

BP Statistical Review of World Energy June 2014

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63rd edition

About this review

For 63 years, the *BP Statistical Review of World Energy* has provided high-quality objective and globally consistent data on world energy markets. The review is one of the most widely respected and authoritative publications in the field of energy economics, used for reference by the media, academia, world governments and energy companies. A new edition is published every June.

Find more online



The *BP Statistical Review of World Energy 2014* is available online at bp.com/statisticalreview

Key information

The website contains all the tables and charts found in the latest printed edition, plus a number of extras, including:

- Historical data from 1965 for many sections.
- Additional data for natural gas, coal, hydroelectricity, nuclear energy, electricity and renewables.
- An oil, natural gas and LNG conversion calculator.
- PDF versions and PowerPoint slide packs of the charts, maps and graphs, plus an Excel workbook of the data.
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Disclaimer

The data series for proved oil and gas reserves in *BP Statistical Review of World Energy June 2014* does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance, under UK accounting rules contained in the Statement of Recommended Practice, 'Accounting for Oil and Gas Exploration, Development, Production and Decommissioning Activities' (UK SORP) or as published by the US Securities and Exchange Commission, nor does it necessarily represent BP'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.

Group chief executive's introduction

Energy in 2013 – energy markets reflect broader themes.



Welcome to the 63rd edition of the *BP Statistical Review of World Energy*.

The world of energy in 2013 echoed broader global themes – such as emerging differences in global economic performance, geopolitical uncertainty and ongoing debates about the proper roles of government and markets.

These are important issues, and ones over which opinions vary widely, and legitimately. It has been said that everyone is entitled to their own opinion, but not their own facts. And that is where the Statistical Review comes in: since 1952, its mission has always been to provide objective, global data on energy markets to inform discussion, debate and decision-making. This first snap-shot of the global energy picture in 2013 – together with the historical data that puts today's information into context – can help us to understand how the world around us is changing.

The year 2013 saw an acceleration in the growth of global energy consumption, despite a stagnant global economy. Economic growth remained weak nearly everywhere and relative to recent history it was weaker in the emerging non-OECD economies. In line with that economic pattern, energy consumption growth was below average in the non-OECD, driven by China, and above average in the mature economies of the OECD, driven by the US. Emerging economies nonetheless continue to dominate global energy demand, accounting for 80% of growth last year and nearly 100% of growth over the past decade.

While consumption growth accelerated globally, it has remained below average – this is again, consistent with the weak global economic picture. Regionally, energy consumption growth was below average everywhere except North America. EU consumption continued to decline, hitting the lowest level since 1995 (despite economic growth of 35% over this period).

Energy production continued to be impacted by geopolitical events. Oil production in Libya suffered the world's largest decline in the face of renewed civil unrest and the production of oil and gas was disrupted in a number of other countries as well. In the face of these disruptions and heightened risks to supply, average oil prices exceeded \$100 per barrel for a third consecutive year, despite massive supply growth in the US.

Supply developments also highlighted the importance of our third topic, namely to get the balance right between policy and market forces. Driven by massive investment in shale and other 'tight' formations, the US saw the world's largest increase in oil production last year, offsetting the numerous disruptions seen elsewhere and

keeping prices stable. Indeed, the US increase in 2013 was one of the biggest oil production increases the world has ever seen.

Elsewhere, and after global coal prices have fallen for two years in a row, coal is extending its competitive edge in power generation and the competitive balance has begun to shift. Coal was the fastest-growing fossil fuel, with China and India combined accounting for 88% of global growth, while natural gas consumption growth decelerated and grew at a below-average rate. As was the case for total energy, gas consumption growth was below average in all regions except North America, which continues to enjoy the cheapest prices among international markets.

The importance of policy is also apparent in the strength of renewable forms of energy, which continued to grow robustly, albeit from a low base. Renewables now account for more than 5% of global power output and nearly 3% of primary energy consumption. The challenge of sustaining expensive subsidy regimes, however, has become visible where penetration rates are highest, namely the below-average growth of Europe's leading renewable producers, who are grappling with weak economic growth and strained budgets.

Once again, the data in this review shows a flexible global energy system adapting to a changing world. It demonstrates how the world's quest for secure and fairly-priced energy can be met through competitive industries driving innovation and smart government policies that amplify the creative 'energy'. At BP we remain focused on how to lead this process, delivering the growing energy requirements of our customers, safely and sustainably. We do this by investing in our people and world-leading technology, while exercising the capital discipline sought by our investors.

I hope you will find this year's Statistical Review a useful resource for a global perspective on energy.

In concluding, let me thank BP's economics team and all those around the world who have helped prepare this review – in particular those in governments in many countries who contribute their official data.

A handwritten signature in black ink that reads "Bob Dudley".

Bob Dudley
Group Chief Executive
June 2014

2013 in review

Global primary energy consumption accelerated in 2013 despite stagnant global economic growth.



▲ China's Hong Kong skyline. China was the world's largest producer and consumer of energy overall in 2013.

▼ The Octavio Frias de Oliveira Bridge in Brazil – 24% of the world's biofuels were produced in the country in 2013, making it the second largest producer.

+2.3%

Growth in global primary energy consumption.



Consumption and production increased for all fuels, reaching record levels for every fuel type except nuclear power. For each of the fossil fuels, global consumption rose more rapidly than production. The data suggests that growth in global CO₂ emissions from energy use also accelerated in 2013, although it remained below average.

Emerging economies dominated global growth again, but the increase was below the ten-year average in these countries, and above average in the OECD. China once again had the largest growth increment, followed by the US. Consumption in the EU and Japan fell to the lowest levels since 1995 and 1993 respectively.

Energy price developments in 2013 were mixed, generally rising in North America (except for coal) and falling elsewhere. The annual average price for Brent, the international crude oil benchmark, declined for the first time since 2009 but remained near record levels (in money-of-the-day as well as inflation-adjusted terms). This was the third consecutive year with the Brent average price above \$100 per barrel. Crude oil prices weakened in early 2013 amid strong growth of oil production in the US, but rebounded later in the year due to a range of supply disruptions and cold weather that boosted demand growth. The differential between Brent and the US benchmark West Texas Intermediate (WTI) narrowed but remained elevated.

Natural gas prices rose in North America (for the first time since 2010) and the UK, but fell elsewhere. As with Brent – WTI, differentials between North American and international gas prices generally narrowed but remained elevated. Coal prices declined in all regions for a second consecutive year.

Energy developments

Global primary energy consumption increased by 2.3% in 2013, an acceleration over 2012 (+1.8%). Growth in 2013 accelerated for oil, coal, and nuclear power. But global growth remained below the 10-year average of 2.5%. All fuels except oil, nuclear power and renewables in power generation grew at below-average rates. Growth was below average for all regions except North America. Oil remains the world's leading fuel, with 32.9% of global energy consumption, but it also continued to lose market share for the fourteenth consecutive year and its current market share is once again the lowest in our data set, which begins in 1965.

Emerging economies accounted for 80% of the global increase in energy consumption – even though growth in these countries was a below average 3.1%. OECD consumption rose by an above-average 1.2%. Robust US growth (+2.9%) accounted for all of the net increase in the OECD and consumption in the EU and Japan fell by 0.3% and 0.6%, respectively. Spain (-5%) recorded the largest volumetric decline in energy consumption.

+1.1m b/d

Growth of US oil production, the largest in the world.

6.3m b/d

China's net oil imports, the world's second largest.

Prices

Dated Brent averaged \$108.66 per barrel in 2013, a decline of \$3.01 per barrel from the 2012 level. WTI continued to trade at a large discount to Brent (\$10.67 per barrel), driven by growing US production. Since 2011, the WTI discount has averaged \$14.81 per barrel, compared with an average premium of \$1.39 per barrel for the preceding decade.

Consumption and production

Global oil consumption grew by 1.4 million barrels per day (b/d), or 1.4% – this is just above the historical average. Countries outside the OECD now account for the majority (51%) of global oil consumption and they once again accounted for all of the net growth in global consumption. OECD consumption declined by 0.4%, the seventh decrease in the past eight years. The US (+400,000 b/d) recorded the largest increment to global oil consumption in 2013, outpacing Chinese growth (+390,000 b/d) for the first time since 1999. Light distillates were the fastest-growing refined product category by volume.

Global oil production did not keep pace with the growth in global consumption, rising by just 550,000 b/d or 0.6%. The US (+1.1 million b/d) recorded the largest growth in the world and the largest annual increment in the country's history for a second consecutive year. The US accounted for nearly all (97%) of the non-OPEC output increase of 1.1 million b/d (the strongest since 2002) to reach a record 49.9 million b/d. Increases in Canada (+210,000 b/d) and Russia (+150,000

b/d) offset declines in Syria (-120,000 b/d), the UK and Norway (-80,000 b/d each) and Australia (-70,000 b/d). OPEC output fell by 600,000 b/d, the first decline since 2009. Declines in Libya (-520,000 b/d), Iran (-190,000 b/d), Saudi Arabia (-110,000 b/d) and Nigeria (-100,000 b/d) outweighed an increase in the UAE (+250,000 b/d).

Refining and trade

Global refinery crude runs increased by a below-average 390,000 b/d or 0.5%. Non-OECD countries accounted for all of the net increase, rising by 730,000 b/d. OECD throughputs declined by 340,000 b/d, the seventh decline in the past nine years despite an increase of 320,000 b/d in US refinery runs, as the US continued to ramp up net product exports. Global refinery capacity utilization declined to 80.4%, the lowest since 1987, while global refining capacity increased by a robust 1.4 million b/d, with large capacity additions in China and Saudi Arabia outpacing capacity reductions in the Atlantic Basin and Japan.

Global oil trade in 2013 grew by 1.7% or 0.9 million b/d – among importers, growth in Europe and emerging economies more than offset declines in the US and Japan. At 55.7 million b/d, trade accounted for 61.0% of global consumption, up from 58.3% a decade ago. US net imports fell by 1.4 million b/d to 6.5 million b/d – just over half the level of net imports seen in 2005 and the lowest level since 1988.

▶ The Trans-Alaska Pipeline is more than 800 miles long and transports oil between Prudhoe Bay and Valdez in the US.



🔥 Natural gas

+2.7%

Growth in North American gas consumption, the only region with above-average growth.

+1.1%

Growth in global gas production.

▼ The *Min Rong* tanker berthed at Tangguh liquefied natural gas (LNG) plant in Indonesia. Indonesia is the second largest natural gas producer in Asia.

▲ The Shah Deniz platform in the Caspian Sea. Natural gas is the leading fuel in Europe and Eurasia.



Consumption and production

World natural gas consumption grew by 1.4%, below the historical average of 2.6%. And, as was the case for primary energy, consumption growth was above average in the OECD countries (+1.8%) and below average outside the OECD (+1.1%). Growth was below average in every region except North America. China (+10.8%) and the US (+2.4%) recorded the largest growth increments in the world, together accounting for 81% of global growth. India (-12.2%) recorded the largest volumetric decline in the world, while EU gas consumption fell to the lowest level since 1999. Globally, natural gas accounted for 23.7% of primary energy consumption.

Global natural gas production grew by 1.1%, which was well below the 10-year average of 2.5%. Growth was below average in all regions except Europe and Eurasia. The US (+1.3%) remained the world's leading producer, but both Russia (+2.4%) and China (+9.5%) recorded larger growth increments in 2013. Nigeria (-16.4%), India (-16.3%), and Norway (-5%) recorded the largest volumetric declines.

Trade

Global natural gas trade grew by 1.8% in 2013, well below the historical average of 5.2%. Pipeline shipments grew by 2.3%, driven by a 12% increase in net Russian exports, which offset declines in Algeria (-17.9%), Norway (-4.5%) and Canada (-5.5%). Among importers, growth in Germany (+14%) and China (+32.4%) more than offset a continued decline in the US (-10.9%). Global LNG trade rebounded by 0.6% in 2013. Increased imports in South Korea (+10.7%), China (+22.9%), and South and Central American importers (+44.7%) were partially offset by lower imports in Spain (-35.6%), the UK (-31.9%) and France (-19.4%). Qatar remained the largest LNG exporter (32% of global exports), and accounted for the largest growth increment (+2.7%). LNG's share of global gas trade declined slightly to 31.4% – and international natural gas trade accounted for 30.9% of global consumption.





▲ Goshen Wind Farm in Idaho. Global wind power generation grew by 21% in 2013.

▶ Coal ready for shipping. Coal was the fastest growing fossil fuel and its consumption grew by 3% in 2013.



+3.0%

Growth in global coal consumption, the fastest growing fossil fuel.

+0.9%

Growth in global nuclear output, the first increase since 2010.

5.3%

Share of global power generation met by renewables.

 **In detail**

Additional information – including historical time series for the fuels reported in this review; further detail on renewable forms of energy; electricity generation; and CO₂ emissions from energy use – is available at bp.com/statisticalreview

Coal

Coal consumption grew by 3% in 2013, well below the 10-year average of 3.9% but it is still the fastest-growing fossil fuel. Coal's share of global primary energy consumption reached 30.1%, the highest since 1970. Consumption outside the OECD rose by a below-average 3.7%, but still accounted for 89% of global growth. China recorded the weakest absolute growth since 2008 but the country still accounted for 67% of global growth. India experienced its second largest volumetric increase on record and accounted for 21% of global growth. OECD consumption increased by 1.4%, with increases in the US and Japan offsetting declines in the EU. Global coal production grew by 0.8%, the weakest growth since 2002. Indonesia (+9.4%) and Australia (+7.3%) offset a decline in the US (-3.1%), while China (+1.2%) recorded the weakest volumetric growth in production since 2000.

Nuclear and hydroelectric

Global nuclear output grew by 0.9%, the first increase since 2010. Increases in the US, China and Canada were partly offset by declines in South Korea, Ukraine, Spain and Russia. Japanese output fell by 18.6% and has fallen by 95% since 2010. Nuclear output accounted for 4.4% of global energy consumption, the smallest share since 1984.

Global hydroelectric output grew by a below-average 2.9%. Led by China and India, the Asia-Pacific region accounted for 78% of global growth. Drought conditions reduced output in Brazil by 7% and in Finland, Norway and Sweden by a combined 14.5%. Hydroelectric output accounted for 6.7% of global energy consumption.

Renewables

Renewable energy sources – in power generation as well as transport – continued to increase in 2013, reaching a record 2.7% of global energy consumption, up from 0.8% a decade ago. Renewable energy used in power generation grew by 16.3% and accounted for a record 5.3% of global power generation. China recorded the largest incremental growth in renewables, followed by the US, while growth in Europe's leading players – Germany, Spain and Italy – was below average. Globally, wind energy (+20.7%) once again accounted for more than half of renewable power generation growth and solar power generation grew even more rapidly (+33%), but from a smaller base. Global biofuels production grew by a below-average 6.1% (80,000 b/doe), driven by increases in the two largest producers: Brazil (+16.8%) and the US (+4.6%).

Acknowledgements

We would like to express our sincere gratitude to the many contacts worldwide who provide the publicly available data for this publication, and to the researchers at the Heriot-Watt University Energy Academy who assist in the data compilation.

Proved reserves

| | At end 1993 Thousand million barrels | At end 2003 Thousand million barrels | At end 2012 Thousand million barrels | At end 2013 | | | |
|-------------------------------------|---|---|---|-------------------------|--------------------------|----------------|-------------|
| | | | | Thousand million tonnes | Thousand million barrels | Share of total | R/P ratio |
| US | 30.2 | 29.4 | 44.2 | 5.4 | 44.2 | 2.6% | 12.1 |
| Canada | 39.5 | 180.4 | 174.3 | 28.1 | 174.3 | 10.3% | * |
| Mexico | 50.8 | 16.0 | 11.4 | 1.5 | 11.1 | 0.7% | 10.6 |
| Total North America | 120.5 | 225.8 | 229.9 | 35.0 | 229.6 | 13.6% | 37.4 |
| Argentina | 2.2 | 2.7 | 2.4 | 0.3 | 2.4 | 0.1% | 9.8 |
| Brazil | 5.0 | 10.6 | 15.3 | 2.3 | 15.6 | 0.9% | 20.2 |
| Colombia | 3.2 | 1.5 | 2.2 | 0.3 | 2.4 | 0.1% | 6.5 |
| Ecuador | 3.7 | 5.1 | 8.4 | 1.2 | 8.2 | 0.5% | 42.6 |
| Peru | 0.8 | 0.9 | 1.4 | 0.2 | 1.4 | 0.1% | 37.5 |
| Trinidad & Tobago | 0.6 | 0.9 | 0.8 | 0.1 | 0.8 | ♦ | 19.2 |
| Venezuela | 64.4 | 77.2 | 297.6 | 46.6 | 298.3 | 17.7% | * |
| Other S. & Cent. America | 0.9 | 1.5 | 0.5 | 0.1 | 0.5 | ♦ | 9.6 |
| Total S. & Cent. America | 80.7 | 100.4 | 328.6 | 51.1 | 329.6 | 19.5% | * |
| Azerbaijan | n/a | 7.0 | 7.0 | 1.0 | 7.0 | 0.4% | 21.9 |
| Denmark | 0.7 | 1.3 | 0.7 | 0.1 | 0.7 | ♦ | 10.3 |
| Italy | 0.6 | 0.8 | 1.4 | 0.2 | 1.4 | 0.1% | 32.7 |
| Kazakhstan | n/a | 9.0 | 30.0 | 3.9 | 30.0 | 1.8% | 46.0 |
| Norway | 9.6 | 10.1 | 9.2 | 1.0 | 8.7 | 0.5% | 12.9 |
| Romania | 1.0 | 0.5 | 0.6 | 0.1 | 0.6 | ♦ | 19.0 |
| Russian Federation | n/a | 79.0 | 92.1 | 12.7 | 93.0 | 5.5% | 23.6 |
| Turkmenistan | n/a | 0.5 | 0.6 | 0.1 | 0.6 | ♦ | 7.1 |
| United Kingdom | 4.5 | 4.3 | 3.0 | 0.4 | 3.0 | 0.2% | 9.6 |
| Uzbekistan | n/a | 0.6 | 0.6 | 0.1 | 0.6 | ♦ | 25.9 |
| Other Europe & Eurasia | 61.8 | 2.3 | 2.1 | 0.3 | 2.2 | 0.1% | 15.1 |
| Total Europe & Eurasia | 78.3 | 115.5 | 147.4 | 19.9 | 147.8 | 8.8% | 23.5 |
| Iran | 92.9 | 133.3 | 157.0 | 21.6 | 157.0 | 9.3% | * |
| Iraq | 100.0 | 115.0 | 150.0 | 20.2 | 150.0 | 8.9% | * |
| Kuwait | 96.5 | 99.0 | 101.5 | 14.0 | 101.5 | 6.0% | 89.0 |
| Oman | 5.0 | 5.6 | 5.5 | 0.7 | 5.5 | 0.3% | 16.0 |
| Qatar | 3.1 | 27.0 | 25.2 | 2.6 | 25.1 | 1.5% | 34.4 |
| Saudi Arabia | 261.4 | 262.7 | 265.9 | 36.5 | 265.9 | 15.8% | 63.2 |
| Syria | 3.0 | 2.4 | 2.5 | 0.3 | 2.5 | 0.1% | * |
| United Arab Emirates | 98.1 | 97.8 | 97.8 | 13.0 | 97.8 | 5.8% | 73.5 |
| Yemen | 2.0 | 2.8 | 3.0 | 0.4 | 3.0 | 0.2% | 51.2 |
| Other Middle East | 0.1 | 0.1 | 0.3 | † | 0.3 | ♦ | 3.4 |
| Total Middle East | 661.9 | 745.7 | 808.7 | 109.4 | 808.5 | 47.9% | 78.1 |
| Algeria | 9.2 | 11.8 | 12.2 | 1.5 | 12.2 | 0.7% | 21.2 |
| Angola | 1.9 | 8.8 | 12.7 | 1.7 | 12.7 | 0.8% | 19.3 |
| Chad | – | 0.9 | 1.5 | 0.2 | 1.5 | 0.1% | 43.5 |
| Republic of Congo (Brazzaville) | 0.7 | 1.5 | 1.6 | 0.2 | 1.6 | 0.1% | 15.6 |
| Egypt | 3.4 | 3.5 | 4.2 | 0.5 | 3.9 | 0.2% | 15.0 |
| Equatorial Guinea | 0.3 | 1.3 | 1.7 | 0.2 | 1.7 | 0.1% | 15.0 |
| Gabon | 0.7 | 2.3 | 2.0 | 0.3 | 2.0 | 0.1% | 23.1 |
| Libya | 22.8 | 39.1 | 48.5 | 6.3 | 48.5 | 2.9% | * |
| Nigeria | 21.0 | 35.3 | 37.1 | 5.0 | 37.1 | 2.2% | 43.8 |
| South Sudan | – | – | 3.5 | 0.5 | 3.5 | 0.2% | 96.9 |
| Sudan | 0.3 | 0.6 | 1.5 | 0.2 | 1.5 | 0.1% | 33.7 |
| Tunisia | 0.4 | 0.6 | 0.4 | 0.1 | 0.4 | ♦ | 18.7 |
| Other Africa | 0.6 | 0.6 | 3.7 | 0.5 | 3.7 | 0.2% | 47.7 |
| Total Africa | 61.2 | 106.2 | 130.6 | 17.3 | 130.3 | 7.7% | 40.5 |
| Australia | 3.3 | 3.7 | 3.9 | 0.4 | 4.0 | 0.2% | 26.1 |
| Brunei | 1.3 | 1.0 | 1.1 | 0.1 | 1.1 | 0.1% | 22.3 |
| China | 16.4 | 15.5 | 18.1 | 2.5 | 18.1 | 1.1% | 11.9 |
| India | 5.9 | 5.7 | 5.7 | 0.8 | 5.7 | 0.3% | 17.5 |
| Indonesia | 5.2 | 4.7 | 3.7 | 0.5 | 3.7 | 0.2% | 11.6 |
| Malaysia | 5.0 | 4.8 | 3.7 | 0.5 | 3.7 | 0.2% | 15.3 |
| Thailand | 0.2 | 0.5 | 0.4 | 0.1 | 0.4 | ♦ | 2.5 |
| Vietnam | 0.6 | 3.0 | 4.4 | 0.6 | 4.4 | 0.3% | 34.5 |
| Other Asia Pacific | 1.1 | 1.4 | 1.1 | 0.1 | 1.1 | 0.1% | 11.2 |
| Total Asia Pacific | 38.8 | 40.5 | 42.1 | 5.6 | 42.1 | 2.5% | 14.0 |
| Total World | 1041.4 | 1334.1 | 1687.3 | 238.2 | 1687.9 | 100.0% | 53.3 |
| of which: OECD | 140.8 | 247.5 | 249.6 | 37.3 | 248.8 | 14.7% | 33.2 |
| Non-OECD | 900.6 | 1086.6 | 1437.7 | 200.9 | 1439.1 | 85.3% | 59.5 |
| OPEC | 774.9 | 912.1 | 1213.8 | 170.2 | 1214.2 | 71.9% | 90.3 |
| Non-OPEC‡ | 206.3 | 325.2 | 342.6 | 50.1 | 341.9 | 20.3% | 26.0 |
| European Union# | 8.1 | 8.0 | 6.8 | 0.9 | 6.8 | 0.4% | 13.0 |
| Former Soviet Union | 60.1 | 96.8 | 130.9 | 17.9 | 131.8 | 7.8% | 26.0 |
| Canadian oil sands: Total | 32.3 | 174.4 | 167.8 | 27.3 | 167.8 | | |
| of which: Under active development | 2.9 | 10.8 | 25.9 | 4.2 | 25.9 | | |
| Venezuela: Orinoco Belt | – | – | 220.0 | 35.4 | 220.5 | | |

*More than 100 years.

†Less than 0.05.

•Less than 0.05%.

‡Excludes Former Soviet Union.

#Excludes Estonia, Latvia and Lithuania in 1993.

Notes: Proved reserves of oil – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions.

Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Source of data – The estimates in this table have been compiled using a combination of primary official sources, third-party data from the OPEC Secretariat, *World Oil*, *Oil & Gas Journal* and an independent estimate of Russian and Chinese reserves based on information in the public domain.

Canadian oil sands 'under active development' are an official estimate. Venezuelan Orinoco Belt reserves are based on the OPEC Secretariat and government announcements.

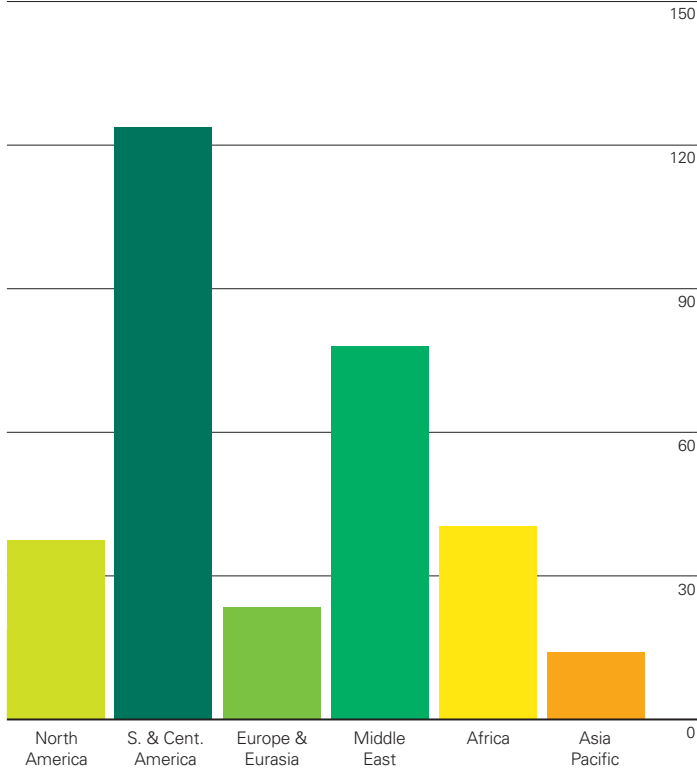
Reserves include gas condensate and natural gas liquids (NGLs) as well as crude oil.

Shares of total and R/P ratios are calculated using thousand million barrels figures.

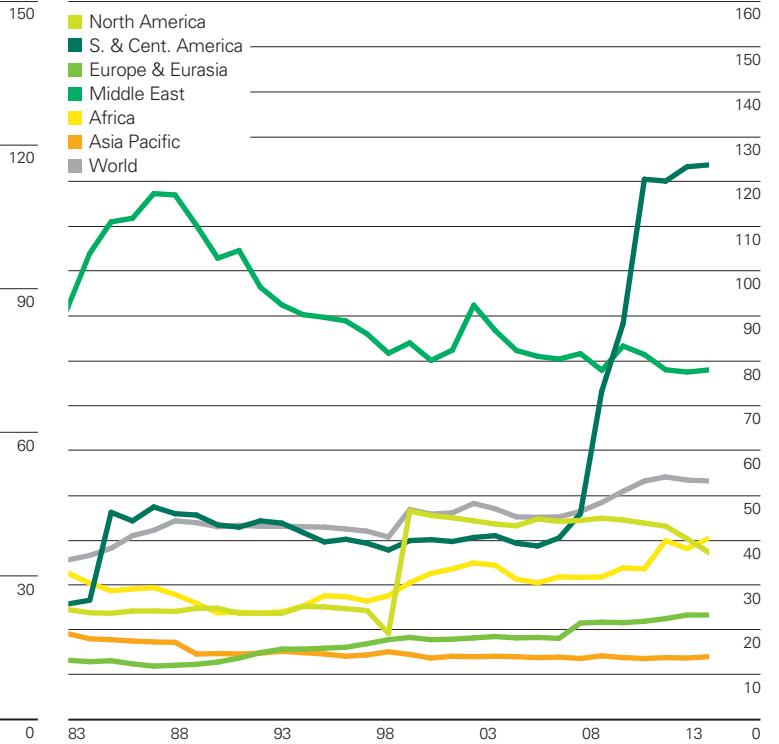
Reserves-to-production (R/P) ratios

Years

2013 by region



History

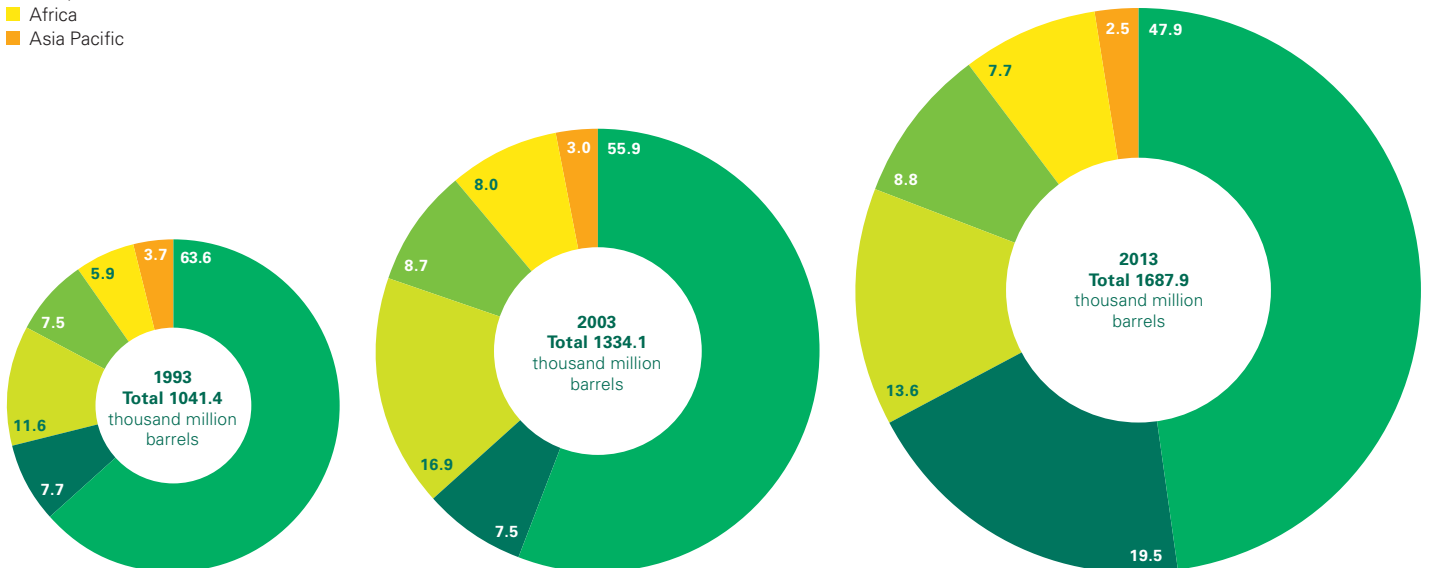


Total world proved oil reserves reached 1687.9 billion barrels at the end of 2013, sufficient to meet 53.3 years of global production. The largest additions to reserves came from Russia, adding 900 million barrels and Venezuela adding 800 million barrels. OPEC members continue to hold the majority of reserves, accounting for 71.9% of the global total. South & Central America continues to hold the highest R/P ratio. Over the past decade, global proved reserves have increased by 27%, or over 350 billion barrels.

Distribution of proved reserves in 1993, 2003 and 2013

Percentage

- Middle East
- S. & Cent. America
- North America
- Europe & Eurasia
- Africa
- Asia Pacific



Production*

| Thousand barrels daily | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|---------------------------|
| US | 7362 | 7244 | 6903 | 6828 | 6862 | 6783 | 7263 | 7552 | 7868 | 8892 | 10003 | 13.5% | 10.8% |
| Canada | 3003 | 3080 | 3041 | 3208 | 3290 | 3207 | 3202 | 3332 | 3515 | 3740 | 3948 | 6.0% | 4.7% |
| Mexico | 3795 | 3830 | 3766 | 3689 | 3479 | 3165 | 2978 | 2959 | 2940 | 2911 | 2875 | -1.1% | 3.4% |
| Total North America | 14160 | 14154 | 13709 | 13725 | 13631 | 13156 | 13444 | 13843 | 14323 | 15543 | 16826 | 8.7% | 18.9% |
| Argentina | 900 | 868 | 839 | 838 | 813 | 772 | 743 | 722 | 687 | 665 | 656 | -1.5% | 0.7% |
| Brazil | 1548 | 1537 | 1699 | 1804 | 1833 | 1895 | 2024 | 2137 | 2193 | 2149 | 2114 | -1.7% | 2.7% |
| Colombia | 541 | 528 | 526 | 529 | 531 | 588 | 671 | 786 | 915 | 944 | 1004 | 6.3% | 1.3% |
| Ecuador | 420 | 528 | 534 | 538 | 513 | 507 | 488 | 488 | 501 | 505 | 527 | 4.5% | 0.7% |
| Peru | 89 | 86 | 92 | 97 | 96 | 99 | 107 | 113 | 110 | 107 | 104 | -4.0% | 0.1% |
| Trinidad & Tobago | 175 | 165 | 181 | 193 | 166 | 174 | 153 | 148 | 140 | 120 | 118 | -1.2% | 0.1% |
| Venezuela | 2868 | 3305 | 3308 | 3336 | 3230 | 3222 | 3033 | 2838 | 2766 | 2643 | 2623 | -0.8% | 3.3% |
| Other S. & Cent. America | 149 | 144 | 146 | 140 | 139 | 138 | 129 | 134 | 137 | 140 | 146 | 3.0% | 0.2% |
| Total S. & Cent. America | 6691 | 7161 | 7325 | 7474 | 7322 | 7394 | 7348 | 7367 | 7448 | 7274 | 7293 | 0.2% | 9.1% |
| Azerbaijan | 308 | 309 | 445 | 646 | 856 | 895 | 1014 | 1023 | 919 | 872 | 877 | 0.4% | 1.1% |
| Denmark | 368 | 390 | 377 | 342 | 311 | 287 | 265 | 249 | 225 | 204 | 178 | -12.8% | 0.2% |
| Italy | 116 | 113 | 127 | 120 | 122 | 108 | 95 | 106 | 110 | 112 | 116 | 3.3% | 0.1% |
| Kazakhstan | 1111 | 1283 | 1330 | 1403 | 1453 | 1526 | 1664 | 1740 | 1758 | 1724 | 1785 | 3.5% | 2.0% |
| Norway | 3264 | 3180 | 2961 | 2772 | 2551 | 2466 | 2349 | 2136 | 2040 | 1917 | 1837 | -4.4% | 2.0% |
| Romania | 124 | 120 | 114 | 105 | 100 | 99 | 94 | 90 | 89 | 83 | 87 | 4.0% | 0.1% |
| Russian Federation | 8602 | 9335 | 9598 | 9818 | 10044 | 9950 | 10139 | 10365 | 10510 | 10643 | 10788 | 1.3% | 12.9% |
| Turkmenistan | 203 | 194 | 193 | 187 | 199 | 208 | 211 | 217 | 217 | 222 | 231 | 4.1% | 0.3% |
| United Kingdom | 2296 | 2064 | 1843 | 1666 | 1659 | 1555 | 1477 | 1361 | 1116 | 949 | 866 | -8.6% | 1.0% |
| Uzbekistan | 151 | 138 | 115 | 114 | 104 | 102 | 95 | 78 | 77 | 68 | 63 | -7.1% | 0.1% |
| Other Europe & Eurasia | 495 | 482 | 454 | 445 | 442 | 420 | 409 | 394 | 394 | 390 | 398 | 2.4% | 0.5% |
| Total Europe & Eurasia | 17037 | 17608 | 17557 | 17619 | 17840 | 17617 | 17812 | 17759 | 17452 | 17184 | 17226 | 0.2% | 20.2% |
| Iran | 4002 | 4201 | 4184 | 4260 | 4303 | 4396 | 4249 | 4356 | 4358 | 3751 | 3558 | -6.0% | 4.0% |
| Iraq | 1344 | 2030 | 1833 | 1999 | 2143 | 2428 | 2452 | 2490 | 2801 | 3116 | 3141 | 0.8% | 3.7% |
| Kuwait | 2370 | 2523 | 2668 | 2737 | 2663 | 2786 | 2511 | 2536 | 2880 | 3165 | 3126 | -1.3% | 3.7% |
| Oman | 822 | 783 | 777 | 738 | 710 | 757 | 813 | 865 | 885 | 918 | 942 | 2.7% | 1.1% |
| Qatar | 949 | 1082 | 1149 | 1241 | 1279 | 1449 | 1416 | 1676 | 1836 | 1966 | 1995 | 1.3% | 2.0% |
| Saudi Arabia | 10141 | 10458 | 10931 | 10671 | 10268 | 10663 | 9663 | 10075 | 11144 | 11635 | 11525 | -1.1% | 13.1% |
| Syria | 652 | 487 | 448 | 421 | 404 | 406 | 401 | 385 | 327 | 171 | 56 | -67.3% | 0.1% |
| United Arab Emirates | 2722 | 2836 | 2922 | 3099 | 3001 | 3026 | 2723 | 2895 | 3319 | 3399 | 3646 | 7.4% | 4.0% |
| Yemen | 451 | 424 | 421 | 387 | 341 | 315 | 306 | 291 | 228 | 180 | 161 | -11.5% | 0.2% |
| Other Middle East | 48 | 48 | 185 | 182 | 194 | 192 | 192 | 192 | 201 | 183 | 208 | 13.5% | 0.2% |
| Total Middle East | 23501 | 24873 | 25518 | 25734 | 25305 | 26417 | 24726 | 25761 | 27980 | 28484 | 28358 | -0.7% | 32.2% |
| Algeria | 1826 | 1921 | 1990 | 1979 | 1992 | 1969 | 1775 | 1689 | 1642 | 1537 | 1575 | 2.7% | 1.7% |
| Angola | 870 | 1103 | 1404 | 1421 | 1684 | 1901 | 1804 | 1863 | 1726 | 1784 | 1801 | 0.8% | 2.1% |
| Chad | 24 | 168 | 173 | 153 | 144 | 127 | 118 | 122 | 114 | 101 | 94 | -6.3% | 0.1% |
| Republic of Congo (Brazzaville) | 208 | 217 | 239 | 271 | 221 | 235 | 269 | 294 | 302 | 289 | 281 | -2.9% | 0.4% |
| Egypt | 750 | 701 | 672 | 704 | 698 | 715 | 730 | 725 | 714 | 715 | 714 | -0.3% | 0.8% |
| Equatorial Guinea | 291 | 399 | 429 | 417 | 430 | 412 | 366 | 326 | 298 | 316 | 311 | -1.8% | 0.4% |
| Gabon | 274 | 273 | 270 | 242 | 246 | 240 | 241 | 255 | 254 | 245 | 237 | -3.3% | 0.3% |
| Libya | 1485 | 1623 | 1745 | 1816 | 1820 | 1820 | 1652 | 1658 | 479 | 1509 | 988 | -34.5% | 1.1% |
| Nigeria | 2233 | 2430 | 2502 | 2392 | 2265 | 2113 | 2211 | 2523 | 2460 | 2417 | 2322 | -4.0% | 2.7% |
| South Sudan | - | - | - | - | - | - | - | - | - | 31 | 99 | 219.4% | 0.1% |
| Sudan | 262 | 291 | 294 | 356 | 483 | 457 | 475 | 462 | 291 | 103 | 122 | 18.3% | 0.1% |
| Tunisia | 68 | 71 | 73 | 70 | 97 | 89 | 83 | 80 | 68 | 67 | 62 | -7.2% | 0.1% |
| Other Africa | 141 | 165 | 172 | 224 | 193 | 190 | 183 | 167 | 232 | 233 | 211 | -10.0% | 0.3% |
| Total Africa | 8431 | 9361 | 9962 | 10045 | 10274 | 10268 | 9908 | 10163 | 8580 | 9349 | 8818 | -5.7% | 10.1% |
| Australia | 664 | 582 | 580 | 542 | 559 | 547 | 512 | 560 | 500 | 489 | 416 | -16.8% | 0.4% |
| Brunei | 214 | 210 | 206 | 221 | 194 | 175 | 168 | 172 | 165 | 159 | 135 | -15.3% | 0.2% |
| China | 3406 | 3486 | 3642 | 3711 | 3742 | 3814 | 3805 | 4077 | 4074 | 4155 | 4180 | 0.6% | 5.0% |
| India | 802 | 816 | 785 | 809 | 809 | 809 | 796 | 873 | 903 | 894 | 894 | 0.1% | 1.0% |
| Indonesia | 1176 | 1130 | 1096 | 1018 | 972 | 1006 | 994 | 1003 | 952 | 918 | 882 | -4.0% | 1.0% |
| Malaysia | 760 | 776 | 757 | 713 | 742 | 741 | 701 | 703 | 640 | 670 | 657 | -2.2% | 0.7% |
| Thailand | 244 | 241 | 297 | 325 | 341 | 362 | 376 | 388 | 414 | 450 | 459 | 1.8% | 0.4% |
| Vietnam | 361 | 424 | 389 | 355 | 334 | 311 | 342 | 312 | 317 | 348 | 350 | 0.4% | 0.4% |
| Other Asia Pacific | 192 | 233 | 284 | 303 | 318 | 338 | 330 | 315 | 300 | 285 | 260 | -8.5% | 0.3% |
| Total Asia Pacific | 7819 | 7898 | 8035 | 7996 | 8011 | 8103 | 8025 | 8404 | 8266 | 8370 | 8232 | -1.7% | 9.5% |
| Total World | 77639 | 81054 | 82107 | 82593 | 82383 | 82955 | 81262 | 83296 | 84049 | 86204 | 86754 | 0.6% | 100.0% |
| of which: OECD | 21214 | 20813 | 19902 | 19465 | 19151 | 18440 | 18445 | 18547 | 18601 | 19492 | 20523 | 5.6% | 23.0% |
| Non-OECD | 56425 | 60241 | 62204 | 63129 | 63233 | 64515 | 62818 | 64750 | 65448 | 66712 | 66230 | -0.8% | 77.0% |
| OPEC | 31231 | 34040 | 35170 | 35489 | 35161 | 36279 | 33978 | 35088 | 35911 | 37427 | 36829 | -1.8% | 42.1% |
| Non-OPEC+ | 35879 | 35601 | 35102 | 34786 | 34420 | 33852 | 34016 | 34650 | 34529 | 35122 | 36062 | 2.7% | 41.4% |
| European Union | 3185 | 2955 | 2708 | 2468 | 2425 | 2264 | 2127 | 1987 | 1724 | 1528 | 1437 | -5.8% | 1.7% |
| Former Soviet Union | 10530 | 11414 | 11835 | 12318 | 12803 | 12824 | 13269 | 13558 | 13609 | 13655 | 13863 | 1.4% | 16.4% |

*Includes crude oil, tight oil, oil sands and NGLs (the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as biomass and derivatives of coal and natural gas.

†Excludes Former Soviet Union.

Notes: Annual changes and shares of total are calculated using million tonnes per annum figures. Growth rates are adjusted for leap years.

Consumption*

| Thousand barrels daily | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 20033 | 20732 | 20802 | 20687 | 20680 | 19490 | 18771 | 19180 | 18882 | 18490 | 18887 | 2.0% | 19.9% |
| Canada | 2228 | 2309 | 2288 | 2295 | 2361 | 2315 | 2190 | 2316 | 2404 | 2394 | 2385 | -0.5% | 2.5% |
| Mexico | 1909 | 1983 | 2030 | 2019 | 2067 | 2054 | 1995 | 2014 | 2042 | 2063 | 2020 | -2.6% | 2.1% |
| Total North America | 24170 | 25023 | 25119 | 25002 | 25109 | 23860 | 22957 | 23510 | 23329 | 22948 | 23292 | 1.3% | 24.5% |
| Argentina | 405 | 425 | 449 | 471 | 523 | 535 | 525 | 571 | 585 | 613 | 636 | 3.6% | 0.7% |
| Brazil | 1973 | 2050 | 2097 | 2134 | 2286 | 2439 | 2467 | 2669 | 2730 | 2807 | 2973 | 5.8% | 3.2% |
| Chile | 228 | 244 | 250 | 278 | 358 | 372 | 367 | 329 | 355 | 368 | 377 | 2.0% | 0.4% |
| Colombia | 222 | 225 | 230 | 235 | 234 | 233 | 239 | 250 | 269 | 285 | 297 | 4.0% | 0.3% |
| Ecuador | 151 | 155 | 169 | 180 | 183 | 188 | 191 | 220 | 226 | 233 | 248 | 6.3% | 0.3% |
| Peru | 139 | 152 | 152 | 147 | 153 | 172 | 176 | 187 | 203 | 212 | 224 | 5.3% | 0.2% |
| Trinidad & Tobago | 24 | 25 | 26 | 29 | 34 | 37 | 35 | 39 | 35 | 35 | 38 | 6.3% | ♦ |
| Venezuela | 506 | 545 | 606 | 633 | 640 | 716 | 727 | 691 | 689 | 712 | 777 | 10.2% | 0.9% |
| Other S. & Cent. America | 1224 | 1235 | 1221 | 1235 | 1250 | 1190 | 1186 | 1199 | 1212 | 1212 | 1206 | -1.0% | 1.4% |
| Total S. & Cent. America | 4872 | 5056 | 5200 | 5340 | 5661 | 5881 | 5913 | 6155 | 6306 | 6478 | 6775 | 4.4% | 7.4% |
| Austria | 292 | 283 | 287 | 291 | 276 | 274 | 264 | 276 | 258 | 258 | 259 | 0.6% | 0.3% |
| Azerbaijan | 84 | 88 | 106 | 96 | 91 | 74 | 73 | 71 | 89 | 92 | 101 | 9.8% | 0.1% |
| Belarus | 163 | 162 | 151 | 176 | 162 | 159 | 183 | 152 | 175 | 175 | 177 | 0.7% | 0.2% |
| Belgium | 688 | 680 | 679 | 671 | 676 | 747 | 650 | 672 | 662 | 631 | 654 | 2.5% | 0.7% |
| Bulgaria | 95 | 92 | 102 | 105 | 103 | 102 | 92 | 82 | 80 | 82 | 86 | 4.2% | 0.1% |
| Czech Republic | 184 | 202 | 210 | 207 | 205 | 209 | 204 | 195 | 193 | 191 | 184 | -3.9% | 0.2% |
| Denmark | 188 | 185 | 187 | 190 | 191 | 188 | 169 | 171 | 168 | 159 | 160 | 0.5% | 0.2% |
| Finland | 235 | 221 | 229 | 222 | 223 | 222 | 209 | 219 | 204 | 190 | 188 | -1.7% | 0.2% |
| France | 1952 | 1963 | 1946 | 1942 | 1911 | 1889 | 1822 | 1763 | 1742 | 1689 | 1683 | -0.6% | 1.9% |
| Germany | 2648 | 2619 | 2592 | 2609 | 2380 | 2502 | 2409 | 2445 | 2369 | 2356 | 2382 | 0.9% | 2.7% |
| Greece | 396 | 426 | 424 | 442 | 435 | 425 | 405 | 365 | 347 | 310 | 287 | -7.1% | 0.3% |
| Hungary | 131 | 136 | 158 | 168 | 168 | 164 | 154 | 146 | 140 | 128 | 131 | 1.6% | 0.1% |
| Republic of Ireland | 175 | 181 | 191 | 191 | 195 | 187 | 166 | 158 | 141 | 134 | 140 | 4.7% | 0.2% |
| Italy | 1900 | 1850 | 1798 | 1791 | 1740 | 1661 | 1563 | 1532 | 1475 | 1346 | 1308 | -3.6% | 1.5% |
| Kazakhstan | 183 | 196 | 204 | 210 | 233 | 229 | 188 | 196 | 256 | 274 | 287 | 5.9% | 0.3% |
| Lithuania | 50 | 53 | 57 | 58 | 58 | 63 | 54 | 55 | 53 | 55 | 55 | 1.4% | 0.1% |
| Netherlands | 946 | 983 | 1039 | 1047 | 1065 | 991 | 971 | 977 | 971 | 926 | 898 | -4.9% | 1.0% |
| Norway | 232 | 221 | 224 | 229 | 237 | 228 | 236 | 235 | 240 | 235 | 241 | 1.0% | 0.3% |
| Poland | 441 | 469 | 487 | 512 | 531 | 549 | 549 | 576 | 574 | 553 | 524 | -6.2% | 0.6% |
| Portugal | 311 | 315 | 324 | 294 | 296 | 278 | 263 | 259 | 240 | 226 | 228 | -0.8% | 0.3% |
| Romania | 194 | 224 | 218 | 214 | 218 | 216 | 195 | 184 | 191 | 191 | 188 | -1.7% | 0.2% |
| Russian Federation | 2679 | 2660 | 2679 | 2761 | 2777 | 2862 | 2772 | 2892 | 3089 | 3212 | 3313 | 3.1% | 3.7% |
| Slovakia | 70 | 67 | 80 | 72 | 76 | 82 | 79 | 82 | 81 | 74 | 73 | -1.3% | 0.1% |
| Spain | 1539 | 1575 | 1594 | 1592 | 1613 | 1557 | 1473 | 1394 | 1377 | 1285 | 1200 | -7.3% | 1.4% |
| Sweden | 367 | 362 | 358 | 358 | 357 | 350 | 323 | 336 | 311 | 309 | 305 | -2.0% | 0.3% |
| Switzerland | 257 | 255 | 260 | 266 | 241 | 256 | 260 | 242 | 235 | 238 | 249 | 5.0% | 0.3% |
| Turkey | 649 | 660 | 665 | 698 | 718 | 684 | 707 | 694 | 672 | 678 | 714 | 5.7% | 0.8% |
| Turkmenistan | 110 | 112 | 113 | 109 | 115 | 119 | 110 | 123 | 130 | 134 | 137 | 2.8% | 0.2% |
| Ukraine | 295 | 310 | 296 | 308 | 318 | 301 | 282 | 268 | 279 | 267 | 260 | -2.7% | 0.3% |
| United Kingdom | 1723 | 1766 | 1806 | 1788 | 1716 | 1683 | 1610 | 1588 | 1532 | 1520 | 1503 | -1.4% | 1.7% |
| Uzbekistan | 145 | 146 | 103 | 103 | 94 | 92 | 89 | 77 | 72 | 69 | 70 | 2.1% | 0.1% |
| Other Europe & Eurasia | 567 | 600 | 623 | 637 | 660 | 670 | 658 | 662 | 664 | 649 | 661 | 1.6% | 0.8% |
| Total Europe & Eurasia | 19888 | 20063 | 20187 | 20357 | 20082 | 20013 | 19181 | 19087 | 19009 | 18636 | 18645 | -0.4% | 21.0% |
| Iran | 1508 | 1548 | 1699 | 1843 | 1874 | 1959 | 2011 | 1873 | 1909 | 1927 | 2002 | 4.0% | 2.2% |
| Israel | 267 | 251 | 257 | 251 | 264 | 259 | 244 | 236 | 249 | 289 | 231 | -21.9% | 0.3% |
| Kuwait | 334 | 374 | 411 | 378 | 383 | 405 | 454 | 487 | 466 | 490 | 494 | 1.2% | 0.5% |
| Qatar | 95 | 106 | 120 | 135 | 153 | 173 | 172 | 193 | 237 | 248 | 267 | 7.1% | 0.2% |
| Saudi Arabia | 1780 | 1913 | 2012 | 2083 | 2201 | 2376 | 2592 | 2803 | 2847 | 2989 | 3075 | 3.1% | 3.2% |
| United Arab Emirates | 453 | 484 | 493 | 527 | 565 | 586 | 566 | 630 | 718 | 748 | 773 | 4.2% | 0.9% |
| Other Middle East | 1233 | 1265 | 1343 | 1238 | 1314 | 1448 | 1468 | 1546 | 1577 | 1661 | 1683 | 1.5% | 1.9% |
| Total Middle East | 5670 | 5941 | 6335 | 6456 | 6755 | 7206 | 7508 | 7767 | 8004 | 8353 | 8526 | 2.2% | 9.2% |
| Algeria | 230 | 239 | 250 | 258 | 286 | 309 | 327 | 327 | 345 | 368 | 386 | 5.0% | 0.4% |
| Egypt | 540 | 556 | 617 | 602 | 642 | 687 | 726 | 766 | 720 | 746 | 757 | 1.5% | 0.9% |
| South Africa | 497 | 513 | 518 | 528 | 556 | 536 | 510 | 559 | 577 | 572 | 570 | -0.1% | 0.7% |
| Other Africa | 1388 | 1464 | 1535 | 1539 | 1584 | 1704 | 1744 | 1827 | 1733 | 1833 | 1911 | 4.6% | 2.2% |
| Total Africa | 2654 | 2771 | 2920 | 2927 | 3068 | 3235 | 3306 | 3479 | 3374 | 3519 | 3624 | 3.2% | 4.1% |
| Australia | 854 | 865 | 897 | 930 | 937 | 950 | 937 | 953 | 1000 | 1027 | 1026 | -0.4% | 1.1% |
| Bangladesh | 83 | 86 | 89 | 89 | 86 | 86 | 77 | 88 | 113 | 118 | 116 | -1.7% | 0.1% |
| China | 5771 | 6740 | 6945 | 7500 | 7860 | 7994 | 8306 | 9317 | 9867 | 10367 | 10756 | 3.8% | 12.1% |
| China Hong Kong SAR | 269 | 313 | 285 | 305 | 324 | 293 | 334 | 362 | 363 | 347 | 354 | 2.6% | 0.4% |
| India | 2485 | 2556 | 2606 | 2737 | 2941 | 3077 | 3237 | 3319 | 3488 | 3685 | 3727 | 1.2% | 4.2% |
| Indonesia | 1222 | 1299 | 1285 | 1247 | 1299 | 1294 | 1334 | 1449 | 1572 | 1597 | 1623 | 1.1% | 1.8% |
| Japan | 5456 | 5308 | 5391 | 5210 | 5053 | 4882 | 4422 | 4474 | 4470 | 4709 | 4551 | -3.8% | 5.0% |
| Malaysia | 620 | 633 | 637 | 660 | 701 | 672 | 679 | 689 | 718 | 712 | 725 | 2.0% | 0.7% |
| New Zealand | 146 | 147 | 150 | 152 | 153 | 154 | 147 | 151 | 150 | 148 | 151 | 2.1% | 0.2% |
| Pakistan | 319 | 324 | 311 | 354 | 387 | 388 | 414 | 411 | 417 | 402 | 445 | 10.3% | 0.5% |
| Philippines | 329 | 336 | 314 | 284 | 301 | 266 | 283 | 285 | 281 | 283 | 298 | 5.5% | 0.3% |
| Singapore | 688 | 761 | 828 | 883 | 961 | 1013 | 1077 | 1190 | 1242 | 1239 | 1259 | 1.1% | 1.6% |
| South Korea | 2340 | 2294 | 2312 | 2320 | 2399 | 2308 | 2339 | 2370 | 2394 | 2458 | 2460 | ♦ | 2.6% |
| Taiwan | 1012 | 1056 | 1054 | 1053 | 1111 | 1005 | 982 | 1011 | 946 | 934 | 977 | 3.9% | 1.0% |
| Thailand | 844 | 911 | 943 | 944 | 942 | 944 | 1024 | 1043 | 1119 | 1191 | 1211 | 2.0% | 1.2% |
| Vietnam | 220 | 263 | 258 | 254 | 283 | 300 | 313 | 337 | 366 | 371 | 378 | 2.0% | 0.4% |
| Other Asia Pacific | 304 | 309 | 325 | 323 | 342 | 324 | 342 | 352 | 406 | 409 | 412 | 0.8% | 0.5% |
| Total Asia Pacific | 22962 | 24202 | 24629 | 25244 | 26080 | 25952 | 26247 | 27802 | 28912 | 29997 | 30470 | 1.5% | 33.8% |
| Total World | 80216 | 83055 | 84389 | 85325 | 86754 | 86147 | 85111 | 87801 | 88934 | 89931 | 91331 | 1.4% | 100.0% |
| of which: OECD | 48934 | 49713 | 50078 | 49888 | 49690 | 48085 | 46057 | 46509 | 46040 | 45545 | 45558 | -0.4% | 49.2% |
| Non-OECD | 31282 | 33342 | 34311 | 35437 | 37064 | 38062 | 39054 | 41292 | 42894 | 44386 | 45773 | 3.1% | 50.8% |
| European Union | 14866 | 15002 | 15123 | 15122 | 14802 | 14710 | 13977 | 13827 | 13455 | 12946 | 12770 | -1.9% | 14.5% |
| Former Soviet Union | 3814 | 3840 | 3829 | 3943 | 3993 | 4040 | 3887 | 3984 | 4293 | 4434 | 4559 | 2.8% | 5.1% |

*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%.

