BP Statistical Review of World Energy June 2016

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65th edition

About this review

For 65 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.

Online tools and resources

Key information

All the tables and charts found in the latest printed edition are available at *bp.com/statisticalreview* plus a number of extras, including:

- Historical data from 1965 for many sections.
- Additional data for refined oil production demand, natural gas, coal, hydroelectricity, nuclear energy, electricity, renewables and CO_2 emissions.
- PDF versions and PowerPoint slide packs of the charts, maps and graphs, plus an Excel workbook of the data.
- Regional and country factsheets.
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Group chief executive's introduction

Energy in 2015 – slow demand growth amid plentiful supply.

Welcome to the *BP Statistical Review of World Energy*. This is the 65th edition of the Statistical Review, an important milestone for a publication that has traced developments in global energy markets since 1951, a year when coal provided more than half of the world's energy and the price of oil was around $16 (in today's money). Remarkably, the share of oil in global energy then was almost identical to its share today, at a little over 30%.

We believe the BP Statistical Review contributes to the world's understanding of energy markets by providing timely and objective data to help inform discussions, debates and decision-making. Its annual data helps us better interpret the swings and fluctuations that we are living through, and the historical data provide an important context for gauging where we may be heading next.

This year's edition records the data for 2015, a year in which significant long-term trends in both the global demand and supply of energy came to the fore.

On the demand side, we are seeing a gradual deceleration in global energy consumption as the huge boost from globalization and Chinese industrialization slowly subsides. That slowing was compounded last year by continuing weakness in the global economy. As a result, global primary energy consumption grew by just 1.0% in 2015, similar to the rate of growth seen in 2014, but much slower than the average seen over the past decade. Much of this weakness was driven by China, where energy consumption grew at its slowest rate in almost 20 years. Even so, China remained the world's largest growth market for energy for a fifteenth consecutive year.

The supply of energy in recent years has been driven by different factors, notably technological advances that have increased the range and availability of different fuels. The US shale revolution has unlocked huge swathes of oil and gas resources. And rapid technological gains have supported strong growth in renewable energy, led by wind and solar power. These advances meant that, despite the weakness of energy demand, oil, natural gas and renewable energy all recorded solid growth in 2015. Their gain was at the expense of coal, which saw its largest fall on record, taking its share within primary energy to its lowest level since 2005.

As we know, the contrasting trends in the demand and supply of energy had major effects on energy prices, with oil, gas and coal prices all falling sharply last year. These price declines played a key role in prompting adjustments in energy markets: boosting demand in some markets, most notably oil; curtailing supply and shifting the fuel mix in others. The extent of this adjustment bodes well for the future stability of our industry.

The combination of slow demand growth and a shift in the fuel mix away from coal towards natural gas and renewable energy had important implications for carbon emissions. In particular, carbon emissions from energy consumption are estimated to have been essentially flat in 2015, the lowest growth in emissions in nearly a quarter of a century, other than in the immediate aftermath of the financial crisis. Last year was of course significant for the UN-led COP21 meetings in Paris and the historic agreement to tackle climate change. BP supports those aims and is committed to playing its part in helping to achieve them. The stalling in the growth of carbon emissions in 2015 is a step in the right direction. But it is only a small step: the scale of the challenge remains substantial, requiring major shifts in both energy efficiency and the fuel mix.

Our industry is living through a period of profound change. But that is nothing new: the past 65 years have seen huge changes to the global energy landscape. Our task as an industry is to take the steps necessary to provide the energy to meet the world's growing demand and ensure our sector remains resilient to the many factors that may buffet us in the near term. We must continue to invest in energy, in all its forms, to meet future needs. That is no easy task and requires fine judgements – judgements that can be more confidently made when based on the kind of solid data and analysis provided by the Statistical Review. The need for BP's Statistical Review over the next 65 years is likely to be just as great as in the past.

Let me conclude by thanking BP's economics team and all those who helped us prepare this review – in particular those in the governments of many countries around the world who have contributed their official data again this year. Thank you for your continuing cooperation and transparency.

Bob Dudley
Group chief executive
June 2016

2015 in review

Growth in global primary energy consumption remained low in 2015; and the fuel mix shifted away from coal towards lower-carbon fuels.

The six-level Puxi Viaduct in Shanghai is one of city's busiest interchanges and is used by thousands of vehicles every hour.

In the UK the National Grid supplies electricity using about 7,200km of power cable line and 690km of underground cable.

Global primary energy consumption increased by just 1.0% in 2015, similar to the below-average growth recorded in 2014 (+1.1%) and well below its 10-year average of 1.9%. Other than the recession of 2009, this represented the lowest global growth since 1998. Consumption growth was below the 10-year average for all regions except Europe & Eurasia; emerging economies accounted for 97% of the increase in global consumption. OECD consumption experienced a small increase, with growth in Europe offsetting declines in the US and Japan. Chinese consumption slowed further, but still recorded the world's largest increment in primary energy consumption for the fifteenth consecutive year. Russia recorded the largest volumetric decline in primary energy consumption. By fuel, only oil and nuclear power grew at above-average rates, with oil gaining global market share for the first time since 1999. Renewables in power generation continued to grow robustly, to nearly 3% of global primary energy consumption, while coal consumption recorded the largest percentage decline on record. Global CO_2 emissions from energy are estimated to have been essentially flat.

Prices for all fossil fuels fell in 2015 for all regions. Crude oil prices recorded the largest decline on record in dollar terms, and the largest percentage decline since 1986. The annual average price for Brent, the international crude oil benchmark, declined by 47%, reflecting a growing imbalance between global production and consumption. The differential between Brent and the US benchmark West Texas Intermediate (WTI) narrowed to its smallest level since 2010. Natural gas prices fell in all regions, with the largest percentage declines in North America; the US benchmark Henry Hub fell to its lowest level since 1999. Coal prices around the world fell for the fourth consecutive year.

Energy developments

Oil remained the world's leading fuel, accounting for 32.9% of global energy consumption. Although emerging economies continued to dominate the growth in global energy consumption, growth in these countries (+1.6%) was well below its 10-year average of 3.8%.

Emerging economies now account for 58.1% of global energy consumption. Chinese consumption growth slowed to just 1.5%, while India (+5.2%) recorded another robust increase in consumption. OECD consumption increased slightly (+0.1%), compared with an average annual decline of 0.3% over the past decade. A rare increase in EU consumption (+1.6%) more than offset declines in the US (-0.9%) and Japan (-1.2%), where consumption fell to the lowest level since 1991.

+1.0%

Growth of global primary energy consumption, well below the 10-year average of 1.9%.

+1.5%

Growth of Chinese primary energy consumption, the world's largest increment.

Oil

+1.9mb/d
Growth of global oil consumption.

32.9%
Oil's share of global energy consumption, the first increase since 1999.

Expanded coverage

Country coverage of refinery throughput and capacity has been expanded. The oil trade tables now break out China and Russia and provide the split of crude oil and oil products for inter-area movements.

Prices

Dated Brent averaged $52.39 per barrel in 2015, a decline of $46.56 per barrel from the 2014 level and the lowest annual average since 2004. Crude oil prices rose in early 2015 as global consumption rebounded and US production began to register month-on-month declines. But strong growth in OPEC production, particularly in Iraq and Saudi Arabia, caused prices to fall sharply later in the year. The Brent – WTI differential narrowed for a third consecutive year, to $3.68 per barrel.

Consumption and production

Global oil consumption grew by 1.9 million barrels per day (b/d), or 1.9% – nearly double the recent historical average (+1%) and significantly stronger than the increase of 1.1 million b/d seen in 2014. The relative strength of consumption was driven by the OECD countries, where consumption increased by 510,000 b/d (+1.1%), compared with an average decline of 1.1% over the past decade. Growth was well above recent historical averages in the US (+1.6%, or 290,000 b/d) and the EU (+1.5%, or 200,000 b/d), while Japan (-3.9%, or -160,000 b/d) recorded the largest decline in oil consumption. Outside of the OECD, net oil importing countries recorded significant increases: China (+6.3%, or +770,000 b/d) once again accounted for the largest increment to demand, while India (+8.1%, or 310,000 b/d) surpassed Japan as the world's third-largest oil consumer. But this was offset by slower growth in oil producers, such that oil demand growth in the non-OECD as a whole (+2.6%, or 1.4 million b/d) was below its recent historical average.

Global oil production increased even more rapidly than consumption for a second consecutive year, rising by 2.8 million b/d or 3.2%, the strongest growth since 2004. Production in Iraq (+750,000 b/d) and Saudi Arabia (+510,000 b/d) rose to record levels, driving an increase in OPEC production of 1.6 million b/d to 38.2 million b/d, exceeding the previous record reached in 2012. Production outside OPEC slowed from last year's record growth but still grew by 1.3 million b/d. The US (+1 million b/d) had the world's largest annual growth increment and remained the world's largest oil producer. Elsewhere, production growth in Brazil (+180,000 b/d), Russia (+140,000 b/d), the UK and Canada (+110,000 b/d each) was offset by declines in Mexico (-200,000 b/d, the world's largest decline), Yemen (-100,000 b/d) and elsewhere.

Refining and trade

Global crude runs rose by 1.8 million b/d (+2.3%), more than triple their 10-year average growth, despite declines in South & Central America, Africa and Russia. Strong refining margins lifted crude runs by 1 million b/d in the OECD, with growth in Europe (+740,000 b/d) the highest since 1986. In contrast, global refining capacity grew by only 450,000 b/d, the smallest increase in 23 years. Delayed expansion in China, combined with closures in Taiwan and Australia, resulted in a fall in Asian capacity for the first time since 1988. Global refinery utilization rose by 1 percentage point to 82.1%, the fastest increase in five years.

After barely growing in 2014, global trade of crude oil and refined products expanded by 3 million b/d (+5.2%) last year, the largest increase since 1993. Crude oil trade was lifted by growing exports from the Middle East (+550,000 b/d), while Europe and China accounted for the largest increases in imports (+770,000 b/d and +530,000 b/d respectively). Growth in refined product exports was again led by the US (+470,000 b/d); the country's net oil imports fell to 4.8 million b/d, the lowest since 1985.

The storage tanks, pipes and towers at BP's Rotterdam refinery.

The Valhall platform complex in the Norwegian North Sea, Norway.

Natural gas
Coal

+5.4%
Growth of US gas production, the world's largest increment.

-1.8%
Decline in global coal consumption, the largest on record.

Gas

Consumption and production

World natural gas consumption grew by 1.7% in 2015, a significant increase from the very weak growth (+0.6%) seen in 2014 but still below the 10-year average of 2.3%. As with oil, consumption growth was below average outside the OECD (+1.9%, accounting for 53.5% of global consumption) but above average in the OECD countries (+1.5%). Among emerging economies, Iran (+6.2%) and China (+4.7%) recorded the largest increments to consumption, even though growth in China was sluggish compared with a 10-year average growth of 15.1%. Meanwhile, Russia (-5%) recorded the largest volumetric decline, followed by the Ukraine (-21.8%). Among OECD countries, the US (+3%) accounted for the largest growth increment, while EU consumption (+4.6%) rebounded after a large decline in 2014. Globally, natural gas accounted for 23.8% of primary energy consumption.

Global natural gas production grew by 2.2%, more rapidly than consumption but below its 10-year average of 2.4%. As with consumption, the US (+5.4%) recorded the largest growth increment, with Iran (+5.7%) and Norway (+7.7%) also recording significant increases in production. Growth was above average in North America, Africa, and Asia Pacific. EU production once again fell sharply (-8%), with the Netherlands (-22.8%) recording the world's largest decline. Large volumetric declines were also seen in Russia (-1.5%) and Yemen (-71.5%).

Trade

Global natural gas trade rebounded in 2015, rising by 3.3%. Pipeline shipments increased by 4%, driven by growth in net pipeline exports from Russia (+7.7%) and Norway (+7%). The largest volumetric increases in net pipeline imports were in Mexico (+44.9%) and France (+28.8%). Global LNG trade increased by 1.8%. Export growth was led by Australia (+25.3%) and Papua New Guinea (+104.8%), offsetting declines in shipments from Yemen (-77.2%). Higher net LNG imports for Europe (+15.9%) and rising Middle Eastern imports (+93.8%) were partly offset by declines in net imports in South Korea (-10.4%) and Japan (-4%). International natural gas trade accounted for 30.1% of global consumption; the pipeline share of global gas trade rose to 67.5%.

Coal

Global coal consumption fell by 1.8% in 2015, well below the 10-year average annual growth of 2.1% and the largest percentage (and volumetric) decline in our data set. All of the net decline was accounted for by the US (-12.7%, the world's largest volumetric decline) and China (-1.5%), partially offset by modest increases in India (+4.8%) and Indonesia (+15%). Global coal production fell by 4%, with large declines in the US (-10.4%), Indonesia (-14.4%), and China (-2%). Coal's share of global primary energy consumption fell to 29.2%, the lowest share since 2005.

▼ A coal digger extracting coal at a mine.

▲ A gas rig at BP's Alice well site near Durango, Colorado.

Other fuels

Sugar cane reception, preparation and juice extraction facilities at BP Biofuels' Ituiutaba plant in Brazil.

Wind turbines at the Goshen wind farm in Idaho Falls, Idaho.

+213 terawatt-hours
Growth in renewable power generation, the largest increment on record.

+0.1%
Increase in global CO_2 emissions from fossil fuel use.

In detail

Additional information – including historical time series for the fuels reported in this review; further detail on renewable forms of energy; oil consumption by product; electricity generation; and CO_2 emissions from energy use – is available at *bp.com/statisticalreview*

Nuclear and hydroelectric

Global nuclear output grew by 1.3%, with China (+28.9%) accounting for virtually all of the increase. China has passed South Korea to become the fourth-largest supplier of nuclear power. Elsewhere, increases in Russia (+8%) and South Korea (+5.3%) offset declines in Sweden (-12.6%) and Belgium (-22.6%). EU output (-2.2%) fell to the lowest level since 1992. Nuclear power accounted for 4.4% of global primary energy consumption.

Global hydroelectric output grew by a below average 1%, compared with a 10-year average of 3%. China (+5%) remains by far the world's largest producer of hydroelectricity; as with nuclear power, China accounted for all of the net global increase, even though growth in percentage terms was less than half the recent historical average. Elsewhere, growth in Turkey (+64.6%, following a very weak 2014) and Scandinavia was offset by drought conditions in Italy, Spain and Portugal (-28.6% combined) and Brazil (-3.3%). Hydroelectric output accounted for 6.8% of global primary energy consumption.

Renewables

Renewable energy sources in power generation continued to increase in 2015, reaching 2.8% of global energy consumption, up from 0.8% a decade ago.

Renewable energy used in power generation grew by 15.2%, slightly below the 10-year average growth of 15.9% but a record increment (+213 terawatt-hours), which was roughly equal to all of the increase in global power generation. Renewables accounted for 6.7% of global power generation. China (+20.9%) and Germany (+23.5%) recorded the largest increments in renewables in power generation. Globally, wind energy (+17.4%) remains the largest source of renewable electricity (52.2% of renewable generation), with Germany (+53.4%) recording the largest growth increment. Solar power generation grew by 32.6%, with China (+69.7%), the US (+41.8%) and Japan (+58.6%) accounting for the largest increases. China overtook Germany and the US to become the world's top generator of solar energy. Global biofuels production grew by just 0.9%, well below the 10-year average of 14.3%: Brazil (+6.8%) and the US (+2.9%) accounted for essentially all of the net increase, partly offset by large declines in Indonesia (-46.9%) and Argentina (-23.9%).

Carbon dioxide emissions

Emissions of CO_2 from energy consumption increased by only 0.1% in 2015. Other than the recession of 2009, this represented the lowest growth rate since 1992. This encouraging outcome was driven by a combination of slightly slower energy consumption growth and a shift in the global fuel mix (with lower global coal consumption partly offset by growth in natural gas and non-fossil fuels). Emissions growth was below average in every region except Europe & Eurasia. The US (-2.6%) and Russia (-4.2%) accounted for the largest absolute declines in emissions, while India (+5.3%) saw the largest increase. Chinese emissions declined for the first time since 1998. This year's estimates on CO_2 emissions reflect a more detailed breakdown of fuel consumption by product type, as well as allowances for non-combusted hydrocarbons. See *bp.com/statisticalreview* for a detailed explanation of the revised methodology.

Acknowledgements
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Oil

Total proved reserves

	At end 1995 Thousand million barrels	At end 2005 Thousand million barrels	At end 2014 Thousand million barrels	At end 2015 Thousand million barrels	At end 2015 Thousand million tonnes	At end 2015 Share of total	At end 2015 R/P ratio
US	29.8	29.9	55.0	**55.0**	**6.6**	3.2%	11.9
Canada	48.4	180.0	172.2	**172.2**	**27.8**	10.1%	107.6
Mexico	48.8	13.7	10.8	**10.8**	**1.5**	0.6%	11.5
Total North America	126.9	223.6	238.0	**238.0**	**35.9**	14.0%	33.1
Argentina	2.4	2.2	2.4	**2.4**	**0.3**	0.1%	10.2
Brazil	6.2	11.8	16.2	**13.0**	**1.9**	0.8%	14.1
Colombia	3.0	1.5	2.4	**2.3**	**0.3**	0.1%	6.3
Ecuador	3.4	4.9	8.0	**8.0**	**1.2**	0.5%	40.4
Peru	0.8	1.1	1.4	**1.4**	**0.2**	0.1%	34.3
Trinidad & Tobago	0.7	0.8	0.8	**0.7**	**0.1**	◆	18.1
Venezuela	66.3	80.0	300.0	**300.9**	**47.0**	17.7%	313.9
Other S. & Cent. America	1.0	1.5	0.5	**0.5**	**0.1**	◆	9.9
Total S. & Cent. America	83.7	103.6	331.7	**329.2**	**51.0**	19.4%	117.0
Azerbaijan	1.2	7.0	7.0	**7.0**	**1.0**	0.4%	22.8
Denmark	0.9	1.3	0.6	**0.6**	**0.1**	◆	9.6
Italy	0.8	0.5	0.6	**0.6**	**0.1**	◆	14.7
Kazakhstan	5.3	9.0	30.0	**30.0**	**3.9**	1.8%	49.3
Norway	10.8	9.7	6.5	**8.0**	**1.0**	0.5%	11.3
Romania	1.0	0.5	0.6	**0.6**	**0.1**	◆	19.5
Russian Federation	113.6	104.4	103.2	**102.4**	**14.0**	6.0%	25.5
Turkmenistan	0.5	0.5	0.6	**0.6**	**0.1**	◆	6.3
United Kingdom	4.5	3.9	2.8	**2.8**	**0.4**	0.2%	8.0
Uzbekistan	0.3	0.6	0.6	**0.6**	**0.1**	◆	25.3
Other Europe & Eurasia	2.2	2.2	2.1	**2.1**	**0.3**	0.1%	15.0
Total Europe & Eurasia	141.2	139.5	154.6	**155.2**	**21.0**	9.1%	24.4
Iran	93.7	137.5	157.8	**157.8**	**21.7**	9.3%	110.3
Iraq	100.0	115.0	143.1	**143.1**	**19.3**	8.4%	97.2
Kuwait	96.5	101.5	101.5	**101.5**	**14.0**	6.0%	89.8
Oman	5.2	5.6	5.2	**5.3**	**0.7**	0.3%	15.3
Qatar	3.7	27.9	25.7	**25.7**	**2.7**	1.5%	37.1
Saudi Arabia	261.5	264.2	267.0	**266.6**	**36.6**	15.7%	60.8
Syria	2.6	3.0	2.5	**2.5**	**0.3**	0.1%	253.7
United Arab Emirates	98.1	97.8	97.8	**97.8**	**13.0**	5.8%	68.7
Yemen	2.0	2.9	3.0	**3.0**	**0.4**	0.2%	176.5
Other Middle East	0.1	0.1	0.2	**0.2**	†	◆	2.8
Total Middle East	663.3	755.5	803.8	**803.5**	**108.7**	47.3%	73.1
Algeria	10.0	12.3	12.2	**12.2**	**1.5**	0.7%	21.1
Angola	3.1	9.0	12.7	**12.7**	**1.7**	0.7%	19.0
Chad	-	1.5	1.5	**1.5**	**0.2**	0.1%	52.4
Republic of Congo	1.3	1.5	1.6	**1.6**	**0.2**	0.1%	15.8
Egypt	3.8	3.7	3.7	**3.5**	**0.5**	0.2%	13.2
Equatorial Guinea	0.6	1.8	1.1	**1.1**	**0.1**	0.1%	10.4
Gabon	1.5	2.1	2.0	**2.0**	**0.3**	0.1%	23.5
Libya	29.5	41.5	48.4	**48.4**	**6.3**	2.8%	306.8
Nigeria	20.8	36.2	37.1	**37.1**	**5.0**	2.2%	43.2
South Sudan	n/a	n/a	3.5	**3.5**	**0.5**	0.2%	64.9
Sudan	0.3	0.6	1.5	**1.5**	**0.2**	0.1%	39.2
Tunisia	0.4	0.6	0.4	**0.4**	**0.1**	◆	18.6
Other Africa	0.7	0.5	3.7	**3.7**	**0.5**	0.2%	38.3
Total Africa	72.0	111.3	129.3	**129.1**	**17.1**	7.6%	42.2
Australia	3.8	3.7	4.0	**4.0**	**0.4**	0.2%	28.3
Brunei	1.1	1.1	1.1	**1.1**	**0.1**	0.1%	23.8
China	16.4	15.6	18.5	**18.5**	**2.5**	1.1%	11.7
India	5.5	5.9	5.7	**5.7**	**0.8**	0.3%	18.0
Indonesia	5.0	4.2	3.6	**3.6**	**0.5**	0.2%	12.0
Malaysia	5.2	5.3	3.6	**3.6**	**0.5**	0.2%	14.2
Thailand	0.3	0.5	0.4	**0.4**	†	◆	2.3
Vietnam	0.8	3.1	4.4	**4.4**	**0.6**	0.3%	33.3
Other Asia Pacific	1.1	1.4	1.3	**1.3**	**0.2**	0.1%	12.0
Total Asia Pacific	39.1	40.8	42.6	**42.6**	**5.7**	2.5%	14.0
Total World	**1126.2**	**1374.4**	**1700.0**	**1697.6**	**239.4**	**100.0%**	**50.7**
of which: OECD	149.2	244.0	253.9	**255.3**	**38.0**	15.0%	29.7
Non-OECD	976.9	1130.4	1446.1	**1442.3**	**201.3**	85.0%	58.0
OPEC	786.6	927.8	1211.1	**1211.6**	**169.9**	71.4%	86.8
Non-OPEC	339.6	446.6	488.9	**486.0**	**69.4**	28.6%	24.9
European Union#	8.3	7.0	5.6	**5.6**	**0.7**	0.3%	10.1
CIS	121.5	122.2	141.9	**141.1**	**19.1**	8.3%	27.8
Canadian oil sands: Total	41.5	173.6	166.2	**166.2**	**27.0**		
of which: Under active development	3.6	10.2	24.4	**24.4**	**4.0**		
Venezuela: Orinoco Belt	–	–	221.7	**222.3**	**35.7**		

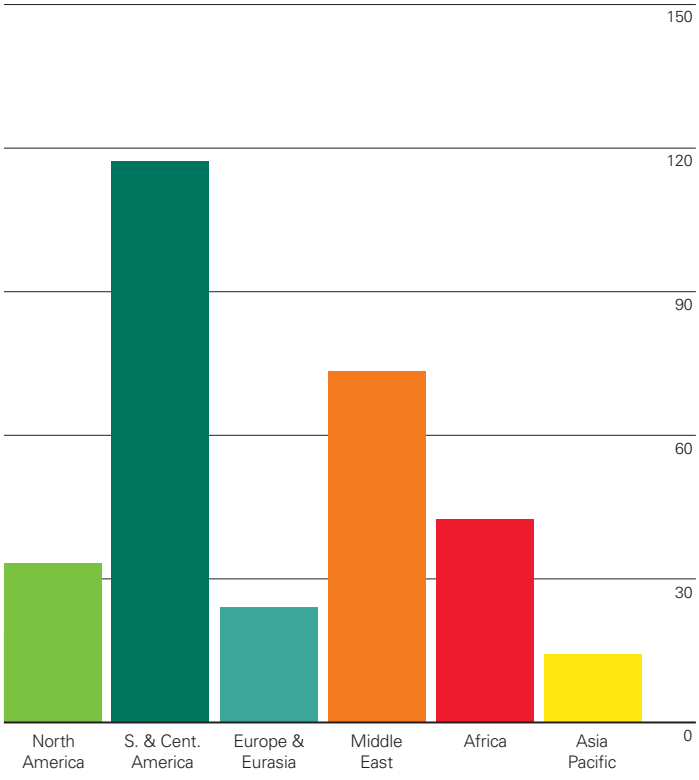
†Less than 0.05.
◆Less than 0.05%.
n/a not available.
#Excludes Estonia and Latvia in 2005.

Notes: Total 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. The data series for total proved oil does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.
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 independent estimates of Russian reserves based on official data 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.