Production*

| Million tonnes | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|---------------------------|
| US | 332.3 | 325.1 | 309.1 | 304.7 | 305.2 | 302.3 | 322.4 | 332.9 | 345.7 | 394.1 | 446.2 | 13.5% | 10.8% |
| Canada | 140.2 | 144.8 | 142.3 | 150.6 | 155.3 | 152.9 | 152.8 | 160.3 | 169.8 | 182.6 | 193.0 | 6.0% | 4.7% |
| Mexico | 188.2 | 190.0 | 186.5 | 182.5 | 172.2 | 156.9 | 146.7 | 145.6 | 144.5 | 143.9 | 141.8 | -1.1% | 3.4% |
| Total North America | 660.7 | 659.9 | 637.9 | 637.8 | 632.7 | 612.0 | 621.9 | 638.8 | 660.0 | 720.6 | 781.1 | 8.7% | 18.9% |
| Argentina | 42.8 | 40.9 | 39.4 | 39.1 | 38.0 | 36.5 | 34.9 | 34.0 | 32.2 | 31.1 | 30.5 | -1.5% | 0.7% |
| Brazil | 81.1 | 80.6 | 88.7 | 93.7 | 95.2 | 98.8 | 105.6 | 111.4 | 114.2 | 112.2 | 109.9 | -1.7% | 2.7% |
| Colombia | 28.5 | 27.9 | 27.7 | 27.9 | 28.0 | 31.1 | 35.3 | 41.4 | 48.2 | 49.9 | 52.9 | 6.3% | 1.3% |
| Ecuador | 22.5 | 28.3 | 28.6 | 28.8 | 27.5 | 27.2 | 26.1 | 26.1 | 26.8 | 27.1 | 28.2 | 4.5% | 0.7% |
| Peru | 4.6 | 4.4 | 4.5 | 4.6 | 4.6 | 4.7 | 4.8 | 5.1 | 4.9 | 4.8 | 4.6 | -4.0% | 0.1% |
| Trinidad & Tobago | 8.7 | 8.2 | 9.0 | 9.6 | 8.2 | 8.7 | 7.6 | 7.4 | 6.9 | 6.0 | 5.9 | -1.2% | 0.1% |
| Venezuela | 147.5 | 170.1 | 169.7 | 171.0 | 165.5 | 165.6 | 155.7 | 145.7 | 141.5 | 136.6 | 135.1 | -0.8% | 3.3% |
| Other S. & Cent. America | 7.8 | 7.4 | 7.4 | 7.1 | 7.1 | 7.1 | 6.6 | 6.9 | 7.0 | 7.1 | 7.3 | 3.0% | 0.2% |
| Total S. & Cent. America | 343.3 | 367.8 | 374.9 | 381.8 | 374.1 | 379.6 | 376.6 | 377.8 | 381.7 | 374.7 | 374.4 | 0.2% | 9.1% |
| Azerbaijan | 15.4 | 15.5 | 22.2 | 32.3 | 42.6 | 44.5 | 50.4 | 50.8 | 45.6 | 43.4 | 43.4 | 0.4% | 1.1% |
| Denmark | 17.9 | 19.1 | 18.4 | 16.7 | 15.2 | 14.0 | 12.9 | 12.2 | 10.9 | 10.0 | 8.7 | -12.8% | 0.2% |
| Italy | 5.6 | 5.5 | 6.1 | 5.8 | 5.9 | 5.2 | 4.6 | 5.1 | 5.3 | 5.4 | 5.6 | 3.3% | 0.1% |
| Kazakhstan | 52.4 | 60.6 | 62.6 | 66.1 | 68.4 | 72.0 | 78.2 | 81.6 | 82.4 | 81.2 | 83.8 | 3.5% | 2.0% |
| Norway | 153.9 | 150.3 | 138.7 | 129.0 | 118.6 | 114.7 | 108.7 | 98.8 | 93.8 | 87.2 | 83.2 | -4.4% | 2.0% |
| Romania | 5.9 | 5.7 | 5.4 | 5.0 | 4.7 | 4.7 | 4.5 | 4.3 | 4.2 | 4.0 | 4.1 | 4.0% | 0.1% |
| Russian Federation | 425.7 | 463.3 | 474.8 | 485.6 | 496.8 | 493.7 | 500.8 | 511.8 | 518.5 | 526.2 | 531.4 | 1.3% | 12.9% |
| Turkmenistan | 10.0 | 9.6 | 9.5 | 9.2 | 9.8 | 10.3 | 10.4 | 10.7 | 10.7 | 11.0 | 11.4 | 4.1% | 0.3% |
| United Kingdom | 106.1 | 95.4 | 84.7 | 76.6 | 76.6 | 71.7 | 68.2 | 63.0 | 52.0 | 44.6 | 40.6 | -8.6% | 1.0% |
| Uzbekistan | 7.1 | 6.6 | 5.4 | 5.4 | 4.9 | 4.8 | 4.5 | 3.6 | 3.6 | 3.2 | 2.9 | -7.1% | 0.1% |
| Other Europe & Eurasia | 24.0 | 23.4 | 22.0 | 21.7 | 21.6 | 20.6 | 19.9 | 19.2 | 19.2 | 19.2 | 19.6 | 2.4% | 0.5% |
| Total Europe & Eurasia | 823.9 | 854.8 | 850.0 | 853.4 | 865.1 | 856.3 | 863.0 | 861.1 | 846.2 | 835.3 | 834.8 | 0.2% | 20.2% |
| Iran | 198.5 | 208.2 | 206.4 | 209.2 | 210.9 | 214.5 | 205.5 | 208.8 | 208.2 | 177.1 | 166.1 | -6.0% | 4.0% |
| Iraq | 66.0 | 99.9 | 89.9 | 98.0 | 105.1 | 119.3 | 119.9 | 121.5 | 136.7 | 152.5 | 153.2 | 0.8% | 3.7% |
| Kuwait | 115.6 | 123.4 | 130.4 | 133.7 | 129.9 | 136.1 | 121.2 | 122.5 | 139.7 | 153.7 | 151.3 | -1.3% | 3.7% |
| Oman | 40.7 | 38.9 | 38.5 | 36.5 | 35.2 | 37.6 | 40.2 | 42.8 | 43.8 | 45.0 | 46.1 | 2.7% | 1.1% |
| Qatar | 43.8 | 50.0 | 52.6 | 56.8 | 57.9 | 65.0 | 62.4 | 72.1 | 78.2 | 83.3 | 84.2 | 1.3% | 2.0% |
| Saudi Arabia | 486.2 | 500.4 | 521.3 | 508.9 | 488.9 | 509.9 | 456.7 | 473.8 | 526.0 | 549.8 | 542.3 | -1.1% | 13.1% |
| Syria | 32.4 | 24.3 | 22.3 | 21.0 | 20.1 | 20.3 | 20.0 | 19.2 | 16.3 | 8.5 | 2.8 | -67.3% | 0.1% |
| United Arab Emirates | 126.2 | 132.0 | 135.8 | 144.3 | 139.6 | 141.4 | 126.2 | 133.3 | 151.3 | 154.7 | 165.7 | 7.4% | 4.0% |
| Yemen | 21.2 | 20.0 | 19.8 | 18.1 | 15.9 | 14.8 | 14.3 | 13.5 | 10.6 | 8.3 | 7.4 | -11.5% | 0.2% |
| Other Middle East | 2.3 | 2.3 | 9.1 | 8.9 | 9.5 | 9.5 | 9.4 | 9.4 | 9.9 | 9.0 | 10.2 | 13.5% | 0.2% |
| Total Middle East | 1133.0 | 1199.4 | 1226.0 | 1235.6 | 1213.0 | 1268.3 | 1175.9 | 1217.1 | 1320.6 | 1342.1 | 1329.3 | -0.7% | 32.2% |
| Algeria | 79.0 | 83.6 | 86.4 | 86.2 | 86.5 | 85.6 | 77.2 | 73.8 | 71.7 | 67.2 | 68.9 | 2.7% | 1.7% |
| Angola | 42.8 | 54.5 | 68.9 | 69.3 | 82.1 | 93.1 | 87.6 | 90.5 | 83.8 | 86.9 | 87.4 | 0.8% | 2.1% |
| Chad | 1.2 | 8.8 | 9.1 | 8.0 | 7.5 | 6.7 | 6.2 | 6.4 | 6.0 | 5.3 | 5.0 | -6.3% | 0.1% |
| Republic of Congo (Brazzaville) | 10.7 | 11.2 | 12.3 | 14.0 | 11.4 | 12.1 | 13.9 | 15.1 | 15.6 | 15.0 | 14.5 | -2.9% | 0.4% |
| Egypt | 37.1 | 34.8 | 33.2 | 34.5 | 33.8 | 34.7 | 35.3 | 35.0 | 34.6 | 34.7 | 34.5 | -0.3% | 0.8% |
| Equatorial Guinea | 14.0 | 18.9 | 20.0 | 19.3 | 19.9 | 19.3 | 17.1 | 15.2 | 13.9 | 14.9 | 14.6 | -1.8% | 0.4% |
| Gabon | 13.7 | 13.7 | 13.5 | 12.1 | 12.3 | 12.0 | 12.0 | 12.7 | 12.7 | 12.3 | 11.8 | -3.3% | 0.3% |
| Libya | 69.8 | 76.5 | 82.2 | 85.3 | 85.3 | 85.5 | 77.4 | 77.7 | 22.5 | 71.1 | 46.5 | -34.5% | 1.1% |
| Nigeria | 109.0 | 119.0 | 122.1 | 116.6 | 110.2 | 102.8 | 106.6 | 121.3 | 118.2 | 116.2 | 111.3 | -4.0% | 2.7% |
| South Sudan | - | - | - | - | - | - | - | - | - | 1.5 | 4.9 | 219.4% | 0.1% |
| Sudan | 12.9 | 14.4 | 14.5 | 17.5 | 23.8 | 22.6 | 23.4 | 22.8 | 14.3 | 5.1 | 6.0 | 18.3% | 0.1% |
| Tunisia | 3.2 | 3.4 | 3.4 | 3.3 | 4.6 | 4.2 | 4.0 | 3.8 | 3.2 | 3.2 | 3.0 | -7.2% | 0.1% |
| Other Africa | 7.0 | 8.2 | 8.6 | 11.2 | 9.7 | 9.5 | 9.2 | 8.3 | 11.5 | 11.6 | 10.4 | -10.0% | 0.3% |
| Total Africa | 400.4 | 447.0 | 474.1 | 477.2 | 486.9 | 488.1 | 469.7 | 482.7 | 407.9 | 445.0 | 418.6 | -5.7% | 10.1% |
| Australia | 29.7 | 25.9 | 25.5 | 23.7 | 24.7 | 24.3 | 22.5 | 24.9 | 22.0 | 21.6 | 17.9 | -16.8% | 0.4% |
| Brunei | 10.5 | 10.3 | 10.1 | 10.8 | 9.5 | 8.6 | 8.3 | 8.5 | 8.1 | 7.8 | 6.6 | -15.3% | 0.2% |
| China | 169.6 | 174.1 | 181.4 | 184.8 | 186.3 | 190.4 | 189.5 | 203.0 | 202.9 | 207.5 | 208.1 | 0.6% | 5.0% |
| India | 37.3 | 38.2 | 36.6 | 37.8 | 37.9 | 37.9 | 37.2 | 40.8 | 42.3 | 42.0 | 42.0 | 0.1% | 1.0% |
| Indonesia | 57.6 | 55.6 | 53.7 | 50.2 | 47.8 | 49.4 | 48.4 | 48.6 | 46.3 | 44.6 | 42.7 | -4.0% | 1.0% |
| Malaysia | 35.4 | 36.3 | 34.6 | 32.7 | 33.8 | 34.0 | 32.2 | 32.0 | 28.9 | 30.3 | 29.6 | -2.2% | 0.7% |
| Thailand | 9.5 | 9.3 | 11.4 | 12.5 | 13.2 | 14.0 | 14.6 | 14.8 | 15.2 | 16.4 | 16.6 | 1.8% | 0.4% |
| Vietnam | 17.6 | 20.7 | 19.0 | 17.2 | 16.3 | 15.2 | 16.7 | 15.3 | 15.5 | 17.0 | 17.0 | 0.4% | 0.4% |
| Other Asia Pacific | 8.8 | 10.4 | 12.4 | 13.1 | 13.9 | 14.8 | 14.4 | 13.8 | 13.1 | 12.5 | 11.4 | -8.5% | 0.3% |
| Total Asia Pacific | 376.2 | 380.8 | 384.6 | 382.8 | 383.4 | 388.8 | 383.7 | 401.7 | 394.3 | 399.8 | 392.0 | -1.7% | 9.5% |
| Total World | 3737.5 | 3909.6 | 3947.5 | 3968.7 | 3955.3 | 3993.2 | 3890.9 | 3979.3 | 4010.6 | 4117.4 | 4130.2 | 0.6% | 100.0% |
| of which: OECD | 990.8 | 972.2 | 926.3 | 904.2 | 889.3 | 857.8 | 853.6 | 857.0 | 858.1 | 903.1 | 951.0 | 5.6% | 23.0% |
| Non-OECD | 2746.7 | 2937.5 | 3021.2 | 3064.5 | 3066.0 | 3135.4 | 3037.3 | 3122.2 | 3152.5 | 3214.3 | 3179.2 | -0.8% | 77.0% |
| OPEC | 1506.9 | 1645.9 | 1694.2 | 1708.2 | 1689.2 | 1746.0 | 1622.6 | 1667.2 | 1704.4 | 1776.3 | 1740.1 | -1.8% | 42.1% |
| Non-OPEC+ | 1712.8 | 1701.0 | 1671.5 | 1654.9 | 1636.6 | 1615.1 | 1617.3 | 1647.2 | 1639.6 | 1670.3 | 1711.6 | 2.7% | 41.4% |
| European Union | 149.3 | 138.8 | 126.7 | 115.5 | 113.9 | 106.3 | 99.8 | 93.4 | 81.6 | 72.9 | 68.4 | -5.8% | 1.7% |
| Former Soviet Union | 517.8 | 562.7 | 581.8 | 605.6 | 629.4 | 632.0 | 651.0 | 664.8 | 666.7 | 670.8 | 678.5 | 1.4% | 16.4% |

*Includes crude oil, tight oil, oil sands and NGLs (the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as biomass and derivatives of coal and natural gas.

†Excludes Former Soviet Union.

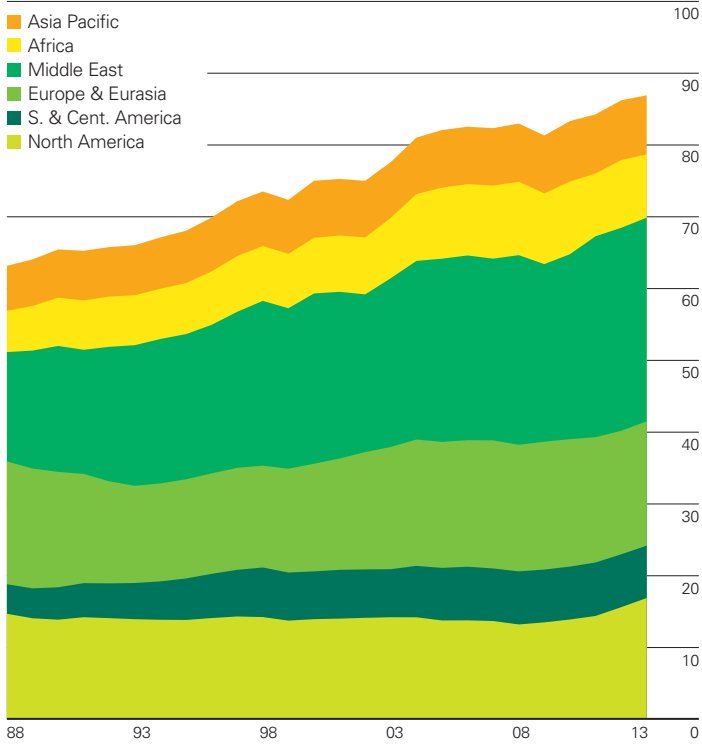
Note: Growth rates are adjusted for leap years.

Consumption*

| Million tonnes | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------------|
| US | 900.7 | 936.5 | 939.8 | 930.7 | 928.8 | 875.4 | 833.2 | 850.1 | 834.9 | 817.0 | 831.0 | 2.0% | 19.9% |
| Canada | 97.3 | 100.8 | 99.9 | 99.4 | 102.3 | 101.2 | 95.0 | 101.3 | 105.0 | 104.3 | 103.5 | -0.5% | 2.5% |
| Mexico | 85.0 | 88.5 | 90.8 | 89.7 | 92.0 | 91.6 | 88.5 | 88.5 | 90.3 | 92.3 | 89.7 | -2.6% | 2.1% |
| Total North America | 1083.0 | 1125.9 | 1130.5 | 1119.7 | 1123.1 | 1068.2 | 1016.7 | 1039.9 | 1030.2 | 1013.6 | 1024.2 | 1.3% | 24.5% |
| Argentina | 18.5 | 19.4 | 20.7 | 21.7 | 24.0 | 24.7 | 24.1 | 26.9 | 26.9 | 28.5 | 29.4 | 3.6% | 0.7% |
| Brazil | 88.7 | 92.0 | 94.2 | 95.8 | 101.8 | 108.6 | 109.1 | 118.1 | 121.9 | 125.8 | 132.7 | 5.8% | 3.2% |
| Chile | 10.6 | 11.5 | 11.8 | 13.2 | 17.0 | 17.8 | 17.4 | 15.4 | 16.8 | 17.3 | 17.6 | 2.0% | 0.4% |
| Colombia | 10.0 | 10.3 | 10.5 | 10.7 | 10.7 | 10.7 | 11.0 | 11.6 | 12.4 | 13.4 | 13.9 | 4.0% | 0.3% |
| Ecuador | 7.0 | 7.2 | 7.9 | 8.3 | 8.5 | 8.7 | 8.9 | 10.3 | 10.5 | 10.9 | 11.6 | 6.3% | 0.3% |
| Peru | 6.5 | 7.3 | 7.1 | 6.9 | 7.1 | 8.0 | 8.1 | 8.5 | 9.2 | 9.5 | 10.0 | 5.3% | 0.2% |
| Trinidad & Tobago | 1.1 | 1.2 | 1.2 | 1.4 | 1.7 | 1.8 | 1.7 | 1.9 | 1.7 | 1.7 | 1.8 | 6.3% | ♦ |
| Venezuela | 24.1 | 26.0 | 28.3 | 29.5 | 29.7 | 33.8 | 34.2 | 32.1 | 31.9 | 33.0 | 36.2 | 10.2% | 0.9% |
| Other S. & Cent. America | 60.6 | 61.4 | 60.4 | 61.1 | 61.6 | 58.7 | 58.0 | 58.4 | 59.0 | 59.1 | 58.4 | -1.0% | 1.4% |
| Total S. & Cent. America | 227.3 | 236.3 | 242.1 | 248.6 | 262.1 | 272.8 | 272.5 | 283.2 | 290.5 | 299.2 | 311.6 | 4.4% | 7.4% |
| Austria | 14.2 | 13.9 | 14.0 | 14.2 | 13.4 | 13.4 | 12.8 | 13.4 | 12.5 | 12.5 | 12.5 | 0.6% | 0.3% |
| Azerbaijan | 4.3 | 4.5 | 5.4 | 4.8 | 4.5 | 3.6 | 3.3 | 3.2 | 4.0 | 4.2 | 4.6 | 9.8% | 0.1% |
| Belarus | 8.1 | 8.1 | 7.5 | 8.8 | 8.0 | 7.9 | 9.3 | 7.5 | 8.6 | 8.6 | 8.7 | 0.7% | 0.2% |
| Belgium | 33.8 | 33.5 | 33.5 | 33.4 | 33.7 | 36.8 | 32.2 | 33.5 | 32.3 | 30.4 | 31.0 | 2.5% | 0.7% |
| Bulgaria | 4.4 | 4.3 | 4.8 | 5.0 | 4.8 | 4.8 | 4.3 | 3.9 | 3.8 | 3.9 | 4.1 | 4.2% | 0.1% |
| Czech Republic | 8.7 | 9.5 | 9.9 | 9.8 | 9.7 | 9.9 | 9.7 | 9.2 | 9.0 | 8.9 | 8.6 | -3.9% | 0.2% |
| Denmark | 9.2 | 9.1 | 9.2 | 9.4 | 9.4 | 9.3 | 8.3 | 8.4 | 8.3 | 7.8 | 7.8 | 0.5% | 0.2% |
| Finland | 11.4 | 10.6 | 11.0 | 10.6 | 10.6 | 10.5 | 9.9 | 10.4 | 9.7 | 9.0 | 8.9 | -1.7% | 0.2% |
| France | 93.1 | 94.0 | 93.1 | 93.0 | 91.4 | 90.8 | 87.5 | 84.5 | 83.7 | 81.0 | 80.3 | -0.6% | 1.9% |
| Germany | 125.1 | 124.0 | 122.4 | 123.6 | 112.5 | 118.9 | 113.9 | 115.4 | 112.0 | 111.4 | 112.1 | 0.9% | 2.7% |
| Greece | 19.7 | 21.3 | 21.1 | 22.1 | 21.7 | 21.3 | 20.1 | 17.9 | 17.0 | 15.1 | 14.0 | -7.1% | 0.3% |
| Hungary | 6.1 | 6.3 | 7.4 | 7.8 | 7.7 | 7.5 | 7.1 | 6.7 | 6.4 | 5.9 | 6.0 | 1.6% | 0.1% |
| Republic of Ireland | 8.5 | 8.9 | 9.3 | 9.3 | 9.4 | 9.0 | 8.0 | 7.6 | 6.7 | 6.5 | 6.7 | 4.7% | 0.2% |
| Italy | 92.1 | 89.7 | 86.7 | 86.7 | 84.0 | 80.4 | 75.1 | 73.1 | 70.5 | 64.2 | 61.8 | -3.6% | 1.5% |
| Kazakhstan | 8.9 | 9.5 | 9.8 | 10.3 | 11.3 | 11.0 | 8.9 | 9.3 | 12.3 | 13.1 | 13.8 | 5.9% | 0.3% |
| Lithuania | 2.4 | 2.6 | 2.8 | 2.8 | 2.8 | 3.1 | 2.6 | 2.7 | 2.6 | 2.7 | 2.7 | 1.4% | 0.1% |
| Netherlands | 45.1 | 47.1 | 50.1 | 50.8 | 50.7 | 47.3 | 45.9 | 45.9 | 46.1 | 43.7 | 41.4 | -4.9% | 1.0% |
| Norway | 10.4 | 10.0 | 10.2 | 10.5 | 10.7 | 10.4 | 10.6 | 10.8 | 10.6 | 10.5 | 10.6 | 1.0% | 0.3% |
| Poland | 20.2 | 21.6 | 22.4 | 23.3 | 24.2 | 25.3 | 25.3 | 26.7 | 26.6 | 25.7 | 24.0 | -6.2% | 0.6% |
| Portugal | 15.2 | 15.4 | 16.0 | 14.4 | 14.4 | 13.6 | 12.8 | 12.5 | 11.6 | 10.9 | 10.8 | -0.8% | 0.3% |
| Romania | 9.4 | 10.9 | 10.5 | 10.3 | 10.3 | 10.4 | 9.2 | 8.8 | 9.1 | 9.2 | 9.0 | -1.7% | 0.2% |
| Russian Federation | 127.3 | 126.2 | 126.1 | 130.3 | 130.0 | 133.9 | 128.2 | 134.3 | 143.5 | 148.9 | 153.1 | 3.1% | 3.7% |
| Slovakia | 3.3 | 3.2 | 3.8 | 3.4 | 3.6 | 3.9 | 3.7 | 3.9 | 3.9 | 3.6 | 3.5 | -1.3% | 0.1% |
| Spain | 76.2 | 78.5 | 79.3 | 79.3 | 80.3 | 77.9 | 73.5 | 69.6 | 68.5 | 64.2 | 59.3 | -7.3% | 1.4% |
| Sweden | 17.7 | 17.5 | 17.2 | 17.2 | 16.9 | 16.7 | 15.5 | 16.2 | 14.8 | 14.6 | 14.3 | -2.0% | 0.3% |
| Switzerland | 12.1 | 12.0 | 12.2 | 12.6 | 11.3 | 12.1 | 12.3 | 11.4 | 11.0 | 11.2 | 11.8 | 5.0% | 0.3% |
| Turkey | 30.8 | 31.0 | 31.1 | 32.8 | 33.6 | 32.1 | 32.5 | 31.8 | 31.1 | 31.4 | 33.1 | 5.7% | 0.8% |
| Turkmenistan | 5.0 | 5.1 | 5.1 | 5.0 | 5.2 | 5.4 | 5.2 | 5.7 | 6.0 | 6.1 | 6.3 | 2.8% | 0.2% |
| Ukraine | 13.6 | 14.3 | 13.7 | 14.2 | 14.7 | 14.3 | 13.5 | 12.6 | 13.1 | 12.5 | 12.2 | -2.7% | 0.3% |
| United Kingdom | 79.0 | 81.7 | 83.0 | 82.3 | 79.2 | 77.9 | 74.4 | 73.5 | 71.1 | 71.0 | 69.8 | -1.4% | 1.7% |
| Uzbekistan | 7.3 | 7.4 | 5.1 | 5.1 | 4.6 | 4.5 | 4.3 | 3.7 | 3.5 | 3.3 | 3.3 | 2.1% | 0.1% |
| Other Europe & Eurasia | 28.2 | 29.7 | 30.7 | 31.4 | 32.4 | 33.0 | 32.4 | 32.6 | 32.5 | 32.0 | 32.5 | 1.6% | 0.8% |
| Total Europe & Eurasia | 950.7 | 961.3 | 964.2 | 974.3 | 957.3 | 956.8 | 912.4 | 906.4 | 902.3 | 884.2 | 878.6 | -0.4% | 21.0% |
| Iran | 71.3 | 73.4 | 80.5 | 87.4 | 89.4 | 93.3 | 95.5 | 86.7 | 88.2 | 89.5 | 92.9 | 4.0% | 2.2% |
| Israel | 12.8 | 12.0 | 12.2 | 11.9 | 12.4 | 12.2 | 11.4 | 10.9 | 11.5 | 13.6 | 10.6 | -21.9% | 0.3% |
| Kuwait | 15.6 | 17.8 | 19.5 | 17.7 | 17.9 | 19.0 | 20.4 | 21.6 | 20.4 | 21.6 | 21.8 | 1.2% | 0.5% |
| Qatar | 3.1 | 3.4 | 3.9 | 4.5 | 5.3 | 6.1 | 6.0 | 6.5 | 7.8 | 8.0 | 8.5 | 7.1% | 0.2% |
| Saudi Arabia | 81.7 | 88.3 | 88.2 | 92.3 | 98.0 | 106.7 | 115.8 | 124.2 | 125.1 | 131.3 | 135.0 | 3.1% | 3.2% |
| United Arab Emirates | 22.1 | 23.9 | 24.5 | 26.3 | 28.2 | 29.4 | 27.7 | 30.1 | 33.0 | 34.3 | 35.6 | 4.2% | 0.9% |
| Other Middle East | 59.3 | 60.9 | 63.9 | 58.8 | 62.4 | 69.4 | 70.3 | 74.2 | 75.2 | 79.5 | 80.5 | 1.5% | 1.9% |
| Total Middle East | 265.9 | 279.6 | 292.8 | 298.9 | 313.7 | 336.1 | 347.1 | 354.3 | 361.3 | 377.7 | 384.8 | 2.2% | 9.2% |
| Algeria | 10.1 | 10.6 | 11.0 | 11.5 | 12.9 | 14.0 | 14.9 | 14.8 | 15.5 | 16.7 | 17.5 | 5.0% | 0.4% |
| Egypt | 25.9 | 26.8 | 29.8 | 28.7 | 30.6 | 32.6 | 34.4 | 36.3 | 33.7 | 35.2 | 35.7 | 1.5% | 0.9% |
| South Africa | 23.9 | 24.7 | 24.8 | 25.3 | 26.6 | 25.7 | 24.2 | 26.6 | 27.4 | 27.3 | 27.2 | -0.1% | 0.7% |
| Other Africa | 66.0 | 69.9 | 73.2 | 73.2 | 75.2 | 80.9 | 82.6 | 86.5 | 81.9 | 86.8 | 90.5 | 4.6% | 2.2% |
| Total Africa | 125.9 | 132.0 | 138.9 | 138.7 | 145.3 | 153.3 | 156.1 | 164.3 | 158.5 | 166.1 | 170.9 | 3.2% | 4.1% |
| Australia | 38.8 | 39.6 | 40.8 | 42.1 | 42.5 | 43.3 | 42.8 | 43.6 | 45.8 | 47.3 | 47.0 | -0.4% | 1.1% |
| Bangladesh | 4.0 | 4.2 | 4.3 | 4.3 | 4.2 | 4.2 | 3.7 | 4.3 | 5.5 | 5.8 | 5.7 | -1.7% | 0.1% |
| China | 271.7 | 318.9 | 327.8 | 354.5 | 370.6 | 377.6 | 391.0 | 440.4 | 464.1 | 490.1 | 507.4 | 3.8% | 12.1% |
| China Hong Kong SAR | 13.0 | 15.4 | 13.8 | 15.0 | 16.1 | 14.6 | 16.6 | 17.9 | 18.1 | 17.3 | 17.7 | 2.6% | 0.4% |
| India | 116.5 | 119.5 | 121.9 | 128.3 | 138.1 | 144.7 | 152.6 | 155.4 | 163.0 | 173.6 | 175.2 | 1.2% | 4.2% |
| Indonesia | 57.9 | 61.7 | 60.7 | 58.5 | 60.9 | 60.4 | 61.6 | 66.4 | 72.3 | 73.2 | 73.8 | 1.1% | 1.8% |
| Japan | 251.9 | 245.5 | 248.8 | 239.6 | 232.6 | 226.3 | 201.8 | 204.1 | 204.9 | 217.8 | 208.9 | -3.8% | 5.0% |
| Malaysia | 27.6 | 28.0 | 28.0 | 28.9 | 30.8 | 29.5 | 29.2 | 29.3 | 31.1 | 30.7 | 31.2 | 2.0% | 0.7% |
| New Zealand | 6.8 | 6.8 | 7.0 | 7.1 | 7.1 | 7.2 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 | 2.1% | 0.2% |
| Pakistan | 15.8 | 16.0 | 15.3 | 17.6 | 19.3 | 19.4 | 20.8 | 20.6 | 20.8 | 20.0 | 22.0 | 10.3% | 0.5% |
| Philippines | 15.5 | 15.9 | 14.8 | 13.3 | 14.1 | 12.4 | 13.2 | 13.2 | 12.9 | 13.0 | 13.7 | 5.5% | 0.3% |
| Singapore | 35.4 | 39.4 | 43.1 | 46.4 | 50.4 | 53.6 | 57.0 | 62.8 | 65.5 | 65.4 | 65.9 | 1.1% | 1.6% |
| South Korea | 106.4 | 104.6 | 104.6 | 104.7 | 107.6 | 103.1 | 103.7 | 105.0 | 105.8 | 108.8 | 108.4 | ♦ | 2.6% |
| Taiwan | 47.5 | 49.6 | 49.4 | 49.2 | 51.2 | 45.8 | 44.0 | 45.3 | 42.5 | 41.9 | 43.4 | 3.9% | 1.0% |
| Thailand | 38.3 | 41.7 | 42.6 | 42.2 | 41.6 | 41.2 | 44.2 | 44.3 | 46.6 | 49.6 | 50.4 | 2.0% | 1.2% |
| Vietnam | 10.5 | 12.5 | 12.2 | 12.0 | 13.3 | 14.1 | 14.6 | 15.6 | 17.0 | 17.2 | 17.4 | 2.0% | 0.4% |
| Other Asia Pacific | 14.6 | 14.9 | 15.7 | 15.5 | 16.5 | 15.6 | 16.4 | 16.8 | 19.3 | 19.5 | 19.6 | 0.8% | 0.5% |
| Total Asia Pacific | 1072.4 | 1134.1 | 1150.9 | 1179.2 | 1216.9 | 1213.0 | 1219.9 | 1292.0 | 1342.3 | 1398.1 | 1415.0 | 1.5% | 33.8% |
| Total World | 3725.2 | 3869.1 | 3919.3 | 3959.3 | 4018.4 | 4000.2 | 3924.6 | 4040.2 | 4085.1 | 4138.9 | 4185.1 | 1.4% | 100.0% |
| of which: OECD | 2249.4 | 2292.3 | 2306.2 | 2292.7 | 2278.9 | 2211.6 | 2099.5 | 2115.8 | 2093.3 | 2072.9 | | | |

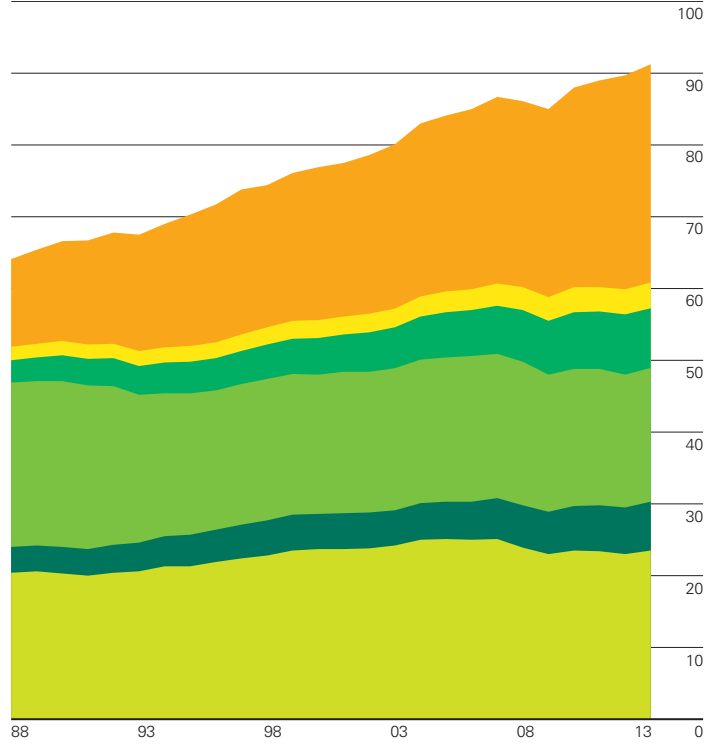
Production by region

Million barrels daily



Consumption by region

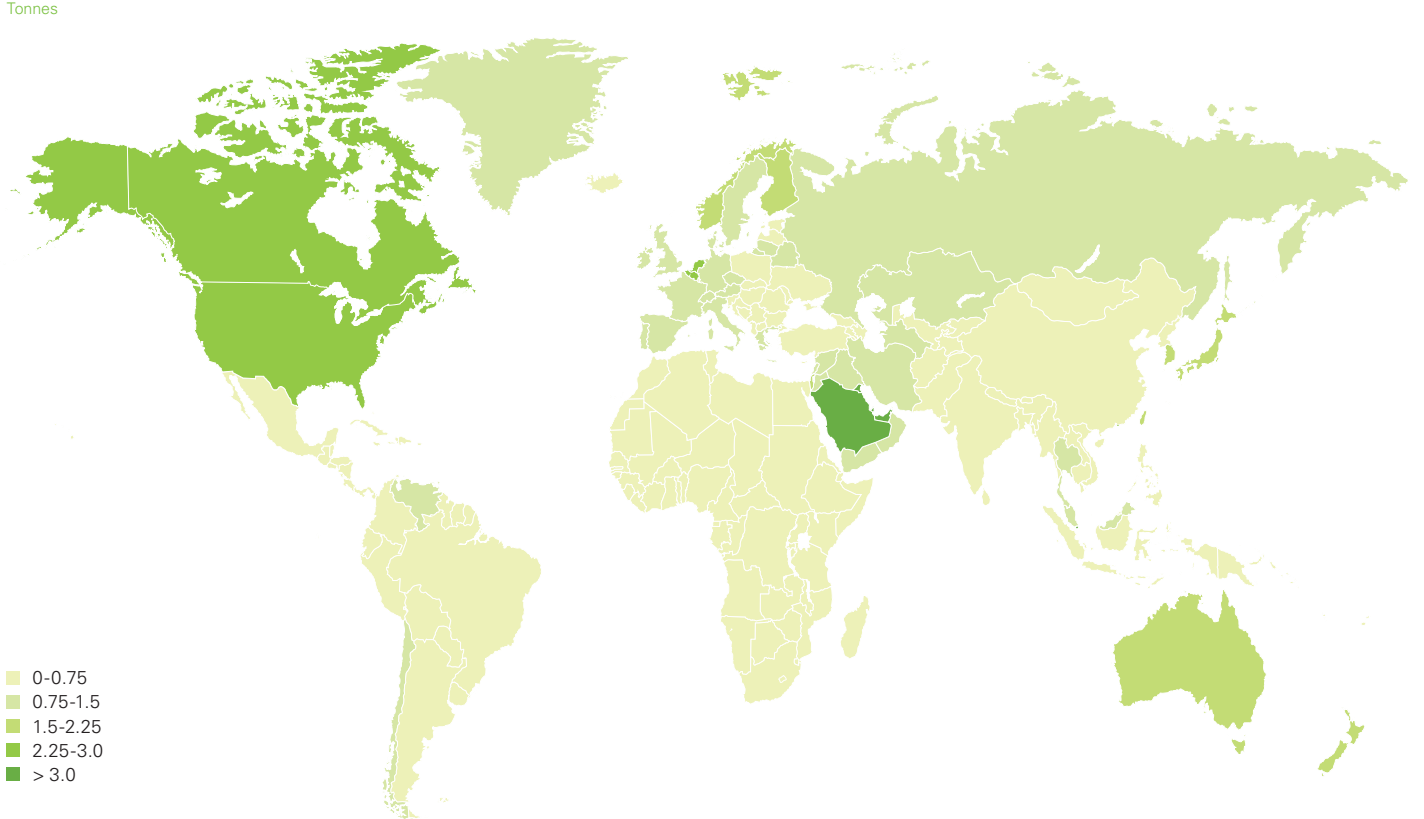
Million barrels daily



World oil production increased by just 550,000 b/d in 2013, less than half the growth of global consumption. Global consumption grew by an above-average 1.4 million b/d, with emerging economies accounting for all of the net increase. Even so, the US had the biggest increase in the world for consumption, as well as production, which grew by 400,000 b/d and 1.1 million b/d respectively. OPEC output fell by 600,000 b/d, driven by a decline of 520,000 b/d in Libya.

Consumption per capita 2013

Tonnes



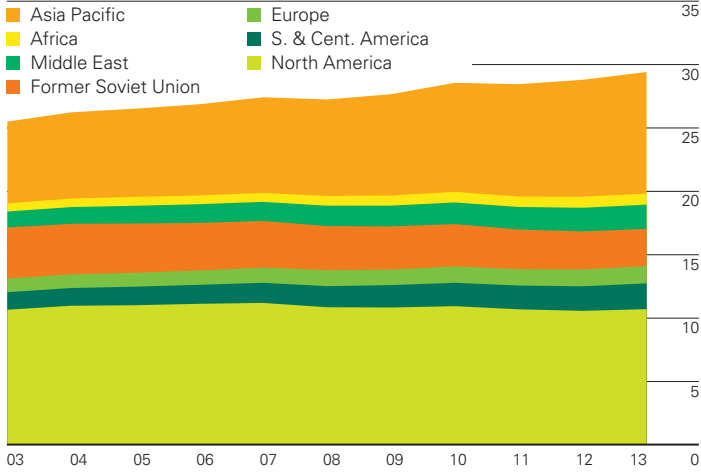
Regional consumption by product group

| Thousand barrels daily | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| North America | | | | | | | | | | | 10709 | 1.3% | 46.0% |
| Light distillates | 10666 | 10978 | 11019 | 11131 | 11200 | 10859 | 10839 | 10943 | 10697 | 10574 | 6531 | 1.3% | 28.0% |
| Middle distillates | 6860 | 7133 | 7249 | 7297 | 7318 | 6934 | 6281 | 6567 | 6694 | 6408 | 578 | -12.5% | 2.5% |
| Fuel oil | 1253 | 1340 | 1396 | 1055 | 1081 | 941 | 801 | 810 | 745 | 660 | 5473 | 3.2% | 23.5% |
| Others | 5392 | 5572 | 5455 | 5519 | 5509 | 5126 | 5035 | 5190 | 5193 | 5306 | | | |
| Total North America | 24170 | 25023 | 25119 | 25002 | 25109 | 23860 | 22957 | 23510 | 23329 | 22948 | 23292 | 1.5% | 100.0% |
| of which: US | | | | | | | | | | | | | |
| Light distillates | 9275 | 9518 | 9548 | 9599 | 9597 | 9253 | 9257 | 9263 | 9022 | 8932 | 9056 | 1.4% | 47.9% |
| Middle distillates | 5886 | 6116 | 6198 | 6226 | 6199 | 5801 | 5241 | 5464 | 5518 | 5278 | 5365 | 1.7% | 28.4% |
| Fuel oil | 763 | 859 | 914 | 683 | 718 | 609 | 508 | 532 | 459 | 367 | 320 | -12.9% | 1.7% |
| Others | 4109 | 4239 | 4143 | 4178 | 4166 | 3827 | 3766 | 3921 | 3883 | 3913 | 4146 | 6.0% | 22.0% |
| Total US | 20033 | 20732 | 20802 | 20687 | 20680 | 19490 | 18771 | 19180 | 18882 | 18490 | 18887 | 2.1% | 100.0% |
| S. & Cent. America | | | | | | | | | | | | | |
| Light distillates | 1382 | 1400 | 1465 | 1498 | 1588 | 1667 | 1768 | 1846 | 1877 | 1938 | 2039 | 5.2% | 30.1% |
| Middle distillates | 1729 | 1872 | 1884 | 1912 | 2100 | 2161 | 2137 | 2343 | 2471 | 2587 | 2712 | 4.9% | 40.0% |
| Fuel oil | 708 | 713 | 714 | 732 | 746 | 747 | 725 | 699 | 659 | 664 | 678 | 2.1% | 10.0% |
| Others | 1052 | 1071 | 1136 | 1198 | 1227 | 1307 | 1283 | 1267 | 1299 | 1289 | 1345 | 4.4% | 19.9% |
| Total S. & Cent. America | 4872 | 5056 | 5200 | 5340 | 5661 | 5881 | 5913 | 6155 | 6306 | 6478 | 6775 | 4.6% | 100.0% |
| Europe | | | | | | | | | | | | | |
| Light distillates | 4033 | 3993 | 3890 | 3757 | 3683 | 3481 | 3405 | 3350 | 3125 | 3002 | 2941 | -2.0% | 20.9% |
| Middle distillates | 7129 | 7338 | 7527 | 7703 | 7583 | 7802 | 7532 | 7548 | 7524 | 7413 | 7439 | 0.3% | 52.8% |
| Fuel oil | 1831 | 1751 | 1746 | 1711 | 1611 | 1545 | 1378 | 1256 | 1189 | 1060 | 957 | -9.7% | 6.8% |
| Others | 3080 | 3141 | 3194 | 3241 | 3212 | 3144 | 2978 | 2950 | 2878 | 2728 | 2749 | 0.8% | 19.5% |
| Total Europe | 16073 | 16222 | 16358 | 16414 | 16089 | 15973 | 15294 | 15104 | 14716 | 14203 | 14086 | -0.8% | 100.0% |
| Former Soviet Union | | | | | | | | | | | | | |
| Light distillates | 1079 | 1081 | 1097 | 1138 | 1206 | 1264 | 1234 | 1292 | 1297 | 1338 | 1362 | 1.8% | 29.9% |
| Middle distillates | 1089 | 1124 | 1152 | 1203 | 1285 | 1345 | 1221 | 1334 | 1481 | 1540 | 1573 | 2.2% | 34.5% |
| Fuel oil | 605 | 542 | 521 | 573 | 461 | 436 | 408 | 380 | 384 | 376 | 391 | 4.0% | 8.6% |
| Others | 1040 | 1094 | 1059 | 1029 | 1042 | 996 | 1024 | 977 | 1131 | 1180 | 1233 | 4.4% | 27.0% |
| Total Former Soviet Union | 3814 | 3840 | 3829 | 3943 | 3993 | 4040 | 3887 | 3984 | 4293 | 4434 | 4559 | 2.8% | 100.0% |
| Middle East | | | | | | | | | | | | | |
| Light distillates | 1258 | 1318 | 1404 | 1478 | 1505 | 1612 | 1643 | 1706 | 1784 | 1866 | 1915 | 2.6% | 22.5% |
| Middle distillates | 1804 | 1908 | 2046 | 2092 | 2240 | 2287 | 2390 | 2425 | 2544 | 2667 | 2662 | -0.2% | 31.2% |
| Fuel oil | 1392 | 1447 | 1478 | 1482 | 1590 | 1760 | 1894 | 1927 | 1957 | 2036 | 2106 | 3.5% | 24.7% |
| Others | 1216 | 1267 | 1407 | 1403 | 1420 | 1548 | 1581 | 1709 | 1719 | 1785 | 1843 | 3.3% | 21.6% |
| Total Middle East | 5670 | 5941 | 6335 | 6456 | 6755 | 7206 | 7508 | 7767 | 8004 | 8353 | 8526 | 2.1% | 100.0% |
| Africa | | | | | | | | | | | | | |
| Light distillates | 643 | 678 | 705 | 689 | 710 | 766 | 799 | 840 | 824 | 872 | 872 | ♦ | 24.1% |
| Middle distillates | 1168 | 1201 | 1256 | 1312 | 1413 | 1498 | 1519 | 1616 | 1621 | 1663 | 1734 | 4.2% | 47.8% |
| Fuel oil | 395 | 403 | 457 | 422 | 421 | 432 | 431 | 453 | 383 | 415 | 442 | 6.5% | 12.2% |
| Others | 448 | 490 | 502 | 503 | 524 | 540 | 557 | 570 | 548 | 570 | 577 | 1.2% | 15.9% |
| Total Africa | 2654 | 2771 | 2920 | 2927 | 3068 | 3235 | 3306 | 3479 | 3374 | 3519 | 3624 | 3.0% | 100.0% |
| Asia | | | | | | | | | | | | | |
| Light distillates | 6460 | 6810 | 6968 | 7202 | 7553 | 7625 | 7998 | 8610 | 8875 | 9237 | 9604 | 4.0% | 31.5% |
| Middle distillates | 8356 | 8799 | 9045 | 9129 | 9288 | 9394 | 9453 | 9916 | 10321 | 10717 | 10829 | 1.1% | 35.5% |
| Fuel oil | 3473 | 3492 | 3473 | 3622 | 3626 | 3458 | 3124 | 3131 | 3251 | 3425 | 3253 | -5.0% | 10.7% |
| Others | 4673 | 5101 | 5143 | 5291 | 5613 | 5475 | 5672 | 6145 | 6464 | 6619 | 6783 | 2.5% | 22.3% |
| Total Asia Pacific | 22962 | 24202 | 24629 | 25244 | 26080 | 25952 | 26247 | 27802 | 28912 | 29997 | 30470 | 1.6% | 100.0% |
| of which: China | | | | | | | | | | | | | |
| Light distillates | 1498 | 1681 | 1787 | 1938 | 2048 | 2202 | 2377 | 2767 | 2970 | 3130 | 3329 | 6.4% | 30.9% |
| Middle distillates | 1938 | 2277 | 2518 | 2713 | 2869 | 3079 | 3178 | 3430 | 3660 | 3951 | 4001 | 1.2% | 37.2% |
| Fuel oil | 869 | 943 | 893 | 989 | 923 | 804 | 713 | 715 | 662 | 694 | 751 | 8.3% | 7.0% |
| Others | 1467 | 1838 | 1746 | 1860 | 2020 | 1909 | 2038 | 2404 | 2574 | 2592 | 2676 | 3.2% | 24.9% |
| Total China | 5771 | 6740 | 6945 | 7500 | 7860 | 7994 | 8306 | 9317 | 9867 | 10367 | 10756 | 3.8% | 100.0% |
| of which: Japan | | | | | | | | | | | | | |
| Light distillates | 1755 | 1766 | 1817 | 1794 | 1770 | 1650 | 1669 | 1728 | 1664 | 1636 | 1663 | 1.7% | 36.6% |
| Middle distillates | 1913 | 1869 | 1878 | 1760 | 1621 | 1502 | 1381 | 1391 | 1343 | 1360 | 1352 | -0.5% | 29.7% |
| Fuel oil | 749 | 653 | 676 | 657 | 657 | 707 | 450 | 442 | 577 | 811 | 639 | -21.2% | 14.0% |
| Others | 1039 | 1019 | 1021 | 999 | 1005 | 1024 | 922 | 913 | 887 | 901 | 895 | -0.6% | 19.7% |
| Total Japan | 5456 | 5308 | 5391 | 5210 | 5053 | 4882 | 4422 | 4474 | 4470 | 4709 | 4551 | -3.4% | 100.0% |
| World | | | | | | | | | | | | | |
| Light distillates | 25522 | 26258 | 26549 | 26893 | 27444 | 27273 | 27685 | 28588 | 28480 | 28826 | 29442 | 2.1% | 32.2% |
| Middle distillates | 28135 | 29375 | 30159 | 30649 | 31227 | 31420 | 30534 | 31749 | 32656 | 32994 | 33480 | 1.5% | 36.7% |
| Fuel oil | 9658 | 9688 | 9786 | 9599 | 9536 | 9318 | 8761 | 8657 | 8567 | 8636 | 8405 | -2.7% | 9.2% |
| Others | 16902 | 17734 | 17896 | 18185 | 18547 | 18137 | 18131 | 18807 | 19231 | 19476 | 20003 | 2.7% | 21.9% |
| Total World | 80216 | 83055 | 84389 | 85325 | 86754 | 86147 | 85111 | 87801 | 88934 | 89931 | 91331 | 1.6% | 100.0% |
| OECD | | | | | | | | | | | | | |
| Light distillates | 17741 | 17984 | 18021 | 18009 | 18098 | 17412 | 17390 | 17548 | 17080 | 16911 | 17014 | 0.6% | 37.3% |
| Middle distillates | 16906 | 17329 | 17669 | 17783 | 17609 | 17303 | 16226 | 16576 | 16668 | 16344 | 16480 | 0.8% | 36.2% |
| Fuel oil | 4230 | 4138 | 4203 | 3799 | 3717 | 3508 | 2908 | 2768 | 2745 | 2773 | 2370 | -14.5% | 5.2% |
| Others | 10057 | 10262 | 10185 | 10297 | 10266 | 9862 | 9533 | 9617 | 9546 | 9517 | 9693 | 1.8% | 21.3% |
| Total OECD | 48934 | 49713 | 50078 | 49888 | 49690 | 48085 | 46057 | 46509 | 46040 | 45545 | 45558 | ♦ | 100.0% |
| Non-OECD | | | | | | | | | | | | | |
| Light distillates | 7782 | 8273 | 8528 | 8883 | 9346 | 9861 | 10295 | 11040 | 11400 | 11915 | 12428 | 4.3% | 27.2% |
| Middle distillates | 11228 | 12046 | 12490 | 12866 | 13618 | 14117 | 14308 | 15173 | 15988 | 16649 | 16999 | 2.1% | 37.1% |
| Fuel oil | 5427 | 5550 | 5583 | 5800 | 5819 | 5810 | 5853 | 5889 | 5821 | 5863 | 6035 | 2.9% | 13.2% |
| Others | 6845 | 7473 | 7711 | 7888 | 8281 | 8275 | 8598 | 9189 | 9684 | 9959 | 10311 | 3.5% | 22.5% |
| Total Non-OECD | 31282 | 33342 | 34311 | 35437 | 37064 | 38062 | 39054 | 41292 | 42894 | 44386 | 45773 | 3.1% | 100.0% |
| European Union | | | | | | | | | | | | | |
| Light distillates | 3805 | 3755 | 3665 | 3528 | 3476 | 3290 | 3185 | 3142 | 2933 | 2816 | 2753 | -2.2% | 21.6% |
| Middle distillates | 6621 | 6810 | 6981 | 7114 | 6978 | 7160 | 6892 | 6920 | 6885 | 6750 | 6735 | -0.2% | 52.7% |
| Fuel oil | 1649 | 1601 | 1603 | 1587 | 1502 | 1451 | 1289 | 1190 | 1118 | 992 | 889 | -10.4% | 7.0% |
| Others | 2793 | 2835 | 2874 | 2895 | 2846 | 2810 | 2611 | 2575 | 2520 | 2389 | 2393 | 0.2% | 18.7% |
| Total European Union | 14866 | 15002 | 15123</ | | | | | | | | | | |

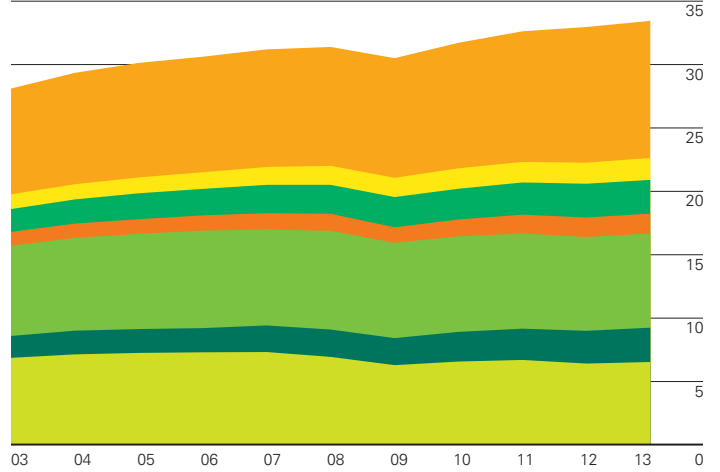
Product consumption by region

Million barrels daily

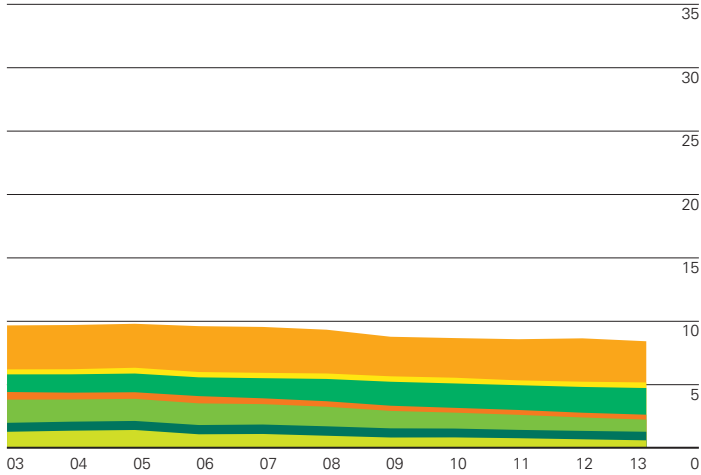
Light distillates



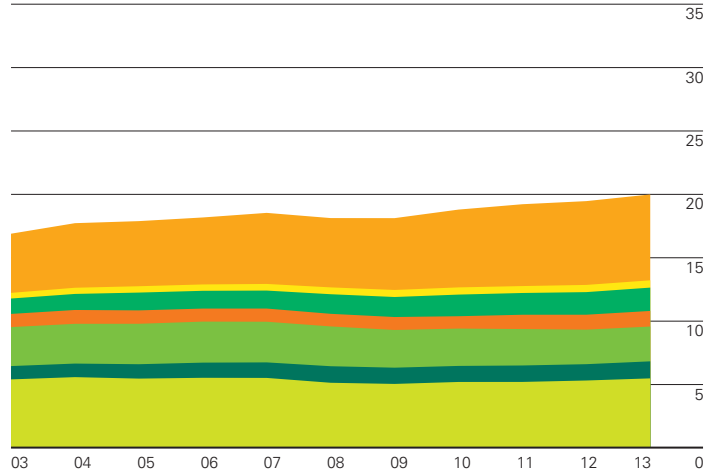
Middle distillates



Fuel oil



Others



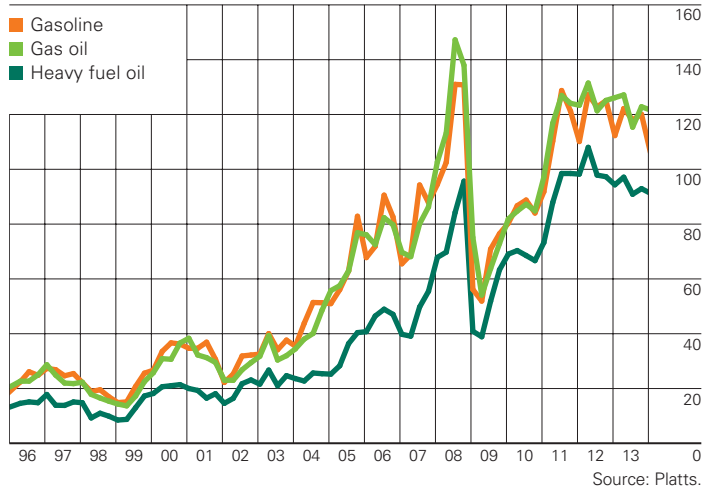
Rotterdam product prices

US dollars per barrel



US Gulf Coast product prices

US dollars per barrel



Spot crude prices

| US dollars per barrel | Dubai \$/bbl* | Brent \$/bbl† | Nigerian Forcados \$/bbl | West Texas Intermediate \$/bbl‡ |
|-----------------------|------------------|------------------|--------------------------------|---------------------------------------|
| 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 | 15.10 |
| 1987 | 16.95 | 18.44 | 18.39 | 19.18 |
| 1988 | 13.27 | 14.92 | 15.00 | 15.97 |
| 1989 | 15.62 | 18.23 | 18.30 | 19.68 |
| 1990 | 20.45 | 23.73 | 23.85 | 24.50 |
| 1991 | 16.63 | 20.00 | 20.11 | 21.54 |
| 1992 | 17.17 | 19.32 | 19.61 | 20.57 |
| 1993 | 14.93 | 16.97 | 17.41 | 18.45 |
| 1994 | 14.74 | 15.82 | 16.25 | 17.21 |
| 1995 | 16.10 | 17.02 | 17.26 | 18.42 |
| 1996 | 18.52 | 20.67 | 21.16 | 22.16 |
| 1997 | 18.23 | 19.09 | 19.33 | 20.61 |
| 1998 | 12.21 | 12.72 | 12.62 | 14.39 |
| 1999 | 17.25 | 17.97 | 18.00 | 19.31 |
| 2000 | 26.20 | 28.50 | 28.42 | 30.37 |
| 2001 | 22.81 | 24.44 | 24.23 | 25.93 |
| 2002 | 23.74 | 25.02 | 25.04 | 26.16 |
| 2003 | 26.78 | 28.83 | 28.66 | 31.07 |
| 2004 | 33.64 | 38.27 | 38.13 | 41.49 |
| 2005 | 49.35 | 54.52 | 55.69 | 56.59 |
| 2006 | 61.50 | 65.14 | 67.07 | 66.02 |
| 2007 | 68.19 | 72.39 | 74.48 | 72.20 |
| 2008 | 94.34 | 97.26 | 101.43 | 100.06 |
| 2009 | 61.39 | 61.67 | 63.35 | 61.92 |
| 2010 | 78.06 | 79.50 | 81.05 | 79.45 |
| 2011 | 106.18 | 111.26 | 113.65 | 95.04 |
| 2012 | 109.08 | 111.67 | 114.21 | 94.13 |
| 2013 | 105.47 | 108.66 | 111.95 | 97.99 |

*1976-1985 Arabian Light, 1986-2013 Dubai dated.

†1976-1983 Forties, 1984-2013 Brent dated.

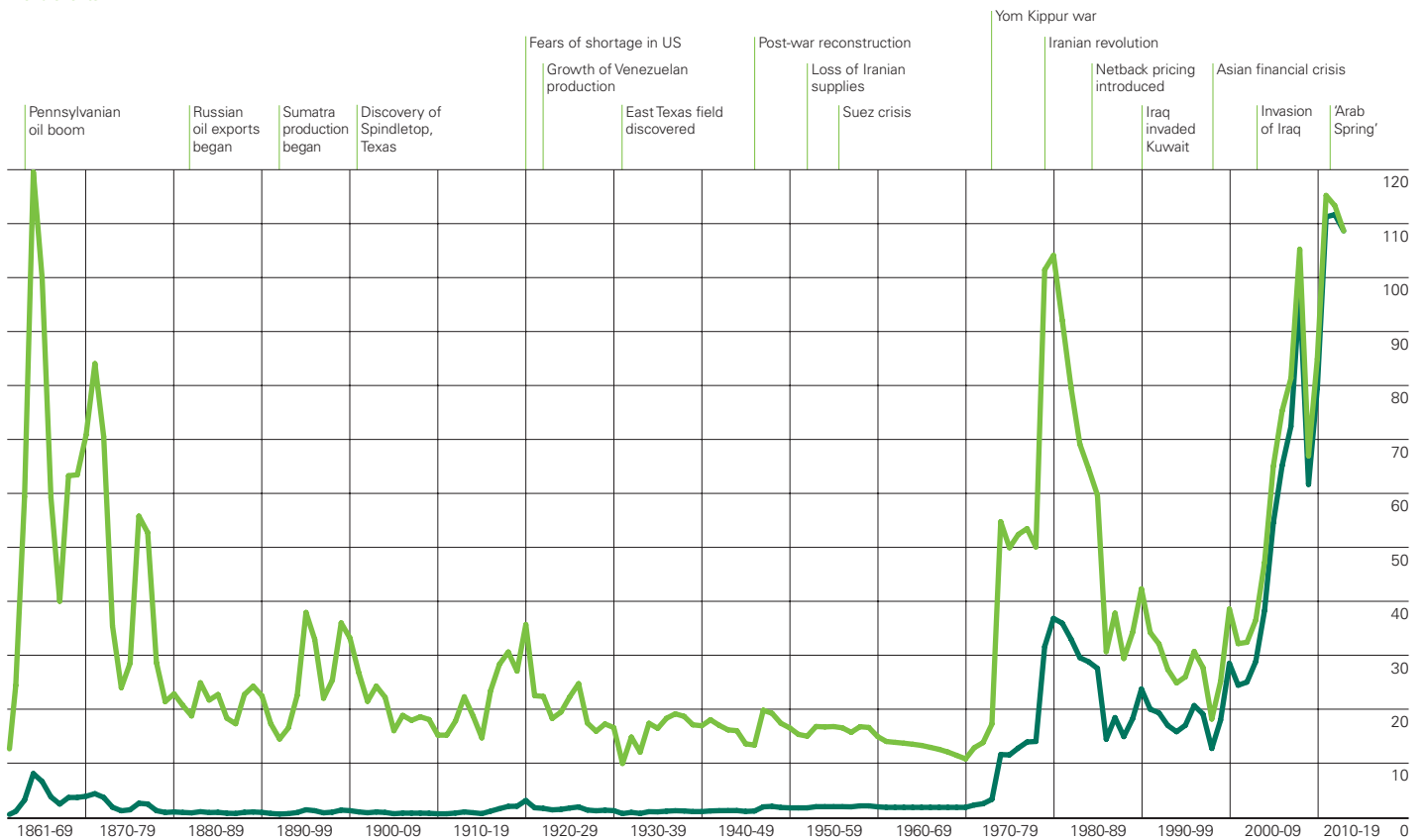
‡1976-1983 Posted WTI prices, 1984-2013 Spot WTI (Cushing) prices.

Source: Platts.

Crude oil prices 1861-2013

US dollars per barrel

World events



■ \$ 2013
■ \$ money of the day

1861-1944 US average.

1945-1983 Arabian Light posted at Ras Tanura.

1984-2013 Brent dated.

Refinery capacities

| Thousand barrels daily* | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 16894 | 17125 | 17339 | 17443 | 17594 | 17672 | 17584 | 17736 | 17322 | 17824 | 17818 | ♦ | 18.8% |
| Canada | 1959 | 1915 | 1896 | 1914 | 1907 | 1951 | 1976 | 1951 | 2046 | 2063 | 1965 | -4.7% | 2.1% |
| Mexico | 1463 | 1463 | 1463 | 1463 | 1463 | 1463 | 1463 | 1463 | 1606 | 1606 | 1606 | - | 1.7% |
| Total North America | 20316 | 20503 | 20698 | 20821 | 20964 | 21086 | 21023 | 21151 | 20974 | 21492 | 21389 | -0.5% | 22.5% |
| Argentina | 614 | 617 | 621 | 617 | 628 | 628 | 630 | 633 | 640 | 645 | 663 | 2.8% | 0.7% |
| Brazil | 1915 | 1915 | 1916 | 1916 | 1935 | 2045 | 2093 | 2093 | 2010 | 2000 | 2093 | 4.6% | 2.2% |
| Netherlands Antilles | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 | - | 0.3% |
| Venezuela | 1269 | 1284 | 1291 | 1294 | 1303 | 1303 | 1303 | 1303 | 1303 | 1303 | 1353 | 3.8% | 1.4% |
| Other S. & Cent. America | 2229 | 2235 | 2254 | 2263 | 2313 | 2359 | 2328 | 2298 | 2195 | 1626 | 1600 | -1.6% | 1.7% |
| Total S. & Cent. America | 6347 | 6371 | 6402 | 6410 | 6499 | 6655 | 6674 | 6647 | 6468 | 5894 | 6029 | 2.3% | 6.4% |
| Belgium | 805 | 782 | 778 | 774 | 745 | 745 | 823 | 813 | 823 | 786 | 810 | 3.1% | 0.9% |
| France | 1967 | 1982 | 1978 | 1959 | 1962 | 1971 | 1873 | 1702 | 1610 | 1639 | 1520 | -7.2% | 1.6% |
| Germany | 2304 | 2320 | 2322 | 2390 | 2390 | 2366 | 2362 | 2091 | 2077 | 2097 | 2061 | -1.7% | 2.2% |
| Greece | 412 | 412 | 418 | 425 | 425 | 425 | 425 | 440 | 495 | 498 | 498 | - | 0.5% |
| Italy | 2485 | 2497 | 2515 | 2526 | 2497 | 2396 | 2396 | 2396 | 2311 | 2200 | 2062 | -6.3% | 2.2% |
| Netherlands | 1282 | 1284 | 1274 | 1274 | 1236 | 1280 | 1280 | 1274 | 1276 | 1274 | 1274 | - | 1.3% |
| Norway | 310 | 310 | 316 | 316 | 316 | 316 | 316 | 316 | 316 | 316 | 316 | - | 0.3% |
| Russian Federation | 5320 | 5328 | 5400 | 5484 | 5498 | 5419 | 5401 | 5511 | 5589 | 5785 | 6027 | 4.2% | 6.3% |
| Spain | 1347 | 1372 | 1377 | 1362 | 1362 | 1362 | 1362 | 1416 | 1416 | 1537 | 1537 | - | 1.6% |
| Sweden | 422 | 422 | 422 | 422 | 422 | 422 | 422 | 422 | 434 | 434 | 434 | - | 0.5% |
| Turkey | 713 | 693 | 613 | 613 | 613 | 613 | 613 | 613 | 613 | 613 | 613 | - | 0.6% |
| United Kingdom | 1813 | 1848 | 1819 | 1836 | 1819 | 1827 | 1757 | 1757 | 1787 | 1526 | 1526 | - | 1.6% |
| Other Europe & Eurasia | 5600 | 5576 | 5539 | 5427 | 5464 | 5450 | 5492 | 5606 | 5513 | 5220 | 5208 | -0.2% | 5.5% |
| Total Europe & Eurasia | 24780 | 24826 | 24772 | 24807 | 24750 | 24592 | 24521 | 24358 | 24262 | 23926 | 23887 | -0.2% | 25.2% |
| Iran | 1607 | 1642 | 1642 | 1727 | 1772 | 1805 | 1860 | 1860 | 1860 | 1892 | 1970 | 4.1% | 2.1% |
| Iraq | 750 | 750 | 753 | 758 | 765 | 754 | 786 | 907 | 996 | 1042 | 1129 | 8.3% | 1.2% |
| Kuwait | 914 | 936 | 936 | 936 | 936 | 936 | 936 | 936 | 936 | 936 | 936 | - | 1.0% |
| Saudi Arabia | 1894 | 2079 | 2107 | 2107 | 2107 | 2107 | 2107 | 2107 | 2117 | 2122 | 2522 | 18.9% | 2.7% |
| United Arab Emirates | 645 | 620 | 620 | 620 | 625 | 680 | 700 | 700 | 705 | 710 | 710 | - | 0.7% |
| Other Middle East | 1248 | 1248 | 1248 | 1298 | 1381 | 1390 | 1536 | 1541 | 1553 | 1553 | 1555 | 0.1% | 1.6% |
| Total Middle East | 7058 | 7275 | 7306 | 7446 | 7586 | 7672 | 7925 | 8051 | 8167 | 8255 | 8822 | 6.9% | 9.3% |
| Total Africa | 3141 | 3058 | 3154 | 3017 | 3034 | 3148 | 3009 | 3203 | 3152 | 3350 | 3517 | 5.0% | 3.7% |
| Australia | 756 | 763 | 711 | 694 | 733 | 734 | 734 | 740 | 742 | 663 | 662 | -0.2% | 0.7% |
| China | 6295 | 6603 | 7165 | 7865 | 8399 | 8722 | 9479 | 10302 | 10834 | 11933 | 12598 | 5.6% | 13.3% |
| India | 2293 | 2558 | 2558 | 2872 | 2983 | 2992 | 3574 | 3703 | 3795 | 4279 | 4319 | 0.9% | 4.5% |
| Indonesia | 1057 | 1057 | 1057 | 1127 | 1150 | 1052 | 1085 | 1139 | 1116 | 1041 | 1072 | 3.0% | 1.1% |
| Japan | 4645 | 4531 | 4531 | 4588 | 4650 | 4650 | 4630 | 4291 | 4274 | 4254 | 4123 | -3.1% | 4.3% |
| Singapore | 1255 | 1255 | 1255 | 1255 | 1255 | 1385 | 1385 | 1385 | 1395 | 1395 | 1395 | - | 1.5% |
| South Korea | 2598 | 2598 | 2598 | 2633 | 2671 | 2712 | 2712 | 2712 | 2860 | 2887 | 2887 | - | 3.0% |
| Taiwan | 1159 | 1159 | 1159 | 1140 | 1197 | 1197 | 1197 | 1197 | 1197 | 1197 | 1197 | - | 1.3% |
| Thailand | 1068 | 1068 | 1078 | 1125 | 1125 | 1195 | 1255 | 1260 | 1260 | 1260 | 1267 | 0.6% | 1.3% |
| Other Asia Pacific | 1416 | 1408 | 1431 | 1440 | 1452 | 1471 | 1634 | 1678 | 1697 | 1704 | 1765 | 3.6% | 1.9% |
| Total Asia Pacific | 22541 | 22999 | 23543 | 24739 | 25615 | 26110 | 27684 | 28407 | 29169 | 30612 | 31284 | 2.2% | 33.0% |
| Total World | 84182 | 85033 | 85875 | 87240 | 88447 | 89262 | 90836 | 91816 | 92192 | 93529 | 94929 | 1.5% | 100.0% |
| of which: OECD | 44986 | 45133 | 45210 | 45459 | 45679 | 45780 | 45634 | 45115 | 45013 | 45179 | 44704 | -1.1% | 47.1% |
| Non-OECD | 39196 | 39900 | 40665 | 41781 | 42768 | 43482 | 45202 | 46701 | 47178 | 48350 | 50225 | 3.9% | 52.9% |
| European Union | 15911 | 15985 | 15993 | 16023 | 15951 | 15825 | 15724 | 15425 | 15343 | 15021 | 14736 | -1.9% | 15.5% |
| Former Soviet Union | 7702 | 7690 | 7702 | 7726 | 7741 | 7712 | 7720 | 7856 | 7840 | 7856 | 8068 | 2.7% | 8.5% |

*Atmospheric distillation capacity on a calendar-day basis.

♦Less than 0.05%.

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

Source: Includes data from ICIS ATEC.

Refinery throughputs

| Thousand barrels daily* | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 15304 | 15475 | 15220 | 15242 | 15156 | 14648 | 14336 | 14724 | 14806 | 14999 | 15315 | 2.1% | 20.1% |
| Canada | 1880 | 1957 | 1883 | 1835 | 1908 | 1839 | 1773 | 1832 | 1734 | 1795 | 1762 | -1.8% | 2.3% |
| Mexico | 1436 | 1436 | 1415 | 1407 | 1395 | 1392 | 1392 | 1184 | 1166 | 1199 | 1224 | 2.1% | 1.6% |
| S. & Cent. America | 5009 | 5401 | 5380 | 5334 | 5456 | 5369 | 4900 | 4850 | 5053 | 4657 | 4786 | 2.8% | 6.3% |
| Europe & Eurasia | 19920 | 20371 | 20736 | 20783 | 20716 | 20635 | 19509 | 19627 | 19491 | 19538 | 19142 | -2.0% | 25.1% |
| Middle East | 5602 | 5796 | 6008 | 6300 | 6397 | 6396 | 6241 | 6338 | 6517 | 6388 | 6353 | -0.5% | 8.3% |
| Africa | 2301 | 2304 | 2491 | 2372 | 2372 | 2457 | 2292 | 2449 | 2169 | 2206 | 2177 | -1.3% | 2.9% |
| Australasia | 823 | 820 | 757 | 749 | 767 | 756 | 762 | 756 | 789 | 779 | 735 | -5.7% | 1.0% |
| China | 4823 | 5382 | 5916 | 6155 | 6563 | 6953 | 7488 | 8571 | 9059 | 9199 | 9648 | 4.9% | 12.6% |
| India | 2380 | 2559 | 2561 | 2860 | 3107 | 3213 | 3641 | 3899 | 4085 | 4302 | 4462 | 3.7% | 5.8% |
| Japan | 4118 | 4038 | 4136 | 4026 | 3995 | 3946 | 3627 | 3619 | 3410 | 3400 | 3453 | 1.5% | 4.5% |
| Other Asia Pacific | 6938 | 7364 | 7491 | 7482 | 7521 | 7387 | 7288 | 7397 | 7390 | 7436 | 7227 | -2.8% | 9.5% |
| Total World | 70534 | 72903 | 73995 | 74545 | 75354 | 74992 | 73249 | 75245 | 75668 | 75899 | 76284 | 0.5% | 100.0% |
| of which: OECD | 39814 | 40368 | 40166 | 39980 | 39720 | 38791 | 36975 | 37242 | 36904 | 37196 | 36856 | -0.9% | 48.3% |
| Non-OECD | 30720 | 32535 | 33828 | 34566 | 35634 | 36201 | 36275 | 38003 | 38764 | 38702 | 39428 | 1.9% | 51.7% |
| European Union | 13784 | 14131 | 14203 | 14038 | 13805 | 13682 | 12681 | 12597 | 12245 | 12206 | 11620 | -4.8% | 15.2% |
| Former Soviet Union | 5276 | 5417 | 5713 | 5873 | 6017 | 6188 | 6170 | 6401 | 6592 | 6683 | 6832 | 2.2% | 9.0% |

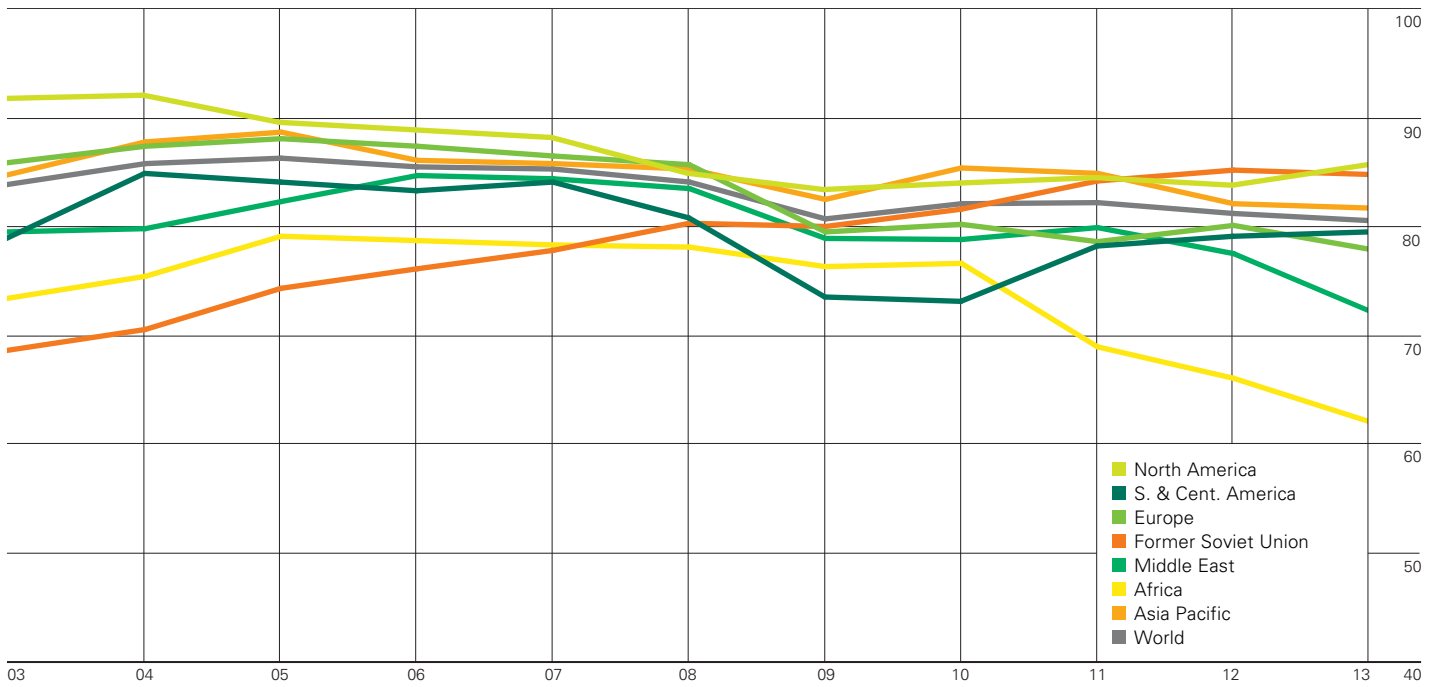
*Input to primary distillation units only.

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

Source: Includes data from Energy Security Analysis, Inc. (ESAI).

Refinery utilization

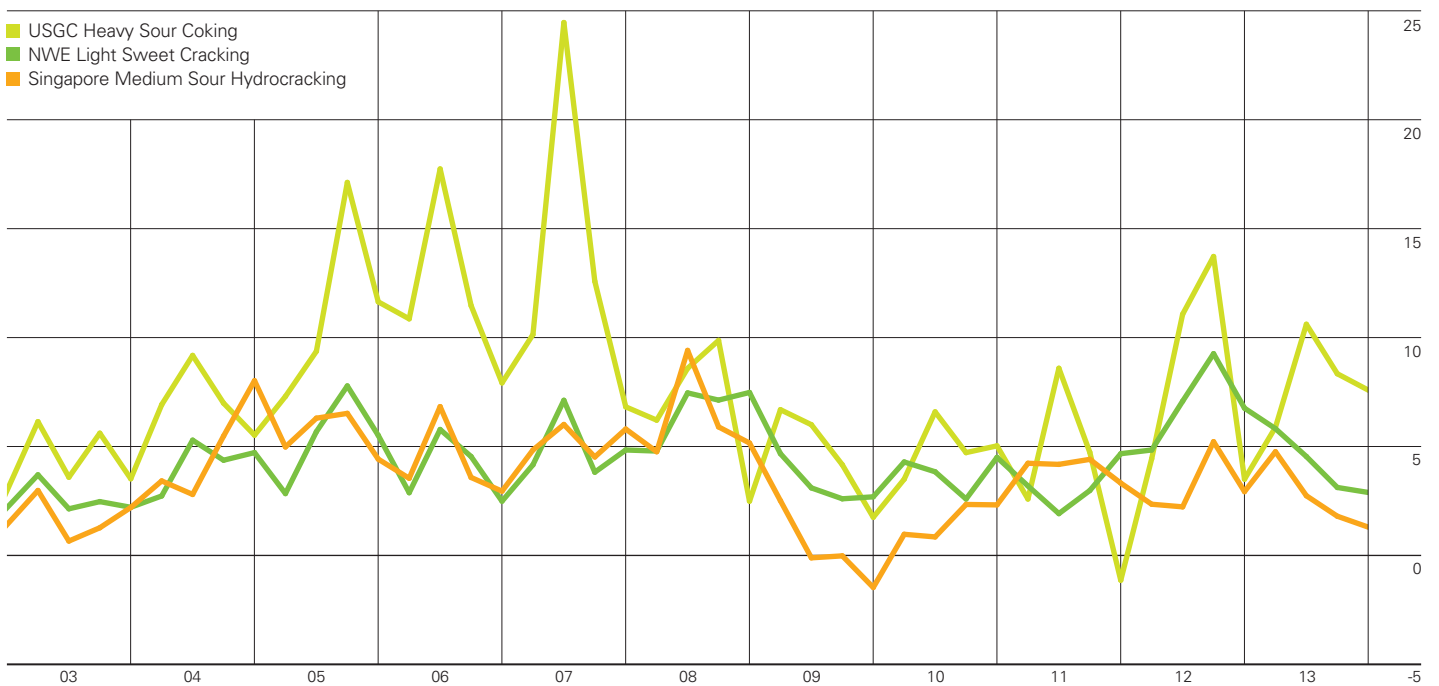
Percentage



Global crude runs grew by 0.4 million b/d in 2013, with increases in China, India and the US more than offsetting declines in Europe and Other Asia Pacific. Global refining capacity grew by 1.4 million b/d, led by additions in China and the Middle East. Global average refinery utilization slipped to 80.4%, the lowest since 1987.

Regional refining margins

US dollars per barrel



Note: The refining margins presented are benchmark margins for three major global refining centres: US Gulf Coast (USGC), North West Europe (NWE – Rotterdam) and Singapore. In each case they are based on a single crude oil appropriate for that region and have optimized product yields based on a generic refinery configuration (cracking, hydrocracking or coking), again appropriate for that region. The margins are on a semi-variable basis, i.e. the margin after all variable costs and fixed energy costs.

Trade movements

| Thousand barrels daily | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|---------------------------|
| Imports | | | | | | | | | | | | | |
| US | 12254 | 12898 | 13525 | 13612 | 13632 | 12872 | 11453 | 11689 | 11338 | 10587 | 9792 | -7.5% | 17.6% |
| Europe | 11993 | 12538 | 13261 | 13461 | 13953 | 13751 | 12486 | 12094 | 12208 | 12488 | 12637 | 1.2% | 22.7% |
| Japan | 5314 | 5203 | 5225 | 5201 | 5032 | 4925 | 4263 | 4567 | 4494 | 4743 | 4530 | -4.5% | 8.1% |
| Rest of World | 17191 | 18651 | 19172 | 20287 | 22937 | 23078 | 24132 | 25160 | 26120 | 26930 | 28713 | 6.6% | 51.6% |
| Total World | 46752 | 49290 | 51182 | 52561 | 55554 | 54626 | 52333 | 53510 | 54160 | 54748 | 55672 | 1.7% | 100.0% |
| Exports | | | | | | | | | | | | | |
| US | 921 | 991 | 1129 | 1317 | 1439 | 1967 | 1947 | 2154 | 2495 | 2682 | 3271 | 21.9% | 5.9% |
| Canada | 2096 | 2148 | 2201 | 2330 | 2457 | 2498 | 2518 | 2599 | 2798 | 3056 | 3276 | 7.2% | 5.9% |
| Mexico | 2115 | 2070 | 2065 | 2102 | 1975 | 1609 | 1449 | 1539 | 1487 | 1366 | 1335 | -2.3% | 2.4% |
| S. & Cent. America | 2942 | 3233 | 3528 | 3681 | 3570 | 3616 | 3748 | 3568 | 3755 | 3830 | 3707 | -3.2% | 6.7% |
| Europe | 2066 | 1993 | 2149 | 2173 | 2273 | 2023 | 2034 | 1888 | 2053 | 2174 | 2399 | 10.3% | 4.3% |
| Former Soviet Union | 6003 | 6440 | 7076 | 7155 | 8334 | 8184 | 7972 | 8544 | 8569 | 8285 | 8632 | 4.2% | 15.5% |
| Middle East | 18943 | 19630 | 19821 | 20204 | 19680 | 20128 | 18409 | 18883 | 19687 | 19581 | 19439 | -0.7% | 34.9% |
| North Africa | 2715 | 2917 | 3070 | 3225 | 3336 | 3260 | 2938 | 2871 | 1945 | 2596 | 2207 | -15.0% | 4.0% |
| West Africa | 3612 | 4048 | 4358 | 4704 | 4830 | 4587 | 4364 | 4601 | 4637 | 4557 | 4453 | -2.3% | 8.0% |
| Asia Pacific† | 3978 | 4189 | 4243 | 4312 | 6004 | 5392 | 5631 | 6226 | 6088 | 6299 | 6480 | 2.9% | 11.6% |
| Rest of World | 1361 | 1631 | 1542 | 1359 | 1656 | 1363 | 1323 | 637 | 646 | 322 | 473 | 47.2% | 0.9% |
| Total World | 46752 | 49290 | 51182 | 52561 | 55554 | 54626 | 52333 | 53510 | 54160 | 54748 | 55672 | 1.7% | 100.0% |

†Excludes Japan. Excludes trade between other Asia Pacific countries and India prior to 2007.

North and West African exports excludes intra-Africa trade.

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

Inter-area movements 2013

| Million tonnes From | To | | | | | | | | | | | | | | Total |
|------------------------|--------------|-------------|-------------|-----------------------|--------------|---------------------------|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------------------|---------------|
| | US | Canada | Mexico | S. & Cent. America | Europe | Former Soviet Union | Middle East | Africa | Australasia | China | India | Japan | Singapore | Other Asia Pacific | |
| US | - | 14.5 | 24.7 | 52.6 | 32.3 | 0.1 | 3.6 | 6.5 | 0.3 | 7.1 | 1.9 | 5.7 | 5.9 | 1.5 | 156.7 |
| Canada | 154.5 | - | † | 1.1 | 3.6 | † | 0.1 | † | † | 1.6 | 0.1 | 0.6 | † | 0.1 | 161.9 |
| Mexico | 45.6 | 1.4 | - | 2.0 | 9.5 | - | † | - | - | 1.3 | 4.8 | - | 1.6 | † | 66.2 |
| S. & Cent. America | 83.8 | 0.6 | 0.3 | - | 18.2 | 0.1 | 0.1 | 0.3 | † | 30.6 | 31.5 | 2.3 | 13.4 | 2.3 | 183.3 |
| Europe | 23.8 | 7.9 | 3.5 | 9.3 | - | 5.0 | 12.3 | 28.7 | 0.1 | 1.3 | 0.6 | 1.3 | 8.2 | 13.5 | 115.5 |
| Former Soviet Union | 25.0 | 0.3 | - | 0.7 | 295.0 | - | 13.4 | 1.8 | 1.9 | 43.4 | 2.1 | 14.4 | 7.7 | 19.1 | 424.7 |
| Middle East | 100.1 | 6.3 | 0.3 | 6.5 | 102.6 | 0.4 | - | 16.5 | 7.7 | 153.9 | 124.6 | 164.2 | 53.0 | 227.2 | 963.5 |
| North Africa | 9.0 | 3.1 | - | 4.5 | 74.1 | 0.1 | 1.2 | - | 1.0 | 6.0 | 4.7 | 1.2 | 0.2 | 3.6 | 108.9 |
| West Africa | 31.5 | 4.2 | - | 14.3 | 72.9 | † | - | - | 5.9 | 53.0 | 26.8 | 3.5 | 0.8 | 8.5 | 221.5 |
| East & Southern Africa | † | † | † | 0.1 | 0.1 | † | † | - | † | 5.9 | 0.3 | 0.5 | 0.4 | 0.1 | 7.5 |
| Australasia | 0.1 | - | - | 0.6 | 0.1 | † | † | † | - | 3.3 | 0.1 | 2.0 | 1.6 | 6.8 | 14.5 |
| China | 0.3 | 0.1 | - | 4.5 | 0.6 | 0.5 | 1.1 | 1.1 | 0.1 | - | 0.6 | 0.5 | 4.3 | 16.7 | 30.2 |
| India | 2.9 | 0.1 | - | 4.5 | 8.3 | † | 17.4 | 8.5 | † | 0.6 | - | 3.0 | 7.1 | 6.7 | 59.1 |
| Japan | 0.8 | † | - | 0.2 | 0.2 | † | † | 0.1 | 3.5 | 1.7 | † | - | 3.3 | 5.4 | 15.4 |
| Singapore | 0.7 | † | - | 0.3 | 1.2 | † | 1.4 | 2.9 | 10.5 | 6.7 | 0.4 | 0.1 | - | 56.9 | 81.2 |
| Other Asia Pacific | 5.4 | † | † | 1.9 | 4.1 | † | 1.2 | 2.0 | 19.5 | 25.3 | 4.6 | 24.4 | 38.5 | - | 126.8 |
| Total imports | 483.5 | 38.4 | 28.9 | 103.1 | 622.8 | 6.3 | 51.9 | 68.4 | 50.6 | 341.7 | 203.3 | 223.7 | 146.1 | 368.5 | 2737.1 |

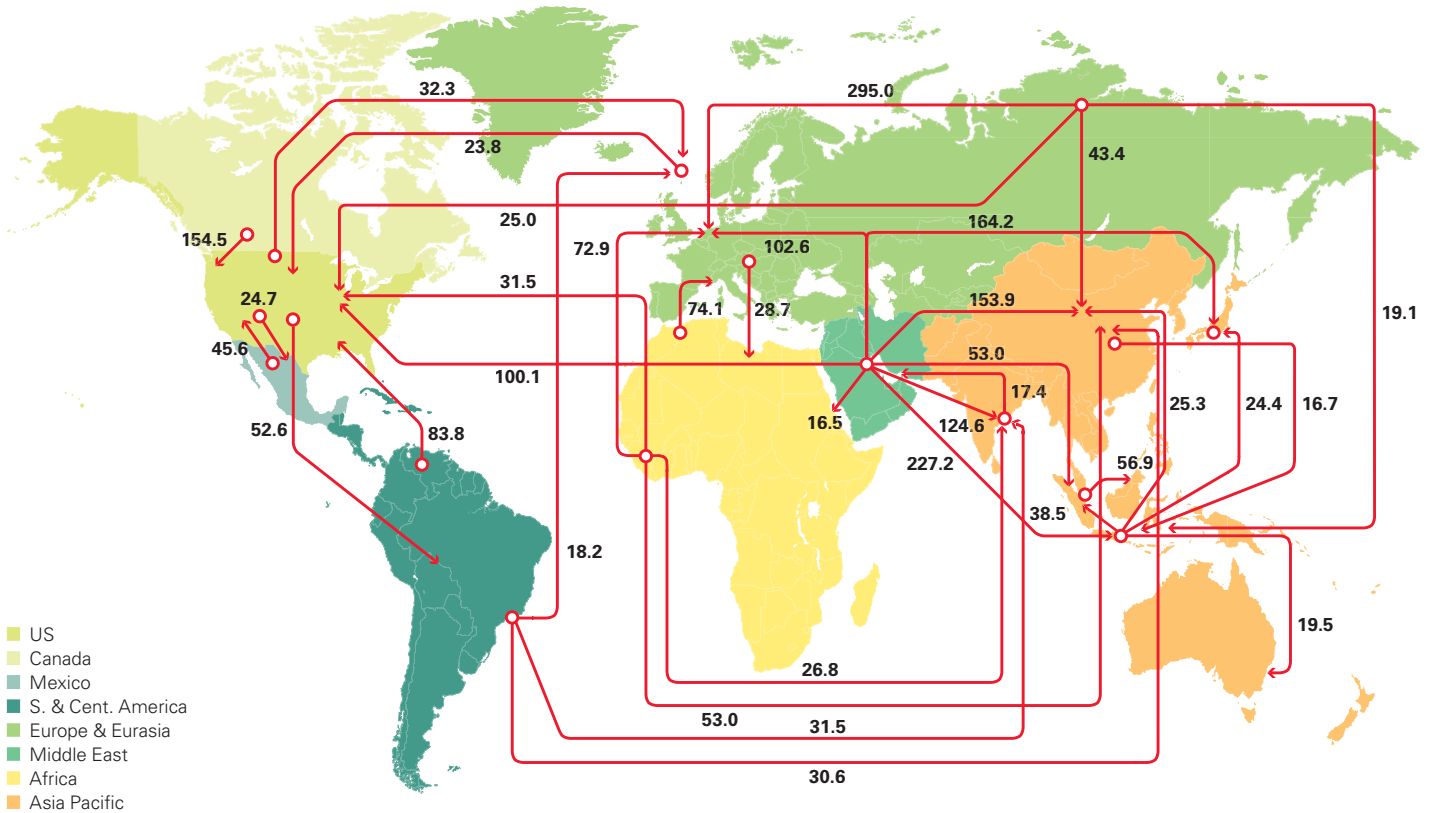
| Thousand barrels daily From | US | Canada | Mexico | S. & Cent. America | Europe | Former Soviet Union | Middle East | Africa | Australasia | China | India | Japan | Singapore | Other Asia Pacific | Total |
|--------------------------------|-------------|------------|------------|-----------------------|--------------|---------------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------|--------------|
| US | - | 298 | 517 | 1100 | 674 | 2 | 75 | 136 | 7 | 148 | 40 | 118 | 123 | 32 | 3271 |
| Canada | 3125 | - | † | 22 | 74 | † | 2 | † | † | 34 | 2 | 13 | 1 | 3 | 3276 |
| Mexico | 919 | 28 | - | 40 | 191 | - | † | - | - | 26 | 97 | - | 33 | † | 1335 |
| S. & Cent. America | 1690 | 12 | 6 | - | 368 | 2 | 2 | 6 | 1 | 617 | 632 | 47 | 279 | 46 | 3707 |
| Europe | 496 | 160 | 73 | 193 | - | 104 | 258 | 598 | 2 | 26 | 13 | 28 | 171 | 279 | 2399 |
| Former Soviet Union | 519 | 5 | - | 15 | 5989 | - | 273 | 36 | 38 | 877 | 42 | 290 | 160 | 386 | 8632 |
| Middle East | 2011 | 127 | 6 | 133 | 2074 | 9 | - | 334 | 155 | 3097 | 2509 | 3310 | 1076 | 4596 | 19439 |
| North Africa | 185 | 63 | - | 93 | 1497 | 3 | 25 | - | 21 | 121 | 96 | 25 | 5 | 74 | 2207 |
| West Africa | 635 | 84 | - | 287 | 1466 | † | - | - | 118 | 1065 | 539 | 70 | 17 | 171 | 4453 |
| East & Southern Africa | 1 | † | † | 2 | 3 | † | 1 | - | † | 118 | 7 | 11 | 7 | 3 | 152 |
| Australasia | 2 | - | - | 11 | 2 | † | † | 1 | - | 66 | 3 | 40 | 32 | 137 | 294 |
| China | 7 | 1 | - | 94 | 13 | 10 | 22 | 23 | 1 | - | 12 | 9 | 89 | 348 | 631 |
| India | 60 | 2 | - | 93 | 173 | † | 364 | 177 | † | 13 | - | 64 | 149 | 141 | 1236 |
| Japan | 17 | † | - | 5 | 5 | † | 1 | 2 | 74 | 36 | 1 | - | 70 | 112 | 322 |
| Singapore | 15 | 1 | - | 7 | 25 | † | 29 | 60 | 220 | 139 | 8 | 2 | - | 1189 | 1697 |
| Other Asia Pacific | 111 | † | 1 | 39 | 85 | 1 | 24 | 42 | 397 | 525 | 93 | 502 | 803 | - | 2623 |
| Total imports | 9792 | 781 | 603 | 2134 | 12637 | 131 | 1076 | 1416 | 1033 | 6911 | 4094 | 4530 | 3017 | 7518 | 55672 |

†Less than 0.05.

‡Less than 0.5.

Major trade movements 2013

Trade flows worldwide (million tonnes)



Imports and exports 2013

| | Million tonnes | | | | Thousand barrels daily | | | |
|------------------------|----------------|-----------------|---------------|-----------------|------------------------|-----------------|---------------|-----------------|
| | Crude imports | Product imports | Crude exports | Product exports | Crude imports | Product imports | Crude exports | Product exports |
| US | 384.4 | 99.2 | 5.6 | 151.1 | 7719 | 2074 | 112 | 3158 |
| Canada | 27.6 | 10.8 | 132.2 | 29.7 | 554 | 226 | 2655 | 621 |
| Mexico | † | 28.9 | 60.3 | 5.9 | ‡ | 603 | 1212 | 123 |
| S. & Cent. America | 25.1 | 78.0 | 151.3 | 32.0 | 503 | 1631 | 3039 | 669 |
| Europe | 463.8 | 159.0 | 18.9 | 96.6 | 9313 | 3324 | 380 | 2019 |
| Former Soviet Union | 0.2 | 6.1 | 300.1 | 124.6 | 4 | 126 | 6027 | 2605 |
| Middle East | 10.8 | 41.1 | 855.3 | 108.2 | 216 | 860 | 17176 | 2263 |
| North Africa | 2.7 | 19.1 | 85.2 | 23.7 | 54 | 399 | 1712 | 495 |
| West Africa | † | 13.2 | 214.9 | 6.6 | ‡ | 276 | 4316 | 137 |
| East & Southern Africa | 13.4 | 20.0 | 6.8 | 0.7 | 269 | 417 | 137 | 15 |
| Australasia | 28.4 | 22.2 | 11.5 | 3.0 | 569 | 464 | 231 | 62 |
| China | 282.6 | 59.1 | 0.9 | 29.3 | 5675 | 1236 | 19 | 612 |
| India | 190.5 | 12.9 | † | 59.1 | 3825 | 269 | ‡ | 1236 |
| Japan | 178.2 | 45.5 | 0.6 | 14.8 | 3579 | 951 | 13 | 309 |
| Singapore | 44.4 | 101.7 | 0.1 | 81.1 | 892 | 2125 | 2 | 1695 |
| Other Asia Pacific | 226.4 | 142.1 | 34.4 | 92.5 | 4547 | 2971 | 690 | 1933 |
| Total World | 1878.3 | 858.8 | 1878.3 | 858.8 | 37720 | 17952 | 37720 | 17952 |

†Less than 0.05.