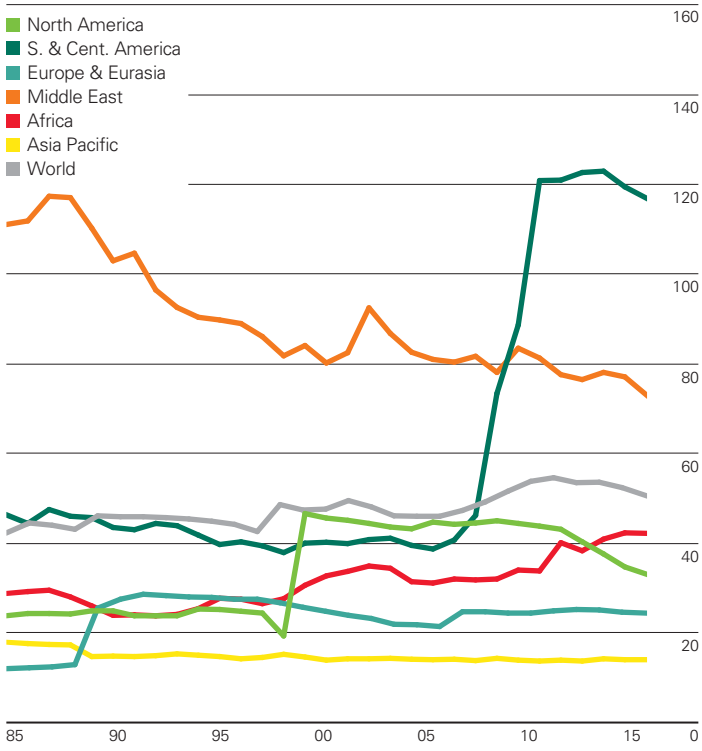
Reserves-to-production (R/P) ratios

Years

2015 by region



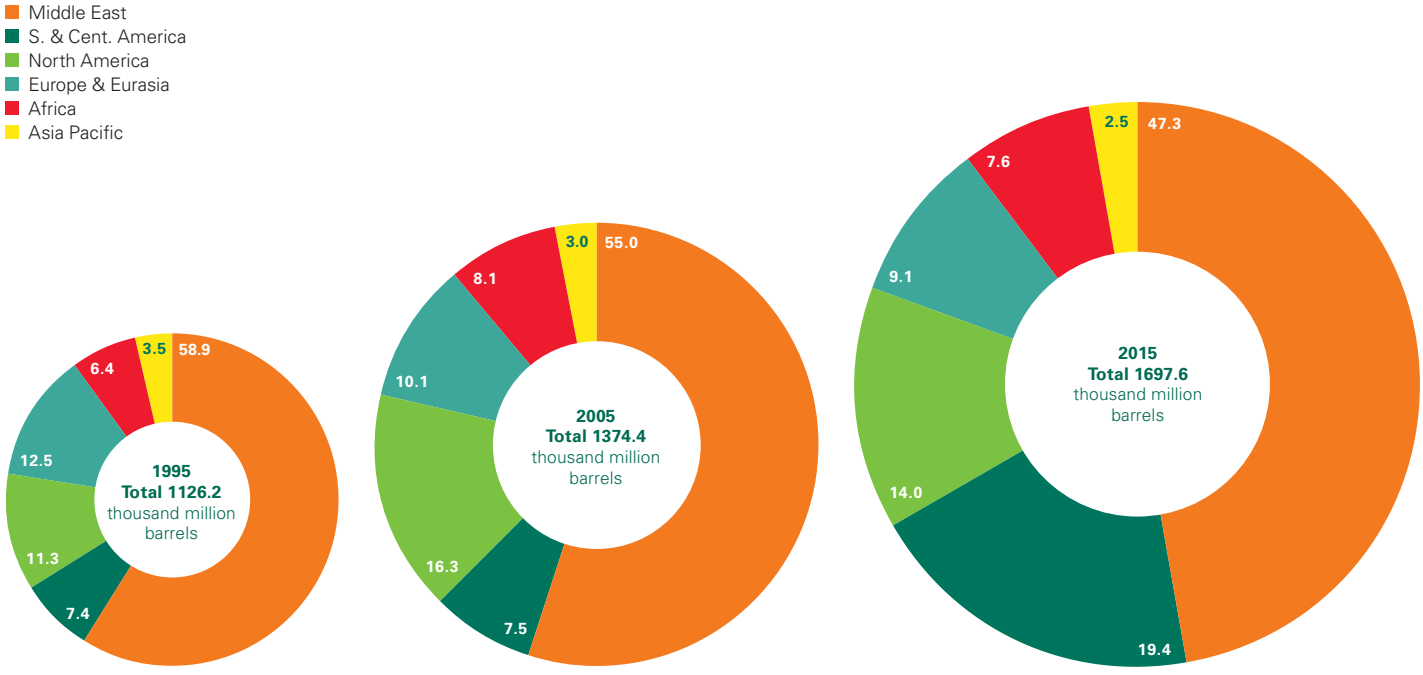
History



Global proved oil reserves in 2015 fell by 2.4 billion barrels (-0.1%) to 1697.6 billion barrels, just the second annual decline in our data set (along with 1998). Reserves have nonetheless increased by 24%, or 320 billion barrels, over the past decade; and are sufficient to meet 50.7 years of global production. Brazil recorded the largest decline, with proved reserves falling by 3.2 billion barrels, while Norwegian proved reserves grew by 1.5 billion barrels. OPEC countries continue to hold the largest share (71.4%) of global proved reserves. On a regional basis, South & Central American reserves have the highest R/P ratio, 117 years. Lags in reporting official data mean that 2015 figures for many countries are not yet available.

Distribution of proved reserves in 1995, 2005 and 2015

Percentage



Oil: Production in thousands of barrels per day*

Thousand barrels daily	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	6900	6826	6860	6785	7264	7550	7853	8883	10059	11723	**12704**	8.5%	13.0%
Canada	3041	3208	3290	3207	3202	3332	3515	3740	4000	4278	**4385**	2.8%	4.9%
Mexico	3767	3692	3481	3167	2980	2961	2942	2912	2876	2785	**2588**	-7.0%	2.9%
Total North America	13708	13726	13631	13159	13447	13843	14310	15535	16934	18786	**19676**	4.7%	20.9%
Argentina	839	838	798	772	716	704	649	652	643	636	**637**	0.1%	0.7%
Brazil	1713	1809	1833	1899	2029	2137	2193	2149	2114	2346	**2527**	7.9%	3.0%
Colombia	526	529	531	588	671	786	915	944	1004	990	**1008**	1.7%	1.2%
Ecuador	534	538	513	507	488	488	501	505	527	557	**543**	-2.4%	0.7%
Peru	92	97	96	99	107	113	109	110	112	124	**113**	-11.1%	0.1%
Trinidad & Tobago	170	177	154	152	150	147	139	118	118	116	**110**	-4.8%	0.1%
Venezuela	3308	3336	3230	3222	3033	2838	2758	2701	2678	2685	**2626**	-2.1%	3.1%
Other S. & Cent. America	146	140	139	138	129	134	137	143	148	151	**148**	-1.8%	0.2%
Total S. & Cent. America	7328	7463	7295	7376	7322	7348	7401	7322	7344	7605	**7712**	1.5%	9.1%
Azerbaijan	445	646	856	895	1014	1023	919	872	877	849	**841**	-1.0%	1.0%
Denmark	380	346	311	287	265	249	225	204	178	167	**158**	-5.4%	0.2%
Italy	127	120	122	108	95	106	110	112	116	121	**115**	-5.1%	0.1%
Kazakhstan	1294	1368	1413	1483	1609	1676	1684	1662	1720	1701	**1669**	-1.9%	1.8%
Norway	2961	2772	2551	2466	2349	2136	2040	1917	1838	1889	**1948**	3.2%	2.0%
Romania	114	105	100	99	94	90	89	83	86	84	**84**	-1.1%	0.1%
Russian Federation	9597	9818	10043	9950	10139	10366	10518	10639	10779	10838	**10980**	1.2%	12.4%
Turkmenistan	193	187	199	211	214	220	220	229	240	249	**261**	5.0%	0.3%
United Kingdom	1843	1666	1659	1555	1477	1361	1116	949	867	855	**965**	13.4%	1.0%
Uzbekistan	115	114	104	102	95	78	77	68	68	66	**64**	-3.1%	0.1%
Other Europe & Eurasia	454	445	442	420	409	394	394	390	397	388	**378**	-2.4%	0.4%
Total Europe & Eurasia	17523	17587	17800	17577	17760	17699	17390	17124	17166	17206	**17463**	1.4%	19.4%
Iran	4216	4290	4333	4361	4250	4420	4466	3814	3611	3736	**3920**	4.5%	4.2%
Iraq	1833	1999	2143	2428	2452	2490	2801	3116	3141	3285	**4031**	22.9%	4.5%
Kuwait	2668	2737	2661	2786	2500	2561	2915	3171	3134	3120	**3096**	-1.1%	3.4%
Oman	777	738	710	757	813	865	885	918	942	943	**952**	0.8%	1.1%
Qatar	1151	1241	1267	1438	1421	1638	1834	1931	1903	1893	**1898**	-0.4%	1.8%
Saudi Arabia	10931	10671	10268	10663	9663	10075	11144	11635	11393	11505	**12014**	4.6%	13.0%
Syria	448	421	404	406	401	385	353	171	59	33	**27**	-18.2%	◆
United Arab Emirates	2919	3098	3002	3027	2725	2895	3320	3403	3640	3685	**3902**	5.3%	4.0%
Yemen	421	387	341	315	307	306	241	190	150	145	**47**	-67.8%	◆
Other Middle East	185	182	194	192	192	192	201	183	207	213	**212**	-0.5%	0.2%
Total Middle East	25549	25764	25322	26372	24723	25827	28160	28532	28181	28557	**30098**	5.4%	32.4%
Algeria	1990	1979	1992	1969	1775	1689	1642	1537	1485	1589	**1586**	-0.4%	1.6%
Angola	1282	1432	1699	1916	1804	1863	1726	1784	1799	1712	**1826**	6.8%	2.0%
Chad	173	153	144	127	118	122	114	101	83	82	**78**	-4.8%	0.1%
Republic of Congo	247	279	224	237	276	314	301	294	281	276	**277**	0.4%	0.3%
Egypt	672	679	698	715	730	725	714	715	710	714	**723**	1.4%	0.8%
Equatorial Guinea	358	342	350	347	307	274	252	272	267	281	**289**	3.3%	0.3%
Gabon	270	242	246	240	241	255	254	245	236	236	**233**	-1.4%	0.3%
Libya	1745	1816	1820	1820	1652	1656	479	1509	988	498	**432**	-13.4%	0.5%
Nigeria	2527	2433	2314	2134	2234	2535	2476	2430	2321	2389	**2352**	-1.5%	2.6%
South Sudan	n/a	n/a	n/a	n/a	n/a	n/a	n/a	31	100	155	**148**	-4.9%	0.2%
Sudan	294	356	483	457	475	462	291	103	118	120	**105**	-12.3%	0.1%
Tunisia	80	77	106	98	93	85	78	84	78	73	**63**	-14.1%	0.1%
Other Africa	172	222	192	186	184	162	221	221	245	245	**264**	7.9%	0.3%
Total Africa	9811	10011	10269	10246	9890	10142	8548	9327	8711	8371	**8375**	0.1%	9.1%
Australia	570	532	549	538	507	548	483	479	407	436	**385**	-10.9%	0.4%
Brunei	206	221	194	175	168	172	165	159	135	126	**127**	0.4%	0.1%
China	3642	3711	3742	3814	3805	4077	4074	4155	4216	4246	**4309**	1.5%	4.9%
India	737	760	768	803	816	882	916	906	906	887	**876**	-1.1%	0.9%
Indonesia	1096	1018	972	1006	994	1003	952	918	882	852	**825**	-3.0%	0.9%
Malaysia	757	713	742	741	701	717	650	654	621	650	**693**	6.9%	0.7%
Thailand	297	325	341	362	376	388	421	460	454	450	**477**	6.0%	0.4%
Vietnam	389	354	334	309	341	322	326	357	361	373	**362**	-3.4%	0.4%
Other Asia Pacific	285	304	319	340	330	315	299	290	272	289	**292**	1.4%	0.3%
Total Asia Pacific	7978	7937	7961	8088	8039	8424	8287	8378	8254	8310	**8346**	0.5%	9.1%
Total World	**81896**	**82487**	**82277**	**82818**	**81182**	**83283**	**84097**	**86218**	**86591**	**88834**	**91670**	**3.2%**	**100.0%**
of which: OECD	19894	19458	19141	18434	18443	18535	18571	19474	20623	22541	**23534**	4.4%	24.9%
Non-OECD	62003	63029	63136	64384	62739	64748	65525	66744	65968	66293	**68136**	2.7%	75.1%
OPEC	35104	35570	35241	36269	33998	35149	36061	37536	36621	36652	**38226**	4.2%	41.4%
Non-OPEC	46792	46918	47036	46549	47184	48134	48035	48682	49970	52182	**53445**	2.4%	58.6%
European Union	2711	2471	2425	2264	2127	1987	1724	1528	1436	1414	**1507**	6.6%	1.6%
CIS	11793	12278	12758	12780	13213	13494	13543	13592	13799	13807	**13914**	0.7%	15.6%

*Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids – 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.
◆Less than 0.05%.
n/a not available.
Note: Annual changes and shares of total are calculated using million tonnes per annum figures.

Oil: Consumption in thousands of barrels per day*

Thousand barrels daily	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	20802	20687	20680	19490	18771	19180	18882	18490	18961	19106	**19396**	1.6%	19.7%
Canada	2288	2295	2361	2315	2189	2324	2404	2372	2383	2371	**2322**	-2.9%	2.3%
Mexico	2030	2019	2067	2054	1996	2014	2043	2063	2020	1941	**1926**	-1.1%	1.9%
Total North America	25119	25002	25109	23860	22957	23518	23330	22926	23365	23418	**23644**	0.9%	23.9%
Argentina	451	474	528	540	532	594	609	637	670	665	**679**	2.3%	0.7%
Brazil	2123	2155	2313	2485	2502	2721	2842	2905	3106	3242	**3157**	-4.2%	3.2%
Chile	266	293	377	390	383	343	371	376	362	360	**368**	1.5%	0.4%
Colombia	237	237	234	251	232	258	277	297	297	314	**331**	5.6%	0.4%
Ecuador	169	180	183	188	191	220	226	233	247	257	**253**	-2.3%	0.3%
Peru	152	147	153	172	178	189	208	213	228	229	**243**	6.2%	0.3%
Trinidad & Tobago	25	29	34	37	35	39	35	32	35	36	**38**	3.4%	◆
Venezuela	606	668	640	716	726	726	737	792	815	781	**678**	-12.7%	0.7%
Other S. & Cent. America	1302	1322	1318	1278	1275	1295	1319	1297	1274	1306	**1336**	2.2%	1.5%
Total S. & Cent. America	5332	5504	5780	6057	6054	6384	6624	6782	7035	7190	**7083**	-2.1%	7.5%
Austria	287	291	276	274	264	276	262	258	264	260	**263**	0.8%	0.3%
Azerbaijan	106	96	91	74	73	71	89	92	101	99	**99**	1.3%	0.1%
Belarus	151	176	162	159	182	150	175	211	145	148	**145**	-2.4%	0.2%
Belgium	687	676	685	730	653	684	644	620	637	637	**661**	2.3%	0.7%
Bulgaria	102	105	103	102	91	81	79	82	76	82	**88**	7.8%	0.1%
Czech Republic	210	207	205	209	204	195	193	191	183	196	**200**	3.1%	0.2%
Denmark	187	190	191	188	169	171	168	158	158	162	**165**	1.4%	0.2%
Finland	229	222	223	222	209	219	205	194	191	182	**177**	-3.2%	0.2%
France	1946	1942	1911	1889	1822	1763	1730	1676	1664	1617	**1606**	-1.0%	1.8%
Germany	2592	2609	2380	2502	2409	2445	2369	2356	2408	2348	**2338**	-0.2%	2.5%
Greece	412	434	435	414	398	369	348	312	295	294	**303**	3.0%	0.3%
Hungary	158	168	168	164	154	146	138	128	128	142	**154**	8.0%	0.2%
Ireland	191	191	195	187	166	158	143	135	137	136	**143**	6.0%	0.2%
Italy	1798	1791	1740	1661	1563	1532	1475	1346	1260	1185	**1262**	6.2%	1.4%
Kazakhstan	184	211	234	230	188	196	256	275	276	285	**271**	-5.4%	0.3%
Lithuania	57	58	58	63	54	55	53	55	53	53	**54**	3.4%	0.1%
Netherlands	1039	1047	1065	991	971	977	971	926	898	866	**835**	-2.2%	0.9%
Norway	224	229	237	228	237	235	239	235	243	232	**234**	0.7%	0.2%
Poland	487	512	531	549	549	576	574	553	520	521	**546**	5.1%	0.6%
Portugal	336	302	307	291	273	271	255	230	239	238	**243**	2.2%	0.3%
Romania	218	214	218	216	195	184	191	191	174	187	**191**	2.0%	0.2%
Russian Federation	2647	2762	2780	2861	2775	2878	3074	3119	3145	3255	**3113**	-5.2%	3.3%
Slovakia	80	72	76	82	79	82	81	74	75	71	**78**	11.3%	0.1%
Spain	1593	1592	1613	1558	1473	1446	1378	1291	1195	1191	**1226**	2.6%	1.4%
Sweden	358	358	357	350	323	336	312	309	306	308	**299**	-2.6%	0.3%
Switzerland	260	266	241	256	260	242	235	238	249	224	**228**	1.5%	0.2%
Turkey	658	681	695	686	709	694	673	680	703	743	**835**	12.5%	0.9%
Turkmenistan	111	107	113	116	108	119	128	132	141	143	**146**	1.6%	0.1%
Ukraine	296	308	308	299	282	267	278	267	257	217	**183**	-16.1%	0.2%
United Kingdom	1828	1813	1752	1720	1646	1623	1591	1530	1525	1513	**1559**	2.4%	1.7%
Uzbekistan	103	103	94	93	89	76	71	63	60	59	**59**	-0.1%	0.1%
Other Europe & Eurasia	681	692	719	724	708	703	699	676	665	670	**677**	0.7%	0.8%
Total Europe & Eurasia	20213	20426	20166	20086	19276	19223	19075	18605	18372	18266	**18380**	0.4%	19.9%
Iran	1699	1851	1879	1954	2008	1875	1904	1915	2048	2013	**1947**	-4.5%	2.1%
Israel	257	248	262	254	232	241	254	295	236	225	**239**	6.8%	0.3%
Kuwait	411	378	383	406	455	486	465	487	513	514	**531**	3.7%	0.5%
Qatar	120	133	148	176	173	192	247	258	290	304	**324**	8.6%	0.3%
Saudi Arabia	2203	2274	2407	2622	2914	3218	3295	3462	3469	3732	**3895**	5.0%	3.9%
United Arab Emirates	502	539	576	603	594	645	722	751	765	832	**901**	6.4%	0.9%
Other Middle East	1384	1288	1280	1425	1479	1545	1567	1601	1689	1734	**1733**	0.1%	1.9%
Total Middle East	6576	6711	6935	7440	7855	8201	8455	8770	9011	9353	**9570**	2.1%	9.8%
Algeria	249	258	286	309	327	327	350	371	390	400	**422**	5.8%	0.4%
Egypt	617	601	642	686	725	766	720	747	756	805	**824**	2.3%	0.9%
South Africa	518	528	556	536	510	559	590	588	582	611	**649**	5.9%	0.7%
Other Africa	1534	1542	1579	1706	1754	1834	1753	1873	1950	1947	**1993**	2.3%	2.2%
Total Africa	2917	2928	3063	3236	3315	3486	3413	3579	3678	3763	**3888**	3.2%	4.2%
Australia	881	939	921	934	940	948	990	1021	1014	993	**1006**	1.8%	1.1%
Bangladesh	80	81	76	77	72	80	104	110	107	115	**112**	-2.8%	0.1%
China	6900	7432	7808	7941	8279	9436	9791	10229	10732	11201	**11968**	6.3%	12.9%
China Hong Kong SAR	289	309	329	298	339	359	361	344	352	336	**368**	9.7%	0.4%
India	2606	2737	2941	3077	3237	3319	3488	3685	3727	3849	**4159**	8.1%	4.5%
Indonesia	1303	1244	1318	1287	1297	1402	1589	1631	1643	1676	**1628**	-3.2%	1.7%
Japan	5354	5174	5014	4848	4389	4442	4441	4688	4531	4309	**4150**	-3.9%	4.4%
Malaysia	637	660	701	672	679	690	717	755	800	803	**831**	3.3%	0.8%
New Zealand	150	152	154	154	148	150	150	148	151	154	**159**	3.9%	0.2%
Pakistan	311	354	385	401	437	427	432	411	438	460	**517**	10.5%	0.6%
Philippines	314	283	295	283	300	313	298	309	322	347	**399**	14.3%	0.4%
Singapore	796	848	922	974	1049	1157	1209	1201	1222	1270	**1339**	5.4%	1.6%
South Korea	2312	2320	2399	2308	2339	2370	2394	2458	2455	2454	**2575**	5.3%	2.6%
Taiwan	1052	1051	1110	1005	1020	1045	983	983	1010	1019	**1031**	1.4%	1.1%
Thailand	1015	996	1030	1018	1065	1122	1185	1252	1303	1313	**1344**	3.1%	1.3%
Vietnam	258	254	283	300	313	337	366	372	377	390	**422**	8.4%	0.5%
Other Asia Pacific	313	324	349	323	342	356	395	402	405	431	**436**	1.1%	0.5%
Total Asia Pacific	24569	25157	26035	25900	26244	27954	28893	30001	30588	31119	**32444**	4.1%	34.7%
Total World	**84726**	**85728**	**87087**	**86578**	**85700**	**88765**	**89790**	**90663**	**92049**	**93109**	**95008**	**1.9%**	**100.0%**
of which: OECD	50062	49886	49685	48067	46073	46608	46068	45509	45546	45128	**45643**	1.1%	47.5%
Non-OECD	34664	35842	37402	38511	39627	42157	43722	45154	46503	47982	**49365**	2.6%	52.5%
European Union	15154	15153	14860	14735	14020	13944	13506	12948	12707	12508	**12712**	1.5%	13.9%
CIS	3641	3811	3839	3893	3761	3822	4135	4233	4199	4283	**4091**	-5.1%	4.4%

*Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol), biodiesel and derivatives of coal and natural gas are also included.

◆Less than 0.05%.

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

Annual changes and shares of total are calculated using million tonnes per annum figures.

Oil: Production in million tonnes*

Million tonnes	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	309.0	304.6	305.2	302.3	322.5	332.8	345.0	393.7	448.0	522.8	**567.2**	8.5%	13.0%
Canada	142.3	150.6	155.3	152.9	152.8	160.3	169.8	182.6	195.0	209.6	**215.5**	2.8%	4.9%
Mexico	186.6	182.7	172.3	157.0	146.8	145.7	144.6	143.9	141.9	137.1	**127.6**	-7.0%	2.9%
Total North America	637.8	637.8	632.8	612.2	622.0	638.8	659.4	720.2	785.0	869.5	**910.3**	4.7%	20.9%
Argentina	39.4	39.1	37.7	36.5	33.6	33.0	30.6	30.7	30.1	29.7	**29.7**	0.1%	0.7%
Brazil	89.1	93.8	95.2	98.9	105.8	111.4	114.1	112.1	109.8	122.1	**131.8**	7.9%	3.0%
Colombia	27.7	27.9	28.0	31.1	35.3	41.4	48.2	49.9	52.9	52.2	**53.1**	1.7%	1.2%
Ecuador	28.6	28.8	27.5	27.2	26.1	26.1	26.8	27.1	28.2	29.8	**29.1**	-2.4%	0.7%
Peru	4.5	4.6	4.6	4.7	4.8	5.1	4.9	4.9	4.8	5.3	**4.7**	-11.1%	0.1%
Trinidad & Tobago	8.1	8.3	7.1	7.0	6.8	6.3	6.0	5.2	5.2	5.1	**4.9**	-4.8%	0.1%
Venezuela	169.7	171.0	165.5	165.6	155.7	145.7	141.6	139.2	137.6	138.2	**135.2**	-2.1%	3.1%
Other S. & Cent. America	7.4	7.1	7.1	7.1	6.6	6.9	7.0	7.3	7.4	7.6	**7.4**	-1.8%	0.2%
Total S. & Cent. America	374.4	380.7	372.6	378.1	374.6	375.8	379.1	376.2	376.1	390.0	**396.0**	1.5%	9.1%
Azerbaijan	22.2	32.3	42.6	44.5	50.4	50.8	45.6	43.4	43.5	42.1	**41.7**	-1.0%	1.0%
Denmark	18.5	16.8	15.2	14.0	12.9	12.2	10.9	10.0	8.7	8.1	**7.7**	-5.4%	0.2%
Italy	6.1	5.8	5.9	5.2	4.6	5.1	5.3	5.4	5.6	5.8	**5.5**	-5.1%	0.1%
Kazakhstan	61.5	65.0	67.1	70.7	76.5	79.7	80.1	79.2	81.8	80.8	**79.3**	-1.9%	1.8%
Norway	138.7	129.0	118.6	114.8	108.7	98.8	93.8	87.3	83.2	85.3	**88.0**	3.2%	2.0%
Romania	5.4	5.0	4.7	4.7	4.5	4.3	4.2	4.0	4.1	4.1	**4.0**	-1.1%	0.1%
Russian Federation	474.8	485.6	496.8	493.7	500.8	511.8	518.8	526.0	531.1	534.1	**540.7**	1.2%	12.4%
Turkmenistan	9.5	9.2	9.8	10.4	10.5	10.8	10.8	11.2	11.7	12.1	**12.7**	5.0%	0.3%
United Kingdom	84.7	76.6	76.6	71.7	68.2	63.0	52.0	44.6	40.6	39.9	**45.3**	13.4%	1.0%
Uzbekistan	5.4	5.4	4.9	4.8	4.5	3.6	3.6	3.2	3.2	3.1	**3.0**	-3.1%	0.1%
Other Europe & Eurasia	22.0	21.7	21.6	20.6	19.9	19.2	19.2	19.2	19.6	19.2	**18.7**	-2.4%	0.4%
Total Europe & Eurasia	849.0	852.4	863.8	855.0	861.4	859.3	844.4	833.3	833.0	834.7	**846.7**	1.4%	19.4%
Iran	207.8	210.5	212.2	213.0	205.6	211.9	212.7	180.5	169.6	174.7	**182.6**	4.5%	4.2%
Iraq	89.9	98.0	105.1	119.3	119.9	121.5	136.7	152.5	153.2	160.3	**197.0**	22.9%	4.5%
Kuwait	130.4	133.7	129.9	136.1	121.0	123.3	140.8	154.0	151.5	150.8	**149.1**	-1.1%	3.4%
Oman	38.5	36.5	35.2	37.6	40.2	42.8	43.8	45.0	46.1	46.2	**46.6**	0.8%	1.1%
Qatar	52.6	56.8	57.6	64.7	62.6	71.1	78.0	82.2	80.2	79.6	**79.3**	-0.4%	1.8%
Saudi Arabia	521.3	508.9	488.9	509.9	456.7	473.8	525.9	549.8	538.4	543.4	**568.5**	4.6%	13.0%
Syria	22.3	21.0	20.1	20.3	20.0	19.2	17.6	8.5	3.0	1.6	**1.3**	-18.2%	◆
United Arab Emirates	135.7	144.3	139.6	141.4	126.2	133.3	151.3	154.8	165.5	166.6	**175.5**	5.3%	4.0%
Yemen	19.8	18.1	15.9	14.8	14.3	14.3	11.2	8.8	6.9	6.6	**2.1**	-67.8%	◆
Other Middle East	9.1	8.9	9.5	9.5	9.4	9.4	9.9	9.0	10.2	10.5	**10.4**	-0.5%	0.2%
Total Middle East	1227.4	1236.9	1214.0	1266.4	1176.0	1220.7	1327.9	1345.1	1324.6	1340.3	**1412.4**	5.4%	32.4%
Algeria	86.4	86.2	86.5	85.6	77.2	73.8	71.7	67.2	64.8	68.8	**68.5**	-0.4%	1.6%
Angola	62.9	69.6	82.5	93.5	87.6	90.5	83.8	86.9	87.3	83.0	**88.7**	6.8%	2.0%
Chad	9.1	8.0	7.5	6.7	6.2	6.4	6.0	5.3	4.4	4.3	**4.1**	-4.8%	0.1%
Republic of Congo	12.7	14.4	11.5	12.3	14.2	16.2	15.5	15.2	14.5	14.2	**14.3**	0.4%	0.3%
Egypt	33.2	33.2	33.8	34.7	35.3	35.0	34.6	34.7	34.4	35.1	**35.6**	1.4%	0.8%
Equatorial Guinea	16.4	15.6	15.9	16.1	14.2	12.6	11.6	12.7	12.4	13.1	**13.5**	3.3%	0.3%
Gabon	13.5	12.1	12.3	12.0	12.0	12.8	12.7	12.3	11.8	11.8	**11.6**	-1.4%	0.3%
Libya	82.2	85.3	85.3	85.5	77.4	77.6	22.5	71.1	46.4	23.3	**20.2**	-13.4%	0.5%
Nigeria	123.3	118.5	112.4	103.8	107.6	122.1	119.0	117.2	111.5	114.8	**113.0**	-1.5%	2.6%
South Sudan	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.5	4.9	7.7	**7.3**	-4.9%	0.2%
Sudan	14.5	17.5	23.8	22.6	23.4	22.8	14.3	5.1	5.8	5.9	**5.2**	-12.3%	0.1%
Tunisia	3.7	3.6	5.0	4.6	4.3	4.0	3.7	3.9	3.6	3.4	**2.9**	-14.1%	0.1%
Other Africa	8.6	11.1	9.6	9.3	9.2	8.1	10.9	10.9	12.1	12.1	**13.1**	7.9%	0.3%
Total Africa	466.4	475.1	486.1	486.6	468.6	481.8	406.3	444.0	413.9	397.5	**398.0**	0.1%	9.1%
Australia	25.3	23.5	24.5	24.1	22.4	24.5	21.5	21.4	17.8	19.1	**17.0**	-10.9%	0.4%
Brunei	10.1	10.8	9.5	8.6	8.3	8.5	8.1	7.8	6.6	6.2	**6.2**	0.4%	0.1%
China	181.4	184.8	186.3	190.4	189.5	203.0	202.9	207.5	210.0	211.4	**214.6**	1.5%	4.9%
India	34.9	36.0	36.4	37.8	38.0	41.3	42.9	42.5	42.5	41.6	**41.2**	-1.1%	0.9%
Indonesia	53.7	50.2	47.8	49.4	48.4	48.6	46.3	44.6	42.7	41.2	**40.0**	-3.0%	0.9%
Malaysia	34.6	32.7	33.8	34.0	32.2	32.6	29.4	29.8	28.5	29.8	**31.9**	6.9%	0.7%
Thailand	11.4	12.5	13.2	14.0	14.6	14.8	15.4	16.7	16.5	16.3	**17.2**	6.0%	0.4%
Vietnam	19.0	17.2	16.3	15.2	16.7	15.6	15.8	17.3	17.4	18.1	**17.4**	-3.4%	0.4%
Other Asia Pacific	12.4	13.1	13.9	14.9	14.4	13.8	13.0	12.7	12.0	12.9	**13.1**	1.4%	0.3%
Total Asia Pacific	382.8	380.9	381.8	388.5	384.4	402.7	395.3	400.4	394.0	396.6	**398.6**	0.5%	9.1%
Total World	**3937.8**	**3963.9**	**3951.2**	**3986.8**	**3887.0**	**3979.1**	**4012.4**	**4119.2**	**4126.6**	**4228.7**	**4361.9**	**3.2%**	**100.0%**
of which: OECD	926.1	904.2	889.1	857.8	853.7	856.7	857.0	902.5	954.8	1042.0	**1087.9**	4.4%	24.9%
Non-OECD	3011.7	3059.7	3062.0	3129.0	3033.3	3122.4	3155.4	3216.7	3171.7	3186.6	**3274.0**	2.7%	75.1%
OPEC	1690.8	1711.7	1692.9	1745.6	1623.6	1670.8	1710.9	1782.4	1734.4	1733.3	**1806.6**	4.2%	41.4%
Non-OPEC	2247.1	2252.2	2258.3	2241.2	2263.4	2308.3	2301.5	2336.8	2392.1	2495.4	**2555.3**	2.4%	58.6%
European Union	126.9	115.7	113.9	106.3	99.8	93.4	81.6	72.9	68.5	67.2	**71.7**	6.6%	1.6%
CIS	580.3	604.3	627.9	630.5	649.2	662.8	664.7	668.6	676.5	677.1	**682.0**	0.7%	15.6%

*Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids – 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.
n/a not available.
◆Less than 0.05%.

Oil: Consumption in million tonnes*

Million tonnes	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	938.4	930.7	928.8	875.4	833.2	850.1	834.9	817.0	832.1	838.1	**851.6**	1.6%	19.7%
Canada	99.9	99.4	102.3	101.2	95.0	101.6	105.0	103.3	103.5	103.3	**100.3**	-2.9%	2.3%
Mexico	90.8	89.7	92.0	91.6	88.5	88.6	90.3	92.3	89.7	85.2	**84.3**	-1.1%	1.9%
Total North America	1129.1	1119.7	1123.1	1068.2	1016.7	1040.3	1030.2	1012.6	1025.3	1026.6	**1036.3**	0.9%	23.9%
Argentina	20.8	21.8	24.2	24.9	24.3	28.1	28.3	29.7	31.1	30.9	**31.6**	2.3%	0.7%
Brazil	95.2	96.5	102.7	110.1	110.3	120.0	125.9	128.8	137.4	143.4	**137.3**	-4.2%	3.2%
Chile	12.5	13.9	17.9	18.6	18.2	16.0	17.6	17.5	16.8	16.7	**16.9**	1.5%	0.4%
Colombia	10.9	10.9	10.7	11.7	10.7	11.9	12.8	13.9	13.8	14.6	**15.5**	5.6%	0.4%
Ecuador	7.9	8.3	8.5	8.7	8.9	10.3	10.5	10.9	11.6	12.0	**11.7**	-2.3%	0.3%
Peru	7.1	6.9	7.1	8.0	8.2	8.6	9.5	9.6	10.2	10.2	**10.9**	6.2%	0.3%
Trinidad & Tobago	1.2	1.4	1.6	1.8	1.7	1.9	1.7	1.6	1.7	1.8	**1.8**	3.4%	◆
Venezuela	28.3	31.5	29.7	33.8	34.2	34.2	34.6	37.2	38.1	36.7	**32.0**	-12.7%	0.7%
Other S. & Cent. America	64.8	65.9	65.5	63.5	62.8	63.6	64.8	63.9	62.1	63.6	**65.0**	2.2%	1.5%
Total S. & Cent. America	248.6	257.0	267.9	281.1	279.3	294.6	305.6	312.9	322.9	329.8	**322.7**	-2.1%	7.5%
Austria	14.0	14.2	13.4	13.4	12.8	13.4	12.7	12.5	12.7	12.5	**12.6**	0.8%	0.3%
Azerbaijan	5.4	4.8	4.5	3.6	3.3	3.2	4.0	4.2	4.5	4.4	**4.5**	1.3%	0.1%
Belarus	7.5	8.8	8.0	7.9	9.3	7.5	8.6	10.4	7.1	7.3	**7.1**	-2.4%	0.2%
Belgium	33.6	33.4	33.8	35.9	31.5	33.0	30.8	29.6	30.2	29.8	**30.5**	2.3%	0.7%
Bulgaria	4.8	5.0	4.8	4.8	4.3	3.9	3.8	3.9	3.6	3.9	**4.2**	7.8%	0.1%
Czech Republic	9.9	9.8	9.7	9.9	9.7	9.2	9.0	8.9	8.5	9.1	**9.4**	3.1%	0.2%
Denmark	9.2	9.4	9.4	9.3	8.3	8.4	8.3	7.8	7.7	7.9	**8.1**	1.4%	0.2%
Finland	11.0	10.6	10.6	10.5	9.9	10.4	9.7	9.2	9.0	8.6	**8.3**	-3.2%	0.2%
France	93.1	93.0	91.4	90.8	87.5	84.5	83.0	80.3	79.3	76.9	**76.1**	-1.0%	1.8%
Germany	122.4	123.6	112.5	118.9	113.9	115.4	112.0	111.4	113.4	110.4	**110.2**	-0.2%	2.5%
Greece	20.1	21.3	21.4	20.4	19.5	18.1	17.0	15.3	14.5	14.4	**14.8**	3.0%	0.3%
Hungary	7.4	7.8	7.7	7.5	7.1	6.7	6.3	5.9	5.8	6.5	**7.0**	8.0%	0.2%
Ireland	9.3	9.3	9.4	9.0	8.0	7.6	6.8	6.5	6.5	6.5	**6.9**	6.0%	0.2%
Italy	86.7	86.7	84.0	80.4	75.1	73.1	70.5	64.2	59.4	55.8	**59.3**	6.2%	1.4%
Kazakhstan	9.0	10.3	11.3	11.0	8.9	9.3	12.3	13.1	13.1	13.5	**12.7**	-5.4%	0.3%
Lithuania	2.8	2.8	2.8	3.1	2.6	2.7	2.6	2.7	2.6	2.6	**2.6**	3.4%	0.1%
Netherlands	50.1	50.8	50.7	47.3	45.9	45.9	46.1	43.7	41.4	39.6	**38.7**	-2.2%	0.9%
Norway	10.2	10.5	10.7	10.4	10.7	10.8	10.6	10.5	10.8	10.2	**10.2**	0.7%	0.2%
Poland	22.4	23.3	24.2	25.3	25.3	26.7	26.6	25.7	23.8	23.9	**25.1**	5.1%	0.6%
Portugal	16.4	14.6	14.7	14.1	13.2	13.0	12.1	11.0	11.3	11.1	**11.4**	2.2%	0.3%
Romania	10.5	10.3	10.3	10.4	9.2	8.8	9.1	9.2	8.4	9.0	**9.1**	2.0%	0.2%
Russian Federation	125.0	130.4	130.0	133.6	128.2	133.3	142.2	144.6	144.9	150.8	**143.0**	-5.2%	3.3%
Slovakia	3.8	3.4	3.6	3.9	3.7	3.9	3.9	3.6	3.6	3.4	**3.8**	11.3%	0.1%
Spain	79.3	79.3	80.3	78.0	73.5	72.1	68.8	64.7	59.3	59.0	**60.5**	2.6%	1.4%
Sweden	17.2	17.3	16.9	16.7	15.5	16.2	14.8	14.6	14.4	14.5	**14.1**	-2.6%	0.3%
Switzerland	12.2	12.6	11.3	12.1	12.3	11.4	11.0	11.2	11.8	10.6	**10.7**	1.5%	0.2%
Turkey	30.7	32.1	32.6	32.1	32.6	31.8	31.1	31.6	32.7	34.4	**38.8**	12.5%	0.9%
Turkmenistan	5.0	4.8	5.1	5.3	5.0	5.5	5.8	6.0	6.2	6.3	**6.4**	1.6%	0.1%
Ukraine	13.7	14.2	14.4	14.2	13.5	12.6	13.1	12.5	11.9	10.0	**8.4**	-16.1%	0.2%
United Kingdom	83.8	83.2	80.7	79.5	75.8	74.9	73.7	71.2	70.6	69.9	**71.6**	2.4%	1.7%
Uzbekistan	5.1	5.1	4.7	4.6	4.3	3.6	3.4	3.0	2.9	2.8	**2.8**	-0.1%	0.1%
Other Europe & Eurasia	33.8	34.4	35.6	35.8	35.0	34.7	34.5	33.4	32.6	32.8	**33.1**	0.7%	0.8%
Total Europe & Eurasia	965.3	976.8	960.8	959.5	915.4	911.3	904.3	882.7	864.7	858.6	**862.2**	0.4%	19.9%
Iran	80.5	87.7	89.6	93.1	95.4	86.8	88.0	89.0	95.5	93.1	**88.9**	-4.5%	2.1%
Israel	12.2	11.7	12.3	12.0	10.8	11.2	11.8	13.9	10.9	10.3	**11.0**	6.8%	0.3%
Kuwait	19.5	17.7	17.9	19.0	20.4	21.6	20.4	21.5	22.7	22.7	**23.6**	3.7%	0.5%
Qatar	3.9	4.5	5.2	6.2	6.0	6.5	8.0	8.3	9.4	10.0	**10.9**	8.6%	0.3%
Saudi Arabia	94.2	98.4	104.4	114.4	125.9	137.1	139.1	146.2	147.3	160.1	**168.1**	5.0%	3.9%
United Arab Emirates	25.0	26.9	28.7	30.2	28.9	30.8	33.3	34.5	35.1	37.6	**40.0**	6.4%	0.9%
Other Middle East	66.1	61.5	60.8	68.5	71.1	74.3	74.9	76.8	81.0	83.2	**83.3**	0.1%	1.9%
Total Middle East	301.5	308.4	319.0	343.4	358.6	368.3	375.6	390.3	402.0	417.1	**425.7**	2.1%	9.8%
Algeria	11.0	11.5	12.9	14.0	14.9	14.8	15.8	16.9	17.7	18.2	**19.3**	5.8%	0.4%
Egypt	29.8	28.7	30.6	32.6	34.4	36.3	33.7	35.3	35.7	38.3	**39.2**	2.3%	0.9%
South Africa	24.8	25.3	26.6	25.7	24.2	26.6	28.1	28.2	27.9	29.3	**31.1**	5.9%	0.7%
Other Africa	73.2	73.4	74.9	80.9	82.9	86.7	82.7	88.5	92.0	91.4	**93.5**	2.3%	2.2%
Total Africa	138.9	138.8	145.0	153.2	156.3	164.5	160.3	168.9	173.3	177.2	**183.0**	3.2%	4.2%
Australia	39.9	43.0	41.9	42.7	43.1	43.4	45.6	47.2	46.7	45.4	**46.2**	1.8%	1.1%
Bangladesh	3.9	3.9	3.7	3.8	3.5	3.9	5.1	5.4	5.3	5.7	**5.5**	-2.8%	0.1%
China	328.6	352.7	370.2	377.5	392.2	447.9	464.2	486.3	507.2	526.8	**559.7**	6.3%	12.9%
China Hong Kong SAR	14.0	15.2	16.4	14.8	16.9	17.8	18.0	17.2	17.6	16.7	**18.3**	9.7%	0.4%
India	121.9	128.3	138.1	144.7	152.6	155.4	163.0	173.6	175.3	180.8	**195.5**	8.1%	4.5%
Indonesia	61.5	58.5	61.8	60.1	59.7	64.2	73.1	74.7	74.6	76.0	**73.5**	-3.2%	1.7%
Japan	247.2	238.0	230.9	224.8	200.4	202.7	203.6	217.0	208.0	197.3	**189.6**	-3.9%	4.4%
Malaysia	28.0	28.9	30.8	29.5	29.2	29.3	31.0	32.6	34.7	35.0	**36.2**	3.3%	0.8%
New Zealand	7.0	7.1	7.1	7.2	6.9	7.0	7.0	7.0	7.1	7.2	**7.5**	3.9%	0.2%
Pakistan	15.3	17.6	19.2	20.0	21.8	21.3	21.5	20.5	21.7	22.8	**25.2**	10.5%	0.6%
Philippines	14.8	13.3	13.8	13.3	14.0	14.6	13.8	14.4	14.9	16.1	**18.4**	14.3%	0.4%
Singapore	41.4	44.5	48.3	51.4	55.5	61.0	63.7	63.3	64.0	65.9	**69.5**	5.4%	1.6%
South Korea	104.7	104.7	107.6	103.1	103.7	105.0	105.8	108.8	108.3	107.9	**113.7**	5.3%	2.6%
Taiwan	49.2	49.1	51.1	45.9	46.1	47.2	44.5	44.6	45.1	45.4	**46.0**	1.4%	1.1%
Thailand	45.9	44.2	45.5	44.4	45.9	47.7	49.7	52.4	54.6	54.9	**56.6**	3.1%	1.3%
Vietnam	12.2	12.0	13.3	14.1	14.6	15.6	16.9	17.3	17.5	18.0	**19.5**	8.4%	0.5%
Other Asia Pacific	15.1	15.6	16.8	15.6	16.4	16.9	18.7	19.1	19.1	20.4	**20.6**	1.1%	0.5%
Total Asia Pacific	1150.6	1176.5	1216.6	1212.7	1222.4	1300.9	1345.5	1401.2	1421.8	1442.2	**1501.4**	4.1%	34.7%
Total World	**3933.9**	**3977.2**	**4032.3**	**4018.1**	**3948.7**	**4079.9**	**4121.6**	**4168.6**	**4209.9**	**4251.6**	**4331.3**	**1.9%**	**100.0%**
of which: OECD	2303.1	2291.9	2278.0	2210.2	2098.9	2119.3	2094.1	2071.0	2057.4	2033.8	**2056.4**	1.1%	47.5%
Non-OECD	1630.8	1685.3	1754.3	1807.9	1849.7	1960.5	2027.4	2097.6	2152.6	2217.7	**2274.9**	2.6%	52.5%
European Union	725.5	726.7	710.9	707.5	669.9	665.1	644.8	618.4	602.0	591.2	**600.2**	1.5%	13.9%
CIS	172.7	180.8	180.7	183.0	175.5	178.0	192.5	197.4	194.1	198.7	**188.5**	-5.1%	4.4%

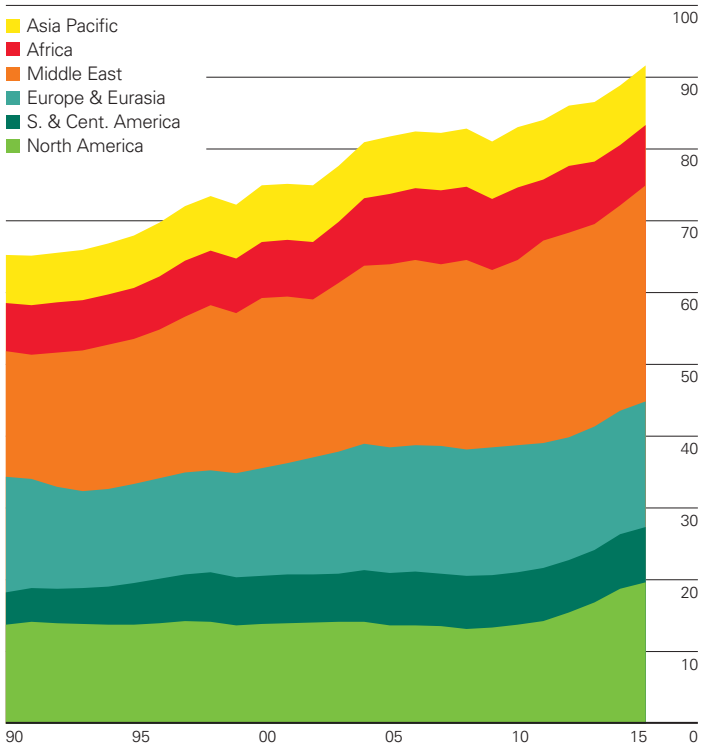
*Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol), biodiesel and derivatives of coal and natural gas are also included.

◆Less than 0.05%.

Note: Differences between these world consumption figures and world production statistics are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels, and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data.