‡Less than 0.5.

Note: Bunkers are not included as exports. Intra-area movements (for example, between countries in Europe) are excluded.

Proved reserves

| | At end 1993 Trillion cubic metres | At end 2003 Trillion cubic metres | At end 2012 Trillion cubic metres | At end 2013 | | | |
|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------|-----------------------|----------------|-------------|
| | | | | Trillion cubic feet | Trillion cubic metres | Share of total | R/P ratio |
| US | 4.6 | 5.4 | 8.7 | 330.0 | 9.3 | 5.0% | 13.6 |
| Canada | 2.2 | 1.6 | 2.0 | 71.4 | 2.0 | 1.1% | 13.1 |
| Mexico | 2.0 | 0.4 | 0.4 | 12.3 | 0.3 | 0.2% | 6.1 |
| Total North America | 8.8 | 7.4 | 11.1 | 413.7 | 11.7 | 6.3% | 13.0 |
| Argentina | 0.5 | 0.6 | 0.3 | 11.1 | 0.3 | 0.2% | 8.9 |
| Bolivia | 0.1 | 0.8 | 0.3 | 11.2 | 0.3 | 0.2% | 15.2 |
| Brazil | 0.1 | 0.2 | 0.5 | 15.9 | 0.5 | 0.2% | 21.2 |
| Colombia | 0.2 | 0.1 | 0.2 | 5.7 | 0.2 | 0.1% | 12.8 |
| Peru | 0.3 | 0.2 | 0.4 | 15.4 | 0.4 | 0.2% | 35.7 |
| Trinidad & Tobago | 0.2 | 0.5 | 0.4 | 12.4 | 0.4 | 0.2% | 8.2 |
| Venezuela | 3.7 | 4.2 | 5.6 | 196.8 | 5.6 | 3.0% | * |
| Other S. & Cent. America | 0.2 | 0.1 | 0.1 | 2.2 | 0.1 | ♦ | 24.9 |
| Total S. & Cent. America | 5.4 | 6.8 | 7.7 | 270.9 | 7.7 | 4.1% | 43.5 |
| Azerbaijan | n/a | 0.9 | 0.9 | 31.0 | 0.9 | 0.5% | 54.3 |
| Denmark | 0.1 | 0.1 | † | 1.2 | † | ♦ | 7.0 |
| Germany | 0.2 | 0.2 | 0.1 | 1.7 | † | ♦ | 5.9 |
| Italy | 0.3 | 0.1 | 0.1 | 1.8 | 0.1 | ♦ | 7.3 |
| Kazakhstan | n/a | 1.3 | 1.5 | 53.9 | 1.5 | 0.8% | 82.5 |
| Netherlands | 1.7 | 1.4 | 0.9 | 30.1 | 0.9 | 0.5% | 12.4 |
| Norway | 1.4 | 2.5 | 2.1 | 72.4 | 2.0 | 1.1% | 18.8 |
| Poland | 0.2 | 0.1 | 0.1 | 4.1 | 0.1 | 0.1% | 27.5 |
| Romania | 0.4 | 0.3 | 0.1 | 4.1 | 0.1 | 0.1% | 10.6 |
| Russian Federation | n/a | 30.4 | 31.0 | 1103.6 | 31.3 | 16.8% | 51.7 |
| Turkmenistan | n/a | 2.3 | 17.5 | 617.3 | 17.5 | 9.4% | * |
| Ukraine | n/a | 0.7 | 0.6 | 22.7 | 0.6 | 0.3% | 33.4 |
| United Kingdom | 0.6 | 0.9 | 0.2 | 8.6 | 0.2 | 0.1% | 6.7 |
| Uzbekistan | n/a | 1.2 | 1.1 | 38.3 | 1.1 | 0.6% | 19.7 |
| Other Europe & Eurasia | 35.6 | 0.4 | 0.3 | 8.8 | 0.2 | 0.1% | 33.4 |
| Total Europe & Eurasia | 40.5 | 42.7 | 56.5 | 1999.5 | 56.6 | 30.5% | 54.8 |
| Bahrain | 0.2 | 0.1 | 0.2 | 6.7 | 0.2 | 0.1% | 12.1 |
| Iran | 20.7 | 27.6 | 33.6 | 1192.9 | 33.8 | 18.2% | * |
| Iraq | 3.1 | 3.2 | 3.6 | 126.7 | 3.6 | 1.9% | * |
| Kuwait | 1.5 | 1.6 | 1.8 | 63.0 | 1.8 | 1.0% | * |
| Oman | 0.2 | 1.0 | 0.9 | 33.5 | 0.9 | 0.5% | 30.7 |
| Qatar | 7.1 | 25.3 | 24.9 | 871.5 | 24.7 | 13.3% | * |
| Saudi Arabia | 5.2 | 6.8 | 8.2 | 290.8 | 8.2 | 4.4% | 79.9 |
| Syria | 0.2 | 0.3 | 0.3 | 10.1 | 0.3 | 0.2% | 63.9 |
| United Arab Emirates | 5.8 | 6.0 | 6.1 | 215.1 | 6.1 | 3.3% | * |
| Yemen | 0.4 | 0.5 | 0.5 | 16.9 | 0.5 | 0.3% | 46.3 |
| Other Middle East | † | 0.1 | 0.2 | 8.1 | 0.2 | 0.1% | 35.3 |
| Total Middle East | 44.4 | 72.4 | 80.3 | 2835.4 | 80.3 | 43.2% | * |
| Algeria | 3.7 | 4.5 | 4.5 | 159.1 | 4.5 | 2.4% | 57.3 |
| Egypt | 0.6 | 1.7 | 2.0 | 65.2 | 1.8 | 1.0% | 32.9 |
| Libya | 1.3 | 1.5 | 1.5 | 54.7 | 1.5 | 0.8% | * |
| Nigeria | 3.7 | 5.1 | 5.1 | 179.4 | 5.1 | 2.7% | * |
| Other Africa | 0.7 | 1.0 | 1.2 | 43.3 | 1.2 | 0.7% | 56.9 |
| Total Africa | 10.0 | 13.9 | 14.4 | 501.7 | 14.2 | 7.6% | 69.5 |
| Australia | 1.0 | 2.4 | 3.8 | 129.9 | 3.7 | 2.0% | 85.8 |
| Bangladesh | 0.3 | 0.4 | 0.3 | 9.7 | 0.3 | 0.1% | 12.6 |
| Brunei | 0.4 | 0.3 | 0.3 | 10.2 | 0.3 | 0.2% | 23.6 |
| China | 1.7 | 1.3 | 3.3 | 115.6 | 3.3 | 1.8% | 28.0 |
| India | 0.7 | 0.9 | 1.3 | 47.8 | 1.4 | 0.7% | 40.2 |
| Indonesia | 1.8 | 2.6 | 2.9 | 103.3 | 2.9 | 1.6% | 41.6 |
| Malaysia | 1.8 | 2.5 | 1.1 | 38.5 | 1.1 | 0.6% | 15.8 |
| Myanmar | 0.3 | 0.4 | 0.3 | 10.0 | 0.3 | 0.2% | 21.6 |
| Pakistan | 0.7 | 0.8 | 0.6 | 22.7 | 0.6 | 0.3% | 16.7 |
| Papua New Guinea | † | † | 0.2 | 5.5 | 0.2 | 0.1% | * |
| Thailand | 0.2 | 0.4 | 0.3 | 10.1 | 0.3 | 0.2% | 6.8 |
| Vietnam | 0.1 | 0.2 | 0.6 | 21.8 | 0.6 | 0.3% | 63.3 |
| Other Asia Pacific | 0.3 | 0.5 | 0.3 | 11.5 | 0.3 | 0.2% | 17.5 |
| Total Asia Pacific | 9.3 | 12.7 | 15.2 | 536.6 | 15.2 | 8.2% | 31.1 |
| Total World | 118.4 | 155.7 | 185.3 | 6557.8 | 185.7 | 100.0% | 55.1 |
| of which: OECD | 14.6 | 15.3 | 18.7 | 678.3 | 19.2 | 10.3% | 16.0 |
| Non-OECD | 103.8 | 140.4 | 166.6 | 5879.5 | 166.5 | 89.7% | 76.7 |
| European Union | 3.7 | 3.2 | 1.6 | 55.6 | 1.6 | 0.8% | 10.7 |
| Former Soviet Union | 35.3 | 36.9 | 52.8 | 1869.5 | 52.9 | 28.5% | 68.2 |

*More than 100 years.

†Less than 0.05.

♦Less than 0.05%.

n/a not available.

Notes: Proved reserves of natural gas – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions.

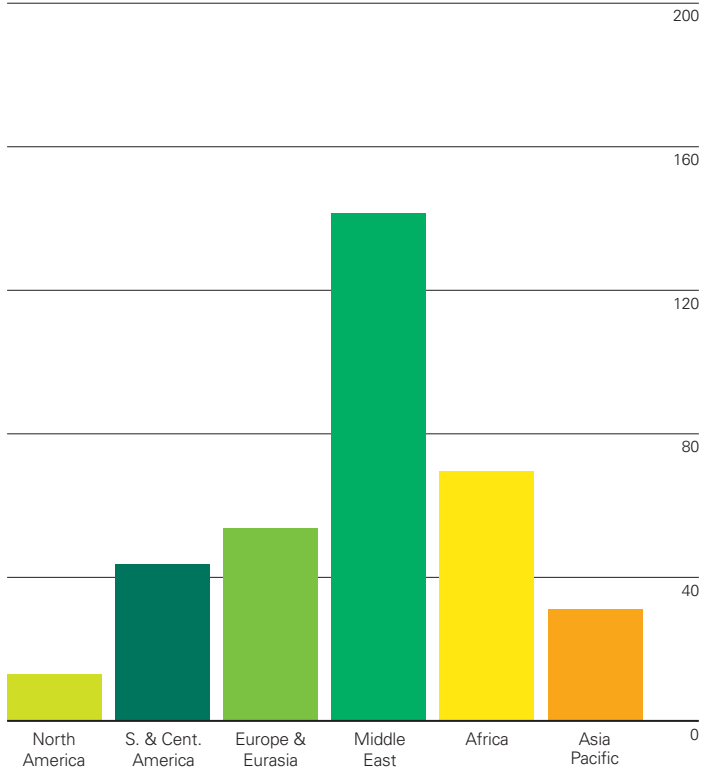
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Source of data – The estimates in this table have been compiled using a combination of primary official sources and third-party data from Cedigaz and the OPEC Secretariat.

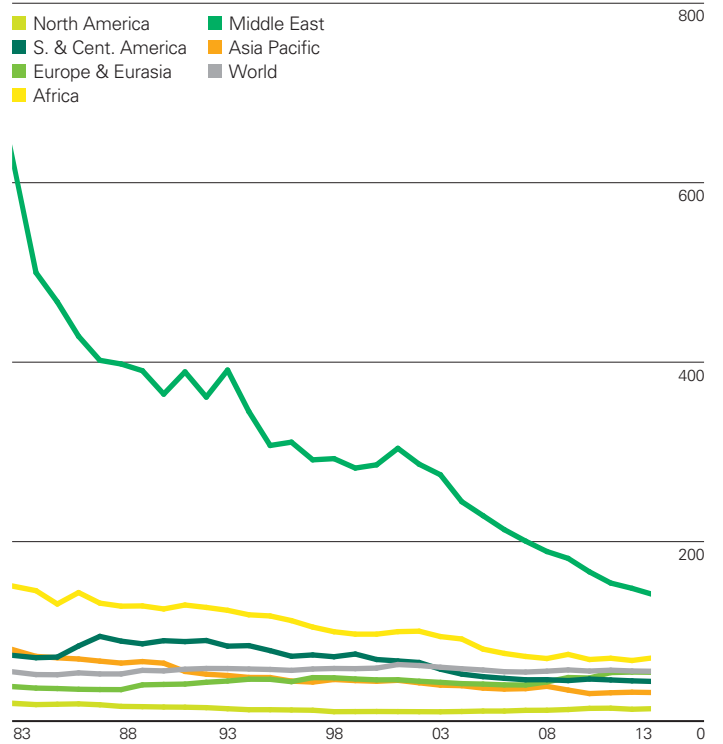
Reserves-to-production (R/P) ratios

Years

2013 by region



History

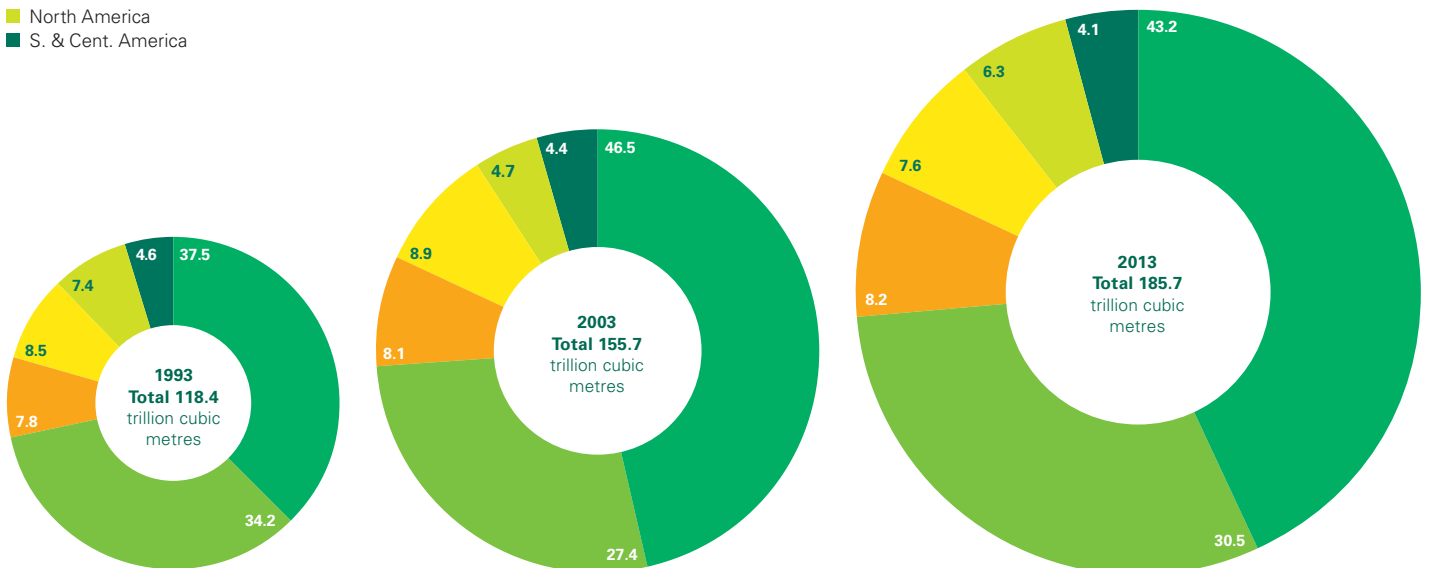


World proved natural gas reserves at end-2013 stood at 185.7 trillion cubic metres (tcm), sufficient to meet 55.1 years of global production. Proved reserves grew by 0.2% relative to end-2012 data. An increase in the US (+7.1%) accounted for all of the net growth in global proved reserves in 2013. Iran (33.8 tcm) and Russia (31.3 tcm) hold the largest proved reserves.

Distribution of proved reserves in 1993, 2003 and 2013

Percentage

- Middle East
- Europe & Eurasia
- Asia Pacific
- Africa
- North America
- S. & Cent. America



Production*

| Billion cubic metres | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|---------------------------|
| US | 540.8 | 526.4 | 511.1 | 524.0 | 545.6 | 570.8 | 584.0 | 603.6 | 648.5 | 681.2 | 687.6 | 1.3% | 20.6% |
| Canada | 184.7 | 183.7 | 187.1 | 188.4 | 182.7 | 176.6 | 164.0 | 159.9 | 159.7 | 156.0 | 154.8 | -0.5% | 4.6% |
| Mexico | 41.7 | 43.4 | 52.3 | 57.3 | 53.7 | 53.4 | 59.4 | 57.6 | 58.3 | 56.9 | 56.6 | -0.2% | 1.7% |
| Total North America | 767.2 | 753.6 | 750.6 | 769.7 | 781.9 | 800.8 | 807.4 | 821.1 | 866.5 | 894.2 | 899.1 | 0.9% | 26.9% |
| Argentina | 41.0 | 44.9 | 45.6 | 46.1 | 44.8 | 44.1 | 41.4 | 40.1 | 38.8 | 37.7 | 35.5 | -5.6% | 1.1% |
| Bolivia | 6.4 | 9.8 | 11.9 | 12.9 | 13.8 | 14.3 | 12.3 | 14.2 | 16.0 | 18.3 | 20.8 | 14.4% | 0.6% |
| Brazil | 10.0 | 11.0 | 10.9 | 11.2 | 11.2 | 14.0 | 11.9 | 14.6 | 16.7 | 19.3 | 21.3 | 11.0% | 0.6% |
| Colombia | 6.1 | 6.4 | 6.7 | 7.0 | 7.5 | 9.1 | 10.5 | 11.3 | 11.0 | 12.0 | 12.6 | 5.8% | 0.4% |
| Peru | 0.5 | 0.9 | 1.5 | 1.8 | 2.7 | 3.4 | 3.5 | 7.2 | 11.3 | 11.9 | 12.2 | 3.1% | 0.4% |
| Trinidad & Tobago | 27.0 | 30.2 | 33.0 | 40.1 | 42.2 | 42.0 | 43.6 | 44.8 | 42.9 | 42.7 | 42.8 | 0.5% | 1.3% |
| Venezuela | 25.2 | 28.4 | 27.4 | 31.5 | 36.1 | 32.8 | 31.0 | 27.4 | 27.6 | 29.5 | 28.4 | -3.2% | 0.8% |
| Other S. & Cent. America | 3.1 | 3.1 | 3.4 | 3.8 | 3.9 | 3.7 | 4.2 | 3.6 | 3.1 | 2.9 | 2.5 | -13.4% | 0.1% |
| Total S. & Cent. America | 119.4 | 134.7 | 140.5 | 154.3 | 162.3 | 163.2 | 158.5 | 163.2 | 167.4 | 174.3 | 176.4 | 1.5% | 5.2% |
| Azerbaijan | 4.6 | 4.5 | 5.2 | 6.1 | 9.8 | 14.8 | 14.8 | 15.1 | 14.8 | 15.6 | 16.2 | 3.8% | 0.5% |
| Denmark | 8.0 | 9.4 | 10.4 | 10.4 | 9.2 | 10.1 | 8.4 | 8.2 | 6.6 | 5.8 | 4.8 | -15.6% | 0.1% |
| Germany | 17.7 | 16.4 | 15.8 | 15.6 | 14.3 | 13.0 | 12.2 | 10.6 | 10.0 | 9.0 | 8.2 | -8.8% | 0.2% |
| Italy | 12.7 | 11.9 | 11.1 | 10.1 | 8.9 | 8.5 | 7.3 | 7.7 | 7.7 | 7.9 | 7.1 | -9.9% | 0.2% |
| Kazakhstan | 11.1 | 12.3 | 12.7 | 13.0 | 15.1 | 16.9 | 16.4 | 15.9 | 17.5 | 18.4 | 18.5 | 0.8% | 0.5% |
| Netherlands | 58.1 | 68.5 | 62.5 | 61.6 | 60.5 | 66.6 | 62.7 | 70.5 | 64.2 | 63.9 | 68.7 | 7.9% | 2.0% |
| Norway | 73.1 | 79.2 | 85.8 | 88.7 | 90.3 | 100.1 | 104.4 | 107.3 | 101.3 | 114.7 | 108.7 | -5.0% | 3.2% |
| Poland | 4.0 | 4.4 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.1 | 4.3 | 4.3 | 4.2 | -1.4% | 0.1% |
| Romania | 13.0 | 12.8 | 12.4 | 11.9 | 11.5 | 11.4 | 11.3 | 10.9 | 10.9 | 10.9 | 11.0 | 0.6% | 0.3% |
| Russian Federation | 561.6 | 573.3 | 580.1 | 595.2 | 592.1 | 601.8 | 527.7 | 588.9 | 607.0 | 592.3 | 604.8 | 2.4% | 17.9% |
| Turkmenistan | 53.5 | 52.8 | 57.0 | 60.4 | 65.4 | 66.1 | 36.4 | 42.4 | 59.5 | 62.3 | 62.3 | 0.4% | 1.8% |
| Ukraine | 17.6 | 18.4 | 18.6 | 18.7 | 18.7 | 19.0 | 19.3 | 18.5 | 18.7 | 18.6 | 19.3 | 4.0% | 0.6% |
| United Kingdom | 102.9 | 96.4 | 88.2 | 80.0 | 72.1 | 69.6 | 59.7 | 57.1 | 45.2 | 38.9 | 36.5 | -5.9% | 1.1% |
| Uzbekistan | 52.0 | 54.2 | 54.0 | 54.5 | 59.1 | 62.2 | 60.0 | 59.6 | 57.0 | 56.9 | 55.2 | -2.8% | 1.6% |
| Other Europe & Eurasia | 10.6 | 11.0 | 10.7 | 10.5 | 10.7 | 10.2 | 10.2 | 10.1 | 9.5 | 8.7 | 7.5 | -13.8% | 0.2% |
| Total Europe & Eurasia | 1000.5 | 1025.3 | 1028.8 | 1040.9 | 1042.1 | 1074.4 | 954.8 | 1026.9 | 1034.2 | 1028.1 | 1032.9 | 0.7% | 30.6% |
| Bahrain | 9.6 | 9.8 | 10.7 | 11.3 | 11.8 | 12.7 | 12.8 | 13.1 | 13.3 | 13.7 | 15.8 | 15.2% | 0.5% |
| Iran | 82.7 | 96.4 | 102.3 | 111.5 | 125.0 | 132.4 | 144.2 | 152.4 | 159.9 | 165.6 | 166.6 | 0.8% | 4.9% |
| Iraq | 1.6 | 1.0 | 1.5 | 1.5 | 1.5 | 1.9 | 1.2 | 1.3 | 0.9 | 0.7 | 0.6 | -4.4% | • |
| Kuwait | 11.0 | 11.9 | 12.2 | 12.5 | 12.1 | 12.8 | 11.5 | 11.7 | 13.5 | 15.5 | 15.6 | 0.7% | 0.5% |
| Oman | 16.5 | 18.5 | 19.8 | 23.7 | 24.0 | 24.1 | 24.8 | 27.1 | 26.5 | 30.0 | 30.9 | 3.3% | 0.9% |
| Qatar | 31.4 | 39.2 | 45.8 | 50.7 | 63.2 | 77.0 | 89.3 | 116.7 | 145.3 | 150.8 | 158.5 | 5.4% | 4.7% |
| Saudi Arabia | 60.1 | 65.7 | 71.2 | 73.5 | 74.4 | 80.4 | 78.5 | 87.7 | 92.3 | 99.3 | 103.0 | 4.0% | 3.0% |
| Syria | 6.2 | 6.4 | 5.5 | 5.6 | 5.6 | 5.3 | 5.6 | 8.0 | 7.1 | 5.3 | 4.5 | -15.2% | 0.1% |
| United Arab Emirates | 44.8 | 46.3 | 47.8 | 49.0 | 50.3 | 50.2 | 48.8 | 51.3 | 52.3 | 54.3 | 56.0 | 3.3% | 1.7% |
| Yemen | - | - | - | - | - | - | 0.8 | 6.2 | 9.4 | 7.6 | 10.3 | 36.5% | 0.3% |
| Other Middle East | 0.3 | 1.5 | 1.9 | 2.6 | 3.0 | 3.6 | 3.0 | 3.4 | 4.4 | 2.6 | 6.5 | 148.5% | 0.2% |
| Total Middle East | 264.1 | 296.6 | 318.7 | 341.9 | 370.9 | 400.3 | 420.3 | 478.9 | 524.8 | 545.5 | 568.2 | 4.5% | 16.8% |
| Algeria | 82.8 | 82.0 | 88.2 | 84.5 | 84.8 | 85.8 | 79.6 | 80.4 | 82.7 | 81.5 | 78.6 | -3.3% | 2.3% |
| Egypt | 30.1 | 33.0 | 42.5 | 54.7 | 55.7 | 59.0 | 62.7 | 61.3 | 61.4 | 60.9 | 56.1 | -7.7% | 1.7% |
| Libya | 5.5 | 8.1 | 11.3 | 13.2 | 15.3 | 15.9 | 15.9 | 16.8 | 7.9 | 12.2 | 12.0 | -1.5% | 0.4% |
| Nigeria | 22.6 | 24.4 | 25.1 | 29.6 | 36.9 | 36.2 | 26.0 | 37.3 | 40.6 | 43.3 | 36.1 | -16.4% | 1.1% |
| Other Africa | 7.2 | 8.9 | 9.9 | 10.4 | 12.3 | 15.8 | 16.3 | 18.4 | 18.6 | 18.5 | 21.6 | 17.2% | 0.6% |
| Total Africa | 148.2 | 156.4 | 177.0 | 192.4 | 205.0 | 212.6 | 200.4 | 214.3 | 211.2 | 216.3 | 204.3 | -5.3% | 6.0% |
| Australia | 33.2 | 35.3 | 37.1 | 38.9 | 40.0 | 38.3 | 42.3 | 45.2 | 44.9 | 43.4 | 42.9 | -0.9% | 1.3% |
| Bangladesh | 12.3 | 12.8 | 13.8 | 15.1 | 15.9 | 17.0 | 18.5 | 19.9 | 20.1 | 21.1 | 21.9 | 4.2% | 0.6% |
| Brunei | 12.4 | 12.2 | 12.0 | 12.6 | 12.3 | 12.2 | 11.4 | 12.3 | 12.8 | 12.6 | 12.2 | -2.6% | 0.4% |
| China | 35.0 | 41.5 | 49.3 | 58.6 | 69.2 | 80.3 | 85.3 | 94.8 | 102.7 | 107.2 | 117.1 | 9.5% | 3.5% |
| India | 29.5 | 29.2 | 29.6 | 29.3 | 30.1 | 30.5 | 39.2 | 50.8 | 46.1 | 40.3 | 33.7 | -16.3% | 1.0% |
| Indonesia | 73.2 | 70.3 | 71.2 | 70.3 | 67.6 | 69.7 | 71.9 | 82.0 | 75.9 | 71.1 | 70.4 | -0.7% | 2.1% |
| Malaysia | 51.8 | 53.9 | 61.1 | 63.3 | 64.6 | 64.7 | 63.4 | 65.3 | 65.3 | 66.5 | 69.1 | 4.2% | 2.0% |
| Myanmar | 9.6 | 10.2 | 12.2 | 12.6 | 13.5 | 12.4 | 11.6 | 12.4 | 12.8 | 12.7 | 13.1 | 3.1% | 0.4% |
| Pakistan | 30.4 | 34.5 | 35.5 | 36.1 | 36.8 | 37.5 | 38.4 | 39.6 | 39.2 | 41.2 | 38.6 | -6.2% | 1.1% |
| Thailand | 21.5 | 22.4 | 23.7 | 24.3 | 26.0 | 28.8 | 30.9 | 36.3 | 37.0 | 41.4 | 41.8 | 1.2% | 1.2% |
| Vietnam | 2.4 | 4.2 | 6.4 | 7.0 | 7.1 | 7.5 | 8.0 | 9.4 | 8.5 | 9.4 | 9.8 | 4.5% | 0.3% |
| Other Asia Pacific | 10.6 | 10.0 | 11.0 | 14.6 | 17.4 | 18.3 | 18.6 | 18.2 | 18.4 | 18.2 | 18.7 | 3.3% | 0.6% |
| Total Asia Pacific | 322.0 | 336.4 | 363.0 | 382.6 | 400.5 | 417.1 | 439.6 | 486.4 | 483.5 | 484.9 | 489.0 | 1.1% | 14.5% |
| Total World | 2621.3 | 2702.8 | 2778.6 | 2881.8 | 2962.7 | 3068.5 | 2981.0 | 3190.8 | 3287.7 | 3343.3 | 3369.9 | 1.1% | 100.0% |
| of which: OECD | 1093.9 | 1092.8 | 1084.3 | 1097.4 | 1101.2 | 1131.0 | 1128.7 | 1151.9 | 1170.0 | 1199.3 | 1200.0 | 0.4% | 35.8% |
| Non-OECD | 1527.4 | 1610.0 | 1694.3 | 1784.4 | 1861.5 | 1937.5 | 1852.3 | 2038.9 | 2117.7 | 2144.0 | 2169.8 | 1.5% | 64.2% |
| European Union | 225.8 | 229.5 | 214.1 | 203.0 | 190.2 | 192.1 | 174.7 | 178.0 | 157.0 | 147.9 | 146.8 | -0.5% | 4.3% |
| Former Soviet Union | 700.7 | 715.8 | 727.9 | 748.2 | 760.5 | 781.0 | 674.8 | 740.7 | 774.8 | 764.3 | 776.5 | 1.9% | 23.0% |

*Excluding gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.

Source: Includes data from Cedigaz.

•Less than 0.05%.

Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013 mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor, they do not necessarily equate with gas volumes expressed in specific national terms.

Annual changes and shares of total are calculated using million tonnes of oil equivalent figures.

Natural gas production data expressed in billion cubic feet per day is available at bp.com/statisticalreview

Growth rates are adjusted for leap years.

Consumption*

| Billion cubic metres | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|---------------------------|
| US | 630.8 | 634.4 | 623.4 | 614.4 | 654.2 | 659.1 | 648.7 | 682.1 | 693.1 | 723.0 | 737.2 | 2.4% | 22.2% |
| Canada | 97.7 | 95.1 | 97.8 | 96.9 | 96.2 | 96.1 | 94.9 | 95.0 | 100.9 | 100.3 | 103.5 | 3.5% | 3.1% |
| Mexico | 51.4 | 54.3 | 61.0 | 66.6 | 63.5 | 66.3 | 72.5 | 72.5 | 76.6 | 79.6 | 82.7 | 4.2% | 2.5% |
| Total North America | 779.9 | 783.8 | 782.2 | 778.0 | 813.9 | 821.5 | 816.1 | 849.6 | 870.6 | 902.9 | 923.5 | 2.7% | 27.8% |
| Argentina | 34.6 | 37.9 | 40.4 | 41.8 | 43.9 | 44.4 | 43.2 | 43.3 | 45.7 | 47.3 | 48.0 | 1.7% | 1.4% |
| Brazil | 15.8 | 18.8 | 19.6 | 20.6 | 21.2 | 24.9 | 20.1 | 26.8 | 26.7 | 31.7 | 37.6 | 19.2% | 1.1% |
| Chile | 8.0 | 8.7 | 8.4 | 7.8 | 4.6 | 2.7 | 3.1 | 5.3 | 5.4 | 5.4 | 4.3 | -19.4% | 0.1% |
| Colombia | 6.0 | 6.3 | 6.7 | 7.0 | 7.4 | 7.6 | 8.7 | 9.1 | 8.8 | 9.8 | 10.7 | 9.1% | 0.3% |
| Ecuador | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.4 | 0.5 | 0.6 | 0.5 | 0.7 | 0.6 | -8.7% | * |
| Peru | 0.5 | 0.9 | 1.5 | 1.8 | 2.7 | 3.4 | 3.5 | 5.4 | 6.1 | 6.8 | 6.6 | -2.7% | 0.2% |
| Trinidad & Tobago | 13.4 | 14.8 | 16.3 | 21.2 | 21.9 | 21.3 | 22.2 | 23.2 | 23.1 | 22.2 | 22.4 | 1.1% | 0.7% |
| Venezuela | 25.2 | 28.4 | 27.4 | 31.5 | 36.2 | 34.3 | 32.3 | 29.0 | 29.7 | 31.4 | 30.5 | -2.5% | 0.9% |
| Other S. & Cent. America | 3.1 | 3.0 | 3.3 | 3.9 | 4.5 | 4.7 | 5.0 | 5.4 | 5.8 | 7.1 | 7.8 | 11.4% | 0.2% |
| Total S. & Cent. America | 106.8 | 119.0 | 123.9 | 136.0 | 142.8 | 143.7 | 138.6 | 148.0 | 151.9 | 162.3 | 168.6 | 4.2% | 5.0% |
| Austria | 9.4 | 9.5 | 10.0 | 9.4 | 8.9 | 9.5 | 9.3 | 10.1 | 9.5 | 9.0 | 8.5 | -5.9% | 0.3% |
| Azerbaijan | 7.7 | 8.3 | 8.6 | 9.1 | 8.0 | 9.2 | 7.8 | 7.4 | 8.1 | 8.5 | 8.6 | 1.5% | 0.3% |
| Belarus | 15.8 | 17.9 | 18.4 | 19.0 | 18.8 | 19.2 | 16.1 | 19.7 | 18.3 | 18.3 | 18.3 | 0.3% | 0.5% |
| Belgium | 16.0 | 16.2 | 16.4 | 16.7 | 16.6 | 16.5 | 16.8 | 18.8 | 16.6 | 16.9 | 16.8 | -0.4% | 0.5% |
| Bulgaria | 2.8 | 2.8 | 3.1 | 3.2 | 3.2 | 3.2 | 2.3 | 2.6 | 2.9 | 2.7 | 2.6 | -3.1% | 0.1% |
| Czech Republic | 8.7 | 9.1 | 9.5 | 9.3 | 8.7 | 8.7 | 8.2 | 9.3 | 8.4 | 8.2 | 8.4 | 3.2% | 0.3% |
| Denmark | 5.2 | 5.2 | 5.0 | 5.1 | 4.6 | 4.6 | 4.4 | 5.0 | 4.2 | 3.9 | 3.7 | -4.1% | 0.1% |
| Finland | 4.5 | 4.3 | 4.0 | 4.2 | 3.9 | 4.0 | 3.6 | 3.9 | 3.5 | 3.1 | 2.8 | -6.7% | 0.1% |
| France | 43.2 | 45.1 | 44.8 | 43.7 | 42.4 | 43.8 | 41.8 | 46.9 | 40.5 | 42.2 | 42.8 | 1.7% | 1.3% |
| Germany | 85.5 | 85.9 | 86.2 | 87.2 | 82.9 | 81.2 | 78.0 | 83.3 | 74.5 | 78.4 | 83.6 | 7.0% | 2.5% |
| Greece | 2.4 | 2.7 | 2.7 | 3.1 | 3.7 | 3.9 | 3.3 | 3.6 | 4.4 | 4.1 | 3.6 | -11.5% | 0.1% |
| Hungary | 13.2 | 13.1 | 12.2 | 10.8 | 13.1 | 14.0 | 12.7 | 12.6 | 10.3 | 10.2 | 8.6 | -16.2% | 0.3% |
| Republic of Ireland | 4.1 | 4.1 | 3.9 | 4.4 | 4.8 | 5.0 | 4.7 | 5.2 | 4.6 | 4.5 | 4.5 | -0.1% | 0.1% |
| Italy | 71.2 | 73.9 | 79.1 | 77.4 | 77.8 | 77.8 | 71.5 | 76.2 | 71.4 | 68.7 | 64.2 | -6.2% | 1.9% |
| Kazakhstan | 8.8 | 6.7 | 8.5 | 9.0 | 9.3 | 8.9 | 8.6 | 9.0 | 9.6 | 10.4 | 11.4 | 9.6% | 0.3% |
| Lithuania | 3.1 | 3.1 | 3.3 | 3.2 | 3.6 | 3.2 | 2.7 | 3.1 | 3.4 | 3.3 | 2.7 | -18.3% | 0.1% |
| Netherlands | 40.0 | 40.9 | 39.3 | 38.1 | 37.0 | 38.6 | 38.9 | 43.6 | 38.1 | 36.4 | 37.1 | 2.0% | 1.1% |
| Norway | 4.3 | 4.6 | 4.5 | 4.4 | 4.3 | 4.3 | 4.1 | 4.1 | 4.3 | 4.4 | 4.4 | 1.4% | 0.1% |
| Poland | 12.5 | 13.2 | 13.6 | 13.7 | 13.8 | 14.9 | 14.4 | 15.5 | 15.7 | 16.6 | 16.7 | 1.1% | 0.5% |
| Portugal | 3.0 | 3.7 | 4.2 | 4.1 | 4.3 | 4.7 | 4.7 | 5.1 | 5.2 | 4.5 | 4.1 | -9.6% | 0.1% |
| Romania | 18.3 | 17.5 | 17.6 | 18.1 | 16.1 | 15.9 | 13.3 | 13.6 | 13.9 | 13.5 | 12.5 | -7.5% | 0.4% |
| Russian Federation | 379.5 | 389.3 | 394.1 | 415.0 | 422.0 | 416.0 | 389.7 | 414.2 | 424.6 | 416.3 | 413.5 | -0.4% | 12.3% |
| Slovakia | 6.3 | 6.1 | 6.6 | 6.0 | 5.7 | 5.7 | 4.9 | 5.6 | 5.2 | 4.9 | 5.4 | 11.5% | 0.2% |
| Spain | 23.6 | 27.4 | 32.4 | 33.7 | 35.1 | 38.6 | 34.6 | 34.6 | 32.2 | 31.3 | 29.0 | -7.2% | 0.9% |
| Sweden | 0.8 | 0.8 | 0.8 | 0.9 | 1.0 | 0.9 | 1.1 | 1.6 | 1.3 | 1.1 | 1.1 | -1.8% | * |
| Switzerland | 2.9 | 3.0 | 3.1 | 3.0 | 2.9 | 3.1 | 3.0 | 3.3 | 3.0 | 3.3 | 3.6 | 12.4% | 0.1% |
| Turkey | 20.9 | 22.1 | 26.9 | 30.5 | 36.1 | 37.5 | 35.7 | 39.0 | 44.7 | 45.3 | 45.6 | 1.1% | 1.4% |
| Turkmenistan | 14.2 | 15.0 | 16.1 | 18.4 | 21.3 | 20.5 | 19.9 | 22.6 | 23.4 | 26.4 | 22.3 | -15.5% | 0.7% |
| Ukraine | 69.0 | 68.5 | 69.0 | 67.0 | 63.2 | 60.0 | 46.8 | 52.2 | 53.7 | 49.5 | 45.0 | -8.9% | 1.3% |
| United Kingdom | 95.3 | 97.4 | 94.9 | 90.0 | 91.0 | 93.4 | 87.0 | 94.2 | 78.1 | 73.7 | 73.1 | -0.6% | 2.2% |
| Uzbekistan | 45.8 | 43.4 | 42.7 | 41.9 | 45.9 | 48.7 | 43.5 | 45.5 | 49.1 | 46.9 | 45.2 | -3.3% | 1.3% |
| Other Europe & Eurasia | 15.3 | 16.9 | 17.1 | 17.8 | 18.2 | 17.6 | 14.7 | 16.0 | 16.6 | 16.1 | 14.9 | -6.9% | 0.4% |
| Total Europe & Eurasia | 1053.6 | 1077.6 | 1098.2 | 1117.4 | 1128.0 | 1133.5 | 1048.2 | 1127.4 | 1099.3 | 1082.6 | 1064.7 | -1.4% | 31.7% |
| Iran | 85.0 | 98.7 | 102.8 | 112.0 | 125.5 | 134.8 | 143.2 | 152.9 | 162.4 | 161.5 | 162.2 | 0.7% | 4.8% |
| Israel | † | 1.2 | 1.7 | 2.3 | 2.8 | 4.1 | 4.5 | 5.3 | 5.0 | 2.6 | 6.9 | 168.7% | 0.2% |
| Kuwait | 11.0 | 11.9 | 12.2 | 12.5 | 12.1 | 12.8 | 12.4 | 14.5 | 17.0 | 18.2 | 17.8 | -1.9% | 0.5% |
| Qatar | 12.2 | 15.0 | 18.7 | 19.6 | 19.3 | 19.3 | 20.0 | 20.4 | 23.1 | 23.5 | 25.9 | 10.3% | 0.8% |
| Saudi Arabia | 60.1 | 65.7 | 71.2 | 73.5 | 74.4 | 80.4 | 78.5 | 87.7 | 92.3 | 99.3 | 103.0 | 4.0% | 3.1% |
| United Arab Emirates | 37.9 | 40.2 | 42.1 | 43.4 | 49.2 | 59.5 | 59.1 | 60.8 | 62.5 | 65.6 | 68.3 | 4.5% | 2.0% |
| Other Middle East | 25.0 | 26.5 | 28.4 | 31.5 | 32.4 | 36.5 | 38.9 | 44.2 | 40.6 | 42.3 | 44.3 | 5.1% | 1.3% |
| Total Middle East | 231.1 | 259.3 | 277.0 | 294.8 | 315.7 | 347.4 | 356.5 | 385.8 | 402.8 | 412.9 | 428.3 | 4.0% | 12.8% |
| Algeria | 21.4 | 22.0 | 23.2 | 23.7 | 24.3 | 25.4 | 27.2 | 26.3 | 27.8 | 31.0 | 32.3 | 4.3% | 1.0% |
| Egypt | 29.7 | 31.7 | 31.6 | 36.5 | 38.4 | 40.8 | 42.5 | 45.1 | 49.6 | 52.6 | 51.4 | -2.0% | 1.5% |
| South Africa | 1.0 | 2.1 | 3.1 | 3.5 | 3.5 | 3.7 | 3.4 | 3.9 | 3.9 | 4.0 | 3.9 | -1.0% | 0.1% |
| Other Africa | 22.7 | 25.4 | 27.7 | 25.6 | 30.1 | 31.4 | 26.9 | 32.5 | 33.4 | 35.4 | 35.7 | 1.3% | 1.1% |
| Total Africa | 74.8 | 81.2 | 85.6 | 89.3 | 96.2 | 101.3 | 100.1 | 107.9 | 114.8 | 123.0 | 123.3 | 0.6% | 3.7% |
| Australia | 22.4 | 22.8 | 22.2 | 24.4 | 26.6 | 25.5 | 25.2 | 25.4 | 25.2 | 18.6 | 17.9 | -3.5% | 0.5% |
| Bangladesh | 12.3 | 12.8 | 13.8 | 15.1 | 15.9 | 17.0 | 18.5 | 19.9 | 20.1 | 21.1 | 21.9 | 4.2% | 0.7% |
| China | 33.9 | 39.7 | 46.8 | 56.1 | 70.5 | 81.3 | 89.5 | 106.9 | 130.5 | 146.3 | 161.6 | 10.8% | 4.8% |
| China Hong Kong SAR | 1.8 | 2.7 | 2.7 | 2.9 | 2.7 | 3.2 | 3.1 | 3.8 | 3.1 | 2.8 | 2.6 | -5.5% | 0.1% |
| India | 29.5 | 31.9 | 35.7 | 37.3 | 40.1 | 41.3 | 51.9 | 63.0 | 61.4 | 58.8 | 51.4 | -12.2% | 1.5% |
| Indonesia | 35.0 | 32.2 | 33.2 | 33.2 | 31.3 | 33.3 | 37.4 | 40.3 | 37.3 | 35.8 | 38.4 | 7.6% | 1.1% |
| Japan | 79.8 | 77.0 | 78.6 | 83.7 | 90.2 | 93.7 | 87.4 | 94.5 | 105.5 | 116.9 | 116.9 | 0.2% | 3.5% |
| Malaysia | 27.3 | 24.7 | 31.4 | 33.7 | 33.4 | 33.8 | 33.0 | 35.1 | 31.8 | 34.7 | 34.0 | -1.8% | 1.0% |
| New Zealand | 4.3 | 3.9 | 3.6 | 3.7 | 4.0 | 3.8 | 4.0 | 4.3 | 3.9 | 4.2 | 4.4 | 5.6% | 0.1% |
| Pakistan | 30.4 | 34.5 | 35.5 | 36.1 | 36.8 | 37.5 | 38.4 | 39.6 | 39.2 | 41.2 | 38.6 | -6.2% | 1.1% |
| Philippines | 2.5 | 2.4 | 3.2 | 3.0 | 3.6 | 3.7 | 3.8 | 3.5 | 3.9 | 3.7 | 3.4 | -8.2% | 0.1% |
| Singapore | 4.0 | 5.0 | 6.8 | 7.1 | 8.6 | 8.2 | 8.1 | 8.4 | 8.8 | 9.4 | 10.5 | 12.3% | 0.3% |
| South Korea | 24.2 | 28.4 | 30.4 | 32.0 | 34.7 | 35.7 | 33.9 | 43.0 | 46.3 | 50.2 | 52.5 | 4.9% | 1.6% |
| Taiwan | 7.7 | 9.3 | 9.4 | 10.1 | 10.7 | 11.6 | 11.4 | 14.1 | 15.5 | 16.3 | 16.3 | 0.6% | 0.5% |
| Thailand | 28.6 | 29.9 | 32.5 | 33.3 | 35.4 | 37.4 | 39.2 | 45.1 | 46.6 | 51.2 | 52.2 | 2.2% | 1.6% |
| Vietnam | 2.4 | 4.2 | 6.4 | 7.0 | 7.1 | 7.5 | 8.0 | 9.4 | 8.5 | 9.4 | 9.8 | 4.5% | 0.3% |
| Other Asia Pacific | 4.2 | 4.5 | 5.2 | 5.5 | 6.0 | 5.7 | 5.2 | 5.8 | 6.2 | 6.6 | 6.7 | 1.7% | 0.2% |
| Total Asia Pacific | 350.3 | 365.7 | 397.3 | 424.2 | 457.6 | 480.3 | 497.9 | 562.2 | 593.5 | 627.1 | 639.2 | 2.2% | 19.0% |
| Total World | 2596.6 | 2686.7 | 2764.3 | 2839.6 | 2954.4 | 3027.7 | 2957.4 | 3180.8 | 3233.0 | 3310.8 | 3347.6 | 1.4% | 100.0% |
| of which: OECD | 1394.8 | 1417.1 | 1430.0 | 1430.9 | 1478.5 | 1501.2 | 1459.9 | 1551.8 | 1539.9 | 1573.9 | 1596.5 | 1.8% | 47.8% |
| Non-OECD | 1201.8 | 1269.6 | 1334.3 | 1408.7 | 1475.8 | 1526.5 | 1497.5 | 1629.0 | 1693.0 | 1736.8 | | | |