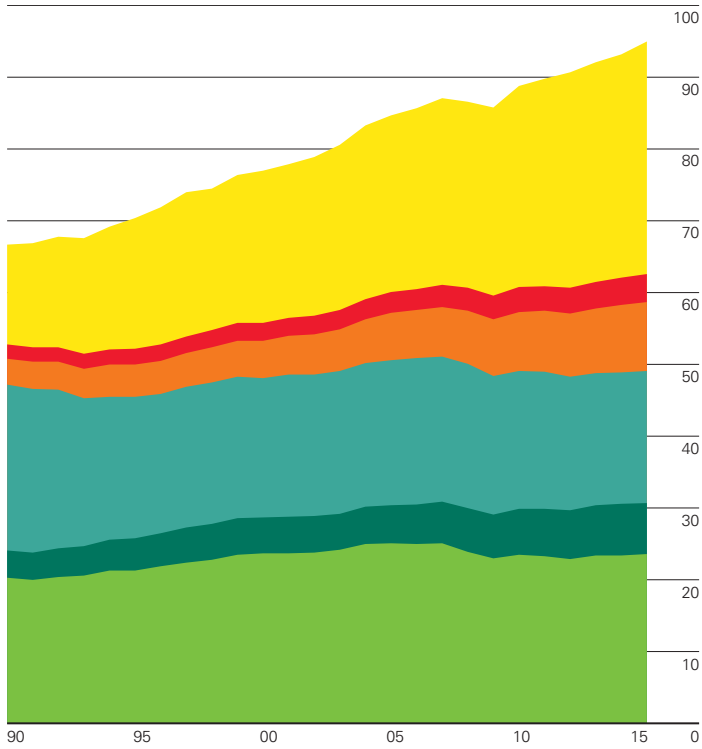
Oil: Production by region

Million barrels daily



Oil: Consumption by region

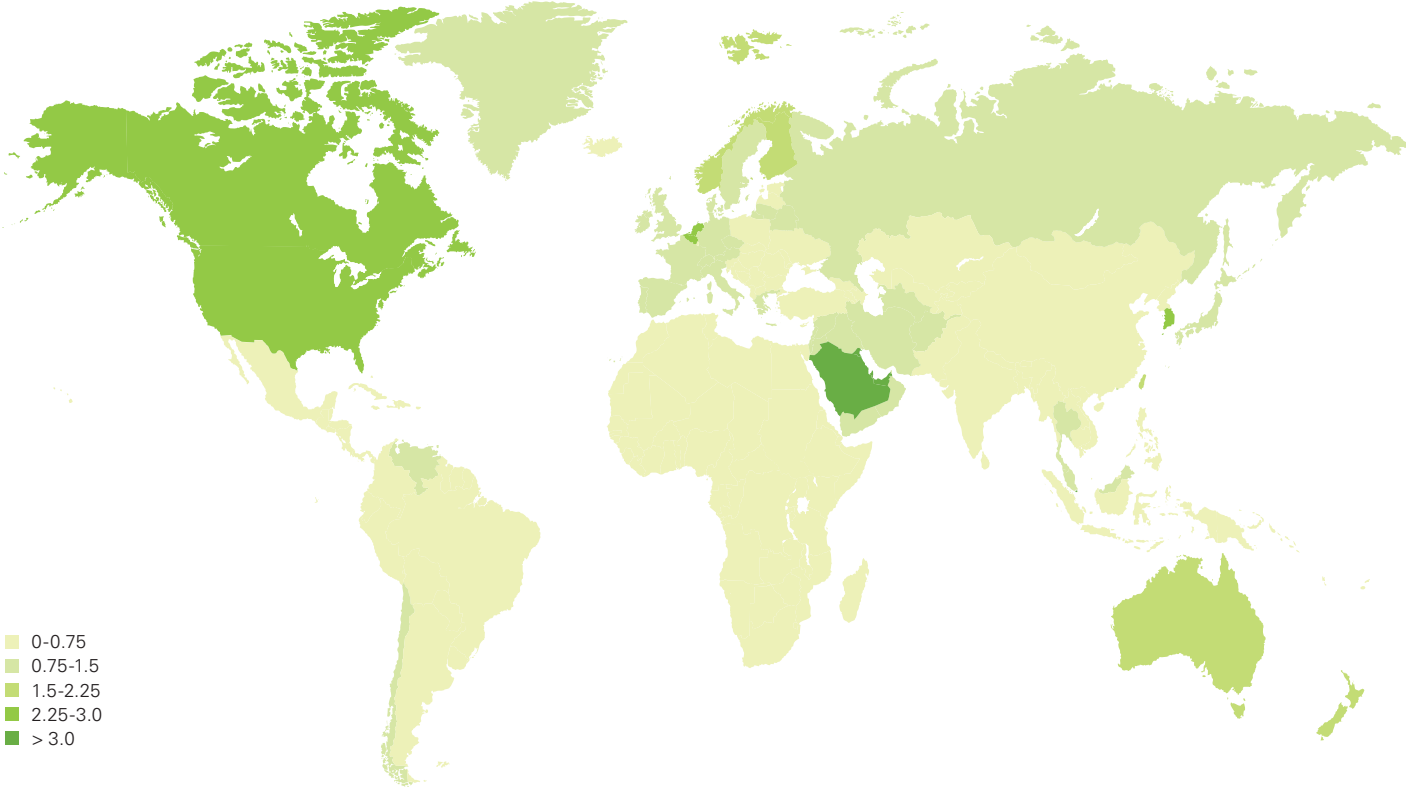
Million barrels daily



World oil production growth in 2015 significantly exceeded the growth in oil consumption for a second consecutive year. Production grew by 2.8 million b/d, led by increases in the Middle East (+1.5 million b/d) and North America (+0.9 million b/d). Global oil consumption increased by 1.9 million b/d, nearly double the 10-year average, with above-average growth driven by OECD countries. The Asia Pacific region accounted for 74% of global growth, with China once again contributing the largest national increment to global oil consumption growth (+770,000 b/d).

Oil: Consumption per capita 2015

Tonnes



Oil: Regional consumption – by product group

Thousand barrels daily	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
North America													
Light distillates	11019	11131	11200	10859	10839	10950	10697	10572	10772	10837	**11064**	2.1%	46.8%
Middle distillates	7249	7297	7318	6934	6281	6567	6694	6409	6518	6801	**6785**	-0.2%	28.7%
Fuel oil	1396	1055	1081	941	801	810	745	662	576	447	**418**	-6.4%	1.8%
Others	5455	5519	5509	5126	5036	5191	5194	5283	5498	5332	**5376**	0.8%	22.7%
Total North America	25119	25002	25109	23860	22957	23518	23330	22926	23365	23418	**23644**	1.0%	100.0%
of which: US													
Light distillates	9548	9599	9597	9253	9257	9263	9022	8932	9125	9164	**9395**	2.5%	48.4%
Middle distillates	6198	6226	6199	5801	5241	5464	5518	5278	5371	5632	**5627**	-0.1%	29.0%
Fuel oil	914	683	718	609	508	532	459	367	317	256	**259**	1.0%	1.3%
Others	4143	4178	4166	3827	3766	3921	3883	3913	4147	4054	**4115**	1.5%	21.2%
Total US	20802	20687	20680	19490	18771	19180	18882	18490	18961	19106	**19396**	1.5%	100.0%
S. & Cent. America													
Light distillates	1480	1505	1605	1685	1791	1888	1959	2006	2115	2182	**2211**	1.3%	31.2%
Middle distillates	1903	1930	2127	2187	2155	2380	2501	2622	2741	2751	**2718**	-1.2%	38.4%
Fuel oil	767	791	793	811	771	747	725	723	713	767	**741**	-3.4%	10.5%
Others	1181	1278	1254	1375	1337	1369	1439	1430	1466	1490	**1413**	-5.2%	20.0%
Total S. & Cent. America	5332	5504	5780	6057	6054	6384	6624	6782	7035	7190	**7083**	-1.5%	100.0%
Europe & Eurasia													
Light distillates	5006	4918	4931	4763	4657	4659	4445	4322	4269	4206	**4178**	-0.7%	22.7%
Middle distillates	8666	8910	8883	9159	8764	8965	8979	8871	8878	8832	**9098**	3.0%	49.5%
Fuel oil	2284	2304	2061	1972	1794	1655	1631	1499	1388	1383	**1239**	-10.4%	6.7%
Others	4257	4295	4291	4192	4061	3945	4020	3914	3837	3845	**3864**	0.5%	21.0%
Total Europe & Eurasia	20213	20426	20166	20086	19276	19223	19075	18605	18372	18266	**18380**	0.6%	100.0%
of which: CIS													
Light distillates	1055	1105	1170	1231	1211	1265	1271	1299	1337	1323	**1321**	-0.2%	32.3%
Middle distillates	1083	1149	1218	1283	1167	1265	1409	1433	1409	1384	**1312**	-5.2%	32.1%
Fuel oil	502	558	424	397	379	350	373	361	369	434	**342**	-21.1%	8.4%
Others	1001	999	1027	982	1004	941	1083	1139	1084	1141	**1116**	-2.2%	27.3%
Total CIS	3641	3811	3839	3893	3761	3822	4135	4233	4199	4283	**4091**	-4.5%	100.0%
of which: European Union													
Light distillates	3693	3549	3514	3303	3192	3155	2953	2812	2720	2674	**2641**	-1.2%	20.8%
Middle distillates	6970	7107	6980	7153	6882	6988	6846	6691	6681	6622	**6876**	3.8%	54.1%
Fuel oil	1582	1564	1473	1428	1276	1193	1149	1028	909	839	**796**	-5.2%	6.3%
Others	2910	2933	2893	2851	2669	2607	2558	2417	2398	2373	**2399**	1.1%	18.9%
Total European Union	15154	15153	14860	14735	14020	13944	13506	12948	12707	12508	**12712**	1.6%	100.0%
Middle East													
Light distillates	1406	1485	1479	1592	1633	1697	1760	1818	1900	1967	**2036**	3.5%	21.3%
Middle distillates	2058	2102	2272	2315	2403	2412	2538	2658	2764	2758	**2744**	-0.5%	28.7%
Fuel oil	1519	1535	1581	1770	1918	1959	1991	2060	2106	2201	**2277**	3.4%	23.8%
Others	1592	1588	1602	1763	1901	2133	2166	2234	2242	2426	**2512**	3.5%	26.2%
Total Middle East	6576	6711	6935	7440	7855	8201	8455	8770	9011	9353	**9570**	2.3%	100.0%
Africa													
Light distillates	705	689	709	766	801	835	824	878	875	901	**960**	6.5%	24.7%
Middle distillates	1248	1307	1395	1482	1516	1612	1621	1672	1765	1824	**1877**	2.9%	48.3%
Fuel oil	459	425	427	440	438	457	392	438	447	444	**448**	0.8%	11.5%
Others	505	507	532	548	560	580	576	590	591	593	**604**	1.8%	15.5%
Total Africa	2917	2928	3063	3236	3315	3486	3413	3579	3678	3763	**3888**	3.3%	100.0%
Asia Pacific													
Light distillates	6758	7020	7402	7450	7685	8313	8512	8951	9465	9742	**10390**	6.6%	32.0%
Middle distillates	9036	9120	9300	9390	9393	9916	10332	10762	10942	11037	**11338**	2.7%	34.9%
Fuel oil	3448	3525	3578	3359	3047	3050	3121	3209	2969	2835	**2848**	0.5%	8.8%
Others	5327	5493	5755	5701	6118	6674	6929	7080	7212	7506	**7868**	4.8%	24.3%
Total Asia Pacific	24569	25157	26035	25900	26244	27954	28893	30001	30588	31119	**32444**	4.3%	100.0%
of which: China													
Light distillates	1515	1713	1846	1975	2046	2406	2588	2774	3102	3316	**3616**	9.0%	30.2%
Middle distillates	2509	2682	2859	3078	3127	3452	3668	3963	4068	4114	**4255**	3.4%	35.6%
Fuel oil	899	954	906	724	662	666	588	560	564	592	**633**	7.0%	5.3%
Others	1977	2083	2198	2164	2443	2912	2948	2932	2998	3179	**3463**	8.9%	28.9%
Total China	6900	7432	7808	7941	8279	9436	9791	10229	10732	11201	**11968**	6.8%	100.0%
of which: Japan													
Light distillates	1780	1758	1731	1615	1636	1696	1635	1616	1650	1578	**1614**	2.2%	38.9%
Middle distillates	1878	1760	1621	1502	1381	1391	1343	1360	1353	1319	**1282**	-2.8%	30.9%
Fuel oil	676	657	657	707	450	442	577	811	636	537	**440**	-18.1%	10.6%
Others	1021	999	1005	1024	922	913	887	901	893	874	**815**	-6.8%	19.6%
Total Japan	5354	5174	5014	4848	4389	4442	4441	4688	4531	4309	**4150**	-3.7%	100.0%
World													
Light distillates	26373	26748	27325	27114	27407	28342	28197	28547	29396	29836	**30840**	3.4%	32.5%
Middle distillates	30160	30665	31296	31466	30513	31852	32664	32993	33608	34003	**34559**	1.6%	36.4%
Fuel oil	9874	9635	9522	9293	8768	8678	8605	8591	8199	8077	**7971**	-1.3%	8.4%
Others	18318	18679	18945	18706	19013	19892	20324	20531	20846	21193	**21638**	2.1%	22.8%
Total World	**84726**	**85728**	**87087**	**86578**	**85700**	**88765**	**89790**	**90663**	**92049**	**93109**	**95008**	**2.0%**	**100.0%**
OECD													
Light distillates	18015	17998	18100	17384	17358	17529	17063	16874	17011	16991	**17289**	1.8%	37.9%
Middle distillates	17662	17774	17618	17307	16228	16653	16642	16296	16436	16656	**16988**	2.0%	37.2%
Fuel oil	4184	3780	3691	3489	2891	2773	2775	2815	2418	2080	**1926**	-7.4%	4.2%
Others	10201	10333	10276	9887	9597	9653	9588	9524	9681	9401	**9439**	0.4%	20.7%
Total OECD	50062	49886	49685	48067	46073	46608	46068	45509	45546	45128	**45643**	1.1%	100.0%
Non-OECD													
Light distillates	8358	8750	9225	9730	10049	10814	11135	11673	12384	12845	**13551**	5.5%	27.4%
Middle distillates	12498	12891	13678	14159	14285	15199	16022	16697	17173	17347	**17571**	1.3%	35.6%
Fuel oil	5691	5855	5831	5804	5878	5905	5830	5777	5781	5997	**6045**	0.8%	12.2%
Others	8117	8346	8669	8819	9416	10239	10736	11008	11165	11793	**12199**	3.4%	24.7%
Total Non-OECD	34664	35842	37402	38511	39627	42157	43722	45154	46503	47982	**49365**	2.9%	100.0%

Notes: Annual changes and shares of total are calculated using thousand barrels daily figures.
'Light distillates' consists of aviation and motor gasolines and light distillate feedstock (LDF).
'Middle distillates' consists of jet and heating kerosenes, and gas and diesel oils (including marine bunkers).
'Fuel oil' includes marine bunkers and crude oil used directly as fuel.
'Others' consists of refinery gas, liquefied petroleum gas (LPG), solvents, petroleum coke, lubricants, bitumen, wax, other refined products and refinery fuel and loss.
An extended breakdown of oil consumption by product group is available at *bp.com/statisticalreview*

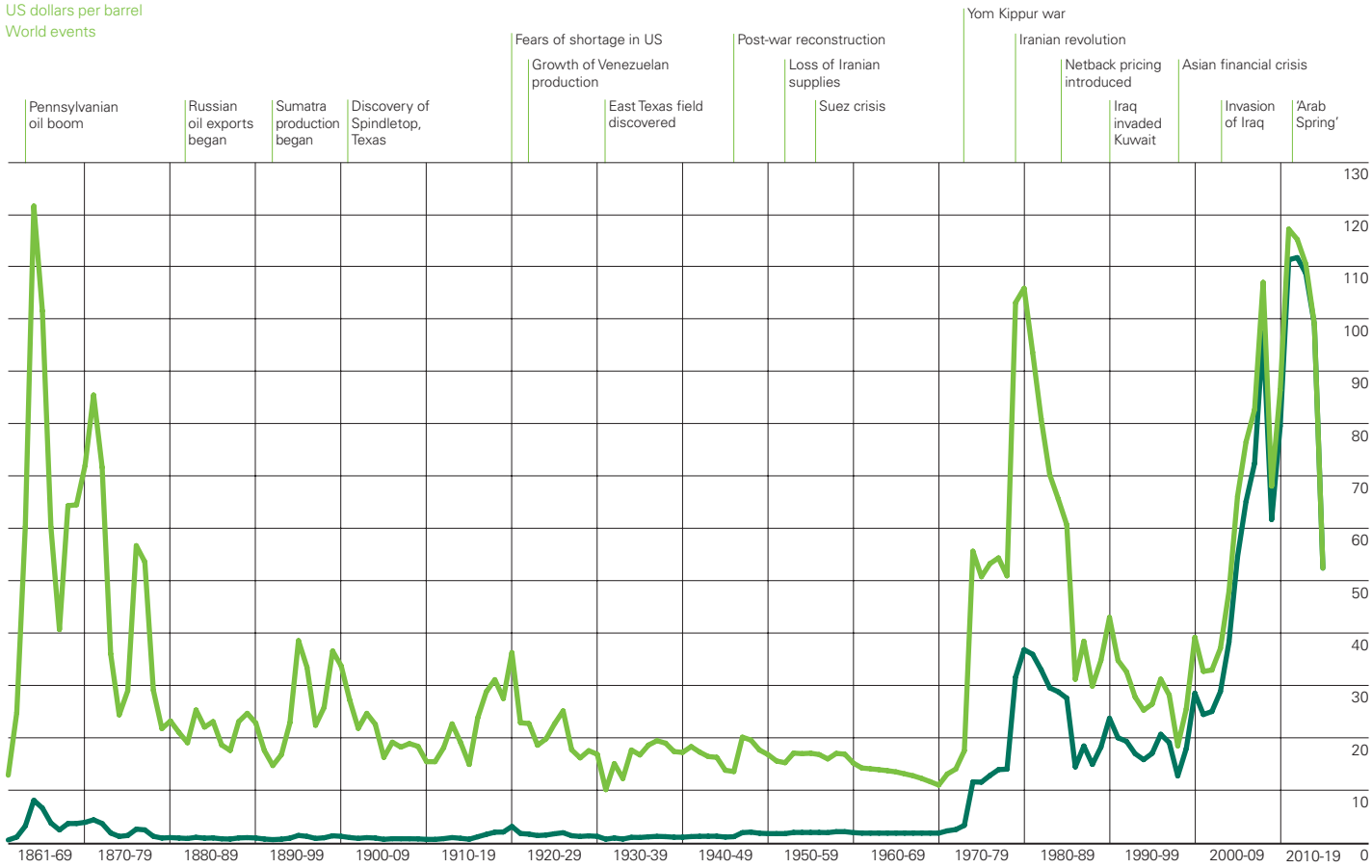
Spot crude prices

US dollars per barrel	Dubai $/bbl*	Brent $/bbl†	Nigerian Forcados $/bbl	West Texas Intermediate $/bbl‡
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
2014	97.07	98.95	101.35	93.28
2015	51.20	52.39	54.41	48.71

*1980-1985 Arabian Light, 1986-2015 Dubai dated.
†1980-1983 Forties, 1984-2015 Brent dated.
‡1980-1983 Posted WTI prices, 1984-2015 Spot WTI (Cushing) prices.

Source: Platts.

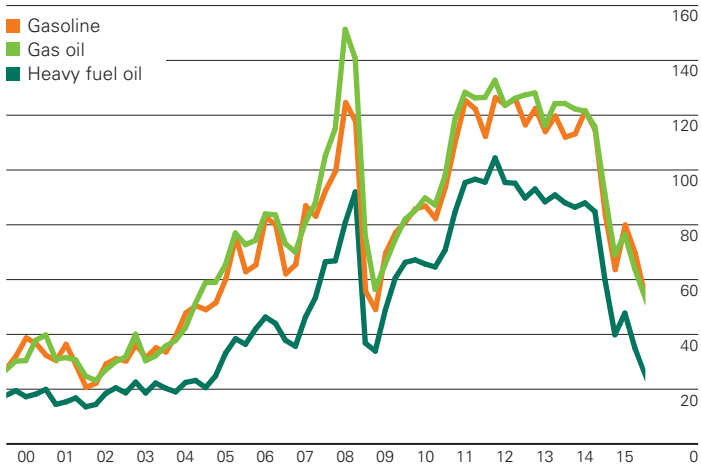
Crude oil prices 1861-2015



1861-1944 US average.
1945-1983 Arabian Light posted at Ras Tanura.
1984-2015 Brent dated.

Oil product prices (Rotterdam)

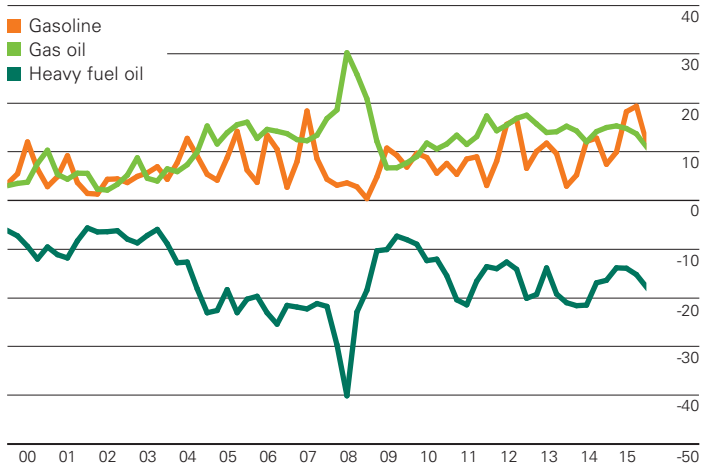
US dollars per barrel



Source: Platts.

Product differentials to crude (Rotterdam products minus Dated Brent)

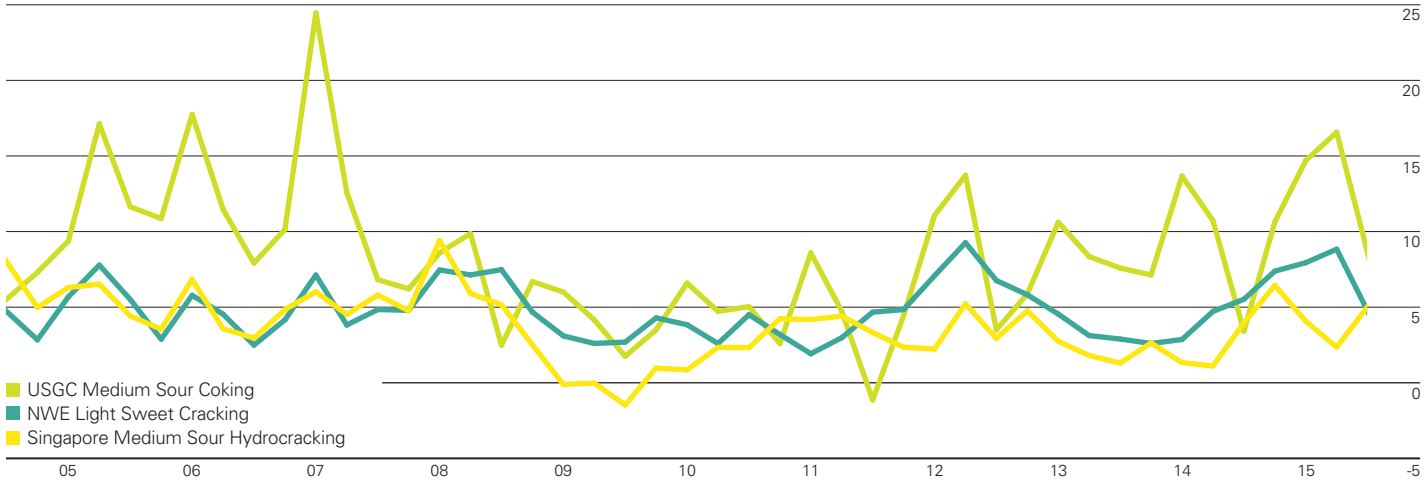
US dollars per barrel



Source: Platts.

Regional refining margins

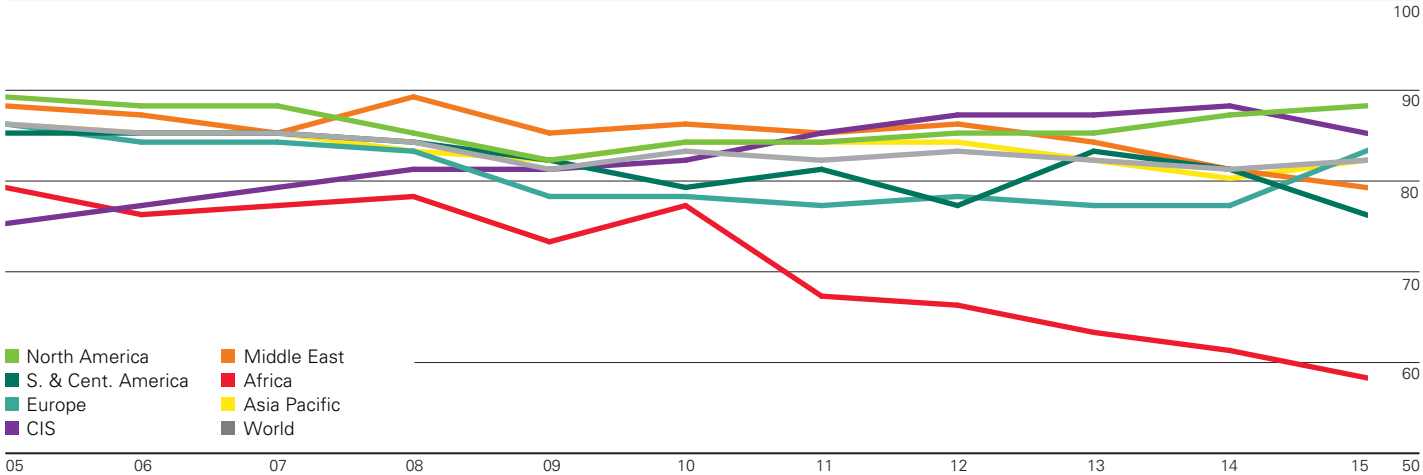
US dollars per barrel



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.

Refinery utilization

Percentage (based on average annual capacity)



Global crude runs rose by 1.8 million b/d in 2015, led by Europe and China. Europe recorded its largest increase in crude runs since 1986. Global refining capacity growth slowed to 450,000 b/d, the lowest in 23 years. Capacity in Asia Pacific fell for the first time since 1988. Global average refinery utilization rose by 1% to 82.1%, the fastest increase in 5 years.

Oil: Refinery throughput

Thousand barrels daily*	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	15220	15242	15156	14648	14336	14724	14806	14999	15312	15848	**16207**	2.3%	20.4%
Canada	1883	1835	1908	1839	1773	1832	1734	1802	1767	1735	**1705**	-1.7%	2.1%
Mexico	1284	1270	1261	1295	1184	1184	1166	1199	1224	1155	**1064**	-7.9%	1.3%
Total North America	18387	18347	18325	17782	17293	17740	17707	18000	18303	18738	**18976**	1.3%	23.8%
Argentina	538	568	600	578	532	531	516	530	527	526	**536**	1.7%	0.7%
Brazil	1703	1708	1741	1760	1781	1787	1813	1889	2035	2085	**1984**	-4.8%	2.5%
Chile	209	217	201	204	192	159	173	164	174	174	**165**	-5.1%	0.2%
Colombia	299	315	313	313	302	299	306	303	289	230	**227**	-1.3%	0.3%
Curacao	215	205	209	197	183	64	164	165	170	189	**191**	0.9%	0.2%
Ecuador	151	152	150	155	156	137	156	152	141	125	**121**	-3.7%	0.2%
Peru	173	165	172	169	190	192	184	182	179	181	**185**	2.2%	0.2%
Trinidad & Tobago	165	152	154	150	152	126	137	107	132	105	**125**	19.8%	0.2%
Venezuela	1013	1022	1004	1010	961	969	991	936	952	920	**830**	-9.8%	1.0%
Other S. & Cent. America	1004	957	969	964	808	709	716	324	295	298	**302**	1.2%	0.4%
Total S. & Cent. America	5471	5461	5515	5501	5256	4973	5157	4753	4893	4834	**4666**	-3.5%	5.9%
Austria	177	172	174	176	169	158	168	170	174	172	**173**	0.6%	0.2%
Azerbaijan	148	150	150	147	121	124	127	124	132	135	**129**	-4.5%	0.2%
Belarus	398	427	429	427	434	330	411	434	425	448	**491**	9.6%	0.6%
Belgium	644	631	662	675	629	668	598	634	555	645	**644**	-0.2%	0.8%
Bulgaria	124	143	143	143	125	110	102	118	113	104	**121**	16.6%	0.2%
Czech Republic	155	158	149	165	148	159	143	145	134	151	**144**	-4.2%	0.2%
Denmark	155	159	157	156	157	146	137	153	144	139	**147**	6.2%	0.2%
Finland	200	208	218	222	220	211	225	215	227	225	**197**	-12.6%	0.2%
France	1711	1655	1654	1676	1449	1314	1313	1138	1117	1096	**1151**	5.1%	1.4%
Germany	2300	2245	2193	2151	2026	1915	1876	1901	1857	1833	**1876**	2.4%	2.4%
Greece	374	379	385	360	346	393	331	410	399	416	**433**	4.3%	0.5%
Hungary	141	139	142	140	127	128	132	122	120	131	**130**	-0.8%	0.2%
Ireland	66	63	67	62	55	60	59	61	57	55	**68**	22.6%	0.1%
Italy	1890	1847	1863	1741	1614	1673	1570	1475	1259	1198	**1341**	11.9%	1.7%
Kazakhstan	218	225	229	236	235	257	326	331	341	362	**337**	-6.7%	0.4%
Lithuania	187	168	118	195	174	190	189	181	192	160	**174**	8.6%	0.2%
Netherlands	1258	1226	1204	1160	1143	1189	1144	1144	1044	1067	**1138**	6.6%	1.4%
Norway	289	307	305	279	278	259	289	287	292	274	**293**	6.9%	0.4%
Poland	376	396	402	417	408	458	482	505	488	486	**532**	9.5%	0.7%
Portugal	263	265	247	241	209	227	206	221	239	217	**281**	29.3%	0.4%
Romania	279	266	280	282	247	217	194	182	189	194	**208**	7.0%	0.3%
Russian Federation	4172	4423	4597	4742	4765	5020	5185	5436	5633	5912	**5764**	-2.5%	7.2%
Slovakia	109	113	120	117	114	110	120	108	116	105	**119**	13.6%	0.1%
Spain	1195	1210	1159	1174	1057	1060	1051	1186	1168	1185	**1304**	10.0%	1.6%
Sweden	413	415	369	413	394	406	374	417	332	381	**401**	5.4%	0.5%
Switzerland	96	109	94	101	95	90	87	68	97	98	**56**	-42.7%	0.1%
Turkey	520	530	518	490	375	392	394	398	421	406	**512**	26.1%	0.6%
Turkmenistan	141	137	144	149	152	170	165	157	160	163	**163**	0.1%	0.2%
Ukraine	369	289	279	243	255	249	206	108	85	69	**22**	-67.7%	◆
United Kingdom	1619	1533	1528	1533	1440	1395	1433	1348	1197	1125	**1136**	1.0%	1.4%
Uzbekistan	105	105	95	93	88	73	69	62	71	70	**70**	–	0.1%
Other Europe & Eurasia	205	189	199	184	200	185	158	134	138	128	**147**	15.2%	0.2%
Total Europe & Eurasia	20297	20284	20273	20290	19249	19336	19267	19374	18917	19149	**19704**	2.9%	24.8%
Iran	1624	1674	1719	1780	1829	1833	1873	1937	1975	1919	**1847**	-3.8%	2.3%
Israel	199	202	189	215	220	226	218	219	231	239	**245**	2.5%	0.3%
Kuwait	863	898	923	906	869	892	852	916	873	879	**907**	3.1%	1.1%
Qatar	100	114	119	116	135	255	255	247	248	250	**256**	2.4%	0.3%
Saudi Arabia	2002	1992	1936	2018	1928	1922	1884	1953	1876	2243	**2445**	9.0%	3.1%
United Arab Emirates	393	398	373	368	397	427	449	451	464	472	**658**	39.3%	0.8%
Other Middle East	1246	1211	1168	1344	1257	1329	1350	1303	1306	1144	**1032**	-9.8%	1.3%
Total Middle East	6428	6489	6427	6746	6636	6883	6881	7027	6974	7147	**7390**	3.4%	9.3%
Algeria	356	382	391	429	475	548	520	478	492	615	**594**	-3.4%	0.7%
Egypt	633	631	653	617	598	580	523	534	507	512	**522**	2.0%	0.7%
South Africa	426	399	382	396	351	390	410	415	408	407	**407**	–	0.5%
Other Africa	1045	949	913	942	841	908	725	789	792	647	**549**	-15.2%	0.7%
Total Africa	2461	2360	2339	2384	2265	2425	2179	2216	2199	2181	**2072**	-5.0%	2.6%
Australia	569	561	577	536	542	569	589	563	552	506	**401**	-20.7%	0.5%
Bangladesh	23	26	25	25	18	26	27	24	27	24	**25**	3.9%	◆
China	5832	6235	6594	6828	7452	8408	8686	9199	9599	10155	**10661**	5.0%	13.4%
India	2561	2860	3107	3213	3641	3899	4085	4302	4462	4473	**4561**	2.0%	5.7%
Indonesia	980	913	904	910	900	853	880	820	822	848	**872**	2.9%	1.1%
Japan	4136	4026	3995	3946	3627	3619	3410	3400	3453	3289	**3258**	-0.9%	4.1%
Malaysia	509	522	557	560	554	470	516	575	558	553	**557**	0.7%	0.7%
New Zealand	96	97	91	99	95	99	108	109	105	101	**109**	7.7%	0.1%
Pakistan	231	222	238	226	209	190	193	192	223	232	**257**	10.8%	0.3%
Philippines	207	211	206	184	147	181	190	170	158	168	**212**	26.2%	0.3%
Singapore	1176	1155	1163	1161	844	979	1035	1020	936	796	**897**	12.7%	1.1%
South Korea	2335	2407	2417	2365	2297	2390	2533	2582	2484	2516	**2783**	10.6%	3.5%
Taiwan	1042	1000	992	900	956	876	809	897	847	850	**838**	-1.4%	1.1%
Thailand	910	926	922	927	938	963	937	978	1078	1029	**1132**	10.1%	1.4%
Vietnam	9	9	10	10	43	123	124	142	145	125	**145**	16.1%	0.2%
Other Asia Pacific	101	104	94	94	98	97	100	89	97	96	**94**	-2.1%	0.1%
Total Asia Pacific	20716	21274	21893	21983	22361	23742	24220	25062	25546	25759	**26802**	4.0%	33.7%
Total World	**73759**	**74214**	**74772**	**74686**	**73060**	**75099**	**75411**	**76432**	**76832**	**77808**	**79609**	**2.3%**	**100.0%**
of which: OECD	39883	39619	39406	38595	36719	37212	36870	37145	36739	36968	**38015**	2.8%	47.8%
Non-OECD	33876	34595	35366	36091	36341	37887	38541	39287	40092	40840	**41594**	1.8%	52.2%
European Union	13735	13485	13333	13286	12345	12270	11915	11895	11181	11132	**11774**	5.8%	14.8%
CIS	5552	5758	5926	6040	6053	6226	6492	6654	6851	7163	**6981**	-2.5%	8.8%

*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.

Oil: Refinery capacities

Thousand barrels daily*	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	17339	17443	17594	17672	17584	17736	17322	17824	17925	17889	**18315**	2.4%	18.8%
Canada	1896	1914	1907	1951	1976	1913	2040	2050	1965	1965	**1966**	0.1%	2.0%
Mexico	1463	1463	1463	1463	1463	1463	1606	1606	1606	1602	**1602**	–	1.6%
Total North America	20698	20821	20964	21086	21023	21113	20967	21479	21495	21456	**21883**	2.0%	22.5%
Argentina	615	617	628	628	625	625	625	657	657	657	**657**	–	0.7%
Brazil	1942	1942	1960	1973	1988	1988	2010	2001	2093	2235	**2278**	1.9%	2.3%
Chile	238	234	242	242	242	242	250	254	254	258	**258**	–	0.3%
Colombia	311	324	324	326	336	336	336	336	336	336	**421**	25.3%	0.4%
Curacao	320	320	320	320	320	320	320	320	320	320	**320**	–	0.3%
Ecuador	177	177	175	175	175	175	175	175	175	175	**175**	–	0.2%
Peru	223	223	223	230	252	252	252	252	253	253	**253**	–	0.3%
Trinidad & Tobago	165	165	165	165	165	165	165	165	165	165	**165**	–	0.2%
Venezuela	1291	1294	1303	1303	1303	1303	1303	1303	1303	1303	**1303**	–	1.3%
Other S. & Cent. America	1144	1150	1192	1176	900	901	1013	356	364	371	**392**	5.7%	0.4%
Total S. & Cent. America	6426	6446	6532	6538	6306	6307	6449	5819	5920	6073	**6222**	2.5%	6.4%
Austria	201	201	201	201	201	201	193	193	193	193	**193**	–	0.2%
Azerbaijan	205	205	205	205	205	205	205	205	205	205	**205**	–	0.2%
Belarus	460	460	460	460	460	460	460	460	460	460	**460**	–	0.5%
Belgium	756	766	781	786	786	787	788	753	776	776	**776**	–	0.8%
Bulgaria	205	205	175	175	180	195	195	195	195	195	**195**	–	0.2%
Czech Republic	193	193	193	193	193	193	193	178	178	178	**178**	–	0.2%
Denmark	189	189	189	189	189	189	181	181	181	180	**180**	–	0.2%
Finland	261	261	261	261	261	261	261	261	261	261	**261**	–	0.3%
France	1978	1959	1962	1971	1842	1702	1610	1513	1375	1375	**1375**	–	1.4%
Germany	2322	2390	2390	2366	2362	2091	2077	2097	2061	2077	**2032**	-2.1%	2.1%
Greece	418	425	425	425	425	490	495	498	498	498	**498**	–	0.5%
Hungary	165	165	165	165	165	165	165	165	165	165	**165**	–	0.2%
Ireland	75	75	75	75	75	75	75	75	75	75	**75**	–	0.1%
Italy	2515	2526	2377	2396	2396	2396	2276	2113	1876	1915	**1915**	–	2.0%
Kazakhstan	330	330	330	330	330	330	330	330	350	350	**350**	–	0.4%
Lithuania	241	241	241	241	241	241	241	241	241	241	**241**	–	0.2%
Netherlands	1274	1274	1236	1280	1280	1274	1276	1274	1274	1274	**1293**	1.4%	1.3%
Norway	316	316	316	316	316	316	316	316	316	316	**316**	–	0.3%
Poland	507	498	493	492	491	560	580	582	582	582	**581**	-0.1%	0.6%
Portugal	306	306	306	306	306	306	306	306	306	306	**306**	–	0.3%
Romania	389	389	389	358	283	247	229	214	235	228	**246**	7.5%	0.3%
Russian Federation	5408	5524	5481	5397	5435	5573	5731	5836	6245	6352	**6428**	1.2%	6.6%
Slovakia	122	122	122	122	122	122	122	122	122	122	**122**	–	0.1%
Spain	1377	1362	1362	1362	1362	1421	1542	1546	1546	1546	**1546**	–	1.6%
Sweden	436	436	436	436	436	436	436	436	436	436	**436**	–	0.4%
Switzerland	140	140	140	140	140	140	140	106	140	140	**68**	-51.4%	0.1%
Turkey	613	613	613	613	613	613	613	613	613	613	**613**	–	0.6%
Turkmenistan	240	240	240	270	300	300	300	300	300	300	**300**	–	0.3%
Ukraine	525	525	526	566	582	474	474	248	262	248	**248**	–	0.3%
United Kingdom	1819	1836	1819	1827	1757	1757	1787	1526	1498	1337	**1337**	–	1.4%
Uzbekistan	232	232	232	232	232	232	232	232	232	232	**232**	–	0.2%
Other Europe & Eurasia	430	411	411	408	430	434	414	436	437	454	**463**	2.0%	0.5%
Total Europe & Eurasia	24649	24815	24554	24565	24396	24188	24244	23551	23635	23632	**23635**	◆	24.3%
Iran	1692	1772	1772	1805	1860	1860	1860	1952	1985	1985	**1985**	–	2.0%
Iraq	728	743	738	738	853	914	935	971	823	931	**933**	0.2%	1.0%
Israel	270	270	272	275	275	280	292	292	294	301	**301**	–	0.3%
Kuwait	936	936	936	936	936	936	936	936	936	936	**936**	–	1.0%
Qatar	137	137	137	137	283	283	283	283	283	283	**283**	–	0.3%
Saudi Arabia	2107	2107	2107	2107	2109	2109	2107	2107	2507	2899	**2899**	–	3.0%
United Arab Emirates	620	620	625	680	700	700	705	710	710	1143	**1143**	–	1.2%
Other Middle East	841	957	972	978	978	978	978	978	864	864	**864**	–	0.9%
Total Middle East	7331	7542	7559	7656	7994	8060	8096	8229	8402	9342	**9344**	◆	9.6%
Algeria	443	443	443	444	554	554	652	652	647	651	**651**	–	0.7%
Egypt	810	810	810	810	810	822	840	840	840	840	**840**	–	0.9%
South Africa	520	520	520	520	520	520	520	520	520	520	**520**	–	0.5%
Other Africa	1385	1262	1264	1339	1199	1301	1247	1453	1563	1578	**1578**	–	1.6%
Total Africa	3158	3035	3037	3113	3083	3197	3259	3465	3569	3589	**3589**	–	3.7%
Australia	718	694	733	734	734	740	742	663	662	536	**443**	-17.4%	0.5%
Bangladesh	33	33	33	33	36	36	36	37	40	40	**40**	–	◆
China	7752	8476	8751	9163	9479	10302	10834	11933	13304	14109	**14262**	1.1%	14.7%
India	2558	2872	2983	2992	3574	3703	3795	4279	4319	4319	**4307**	-0.3%	4.4%
Indonesia	1057	1157	1147	1052	1085	1141	1041	1041	1077	1055	**1116**	5.8%	1.1%
Japan	4531	4588	4650	4650	4630	4291	4274	4254	4123	3749	**3721**	-0.8%	3.8%
Malaysia	522	528	534	568	572	582	601	606	612	612	**612**	–	0.6%
New Zealand	102	102	103	103	136	136	136	136	136	136	**136**	–	0.1%
Pakistan	269	271	271	274	273	277	277	275	390	390	**390**	–	0.4%
Philippines	280	276	270	270	267	264	261	261	270	271	**271**	–	0.3%
Singapore	1420	1422	1427	1427	1427	1427	1427	1422	1414	1514	**1514**	–	1.6%
South Korea	2598	2633	2679	2712	2746	2774	2864	2878	2878	3110	**3110**	–	3.2%
Taiwan	1159	1140	1197	1197	1197	1197	1197	1197	1197	1197	**988**	-17.5%	1.0%
Thailand	1078	1100	1100	1165	1236	1230	1230	1230	1237	1252	**1252**	–	1.3%
Vietnam	11	11	11	11	159	159	159	159	159	159	**159**	–	0.2%
Other Asia Pacific	212	212	212	214	219	219	220	220	226	233	**233**	–	0.2%
Total Asia Pacific	24300	25515	26100	26564	27768	28477	29094	30590	32043	32682	**32554**	-0.4%	33.5%
Total World	**86562**	**88173**	**88746**	**89521**	**90570**	**91341**	**92110**	**93133**	**95065**	**96772**	**97227**	**0.5%**	**100.0%**
of which: OECD	45139	45396	45506	45724	45503	45071	44959	44810	44314	43912	**44120**	0.5%	45.4%
Non-OECD	41423	42778	43240	43797	45067	46270	47151	48323	50751	52860	**53107**	0.5%	54.6%
European Union	15922	15991	15772	15800	15525	15283	15201	14641	14247	14134	**14124**	-0.1%	14.5%
CIS	7410	7526	7484	7470	7554	7588	7742	7621	8065	8175	**8260**	1.0%	8.5%

*Atmospheric distillation capacity at year end 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.

Oil: Trade movements

Thousand barrels daily	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
Imports													
US	13525	13612	13632	12872	11453	11689	11338	10587	9859	9240	**9401**	1.7%	15.4%
Europe	13354	13530	14034	13885	12608	12201	12272	12569	12815	12619	**13648**	8.2%	22.3%
China	3427	3883	4172	4494	5100	5886	6295	6675	6978	7398	**8196**	10.8%	13.4%
Japan	5225	5201	5032	4925	4263	4567	4494	4743	4637	4383	**4346**	-0.8%	7.1%
Rest of World	16654	17352	19748	19550	20023	20025	20773	21213	23668	24542	**25631**	4.4%	41.9%
Total World	**52185**	**53578**	**56619**	**55726**	**53447**	**54368**	**55171**	**55787**	**57957**	**58182**	**61223**	**5.2%**	**100.0%**
Exports													
US	1129	1317	1439	1967	1947	2154	2495	2682	3563	4034	**4636**	14.9%	7.6%
Canada	2201	2330	2457	2498	2518	2599	2798	3056	3296	3534	**3828**	8.3%	6.3%
Mexico	2065	2102	1975	1609	1449	1539	1487	1366	1347	1293	**1372**	6.1%	2.2%
S. & Cent. America	3528	3681	3570	3616	3748	3568	3755	3830	3790	3922	**4068**	3.7%	6.6%
Europe	2231	2241	2305	2086	2074	1949	2106	2193	2578	2531	**2905**	14.8%	4.7%
Russia	6878	6792	7827	7540	7257	7397	7448	7457	7948	7842	**8253**	5.2%	13.5%
Other CIS	1118	1312	1538	1680	1790	1944	2080	1848	2102	1940	**1875**	-3.3%	3.1%
Middle East	19821	20204	19680	20128	18409	18883	19687	19581	20000	19945	**20619**	3.4%	33.7%
North Africa	3070	3225	3336	3260	2938	2871	1945	2596	2125	1695	**1632**	-3.7%	2.7%
West Africa	4358	4704	4830	4587	4364	4601	4637	4557	4428	4515	**4458**	-1.3%	7.3%
Asia Pacific†	4243	4312	6004	5392	5631	6226	6088	6299	6307	6425	**7006**	9.0%	11.4%
Rest of World	1542	1359	1656	1363	1323	637	646	322	476	507	**571**	12.6%	0.9%
Total World	**52185**	**53578**	**56619**	**55726**	**53447**	**54368**	**55171**	**55787**	**57957**	**58182**	**61223**	**5.2%**	**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.

Oil: Inter-area movements 2015

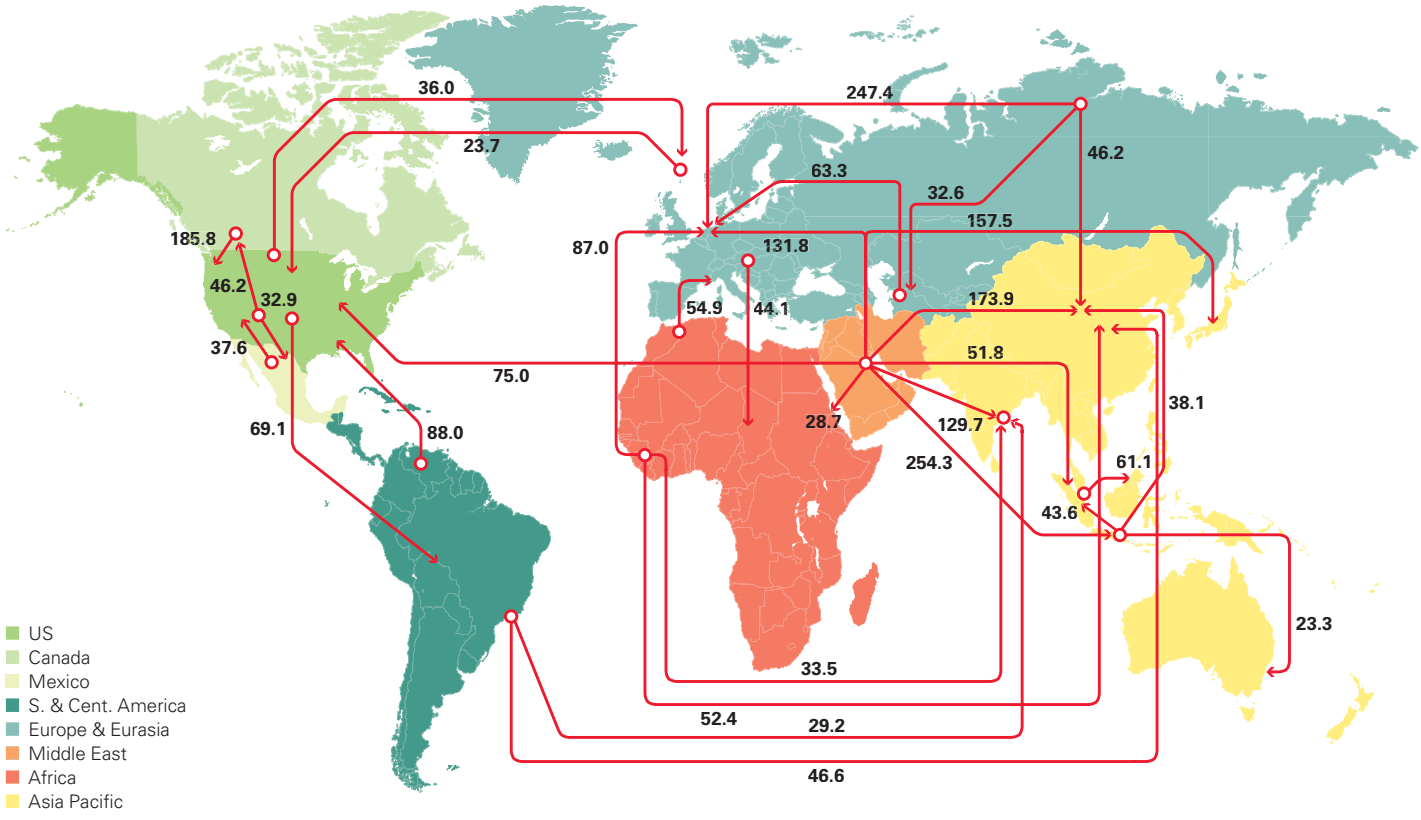
Crude (million tonnes)	To															
From	US	Canada	Mexico	S. & Cent. America	Europe	Russia	Other CIS	Middle East	Africa	Australasia	China	India	Japan	Singapore	Other Asia Pacific	**Total**
US	–	21.0	–	0.4	1.8	–	–	0.2	0.3	†	0.1	†	–	0.1	0.4	**24.5**
Canada	157.8	–	†	†	1.4	–	–	–	–	–	0.1	†	–	†	–	**159.4**
Mexico	34.3	–	–	0.4	13.7	–	–	–	–	–	0.8	6.3	2.2	–	2.0	**59.8**
S. & Cent. America	79.7	0.6	–	–	14.6	†	–	–	–	–	41.7	29.2	3.2	0.1	3.2	**172.4**
Europe	1.3	0.8	–	1.2	–	†	†	†	0.4	†	2.1	0.7	–	†	3.6	**10.2**
Russia	1.4	–	–	0.9	158.5	–	23.2	0.2	0.9	1.6	42.4	0.1	14.2	0.9	10.3	**254.7**
Other CIS	0.7	0.6	–	–	56.0	2.9	–	6.6	0.7	–	5.3	1.4	1.0	0.1	5.8	**81.0**
Middle East	74.1	4.1	–	4.9	108.3	†	–	–	12.9	6.3	170.4	114.5	139.7	37.5	206.9	**879.6**
North Africa	0.4	2.3	–	1.1	48.4	–	–	0.3	–	–	3.9	3.6	–	0.2	1.3	**61.5**
West Africa	13.6	3.2	–	10.8	85.3	–	–	–	–	2.4	52.3	33.5	1.0	0.1	13.3	**215.5**
East & S. Africa	–	–	–	–	†	–	–	–	–	–	8.3	0.2	–	–	–	**8.4**
Australasia	0.5	–	–	0.4	†	–	–	†	†	–	2.4	†	†	0.9	5.0	**9.2**
China	–	–	–	†	–	–	–	0.4	†	†	–	0.4	1.5	†	0.4	**2.8**
India	0.1	–	–	†	†	–	–	–	–	0.1	–	–	–	†	†	**0.2**
Japan	–	–	–	–	–	–	–	–	–	†	†	0.3	–	†	†	**0.3**
Singapore	–	–	–	–	–	–	–	–	–	†	†	–	–	–	0.1	**0.1**
Other Asia Pacific	2.2	–	–	†	†	–	–	0.1	–	14.1	5.9	4.9	4.9	5.8	–	**37.8**
Total imports	**366.0**	**32.7**	**†**	**20.1**	**488.1**	**2.9**	**23.2**	**7.9**	**15.2**	**24.5**	**335.8**	**195.1**	**167.8**	**45.7**	**252.3**	**1977.2**

Product (million tonnes)																
From																
US	–	25.2	32.9	68.7	34.2	†	†	1.9	6.2	0.4	8.9	3.8	7.9	4.6	3.6	**198.3**
Canada	28.0	–	†	0.2	0.8	†	†	†	†	†	0.4	0.1	0.5	†	†	**30.0**
Mexico	3.3	†	–	1.4	†	†	†	†	†	†	0.3	†	†	2.3	0.8	**8.2**
S. & Cent. America	8.3	0.1	0.3	–	4.0	†	†	0.1	0.5	†	4.9	†	0.1	9.7	0.8	**29.0**
Europe	22.3	3.3	3.5	6.9	–	0.2	2.9	12.8	43.7	0.6	2.3	0.3	0.9	23.0	6.5	**129.2**
Russia	15.6	0.2	0.1	0.9	88.9	–	9.5	4.4	2.6	†	3.8	0.1	1.9	13.9	8.4	**150.1**
Other CIS	0.9	0.1	†	†	7.3	1.4	–	0.1	†	†	0.3	†	†	0.6	1.1	**11.9**
Middle East	0.9	†	†	1.7	23.5	†	0.3	–	15.8	0.9	3.4	15.2	17.8	14.3	47.3	**141.3**
North Africa	5.3	†	†	3.0	6.5	†	†	0.2	–	†	–	0.4	1.3	0.3	2.1	**19.0**
West Africa	2.2	†	–	0.1	1.7	–	†	–	–	0.1	0.1	†	0.3	0.7	1.0	**6.2**
East & S. Africa	†	†	†	0.1	0.2	†	–	0.7	–	†	†	†	†	0.2	0.3	**1.5**
Australasia	–	†	†	†	†	†	†	†	†	–	0.1	†	1.0	1.3	0.6	**3.0**
China	0.3	0.2	0.1	3.7	2.3	0.3	0.1	1.1	1.4	1.2	–	0.6	0.7	7.0	17.7	**36.7**
India	3.9	0.1	†	3.0	10.8	†	†	14.1	6.2	1.2	1.1	–	2.3	6.0	6.3	**55.0**
Japan	0.8	†	–	0.7	0.2	†	†	0.1	†	3.6	2.1	†	–	4.0	5.8	**17.4**
Singapore	0.9	0.1	†	0.1	0.5	†	†	0.6	5.1	8.6	9.6	1.2	0.9	–	61.1	**88.7**
Other Asia Pacific	5.4	†	0.1	0.8	3.1	†	†	0.9	1.6	9.2	32.1	1.6	11.0	37.8	–	**103.6**
Total imports	**98.1**	**29.3**	**37.0**	**91.3**	**184.0**	**2.0**	**12.9**	**37.1**	**83.2**	**25.8**	**69.5**	**23.3**	**46.7**	**125.7**	**163.3**	**1029.3**

†Less than 0.05.