Production*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------------|
| US | 494.8 | 480.7 | 467.6 | 479.3 | 498.6 | 521.7 | 532.7 | 549.5 | 589.8 | 620.8 | 627.2 | 1.3% | 20.6% |
| Canada | 166.2 | 165.3 | 168.4 | 169.6 | 164.4 | 158.9 | 147.6 | 143.9 | 143.7 | 140.4 | 139.3 | -0.5% | 4.6% |
| Mexico | 37.5 | 39.1 | 47.1 | 51.6 | 48.3 | 48.0 | 53.4 | 51.8 | 52.4 | 51.2 | 51.0 | -0.2% | 1.7% |
| Total North America | 698.5 | 685.1 | 683.1 | 700.5 | 711.3 | 728.6 | 733.7 | 745.2 | 786.0 | 812.4 | 817.5 | 0.9% | 26.9% |
| Argentina | 36.9 | 40.4 | 41.1 | 41.5 | 40.3 | 39.7 | 37.3 | 36.1 | 34.9 | 34.0 | 32.0 | -5.6% | 1.1% |
| Bolivia | 5.7 | 8.8 | 10.7 | 11.6 | 12.4 | 12.9 | 11.1 | 12.8 | 14.4 | 16.5 | 18.8 | 14.4% | 0.6% |
| Brazil | 9.0 | 9.9 | 9.8 | 10.0 | 10.1 | 12.6 | 10.7 | 13.1 | 15.1 | 17.3 | 19.2 | 11.0% | 0.6% |
| Colombia | 5.5 | 5.7 | 6.0 | 6.3 | 6.8 | 8.2 | 9.5 | 10.1 | 9.9 | 10.8 | 11.4 | 5.8% | 0.4% |
| Peru | 0.5 | 0.8 | 1.4 | 1.6 | 2.4 | 3.1 | 3.1 | 6.5 | 10.2 | 10.7 | 11.0 | 3.1% | 0.4% |
| Trinidad & Tobago | 24.3 | 27.2 | 29.7 | 36.1 | 38.0 | 37.8 | 39.3 | 40.3 | 38.6 | 38.5 | 38.6 | 0.5% | 1.3% |
| Venezuela | 22.7 | 25.6 | 24.7 | 28.3 | 32.5 | 29.5 | 27.9 | 24.7 | 24.8 | 26.5 | 25.6 | -3.2% | 0.8% |
| Other S. & Cent. America | 2.8 | 2.8 | 3.1 | 3.4 | 3.5 | 3.3 | 3.8 | 3.2 | 2.8 | 2.6 | 2.3 | -13.4% | 0.1% |
| Total S. & Cent. America | 107.4 | 121.2 | 126.5 | 138.9 | 146.1 | 146.9 | 142.7 | 146.9 | 150.7 | 156.8 | 158.7 | 1.5% | 5.2% |
| Azerbaijan | 4.2 | 4.1 | 4.7 | 5.5 | 8.8 | 13.3 | 13.3 | 13.6 | 13.3 | 14.0 | 14.5 | 3.8% | 0.5% |
| Denmark | 7.2 | 8.5 | 9.4 | 9.4 | 8.3 | 9.1 | 7.6 | 7.4 | 5.9 | 5.2 | 4.4 | -15.6% | 0.1% |
| Germany | 15.9 | 14.7 | 14.2 | 14.1 | 12.9 | 11.7 | 11.0 | 9.6 | 9.0 | 8.1 | 7.4 | -8.8% | 0.2% |
| Italy | 11.5 | 10.7 | 10.0 | 9.1 | 8.0 | 7.6 | 6.6 | 6.9 | 7.0 | 7.1 | 6.4 | -9.9% | 0.2% |
| Kazakhstan | 10.0 | 11.1 | 11.4 | 11.7 | 13.6 | 15.2 | 14.8 | 14.3 | 15.7 | 16.5 | 16.6 | 0.8% | 0.5% |
| Netherlands | 52.2 | 61.6 | 56.3 | 55.4 | 54.5 | 60.0 | 56.4 | 63.5 | 57.8 | 57.5 | 61.8 | 7.9% | 2.0% |
| Norway | 65.8 | 71.3 | 77.3 | 79.8 | 81.3 | 90.1 | 94.0 | 96.5 | 91.1 | 103.3 | 97.9 | -5.0% | 3.2% |
| Poland | 3.6 | 3.9 | 3.9 | 3.9 | 3.9 | 3.7 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | -1.4% | 0.1% |
| Romania | 11.7 | 11.5 | 11.2 | 10.7 | 10.4 | 10.3 | 10.1 | 9.8 | 9.8 | 9.8 | 9.9 | 0.6% | 0.3% |
| Russian Federation | 505.4 | 516.0 | 522.1 | 535.7 | 532.9 | 541.6 | 474.9 | 530.0 | 546.3 | 533.1 | 544.3 | 2.4% | 17.9% |
| Turkmenistan | 48.1 | 47.5 | 51.3 | 54.3 | 58.9 | 59.5 | 32.7 | 38.1 | 53.6 | 56.1 | 56.1 | 0.4% | 1.8% |
| Ukraine | 15.8 | 16.5 | 16.7 | 16.9 | 16.9 | 17.1 | 17.3 | 16.7 | 16.8 | 16.7 | 17.3 | 4.0% | 0.6% |
| United Kingdom | 92.6 | 86.7 | 79.4 | 72.0 | 64.9 | 62.7 | 53.7 | 51.4 | 40.7 | 35.0 | 32.8 | -5.9% | 1.1% |
| Uzbekistan | 46.8 | 48.8 | 48.6 | 49.0 | 53.2 | 56.0 | 54.0 | 53.7 | 51.3 | 51.2 | 49.7 | -2.8% | 1.6% |
| Other Europe & Eurasia | 9.5 | 9.9 | 9.6 | 9.4 | 9.6 | 9.2 | 9.1 | 9.1 | 8.5 | 7.8 | 6.7 | -13.8% | 0.2% |
| Total Europe & Eurasia | 900.5 | 922.8 | 926.0 | 936.8 | 937.9 | 967.0 | 859.3 | 924.2 | 930.8 | 925.3 | 929.6 | 0.7% | 30.6% |
| Bahrain | 8.7 | 8.8 | 9.6 | 10.2 | 10.6 | 11.4 | 11.5 | 11.8 | 12.0 | 12.4 | 14.2 | 15.2% | 0.5% |
| Iran | 74.4 | 86.8 | 92.1 | 100.3 | 112.5 | 119.2 | 129.8 | 137.1 | 143.9 | 149.1 | 149.9 | 0.8% | 4.9% |
| Iraq | 1.4 | 0.9 | 1.3 | 1.3 | 1.3 | 1.7 | 1.0 | 1.2 | 0.8 | 0.6 | 0.6 | -4.4% | • |
| Kuwait | 9.9 | 10.7 | 11.0 | 11.3 | 10.9 | 11.5 | 10.3 | 10.6 | 12.2 | 14.0 | 14.0 | 0.7% | 0.5% |
| Oman | 14.9 | 16.7 | 17.8 | 21.3 | 21.6 | 21.7 | 22.3 | 24.4 | 23.9 | 27.0 | 27.8 | 3.3% | 0.9% |
| Qatar | 28.3 | 35.3 | 41.2 | 45.6 | 56.9 | 69.3 | 80.4 | 105.0 | 130.7 | 135.7 | 142.7 | 5.4% | 4.7% |
| Saudi Arabia | 54.1 | 59.1 | 64.1 | 66.2 | 67.0 | 72.4 | 70.6 | 78.9 | 83.0 | 89.4 | 92.7 | 4.0% | 3.0% |
| Syria | 5.6 | 5.8 | 4.9 | 5.1 | 5.0 | 4.8 | 5.0 | 7.2 | 6.4 | 4.8 | 4.0 | -15.2% | 0.1% |
| United Arab Emirates | 40.3 | 41.7 | 43.0 | 44.1 | 45.3 | 45.2 | 43.9 | 46.2 | 47.1 | 48.9 | 50.4 | 3.3% | 1.7% |
| Yemen | - | - | - | - | - | - | 0.7 | 5.6 | 8.5 | 6.8 | 9.3 | 36.5% | 0.3% |
| Other Middle East | 0.2 | 1.3 | 1.7 | 2.3 | 2.7 | 3.3 | 2.7 | 3.0 | 4.0 | 2.4 | 5.9 | 148.5% | 0.2% |
| Total Middle East | 237.7 | 266.9 | 286.8 | 307.7 | 333.8 | 360.3 | 378.3 | 431.0 | 472.4 | 490.9 | 511.4 | 4.5% | 16.8% |
| Algeria | 74.5 | 73.8 | 79.4 | 76.0 | 76.3 | 77.2 | 71.6 | 72.4 | 74.4 | 73.4 | 70.7 | -3.3% | 2.3% |
| Egypt | 27.1 | 29.7 | 38.3 | 49.2 | 50.1 | 53.1 | 56.4 | 55.2 | 55.3 | 54.8 | 50.5 | -7.7% | 1.7% |
| Libya | 5.0 | 7.3 | 10.2 | 11.9 | 13.8 | 14.3 | 14.3 | 15.1 | 7.1 | 11.0 | 10.8 | -1.5% | 0.4% |
| Nigeria | 20.3 | 22.0 | 22.5 | 26.6 | 33.2 | 32.6 | 23.4 | 33.6 | 36.5 | 39.0 | 32.5 | -16.4% | 1.1% |
| Other Africa | 6.5 | 8.0 | 8.9 | 9.4 | 11.1 | 14.2 | 14.7 | 16.6 | 16.8 | 16.6 | 19.4 | 17.2% | 0.6% |
| Total Africa | 133.4 | 140.7 | 159.3 | 173.1 | 184.5 | 191.4 | 180.4 | 192.8 | 190.1 | 194.7 | 183.9 | -5.3% | 6.0% |
| Australia | 29.9 | 31.7 | 33.4 | 35.0 | 36.0 | 34.4 | 38.1 | 40.7 | 40.4 | 39.0 | 38.6 | -0.9% | 1.3% |
| Bangladesh | 11.1 | 11.5 | 12.4 | 13.6 | 14.3 | 15.3 | 16.7 | 17.9 | 18.1 | 19.0 | 19.7 | 4.2% | 0.6% |
| Brunei | 11.1 | 11.0 | 10.8 | 11.3 | 11.0 | 10.9 | 10.3 | 11.1 | 11.5 | 11.3 | 11.0 | -2.6% | 0.4% |
| China | 31.5 | 37.3 | 44.4 | 52.7 | 62.3 | 72.3 | 76.7 | 85.4 | 92.4 | 96.4 | 105.3 | 9.5% | 3.5% |
| India | 26.6 | 26.3 | 26.7 | 26.4 | 27.1 | 27.5 | 35.3 | 45.8 | 41.5 | 36.3 | 30.3 | -16.3% | 1.0% |
| Indonesia | 65.9 | 63.3 | 64.1 | 63.2 | 60.9 | 62.7 | 64.7 | 73.8 | 68.3 | 64.0 | 63.4 | -0.7% | 2.1% |
| Malaysia | 46.6 | 48.5 | 55.0 | 57.0 | 58.1 | 58.2 | 57.0 | 58.8 | 58.7 | 59.8 | 62.1 | 4.2% | 2.0% |
| Myanmar | 8.6 | 9.2 | 11.0 | 11.3 | 12.2 | 11.2 | 10.4 | 11.2 | 11.5 | 11.5 | 11.8 | 3.1% | 0.4% |
| Pakistan | 27.4 | 31.0 | 32.0 | 32.5 | 33.1 | 33.8 | 34.6 | 35.7 | 35.2 | 37.1 | 34.7 | -6.2% | 1.1% |
| Thailand | 19.3 | 20.1 | 21.3 | 21.9 | 23.4 | 25.9 | 27.8 | 32.7 | 33.3 | 37.3 | 37.6 | 1.2% | 1.2% |
| Vietnam | 2.1 | 3.7 | 5.8 | 6.3 | 6.4 | 6.7 | 7.2 | 8.5 | 7.6 | 8.4 | 8.8 | 4.5% | 0.3% |
| Other Asia Pacific | 9.6 | 9.0 | 9.9 | 13.1 | 15.6 | 16.5 | 16.7 | 16.4 | 16.5 | 16.4 | 16.9 | 3.3% | 0.6% |
| Total Asia Pacific | 289.8 | 302.7 | 326.7 | 344.3 | 360.4 | 375.4 | 395.6 | 437.8 | 435.2 | 436.4 | 440.1 | 1.1% | 14.5% |
| Total World | 2367.2 | 2439.4 | 2508.3 | 2601.3 | 2674.0 | 2769.6 | 2690.0 | 2878.0 | 2965.1 | 3016.6 | 3041.3 | 1.1% | 100.0% |
| of which: OECD | 992.5 | 990.4 | 983.5 | 995.4 | 998.6 | 1025.9 | 1022.9 | 1043.0 | 1059.2 | 1087.0 | 1088.4 | 0.4% | 35.8% |
| Non-OECD | 1374.7 | 1449.0 | 1524.9 | 1605.9 | 1675.3 | 1743.7 | 1667.1 | 1835.0 | 1905.9 | 1929.6 | 1952.9 | 1.5% | 64.2% |
| European Union | 203.2 | 206.5 | 192.7 | 182.7 | 171.2 | 172.9 | 157.2 | 160.2 | 141.3 | 133.1 | 132.1 | -0.5% | 4.3% |
| Former Soviet Union | 630.6 | 644.2 | 655.1 | 673.4 | 684.4 | 702.9 | 607.3 | 666.6 | 697.3 | 687.9 | 698.8 | 1.9% | 23.0% |

*Excluding gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.

•Less than 0.05%.

Note: Growth rates are adjusted for leap years.

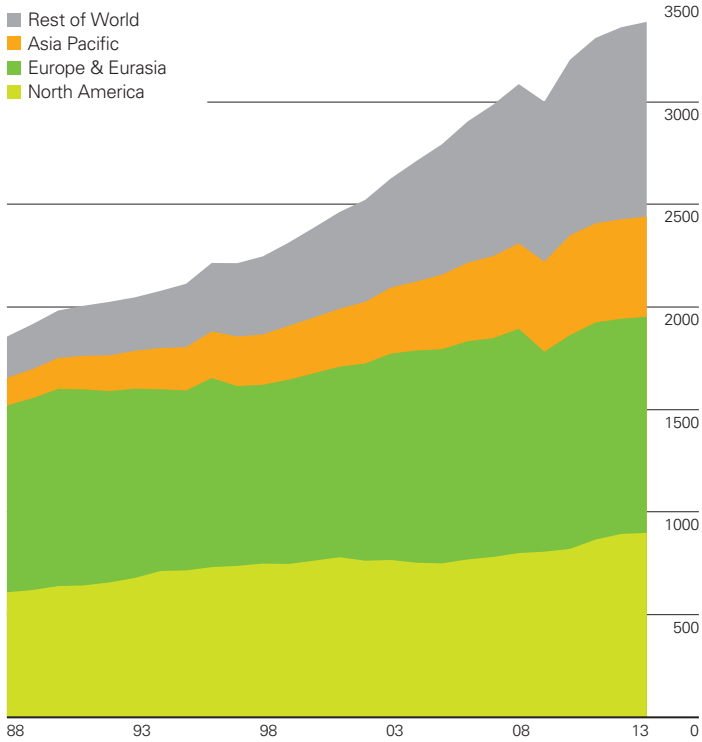
Source: Includes data from Cedigaz.

Consumption*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------------|
| US | 575.3 | 577.7 | 568.6 | 560.4 | 596.3 | 600.8 | 590.1 | 619.3 | 628.8 | 657.3 | 671.0 | 2.4% | 22.2% |
| Canada | 87.9 | 85.6 | 88.0 | 87.3 | 86.6 | 86.5 | 85.4 | 85.5 | 90.8 | 90.2 | 93.1 | 3.5% | 3.1% |
| Mexico | 46.3 | 48.9 | 54.9 | 60.0 | 57.1 | 59.6 | 65.2 | 65.2 | 69.0 | 71.6 | 74.5 | 4.2% | 2.5% |
| Total North America | 709.5 | 712.1 | 711.6 | 707.6 | 740.0 | 746.9 | 740.7 | 770.0 | 788.6 | 819.2 | 838.6 | 2.7% | 27.8% |
| Argentina | 31.1 | 34.1 | 36.4 | 37.6 | 39.5 | 40.0 | 38.9 | 39.0 | 41.1 | 42.6 | 43.2 | 1.7% | 1.4% |
| Brazil | 14.2 | 16.9 | 17.6 | 18.5 | 19.1 | 22.4 | 18.1 | 24.1 | 24.0 | 28.5 | 33.9 | 19.2% | 1.1% |
| Chile | 7.2 | 7.8 | 7.5 | 7.0 | 4.1 | 2.4 | 2.8 | 4.8 | 4.8 | 4.9 | 3.9 | -19.4% | 0.1% |
| Colombia | 5.4 | 5.7 | 6.0 | 6.3 | 6.7 | 6.8 | 7.8 | 8.2 | 8.0 | 8.9 | 9.6 | 9.1% | 0.3% |
| Ecuador | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.6 | 0.5 | -8.7% | * |
| Peru | 0.5 | 0.8 | 1.4 | 1.6 | 2.4 | 3.1 | 3.1 | 4.9 | 5.5 | 6.1 | 5.9 | -2.7% | 0.2% |
| Trinidad & Tobago | 12.0 | 13.3 | 14.7 | 19.1 | 19.7 | 19.2 | 19.9 | 20.9 | 20.8 | 20.0 | 20.2 | 1.1% | 0.7% |
| Venezuela | 22.7 | 25.6 | 24.7 | 28.3 | 32.5 | 30.9 | 29.0 | 26.1 | 26.8 | 28.3 | 27.5 | -2.5% | 0.9% |
| Other S. & Cent. America | 2.8 | 2.7 | 2.9 | 3.5 | 4.0 | 4.3 | 4.5 | 4.8 | 5.2 | 6.4 | 7.1 | 11.4% | 0.2% |
| Total S. & Cent. America | 96.1 | 107.1 | 111.5 | 122.4 | 128.6 | 129.3 | 124.8 | 133.2 | 136.7 | 146.1 | 151.8 | 4.2% | 5.0% |
| Austria | 8.5 | 8.5 | 9.0 | 8.5 | 8.0 | 8.6 | 8.4 | 9.1 | 8.5 | 8.1 | 7.6 | -5.9% | 0.3% |
| Azerbaijan | 7.0 | 7.5 | 7.7 | 8.2 | 7.2 | 8.2 | 7.0 | 6.7 | 7.3 | 7.7 | 7.8 | 1.5% | 0.3% |
| Belarus | 14.3 | 16.1 | 16.5 | 17.1 | 17.0 | 17.3 | 14.5 | 17.7 | 16.5 | 16.5 | 16.5 | 0.3% | 0.5% |
| Belgium | 14.4 | 14.6 | 14.7 | 15.0 | 14.9 | 14.8 | 15.1 | 17.0 | 14.9 | 15.2 | 15.1 | -0.4% | 0.5% |
| Bulgaria | 2.5 | 2.5 | 2.8 | 2.9 | 2.9 | 2.9 | 2.1 | 2.3 | 2.6 | 2.5 | 2.4 | -3.1% | 0.1% |
| Czech Republic | 7.8 | 8.2 | 8.5 | 8.4 | 7.8 | 7.8 | 7.4 | 8.4 | 7.6 | 7.4 | 7.6 | 3.2% | 0.3% |
| Denmark | 4.7 | 4.7 | 4.5 | 4.6 | 4.1 | 4.1 | 4.0 | 4.5 | 3.8 | 3.5 | 3.4 | -4.1% | 0.1% |
| Finland | 4.0 | 3.9 | 3.6 | 3.8 | 3.5 | 3.6 | 3.2 | 3.6 | 3.1 | 2.7 | 2.6 | -6.7% | 0.1% |
| France | 38.9 | 40.6 | 40.3 | 39.3 | 38.2 | 39.4 | 37.6 | 42.2 | 36.4 | 38.0 | 38.6 | 1.7% | 1.3% |
| Germany | 77.0 | 77.3 | 77.6 | 78.5 | 74.6 | 73.1 | 70.2 | 75.0 | 67.1 | 70.5 | 75.3 | 7.0% | 2.5% |
| Greece | 2.2 | 2.4 | 2.4 | 2.8 | 3.3 | 3.5 | 2.9 | 3.2 | 4.0 | 3.7 | 3.2 | -11.5% | 0.1% |
| Hungary | 11.9 | 11.8 | 11.0 | 9.7 | 11.8 | 12.6 | 11.5 | 11.3 | 9.3 | 9.2 | 7.7 | -16.2% | 0.3% |
| Republic of Ireland | 3.7 | 3.7 | 3.5 | 3.9 | 4.3 | 4.5 | 4.3 | 4.7 | 4.1 | 4.0 | 4.0 | -0.1% | 0.1% |
| Italy | 64.1 | 66.5 | 71.2 | 69.7 | 70.0 | 70.0 | 64.4 | 68.6 | 64.3 | 61.8 | 57.8 | -6.2% | 1.9% |
| Kazakhstan | 7.9 | 6.0 | 7.6 | 8.1 | 8.3 | 8.0 | 7.7 | 8.1 | 8.6 | 9.4 | 10.3 | 9.6% | 0.3% |
| Lithuania | 2.8 | 2.8 | 2.9 | 2.9 | 3.3 | 2.9 | 2.5 | 2.8 | 3.1 | 3.0 | 2.4 | -18.3% | 0.1% |
| Netherlands | 36.0 | 36.8 | 35.4 | 34.3 | 33.3 | 34.7 | 35.0 | 39.2 | 34.3 | 32.8 | 33.4 | 2.0% | 1.1% |
| Norway | 3.9 | 4.1 | 4.0 | 4.0 | 3.8 | 3.9 | 3.7 | 3.7 | 3.9 | 3.9 | 4.0 | 1.4% | 0.1% |
| Poland | 11.3 | 11.9 | 12.2 | 12.4 | 12.4 | 13.5 | 13.0 | 14.0 | 14.1 | 14.9 | 15.0 | 1.1% | 0.5% |
| Portugal | 2.7 | 3.4 | 3.8 | 3.7 | 3.9 | 4.3 | 4.2 | 4.6 | 4.7 | 4.0 | 3.7 | -9.6% | 0.1% |
| Romania | 16.5 | 15.7 | 15.8 | 16.3 | 14.5 | 14.3 | 11.9 | 12.2 | 12.5 | 12.2 | 11.2 | -7.5% | 0.4% |
| Russian Federation | 341.5 | 350.4 | 354.6 | 373.5 | 379.8 | 374.4 | 350.7 | 372.8 | 382.1 | 374.6 | 372.1 | -0.4% | 12.3% |
| Slovakia | 5.7 | 5.5 | 5.9 | 5.4 | 5.1 | 5.2 | 4.4 | 5.0 | 4.6 | 4.4 | 4.9 | 11.5% | 0.2% |
| Spain | 21.3 | 24.7 | 29.1 | 30.3 | 31.6 | 34.8 | 31.1 | 31.2 | 29.0 | 28.2 | 26.1 | -7.2% | 0.9% |
| Sweden | 0.7 | 0.7 | 0.7 | 0.8 | 0.9 | 0.8 | 1.0 | 1.4 | 1.1 | 1.0 | 1.0 | -1.8% | * |
| Switzerland | 2.6 | 2.7 | 2.8 | 2.7 | 2.6 | 2.8 | 2.7 | 3.0 | 2.7 | 2.9 | 3.3 | 12.4% | 0.1% |
| Turkey | 18.8 | 19.9 | 24.2 | 27.4 | 32.5 | 33.8 | 32.1 | 35.1 | 40.2 | 40.7 | 41.1 | 1.1% | 1.4% |
| Turkmenistan | 12.8 | 13.5 | 14.5 | 16.5 | 19.1 | 18.5 | 17.9 | 20.4 | 21.1 | 23.8 | 20.0 | -15.5% | 0.7% |
| Ukraine | 62.1 | 61.7 | 62.1 | 60.3 | 56.9 | 54.0 | 42.1 | 47.0 | 48.4 | 44.6 | 40.5 | -8.9% | 1.3% |
| United Kingdom | 85.8 | 87.6 | 85.4 | 81.0 | 81.9 | 84.1 | 78.3 | 84.8 | 70.3 | 66.3 | 65.8 | -0.6% | 2.2% |
| Uzbekistan | 41.2 | 39.1 | 38.4 | 37.7 | 41.3 | 43.8 | 39.2 | 41.0 | 44.2 | 42.2 | 40.7 | -3.3% | 1.3% |
| Other Europe & Eurasia | 13.8 | 15.2 | 15.4 | 16.0 | 16.4 | 15.8 | 13.3 | 14.4 | 14.9 | 14.5 | 13.4 | -6.9% | 0.4% |
| Total Europe & Eurasia | 948.2 | 969.9 | 988.4 | 1005.6 | 1015.2 | 1020.2 | 943.4 | 1014.7 | 989.3 | 974.3 | 958.3 | -1.4% | 31.7% |
| Iran | 76.5 | 88.9 | 92.5 | 100.8 | 113.0 | 121.3 | 128.9 | 137.6 | 146.2 | 145.4 | 146.0 | 0.7% | 4.8% |
| Israel | † | 1.1 | 1.5 | 2.1 | 2.5 | 3.7 | 4.1 | 4.8 | 4.5 | 2.3 | 6.2 | 168.7% | 0.2% |
| Kuwait | 9.9 | 10.7 | 11.0 | 11.3 | 10.9 | 11.5 | 11.1 | 13.1 | 15.3 | 16.3 | 16.0 | -1.9% | 0.5% |
| Qatar | 11.0 | 13.5 | 16.8 | 17.6 | 17.4 | 17.4 | 18.0 | 18.4 | 20.7 | 21.1 | 23.3 | 10.3% | 0.8% |
| Saudi Arabia | 54.1 | 59.1 | 64.1 | 66.2 | 67.0 | 72.4 | 70.6 | 78.9 | 83.0 | 89.4 | 92.7 | 4.0% | 3.1% |
| United Arab Emirates | 34.1 | 36.2 | 37.8 | 39.0 | 44.3 | 53.5 | 53.2 | 54.7 | 56.2 | 59.0 | 61.5 | 4.5% | 2.0% |
| Other Middle East | 22.5 | 23.9 | 25.5 | 28.3 | 29.1 | 32.9 | 35.0 | 39.8 | 36.6 | 38.0 | 39.9 | 5.1% | 1.3% |
| Total Middle East | 208.0 | 233.4 | 249.3 | 265.3 | 284.1 | 312.7 | 320.8 | 347.2 | 362.6 | 371.6 | 385.5 | 4.0% | 12.8% |
| Algeria | 19.3 | 19.8 | 20.9 | 21.4 | 21.9 | 22.8 | 24.5 | 23.7 | 25.1 | 27.9 | 29.1 | 4.3% | 1.0% |
| Egypt | 26.7 | 28.5 | 28.4 | 32.9 | 34.5 | 36.8 | 38.3 | 40.6 | 44.7 | 47.3 | 46.3 | -2.0% | 1.5% |
| South Africa | 0.9 | 1.9 | 2.8 | 3.1 | 3.1 | 3.4 | 3.0 | 3.5 | 3.5 | 3.6 | 3.5 | -1.0% | 0.1% |
| Other Africa | 20.4 | 22.8 | 24.9 | 23.0 | 27.1 | 28.2 | 24.3 | 29.3 | 30.1 | 31.8 | 32.1 | 1.3% | 1.1% |
| Total Africa | 67.3 | 73.1 | 77.1 | 80.4 | 86.6 | 91.2 | 90.1 | 97.1 | 103.4 | 110.7 | 111.0 | 0.6% | 3.7% |
| Australia | 20.2 | 20.5 | 19.9 | 22.0 | 23.9 | 23.0 | 22.7 | 22.8 | 22.6 | 16.7 | 16.1 | -3.5% | 0.5% |
| Bangladesh | 11.1 | 11.5 | 12.4 | 13.6 | 14.3 | 15.3 | 16.7 | 17.9 | 18.1 | 19.0 | 19.7 | 4.2% | 0.7% |
| China | 30.5 | 35.7 | 42.1 | 50.5 | 63.5 | 73.2 | 80.6 | 96.2 | 117.5 | 131.7 | 145.5 | 10.8% | 4.8% |
| China Hong Kong SAR | 1.7 | 2.4 | 2.4 | 2.6 | 2.5 | 2.9 | 2.8 | 3.4 | 2.7 | 2.5 | 2.4 | -5.5% | 0.1% |
| India | 26.6 | 28.7 | 32.1 | 33.5 | 36.1 | 37.2 | 46.7 | 56.7 | 55.3 | 52.9 | 46.3 | -12.2% | 1.5% |
| Indonesia | 31.5 | 29.0 | 29.9 | 29.9 | 28.2 | 30.0 | 33.6 | 36.3 | 33.5 | 32.2 | 34.6 | 7.6% | 1.1% |
| Japan | 71.8 | 69.3 | 70.7 | 75.4 | 81.2 | 84.4 | 78.7 | 85.1 | 95.0 | 105.3 | 105.2 | 0.2% | 3.5% |
| Malaysia | 24.6 | 22.2 | 28.3 | 30.4 | 30.1 | 30.4 | 29.7 | 31.6 | 28.6 | 31.2 | 30.6 | -1.8% | 1.0% |
| New Zealand | 3.9 | 3.5 | 3.2 | 3.3 | 3.6 | 3.4 | 3.6 | 3.9 | 3.5 | 3.8 | 4.0 | 5.6% | 0.1% |
| Pakistan | 27.4 | 31.0 | 32.0 | 32.5 | 33.1 | 33.8 | 34.6 | 35.7 | 35.2 | 37.1 | 34.7 | -6.2% | 1.1% |
| Philippines | 2.2 | 2.1 | 2.9 | 2.7 | 3.2 | 3.4 | 3.4 | 3.2 | 3.5 | 3.3 | 3.0 | -8.2% | 0.1% |
| Singapore | 3.6 | 4.5 | 6.2 | 6.3 | 7.8 | 7.4 | 7.3 | 7.6 | 7.9 | 8.5 | 9.5 | 12.3% | 0.3% |
| South Korea | 21.8 | 25.5 | 27.3 | 28.8 | 31.2 | 32.1 | 30.5 | 38.7 | 41.7 | 45.2 | 47.3 | 4.9% | 1.6% |
| Taiwan | 6.9 | 8.4 | 8.5 | 9.1 | 9.6 | 10.5 | 10.2 | 12.7 | 14.0 | 14.7 | 14.7 | 0.6% | 0.5% |
| Thailand | 25.7 | 26.9 | 29.3 | 30.0 | 31.8 | 33.6 | 35.3 | 40.6 | 41.9 | 46.1 | 47.0 | 2.2% | 1.6% |
| Vietnam | 2.1 | 3.7 | 5.8 | 6.3 | 6.4 | 6.7 | 7.2 | 8.5 | 7.6 | 8.4 | 8.8 | 4.5% | 0.3% |
| Other Asia Pacific | 3.8 | 4.1 | 4.7 | 4.9 | 5.4 | 5.1 | 4.6 | 5.2 | 5.6 | 5.9 | 6.0 | 1.7% | 0.2% |
| Total Asia Pacific | 315.3 | 329.2 | 357.6 | 381.8 | 411.9 | 432.2 | 448.1 | 506.0 | 534.2 | 564.4 | 575.2 | 2.2% | 19.0% |
| Total World | 2344.5 | 2424.7 | 2495.5 | 2563.1 | 2666.4 | 2732.5 | 2667.9 | 2868.2 | 2914.7 | 2986.3 | 3020.4 | 1.4% | 100.0% |
| of which: OECD | 1262.9 | 1282.1 | 1294.6 | 1295.2 | 1338.2 | 1358.7 | 1320.1 | 1402.1 | 1391.0 | 1423.1 | 1444.4 | 1.8% | 47.8% |
| Non-OECD | 1081.6 | 1142.6 | 1200.9 | 1267.9 | 1328.3 | 1373.9 | 1347.8 | 1466.1 | 1523.7 | 1563.1 | 1576.0 | 1.1% | 52.2%</ |

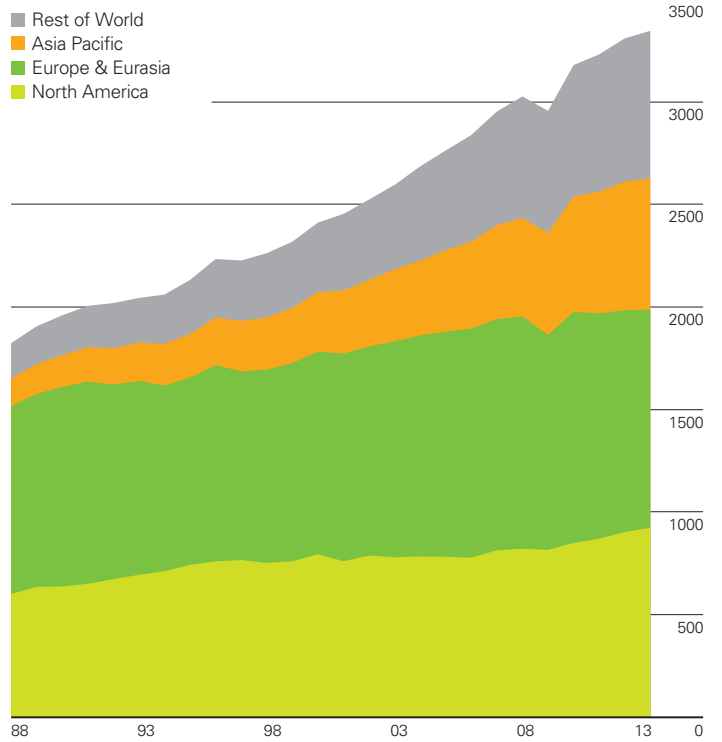
Production by region

Billion cubic metres



Consumption by region

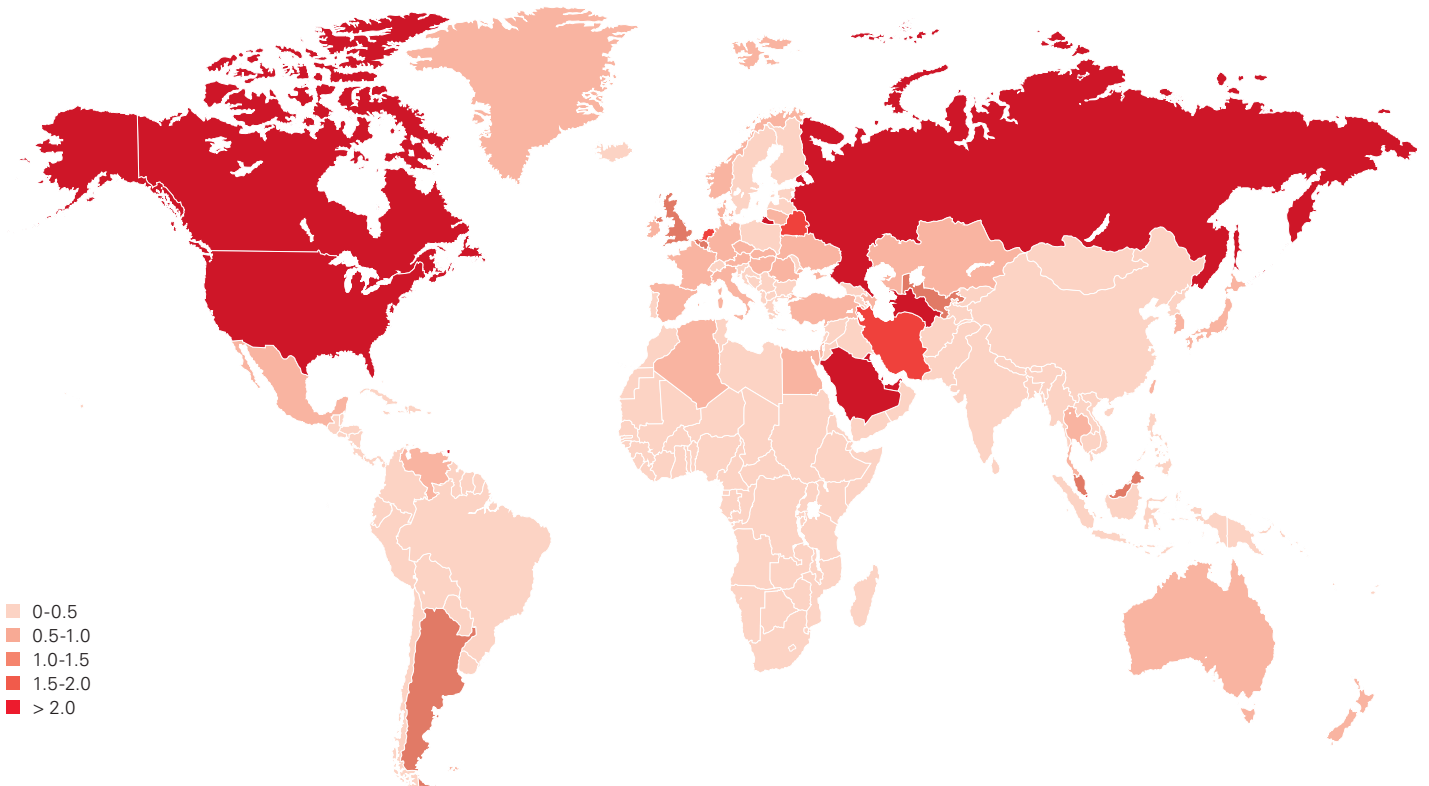
Billion cubic metres



World natural gas production increased by 1.1% in 2013, slightly below the growth rate of global consumption (+1.4%). Production growth was below average in all regions except Europe & Eurasia. Russia (+2.4%) and China (+9.5%) recorded the largest growth increments. Consumption growth was below average in all regions except North America. China (+10.8%) and the US (+2.4%) recorded the largest growth increments.

Consumption per capita 2013

Tonnes oil equivalent



Source: Includes data from Cedigaz.

Prices

\$/Mmbtu



Prices

| US dollars per million Btu | LNG Japan cif | Natural gas | | | Canada (Alberta)‡ | Crude oil OECD countries cif |
|----------------------------|---------------------|---------------------------------|--------------------------|------------------|----------------------|------------------------------------|
| | | Average German Import Price* | UK (Heren NBP Index)† | US Henry Hub‡ | | |
| 1984 | 5.10 | 4.00 | - | - | - | 5.00 |
| 1985 | 5.23 | 4.25 | - | - | - | 4.75 |
| 1986 | 4.10 | 3.93 | - | - | - | 2.57 |
| 1987 | 3.35 | 2.55 | - | - | - | 3.09 |
| 1988 | 3.34 | 2.22 | - | - | - | 2.56 |
| 1989 | 3.28 | 2.00 | - | - | - | 3.01 |
| 1990 | 3.64 | 2.78 | - | 1.64 | 1.05 | 3.82 |
| 1991 | 3.99 | 3.19 | - | 1.49 | 0.89 | 3.33 |
| 1992 | 3.62 | 2.69 | - | 1.77 | 0.98 | 3.19 |
| 1993 | 3.52 | 2.50 | - | 2.12 | 1.69 | 2.82 |
| 1994 | 3.18 | 2.35 | - | 1.92 | 1.45 | 2.70 |
| 1995 | 3.46 | 2.39 | - | 1.69 | 0.89 | 2.96 |
| 1996 | 3.66 | 2.46 | 1.87 | 2.76 | 1.12 | 3.54 |
| 1997 | 3.91 | 2.64 | 1.96 | 2.53 | 1.36 | 3.29 |
| 1998 | 3.05 | 2.32 | 1.86 | 2.08 | 1.42 | 2.16 |
| 1999 | 3.14 | 1.88 | 1.58 | 2.27 | 2.00 | 2.98 |
| 2000 | 4.72 | 2.89 | 2.71 | 4.23 | 3.75 | 4.83 |
| 2001 | 4.64 | 3.66 | 3.17 | 4.07 | 3.61 | 4.08 |
| 2002 | 4.27 | 3.23 | 2.37 | 3.33 | 2.57 | 4.17 |
| 2003 | 4.77 | 4.06 | 3.33 | 5.63 | 4.83 | 4.89 |
| 2004 | 5.18 | 4.32 | 4.46 | 5.85 | 5.03 | 6.27 |
| 2005 | 6.05 | 5.88 | 7.38 | 8.79 | 7.25 | 8.74 |
| 2006 | 7.14 | 7.85 | 7.87 | 6.76 | 5.83 | 10.66 |
| 2007 | 7.73 | 8.03 | 6.01 | 6.95 | 6.17 | 11.95 |
| 2008 | 12.55 | 11.56 | 10.79 | 8.85 | 7.99 | 16.76 |
| 2009 | 9.06 | 8.52 | 4.85 | 3.89 | 3.38 | 10.41 |
| 2010 | 10.91 | 8.01 | 6.56 | 4.39 | 3.69 | 13.47 |
| 2011 | 14.73 | 10.48 | 9.04 | 4.01 | 3.47 | 18.55 |
| 2012 | 16.75 | 11.03 | 9.46 | 2.76 | 2.27 | 18.82 |
| 2013 | 16.17 | 10.72 | 10.63 | 3.71 | 2.93 | 18.25 |

*Source: 1984-1990 German Federal Statistical Office, 1991-2013 German Federal Office of Economics and Export Control (BAFA).

†Source: ICIS Heren Energy Ltd.

‡Source: Energy Intelligence Group, *Natural Gas Week*.

Note: cif = cost+insurance+freight (average prices).

Trade movements 2013 by pipeline

| Billion cubic metres | | From | | | | | | | | | | | | | | | | | | | Total imports | |
|-------------------------------|-------------|-------------|----------|-------------|--------------------------|-------------|--------------|----------------|--------------|-------------|--------------------|--------------|---------------------------|------------|-------------|-------------|------------|--------------|------------|------------|---------------|--------------------|
| To | US | Canada | Mexico | Bolivia | Other S. & Cent. America | Netherlands | Norway | United Kingdom | Other Europe | Kazakhstan | Russian Federation | Turkmenistan | Other Former Soviet Union | Iran | Qatar | Algeria | Libya | Other Africa | Indonesia | Myanmar | | Other Asia Pacific |
| US | - | 78.9 | † | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.9 |
| Canada | 25.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25.8 |
| Mexico | 18.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.6 |
| North America | 44.4 | 78.9 | † | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 123.3 |
| Argentina | - | - | - | 5.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.2 |
| Brazil | - | - | - | 10.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.8 |
| Other S. & Cent. America | - | - | - | - | 2.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.7 |
| S. & Cent. America | - | - | - | 15.9 | 2.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.6 |
| Austria | - | - | - | - | - | - | 1.2 | 0.5 | - | 5.1 | - | - | - | - | - | - | - | - | - | - | - | 6.8 |
| Belgium | - | - | - | - | - | 5.4 | 9.4 | 2.5 | - | 12.3 | - | - | - | - | - | - | - | - | - | - | - | 29.6 |
| Czech Republic | - | - | - | - | - | - | 3.8 | - | - | 7.2 | - | - | - | - | - | - | - | - | - | - | - | 11.0 |
| Finland | - | - | - | - | - | - | - | - | - | 3.5 | - | - | - | - | - | - | - | - | - | - | - | 3.5 |
| France | - | - | - | - | - | 6.5 | 15.5 | 0.4 | - | 8.1 | - | - | - | - | - | - | - | - | - | - | - | 30.5 |
| Germany | - | - | - | - | - | 22.4 | 33.5 | † | - | 39.8 | - | - | - | - | - | - | - | - | - | - | - | 95.8 |
| Greece | - | - | - | - | - | - | - | - | 0.6 | 2.4 | - | - | - | - | - | - | - | - | - | - | - | 3.0 |
| Hungary | - | - | - | - | - | - | - | - | - | 5.9 | - | - | - | - | - | - | - | - | - | - | - | 5.9 |
| Ireland | - | - | - | - | - | - | - | 4.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.9 |
| Italy | - | - | - | - | - | 8.6 | 1.1 | 0.3 | - | 24.9 | - | - | - | - | - | 11.4 | 5.2 | - | - | - | - | 51.6 |
| Netherlands | - | - | - | - | - | - | 4.8 | 1.6 | 13.0 | 2.1 | - | - | - | - | - | - | - | - | - | - | - | 21.5 |
| Poland | - | - | - | - | - | - | - | - | 1.8 | 9.6 | - | - | - | - | - | - | - | - | - | - | - | 11.4 |
| Slovakia | - | - | - | - | - | - | - | - | - | 5.3 | - | - | - | - | - | - | - | - | - | - | - | 5.3 |
| Spain | - | - | - | - | - | - | 2.7 | 1.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.3 |
| Turkey | - | - | - | - | - | - | - | - | - | 26.2 | - | 3.3 | 8.7 | - | - | - | - | - | - | - | - | 38.2 |
| United Kingdom | - | - | - | - | - | 9.5 | 29.1 | 3.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 41.9 |
| Other Europe | - | - | - | - | - | 0.8 | 1.2 | † | 6.8 | - | 10.0 | - | - | - | - | 2.0 | - | - | - | - | - | 20.7 |
| Europe | - | - | - | - | - | 53.2 | 102.4 | 8.9 | 28.1 | - | 162.4 | - | 3.3 | 8.7 | - | 24.8 | 5.2 | - | - | - | - | 397.1 |
| Belarus | - | - | - | - | - | - | - | - | - | 18.1 | - | - | - | - | - | - | - | - | - | - | - | 18.1 |
| Russian Federation | - | - | - | - | - | - | - | - | - | 11.5 | 9.9 | 6.4 | - | - | - | - | - | - | - | - | - | 27.8 |
| Ukraine | - | - | - | - | - | - | - | 1.8 | - | 25.1 | - | - | - | - | - | - | - | - | - | - | - | 26.9 |
| Other Former Soviet Union | - | - | - | - | - | - | - | - | - | 0.2 | 5.6 | 1.1 | 3.8 | 0.7 | - | - | - | - | - | - | - | 11.4 |
| Former Soviet Union | - | - | - | - | - | - | - | - | 1.8 | 11.7 | 48.9 | 11.0 | 10.1 | 0.7 | - | - | - | - | - | - | - | 84.2 |
| Iran | - | - | - | - | - | - | - | - | - | - | 4.7 | 0.4 | - | - | - | - | - | - | - | - | - | 5.0 |
| United Arab Emirates | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.8 | - | - | - | - | - | - | 17.8 |
| Other Middle East | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.1 | - | 0.2 | - | - | - | - | 2.2 |
| Middle East | - | - | - | - | - | - | - | - | - | - | - | 4.7 | 0.4 | - | 19.9 | - | - | 0.2 | - | - | - | 25.1 |
| South Africa | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.9 | - | - | - | 2.9 |
| Other Africa | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3.2 | 0.3 | - | - | - | - | 3.5 |
| Africa | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3.2 | 3.2 | - | - | - | - | 6.4 |
| Australia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.8 | 6.8 |
| China | - | - | - | - | - | - | - | - | - | 0.1 | 24.4 | 2.9 | - | - | - | - | - | - | - | - | † | 27.4 |
| China Hong Kong SAR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.8 |
| Malaysia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.2 | - | - | 1.2 |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.6 | - | 1.6 | 9.2 |
| Thailand | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.5 | - | 8.5 |
| Asia Pacific | - | - | - | - | - | - | - | - | - | 0.1 | 24.4 | 2.9 | - | - | - | - | - | - | 8.9 | 8.5 | 11.1 | 55.9 |
| Total exports | 44.4 | 78.9 | † | 15.9 | 2.7 | 53.2 | 102.4 | 8.9 | 29.9 | 11.8 | 211.3 | 40.1 | 16.7 | 9.4 | 19.9 | 28.0 | 5.2 | 3.4 | 8.9 | 8.5 | 11.1 | 710.6 |

†Less than 0.05.

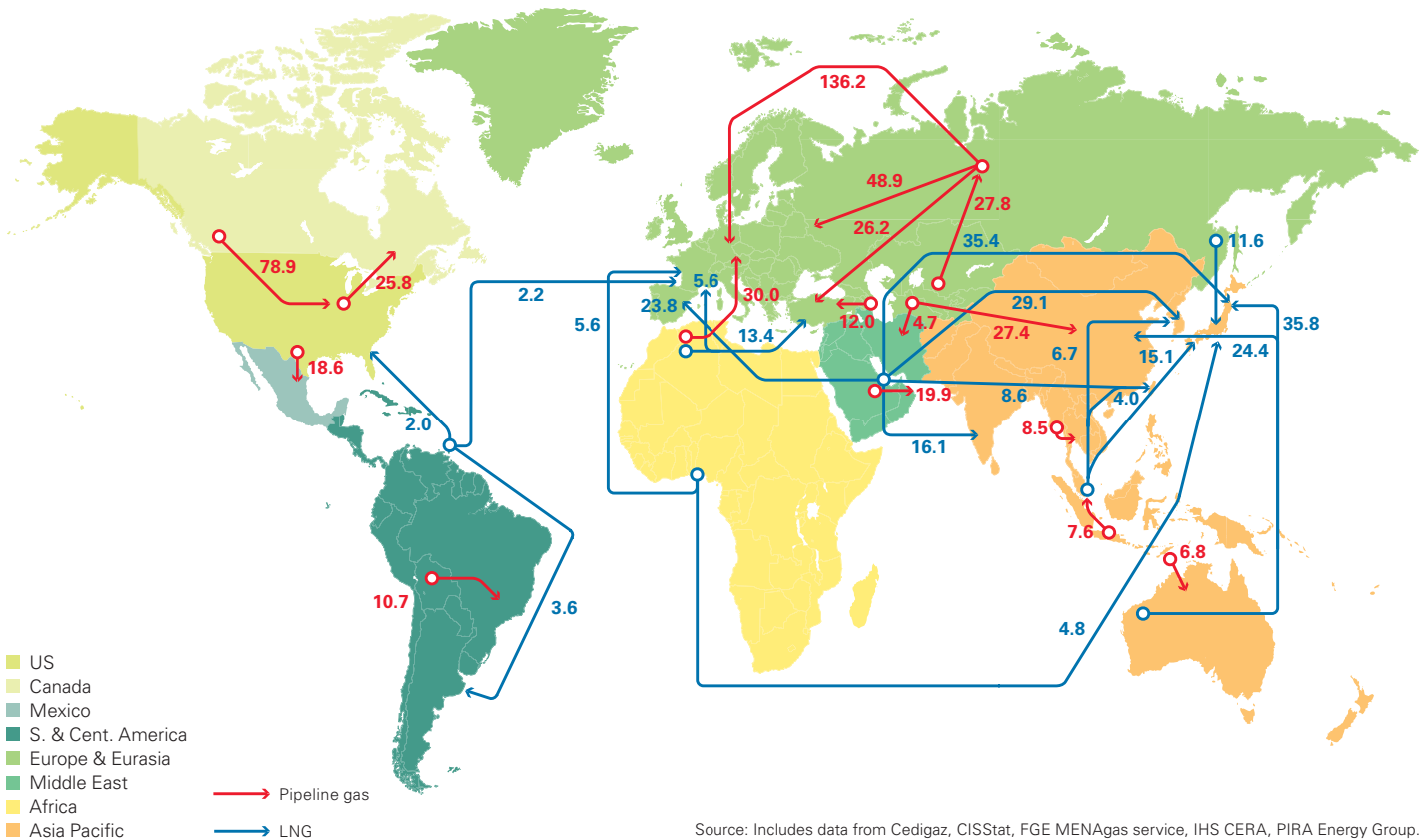
Source: Includes data from Cedigaz, CISStat, FGE MENAgas service, IHS CERA, PIRA Energy Group.

Trade movements 2013 as liquefied natural gas

| Billion cubic metres | | From | | | | | | | | | | | | | | | | | | | Total imports | |
|-------------------------------|------------|---------|-------------------|------------|------------|---------------|--------------------|------------|-------------|----------------------|------------|-------------|------------|------------|-------------------|------------|------------|--------|------------|----------|---------------|-------------|
| To | US* | Brazil* | Trinidad & Tobago | Peru | Norway | Other Europe* | Russian Federation | Oman | Qatar | United Arab Emirates | Yemen | Algeria | Angola | Egypt | Equatorial Guinea | Nigeria | Australia | Brunei | Indonesia | Malaysia | | |
| US | - | - | 2.0 | - | 0.2 | - | - | - | 0.2 | 0.3 | - | - | - | - | - | 0.1 | - | - | - | - | - | 2.7 |
| Canada | † | - | 0.2 | - | - | - | - | - | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | 1.1 |
| Mexico | 0.1 | - | 0.4 | 2.5 | 0.4 | 0.4 | - | - | 1.6 | 0.5 | - | - | - | - | - | 1.6 | - | - | 0.4 | - | - | 7.8 |
| North America | 0.1 | - | 2.6 | 2.5 | 0.5 | 0.4 | - | - | 2.6 | 0.8 | - | - | - | - | - | 1.6 | - | - | 0.4 | - | - | 11.6 |
| Argentina | - | † | 3.6 | - | 0.1 | 1.6 | - | - | 0.9 | - | - | - | - | 0.2 | - | 0.5 | - | - | - | - | - | 6.9 |
| Brazil | - | - | 2.5 | - | 0.3 | 1.0 | - | - | 0.3 | - | - | 0.1 | 0.1 | 0.1 | - | 0.9 | - | - | - | - | - | 5.1 |
| Chile | - | - | 3.5 | - | - | - | - | - | 0.2 | - | 0.4 | - | - | - | - | - | - | - | - | - | - | 4.1 |
| Other S. & Cent. America | - | - | 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | - | - | - | - | - | 3.4 |
| S. & Cent. America | - | † | 13.0 | - | 0.3 | 2.6 | - | - | 1.3 | 0.4 | - | 0.1 | 0.1 | 0.2 | - | 1.5 | - | - | - | - | - | 19.6 |
| Belgium | - | - | - | - | † | - | - | - | 3.2 | - | - | - | - | - | - | - | - | - | - | - | - | 3.2 |
| France | - | - | - | - | 0.3 | 0.1 | - | - | 1.8 | 0.1 | - | 5.3 | - | - | - | 1.2 | - | - | - | - | - | 8.7 |
| Italy | - | - | - | - | - | 0.3 | - | - | 5.2 | - | - | † | - | - | - | - | - | - | - | - | - | 5.5 |
| Spain | - | - | 2.0 | 1.5 | 1.1 | 0.3 | - | 0.2 | 3.5 | - | - | 3.2 | - | † | - | 3.1 | - | - | - | - | - | 14.9 |
| Turkey | - | - | - | - | 0.2 | 0.1 | - | - | 0.4 | - | 0.1 | 3.8 | - | 0.2 | - | 1.3 | - | - | - | - | - | 6.1 |
| United Kingdom | - | - | 0.1 | - | 0.1 | - | - | - | 8.6 | - | - | 0.4 | - | 0.1 | - | - | - | - | - | - | - | 9.3 |
| Other Europe & Eurasia | - | - | 0.1 | - | 0.6 | 0.2 | - | - | 0.8 | - | - | 0.7 | - | 0.1 | - | 1.3 | - | - | - | - | - | 3.7 |
| Europe & Eurasia | - | - | 2.2 | 1.5 | 2.3 | 1.0 | - | 0.2 | 23.4 | - | 0.2 | 13.5 | - | 0.4 | - | 6.9 | - | - | - | - | - | 51.5 |
| Middle East | - | - | 0.3 | - | - | 0.2 | - | - | 3.3 | - | - | 0.1 | - | 0.2 | - | 0.3 | 0.1 | - | - | - | - | 4.5 |
| China | - | - | 0.1 | - | - | 0.1 | - | - | 9.2 | 1.5 | - | 0.1 | 0.1 | 0.6 | 0.5 | 0.5 | 4.8 | - | 3.3 | 3.6 | - | 24.5 |
| India | - | - | - | - | 0.1 | 0.1 | - | - | 15.3 | 0.7 | - | 0.1 | - | 0.4 | - | 0.9 | - | 0.1 | - | - | - | 17.8 |
| Japan | - | - | 0.4 | 1.0 | 0.4 | 0.2 | 11.6 | 5.5 | 21.8 | 7.4 | 0.7 | 0.6 | 0.2 | 0.8 | 3.0 | 5.2 | 24.4 | 6.9 | 8.5 | 20.3 | - | 119.0 |
| South Korea | - | - | 0.7 | 0.7 | 0.1 | 0.3 | 2.5 | 5.9 | 18.3 | - | 4.9 | 0.2 | 0.1 | 0.8 | 0.2 | 3.8 | 0.8 | 1.6 | 7.7 | 5.9 | | |

Major trade movements 2013

Trade flows worldwide (billion cubic metres)



Gas trade in 2012 and 2013

| Billion cubic metres | 2012 | | | | 2013 | | | |
|---------------------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | Pipeline imports | LNG imports | Pipeline exports | LNG exports | Pipeline imports | LNG imports | Pipeline exports | LNG exports |
| US | 83.8 | 4.9 | 45.1 | 0.9 | 78.9 | 2.7 | 44.4 | 0.1 |
| Canada | 27.5 | 1.8 | 83.8 | - | 25.8 | 1.1 | 78.9 | - |
| Mexico | 17.6 | 4.8 | † | - | 18.6 | 7.8 | † | - |
| Trinidad & Tobago | - | - | - | 18.9 | - | - | - | 19.8 |
| Other S. & Cent. America | 15.8 | 15.2 | 15.8 | 5.5 | 18.6 | 19.6 | 18.6 | 5.7 |
| France | 32.3 | 10.3 | 1.2 | 0.2 | 30.5 | 8.7 | 1.1 | 0.6 |
| Germany | 83.5 | - | 12.5 | - | 95.8 | - | 15.1 | - |
| Italy | 55.4 | 7.1 | 0.1 | - | 51.6 | 5.5 | 0.2 | - |
| Netherlands | 20.9 | 0.8 | 48.6 | - | 21.5 | 0.8 | 53.2 | 0.2 |
| Norway | - | - | 107.6 | 4.8 | † | - | 102.4 | 3.8 |
| Spain | 13.3 | 20.4 | 0.7 | 1.2 | 15.3 | 14.9 | 0.9 | 2.6 |
| Turkey | 37.4 | 7.7 | 0.6 | - | 38.2 | 6.1 | 0.6 | - |
| United Kingdom | 37.7 | 13.7 | 12.0 | - | 41.9 | 9.3 | 8.9 | - |
| Other Europe | 101.9 | 8.2 | 10.5 | 1.6 | 102.2 | 6.1 | 11.9 | 1.6 |
| Russian Federation | 29.8 | - | 194.2 | 14.8 | 27.8 | - | 211.3 | 14.2 |
| Ukraine | 29.4 | - | - | - | 26.9 | - | - | - |
| Other Former Soviet Union | 29.3 | - | 63.3 | - | 29.5 | - | 68.5 | - |
| Qatar | - | - | 19.2 | 103.1 | - | - | 19.9 | 105.6 |
| Other Middle East | 24.4 | 4.6 | 8.8 | 25.7 | 25.1 | 4.5 | 9.4 | 28.5 |
| Algeria | - | - | 34.2 | 15.3 | - | - | 28.0 | 14.9 |
| Other Africa | 6.3 | - | 9.7 | 38.5 | 6.4 | - | 8.6 | 31.6 |
| China | 21.4 | 20.0 | 2.8 | - | 27.4 | 24.5 | 2.8 | - |
| Japan | - | 118.8 | - | - | - | 119.0 | - | - |
| Indonesia | - | - | 10.2 | 24.8 | - | - | 8.9 | 22.4 |
| South Korea | - | 49.1 | - | - | - | 54.2 | - | - |
| Other Asia Pacific | 28.8 | 36.7 | 15.8 | 68.9 | 28.5 | 40.4 | 16.9 | 73.5 |
| Total World | 696.6 | 324.2 | 696.6 | 324.2 | 710.6 | 325.3 | 710.6 | 325.3 |

†Less than 0.05.