Major trade movements 2015

Trade flows worldwide (million tonnes)



Oil trade in 2014 and 2015

Million tonnes	2014 Crude imports	2014 Product imports	2014 Crude exports	2014 Product exports	2015 Crude imports	2015 Product imports	2015 Crude exports	2015 Product exports
US	365.7	90.7	17.8	175.9	366.0	98.1	24.5	198.3
Canada	29.0	26.6	148.5	26.3	32.7	29.3	159.4	30.0
Mexico	†	31.8	56.5	7.5	†	37.0	59.8	8.2
S. & Cent. America	23.4	86.3	162.5	31.5	20.1	91.3	172.4	29.0
Europe	449.7	171.6	10.1	111.3	488.1	184.0	10.2	129.2
Russia	1.5	3.0	241.2	143.5	2.9	2.0	254.7	150.1
Other CIS	23.2	13.7	80.7	15.3	23.2	12.9	81.0	11.9
Middle East	10.9	43.7	852.0	135.7	7.9	37.1	879.6	141.3
North Africa	9.7	29.2	61.8	21.7	8.1	32.7	61.5	19.0
West Africa	0.5	26.6	216.9	7.6	0.5	28.1	215.5	6.2
East & S. Africa	11.1	23.4	9.3	1.7	6.7	22.4	8.4	1.5
Australasia	26.8	21.7	11.4	3.4	24.5	25.8	9.2	3.0
China	309.2	56.9	0.6	31.4	335.8	69.5	2.8	36.7
India	188.4	16.9	†	57.7	195.1	23.3	0.2	55.0
Japan	168.5	47.8	†	13.6	167.8	46.7	0.3	17.4
Singapore	45.5	109.1	†	81.6	45.7	125.7	0.1	88.7
Other Asia Pacific	241.6	154.6	35.0	88.1	252.3	163.3	37.8	103.6
Total World	**1904.4**	**953.7**	**1904.4**	**953.7**	**1977.2**	**1029.3**	**1977.2**	**1029.3**

Thousand barrels daily								
US	7343	1897	357	3677	7351	2050	491	4145
Canada	582	556	2983	550	657	613	3200	627
Mexico	‡	664	1135	157	‡	774	1201	171
S. & Cent. America	470	1804	3264	658	404	1908	3462	605
Europe	9031	3588	204	2327	9801	3847	204	2701
Russia	30	62	4843	2999	57	41	5115	3139
Other CIS	465	287	1620	320	465	269	1626	249
Middle East	218	914	17109	2836	158	776	17665	2954
North Africa	194	610	1241	454	162	683	1235	397
West Africa	10	555	4356	159	9	588	4327	130
East & S. Africa	224	490	187	36	134	467	170	32
Australasia	538	453	230	70	491	540	184	63
China	6209	1189	12	657	6743	1453	57	767
India	3783	354	1	1207	3919	488	3	1150
Japan	3384	999	‡	283	3370	976	6	363
Singapore	914	2282	‡	1706	918	2628	1	1855
Other Asia Pacific	4852	3232	702	1841	5067	3415	759	2166
Total World	**38245**	**19937**	**38245**	**19937**	**39707**	**21516**	**39707**	**21516**

†Less than 0.05.
‡Less than 0.5.
Notes: Bunkers are not included as exports. Intra-area movements (for example, between countries in Europe) are excluded.
Crude imports and exports include condensates.

Natural gas

Total proved reserves

	At end 1995 Trillion cubic metres	At end 2005 Trillion cubic metres	At end 2014 Trillion cubic metres	At end 2015 Trillion cubic metres	Trillion cubic feet	Share of total	R/P ratio
US	4.7	5.8	10.4	**10.4**	**368.7**	5.6%	13.6
Canada	1.9	1.6	2.0	**2.0**	**70.2**	1.1%	12.2
Mexico	1.9	0.4	0.3	**0.3**	**11.4**	0.2%	6.1
Total North America	8.5	7.8	12.8	**12.8**	**450.3**	6.8%	13.0
Argentina	0.6	0.4	0.3	**0.3**	**11.7**	0.2%	9.1
Bolivia	0.1	0.8	0.3	**0.3**	**9.9**	0.2%	13.5
Brazil	0.2	0.3	0.5	**0.4**	**15.0**	0.2%	18.5
Colombia	0.2	0.1	0.1	**0.1**	**4.8**	0.1%	12.2
Peru	0.2	0.3	0.4	**0.4**	**14.6**	0.2%	33.1
Trinidad & Tobago	0.3	0.5	0.3	**0.3**	**11.5**	0.2%	8.2
Venezuela	4.1	4.3	5.6	**5.6**	**198.4**	3.0%	173.2
Other S. & Cent. America	0.2	0.1	0.1	**0.1**	**2.2**	◆	24.0
Total S. & Cent. America	5.9	6.9	7.6	**7.6**	**268.1**	4.1%	42.5
Azerbaijan	n/a	0.9	1.2	**1.1**	**40.6**	0.6%	63.2
Denmark	0.1	0.1	†	**†**	**1.1**	◆	6.7
Germany	0.2	0.2	†	**†**	**1.4**	◆	5.4
Italy	0.3	0.1	†	**†**	**1.6**	◆	7.3
Kazakhstan	n/a	1.3	0.9	**0.9**	**33.1**	0.5%	75.7
Netherlands	1.6	1.3	0.7	**0.7**	**23.8**	0.4%	15.7
Norway	1.4	2.4	1.9	**1.9**	**65.6**	1.0%	15.9
Poland	0.1	0.1	0.1	**0.1**	**3.3**	0.1%	23.1
Romania	0.4	0.6	0.1	**0.1**	**3.9**	0.1%	10.7
Russian Federation	31.1	31.2	32.4	**32.3**	**1139.6**	17.3%	56.3
Turkmenistan	n/a	2.3	17.5	**17.5**	**617.3**	9.4%	241.4
Ukraine	n/a	0.7	0.6	**0.6**	**21.3**	0.3%	34.7
United Kingdom	0.7	0.5	0.2	**0.2**	**7.3**	0.1%	5.2
Uzbekistan	n/a	1.2	1.1	**1.1**	**38.3**	0.6%	18.8
Other Europe & Eurasia	0.3	0.2	0.2	**0.2**	**7.0**	0.1%	31.4
Total Europe & Eurasia	40.2	43.0	57.0	**56.8**	**2005.1**	30.4%	57.4
Bahrain	0.1	0.1	0.2	**0.2**	**6.1**	0.1%	11.1
Iran	19.4	27.6	34.0	**34.0**	**1201.4**	18.2%	176.8
Iraq	3.4	3.2	3.7	**3.7**	**130.5**	2.0%	*
Israel	†	†	0.2	**0.2**	**6.4**	0.1%	21.9
Kuwait	1.5	1.6	1.8	**1.8**	**63.0**	1.0%	119.1
Oman	0.5	1.0	0.7	**0.7**	**24.3**	0.4%	19.7
Qatar	8.5	25.6	24.5	**24.5**	**866.2**	13.1%	135.2
Saudi Arabia	5.5	6.8	8.3	**8.3**	**294.0**	4.5%	78.2
Syria	0.2	0.3	0.3	**0.3**	**10.1**	0.2%	66.0
United Arab Emirates	5.9	6.1	6.1	**6.1**	**215.1**	3.3%	109.2
Yemen	0.3	0.3	0.3	**0.3**	**9.4**	0.1%	100.0
Other Middle East	†	†	†	**†**	**0.2**	◆	44.9
Total Middle East	45.3	72.6	80.1	**80.0**	**2826.6**	42.8%	129.5
Algeria	3.7	4.5	4.5	**4.5**	**159.1**	2.4%	54.3
Egypt	0.6	1.9	1.8	**1.8**	**65.2**	1.0%	40.5
Libya	1.3	1.3	1.5	**1.5**	**53.1**	0.8%	118.0
Nigeria	3.5	5.2	5.1	**5.1**	**180.5**	2.7%	102.1
Other Africa	0.8	1.2	1.2	**1.1**	**38.8**	0.6%	53.9
Total Africa	9.9	14.1	14.1	**14.1**	**496.7**	7.5%	66.4
Australia	1.2	2.2	3.5	**3.5**	**122.6**	1.9%	51.8
Bangladesh	0.3	0.4	0.2	**0.2**	**8.2**	0.1%	8.7
Brunei	0.4	0.3	0.3	**0.3**	**9.7**	0.1%	21.7
China	1.7	1.6	3.7	**3.8**	**135.7**	2.1%	27.8
India	0.7	1.1	1.4	**1.5**	**52.6**	0.8%	50.9
Indonesia	2.0	2.5	2.8	**2.8**	**100.3**	1.5%	37.8
Malaysia	2.3	2.5	1.2	**1.2**	**41.3**	0.6%	17.1
Myanmar	0.3	0.5	0.5	**0.5**	**18.7**	0.3%	27.0
Pakistan	0.6	0.9	0.5	**0.5**	**19.2**	0.3%	12.9
Papua New Guinea	†	†	0.2	**0.1**	**5.0**	0.1%	14.3
Thailand	0.2	0.3	0.2	**0.2**	**7.8**	0.1%	5.5
Vietnam	0.1	0.2	0.6	**0.6**	**21.8**	0.3%	57.9
Other Asia Pacific	0.4	0.4	0.3	**0.3**	**9.9**	0.2%	15.8
Total Asia Pacific	10.1	13.0	15.4	**15.6**	**552.6**	8.4%	28.1
Total World	**119.9**	**157.3**	**187.0**	**186.9**	**6599.4**	**100.0%**	**52.8**
of which: OECD	14.5	14.9	19.7	**19.6**	**690.8**	10.5%	15.1
Non-OECD	105.4	142.4	167.3	**167.3**	**5908.6**	89.5%	74.5
European Union	3.6	3.0	1.3	**1.3**	**46.0**	0.7%	10.8
CIS	31.1	37.6	53.7	**53.6**	**1891.3**	28.7%	71.3

*More than 500 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. The data series for total proved natural gas reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at a company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.

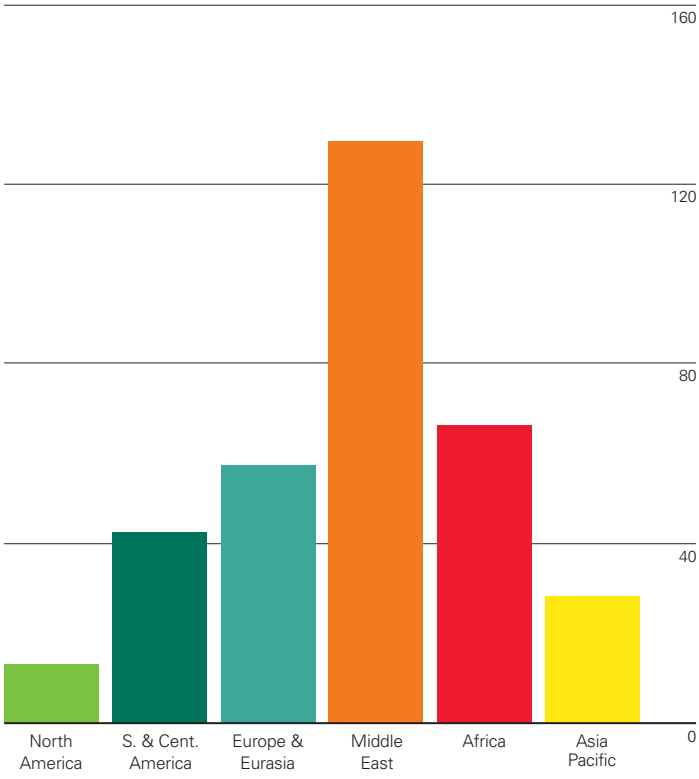
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

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.

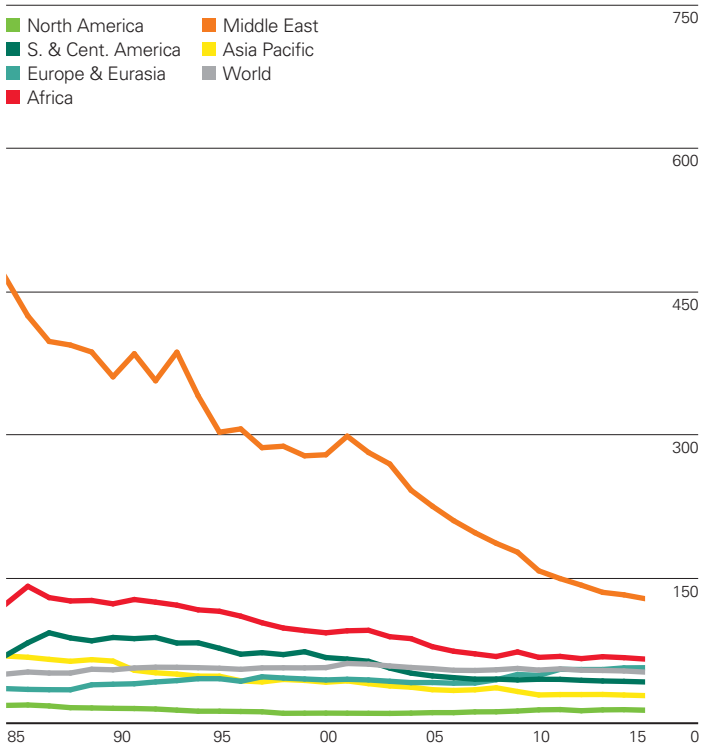
Reserves-to-production (R/P) ratios

Years

2015 by region



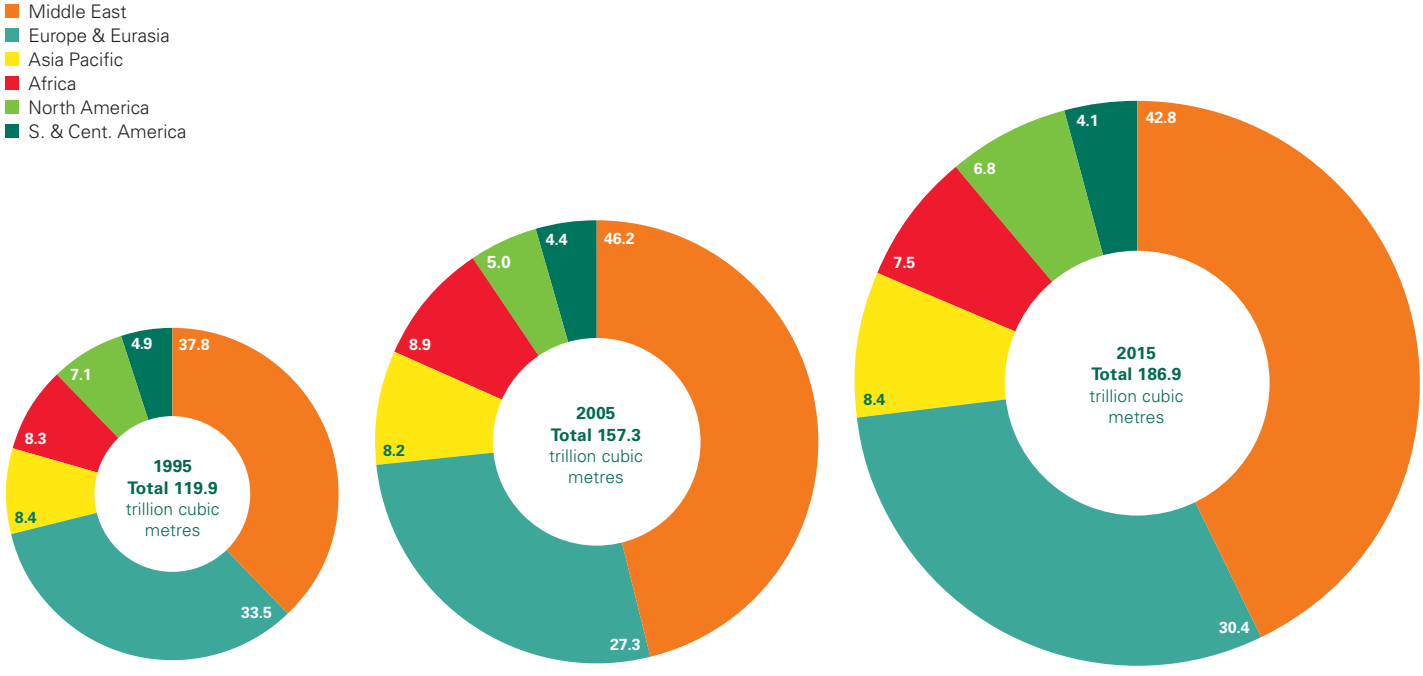
History



As was the case for oil, global proved natural gas reserves in 2015 fell slightly, (by 0.1 trillion cubic metres (tcm), or -0.1%) to 186.9 tcm, sufficient to meet 52.8 years of current production. Small declines in Russian and Norwegian reserves drove the decline. Reserves have increased by 29.6 tcm over the past decade. The Middle East region holds the largest proved reserves (80 tcm, 42.8% of the global total), and has the highest regional R/P ratio (129.5 years). Lags in reporting official data mean that 2015 figures for many countries are not yet available.

Distribution of proved reserves in 1995, 2005 and 2015

Percentage



Natural gas: Production in billion cubic metres*

Billion cubic metres	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	511.1	524.0	545.6	570.8	584.0	603.6	648.5	680.5	685.4	728.5	**767.3**	5.4%	22.0%
Canada	187.1	188.4	182.7	176.6	164.0	159.9	159.7	155.7	156.1	162.0	**163.5**	0.9%	4.6%
Mexico	52.2	57.3	53.6	53.4	59.3	57.6	58.3	57.2	58.2	57.1	**53.2**	-6.8%	1.5%
Total North America	750.5	769.7	781.8	800.8	807.3	821.1	866.5	893.5	899.7	947.7	**984.0**	3.9%	28.1%
Argentina	45.6	46.1	44.8	44.1	41.4	40.1	38.8	37.7	35.5	35.5	**36.5**	2.9%	1.0%
Bolivia	12.0	12.9	13.8	14.3	12.3	14.2	15.6	17.8	20.3	21.0	**20.9**	-0.7%	0.6%
Brazil	10.9	11.2	11.2	14.0	11.9	14.6	16.7	19.3	21.3	22.6	**22.9**	1.3%	0.6%
Colombia	6.7	7.0	7.5	9.1	10.5	11.3	11.0	12.0	12.6	11.8	**11.0**	-6.5%	0.3%
Peru	1.5	1.8	2.7	3.4	3.5	7.2	11.3	11.9	12.2	12.9	**12.5**	-3.3%	0.4%
Trinidad & Tobago	33.0	40.1	42.2	42.0	43.6	44.8	43.1	42.7	42.8	42.1	**39.6**	-5.8%	1.1%
Venezuela	27.4	31.5	36.2	32.8	31.0	30.6	27.6	29.5	28.4	28.6	**32.4**	13.2%	0.9%
Other S. & Cent. America	3.2	3.6	3.6	3.5	3.4	3.4	3.0	2.8	2.6	2.6	**2.6**	0.2%	0.1%
Total S. & Cent. America	140.5	154.1	162.1	163.0	157.7	166.2	167.0	173.6	175.9	177.1	**178.5**	0.7%	5.0%
Azerbaijan	5.2	6.1	9.8	14.8	14.8	15.1	14.8	15.6	16.2	17.6	**18.2**	3.4%	0.5%
Denmark	10.4	10.4	9.2	10.1	8.4	8.2	6.6	5.8	4.8	4.6	**4.6**	-0.4%	0.1%
Germany	15.8	15.6	14.3	13.0	12.2	10.6	10.0	9.0	8.2	7.7	**7.2**	-6.9%	0.2%
Italy	11.1	10.1	8.8	8.4	7.3	7.6	7.7	7.8	7.0	6.5	**6.2**	-5.3%	0.2%
Kazakhstan	9.0	8.9	9.0	11.6	10.7	10.5	10.5	11.3	11.9	12.2	**12.4**	1.7%	0.3%
Netherlands	62.5	61.5	60.5	66.5	62.7	70.5	64.1	63.8	68.6	55.7	**43.0**	-22.8%	1.2%
Norway	85.8	88.7	90.3	100.1	104.4	107.3	101.3	114.7	108.7	108.8	**117.2**	7.7%	3.3%
Poland	4.3	4.3	4.3	4.1	4.1	4.1	4.3	4.3	4.2	4.1	**4.1**	-1.2%	0.1%
Romania	12.4	10.6	10.3	10.0	9.9	9.6	9.6	10.0	9.6	9.7	**10.3**	5.9%	0.3%
Russian Federation	580.1	595.2	592.0	601.7	527.7	588.9	607.0	592.3	604.7	581.7	**573.3**	-1.5%	16.1%
Turkmenistan	57.0	60.4	65.4	66.1	36.4	42.4	59.5	62.3	62.3	69.3	**72.4**	4.5%	2.0%
Ukraine	18.6	18.7	18.7	19.0	19.3	18.5	18.7	18.6	18.5	17.9	**17.4**	-2.8%	0.5%
United Kingdom	88.2	80.0	72.1	69.6	59.7	57.1	45.2	38.9	36.5	36.8	**39.7**	7.8%	1.1%
Uzbekistan	54.0	56.6	58.2	57.8	55.6	54.4	57.0	56.9	56.9	57.3	**57.7**	0.8%	1.6%
Other Europe & Eurasia	10.4	10.2	10.3	9.8	9.7	9.7	9.2	8.5	7.3	6.5	**6.3**	-4.0%	0.2%
Total Europe & Eurasia	1024.8	1037.3	1033.3	1062.7	942.7	1014.5	1025.5	1019.8	1025.6	996.5	**989.8**	-0.7%	27.8%
Bahrain	10.7	11.3	11.8	12.7	12.8	13.1	13.3	13.7	14.7	15.5	**15.5**	0.4%	0.4%
Iran	102.3	111.5	124.9	130.8	143.7	152.4	159.9	166.2	166.8	182.0	**192.5**	5.7%	5.4%
Iraq	1.5	1.5	1.5	1.9	1.1	1.3	0.9	0.6	1.2	0.9	**1.0**	13.5%	◆
Kuwait	12.2	12.5	12.1	12.8	11.5	11.7	13.5	15.5	16.3	15.0	**15.0**	-0.4%	0.4%
Oman	22.1	25.8	26.1	26.0	27.0	29.3	30.9	32.2	34.8	33.3	**34.9**	4.8%	1.0%
Qatar	45.8	50.7	63.2	77.0	89.3	131.2	145.3	157.0	177.6	174.1	**181.4**	4.2%	5.1%
Saudi Arabia	71.2	73.5	74.4	80.4	78.5	87.7	92.3	99.3	100.0	102.4	**106.4**	4.0%	3.0%
Syria	5.5	5.6	5.4	5.3	5.9	8.0	7.1	5.8	5.1	4.7	**4.3**	-7.9%	0.1%
United Arab Emirates	47.8	48.8	50.3	50.2	48.8	51.3	52.3	54.3	54.6	54.2	**55.8**	2.8%	1.6%
Yemen	–	–	–	–	0.8	6.2	9.0	7.3	9.9	9.3	**2.7**	-71.5%	0.1%
Other Middle East	1.9	2.6	3.0	3.6	2.9	3.4	4.4	2.7	6.5	7.7	**8.4**	9.6%	0.2%
Total Middle East	321.0	343.7	372.7	400.7	422.2	495.6	528.8	554.7	587.5	599.1	**617.9**	3.1%	17.4%
Algeria	88.2	84.5	84.8	85.8	79.6	80.4	82.7	81.5	82.4	83.3	**83.0**	-0.4%	2.3%
Egypt	42.5	54.7	55.7	59.0	62.7	61.3	61.4	60.9	56.1	48.8	**45.6**	-6.6%	1.3%
Libya	11.3	13.2	15.3	15.9	15.9	16.8	7.9	12.2	10.4	11.8	**12.8**	8.0%	0.4%
Nigeria	25.0	29.6	36.9	36.2	26.0	37.3	40.6	43.3	36.2	45.0	**50.1**	11.1%	1.4%
Other Africa	10.0	10.6	10.7	15.1	15.6	17.4	19.1	18.2	20.8	19.0	**20.4**	7.1%	0.6%
Total Africa	177.0	192.6	203.4	212.0	199.7	213.3	211.7	216.0	205.9	208.0	**211.8**	1.8%	6.0%
Australia	39.2	41.7	44.6	44.5	49.0	52.6	51.9	56.3	57.8	61.3	**67.1**	9.4%	1.9%
Bangladesh	13.8	14.9	15.9	17.0	19.5	20.0	20.3	22.2	22.8	23.9	**26.8**	12.2%	0.8%
Brunei	12.0	12.6	12.3	12.2	11.4	12.3	12.8	12.6	12.2	11.9	**12.7**	7.1%	0.4%
China	51.0	60.6	71.6	83.1	88.2	99.1	109.0	111.8	122.2	131.6	**138.0**	4.8%	3.9%
India	29.6	29.3	30.1	30.5	37.6	49.3	44.5	38.8	32.2	30.4	**29.2**	-3.8%	0.8%
Indonesia	75.1	74.3	71.5	73.7	76.9	85.7	81.5	77.1	76.5	75.3	**75.0**	-0.3%	2.1%
Malaysia	63.8	62.5	61.4	63.6	60.9	60.9	62.0	61.3	67.1	66.7	**68.2**	2.2%	1.9%
Myanmar	12.2	12.6	13.5	12.4	11.6	12.4	12.8	12.7	13.1	16.8	**19.6**	16.4%	0.6%
Pakistan	39.1	39.9	40.5	41.4	41.6	42.3	42.3	43.8	42.6	41.9	**41.9**	◆	1.2%
Thailand	23.7	24.3	26.0	28.8	30.9	36.2	37.0	41.4	41.8	42.1	**39.8**	-5.4%	1.1%
Vietnam	6.4	7.0	7.1	7.5	8.0	9.4	8.5	9.4	9.8	10.2	**10.7**	4.4%	0.3%
Other Asia Pacific	11.1	14.2	16.8	17.8	18.1	17.6	17.8	17.6	18.1	22.7	**27.7**	21.8%	0.8%
Total Asia Pacific	377.0	393.9	411.2	432.5	453.6	497.8	500.4	505.0	516.2	534.8	**556.7**	4.1%	15.7%
Total World	**2790.9**	**2891.2**	**2964.5**	**3071.7**	**2983.3**	**3208.5**	**3299.9**	**3362.6**	**3410.7**	**3463.2**	**3538.6**	**2.2%**	**100.0%**
of which: OECD	1086.1	1100.0	1105.2	1136.8	1134.1	1158.9	1176.7	1211.3	1215.6	1253.6	**1293.2**	3.2%	36.8%
Non-OECD	1704.8	1791.2	1859.3	1934.9	1849.2	2049.6	2123.2	2151.3	2195.1	2209.6	**2245.5**	1.6%	63.2%
European Union	213.7	201.3	188.5	190.2	172.8	176.3	155.3	146.7	145.1	130.5	**120.1**	-8.0%	3.4%
CIS	724.1	746.2	753.4	771.1	664.6	730.0	767.8	757.2	770.7	756.2	**751.6**	-0.6%	21.1%

*Excludes 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*

Natural gas: Consumption in billion cubic metres*

Billion cubic metres	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	623.4	614.4	654.2	659.1	648.7	682.1	693.1	723.2	740.6	756.0	**778.0**	3.0%	22.8%
Canada	97.8	96.9	96.2	96.1	94.9	95.0	100.9	100.2	103.9	104.2	**102.5**	-1.7%	2.9%
Mexico	60.9	66.6	63.4	66.3	72.2	72.5	76.6	79.9	83.3	86.8	**83.2**	-4.2%	2.4%
Total North America	782.1	778.0	813.8	821.5	815.9	849.6	870.6	903.3	927.8	947.1	**963.6**	1.9%	28.1%
Argentina	40.4	41.8	43.9	44.4	42.1	43.2	45.2	46.8	46.5	47.1	**47.5**	0.8%	1.4%
Brazil	19.6	20.6	21.2	24.9	20.1	26.8	26.7	31.7	37.3	39.4	**40.9**	3.8%	1.2%
Chile	7.8	7.2	4.3	2.4	2.4	4.9	5.0	4.6	4.6	3.8	**3.9**	2.9%	0.1%
Colombia	6.7	7.0	7.4	7.6	8.7	9.1	8.8	9.8	10.0	10.9	**10.5**	-3.2%	0.3%
Ecuador	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.6	0.6	0.7	**0.6**	-3.5%	◆
Peru	1.5	1.8	2.7	3.4	3.5	5.6	6.2	6.8	6.6	7.2	**7.5**	4.2%	0.2%
Trinidad & Tobago	16.3	21.2	21.9	21.3	22.2	23.2	23.3	22.2	22.4	22.0	**21.5**	-2.0%	0.6%
Venezuela	27.4	31.5	36.2	34.3	32.3	32.2	29.7	31.4	30.5	30.7	**34.5**	12.4%	1.0%
Other S. & Cent. America	3.4	3.9	4.4	4.7	5.1	5.4	6.1	6.7	7.3	7.7	**7.7**	◆	0.2%
Total S. & Cent. America	123.5	135.4	142.5	143.4	136.8	150.8	151.5	160.6	165.8	169.5	**174.8**	3.1%	5.0%
Austria	9.9	9.3	8.8	9.4	9.2	10.0	9.4	8.9	8.6	7.9	**8.3**	6.1%	0.2%
Azerbaijan	8.6	9.1	8.0	9.2	7.8	7.4	8.1	8.5	8.6	9.4	**9.8**	4.1%	0.3%
Belarus	18.4	18.8	18.8	19.3	16.1	19.7	18.3	18.5	18.5	18.3	**17.2**	-6.2%	0.5%
Belgium	16.4	16.7	16.6	16.5	16.8	18.9	15.8	16.0	15.8	13.8	**15.1**	9.6%	0.4%
Bulgaria	3.1	3.2	3.2	3.2	2.3	2.6	2.9	2.7	2.6	2.6	**2.9**	9.7%	0.1%
Czech Republic	8.6	8.4	7.9	7.9	7.4	8.5	7.7	7.6	7.7	6.9	**7.2**	4.9%	0.2%
Denmark	5.0	5.1	4.6	4.6	4.4	5.0	4.2	3.9	3.7	3.2	**3.2**	0.3%	0.1%
Finland	4.0	4.2	3.9	4.0	3.6	3.9	3.5	3.1	2.8	2.5	**2.1**	-16.4%	0.1%
France	45.6	44.0	42.8	44.3	42.7	47.3	41.1	42.5	43.1	36.2	**39.1**	7.8%	1.1%
Germany	86.3	87.9	84.7	85.5	80.7	84.1	77.3	77.5	81.2	71.1	**74.6**	5.0%	2.1%
Greece	2.7	3.1	3.7	3.9	3.3	3.6	4.4	4.0	3.6	2.7	**2.8**	3.8%	0.1%
Hungary	14.7	14.5	13.5	13.4	11.7	12.5	11.1	10.1	9.2	8.4	**8.9**	6.6%	0.3%
Ireland	3.9	4.4	4.8	5.0	4.7	5.2	4.6	4.5	4.3	4.1	**4.2**	1.1%	0.1%
Italy	79.1	77.4	77.3	77.2	71.0	75.6	70.9	68.2	63.8	56.3	**61.4**	9.1%	1.8%
Kazakhstan	5.3	7.9	6.3	7.0	6.6	4.5	5.1	6.8	7.0	7.6	**8.6**	12.9%	0.2%
Lithuania	2.8	2.7	3.2	2.9	2.4	2.8	3.0	2.9	2.4	2.3	**2.3**	0.1%	0.1%
Netherlands	39.3	38.1	37.0	38.5	38.9	43.5	38.0	36.4	37.0	32.0	**31.8**	-0.7%	0.9%
Norway	4.5	4.4	4.3	4.3	4.1	4.1	4.4	4.4	4.4	4.7	**4.8**	3.1%	0.1%
Poland	13.6	13.7	13.8	14.9	14.4	15.5	15.7	16.6	16.6	16.3	**16.7**	3.0%	0.5%
Portugal	4.2	4.1	4.3	4.7	4.7	5.1	5.2	4.5	4.3	4.1	**4.3**	6.6%	0.1%
Romania	17.6	15.9	14.1	14.0	11.7	12.0	12.3	12.4	11.3	10.5	**10.3**	-1.9%	0.3%
Russian Federation	394.0	415.0	422.0	416.0	389.6	414.1	424.6	416.2	413.5	411.9	**391.5**	-5.0%	11.2%
Slovakia	6.6	6.0	5.7	5.7	4.9	5.6	5.2	4.9	5.3	4.2	**4.3**	2.2%	0.1%
Spain	33.2	34.7	35.3	38.8	34.7	34.6	32.1	31.7	29.0	26.3	**27.6**	4.9%	0.8%
Sweden	0.8	0.9	1.0	0.9	1.1	1.6	1.3	1.1	1.1	0.9	**0.9**	-4.5%	◆
Switzerland	2.8	2.7	2.6	2.8	2.7	3.0	2.7	2.9	3.1	2.7	**2.9**	6.8%	0.1%
Turkey	26.9	30.5	36.1	37.5	35.7	39.0	40.9	41.4	41.8	44.7	**43.6**	-2.4%	1.3%
Turkmenistan	16.1	18.4	21.3	21.4	19.7	22.6	23.5	26.3	22.9	27.7	**34.3**	23.9%	1.0%
Ukraine	69.0	67.0	63.2	60.0	46.8	52.2	53.7	49.6	43.3	36.8	**28.8**	-21.8%	0.8%
United Kingdom	94.9	90.0	91.0	93.8	87.0	94.2	78.1	73.9	73.0	66.7	**68.3**	2.4%	2.0%
Uzbekistan	42.7	41.9	45.9	48.7	39.9	40.8	47.6	47.2	46.8	48.8	**50.3**	3.1%	1.4%
Other Europe & Eurasia	13.3	17.2	15.3	17.2	14.9	16.4	16.6	16.3	15.0	14.9	**15.3**	2.8%	0.4%
Total Europe & Eurasia	1093.5	1117.2	1120.6	1132.7	1041.5	1116.0	1089.1	1071.6	1051.2	1006.4	**1003.5**	-0.3%	28.8%
Iran	102.7	112.0	125.5	133.2	142.7	152.9	162.2	161.5	162.9	180.0	**191.2**	6.2%	5.5%
Israel	1.7	2.3	2.8	3.8	4.2	5.3	5.0	2.6	6.9	7.6	**8.4**	11.0%	0.2%
Kuwait	12.2	12.5	12.1	12.8	12.4	14.5	16.5	18.4	18.6	18.6	**19.4**	4.2%	0.6%
Qatar	18.7	19.6	23.6	19.0	19.9	32.1	20.7	25.9	42.7	39.7	**45.2**	13.8%	1.3%
Saudi Arabia	71.2	73.5	74.4	80.4	78.5	87.7	92.3	99.3	100.0	102.4	**106.4**	4.0%	3.1%
United Arab Emirates	42.1	43.4	49.2	59.5	59.1	60.8	63.2	65.6	67.3	66.3	**69.1**	4.3%	2.0%
Other Middle East	30.7	33.5	34.3	38.4	41.5	46.2	44.7	44.7	48.5	46.9	**50.5**	7.7%	1.4%
Total Middle East	279.3	296.8	321.8	347.0	358.2	399.5	404.6	417.9	446.9	461.4	**490.2**	6.2%	14.1%
Algeria	23.2	23.7	24.3	25.4	27.2	26.3	27.8	31.0	33.4	37.5	**39.0**	4.1%	1.1%
Egypt	31.6	36.5	38.4	40.8	42.5	45.1	49.6	52.6	51.4	48.0	**47.8**	-0.4%	1.4%
South Africa	3.1	3.5	3.5	3.7	3.4	3.9	4.1	4.4	4.6	5.0	**5.0**	1.1%	0.1%
Other Africa	27.1	25.9	30.5	30.8	26.4	31.8	32.7	35.3	33.5	37.9	**43.6**	15.0%	1.3%
Total Africa	85.1	89.6	96.7	100.7	99.6	107.2	114.2	123.4	122.9	128.4	**135.5**	5.5%	3.9%
Australia	24.9	27.7	31.5	31.9	32.2	33.2	32.5	33.2	34.3	36.0	**34.3**	-4.5%	1.0%
Bangladesh	13.8	14.9	15.9	17.0	19.5	20.0	20.3	22.2	22.8	23.9	**26.8**	12.2%	0.8%
China	48.2	59.3	73.0	84.1	92.6	111.2	137.1	150.9	171.9	188.4	**197.3**	4.7%	5.7%
China Hong Kong SAR	2.7	2.9	2.7	3.2	3.1	3.8	3.1	2.8	2.6	2.5	**3.2**	27.6%	0.1%
India	35.7	37.3	40.3	41.5	50.7	61.5	61.9	57.5	50.4	50.6	**50.6**	-0.1%	1.5%
Indonesia	35.9	36.6	34.1	39.1	41.5	43.4	42.1	42.2	40.8	40.9	**39.7**	-2.7%	1.1%
Japan	78.6	83.7	90.2	93.7	87.4	94.5	105.5	116.9	116.9	118.0	**113.4**	-3.9%	3.3%
Malaysia	34.9	35.3	35.5	39.2	35.4	34.5	34.8	35.5	40.3	40.8	**39.8**	-2.4%	1.1%
New Zealand	3.6	3.7	4.0	3.8	4.0	4.3	3.9	4.2	4.5	4.9	**4.5**	-7.4%	0.1%
Pakistan	39.1	39.9	40.5	41.4	41.6	42.3	42.3	43.8	42.6	41.9	**43.4**	3.5%	1.2%
Philippines	3.1	3.0	3.6	3.7	3.8	3.5	3.9	3.7	3.4	3.6	**3.3**	-6.1%	0.1%
Singapore	6.5	8.6	8.6	9.2	9.7	8.8	8.7	9.4	10.5	10.9	**11.3**	3.6%	0.3%
South Korea	30.4	32.0	34.7	35.7	33.9	43.0	46.3	50.2	52.5	47.8	**43.6**	-8.7%	1.3%
Taiwan	9.4	10.1	10.7	11.6	11.4	14.1	15.5	16.3	16.3	17.2	**18.4**	7.0%	0.5%
Thailand	32.5	33.3	35.4	37.4	39.2	45.1	46.6	51.3	52.3	52.7	**52.9**	0.3%	1.5%
Vietnam	6.4	7.0	7.1	7.5	8.0	9.4	8.5	9.4	9.8	10.2	**10.7**	4.4%	0.3%
Other Asia Pacific	5.2	5.5	6.0	5.8	5.3	5.8	6.3	6.2	6.4	7.2	**7.8**	8.3%	0.2%
Total Asia Pacific	410.8	440.8	473.8	506.0	519.2	578.4	619.1	655.8	678.4	697.4	**701.1**	0.5%	20.1%
Total World	**2774.3**	**2857.7**	**2969.2**	**3051.2**	**2971.1**	**3201.4**	**3249.2**	**3332.5**	**3392.9**	**3410.2**	**3468.6**	**1.7%**	**100.0%**
of which: OECD	1434.9	1438.2	1484.0	1509.8	1466.5	1558.8	1544.6	1581.6	1609.2	1582.8	**1606.1**	1.5%	46.5%
Non-OECD	1339.4	1419.6	1485.2	1541.5	1504.6	1642.7	1704.6	1751.0	1783.7	1827.4	**1862.6**	1.9%	53.5%
European Union	499.5	492.1	484.9	496.9	464.4	499.6	450.5	439.8	432.4	384.5	**402.1**	4.6%	11.5%
CIS	558.3	583.0	590.9	587.1	531.4	566.4	586.2	578.9	565.1	565.5	**545.4**	-3.6%	15.7%

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

The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

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

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

Natural gas: Production in million tonnes oil equivalent*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	467.6	479.3	498.6	521.7	532.7	549.5	589.8	620.2	626.4	669.1	**705.3**	5.4%	22.0%
Canada	168.4	169.6	164.4	158.9	147.6	143.9	143.7	140.2	140.5	145.8	**147.2**	0.9%	4.6%
Mexico	47.0	51.6	48.2	48.0	53.3	51.8	52.4	51.5	52.4	51.4	**47.9**	-6.8%	1.5%
Total North America	683.0	700.5	711.2	728.6	733.6	745.2	786.0	811.8	819.3	866.3	**900.4**	3.9%	28.1%
Argentina	41.1	41.5	40.3	39.7	37.3	36.1	34.9	34.0	32.0	31.9	**32.8**	2.9%	1.0%
Bolivia	10.8	11.6	12.4	12.9	11.1	12.8	14.0	16.0	18.3	18.9	**18.8**	-0.7%	0.6%
Brazil	9.8	10.0	10.1	12.6	10.7	13.1	15.1	17.3	19.2	20.4	**20.6**	1.3%	0.6%
Colombia	6.0	6.3	6.8	8.2	9.5	10.1	9.9	10.8	11.4	10.6	**9.9**	-6.5%	0.3%
Peru	1.4	1.6	2.4	3.1	3.1	6.5	10.2	10.7	11.0	11.6	**11.2**	-3.3%	0.4%
Trinidad & Tobago	29.7	36.1	38.0	37.8	39.3	40.3	38.8	38.4	38.6	37.9	**35.7**	-5.8%	1.1%
Venezuela	24.7	28.3	32.6	29.5	27.9	27.6	24.8	26.5	25.6	25.8	**29.2**	13.2%	0.9%
Other S. & Cent. America	2.9	3.2	3.3	3.1	3.1	3.1	2.7	2.5	2.4	2.4	**2.4**	0.2%	0.1%
Total S. & Cent. America	126.5	138.7	145.9	146.7	141.9	149.6	150.3	156.2	158.3	159.4	**160.6**	0.7%	5.0%
Azerbaijan	4.7	5.5	8.8	13.3	13.3	13.6	13.3	14.0	14.6	15.8	**16.4**	3.4%	0.5%
Denmark	9.4	9.4	8.3	9.1	7.6	7.4	5.9	5.2	4.4	4.2	**4.1**	-0.4%	0.1%
Germany	14.2	14.1	12.9	11.7	11.0	9.6	9.0	8.1	7.4	7.0	**6.5**	-6.9%	0.2%
Italy	10.0	9.1	7.9	7.6	6.6	6.9	6.9	7.0	6.3	5.9	**5.5**	-5.3%	0.2%
Kazakhstan	8.1	8.0	8.1	10.4	9.6	9.5	9.4	10.2	10.7	10.9	**11.1**	1.7%	0.3%
Netherlands	56.2	55.4	54.4	59.9	56.4	63.4	57.7	57.4	61.8	50.1	**38.7**	-22.8%	1.2%
Norway	77.3	79.8	81.3	90.1	93.9	96.5	91.1	103.3	97.9	97.9	**105.4**	7.7%	3.3%
Poland	3.9	3.9	3.9	3.7	3.7	3.7	3.8	3.9	3.8	3.7	**3.7**	-1.2%	0.1%
Romania	11.2	9.6	9.2	9.0	8.9	8.6	8.7	9.0	8.6	8.8	**9.3**	5.9%	0.3%
Russian Federation	522.1	535.6	532.8	541.5	474.9	530.0	546.3	533.0	544.2	523.6	**516.0**	-1.5%	16.1%
Turkmenistan	51.3	54.3	58.9	59.5	32.7	38.1	53.6	56.1	56.1	62.3	**65.2**	4.5%	2.0%
Ukraine	16.7	16.9	16.9	17.1	17.3	16.7	16.8	16.7	16.6	16.1	**15.7**	-2.8%	0.5%
United Kingdom	79.4	72.0	64.9	62.7	53.7	51.4	40.7	35.0	32.8	33.1	**35.7**	7.8%	1.1%
Uzbekistan	48.6	51.0	52.4	52.0	50.0	49.0	51.3	51.2	51.2	51.6	**52.0**	0.8%	1.6%
Other Europe & Eurasia	9.4	9.1	9.3	8.9	8.7	8.8	8.3	7.6	6.6	5.9	**5.6**	-4.0%	0.2%
Total Europe & Eurasia	922.3	933.6	930.0	956.5	848.5	913.1	923.0	917.9	923.0	896.8	**890.8**	-0.7%	27.8%
Bahrain	9.6	10.2	10.6	11.4	11.5	11.8	12.0	12.4	13.2	13.9	**14.0**	0.4%	0.4%
Iran	92.1	100.3	112.5	117.7	129.3	137.1	143.9	149.5	150.1	163.8	**173.2**	5.7%	5.4%
Iraq	1.3	1.3	1.3	1.7	1.0	1.2	0.8	0.6	1.1	0.8	**0.9**	13.5%	◆
Kuwait	11.0	11.3	10.9	11.5	10.3	10.6	12.2	14.0	14.7	13.5	**13.5**	-0.4%	0.4%
Oman	19.9	23.2	23.5	23.4	24.3	26.4	27.8	29.0	31.3	30.0	**31.4**	4.8%	1.0%
Qatar	41.2	45.6	56.9	69.3	80.4	118.0	130.7	141.3	159.8	156.7	**163.3**	4.2%	5.1%
Saudi Arabia	64.1	66.1	67.0	72.4	70.6	78.9	83.0	89.4	90.0	92.1	**95.8**	4.0%	3.0%
Syria	4.9	5.1	4.9	4.8	5.3	7.2	6.4	5.2	4.6	4.2	**3.9**	-7.9%	0.1%
United Arab Emirates	43.0	43.9	45.3	45.2	44.0	46.2	47.1	48.9	49.1	48.8	**50.2**	2.8%	1.6%
Yemen	–	–	–	–	0.7	5.6	8.1	6.5	8.9	8.4	**2.4**	-71.5%	0.1%
Other Middle East	1.7	2.3	2.7	3.3	2.6	3.1	4.0	2.4	5.9	6.9	**7.6**	9.6%	0.2%
Total Middle East	288.9	309.3	335.4	360.6	380.0	446.0	475.9	499.2	528.8	539.2	**556.1**	3.1%	17.4%
Algeria	79.4	76.0	76.3	77.2	71.6	72.4	74.4	73.4	74.2	75.0	**74.7**	-0.4%	2.3%
Egypt	38.3	49.2	50.1	53.1	56.4	55.2	55.3	54.8	50.5	43.9	**41.0**	-6.6%	1.3%
Libya	10.2	11.9	13.8	14.3	14.3	15.1	7.1	11.0	9.3	10.6	**11.5**	8.0%	0.4%
Nigeria	22.5	26.6	33.2	32.5	23.4	33.6	36.5	39.0	32.6	40.5	**45.1**	11.1%	1.4%
Other Africa	9.0	9.6	9.7	13.6	14.0	15.7	17.2	16.3	18.8	17.1	**18.3**	7.1%	0.6%
Total Africa	159.3	173.3	183.1	190.8	179.7	192.0	190.5	194.4	185.3	187.2	**190.6**	1.8%	6.0%
Australia	35.3	37.6	40.1	40.0	44.1	47.3	46.7	50.6	52.1	55.2	**60.3**	9.4%	1.9%
Bangladesh	12.4	13.4	14.3	15.3	17.5	18.0	18.3	20.0	20.5	21.5	**24.1**	12.2%	0.8%
Brunei	10.8	11.3	11.0	10.9	10.3	11.1	11.5	11.3	11.0	10.7	**11.4**	7.1%	0.4%
China	45.9	54.5	64.5	74.8	79.4	89.2	98.1	100.7	110.0	118.4	**124.2**	4.8%	3.9%
India	26.7	26.4	27.1	27.5	33.8	44.3	40.1	34.9	29.0	27.4	**26.3**	-3.8%	0.8%
Indonesia	67.6	66.9	64.4	66.4	69.2	77.1	73.3	69.4	68.8	67.7	**67.5**	-0.3%	2.1%
Malaysia	57.4	56.3	55.2	57.3	54.8	54.8	55.8	55.2	60.4	60.0	**61.4**	2.2%	1.9%
Myanmar	11.0	11.3	12.2	11.2	10.4	11.2	11.5	11.5	11.8	15.2	**17.6**	16.4%	0.6%
Pakistan	35.1	35.9	36.4	37.3	37.4	38.1	38.1	39.4	38.4	37.7	**37.7**	◆	1.2%
Thailand	21.3	21.9	23.4	25.9	27.8	32.6	33.3	37.3	37.6	37.9	**35.8**	-5.4%	1.1%
Vietnam	5.8	6.3	6.4	6.7	7.2	8.5	7.6	8.4	8.8	9.2	**9.6**	4.4%	0.3%
Other Asia Pacific	10.0	12.8	15.1	16.0	16.3	15.9	16.0	15.9	16.3	20.4	**24.9**	21.8%	0.8%
Total Asia Pacific	339.3	354.5	370.1	389.3	408.3	448.0	450.3	454.5	464.5	481.3	**501.0**	4.1%	15.7%
Total World	**2519.4**	**2609.9**	**2675.7**	**2772.5**	**2692.1**	**2893.9**	**2976.1**	**3034.0**	**3079.2**	**3130.2**	**3199.5**	**2.2%**	**100.0%**
of which: OECD	985.1	997.8	1002.3	1031.1	1027.8	1049.3	1065.2	1097.8	1103.6	1141.6	**1178.6**	3.2%	36.8%
Non-OECD	1534.3	1612.1	1673.4	1741.4	1664.2	1844.6	1910.9	1936.2	1975.6	1988.6	**2020.9**	1.6%	63.2%
European Union	192.3	181.2	169.6	171.2	155.6	158.7	139.7	132.1	130.6	117.4	**108.1**	-8.0%	3.4%
CIS	651.7	671.5	678.1	694.0	598.1	657.0	691.0	681.5	693.6	680.5	**676.5**	-0.6%	21.1%

*Excludes gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.
◆Less than 0.05%.