Source: Includes data from Cedigaz, CISStat, FGE MENAgas service, GIIGNL, IHS CERA, PIRA Energy Group, Poten, Waterborne.

Proved reserves at end 2013

| Million tonnes | Anthracite and bituminous | Sub-bituminous and lignite | Total | Share of total | R/P ratio |
|---------------------------------------|---------------------------|----------------------------|---------------|----------------|------------|
| US | 108501 | 128794 | 237295 | 26.6% | 266 |
| Canada | 3474 | 3108 | 6582 | 0.7% | 95 |
| Mexico | 860 | 351 | 1211 | 0.1% | 73 |
| Total North America | 112835 | 132253 | 245088 | 27.5% | 250 |
| Brazil | – | 6630 | 6630 | 0.7% | * |
| Colombia | 6746 | – | 6746 | 0.8% | 79 |
| Venezuela | 479 | – | 479 | 0.1% | 206 |
| Other S. & Cent. America | 57 | 729 | 786 | 0.1% | 278 |
| Total S. & Cent. America | 7282 | 7359 | 14641 | 1.6% | 149 |
| Bulgaria | 2 | 2364 | 2366 | 0.3% | 83 |
| Czech Republic | 181 | 871 | 1052 | 0.1% | 21 |
| Germany | 48 | 40500 | 40548 | 4.5% | 213 |
| Greece | – | 3020 | 3020 | 0.3% | 56 |
| Hungary | 13 | 1647 | 1660 | 0.2% | 174 |
| Kazakhstan | 21500 | 12100 | 33600 | 3.8% | 293 |
| Poland | 4178 | 1287 | 5465 | 0.6% | 38 |
| Romania | 10 | 281 | 291 | ♦ | 12 |
| Russian Federation | 49088 | 107922 | 157010 | 17.6% | 452 |
| Spain | 200 | 330 | 530 | 0.1% | 120 |
| Turkey | 322 | 8380 | 8702 | 1.0% | 141 |
| Ukraine | 15351 | 18522 | 33873 | 3.8% | 384 |
| United Kingdom | 228 | – | 228 | ♦ | 18 |
| Other Europe & Eurasia | 1436 | 20757 | 22193 | 2.5% | 236 |
| Total Europe & Eurasia | 92557 | 217981 | 310538 | 34.8% | 254 |
| South Africa | 30156 | – | 30156 | 3.4% | 117 |
| Zimbabwe | 502 | – | 502 | 0.1% | 315 |
| Other Africa | 942 | 214 | 1156 | 0.1% | 466 |
| Middle East | 1122 | – | 1122 | 0.1% | * |
| Total Middle East & Africa | 32722 | 214 | 32936 | 3.7% | 126 |
| Australia | 37100 | 39300 | 76400 | 8.6% | 160 |
| China | 62200 | 52300 | 114500 | 12.8% | 31 |
| India | 56100 | 4500 | 60600 | 6.8% | 100 |
| Indonesia | – | 28017 | 28017 | 3.1% | 67 |
| Japan | 337 | 10 | 347 | ♦ | 288 |
| New Zealand | 33 | 538 | 571 | 0.1% | 126 |
| North Korea | 300 | 300 | 600 | 0.1% | 15 |
| Pakistan | – | 2070 | 2070 | 0.2% | * |
| South Korea | – | 126 | 126 | ♦ | 69 |
| Thailand | – | 1239 | 1239 | 0.1% | 69 |
| Vietnam | 150 | – | 150 | ♦ | 4 |
| Other Asia Pacific | 1583 | 2125 | 3708 | 0.4% | 87 |
| Total Asia Pacific | 157803 | 130525 | 288328 | 32.3% | 54 |
| Total World | 403199 | 488332 | 891531 | 100.0% | 113 |
| of which: OECD | 155494 | 229321 | 384815 | 43.2% | 191 |
| Non-OECD | 247705 | 259011 | 506716 | 56.8% | 86 |
| European Union | 4883 | 51199 | 56082 | 6.3% | 103 |
| Former Soviet Union | 86725 | 141309 | 228034 | 25.6% | 396 |

*More than 500 years.

♦Less than 0.05%.

Source of reserves data: World Energy Resources 2013 Survey, World Energy Council.

Notes: Proved reserves of coal – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known deposits under existing economic and operating conditions.

Reserves-to-production (R/P) ratio – If the reserves remaining at the end of the year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Prices

| US dollars per tonne | Northwest Europe marker price† | US Central Appalachian coal spot price index‡ | Japan coking coal import cif price | Japan steam coal import cif price | Asian marker price† |
|----------------------|--------------------------------|---|------------------------------------|-----------------------------------|---------------------|
| 1993 | 33.68 | 29.85 | 55.26 | 45.71 | – |
| 1994 | 37.18 | 31.72 | 51.77 | 43.66 | – |
| 1995 | 44.50 | 27.01 | 54.47 | 47.58 | – |
| 1996 | 41.25 | 29.86 | 56.68 | 49.54 | – |
| 1997 | 38.92 | 29.76 | 55.51 | 45.53 | – |
| 1998 | 32.00 | 31.00 | 50.76 | 40.51 | 29.48 |
| 1999 | 28.79 | 31.29 | 42.83 | 35.74 | 27.82 |
| 2000 | 35.99 | 29.90 | 39.69 | 34.58 | 31.76 |
| 2001 | 39.03 | 50.15 | 41.33 | 37.96 | 36.89 |
| 2002 | 31.65 | 33.20 | 42.01 | 36.90 | 30.41 |
| 2003 | 43.60 | 38.52 | 41.57 | 34.74 | 36.53 |
| 2004 | 72.08 | 64.90 | 60.96 | 51.34 | 72.42 |
| 2005 | 60.54 | 70.12 | 89.33 | 62.91 | 61.84 |
| 2006 | 64.11 | 62.96 | 93.46 | 63.04 | 56.47 |
| 2007 | 88.79 | 51.16 | 88.24 | 69.86 | 84.57 |
| 2008 | 147.67 | 118.79 | 179.03 | 122.81 | 148.06 |
| 2009 | 70.66 | 68.08 | 167.82 | 110.11 | 78.81 |
| 2010 | 92.50 | 71.63 | 158.95 | 105.19 | 105.43 |
| 2011 | 121.52 | 87.38 | 229.12 | 136.21 | 125.74 |
| 2012 | 92.50 | 72.06 | 191.46 | 133.61 | 105.50 |
| 2013 | 81.69 | 71.39 | 140.45 | 111.16 | 90.90 |

†Source: IHS McCloskey Northwest Europe prices for 1993-2000 are the average of the monthly marker, 2001-2013 the average of weekly prices. The Asian prices are the average of the monthly marker.

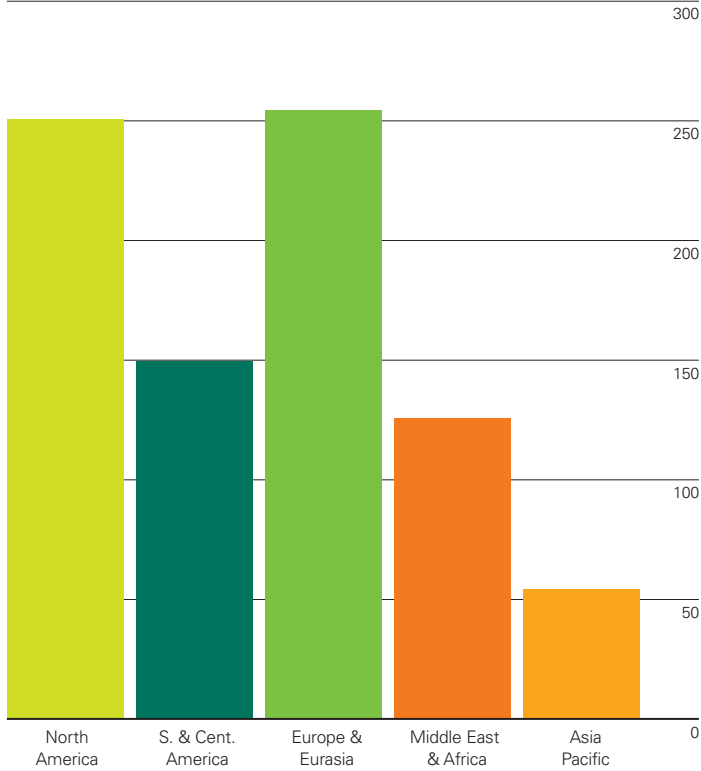
‡Source: Platts. Prices are for Central Appalachian 12,500 BTU, 1.2 SO₂ coal, fob. Prices for 1990-2000 are by coal price publication date, 2001-2013 by coal price assessment date.

Note: cif = cost+insurance+freight (average prices); fob = free on board.

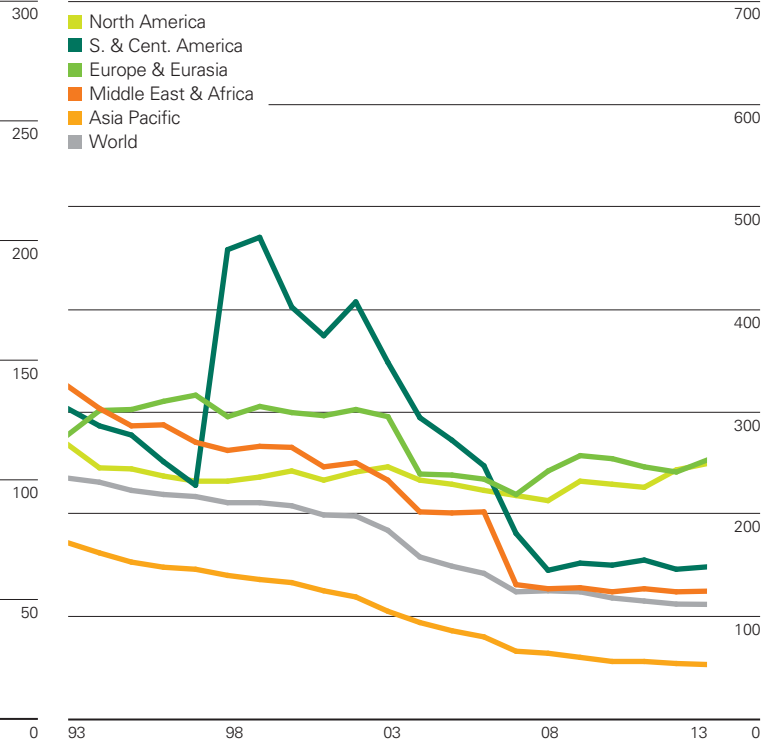
Reserves-to-production (R/P) ratios

Years

2013 by region



History

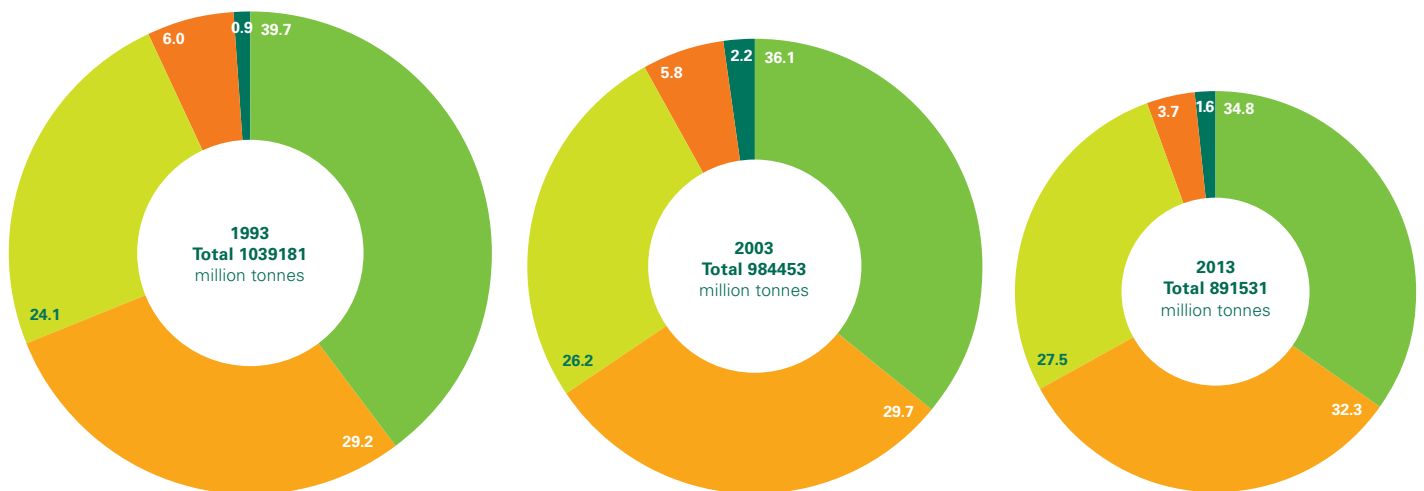


World proved coal reserves in 2013 were sufficient to meet 113 years of global production, by far the largest R/P ratio for any fossil fuel. The US, Russia and China hold the largest proved reserves. By region, Europe & Eurasia holds the largest proved reserves and has the highest R/P ratio – 254 years, compared with 250 for North America.

Distribution of proved reserves in 1993, 2003 and 2013

Percentage

- Europe & Eurasia
- Asia Pacific
- North America
- Middle East & Africa
- S. & Cent. America



Source: World Energy Resources 2013 Survey, World Energy Council.

Production*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------------|
| US | 553.6 | 572.4 | 580.2 | 595.1 | 587.7 | 596.7 | 540.8 | 551.2 | 556.1 | 517.8 | 500.5 | -3.1% | 12.9% |
| Canada | 31.8 | 33.9 | 35.3 | 34.8 | 35.7 | 35.6 | 33.1 | 35.4 | 35.5 | 35.5 | 36.8 | 3.9% | 0.9% |
| Mexico | 4.4 | 5.9 | 6.1 | 6.8 | 7.3 | 6.9 | 6.1 | 7.3 | 9.4 | 7.8 | 8.3 | 6.0% | 0.2% |
| Total North America | 589.8 | 612.2 | 621.6 | 636.7 | 630.7 | 639.2 | 580.0 | 594.0 | 600.9 | 561.2 | 545.6 | -2.5% | 14.1% |
| Brazil | 1.8 | 2.0 | 2.4 | 2.2 | 2.3 | 2.5 | 1.9 | 2.0 | 2.1 | 2.5 | 2.8 | 11.7% | 0.1% |
| Colombia | 32.5 | 34.9 | 38.4 | 42.6 | 45.4 | 47.8 | 47.3 | 48.3 | 55.8 | 57.9 | 55.6 | -3.7% | 1.4% |
| Venezuela | 5.1 | 5.9 | 5.3 | 5.7 | 4.5 | 3.6 | 2.4 | 2.0 | 1.5 | 2.3 | 1.7 | -25.2% | ♦ |
| Other S. & Cent. America | 0.5 | 0.2 | 0.3 | 0.6 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 0.6 | 1.9 | 233.0% | ♦ |
| Total S. & Cent. America | 39.9 | 43.0 | 46.3 | 51.2 | 52.5 | 54.3 | 52.2 | 52.7 | 59.8 | 63.2 | 62.0 | -1.7% | 1.6% |
| Bulgaria | 4.5 | 4.4 | 4.1 | 4.2 | 4.7 | 4.8 | 4.5 | 4.9 | 6.1 | 5.5 | 4.7 | -14.2% | 0.1% |
| Czech Republic | 24.2 | 23.5 | 23.5 | 23.8 | 23.6 | 22.8 | 21.0 | 20.8 | 21.6 | 20.7 | 18.0 | -13.2% | 0.5% |
| France | 1.3 | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 | † | 0.1 | 0.1 | † | † | 0.3% | ♦ |
| Germany | 54.1 | 54.7 | 53.2 | 50.3 | 51.5 | 47.7 | 44.4 | 43.7 | 44.6 | 45.7 | 43.0 | -5.5% | 1.1% |
| Greece | 8.8 | 9.0 | 8.9 | 8.3 | 8.5 | 8.5 | 8.4 | 7.3 | 7.6 | 8.1 | 6.9 | -14.4% | 0.2% |
| Hungary | 2.8 | 2.4 | 2.0 | 2.1 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 2.0 | 3.0% | 0.1% |
| Kazakhstan | 43.3 | 44.4 | 44.2 | 49.1 | 50.0 | 56.8 | 51.5 | 54.0 | 56.2 | 58.6 | 58.4 | -0.1% | 1.5% |
| Poland | 71.4 | 70.5 | 68.7 | 67.0 | 62.3 | 60.5 | 56.4 | 55.5 | 56.6 | 58.8 | 57.6 | -1.9% | 1.5% |
| Romania | 7.0 | 6.7 | 6.6 | 6.5 | 6.7 | 6.7 | 6.4 | 5.8 | 6.7 | 6.4 | 4.6 | -26.9% | 0.1% |
| Russian Federation | 127.1 | 131.7 | 139.2 | 145.1 | 148.0 | 153.4 | 142.1 | 151.1 | 158.5 | 168.7 | 165.1 | -1.9% | 4.3% |
| Spain | 6.8 | 6.7 | 6.4 | 6.1 | 5.7 | 4.1 | 3.8 | 3.4 | 2.5 | 2.4 | 1.6 | -32.5% | ♦ |
| Turkey | 10.4 | 10.1 | 12.6 | 13.7 | 16.0 | 16.8 | 17.1 | 15.8 | 16.3 | 15.3 | 13.2 | -13.5% | 0.3% |
| Ukraine | 41.6 | 42.2 | 41.0 | 41.7 | 39.9 | 41.3 | 38.4 | 39.9 | 44.0 | 45.9 | 45.9 | 0.3% | 1.2% |
| United Kingdom | 17.2 | 15.3 | 12.5 | 11.3 | 10.3 | 11.0 | 10.9 | 11.2 | 11.3 | 10.4 | 7.8 | -24.5% | 0.2% |
| Other Europe & Eurasia | 19.0 | 18.5 | 17.7 | 18.5 | 20.6 | 21.0 | 20.3 | 20.0 | 21.3 | 20.5 | 21.3 | 4.3% | 0.5% |
| Total Europe & Eurasia | 439.5 | 440.5 | 440.7 | 448.0 | 450.2 | 457.5 | 426.9 | 435.3 | 455.4 | 469.0 | 450.2 | -3.8% | 11.6% |
| Total Middle East | 0.7 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.6 | 0.6 | 0.7 | 0.7 | 0.3% | ♦ |
| South Africa | 134.1 | 137.2 | 137.7 | 138.0 | 139.6 | 142.4 | 141.2 | 145.0 | 141.8 | 145.6 | 144.7 | -0.3% | 3.7% |
| Zimbabwe | 1.8 | 2.4 | 2.2 | 1.4 | 1.3 | 1.0 | 1.1 | 1.7 | 1.7 | 1.0 | 1.0 | 0.3% | ♦ |
| Other Africa | 1.6 | 1.3 | 1.2 | 1.3 | 1.0 | 1.0 | 0.9 | 1.2 | 1.1 | 1.5 | 1.5 | 0.5% | ♦ |
| Total Africa | 137.5 | 140.9 | 141.1 | 140.6 | 141.9 | 144.4 | 143.2 | 147.9 | 144.6 | 148.1 | 147.2 | -0.3% | 3.8% |
| Australia | 189.4 | 196.8 | 205.7 | 210.8 | 217.5 | 224.9 | 232.9 | 239.9 | 232.5 | 251.4 | 269.1 | 7.3% | 6.9% |
| China | 917.4 | 1061.3 | 1174.8 | 1264.3 | 1345.8 | 1401.0 | 1486.5 | 1617.5 | 1758.0 | 1822.5 | 1840.0 | 1.2% | 47.4% |
| India | 144.4 | 155.7 | 162.1 | 170.2 | 181.0 | 195.6 | 210.8 | 217.5 | 215.7 | 229.1 | 228.8 | 0.1% | 5.9% |
| Indonesia | 70.3 | 81.4 | 93.9 | 119.2 | 133.4 | 147.8 | 157.6 | 169.2 | 217.3 | 237.4 | 258.9 | 9.4% | 6.7% |
| Japan | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 | 0.7 | 0.7 | 0.5 | 0.7 | 0.7 | 0.7 | -8.6% | ♦ |
| New Zealand | 3.2 | 3.3 | 3.3 | 3.6 | 3.0 | 3.0 | 2.8 | 3.3 | 3.1 | 3.0 | 2.8 | -6.6% | 0.1% |
| Pakistan | 1.5 | 1.5 | 1.6 | 1.7 | 1.6 | 1.8 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.9% | ♦ |
| South Korea | 1.5 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | -13.1% | ♦ |
| Thailand | 5.3 | 5.6 | 5.8 | 5.3 | 5.1 | 5.1 | 4.9 | 5.1 | 6.0 | 5.1 | 5.0 | -0.2% | 0.1% |
| Vietnam | 10.8 | 14.7 | 18.3 | 21.8 | 22.4 | 23.0 | 25.2 | 24.6 | 24.9 | 23.5 | 23.1 | -1.4% | 0.6% |
| Other Asia Pacific | 20.3 | 22.1 | 24.9 | 25.3 | 24.0 | 25.8 | 28.8 | 36.9 | 45.8 | 44.9 | 45.0 | 0.7% | 1.2% |
| Total Asia Pacific | 1364.9 | 1544.5 | 1692.2 | 1824.2 | 1936.0 | 2029.8 | 2153.0 | 2317.2 | 2506.4 | 2620.0 | 2675.7 | 2.4% | 68.9% |
| Total World | 2572.3 | 2781.9 | 2942.9 | 3101.7 | 3212.3 | 3326.2 | 3356.0 | 3547.8 | 3767.8 | 3862.2 | 3881.4 | 0.8% | 100.0% |
| of which: OECD | 989.6 | 1013.9 | 1026.6 | 1042.4 | 1041.5 | 1050.0 | 988.4 | 1005.1 | 1007.5 | 987.3 | 977.8 | -0.7% | 25.2% |
| Non-OECD | 1582.7 | 1767.9 | 1916.3 | 2059.3 | 2170.8 | 2276.2 | 2367.6 | 2542.7 | 2760.3 | 2874.9 | 2903.7 | 1.3% | 74.8% |
| European Union | 203.6 | 198.5 | 190.9 | 184.4 | 180.8 | 173.1 | 162.5 | 159.9 | 164.6 | 165.4 | 151.9 | -7.9% | 3.9% |
| Former Soviet Union | 215.8 | 222.2 | 228.5 | 239.9 | 242.5 | 256.2 | 236.5 | 250.0 | 264.1 | 278.7 | 275.3 | -0.9% | 7.1% |

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal. Includes coal produced for Coal-to-Liquids and Coal-to-Gas transformations.

†Less than 0.05.

♦Less than 0.05%.

Notes: Coal production data expressed in million tonnes is available at bp.com/statisticalreview

Growth rates are adjusted for leap years.

Consumption*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|---------------------------|
| US | 562.5 | 566.1 | 574.2 | 565.7 | 573.3 | 564.2 | 496.2 | 525.0 | 495.4 | 436.7 | 455.7 | 4.6% | 11.9% |
| Canada | 31.7 | 29.8 | 30.9 | 29.9 | 31.3 | 29.6 | 24.4 | 25.0 | 21.8 | 20.5 | 20.3 | -0.9% | 0.5% |
| Mexico | 8.1 | 9.2 | 11.0 | 11.7 | 12.2 | 10.1 | 8.7 | 12.1 | 14.3 | 13.3 | 12.4 | -6.1% | 0.3% |
| Total North America | 602.3 | 605.1 | 616.0 | 607.3 | 616.7 | 603.8 | 529.3 | 562.1 | 531.4 | 470.5 | 488.4 | 4.1% | 12.8% |
| Argentina | 0.7 | 0.8 | 0.9 | 0.3 | 0.4 | 1.1 | 1.2 | 1.0 | 0.9 | 0.7 | 0.7 | 0.6% | ♦ |
| Brazil | 11.1 | 12.0 | 11.9 | 11.8 | 12.6 | 12.7 | 10.8 | 13.3 | 13.9 | 14.0 | 13.7 | -1.8% | 0.4% |
| Chile | 2.3 | 2.6 | 2.6 | 3.2 | 3.8 | 4.1 | 3.7 | 4.2 | 5.3 | 6.2 | 7.4 | 19.6% | 0.2% |
| Colombia | 2.4 | 2.0 | 2.7 | 2.4 | 2.4 | 2.8 | 3.5 | 4.0 | 4.2 | 3.7 | 4.3 | 16.6% | 0.1% |
| Ecuador | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Peru | 0.7 | 0.7 | 0.8 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 5.3% | ♦ |
| Trinidad & Tobago | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Venezuela | † | - | † | † | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 1.0% | ♦ |
| Other S. & Cent. America | 2.0 | 1.8 | 1.6 | 1.8 | 1.9 | 2.0 | 1.9 | 2.0 | 2.0 | 2.0 | 2.1 | 1.9% | 0.1% |
| Total S. & Cent. America | 19.2 | 20.0 | 20.5 | 20.2 | 22.0 | 23.5 | 22.0 | 25.4 | 27.4 | 27.6 | 29.2 | 6.0% | 0.8% |
| Austria | 4.0 | 4.0 | 4.0 | 4.1 | 3.9 | 3.7 | 2.8 | 3.4 | 3.5 | 3.2 | 3.6 | 11.0% | 0.1% |
| Azerbaijan | † | † | † | † | † | † | † | † | † | † | † | 0.3% | ♦ |
| Belarus | 0.1 | 0.1 | 0.1 | 0.1 | † | † | † | † | 0.1 | 0.1 | 0.1 | 0.9% | ♦ |
| Belgium | 5.9 | 5.8 | 5.1 | 4.9 | 4.3 | 4.4 | 3.0 | 3.7 | 3.4 | 3.0 | 2.9 | -0.9% | 0.1% |
| Bulgaria | 7.3 | 7.2 | 6.9 | 7.0 | 7.9 | 7.6 | 6.4 | 6.9 | 8.1 | 6.9 | 5.9 | -14.6% | 0.2% |
| Czech Republic | 20.8 | 21.0 | 20.2 | 21.0 | 21.4 | 19.7 | 17.6 | 18.5 | 18.4 | 17.3 | 16.5 | -4.3% | 0.4% |
| Denmark | 5.7 | 4.6 | 3.7 | 5.6 | 4.7 | 4.1 | 4.0 | 3.8 | 3.2 | 2.5 | 3.2 | 28.8% | 0.1% |
| Finland | 5.9 | 5.4 | 3.3 | 5.1 | 4.8 | 3.4 | 3.5 | 4.6 | 3.7 | 3.0 | 3.7 | 23.5% | 0.1% |
| France | 14.4 | 13.9 | 14.3 | 13.2 | 13.6 | 12.9 | 11.2 | 12.1 | 10.2 | 11.5 | 12.2 | 7.0% | 0.3% |
| Germany | 87.2 | 85.4 | 82.1 | 83.5 | 85.7 | 80.1 | 71.7 | 76.6 | 76.0 | 80.1 | 81.3 | 1.8% | 2.1% |
| Greece | 8.9 | 9.1 | 8.9 | 8.4 | 8.8 | 8.3 | 8.4 | 7.9 | 7.9 | 8.1 | 7.1 | -12.3% | 0.2% |
| Hungary | 3.7 | 3.4 | 3.0 | 3.1 | 3.1 | 3.1 | 2.6 | 2.7 | 2.8 | 2.7 | 2.7 | -1.1% | 0.1% |
| Republic of Ireland | 1.7 | 1.8 | 1.9 | 1.6 | 1.6 | 1.4 | 1.2 | 1.2 | 1.3 | 1.5 | 1.3 | -10.5% | ♦ |
| Italy | 14.9 | 16.6 | 16.5 | 16.7 | 16.8 | 16.3 | 12.8 | 14.2 | 15.9 | 16.3 | 14.6 | -10.3% | 0.4% |
| Kazakhstan | 25.2 | 26.5 | 27.2 | 29.8 | 31.7 | 33.4 | 32.6 | 31.6 | 34.0 | 36.6 | 36.1 | -1.0% | 0.9% |
| Lithuania | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 2.4% | ♦ |
| Netherlands | 8.7 | 8.6 | 8.2 | 7.9 | 8.5 | 8.1 | 7.5 | 7.6 | 7.5 | 8.2 | 8.3 | 1.9% | 0.2% |
| Norway | 0.7 | 0.8 | 0.7 | 0.6 | 0.7 | 0.7 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | ♦ | ♦ |
| Poland | 57.7 | 57.3 | 55.7 | 58.0 | 57.9 | 56.0 | 51.9 | 56.4 | 56.1 | 54.3 | 56.1 | 3.6% | 1.5% |
| Portugal | 3.8 | 3.7 | 3.8 | 3.8 | 3.3 | 2.5 | 2.9 | 1.7 | 2.2 | 2.9 | 2.7 | -8.4% | 0.1% |
| Romania | 7.8 | 7.4 | 7.6 | 8.5 | 7.4 | 7.4 | 6.6 | 6.1 | 7.3 | 6.9 | 5.6 | -18.8% | 0.1% |
| Russian Federation | 104.0 | 99.5 | 94.2 | 96.7 | 93.4 | 100.4 | 91.9 | 90.2 | 93.7 | 98.1 | 93.5 | -4.4% | 2.4% |
| Slovakia | 4.2 | 4.1 | 3.9 | 3.8 | 3.8 | 3.7 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | -2.1% | 0.1% |
| Spain | 20.1 | 20.9 | 20.6 | 18.4 | 19.7 | 14.0 | 10.6 | 7.9 | 12.3 | 15.1 | 10.3 | -31.5% | 0.3% |
| Sweden | 2.2 | 2.3 | 2.2 | 2.3 | 2.2 | 2.0 | 1.6 | 2.3 | 2.0 | 1.5 | 1.7 | 13.2% | ♦ |
| Switzerland | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 3.0% | ♦ |
| Turkey | 20.7 | 21.8 | 21.8 | 25.9 | 28.9 | 29.2 | 30.4 | 30.9 | 33.1 | 35.7 | 33.0 | -7.5% | 0.9% |
| Turkmenistan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ukraine | 40.3 | 39.1 | 37.4 | 39.7 | 39.7 | 41.8 | 35.9 | 38.3 | 41.5 | 42.7 | 42.6 | ♦ | 1.1% |
| United Kingdom | 38.1 | 36.6 | 37.4 | 40.9 | 38.4 | 35.6 | 29.9 | 31.0 | 31.5 | 39.1 | 36.5 | -6.2% | 1.0% |
| Uzbekistan | 0.7 | 1.2 | 1.2 | 1.7 | 1.4 | 1.4 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 0.3% | ♦ |
| Other Europe & Eurasia | 23.1 | 23.8 | 22.2 | 19.2 | 20.6 | 21.0 | 19.7 | 21.1 | 23.2 | 21.6 | 21.8 | 1.6% | 0.6% |
| Total Europe & Eurasia | 538.1 | 532.2 | 514.6 | 532.0 | 534.6 | 522.6 | 472.2 | 485.9 | 504.1 | 524.3 | 508.7 | -2.7% | 13.3% |
| Iran | 1.1 | 1.2 | 1.3 | 1.2 | 1.3 | 0.9 | 1.0 | 0.9 | 0.8 | 0.7 | 0.7 | -1.7% | ♦ |
| Israel | 7.9 | 8.0 | 7.9 | 7.8 | 8.0 | 7.9 | 7.7 | 7.7 | 7.9 | 8.8 | 7.3 | -16.1% | 0.2% |
| Kuwait | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Qatar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Arab Emirates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Middle East | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | -3.4% | ♦ |
| Total Middle East | 9.1 | 9.2 | 9.3 | 9.2 | 9.5 | 9.0 | 8.9 | 8.8 | 8.9 | 9.7 | 8.2 | -14.8% | 0.2% |
| Algeria | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.2 | - | - | - | - | - | - |
| Egypt | 1.2 | 1.2 | 1.2 | 1.3 | 1.4 | 1.3 | 1.2 | 1.5 | 1.4 | 1.4 | 1.5 | 2.1% | ♦ |
| South Africa | 81.4 | 85.2 | 84.4 | 85.4 | 90.1 | 96.9 | 92.9 | 91.5 | 88.4 | 88.5 | 88.2 | ♦ | 2.3% |
| Other Africa | 6.4 | 7.1 | 7.3 | 6.8 | 6.2 | 6.2 | 5.3 | 6.4 | 6.5 | 6.0 | 5.9 | -0.6% | 0.2% |
| Total Africa | 89.5 | 94.2 | 93.5 | 94.1 | 98.2 | 105.0 | 99.6 | 99.4 | 96.3 | 95.9 | 95.6 | ♦ | 2.5% |
| Australia | 49.4 | 50.8 | 53.5 | 56.0 | 54.6 | 55.4 | 53.5 | 50.7 | 50.3 | 47.3 | 45.0 | -4.7% | 1.2% |
| Bangladesh | 0.4 | 0.4 | 0.4 | 0.6 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 5.8% | ♦ |
| China | 868.2 | 1019.9 | 1128.3 | 1250.4 | 1320.3 | 1369.2 | 1470.7 | 1609.7 | 1760.8 | 1856.4 | 1925.3 | 4.0% | 50.3% |
| China Hong Kong SAR | 6.8 | 6.3 | 6.9 | 6.9 | 7.5 | 6.9 | 7.2 | 6.2 | 7.4 | 7.3 | 7.8 | 6.9% | 0.2% |
| India | 156.8 | 172.3 | 184.4 | 195.4 | 210.3 | 230.4 | 250.3 | 260.2 | 270.1 | 302.3 | 324.3 | 7.6% | 8.5% |
| Indonesia | 24.2 | 22.2 | 25.4 | 30.1 | 37.8 | 30.1 | 34.6 | 41.2 | 48.9 | 50.4 | 54.4 | 8.2% | 1.4% |
| Japan | 112.2 | 120.8 | 121.3 | 119.1 | 125.3 | 128.7 | 108.8 | 123.7 | 117.7 | 124.4 | 128.6 | 3.6% | 3.4% |
| Malaysia | 5.3 | 6.6 | 6.9 | 7.3 | 8.8 | 9.8 | 10.6 | 14.8 | 14.8 | 15.9 | 17.0 | 7.1% | 0.4% |
| New Zealand | 2.0 | 2.1 | 2.3 | 2.2 | 1.7 | 2.1 | 1.6 | 1.4 | 1.4 | 1.7 | 1.5 | -13.0% | ♦ |
| Pakistan | 2.9 | 3.8 | 4.1 | 4.2 | 5.1 | 5.3 | 4.7 | 4.5 | 4.3 | 4.3 | 4.4 | 3.4% | 0.1% |
| Philippines | 4.7 | 5.0 | 5.7 | 5.5 | 5.9 | 7.0 | 6.7 | 7.7 | 8.3 | 9.4 | 10.5 | 12.4% | 0.3% |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - | - |
| South Korea | 51.1 | 53.1 | 54.8 | 54.8 | 59.7 | 66.1 | 68.6 | 75.9 | 83.6 | 81.0 | 81.9 | 1.4% | 2.1% |
| Taiwan | 35.1 | 36.6 | 38.1 | 39.6 | 41.8 | 40.2 | 38.7 | 40.3 | 41.5 | 41.1 | 41.0 | ♦ | 1.1% |
| Thailand | 9.4 | 10.4 | 11.2 | 12.4 | 14.2 | 15.3 | 15.4 | 15.8 | 16.0 | 16.8 | 16.0 | -4.7% | 0.4% |
| Vietnam | 5.5 | 8.2 | 8.0 | 9.5 | 10.1 | 10.0 | 14.0 | 13.9 | 15.0 | 14.9 | 15.9 | 6.7% | 0.4% |
| Other Asia Pacific | 19.5 | 19.6 | 21.0 | 22.6 | 19.3 | 21.2 | 20.7 | 20.7 | 21.1 | 21.6 | 22.1 | 2.7% | 0.6% |
| Total Asia Pacific | 1353.5 | 1537.8 | 1672.4 | 1816.8 | 1923.1 | 1998.4 | 2106.9 | 2287.6 | 2462.1 | 2595.7 | 2696.5 | 4.2% | 70.5% |
| Total World | 2611.8 | 2798.5 | 2926.3 | 3079.5 | 3204.2 | 3262.3 | 3239.0 | 3469.1 | 3630.3 | 3723.7 | 3826.7 | 3.0% | 100.0% |
| of which: OECD | 1161.5 | 1174.6 | 1180.8 | 1184.3 | 1207.7 | 1182.5 | 1055.6 | 1121.7 | 1098.4 | 1055.2 | 1066.9 | 1.4% | 27.9% |
| Non-OECD | 1450.3 | 1624.0 | 1745.5 | 1895.2 | 1996.5 | 2079.8 | 2183.4 | 2347.5 | 2531.9 | 2668.5 | 2759.8 | 3.7% | 72.1% |
| European Union | 328.7 | 324.8 | 315.1 | 323.5 | 324.3 | 300.3 | 264.9 | 278.2 | 283.1 | 293.4 | 285.4 | -2.5% | 7.5% |
| Former Soviet Union | 174.5 | 170.8 | 164.2 | 171.9 | 170.9 | 181.6 | 165.6 | 166.3 | 175.7 | 183.8 | 178.8 | -2.5% | 4.7% |

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal. Excludes coal converted to liquid or gaseous fuels, but includes coal consumed in transformation processes.

†Less than 0.05.

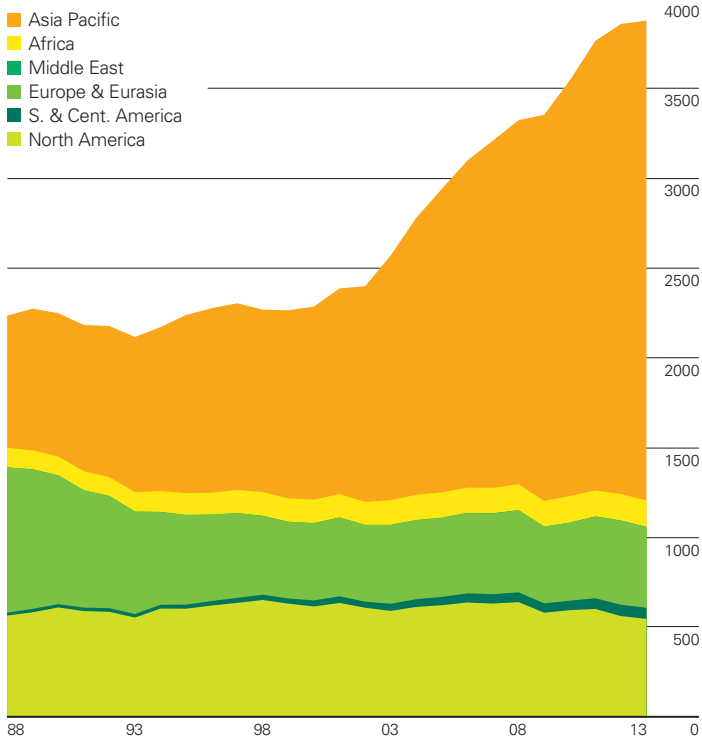
♦Less than 0.05%.

Notes: Differences between these 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.

Growth rates are adjusted for leap years.

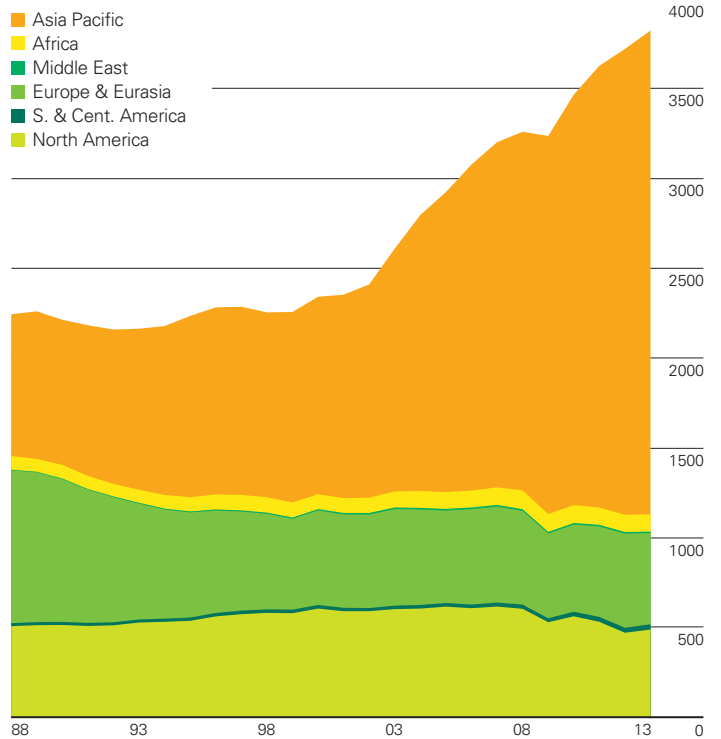
Production by region

Million tonnes oil equivalent



Consumption by region

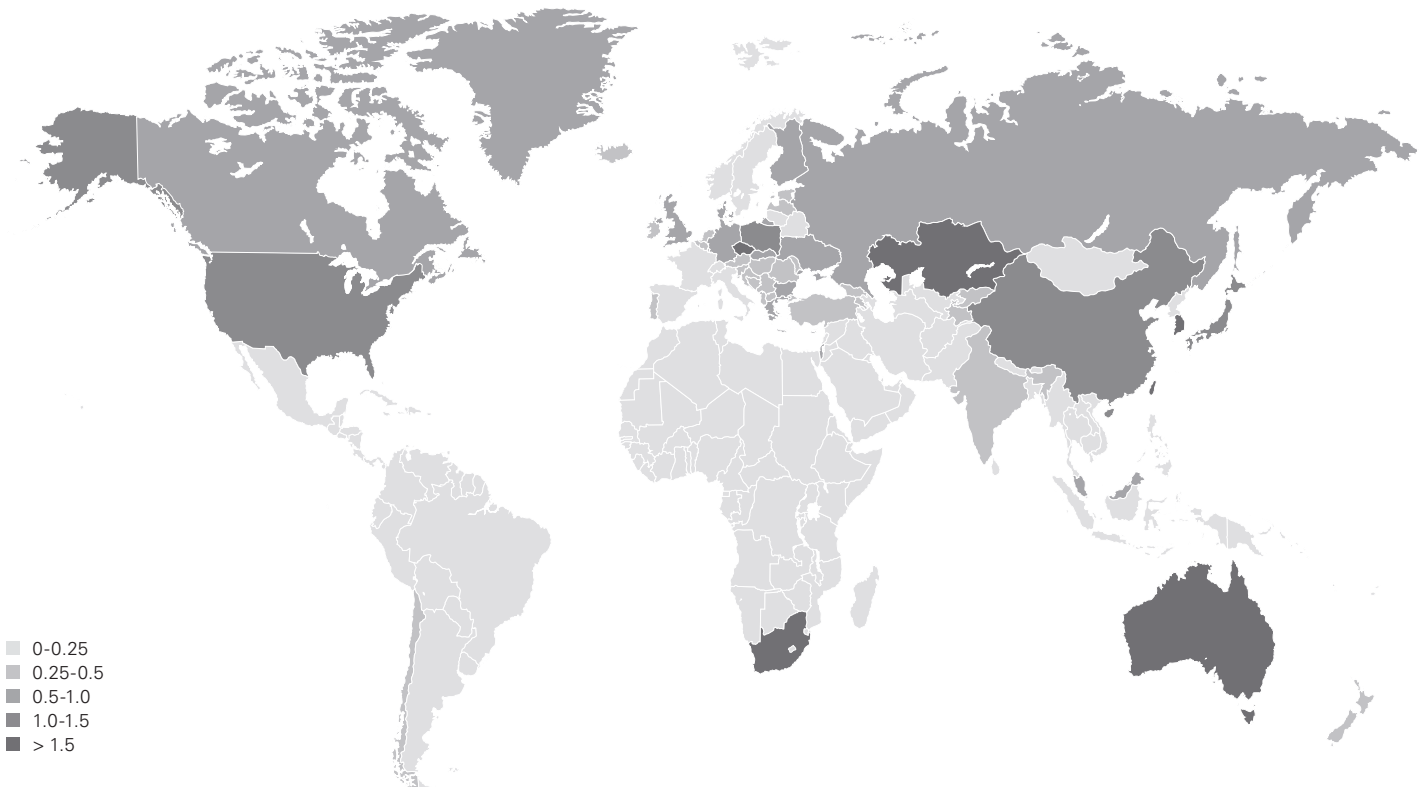
Million tonnes oil equivalent



World coal production increased by 0.8% in 2013, well below the 3% increase in global consumption. Indonesia (+9.4%) recorded the largest production increment – the first time since 1998 that China did not have the largest growth increment. Global consumption growth was below average but was once again the fastest among fossil fuels. China and India accounted for 88% of global growth.

Consumption per capita 2013

Tonnes oil equivalent



Consumption*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 181.9 | 187.8 | 186.3 | 187.5 | 192.1 | 192.0 | 190.3 | 192.2 | 188.2 | 183.2 | 187.9 | 2.8% | 33.4% |
| Canada | 16.8 | 20.3 | 20.7 | 22.0 | 21.0 | 21.1 | 20.3 | 20.3 | 21.4 | 21.7 | 23.1 | 6.9% | 4.1% |
| Mexico | 2.4 | 2.1 | 2.4 | 2.5 | 2.4 | 2.2 | 2.4 | 1.3 | 2.3 | 2.0 | 2.7 | 34.9% | 0.5% |
| Total North America | 201.1 | 210.2 | 209.4 | 212.0 | 215.4 | 215.4 | 213.0 | 213.8 | 211.9 | 206.9 | 213.7 | 3.6% | 37.9% |
| Argentina | 1.7 | 1.8 | 1.6 | 1.7 | 1.6 | 1.6 | 1.8 | 1.6 | 1.3 | 1.4 | 1.4 | -2.7% | 0.2% |
| Brazil | 3.0 | 2.6 | 2.2 | 3.1 | 2.8 | 3.2 | 2.9 | 3.3 | 3.5 | 3.6 | 3.3 | -8.4% | 0.6% |
| Chile | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Colombia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ecuador | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Peru | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Trinidad & Tobago | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Venezuela | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other S. & Cent. America | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total S. & Cent. America | 4.7 | 4.4 | 3.8 | 4.8 | 4.4 | 4.8 | 4.7 | 4.9 | 4.9 | 5.0 | 4.7 | -6.8% | 0.8% |
| Austria | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Azerbaijan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Belarus | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Belgium | 10.7 | 10.7 | 10.8 | 10.6 | 10.9 | 10.3 | 10.7 | 10.8 | 10.9 | 9.1 | 9.6 | 6.1% | 1.7% |
| Bulgaria | 4.5 | 4.4 | 4.2 | 4.4 | 3.3 | 3.6 | 3.5 | 3.5 | 3.7 | 3.6 | 3.2 | -10.0% | 0.6% |
| Czech Republic | 5.9 | 6.0 | 5.6 | 5.9 | 5.9 | 6.0 | 6.2 | 6.3 | 6.4 | 6.9 | 7.0 | 1.7% | 1.2% |
| Denmark | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Finland | 5.2 | 5.2 | 5.3 | 5.2 | 5.4 | 5.3 | 5.4 | 5.2 | 5.3 | 5.3 | 5.4 | 3.2% | 1.0% |
| France | 99.8 | 101.7 | 102.4 | 102.1 | 99.7 | 99.6 | 92.8 | 96.9 | 100.0 | 96.3 | 95.9 | -0.1% | 17.0% |
| Germany | 37.4 | 37.8 | 36.9 | 37.9 | 31.8 | 33.7 | 30.5 | 31.8 | 24.4 | 22.5 | 22.0 | -1.9% | 3.9% |
| Greece | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hungary | 2.5 | 2.7 | 3.1 | 3.0 | 3.3 | 3.4 | 3.5 | 3.6 | 3.5 | 3.6 | 3.5 | -2.4% | 0.6% |
| Republic of Ireland | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Italy | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Kazakhstan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lithuania | 3.5 | 3.4 | 2.3 | 2.0 | 2.2 | 2.2 | 2.5 | - | - | - | - | - | - |
| Netherlands | 0.9 | 0.9 | 0.9 | 0.8 | 1.0 | 0.9 | 1.0 | 0.9 | 0.9 | 0.9 | 0.6 | -30.6% | 0.1% |
| Norway | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Poland | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Portugal | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Romania | 1.1 | 1.3 | 1.3 | 1.3 | 1.7 | 2.5 | 2.7 | 2.6 | 2.7 | 2.6 | 2.6 | 1.6% | 0.5% |
| Russian Federation | 33.6 | 32.7 | 33.4 | 35.4 | 36.2 | 36.9 | 37.0 | 38.6 | 39.1 | 40.2 | 39.1 | -2.3% | 6.9% |
| Slovakia | 4.0 | 3.9 | 4.0 | 4.1 | 3.5 | 3.8 | 3.2 | 3.3 | 3.5 | 3.5 | 3.6 | 1.7% | 0.6% |
| Spain | 14.0 | 14.4 | 13.0 | 13.6 | 12.5 | 13.3 | 11.9 | 14.0 | 13.1 | 13.9 | 12.8 | -7.5% | 2.3% |
| Sweden | 15.3 | 17.3 | 16.4 | 15.2 | 15.2 | 14.5 | 11.9 | 13.2 | 13.8 | 14.6 | 15.1 | 3.9% | 2.7% |
| Switzerland | 6.2 | 6.1 | 5.2 | 6.3 | 6.3 | 6.2 | 6.2 | 6.0 | 6.1 | 5.8 | 5.9 | 2.4% | 1.1% |
| Turkey | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Turkmenistan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ukraine | 18.4 | 19.7 | 20.1 | 20.4 | 20.9 | 20.3 | 18.8 | 20.2 | 20.4 | 20.4 | 18.8 | -7.4% | 3.3% |
| United Kingdom | 20.1 | 18.1 | 18.5 | 17.1 | 14.3 | 11.9 | 15.6 | 14.1 | 15.6 | 15.9 | 16.0 | 0.6% | 2.8% |
| Uzbekistan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Europe & Eurasia | 1.6 | 1.8 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.8 | 2.0 | 1.8 | 1.7 | -2.0% | 0.3% |
| Total Europe & Eurasia | 284.8 | 287.9 | 285.4 | 287.0 | 275.9 | 276.5 | 265.1 | 272.9 | 271.5 | 266.7 | 263.0 | -1.1% | 46.7% |
| Iran | - | - | - | - | - | - | - | - | † | 0.3 | 0.9 | 193.9% | 0.2% |
| Israel | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Kuwait | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Qatar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Arab Emirates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Middle East | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Middle East | - | - | - | - | - | - | - | - | † | 0.3 | 0.9 | 193.9% | 0.2% |
| Algeria | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Egypt | - | - | - | - | - | - | - | - | - | - | - | - | - |
| South Africa | 3.0 | 3.2 | 2.7 | 2.4 | 2.7 | 3.1 | 3.1 | 2.9 | 3.2 | 2.8 | 3.1 | 10.4% | 0.6% |
| Other Africa | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Africa | 3.0 | 3.2 | 2.7 | 2.4 | 2.7 | 3.1 | 3.1 | 2.9 | 3.2 | 2.8 | 3.1 | 10.4% | 0.6% |
| Australia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bangladesh | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China | 9.8 | 11.4 | 12.0 | 12.4 | 14.1 | 15.5 | 15.9 | 16.7 | 19.5 | 22.0 | 25.0 | 13.9% | 4.4% |
| China Hong Kong SAR | - | - | - | - | - | - | - | - | - | - | - | - | - |
| India | 4.1 | 3.8 | 4.0 | 4.0 | 4.0 | 3.4 | 3.8 | 5.2 | 7.3 | 7.5 | 7.5 | 0.8% | 1.3% |
| Indonesia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Japan | 52.1 | 64.7 | 66.3 | 69.0 | 63.1 | 57.0 | 65.0 | 66.2 | 36.9 | 4.1 | 3.3 | -18.6% | 0.6% |
| Malaysia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Zealand | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pakistan | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.4 | 0.6 | 0.6 | 0.9 | 1.3 | 1.1 | -16.2% | 0.2% |
| Philippines | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - | - |
| South Korea | 29.3 | 29.6 | 33.2 | 33.7 | 32.3 | 34.2 | 33.4 | 33.6 | 35.0 | 34.0 | 31.4 | -7.4% | 5.6% |
| Taiwan | 8.8 | 8.9 | 9.0 | 9.0 | 9.2 | 9.2 | 9.4 | 9.4 | 9.5 | 9.1 | 9.4 | 3.3% | 1.7% |
| Thailand | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vietnam | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Asia Pacific | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Asia Pacific | 104.6 | 119.0 | 125.2 | 128.7 | 123.3 | 119.7 | 128.2 | 131.7 | 109.1 | 78.1 | 77.8 | -0.1% | 13.8% |
| Total World | 598.3 | 624.7 | 626.4 | 634.9 | 621.7 | 619.4 | 614.0 | 626.2 | 600.7 | 559.9 | 563.2 | 0.9% | 100.0% |
| of which: OECD | 505.7 | 530.4 | 532.4 | 537.6 | 521.8 | 516.8 | 511.6 | 521.1 | 488.9 | 444.5 | 447.0 | 0.9% | 79.4% |
| Non-OECD | 92.6 | 94.3 | 94.0 | 97.3 | 99.9 | 102.6 | 102.4 | 105.1 | 111.8 | 115.4 | 116.1 | 0.9% | 20.6% |
| European Union | 226.0 | 228.9 | 226.0 | 224.3 | 211.9 | 212.5 | 202.5 | 207.6 | 205.3 | 199.9 | 198.5 | -0.4% | 35.3% |
| Former Soviet Union | 56.0 | 56.4 | 56.4 | 58.4 | 60.0 | 60.0 | 58.8 | 59.3 | 60.1 | 61.1 | 58.5 | -4.0% | 10.4% |

*Based on gross generation and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.
†Less than 0.05.

Notes: Nuclear energy data expressed in terawatt-hours is available at bp.com/statisticalreview
Growth rates are adjusted for leap years.

Consumption*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 63.0 | 61.3 | 61.8 | 66.1 | 56.6 | 58.2 | 62.5 | 59.5 | 73.0 | 63.1 | 61.5 | -2.3% | 7.2% |
| Canada | 76.1 | 76.6 | 82.1 | 80.2 | 83.6 | 85.2 | 82.9 | 79.4 | 85.2 | 86.0 | 88.6 | 3.3% | 10.4% |
| Mexico | 4.5 | 5.7 | 6.2 | 6.9 | 6.1 | 8.8 | 6.0 | 8.3 | 8.1 | 7.1 | 6.2 | -11.9% | 0.7% |
| Total North America | 143.6 | 143.6 | 150.1 | 153.2 | 146.3 | 152.2 | 151.4 | 147.2 | 166.3 | 156.2 | 156.3 | 0.3% | 18.3% |
| Argentina | 8.8 | 8.0 | 9.0 | 9.8 | 8.5 | 8.4 | 9.2 | 9.2 | 9.0 | 8.4 | 9.2 | 10.3% | 1.1% |
| Brazil | 69.2 | 72.6 | 76.4 | 78.9 | 84.6 | 83.6 | 88.5 | 91.2 | 96.9 | 94.0 | 87.2 | -7.0% | 10.2% |
| Chile | 5.6 | 4.9 | 6.0 | 7.0 | 5.2 | 5.7 | 5.9 | 5.0 | 4.7 | 4.6 | 4.4 | -2.8% | 0.5% |
| Colombia | 8.2 | 8.7 | 8.9 | 9.2 | 9.5 | 9.9 | 9.3 | 9.1 | 10.9 | 10.8 | 10.0 | -6.6% | 1.2% |
| Ecuador | 1.6 | 1.6 | 1.5 | 1.6 | 2.0 | 2.5 | 2.1 | 2.0 | 2.5 | 2.8 | 2.5 | -9.5% | 0.3% |
| Peru | 4.2 | 4.0 | 4.1 | 4.4 | 4.4 | 4.3 | 4.5 | 4.5 | 4.9 | 5.0 | 4.8 | -4.0% | 0.6% |
| Trinidad & Tobago | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Venezuela | 13.7 | 15.9 | 17.4 | 18.4 | 18.8 | 19.6 | 19.4 | 17.3 | 18.8 | 18.5 | 19.0 | 2.8% | 2.2% |
| Other S. & Cent. America | 18.1 | 17.7 | 18.3 | 18.4 | 19.4 | 19.4 | 19.2 | 20.3 | 20.3 | 20.4 | 20.9 | 3.2% | 2.4% |
| Total S. & Cent. America | 129.4 | 133.4 | 141.6 | 147.8 | 152.4 | 153.5 | 158.1 | 158.7 | 168.1 | 164.3 | 158.1 | -3.5% | 18.5% |
| Austria | 7.5 | 8.3 | 8.3 | 8.1 | 8.4 | 8.7 | 9.2 | 8.7 | 7.7 | 9.9 | 8.4 | -14.9% | 1.0% |
| Azerbaijan | 0.6 | 0.6 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.8 | 0.6 | 0.4 | 0.3 | -18.0% | ♦ |
| Belarus | † | † | † | † | † | † | † | † | † | † | † | -15.8% | ♦ |
| Belgium | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | † | 0.1 | 0.1 | 2.0% | ♦ |
| Bulgaria | 0.7 | 0.7 | 1.0 | 0.9 | 0.7 | 0.7 | 0.8 | 1.1 | 0.7 | 0.7 | 0.9 | 26.6% | 0.1% |
| Czech Republic | 0.4 | 0.6 | 0.7 | 0.7 | 0.6 | 0.5 | 0.7 | 0.8 | 0.6 | 0.7 | 0.9 | 27.2% | 0.1% |
| Denmark | † | † | † | † | † | † | † | † | † | † | † | -22.9% | ♦ |
| Finland | 2.1 | 3.4 | 3.1 | 2.6 | 3.2 | 3.9 | 2.9 | 2.9 | 2.8 | 3.8 | 2.9 | -23.5% | 0.3% |
| France | 13.5 | 13.5 | 11.8 | 12.7 | 13.2 | 13.6 | 13.0 | 14.3 | 10.3 | 13.1 | 15.5 | 18.6% | 1.8% |
| Germany | 4.0 | 4.5 | 4.4 | 4.5 | 4.8 | 4.6 | 4.3 | 4.8 | 4.0 | 4.9 | 4.6 | -5.7% | 0.5% |
| Greece | 1.2 | 1.2 | 1.3 | 1.5 | 0.8 | 0.9 | 1.3 | 1.7 | 1.0 | 1.0 | 1.5 | 40.5% | 0.2% |
| Hungary | † | † | † | † | † | † | 0.1 | † | 0.1 | † | † | 0.3% | ♦ |
| Republic of Ireland | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | -27.3% | ♦ |
| Italy | 8.3 | 9.6 | 8.2 | 8.4 | 7.4 | 9.4 | 11.1 | 11.6 | 10.4 | 9.5 | 11.6 | 23.3% | 1.4% |
| Kazakhstan | 2.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8% | 0.2% |
| Lithuania | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 22.6% | ♦ |
| Netherlands | † | † | † | † | † | † | † | † | † | † | † | 8.8% | ♦ |
| Norway | 24.0 | 24.7 | 30.9 | 27.1 | 30.6 | 31.8 | 28.8 | 26.7 | 27.6 | 32.3 | 29.2 | -9.5% | 3.4% |
| Poland | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.5 | 0.5 | 0.6 | 20.1% | 0.1% |
| Portugal | 3.6 | 2.2 | 1.0 | 2.5 | 2.3 | 1.5 | 1.8 | 3.6 | 2.5 | 1.2 | 3.1 | 150.3% | 0.4% |
| Romania | 3.0 | 3.7 | 4.6 | 4.2 | 3.6 | 3.9 | 3.6 | 4.6 | 3.4 | 2.8 | 3.4 | 24.2% | 0.4% |
| Russian Federation | 35.7 | 40.2 | 39.5 | 39.6 | 40.5 | 37.7 | 39.9 | 38.1 | 37.3 | 37.3 | 41.0 | 10.2% | 4.8% |
| Slovakia | 0.8 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 0.9 | 1.0 | 1.2 | 15.8% | 0.1% |
| Spain | 9.3 | 7.2 | 4.0 | 5.8 | 6.2 | 5.3 | 6.0 | 9.6 | 6.9 | 4.6 | 8.3 | 79.5% | 1.0% |
| Sweden | 12.1 | 13.7 | 16.5 | 14.0 | 15.0 | 15.7 | 14.9 | 15.1 | 15.1 | 17.8 | 13.9 | -21.8% | 1.6% |
| Switzerland | 7.9 | 7.6 | 7.1 | 7.0 | 8.0 | 8.2 | 8.1 | 8.2 | 7.2 | 8.6 | 8.6 | 0.1% | 1.0% |
| Turkey | 8.0 | 10.4 | 9.0 | 10.0 | 8.1 | 7.5 | 8.1 | 11.7 | 11.8 | 13.1 | 13.4 | 2.7% | 1.6% |
| Turkmenistan | † | † | † | † | † | † | † | † | † | † | † | † | ♦ |
| Ukraine | 2.1 | 2.7 | 2.8 | 2.9 | 2.3 | 2.6 | 2.7 | 2.9 | 2.4 | 2.4 | 3.1 | 32.8% | 0.4% |
| United Kingdom | 0.7 | 1.1 | 1.1 | 1.0 | 1.1 | 1.2 | 1.2 | 0.8 | 1.3 | 1.2 | 1.1 | -10.4% | 0.1% |
| Uzbekistan | 1.7 | 1.6 | 1.4 | 1.4 | 1.4 | 2.6 | 2.1 | 2.3 | 2.3 | 2.3 | 2.6 | 13.8% | 0.3% |
| Other Europe & Eurasia | 17.7 | 18.9 | 19.1 | 18.4 | 17.7 | 18.5 | 20.2 | 23.4 | 19.4 | 19.9 | 23.0 | 16.2% | 2.7% |
| Total Europe & Eurasia | 168.0 | 180.2 | 180.1 | 177.5 | 180.1 | 182.8 | 184.6 | 197.7 | 179.0 | 191.2 | 201.3 | 5.5% | 23.5% |
| Iran | 2.2 | 2.7 | 3.0 | 4.2 | 4.1 | 1.7 | 1.5 | 2.2 | 2.4 | 2.7 | 3.4 | 22.8% | 0.4% |
| Israel | † | † | † | † | † | † | † | † | † | † | † | † | ♦ |
| Kuwait | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Qatar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Arab Emirates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Middle East | 1.0 | 1.3 | 2.2 | 2.5 | 2.2 | 1.5 | 1.3 | 1.9 | 1.9 | 2.1 | 2.3 | 10.9% | 0.3% |
| Total Middle East | 3.2 | 4.0 | 5.1 | 6.6 | 6.3 | 3.2 | 2.8 | 4.0 | 4.3 | 4.9 | 5.7 | 17.6% | 0.7% |
| Algeria | 0.1 | 0.1 | 0.1 | † | 0.1 | 0.1 | 0.1 | † | 0.1 | 0.1 | † | -74.5% | ♦ |
| Egypt | 2.9 | 2.9 | 2.9 | 2.9 | 3.5 | 3.3 | 2.9 | 3.0 | 2.9 | 3.2 | 2.9 | -7.9% | 0.3% |
| South Africa | 0.2 | 0.2 | 0.3 | 0.7 | 0.2 | 0.3 | 0.3 | 0.5 | 0.5 | 0.3 | 0.3 | -2.7% | ♦ |
| Other Africa | 14.9 | 16.5 | 17.2 | 18.2 | 17.8 | 18.3 | 19.1 | 21.0 | 20.6 | 21.9 | 22.5 | 2.9% | 2.6% |
| Total Africa | 18.1 | 19.6 | 20.5 | 21.8 | 21.5 | 22.0 | 22.4 | 24.5 | 24.1 | 25.5 | 25.7 | 1.2% | 3.0% |
| Australia | 3.7 | 3.6 | 3.6 | 3.6 | 3.3 | 2.7 | 2.5 | 3.8 | 3.2 | 3.9 | 4.5 | 18.1% | 0.5% |
| Bangladesh | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 4.2% | ♦ |
| China | 64.2 | 80.0 | 89.8 | 98.6 | 109.8 | 132.4 | 139.3 | 163.4 | 158.2 | 197.3 | 206.3 | 4.8% | 24.1% |
| China Hong Kong SAR | - | - | - | - | - | - | - | - | - | - | - | - | - |
| India | 15.7 | 19.0 | 22.0 | 25.4 | 27.7 | 26.0 | 24.0 | 25.0 | 29.8 | 26.2 | 29.8 | 14.3% | 3.5% |
| Indonesia | 2.1 | 2.2 | 2.4 | 2.2 | 2.6 | 2.6 | 2.6 | 3.9 | 2.8 | 2.9 | 3.5 | 23.9% | 0.4% |
| Japan | 21.1 | 21.1 | 17.9 | 20.4 | 17.5 | 17.5 | 16.4 | 20.6 | 19.3 | 18.3 | 18.6 | 1.8% | 2.2% |
| Malaysia | 1.3 | 1.3 | 1.2 | 1.6 | 1.5 | 2.0 | 1.6 | 1.6 | 1.9 | 2.1 | 2.1 | -2.2% | 0.2% |
| New Zealand | 5.3 | 6.1 | 5.3 | 5.3 | 5.3 | 5.1 | 5.5 | 5.6 | 5.7 | 5.2 | 5.2 | 0.9% | 0.6% |
| Pakistan | 5.8 | 5.5 | 6.9 | 6.8 | 7.1 | 6.1 | 6.4 | 6.7 | 6.9 | 6.4 | 7.4 | 15.6% | 0.9% |
| Philippines | 1.8 | 1.9 | 1.9 | 2.2 | 1.9 | 2.2 | 2.2 | 1.8 | 2.2 | 2.3 | 2.2 | -5.7% | 0.3% |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - | - |
| South Korea | 1.1 | 1.0 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.8 | 1.0 | 1.1 | 1.3 | 16.8% | 0.2% |
| Taiwan | 0.7 | 0.7 | 0.9 | 0.9 | 1.0 | 0.9 | 0.8 | 0.9 | 0.9 | 1.2 | 1.2 | -4.1% | 0.1% |
| Thailand | 1.7 | 1.4 | 1.3 | 1.8 | 1.8 | 1.6 | 1.6 | 1.3 | 1.8 | 2.0 | 1.3 | -35.6% | 0.1% |
| Vietnam | 4.3 | 4.3 | 3.7 | 4.5 | 5.1 | 5.9 | 6.8 | 6.2 | 9.3 | 11.9 | 12.2 | 2.7% | 1.4% |
| Other Asia Pacific | 6.0 | 6.1 | 6.5 | 7.3 | 7.9 | 8.4 | 8.0 | 10.0 | 11.1 | 10.4 | 12.8 | 23.4% | 1.5% |
| Total Asia Pacific | 134.9 | 154.2 | 164.4 | 181.7 | 193.6 | 214.4 | 218.5 | 251.8 | 254.1 | 291.5 | 308.7 | 6.2% | 36.1% |
| Total World | 597.2 | 635.1 | 661.8 | 688.7 | 700.3 | 728.1 | 737.8 | 783.9 | 795.8 | 833.6 | 855.8 | 2.9% | 100.0% |
| of which: OECD | 287.3 | 292.6 | 295.3 | 300.6 | 292.6 | 302.3 | 299.5 | 309.5 | 314.9 | 316.6 | 319.3 | 1.1% | 37.3% |
| Non-OECD | 309.9 | 342.4 | 366.5 | 388.2 | 407.7 | 425.8 | 438.3 | 474.4 | 481.0 | 517.0 | 536.5 | 4.0% | 62.7% |
| European Union | 70.7 | 74.8 | 70.9 | 71.6 | 71.5 | 74.6 | 76.3 | 85.7 | 71.2 | 76.1 | 81.9 | 8.0% | 9.6% |
| Former Soviet Union | 51.2 | 56.2 | 55.8 | 55.5 | 56.4 | 53.9 | 55.6 | 55.8 | 54.5 | 54.5 | 59.3 | 9.2% | 6.9% |

*Based on gross primary generation and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.

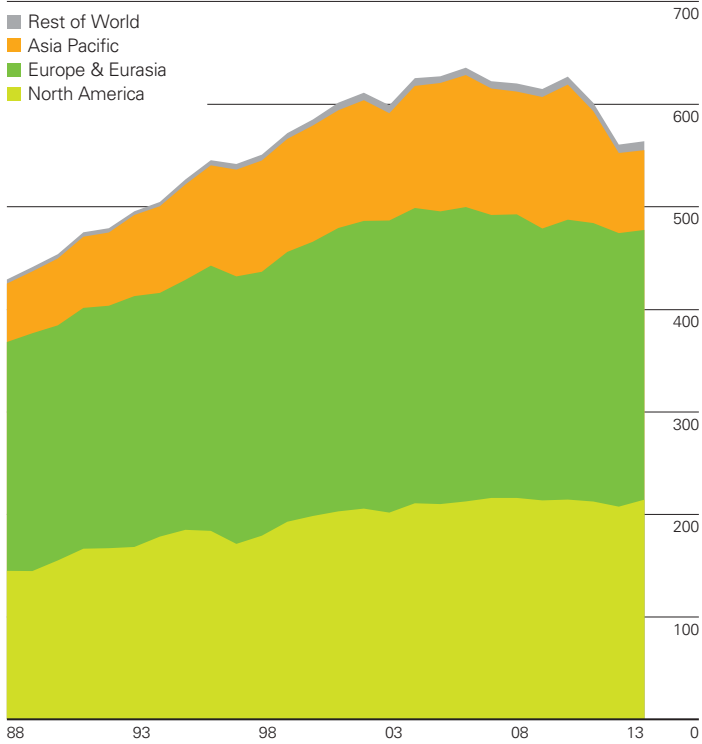
†Less than 0.05.

♦Less than 0.05%.

Notes: Hydroelectricity data expressed in terawatt-hours is available at bp.com/statisticalreview
Growth rates are adjusted for leap years.

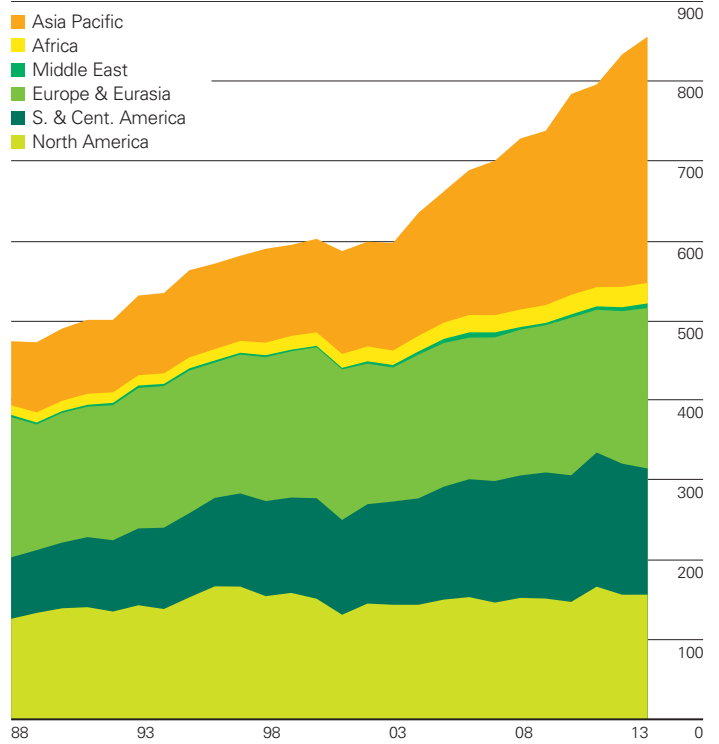
Nuclear energy consumption by region

Million tonnes oil equivalent



Hydroelectricity consumption by region

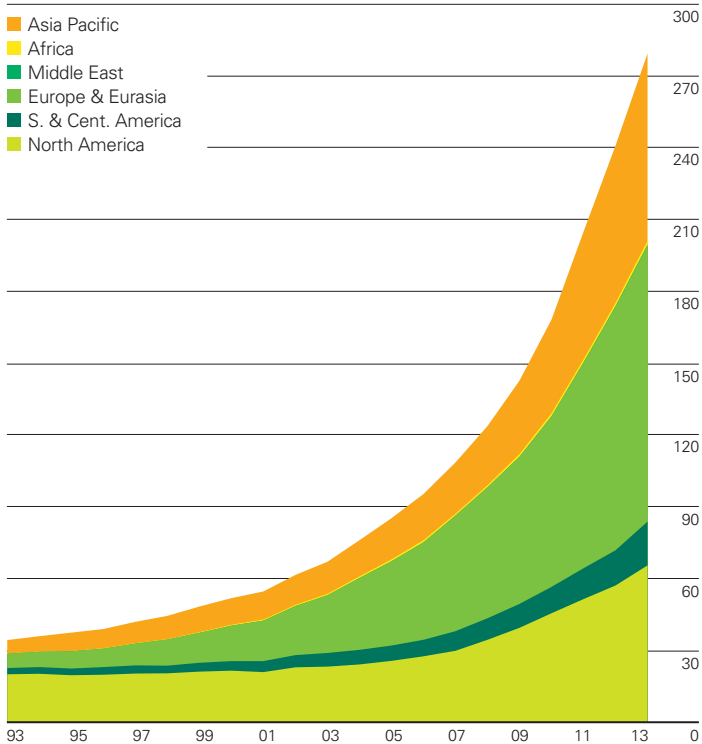
Million tonnes oil equivalent



World nuclear power generation increased by 0.9%, the first increase since 2010. Gains in the US, China, and Canada more than offset declines in South Korea, Ukraine, Spain and Russia. Global hydroelectric output grew by a below-average 2.9%. Growth in China, Russia, Spain and India was partly offset by large declines in Brazil and the Nordic countries.

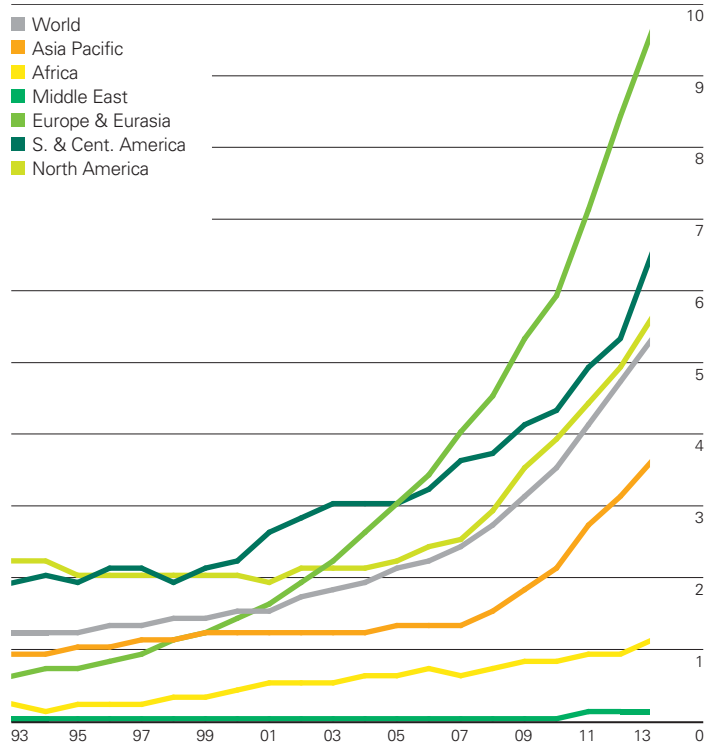
Other renewables consumption by region

Million tonnes oil equivalent



Other renewables share of power generation by region

Percentage



Renewable energy in power generation grew by an above-average 16.3% in 2013. Europe & Eurasia once again contributed the largest growth increment, even though growth in Europe's leading players – Germany, Spain, and Italy – was below average. China contributed the largest national increment. Renewable energy accounted for more than 5% of global electricity production for the first time, and 15% of EU power generation.

Other renewables consumption*

| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 18.8 | 19.6 | 20.6 | 22.7 | 24.7 | 29.5 | 33.6 | 38.9 | 45.0 | 50.6 | 58.6 | 16.2% | 21.0% |
| Canada | 2.3 | 2.3 | 2.5 | 2.6 | 2.7 | 2.6 | 3.4 | 4.1 | 3.9 | 4.2 | 4.3 | 3.4% | 1.5% |
| Mexico | 2.0 | 2.1 | 2.4 | 2.1 | 2.3 | 2.2 | 2.3 | 2.4 | 2.4 | 2.3 | 2.5 | 10.3% | 0.9% |
| Total North America | 23.1 | 24.0 | 25.5 | 27.4 | 29.7 | 34.3 | 39.3 | 45.4 | 51.3 | 57.0 | 65.4 | 15.0% | 23.4% |
| Argentina | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.6 | 0.7 | 3.9% | 0.2% |
| Brazil | 3.5 | 3.7 | 4.2 | 4.3 | 5.0 | 5.5 | 5.9 | 7.3 | 9.0 | 10.0 | 13.2 | 32.2% | 4.7% |
| Chile | 0.4 | 0.5 | 0.4 | 0.3 | 0.6 | 0.7 | 1.0 | 0.6 | 0.9 | 1.2 | 1.4 | 20.9% | 0.5% |
| Colombia | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4% | 0.1% |
| Ecuador | - | † | † | † | † | † | † | † | † | † | 0.1 | 18.8% | • |
| Peru | 0.1 | † | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 20.2% | 0.1% |
| Trinidad & Tobago | † | † | † | † | † | † | † | † | † | † | † | - | • |
| Venezuela | - | - | - | - | - | - | - | - | - | - | † | 48.6% | • |
| Other S. & Cent. America | 1.4 | 1.4 | 1.3 | 1.3 | 1.5 | 1.7 | 2.1 | 2.1 | 2.1 | 2.4 | 2.5 | 3.2% | 0.9% |
| Total S. & Cent. America | 5.7 | 6.1 | 6.4 | 6.9 | 8.2 | 9.0 | 10.0 | 11.0 | 12.9 | 14.7 | 18.3 | 24.7% | 6.5% |
| Austria | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.7 | 1.9 | 12.6% | 0.7% |
| Azerbaijan | - | - | - | - | - | - | † | † | - | - | - | - | - |
| Belarus | - | † | † | † | † | † | † | 0.1 | 0.1 | 0.1 | 0.1 | • | • |
| Belgium | 0.4 | 0.5 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.2 | 2.5 | 2.8 | 14.1% | 1.0% |
| Bulgaria | - | † | † | † | † | † | 0.1 | 0.2 | 0.2 | 0.5 | 0.6 | 32.8% | 0.2% |
| Czech Republic | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.2 | 1.3 | 1.5 | 11.3% | 0.5% |
| Denmark | 1.8 | 2.2 | 2.2 | 2.1 | 2.3 | 2.3 | 2.3 | 2.8 | 3.2 | 3.4 | 3.7 | 8.8% | 1.3% |
| Finland | 2.1 | 2.4 | 2.2 | 2.5 | 2.3 | 2.4 | 2.0 | 2.5 | 2.6 | 2.6 | 2.7 | 2.5% | 1.0% |
| France | 0.9 | 1.0 | 1.1 | 1.4 | 1.9 | 2.3 | 2.8 | 3.4 | 4.3 | 5.5 | 5.9 | 8.4% | 2.1% |
| Germany | 6.3 | 8.3 | 9.7 | 11.7 | 15.2 | 16.5 | 17.2 | 19.0 | 24.0 | 27.5 | 29.7 | 8.1% | 10.6% |
| Greece | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.7 | 0.9 | 1.3 | 1.4 | 8.8% | 0.5% |
| Hungary | † | 0.2 | 0.4 | 0.3 | 0.3 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | -2.1% | 0.2% |
| Republic of Ireland | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.7 | 1.1 | 1.0 | 1.1 | 12.3% | 0.4% |
| Italy | 2.6 | 2.9 | 3.1 | 3.5 | 3.8 | 4.1 | 4.6 | 5.8 | 8.4 | 11.4 | 13.0 | 14.3% | 4.6% |
| Kazakhstan | - | - | - | † | † | † | † | † | † | † | † | • | • |
| Lithuania | † | † | † | † | † | † | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 22.4% | 0.1% |
| Netherlands | 0.9 | 1.2 | 1.7 | 1.8 | 1.7 | 2.1 | 2.4 | 2.5 | 2.8 | 2.8 | 3.0 | 7.9% | 1.1% |
| Norway | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 16.6% | 0.2% |
| Poland | 0.1 | 0.2 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | 2.4 | 3.4 | 4.2 | 25.5% | 1.5% |
| Portugal | 0.5 | 0.6 | 0.8 | 1.1 | 1.4 | 1.8 | 2.3 | 2.8 | 2.8 | 3.1 | 3.6 | 16.0% | 1.3% |
| Romania | † | † | † | † | † | † | † | 0.1 | 0.3 | 0.6 | 1.1 | 75.7% | 0.4% |
| Russian Federation | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1.5% | • |
| Slovakia | † | † | † | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 2.1% | 0.1% |
| Spain | 3.6 | 4.4 | 5.6 | 6.2 | 7.2 | 8.7 | 10.7 | 12.5 | 12.6 | 15.0 | 16.8 | 12.0% | 6.0% |
| Sweden | 1.2 | 1.8 | 1.9 | 2.1 | 2.5 | 2.8 | 3.1 | 3.5 | 4.0 | 4.4 | 5.0 | 14.3% | 1.8% |
| Switzerland | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 11.0% | 0.2% |
| Turkey | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.9 | 1.3 | 1.7 | 2.2 | 30.2% | 0.8% |
| Turkmenistan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ukraine | † | † | † | † | † | † | † | † | † | 0.1 | 0.3 | 89.6% | 0.1% |
| United Kingdom | 1.7 | 2.1 | 2.7 | 3.1 | 3.3 | 3.8 | 4.5 | 5.0 | 6.6 | 8.1 | 10.9 | 34.1% | 3.9% |
| Uzbekistan | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Europe & Eurasia | 0.4 | 0.4 | 0.5 | 0.7 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.7 | 1.8 | 6.5% | 0.6% |
| Total Europe & Eurasia | 24.1 | 30.0 | 35.2 | 40.7 | 48.3 | 54.7 | 61.4 | 71.2 | 85.9 | 101.8 | 115.5 | 13.7% | 41.3% |
| Iran | - | † | † | † | † | † | 0.1 | † | 0.1 | 0.1 | 0.1 | - | • |
| Israel | † | † | † | † | † | † | † | † | 0.1 | 0.1 | 0.1 | 41.4% | • |
| Kuwait | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Qatar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| United Arab Emirates | - | - | - | - | - | - | † | † | † | † | † | - | • |
| Other Middle East | † | † | † | † | † | † | † | † | † | † | † | 8.8% | • |
| Total Middle East | † | † | † | † | † | † | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 24.0% | 0.1% |
| Algeria | - | - | - | - | - | - | - | - | † | 0.1 | 0.1 | -0.2% | • |
| Egypt | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 14.4% | 0.1% |
| South Africa | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | - | • |
| Other Africa | 0.5 | 0.5 | 0.6 | 0.7 | 0.6 | 0.6 | 0.8 | 0.9 | 0.9 | 0.9 | 1.2 | 24.6% | 0.4% |
| Total Africa | 0.6 | 0.7 | 0.8 | 0.9 | 0.8 | 0.9 | 1.1 | 1.3 | 1.3 | 1.4 | 1.7 | 19.8% | 0.6% |
| Australia | 0.6 | 0.8 | 1.2 | 1.4 | 1.6 | 1.7 | 1.7 | 1.9 | 2.1 | 2.8 | 3.4 | 21.7% | 1.2% |
| Bangladesh | † | † | † | † | † | † | † | † | † | † | † | 35.1% | • |
| China | 0.8 | 0.9 | 1.1 | 1.5 | 1.9 | 3.6 | 6.9 | 13.1 | 24.7 | 33.5 | 42.9 | 28.3% | 15.4% |
| China Hong Kong SAR | - | - | - | † | † | † | † | † | † | † | † | 2.4% | • |
| India | 1.2 | 1.9 | 2.3 | 3.3 | 4.0 | 4.8 | 6.3 | 7.6 | 9.2 | 10.9 | 11.7 | 8.3% | 4.2% |
| Indonesia | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.9 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 | 5.3% | 0.8% |
| Japan | 5.2 | 5.4 | 6.5 | 6.6 | 6.9 | 6.8 | 6.8 | 7.2 | 7.5 | 8.2 | 9.4 | 15.9% | 3.4% |
| Malaysia | - | - | - | - | † | † | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | • | 0.1% |
| New Zealand | 0.7 | 0.8 | 1.0 | 1.0 | 1.1 | 1.3 | 1.6 | 1.8 | 2.0 | 2.0 | 2.0 | 2.2% | 0.7% |
| Pakistan | - | - | - | - | - | - | † | † | † | † | † | - | • |
| Philippines | 2.1 | 2.3 | 2.2 | 2.4 | 2.3 | 2.4 | 2.4 | 2.3 | 2.3 | 2.4 | 2.4 | -0.7% | 0.8% |
| Singapore | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | - | 0.1% |
| South Korea | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 | 18.1% | 0.4% |
| Taiwan | 0.7 | 0.7 | 0.7 | 0.8 | 0.9 | 0.9 | 0.9 | 1.0 | 1.2 | 1.2 | 1.2 | 5.6% | 0.4% |
| Thailand | 0.3 | 0.3 | 0.4 | 0.3 | 0.4 | 0.6 | 0.7 | 0.8 | 0.8 | 0.9 | 1.0 | 10.5% | 0.3% |
| Vietnam | - | - | † | † | † | † | † | † | † | † | † | - | • |
| Other Asia Pacific | † | † | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | -0.1% | • |
| Total Asia Pacific | 13.4 | 15.1 | 17.2 | 19.3 | 21.4 | 24.7 | 30.7 | 39.1 | 53.3 | 65.7 | 78.2 | 19.4% | 28.0% |
| Total World | 66.9 | 76.0 | 85.1 | 95.3 | 108.4 | 123.7 | 142.5 | 168.0 | 204.9 | 240.8 | 279.3 | 16.3% | 100.0% |
| of which: OECD | 54.1 | 61.6 | 69.7 | 77.5 | 88.3 | 99.6 | 112.0 | 128.1 | 149.4 | 172.1 | 195.6 | 14.0% | 70.0% |
| Non-OECD | 12.8 | 14.4 | 15.4 | 17.9 | 20.1 | 24.1 | 30.5 | 39.9 | 55.5 | 68.7 | 83.7 | 22.1% | 30.0% |
| European Union | 23.2 | 29.1 | 34.2 | 39.4 | 46.6 | 52.8 | 59.1 | 68.5 | 82.5 | 97.7 | 110.6 | 13.5% | 39.6% |
| Former Soviet Union | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.9 | 27.4% | 0.3% |

*Based on gross generation from renewable sources including, wind, geothermal, solar, biomass and waste, and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.

†Less than 0.05.

•Less than 0.05%.

Notes: Other renewables data expressed in terawatt-hours is available at bp.com/statisticalreview
Growth rates are adjusted for leap years.

Biofuels production

| Thousand tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|---------------------|
| US | 5226 | 6374 | 7478 | 9746 | 13456 | 19149 | 21697 | 25568 | 28518 | 27270 | 28440 | 4.6% | 43.5% |
| Canada | 113 | 114 | 133 | 160 | 461 | 501 | 721 | 746 | 875 | 998 | 1011 | 1.6% | 1.5% |
| Mexico | - | - | - | - | 4 | 4 | 4 | 13 | 12 | 14 | 53 | 276.9% | 0.1% |
| Total North America | 5339 | 6488 | 7612 | 9906 | 13922 | 19654 | 22422 | 26327 | 29405 | 28282 | 29505 | 4.6% | 45.1% |
| Argentina | 9 | 9 | 9 | 29 | 272 | 632 | 1048 | 1656 | 2218 | 2283 | 1884 | -17.3% | 2.9% |
| Brazil | 7068 | 7154 | 7835 | 8729 | 11323 | 14093 | 13962 | 15575 | 13197 | 13547 | 15783 | 16.8% | 24.2% |
| Colombia | - | - | 14 | 131 | 141 | 143 | 295 | 428 | 536 | 616 | 634 | 3.3% | 1.0% |
| Other S. & Cent. America | 151 | 148 | 235 | 515 | 610 | 787 | 606 | 314 | 457 | 458 | 457 | ♦ | 0.7% |
| Total S. & Cent. America | 7227 | 7311 | 8093 | 9405 | 12347 | 15655 | 15911 | 17973 | 16408 | 16904 | 18757 | 11.3% | 28.7% |
| Austria | 26 | 48 | 70 | 105 | 220 | 263 | 354 | 375 | 370 | 370 | 378 | 2.5% | 0.6% |
| Belgium | - | - | 1 | 21 | 140 | 278 | 473 | 536 | 611 | 476 | 660 | 39.0% | 1.0% |
| Finland | - | 1 | 6 | 11 | 51 | 96 | 267 | 363 | 363 | 363 | 363 | 0.3% | 0.6% |
| France | 368 | 387 | 439 | 665 | 1121 | 2012 | 2312 | 2269 | 1859 | 2071 | 1936 | -6.2% | 3.0% |
| Germany | 613 | 890 | 1525 | 2488 | 3181 | 2720 | 2728 | 2888 | 2825 | 2888 | 2615 | -9.2% | 4.0% |
| Italy | 232 | 272 | 340 | 585 | 443 | 617 | 758 | 670 | 456 | 292 | 292 | 0.3% | 0.4% |
| Netherlands | - | 6 | 3 | 22 | 80 | 77 | 241 | 385 | 627 | 1255 | 1182 | -5.6% | 1.8% |
| Poland | 28 | 6 | 109 | 144 | 96 | 278 | 393 | 421 | 398 | 631 | 664 | 5.6% | 1.0% |
| Portugal | - | - | 1 | 70 | 153 | 145 | 202 | 275 | 293 | 338 | 208 | -38.3% | 0.3% |
| Spain | 173 | 210 | 282 | 251 | 352 | 359 | 958 | 1267 | 809 | 586 | 674 | 15.4% | 1.0% |
| Sweden | 32 | 43 | 48 | 81 | 139 | 171 | 238 | 214 | 212 | 244 | 271 | 11.3% | 0.4% |
| United Kingdom | 9 | 9 | 39 | 219 | 359 | 276 | 180 | 304 | 253 | 299 | 449 | 50.5% | 0.7% |
| Other Europe & Eurasia | 138 | 165 | 293 | 395 | 491 | 931 | 1175 | 1231 | 1241 | 1320 | 1295 | -1.6% | 2.0% |
| Total Europe & Eurasia | 1619 | 2037 | 3157 | 5058 | 6826 | 8223 | 10280 | 11200 | 10318 | 11133 | 10988 | -1.0% | 16.8% |
| Total Middle East | - | - | - | - | - | - | - | 4 | 4 | 4 | 4 | - | ♦ |
| Total Africa | 6 | 6 | 6 | 6 | 6 | 11 | 15 | 30 | 23 | 23 | 23 | - | ♦ |
| Australia | - | 4 | 20 | 54 | 70 | 111 | 174 | 238 | 335 | 409 | 416 | 1.8% | 0.6% |
| China | 396 | 493 | 622 | 846 | 901 | 1096 | 1124 | 1441 | 1597 | 1729 | 1680 | -2.6% | 2.6% |
| India | 94 | 99 | 114 | 134 | 136 | 155 | 174 | 155 | 192 | 227 | 321 | 42.2% | 0.5% |
| Indonesia | - | - | 9 | 44 | 216 | 528 | 464 | 718 | 1104 | 1388 | 1608 | 16.2% | 2.5% |
| South Korea | 2 | 4 | 9 | 39 | 74 | 141 | 343 | 491 | 308 | 272 | 302 | 11.4% | 0.5% |
| Thailand | - | 3 | 52 | 80 | 138 | 494 | 618 | 661 | 721 | 994 | 1251 | 26.2% | 1.9% |
| Other Asia Pacific | - | - | 10 | 106 | 196 | 385 | 422 | 317 | 267 | 387 | 492 | 27.6% | 0.8% |
| Total Asia Pacific | 491 | 604 | 834 | 1304 | 1732 | 2910 | 3320 | 4021 | 4525 | 5406 | 6071 | 12.6% | 9.3% |
| Total World | 14682 | 16446 | 19701 | 25678 | 34832 | 46453 | 51949 | 59555 | 60684 | 61752 | 65348 | 6.1% | 100.0% |
| of which: OECD | 6960 | 8522 | 10779 | 15021 | 20780 | 27899 | 32897 | 37946 | 40014 | 39737 | 40813 | 3.0% | 62.5% |
| Non-OECD | 7722 | 7924 | 8922 | 10657 | 14052 | 18553 | 19051 | 21609 | 20670 | 22015 | 24535 | 11.7% | 37.5% |
| European Union | 1619 | 2028 | 3133 | 5007 | 6748 | 8077 | 10096 | 11051 | 10173 | 10925 | 10747 | -1.4% | 16.4% |
| Former Soviet Union | - | 11 | 22 | 28 | 50 | 130 | 210 | 182 | 159 | 184 | 193 | 5.4% | 0.3% |

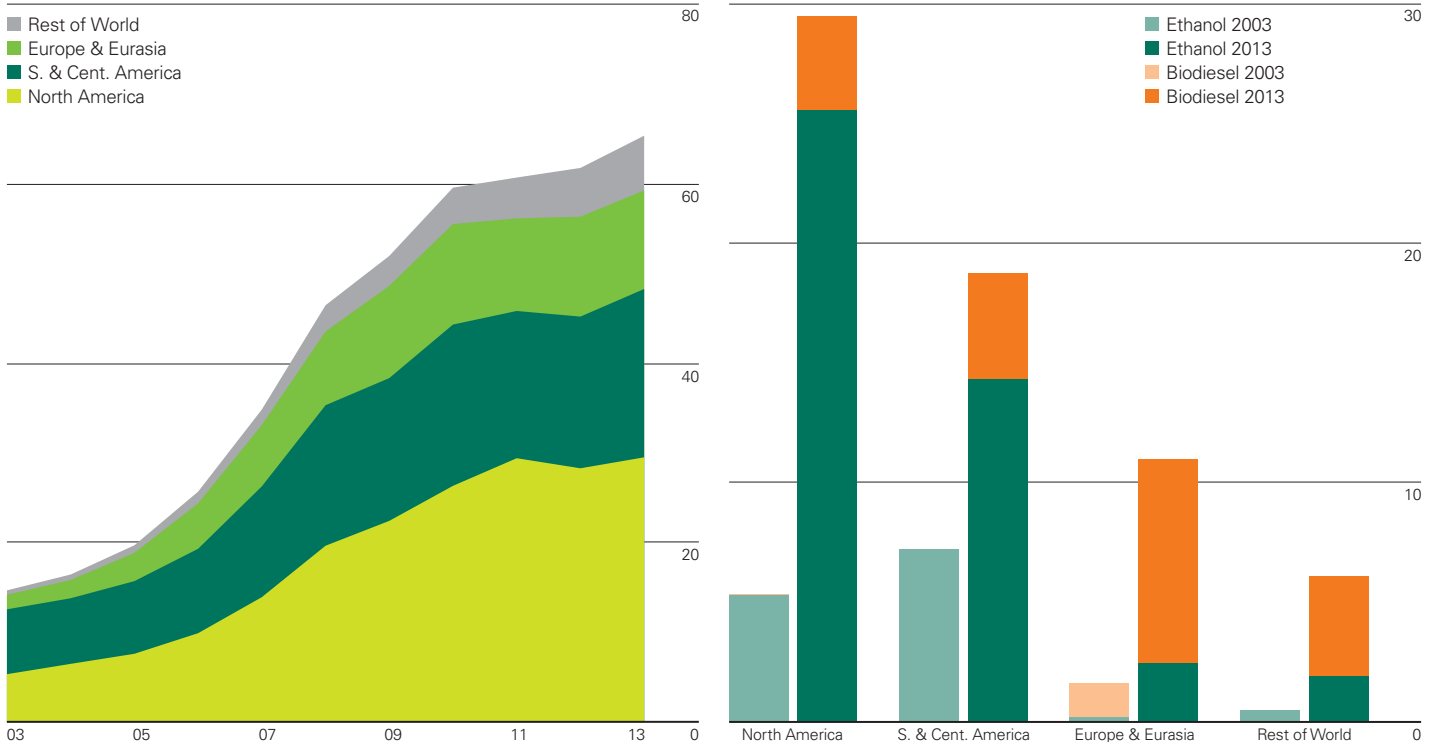
♦Less than 0.05%.

Notes: Consumption of fuel ethanol and biodiesel is included in oil consumption tables. Growth rates are adjusted for leap years.

Source: Includes data from F.O. Lichts; US Energy Information Administration.

World biofuels production

Million tonnes oil equivalent



World biofuels production increased by 6.1% in 2013. Increased biofuels output in North America, South and Central America and Asia Pacific outweighed declines in Europe and Eurasia. Global ethanol production increased 6.1%, the first increase in two years. Biodiesel production increased 6.2%, despite declines in South and Central America and Europe and Eurasia.

① Primary energy

Consumption*

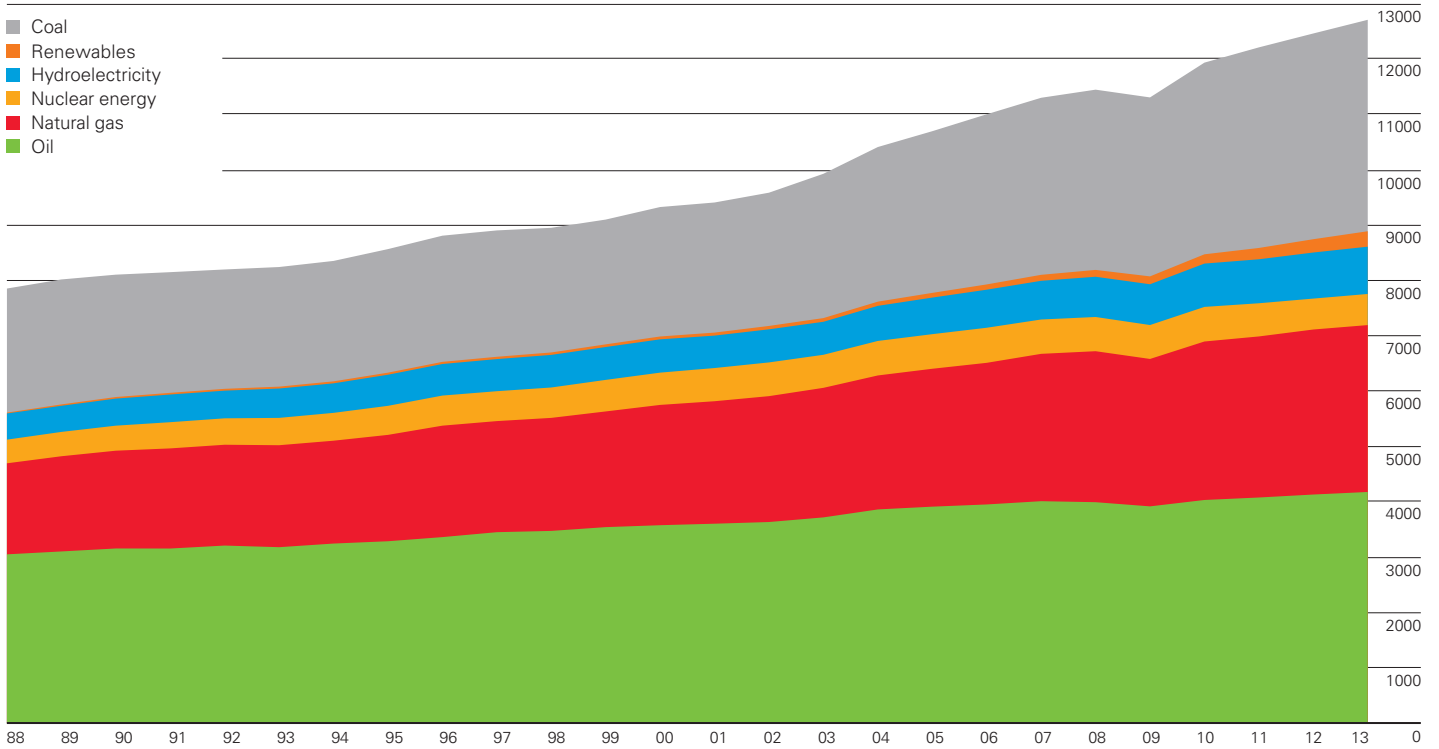
| Million tonnes oil equivalent | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Change 2013 over 2012 | 2013 share of total |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------------|
| US | 2302.3 | 2349.1 | 2351.3 | 2333.1 | 2371.7 | 2320.1 | 2205.9 | 2284.9 | 2265.4 | 2208.0 | 2265.8 | 2.9% | 17.8% |
| Canada | 312.1 | 315.5 | 324.1 | 321.4 | 327.5 | 326.1 | 311.5 | 315.6 | 328.1 | 326.9 | 332.9 | 2.1% | 2.6% |
| Mexico | 148.2 | 156.4 | 167.8 | 172.7 | 172.1 | 174.6 | 173.0 | 177.9 | 186.2 | 188.5 | 188.0 | ♦ | 1.5% |
| Total North America | 2762.7 | 2821.0 | 2843.2 | 2827.2 | 2871.3 | 2820.8 | 2690.4 | 2778.4 | 2779.7 | 2723.4 | 2786.7 | 2.6% | 21.9% |
| Argentina | 61.1 | 64.4 | 68.8 | 71.8 | 74.7 | 76.6 | 75.8 | 78.1 | 79.8 | 82.2 | 84.5 | 3.2% | 0.7% |
| Brazil | 189.7 | 199.9 | 206.5 | 212.4 | 225.9 | 236.0 | 235.2 | 257.4 | 269.3 | 276.0 | 284.0 | 3.2% | 2.2% |
| Chile | 26.1 | 27.3 | 28.3 | 30.8 | 30.8 | 30.6 | 30.9 | 30.0 | 32.6 | 34.0 | 34.6 | 2.1% | 0.3% |
| Colombia | 26.2 | 26.7 | 28.2 | 28.8 | 29.4 | 30.3 | 31.8 | 33.0 | 35.7 | 36.8 | 38.0 | 3.4% | 0.3% |
| Ecuador | 8.9 | 9.2 | 9.7 | 10.3 | 10.9 | 11.6 | 11.5 | 12.8 | 13.6 | 14.3 | 14.7 | 2.7% | 0.1% |
| Peru | 12.0 | 12.8 | 13.4 | 13.6 | 14.9 | 16.2 | 16.6 | 18.9 | 20.6 | 21.6 | 21.8 | 1.0% | 0.2% |
| Trinidad & Tobago | 13.2 | 14.5 | 15.9 | 20.5 | 21.4 | 21.0 | 21.7 | 22.8 | 22.5 | 21.7 | 22.0 | 1.5% | 0.2% |
| Venezuela | 60.5 | 67.5 | 70.4 | 76.3 | 81.1 | 84.4 | 82.9 | 75.8 | 77.7 | 79.9 | 82.9 | 4.0% | 0.7% |
| Other S. & Cent. America | 84.9 | 85.1 | 84.5 | 86.2 | 88.5 | 86.1 | 85.7 | 87.6 | 88.7 | 90.3 | 91.0 | 1.0% | 0.7% |
| Total S. & Cent. America | 482.6 | 507.3 | 525.9 | 550.7 | 577.6 | 592.9 | 592.0 | 616.4 | 640.5 | 656.9 | 673.5 | 2.8% | 5.3% |
| Austria | 34.7 | 35.4 | 36.2 | 36.0 | 35.1 | 35.8 | 34.7 | 36.0 | 33.7 | 35.4 | 34.0 | -3.7% | 0.3% |
| Azerbaijan | 11.8 | 12.6 | 13.8 | 13.6 | 12.3 | 12.3 | 10.9 | 10.7 | 11.9 | 12.3 | 12.7 | 3.7% | 0.1% |
| Belarus | 22.5 | 24.4 | 24.2 | 26.0 | 25.1 | 25.3 | 23.9 | 25.4 | 25.2 | 25.2 | 25.3 | 0.4% | 0.2% |
| Belgium | 65.3 | 65.1 | 64.7 | 64.8 | 65.0 | 67.7 | 62.6 | 66.8 | 63.8 | 60.3 | 61.7 | 2.6% | 0.5% |
| Bulgaria | 19.4 | 19.1 | 19.6 | 20.1 | 19.6 | 19.5 | 17.1 | 17.8 | 19.1 | 18.1 | 17.1 | -5.2% | 0.1% |
| Czech Republic | 43.7 | 45.4 | 45.2 | 46.1 | 45.7 | 44.4 | 42.0 | 43.8 | 43.2 | 42.4 | 41.9 | -1.0% | 0.3% |
| Denmark | 21.4 | 20.5 | 19.6 | 21.7 | 20.6 | 19.8 | 18.5 | 19.5 | 18.5 | 17.2 | 18.1 | 5.3% | 0.1% |
| Finland | 30.7 | 30.8 | 28.4 | 29.8 | 29.8 | 29.0 | 27.0 | 29.2 | 27.2 | 26.5 | 26.1 | -1.1% | 0.2% |
| France | 260.6 | 264.7 | 262.9 | 261.7 | 258.0 | 258.8 | 244.9 | 253.3 | 245.0 | 245.3 | 248.4 | 1.5% | 2.0% |
| Germany | 337.0 | 337.2 | 333.2 | 339.6 | 324.6 | 326.9 | 307.8 | 322.5 | 307.5 | 317.1 | 325.0 | 2.8% | 2.6% |
| Greece | 32.2 | 34.3 | 34.0 | 35.2 | 35.1 | 34.6 | 33.4 | 31.4 | 30.7 | 29.3 | 27.2 | -6.7% | 0.2% |
| Hungary | 24.3 | 24.4 | 24.9 | 23.9 | 26.3 | 27.0 | 25.2 | 25.0 | 22.6 | 22.0 | 20.4 | -6.9% | 0.2% |
| Republic of Ireland | 14.2 | 14.6 | 15.1 | 15.4 | 15.9 | 15.7 | 14.4 | 14.4 | 13.3 | 13.2 | 13.3 | 1.7% | 0.1% |
| Italy | 181.9 | 185.3 | 185.6 | 184.9 | 182.0 | 180.2 | 167.9 | 173.2 | 169.5 | 163.2 | 158.8 | -2.4% | 1.2% |
| Kazakhstan | 44.0 | 43.9 | 46.5 | 49.9 | 53.2 | 54.1 | 50.8 | 50.8 | 56.7 | 60.9 | 62.0 | 2.2% | 0.5% |
| Lithuania | 8.9 | 9.0 | 8.3 | 8.0 | 8.6 | 8.6 | 7.8 | 5.9 | 6.1 | 6.1 | 5.7 | -7.2% | ♦ |
| Netherlands | 91.6 | 94.5 | 96.2 | 95.6 | 95.1 | 93.2 | 91.8 | 96.1 | 91.5 | 88.4 | 86.8 | -1.6% | 0.7% |
| Norway | 39.2 | 39.9 | 46.0 | 42.4 | 46.1 | 47.1 | 43.9 | 42.1 | 43.2 | 47.9 | 45.0 | -5.9% | 0.4% |
| Poland | 90.1 | 91.4 | 91.2 | 94.7 | 95.7 | 96.2 | 92.1 | 99.5 | 99.8 | 98.7 | 99.9 | 1.5% | 0.8% |
| Portugal | 25.7 | 25.3 | 25.5 | 25.4 | 25.3 | 23.7 | 24.0 | 25.1 | 23.8 | 22.2 | 23.8 | 7.3% | 0.2% |
| Romania | 37.8 | 39.0 | 39.8 | 40.6 | 37.5 | 38.5 | 33.9 | 34.3 | 35.4 | 34.3 | 33.0 | -3.4% | 0.3% |
| Russian Federation | 642.2 | 649.2 | 648.0 | 675.7 | 680.1 | 683.5 | 647.8 | 674.1 | 695.9 | 699.3 | 699.0 | 0.2% | 5.5% |
| Slovakia | 18.1 | 17.6 | 18.8 | 17.9 | 17.2 | 17.7 | 16.0 | 17.0 | 16.5 | 16.0 | 16.6 | 3.8% | 0.1% |
| Spain | 144.4 | 150.1 | 151.7 | 153.6 | 157.5 | 154.0 | 143.9 | 144.7 | 142.4 | 141.1 | 133.7 | -5.0% | 1.1% |
| Sweden | 49.2 | 53.4 | 54.8 | 51.5 | 52.6 | 52.4 | 48.1 | 51.8 | 50.9 | 54.0 | 51.0 | -5.2% | 0.4% |
| Switzerland | 29.1 | 28.8 | 27.7 | 28.9 | 28.6 | 29.7 | 29.7 | 29.0 | 27.5 | 29.1 | 30.2 | 3.9% | 0.2% |
| Turkey | 78.4 | 83.2 | 86.1 | 96.2 | 103.1 | 102.8 | 103.7 | 110.4 | 117.6 | 122.7 | 122.8 | 0.4% | 1.0% |
| Turkmenistan | 17.7 | 18.6 | 19.6 | 21.5 | 24.4 | 23.9 | 23.1 | 26.1 | 27.0 | 29.9 | 26.3 | -11.7% | 0.2% |
| Ukraine | 136.6 | 137.5 | 136.1 | 137.5 | 134.5 | 133.0 | 112.9 | 120.9 | 125.8 | 122.7 | 117.5 | -4.0% | 0.9% |
| United Kingdom | 225.4 | 227.3 | 228.2 | 225.4 | 218.2 | 214.5 | 203.9 | 209.2 | 196.3 | 201.6 | 200.0 | -0.5% | 1.6% |
| Uzbekistan | 50.9 | 49.4 | 46.2 | 46.0 | 48.8 | 52.3 | 46.7 | 48.0 | 51.1 | 48.9 | 47.8 | -2.1% | 0.4% |
| Other Europe & Eurasia | 84.8 | 89.8 | 89.8 | 87.6 | 89.8 | 91.4 | 88.6 | 94.5 | 93.5 | 91.4 | 94.3 | 3.4% | 0.7% |
| Total Europe & Eurasia | 2913.8 | 2961.5 | 2967.8 | 3017.1 | 3011.5 | 3013.6 | 2839.1 | 2948.8 | 2932.3 | 2942.6 | 2925.3 | -0.3% | 23.0% |
| Iran | 151.1 | 166.1 | 177.3 | 193.7 | 207.8 | 217.2 | 227.0 | 227.4 | 237.6 | 238.8 | 243.9 | 2.4% | 1.9% |
| Israel | 20.7 | 21.0 | 21.6 | 21.8 | 22.9 | 23.8 | 23.1 | 23.4 | 24.0 | 24.8 | 24.2 | -1.8% | 0.2% |
| Kuwait | 25.5 | 28.5 | 30.5 | 28.9 | 28.8 | 30.5 | 31.5 | 34.7 | 35.7 | 38.0 | 37.8 | -0.1% | 0.3% |
| Qatar | 14.1 | 16.9 | 20.7 | 22.2 | 22.8 | 23.6 | 24.0 | 24.9 | 28.6 | 29.1 | 31.8 | 9.5% | 0.2% |
| Saudi Arabia | 135.8 | 147.4 | 152.3 | 158.5 | 165.0 | 179.1 | 186.4 | 203.1 | 208.1 | 220.6 | 227.7 | 3.5% | 1.8% |
| United Arab Emirates | 56.2 | 60.1 | 62.3 | 65.3 | 72.5 | 82.9 | 80.9 | 84.9 | 89.2 | 93.3 | 97.1 | 4.4% | 0.8% |
| Other Middle East | 82.9 | 86.2 | 91.7 | 89.7 | 94.0 | 104.1 | 106.7 | 116.1 | 113.9 | 119.9 | 122.9 | 2.8% | 1.0% |
| Total Middle East | 486.2 | 526.2 | 556.5 | 580.1 | 613.7 | 661.0 | 679.7 | 714.4 | 737.1 | 764.4 | 785.3 | 3.0% | 6.2% |
| Algeria | 30.0 | 31.1 | 32.6 | 33.5 | 35.4 | 37.5 | 39.6 | 38.6 | 40.7 | 44.8 | 46.6 | 4.4% | 0.4% |
| Egypt | 56.9 | 59.6 | 62.5 | 65.9 | 70.1 | 74.3 | 77.0 | 81.6 | 83.0 | 87.6 | 86.8 | -0.7% | 0.7% |
| South Africa | 109.4 | 115.3 | 115.1 | 116.9 | 122.8 | 129.4 | 123.6 | 125.1 | 123.0 | 122.6 | 122.4 | 0.2% | 1.0% |
| Other Africa | 108.2 | 116.9 | 123.2 | 122.0 | 126.9 | 134.4 | 132.1 | 144.2 | 140.0 | 147.5 | 152.3 | 3.5% | 1.2% |
| Total Africa | 304.5 | 322.8 | 333.4 | 338.3 | 355.1 | 375.5 | 372.4 | 389.4 | 386.7 | 402.4 | 408.1 | 1.7% | 3.2% |
| Australia | 112.6 | 115.3 | 119.0 | 125.1 | 125.8 | 126.1 | 123.1 | 122.8 | 124.1 | 118.0 | 116.0 | -1.4% | 0.9% |
| Bangladesh | 15.6 | 16.2 | 17.4 | 18.7 | 19.4 | 20.6 | 21.4 | 23.3 | 24.7 | 26.0 | 26.7 | 3.0% | 0.2% |
| China | 1245.3 | 1466.8 | 1601.1 | 1767.9 | 1880.1 | 1971.4 | 2104.3 | 2339.6 | 2544.8 | 2731.1 | 2852.4 | 4.7% | 22.4% |
| China Hong Kong SAR | 21.4 | 24.1 | 23.1 | 24.5 | 26.1 | 24.3 | 26.5 | 27.6 | 28.3 | 27.2 | 27.9 | 3.0% | 0.2% |
| India | 320.8 | 345.1 | 366.8 | 390.0 | 420.1 | 446.5 | 483.8 | 510.2 | 534.6 | 573.3 | 595.0 | 4.1% | 4.7% |
| Indonesia | 117.1 | 116.6 | 120.0 | 122.2 | 131.0 | 125.0 | 134.5 | 150.0 | 159.8 | 161.0 | 168.7 | 5.1% | 1.3% |
| Japan | 514.4 | 526.8 | 531.4 | 530.1 | 526.7 | 520.7 | 477.5 | 506.8 | 481.2 | 478.0 | 474.0 | -0.6% | 3.7% |
| Malaysia | 58.8 | 58.2 | 64.4 | 68.1 | 71.2 | 71.6 | 71.5 | 77.5 | 76.6 | 80.2 | 81.1 | 1.4% | 0.6% |
| New Zealand | 18.7 | 19.3 | 18.7 | 19.0 | 19.0 | 19.1 | 19.1 | 19.7 | 19.6 | 19.7 | 19.8 | 1.1% | 0.2% |
| Pakistan | 52.4 | 56.8 | 58.9 | 61.8 | 65.2 | 64.9 | 67.0 | 68.0 | 68.1 | 69.1 | 69.6 | 1.0% | 0.5% |
| Philippines | 26.4 | 27.3 | 27.5 | 26.2 | 27.5 | 27.4 | 27.8 | 28.1 | 29.2 | 30.4 | 31.8 | 4.8% | 0.2% |
| Singapore | 39.3 | 44.1 | 49.5 | 53.0 | 58.4 | 61.2 | 64.5 | 70.6 | 73.7 | 74.1 | 75.7 | 2.4% | 0.6% |
| South Korea | 209.8 | 213.8 | 220.8 | 222.9 | 231.9 | 236.4 | 237.4 | 254.6 | 267.8 | 270.9 | 271.3 | 0.4% | 2.1% |
| Taiwan | 99.7 | 104.9 | 106.5 | 108.6 | 113.7 | 107.6 | 104.1 | 109.7 | 109.5 | 109.2 | 110.9 | 1.8% | 0.9% |
| Thailand | 75.4 | 80.6 | 84.8 | 86.7 | 89.9 | 92.4 | 97.2 | 102.7 | 107.1 | 115.3 | 115.6 | 0.5% | 0.9% |
| Vietnam | 22.5 | 28.7 | 29.8 | 32.3 | 34.9 | 36.7 | 42.6 | 44.2 | 48.9 | 52.5 | 54.4 | 3.9% | 0.4% |
| Other Asia Pacific | 44.0 | 44.7 | 47.9 | 50.5 | 49.2 | 50.4 | 49.9 | 52.8 | 57.2 | 57.6 | 60.7 | 5.7% | 0.5% |
| Total Asia Pacific | 2994.0 | 3289.3 | 3487.7 | 3707.5 | 3890.3 | 4002.4 | 4152.3 | 4508.2 | 4755.1 | 4993.5 | 5151.5 | 3.4%</ | |

Consumption by fuel*

| Million tonnes oil equivalent | 2012 | | | | | | | 2013 | | | | | | |
|-------------------------------------|---------------|---------------|---------------|----------------|-------------------|--------------|----------------|---------------|---------------|---------------|----------------|-------------------|--------------|----------------|
| | Oil | Natural gas | Coal | Nuclear energy | Hydro-electricity | Renew-ables | Total | Oil | Natural gas | Coal | Nuclear energy | Hydro-electricity | Renew-ables | Total |
| US | 817.0 | 657.3 | 436.7 | 183.2 | 63.1 | 50.6 | 2208.0 | 831.0 | 671.0 | 455.7 | 187.9 | 61.5 | 58.6 | 2265.8 |
| Canada | 104.3 | 90.2 | 20.5 | 21.7 | 86.0 | 4.2 | 326.9 | 103.5 | 93.1 | 20.3 | 23.1 | 88.6 | 4.3 | 332.9 |
| Mexico | 92.3 | 71.6 | 13.3 | 2.0 | 7.1 | 2.3 | 188.5 | 89.7 | 74.5 | 12.4 | 2.7 | 6.2 | 2.5 | 188.0 |
| Total North America | 1013.6 | 819.2 | 470.5 | 206.9 | 156.2 | 57.0 | 2723.4 | 1024.2 | 838.6 | 488.4 | 213.7 | 156.3 | 65.4 | 2786.7 |
| Argentina | 28.5 | 42.6 | 0.7 | 1.4 | 8.4 | 0.6 | 82.2 | 29.4 | 43.2 | 0.7 | 1.4 | 9.2 | 0.7 | 84.5 |
| Brazil | 125.8 | 28.5 | 14.0 | 3.6 | 94.0 | 10.0 | 276.0 | 132.7 | 33.9 | 13.7 | 3.3 | 87.2 | 13.2 | 284.0 |
| Chile | 17.3 | 4.9 | 6.2 | - | 4.6 | 1.2 | 34.0 | 17.6 | 3.9 | 7.4 | - | 4.4 | 1.4 | 34.6 |
| Colombia | 13.4 | 8.9 | 3.7 | - | 10.8 | 0.1 | 36.8 | 13.9 | 9.6 | 4.3 | - | 10.0 | 0.1 | 38.0 |
| Ecuador | 10.9 | 0.6 | - | - | 2.8 | 0.1 | 14.3 | 11.6 | 0.5 | - | - | 2.5 | 0.1 | 14.7 |
| Peru | 9.5 | 6.1 | 0.8 | - | 5.0 | 0.2 | 21.6 | 10.0 | 5.9 | 0.8 | - | 4.8 | 0.2 | 21.8 |
| Trinidad & Tobago | 1.7 | 20.0 | - | - | - | † | 21.7 | 1.8 | 20.2 | - | - | - | † | 22.0 |
| Venezuela | 33.0 | 28.3 | 0.2 | - | 18.5 | † | 79.9 | 36.2 | 27.5 | 0.2 | - | 19.0 | † | 82.9 |
| Other S. & Cent. America | 59.1 | 6.4 | 2.0 | - | 20.4 | 2.4 | 90.3 | 58.4 | 7.1 | 2.1 | - | 20.9 | 2.5 | 91.0 |
| Total S. & Cent. America | 299.2 | 146.1 | 27.6 | 5.0 | 164.3 | 14.7 | 656.9 | 311.6 | 151.8 | 29.2 | 4.7 | 158.1 | 18.3 | 673.5 |
| Austria | 12.5 | 8.1 | 3.2 | - | 9.9 | 1.7 | 35.4 | 12.5 | 7.6 | 3.6 | - | 8.4 | 1.9 | 34.0 |
| Azerbaijan | 4.2 | 7.7 | † | - | 0.4 | - | 12.3 | 4.6 | 7.8 | † | - | 0.3 | - | 12.7 |
| Belarus | 8.6 | 16.5 | 0.1 | - | † | 0.1 | 25.2 | 8.7 | 16.5 | 0.1 | - | † | 0.1 | 25.3 |
| Belgium | 30.4 | 15.2 | 3.0 | 9.1 | 0.1 | 2.5 | 60.3 | 31.0 | 15.1 | 2.9 | 9.6 | 0.1 | 2.8 | 61.7 |
| Bulgaria | 3.9 | 2.5 | 6.9 | 3.6 | 0.7 | 0.5 | 18.1 | 4.1 | 2.4 | 5.9 | 3.2 | 0.9 | 0.6 | 17.1 |
| Czech Republic | 8.9 | 7.4 | 17.3 | 6.9 | 0.7 | 1.3 | 42.4 | 8.6 | 7.6 | 16.5 | 7.0 | 0.9 | 1.5 | 41.9 |
| Denmark | 7.8 | 3.5 | 2.5 | - | † | 3.4 | 17.2 | 7.8 | 3.4 | 3.2 | - | † | 3.7 | 18.1 |
| Finland | 9.0 | 2.7 | 3.0 | 5.3 | 3.8 | 2.6 | 26.5 | 8.9 | 2.6 | 3.7 | 5.4 | 2.9 | 2.7 | 26.1 |
| France | 81.0 | 38.0 | 11.5 | 96.3 | 13.1 | 5.5 | 245.3 | 80.3 | 38.6 | 12.2 | 95.9 | 15.5 | 5.9 | 248.4 |
| Germany | 111.4 | 70.5 | 80.1 | 22.5 | 4.9 | 27.5 | 317.1 | 112.1 | 75.3 | 81.3 | 22.0 | 4.6 | 29.7 | 325.0 |
| Greece | 15.1 | 3.7 | 8.1 | - | 1.0 | 1.3 | 29.3 | 14.0 | 3.2 | 7.1 | - | 1.5 | 1.4 | 27.2 |
| Hungary | 5.9 | 9.2 | 2.7 | 3.6 | † | 0.6 | 22.0 | 6.0 | 7.7 | 2.7 | 3.5 | † | 0.5 | 20.4 |
| Republic of Ireland | 6.5 | 4.0 | 1.5 | - | 0.2 | 1.0 | 13.2 | 6.7 | 4.0 | 1.3 | - | 0.1 | 1.1 | 13.3 |
| Italy | 64.2 | 61.8 | 16.3 | - | 9.5 | 11.4 | 163.2 | 61.8 | 57.8 | 14.6 | - | 11.6 | 13.0 | 158.8 |
| Kazakhstan | 13.1 | 9.4 | 36.6 | - | 1.8 | † | 60.9 | 13.8 | 10.3 | 36.1 | - | 1.8 | † | 62.0 |
| Lithuania | 2.7 | 3.0 | 0.2 | - | 0.1 | 0.2 | 6.1 | 2.7 | 2.4 | 0.2 | - | 0.1 | 0.2 | 5.7 |
| Netherlands | 43.7 | 32.8 | 8.2 | 0.9 | † | 2.8 | 88.4 | 41.4 | 33.4 | 8.3 | 0.6 | † | 3.0 | 86.8 |
| Norway | 10.5 | 3.9 | 0.7 | - | 32.3 | 0.5 | 47.9 | 10.6 | 4.0 | 0.7 | - | 29.2 | 0.5 | 45.0 |
| Poland | 25.7 | 14.9 | 54.3 | - | 0.5 | 3.4 | 98.7 | 24.0 | 15.0 | 56.1 | - | 0.6 | 4.2 | 99.9 |
| Portugal | 10.9 | 4.0 | 2.9 | - | 1.2 | 3.1 | 22.2 | 10.8 | 3.7 | 2.7 | - | 3.1 | 3.6 | 23.8 |
| Romania | 9.2 | 12.2 | 6.9 | 2.6 | 2.8 | 0.6 | 34.3 | 9.0 | 11.2 | 5.6 | 2.6 | 3.4 | 1.1 | 33.0 |
| Russian Federation | 148.9 | 374.6 | 98.1 | 40.2 | 37.3 | 0.1 | 699.3 | 153.1 | 372.1 | 93.5 | 39.1 | 41.0 | 0.1 | 699.0 |
| Slovakia | 3.6 | 4.4 | 3.2 | 3.5 | 1.0 | 0.3 | 16.0 | 3.5 | 4.9 | 3.1 | 3.6 | 1.2 | 0.3 | 16.6 |
| Spain | 64.2 | 28.2 | 15.1 | 13.9 | 4.6 | 15.0 | 141.1 | 59.3 | 26.1 | 10.3 | 12.8 | 8.3 | 16.8 | 133.7 |
| Sweden | 14.6 | 1.0 | 1.5 | 14.6 | 17.8 | 4.4 | 54.0 | 14.3 | 1.0 | 1.7 | 15.1 | 13.9 | 5.0 | 51.0 |
| Switzerland | 11.2 | 2.9 | 0.1 | 5.8 | 8.6 | 0.4 | 29.1 | 11.8 | 3.3 | 0.1 | 5.9 | 8.6 | 0.5 | 30.2 |
| Turkey | 31.4 | 40.7 | 35.7 | - | 13.1 | 1.7 | 122.7 | 33.1 | 41.1 | 33.0 | - | 13.4 | 2.2 | 122.8 |
| Turkmenistan | 6.1 | 23.8 | - | - | † | - | 29.9 | 6.3 | 20.0 | - | - | † | - | 26.3 |
| Ukraine | 12.5 | 44.6 | 42.7 | 20.4 | 2.4 | 0.1 | 122.7 | 12.2 | 40.5 | 42.6 | 18.8 | 3.1 | 0.3 | 117.5 |
| United Kingdom | 71.0 | 66.3 | 39.1 | 15.9 | 1.2 | 8.1 | 201.6 | 69.8 | 65.8 | 36.5 | 16.0 | 1.1 | 10.9 | 200.0 |
| Uzbekistan | 3.3 | 42.2 | 1.2 | - | 2.3 | - | 48.9 | 3.3 | 40.7 | 1.2 | - | 2.6 | - | 47.8 |
| Other Europe & Eurasia | 32.0 | 14.5 | 21.6 | 1.8 | 19.9 | 1.7 | 91.4 | 32.5 | 13.4 | 21.8 | 1.7 | 23.0 | 1.8 | 94.3 |
| Total Europe & Eurasia | 884.2 | 974.3 | 524.3 | 266.7 | 191.2 | 101.8 | 2942.6 | 878.6 | 958.3 | 508.7 | 263.0 | 201.3 | 115.5 | 2925.3 |
| Iran | 89.5 | 145.4 | 0.7 | 0.3 | 2.7 | 0.1 | 238.8 | 92.9 | 146.0 | 0.7 | 0.9 | 3.4 | 0.1 | 243.9 |
| Israel | 13.6 | 2.3 | 8.8 | - | † | 0.1 | 24.8 | 10.6 | 6.2 | 7.3 | - | † | 0.1 | 24.2 |
| Kuwait | 21.6 | 16.3 | - | - | - | - | 38.0 | 21.8 | 16.0 | - | - | - | - | 37.8 |
| Qatar | 8.0 | 21.1 | - | - | - | - | 29.1 | 8.5 | 23.3 | - | - | - | - | 31.8 |
| Saudi Arabia | 131.3 | 89.4 | - | - | - | - | 220.6 | 135.0 | 92.7 | - | - | - | - | 227.7 |
| United Arab Emirates | 34.3 | 59.0 | - | - | - | † | 93.3 | 35.6 | 61.5 | - | - | - | † | 97.1 |
| Other Middle East | 79.5 | 38.0 | 0.2 | - | 2.1 | † | 119.9 | 80.5 | 39.9 | 0.2 | - | 2.3 | † | 122.9 |
| Total Middle East | 377.7 | 371.6 | 9.7 | 0.3 | 4.9 | 0.2 | 764.4 | 384.8 | 385.5 | 8.2 | 0.9 | 5.7 | 0.2 | 785.3 |
| Algeria | 16.7 | 27.9 | - | - | 0.1 | 0.1 | 44.8 | 17.5 | 29.1 | - | - | † | 0.1 | 46.6 |
| Egypt | 35.2 | 47.3 | 1.4 | - | 3.2 | 0.4 | 87.6 | 35.7 | 46.3 | 1.5 | - | 2.9 | 0.4 | 86.8 |
| South Africa | 27.3 | 3.6 | 88.5 | 2.8 | 0.3 | 0.1 | 122.6 | 27.2 | 3.5 | 88.2 | 3.1 | 0.3 | 0.1 | 122.4 |
| Other Africa | 86.8 | 31.8 | 6.0 | - | 21.9 | 0.9 | 147.5 | 90.5 | 32.1 | 5.9 | - | 22.5 | 1.2 | 152.3 |
| Total Africa | 166.1 | 110.7 | 95.9 | 2.8 | 25.5 | 1.4 | 402.4 | 170.9 | 111.0 | 95.6 | 3.1 | 25.7 | 1.7 | 408.1 |
| Australia | 47.3 | 16.7 | 47.3 | - | 3.9 | 2.8 | 118.0 | 47.0 | 16.1 | 45.0 | - | 4.5 | 3.4 | 116.0 |
| Bangladesh | 5.8 | 19.0 | 1.0 | - | 0.2 | † | 26.0 | 5.7 | 19.7 | 1.0 | - | 0.2 | † | 26.7 |
| China | 490.1 | 131.7 | 1856.4 | 22.0 | 197.3 | 33.5 | 2731.1 | 507.4 | 145.5 | 1925.3 | 25.0 | 206.3 | 42.9 | 2852.4 |
| China Hong Kong SAR | 17.3 | 2.5 | 7.3 | - | - | † | 27.2 | 17.7 | 2.4 | 7.8 | - | - | † | 27.9 |
| India | 173.6 | 52.9 | 302.3 | 7.5 | 26.2 | 10.9 | 573.3 | 175.2 | 46.3 | 324.3 | 7.5 | 29.8 | 11.7 | 595.0 |
| Indonesia | 73.2 | 32.2 | 50.4 | - | 2.9 | 2.2 | 161.0 | 73.8 | 34.6 | 54.4 | - | 3.5 | 2.3 | 168.7 |
| Japan | 217.8 | 105.3 | 124.4 | 4.1 | 18.3 | 8.2 | 478.0 | 208.9 | 105.2 | 128.6 | 3.3 | 18.6 | 9.4 | 474.0 |
| Malaysia | 30.7 | 31.2 | 15.9 | - | 2.1 | 0.3 | 80.2 | 31.2 | 30.6 | 17.0 | - | 2.1 | 0.3 | 81.1 |
| New Zealand | 7.0 | 3.8 | 1.7 | - | 5.2 | 2.0 | 19.7 | 7.1 | 4.0 | 1.5 | - | 5.2 | 2.0 | 19.8 |
| Pakistan | 20.0 | 37.1 | 4.3 | 1.3 | 6.4 | † | 69.1 | 22.0 | 34.7 | 4.4 | 1.1 | 7.4 | † | 69.6 |
| Philippines | 13.0 | 3.3 | 9.4 | - | 2.3 | 2.4 | 30.4 | 13.7 | 3.0 | 10.5 | - | 2.2 | 2.4 | 31.8 |
| Singapore | 65.4 | 8.5 | - | - | 0.3 | 74.1 | 65.9 | 65.9 | 9.5 | - | - | - | 0.3 | 75.7 |
| South Korea | 108.8 | 45.2 | 81.0 | 34.0 | 1.1 | 0.8 | 270.9 | 108.4 | 47.3 | 81.9 | 31.4 | 1.3 | 1.0 | 271.3 |
| Taiwan | 41.9 | 14.7 | 41.1 | 9.1 | 1.2 | 1.2 | 109.2 | 43.4 | 14.7 | 41.0 | 9.4 | 1.2 | 1.2 | 110.9 |
| Thailand | 49.6 | 46.1 | 16.8 | - | 2.0 | 0.9 | 115.3 | 50.4 | 47.0 | 16.0 | - | 1.3 | 1.0 | 115.6 |
| Vietnam | 17.2 | 8.4 | 14.9 | - | 11.9 | † | 52.5 | 17.4 | 8.8 | 15.9 | - | 12.2 | † | 54.4 |
| Other Asia Pacific | 19.5 | 5.9 | 21.6 | - | 10.4 | 0.1 | 57.6 | 19.6 | 6.0 | 22.1 | - | 12.8 | 0.1 | 60.7 |
| Total Asia Pacific | 1398.1 | 564.4 | 2595.7 | 78.1 | 291.5 | 65.7 | 4993.5 | 1415.0 | 575.2 | 2696.5 | 77.8 | 308.7 | 78.2 | 5151.5 |
| Total World | 4138.9 | 2986.3 | 3723.7 | 559.9 | 833.6 | 240.8 | 12483.2 | 4185.1 | 3020.4 | 3826.7 | 563.2 | 855.8 | 279.3 | 12730.4 |
| of which: OECD | 2072.9 | 1423.1 | 1055.2 | 444.5 | 316.6 | 172.1 | 5484.4 | 2059.9 | 1444.4 | 1066.9 | 447.0 | 319.3 | 195.6 | 5533.1 |
| Non-OECD | 2066.0 | 1563.1 | 2668.5 | 115.4 | 517.0 | 68.7 | | | | | | | | |

World consumption

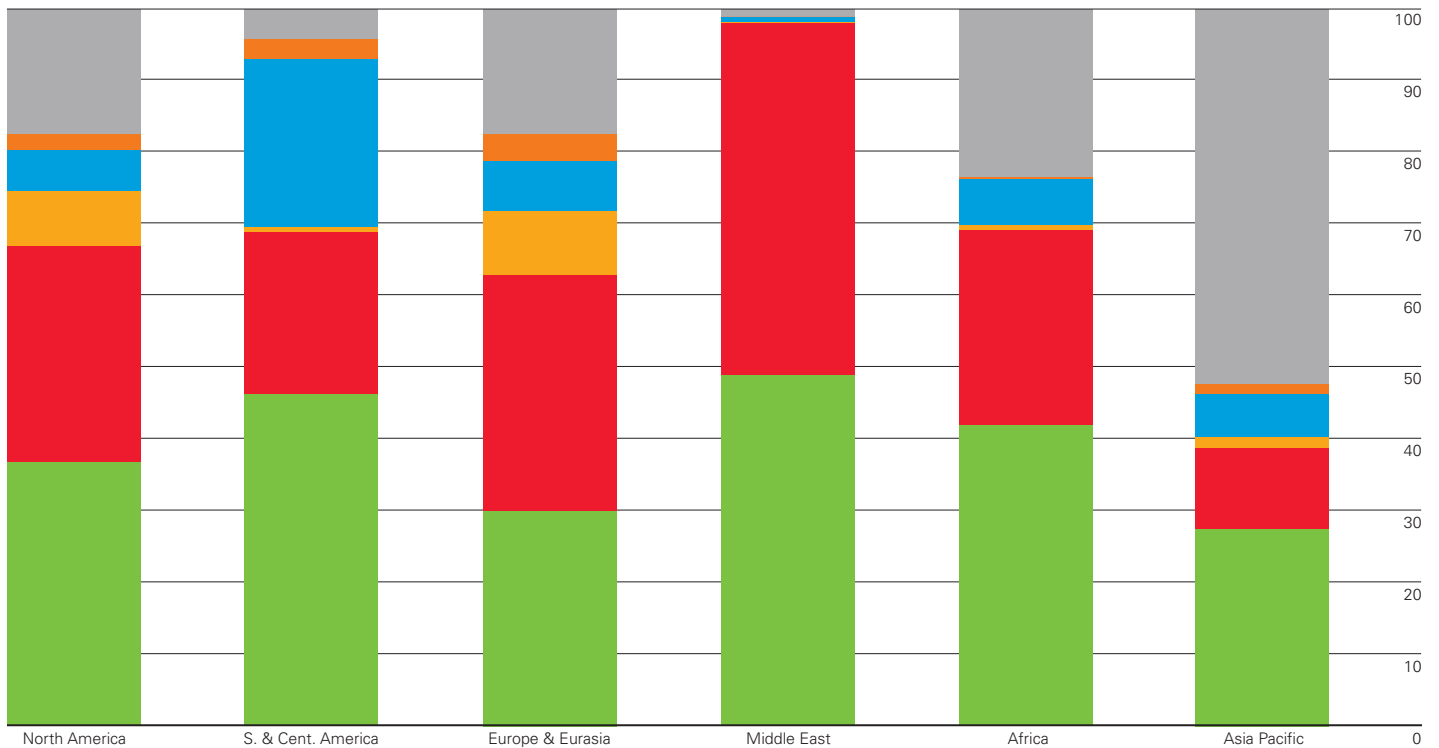
Million tonnes oil equivalent



World primary energy consumption grew by a below-average 2.3% in 2013, a third consecutive below-average increase. Growth was below average in all regions except North America. All fuels except oil, nuclear and renewables grew at below-average rates. Oil remains the world's dominant fuel, but has lost market share for 14 years in a row. Hydroelectric and other renewables in power generation both reached record shares of global primary energy consumption (6.7% and 2.2%, respectively).

Regional consumption pattern 2013

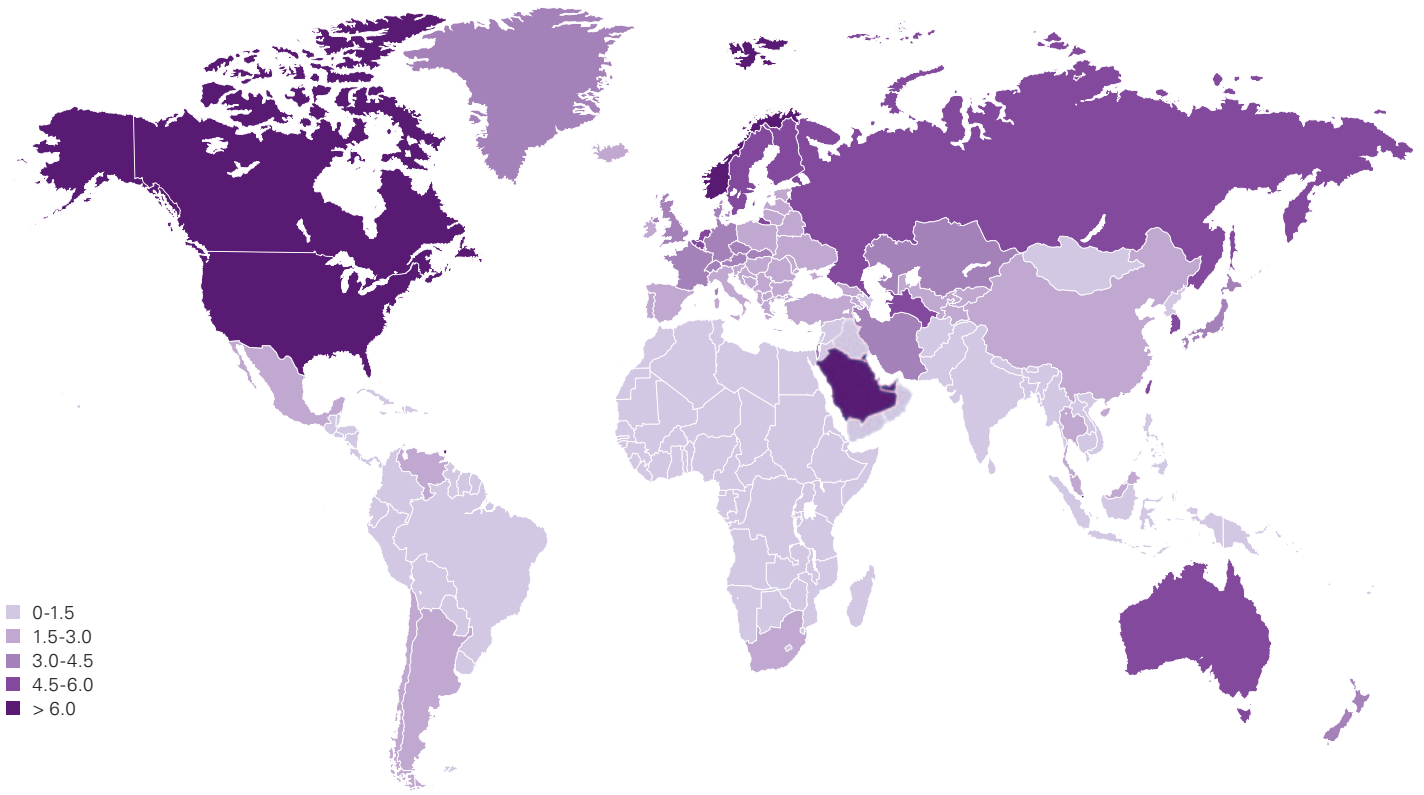
Percentage



The Asia Pacific region once again accounted for the largest increment to global primary energy consumption and continues to account for the largest share (40.5% of the global total). The region accounted for over 70% of global coal consumption for the first time in 2013, and coal remains the region's dominant fuel. Oil is the dominant fuel in all other regions except Europe & Eurasia and the Middle East where gas is dominant. In the Middle East, gas surpassed oil as the dominant fuel in 2013.

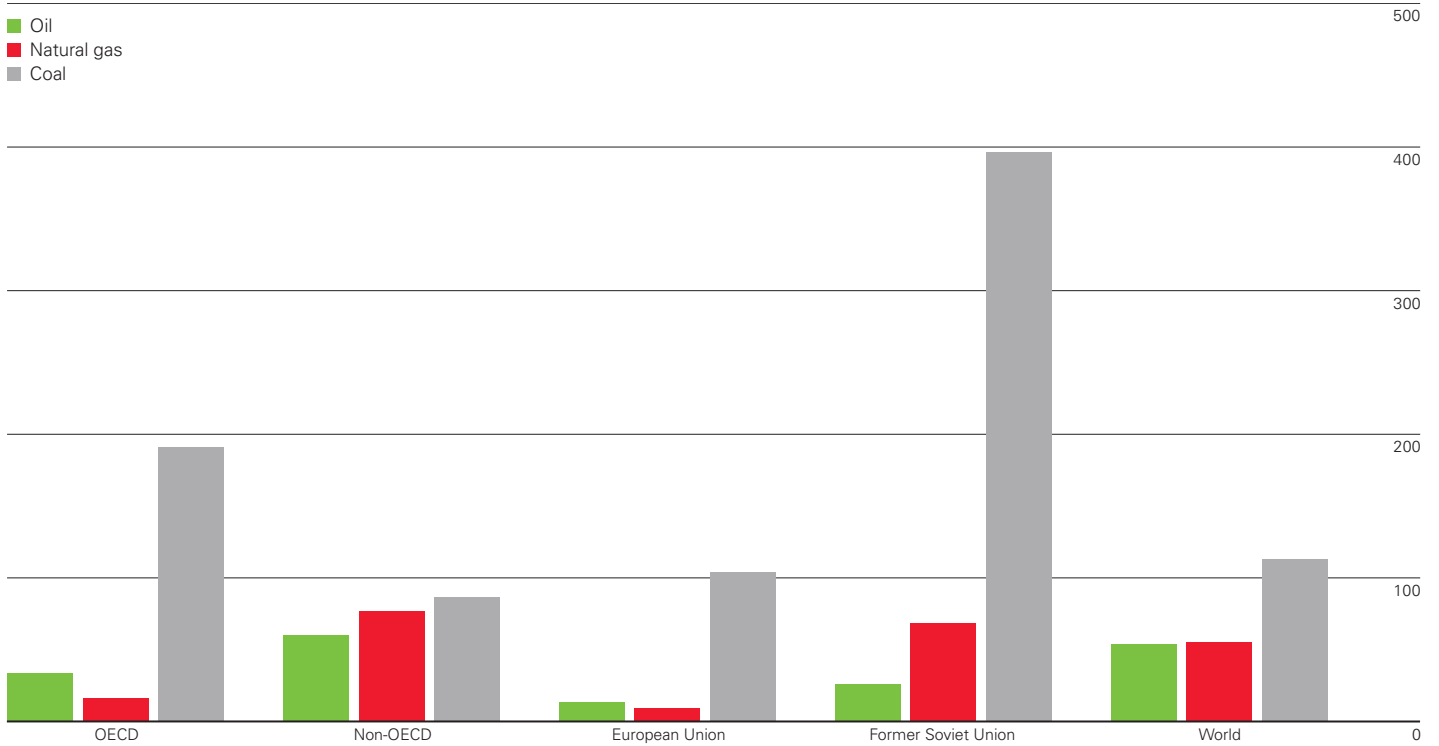
Consumption per capita 2013

Tonnes oil equivalent



Fossil fuel reserves-to-production (R/P) ratios at end 2013

Years



Coal remains – by far – the most abundant fossil fuel by R/P ratio. Non-OECD countries hold the majority of proved reserves for all fossil fuels, and the highest R/P ratios for oil and natural gas. By region, the Middle East holds the largest reserves for oil and natural gas, and the highest R/P ratio for natural gas; South and Central America hold the highest R/P ratio for oil. Europe & Eurasia holds the largest coal reserves, and the highest R/P ratio.

Appendices

Approximate conversion factors

Crude oil*

| From | To | | | | |
|-----------------|--------------------|------------|---------|------------|-----------------|
| | 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 per day | – | – | – | – | 49.8 |

*Based on worldwide average gravity.

Products

| | To convert | | | |
|-------------------------------|--------------------|-------------------|----------------------|----------------------|
| | barrels to tonnes | tonnes to barrels | kilolitres to tonnes | tonnes to kilolitres |
| | Multiply by | | | |
| Liquefied petroleum gas (LPG) | 0.086 | 11.6 | 0.542 | 1.844 |
| Gasoline | 0.118 | 8.5 | 0.740 | 1.351 |
| Kerosene | 0.128 | 7.8 | 0.806 | 1.240 |
| Gas oil/diesel | 0.133 | 7.5 | 0.839 | 1.192 |
| Residual fuel oil | 0.149 | 6.7 | 0.939 | 1.065 |
| Product basket | 0.125 | 8.0 | 0.786 | 1.272 |

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

| From | To | | | | | |
|----------------------------------|-------------------------|-----------------------|-------------------------------|--------------------|--------------------------------|--------------------------------|
| | billion cubic metres NG | billion cubic feet NG | million tonnes oil equivalent | million tonnes LNG | trillion British thermal units | million barrels oil equivalent |
| | Multiply by | | | | | |
| 1 billion cubic metres NG | 1 | 35.3 | 0.90 | 0.74 | 35.7 | 6.60 |
| 1 billion cubic feet NG | 0.028 | 1 | 0.025 | 0.021 | 1.01 | 0.19 |
| 1 million tonnes oil equivalent | 1.11 | 39.2 | 1 | 0.82 | 39.7 | 7.33 |
| 1 million tonnes LNG | 1.36 | 48.0 | 1.22 | 1 | 48.6 | 8.97 |
| 1 trillion British thermal units | 0.028 | 0.99 | 0.025 | 0.021 | 1 | 0.18 |
| 1 million barrels oil equivalent | 0.15 | 5.35 | 0.14 | 0.11 | 5.41 | 1 |

Definitions

Statistics published in this review are taken from government sources and published data. No use is made of confidential information obtained by BP in the course of its business.

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

North America

US (excluding Puerto Rico), Canada, Mexico.

South & Central America

Caribbean (including Puerto Rico), Central and South America.

Europe

European members of the OECD plus Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Former Yugoslav Republic of Macedonia, Gibraltar, Malta, Romania, Serbia and Montenegro.

Former Soviet Union

Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russian Federation, Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

Europe & Eurasia

All countries listed above under the headings Europe and Former Soviet Union.

Middle East

Arabian Peninsula, Iran, Iraq, Israel, Jordan, Lebanon, Syria.

North Africa

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

West Africa

Territories on the west coast of Africa from Mauritania to Angola, including Cape Verde, Chad.

East and Southern Africa

Territories on the east coast of Africa from Sudan to Republic of South Africa. Also Botswana, Madagascar, Malawi, Namibia, Uganda, Zambia, Zimbabwe.

Asia Pacific

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

*Special Administrative Region.

Australasia

Australia, New Zealand.

OECD members

Europe: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Republic of Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK.

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

OPEC members

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

North Africa: Algeria, Libya.

West Africa: Angola, Nigeria.

South America: Ecuador, Venezuela.

Units

| | |
|------------------------------|---------------------|
| 1 metric tonne | = 2204.62lb |
| | = 1.1023 short tons |
| 1 kilolitre | = 6.2898 barrels |
| | = 1 cubic metre |
| 1 kilocalorie (kcal) | = 4.187kJ |
| | = 3.968Btu |
| 1 kilojoule (kJ) | = 0.239kcal |
| | = 0.948Btu |
| 1 British thermal unit (Btu) | = 0.252kcal |
| | = 1.055kJ |
| 1 kilowatt-hour (kWh) | = 860kcal |
| | = 3600kJ |
| | = 3412Btu |

Calorific equivalents

One tonne of oil equivalent equals approximately:

| | |
|----------------------|---|
| Heat units | 10 million kilocalories |
| | 42 gigajoules |
| | 40 million British thermal units |
| Solid fuels | 1.5 tonnes of hard coal |
| | 3 tonnes of lignite |
| Gaseous fuels | See Natural gas and liquefied natural gas table |
| Electricity | 12 megawatt-hours |

One million tonnes of oil or oil equivalent produces about 4400 gigawatt-hours (= 4.4 terawatt-hours) of electricity in a modern power station.

1 barrel of ethanol = 0.57 barrel of oil
1 barrel of biodiesel = 0.88 barrel of oil

European Union members

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

Non-OECD

All countries that are not members of the OECD.

Methodology

The primary energy values of nuclear and hydroelectric power generation, as well as electricity from renewable sources, have been derived by calculating the equivalent amount of fossil fuel required to generate the same volume of electricity in a thermal power station, assuming a conversion efficiency of 38% (the average for OECD thermal power generation).

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.

Percentages

Calculated before rounding of actuals. All annual changes and shares of totals are on a weight basis except on pages 6, 13, 16, 18 and 20.

Rounding differences

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

Tonnes

Metric equivalent of tons.

More information

Questions on data

BP regrets it is unable to deal with enquiries about the data in *BP Statistical Review of World Energy 2014*.

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