Source: Includes data from Cedigaz.

Natural gas: Consumption in million tonnes oil equivalent*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	568.6	560.4	596.3	600.8	590.1	619.3	628.8	657.4	675.5	692.7	**713.6**	3.0%	22.8%
Canada	88.0	87.3	86.6	86.5	85.4	85.5	90.8	90.2	93.5	93.8	**92.2**	-1.7%	2.9%
Mexico	54.8	59.9	57.1	59.7	65.0	65.2	68.9	71.9	74.9	78.1	**74.9**	-4.2%	2.4%
Total North America	711.5	707.6	739.9	747.0	740.5	770.0	788.6	819.5	843.9	864.6	**880.7**	1.9%	28.1%
Argentina	36.4	37.6	39.5	40.0	37.9	38.9	40.7	42.2	41.8	42.4	**42.8**	0.8%	1.4%
Brazil	17.6	18.5	19.1	22.4	18.1	24.1	24.0	28.5	33.6	35.5	**36.8**	3.8%	1.2%
Chile	7.0	6.5	3.8	2.1	2.2	4.4	4.5	4.1	4.1	3.4	**3.5**	2.9%	0.1%
Colombia	6.0	6.3	6.7	6.8	7.8	8.2	8.0	8.9	9.0	9.8	**9.5**	-3.2%	0.3%
Ecuador	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	**0.6**	-3.5%	◆
Peru	1.4	1.6	2.4	3.1	3.1	5.0	5.6	6.1	5.9	6.5	**6.8**	4.2%	0.2%
Trinidad & Tobago	14.7	19.1	19.7	19.2	19.9	20.9	21.0	20.0	20.2	19.8	**19.4**	-2.0%	0.6%
Venezuela	24.7	28.3	32.6	30.9	29.0	29.0	26.7	28.3	27.5	27.7	**31.1**	12.4%	1.0%
Other S. & Cent. America	3.1	3.5	3.9	4.3	4.5	4.8	5.5	6.1	6.6	6.9	**6.9**	◆	0.2%
Total S. & Cent. America	111.1	121.9	128.2	129.1	123.1	135.8	136.4	144.5	149.2	152.6	**157.3**	3.1%	5.0%
Austria	8.9	8.4	7.9	8.5	8.2	9.0	8.4	8.1	7.7	7.1	**7.5**	6.1%	0.2%
Azerbaijan	7.7	8.2	7.2	8.2	7.0	6.7	7.3	7.7	7.7	8.5	**8.8**	4.1%	0.3%
Belarus	16.5	16.9	16.9	17.4	14.5	17.8	16.5	16.7	16.7	16.5	**15.5**	-6.2%	0.5%
Belgium	14.7	15.0	14.9	14.8	15.1	17.0	14.2	14.4	14.2	12.4	**13.6**	9.6%	0.4%
Bulgaria	2.8	2.9	2.9	2.9	2.1	2.3	2.6	2.5	2.4	2.4	**2.6**	9.7%	0.1%
Czech Republic	7.7	7.6	7.1	7.1	6.7	7.6	6.9	6.9	6.9	6.2	**6.5**	4.9%	0.2%
Denmark	4.5	4.6	4.1	4.1	4.0	4.5	3.8	3.5	3.4	2.8	**2.9**	0.3%	0.1%
Finland	3.6	3.8	3.5	3.6	3.2	3.6	3.1	2.7	2.6	2.3	**1.9**	-16.4%	0.1%
France	41.1	39.6	38.5	39.9	38.4	42.6	37.0	38.2	38.8	32.6	**35.1**	7.8%	1.1%
Germany	77.6	79.1	76.2	77.0	72.6	75.7	69.5	69.7	73.1	64.0	**67.2**	5.0%	2.1%
Greece	2.4	2.8	3.3	3.5	2.9	3.2	4.0	3.6	3.2	2.4	**2.5**	3.8%	0.1%
Hungary	13.3	13.1	12.2	12.1	10.5	11.3	10.0	9.1	8.3	7.5	**8.0**	6.6%	0.3%
Ireland	3.5	3.9	4.3	4.5	4.3	4.7	4.1	4.0	3.8	3.7	**3.8**	1.1%	0.1%
Italy	71.2	69.7	69.5	69.5	63.9	68.1	63.8	61.4	57.4	50.7	**55.3**	9.1%	1.8%
Kazakhstan	4.8	7.1	5.6	6.3	6.0	4.0	4.6	6.1	6.3	6.9	**7.8**	12.9%	0.2%
Lithuania	2.5	2.5	2.9	2.6	2.2	2.5	2.7	2.7	2.2	2.1	**2.1**	0.1%	0.1%
Netherlands	35.3	34.3	33.3	34.7	35.0	39.2	34.2	32.7	33.3	28.8	**28.6**	-0.7%	0.9%
Norway	4.0	4.0	3.8	3.9	3.7	3.7	4.0	3.9	4.0	4.2	**4.3**	3.1%	0.1%
Poland	12.2	12.4	12.4	13.5	13.0	14.0	14.1	15.0	15.0	14.6	**15.1**	3.0%	0.5%
Portugal	3.8	3.7	3.9	4.3	4.2	4.6	4.7	4.0	3.8	3.7	**3.9**	6.6%	0.1%
Romania	15.8	14.4	12.7	12.6	10.5	10.8	11.0	11.2	10.2	9.5	**9.3**	-1.9%	0.3%
Russian Federation	354.6	373.5	379.8	374.4	350.7	372.7	382.1	374.6	372.1	370.7	**352.3**	-5.0%	11.2%
Slovakia	5.9	5.4	5.1	5.2	4.4	5.0	4.6	4.4	4.8	3.8	**3.9**	2.2%	0.1%
Spain	29.8	31.2	31.8	34.9	31.2	31.1	28.9	28.6	26.1	23.7	**24.8**	4.9%	0.8%
Sweden	0.7	0.8	0.9	0.8	1.0	1.4	1.1	1.0	1.0	0.8	**0.8**	-4.5%	◆
Switzerland	2.5	2.4	2.4	2.5	2.4	2.7	2.4	2.6	2.8	2.4	**2.6**	6.8%	0.1%
Turkey	24.2	27.4	32.5	33.8	32.1	35.1	36.8	37.3	37.6	40.2	**39.2**	-2.4%	1.3%
Turkmenistan	14.5	16.5	19.1	19.3	17.7	20.4	21.2	23.7	20.6	24.9	**30.9**	23.9%	1.0%
Ukraine	62.1	60.3	56.9	54.0	42.1	47.0	48.3	44.6	38.9	33.1	**25.9**	-21.8%	0.8%
United Kingdom	85.4	81.0	81.9	84.4	78.3	84.8	70.3	66.5	65.7	60.0	**61.4**	2.4%	2.0%
Uzbekistan	38.4	37.7	41.3	43.8	35.9	36.8	42.9	42.5	42.2	43.9	**45.3**	3.1%	1.4%
Other Europe & Eurasia	12.0	15.5	13.7	15.4	13.4	14.8	14.9	14.7	13.5	13.4	**13.7**	2.8%	0.4%
Total Europe & Eurasia	984.2	1005.5	1008.6	1019.4	937.4	1004.4	980.2	964.4	946.1	905.8	**903.1**	-0.3%	28.8%
Iran	92.5	100.8	113.0	119.9	128.4	137.6	146.0	145.4	146.6	162.0	**172.1**	6.2%	5.5%
Israel	1.5	2.1	2.5	3.4	3.8	4.8	4.5	2.3	6.2	6.8	**7.6**	11.0%	0.2%
Kuwait	11.0	11.3	10.9	11.5	11.1	13.1	14.9	16.6	16.8	16.8	**17.5**	4.2%	0.6%
Qatar	16.8	17.6	21.2	17.1	17.9	28.9	18.7	23.3	38.4	35.7	**40.6**	13.8%	1.3%
Saudi Arabia	64.1	66.1	67.0	72.4	70.6	78.9	83.0	89.4	90.0	92.1	**95.8**	4.0%	3.1%
United Arab Emirates	37.8	39.0	44.3	53.5	53.2	54.7	56.9	59.0	60.5	59.6	**62.2**	4.3%	2.0%
Other Middle East	27.7	30.2	30.8	34.5	37.4	41.6	40.2	40.2	43.7	42.2	**45.4**	7.7%	1.4%
Total Middle East	251.4	267.1	289.6	312.3	322.4	359.5	364.2	376.1	402.2	415.3	**441.2**	6.2%	14.1%
Algeria	20.9	21.4	21.9	22.8	24.5	23.7	25.1	27.9	30.0	33.7	**35.1**	4.1%	1.1%
Egypt	28.4	32.9	34.5	36.8	38.3	40.6	44.7	47.3	46.3	43.2	**43.0**	-0.4%	1.4%
South Africa	2.8	3.1	3.1	3.4	3.0	3.5	3.7	4.0	4.1	4.5	**4.5**	1.1%	0.1%
Other Africa	24.4	23.3	27.5	27.7	23.8	28.6	29.4	31.8	30.1	34.1	**39.2**	15.0%	1.3%
Total Africa	76.5	80.6	87.0	90.6	89.6	96.5	102.8	111.0	110.6	115.6	**121.9**	5.5%	3.9%
Australia	22.4	24.9	28.3	28.7	29.0	29.9	29.2	29.9	30.9	32.4	**30.9**	-4.5%	1.0%
Bangladesh	12.4	13.4	14.3	15.3	17.5	18.0	18.3	20.0	20.5	21.5	**24.1**	12.2%	0.8%
China	43.4	53.4	65.7	75.7	83.3	100.1	123.4	135.8	154.7	169.6	**177.6**	4.7%	5.7%
China Hong Kong SAR	2.4	2.6	2.5	2.9	2.8	3.4	2.7	2.5	2.4	2.3	**2.9**	27.6%	0.1%
India	32.1	33.5	36.3	37.4	45.6	55.3	55.7	51.8	45.3	45.6	**45.5**	-0.1%	1.5%
Indonesia	32.3	32.9	30.7	35.2	37.3	39.1	37.9	38.0	36.7	36.8	**35.8**	-2.7%	1.1%
Japan	70.7	75.4	81.2	84.4	78.7	85.1	95.0	105.2	105.2	106.2	**102.1**	-3.9%	3.3%
Malaysia	31.4	31.8	31.9	35.3	31.8	31.0	31.3	31.9	36.3	36.7	**35.8**	-2.4%	1.1%
New Zealand	3.2	3.3	3.6	3.4	3.6	3.9	3.5	3.8	4.0	4.4	**4.1**	-7.4%	0.1%
Pakistan	35.1	35.9	36.4	37.3	37.4	38.1	38.1	39.4	38.4	37.7	**39.0**	3.5%	1.2%
Philippines	2.8	2.7	3.2	3.4	3.4	3.2	3.5	3.3	3.0	3.2	**3.0**	-6.1%	0.1%
Singapore	5.9	7.7	7.7	8.3	8.7	7.9	7.9	8.5	9.5	9.8	**10.2**	3.6%	0.3%
South Korea	27.3	28.8	31.2	32.1	30.5	38.7	41.7	45.2	47.3	43.0	**39.2**	-8.7%	1.3%
Taiwan	8.5	9.1	9.6	10.5	10.2	12.7	14.0	14.7	14.7	15.5	**16.5**	7.0%	0.5%
Thailand	29.3	30.0	31.8	33.6	35.3	40.5	41.9	46.1	47.0	47.4	**47.6**	0.3%	1.5%
Vietnam	5.8	6.3	6.4	6.7	7.2	8.5	7.6	8.4	8.8	9.2	**9.6**	4.4%	0.3%
Other Asia Pacific	4.7	4.9	5.4	5.2	4.8	5.2	5.6	5.6	5.8	6.5	**7.1**	8.3%	0.2%
Total Asia Pacific	369.8	396.7	426.4	455.4	467.3	520.5	557.2	590.2	610.5	627.7	**631.0**	0.5%	20.1%
Total World	**2504.5**	**2579.4**	**2679.8**	**2753.7**	**2680.2**	**2886.7**	**2929.3**	**3005.8**	**3062.5**	**3081.5**	**3135.2**	**1.7%**	**100.0%**
of which: OECD	1299.0	1301.8	1343.0	1366.4	1326.1	1408.3	1395.2	1430.0	1457.2	1436.8	**1458.9**	1.5%	46.5%
Non-OECD	1205.5	1277.6	1336.7	1387.3	1354.1	1478.4	1534.1	1575.9	1605.3	1644.7	**1676.3**	1.9%	53.5%
European Union	449.5	442.9	436.4	447.2	418.0	449.7	405.4	395.9	389.2	346.0	**361.9**	4.6%	11.5%
CIS	502.5	524.7	531.8	528.4	478.3	509.8	527.6	521.0	508.6	509.0	**490.9**	-3.6%	15.7%

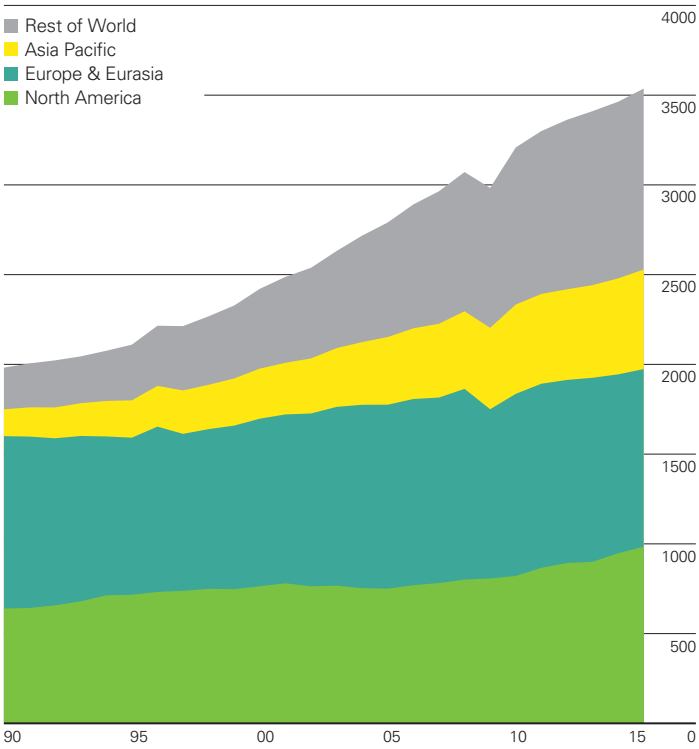
*Excludes natural gas converted to liquid fuels but includes derivatives of coal as well as natural gas consumed in Gas-to-Liquids transformation. Source: Includes data from Cedigaz.

◆Less than 0.05%.

Note: The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

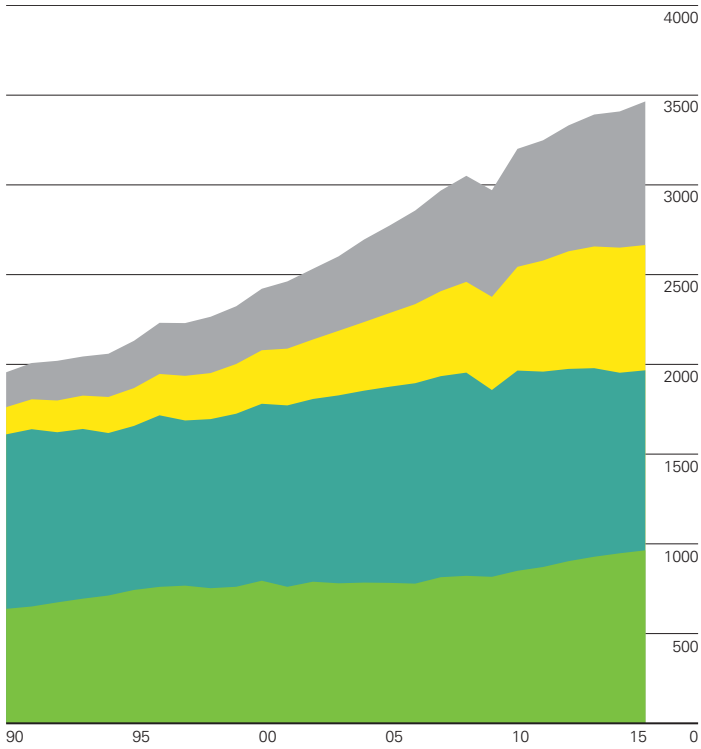
Natural gas: Production by region

Billion cubic metres



Natural gas: Consumption by region

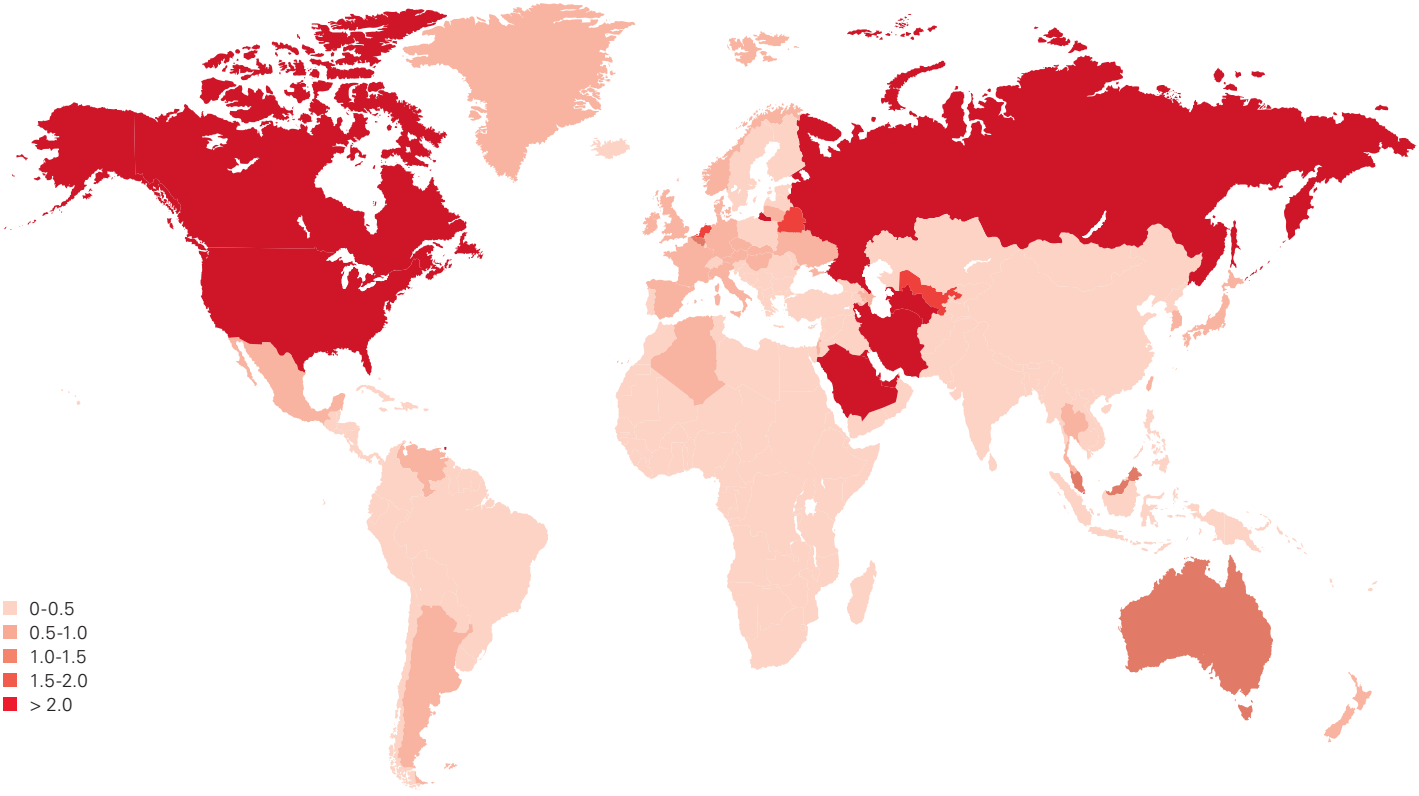
Billion cubic metres



World natural gas production growth accelerated to 2.2% in 2015, slightly below the 10-year average growth of 2.4%. North America (+3.9%) recorded the largest growth increment, driven by continued strong increases in US output, while production in Europe & Eurasia declined by 0.7%, with large declines in the Netherlands and Russia. Consumption growth (+1.7%) also accelerated from a very weak 2014, but remained below the 10-year average of 2.3%. The Middle East recorded the strongest regional growth rate (+6.2%), while consumption in Europe & Eurasia declined by 0.3%, with a decline in Russia offsetting growth in the EU.

Natural gas: Consumption per capita 2015

Tonnes oil equivalent



Prices

$/mmBtu

Prices

US dollars per million Btu	LNG Japan cif	Natural gas Average German Import Price*	Natural gas UK (Heren NBP Index)†	Natural gas US Henry Hub‡	Natural gas Canada (Alberta)‡	Crude oil OECD countries cif
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	–	1.70	–	3.01
1990	3.64	2.78	–	1.64	1.05	3.82
1991	3.99	3.23	–	1.49	0.89	3.33
1992	3.62	2.70	–	1.77	0.98	3.19
1993	3.52	2.51	–	2.12	1.69	2.82
1994	3.18	2.35	–	1.92	1.45	2.70
1995	3.46	2.43	–	1.69	0.89	2.96
1996	3.66	2.50	1.87	2.76	1.12	3.54
1997	3.91	2.66	1.96	2.53	1.36	3.29
1998	3.05	2.33	1.86	2.08	1.42	2.16
1999	3.14	1.86	1.58	2.27	2.00	2.98
2000	4.72	2.91	2.71	4.23	3.75	4.83
2001	4.64	3.67	3.17	4.07	3.61	4.08
2002	4.27	3.21	2.37	3.33	2.57	4.17
2003	4.77	4.06	3.33	5.63	4.83	4.89
2004	5.18	4.30	4.46	5.85	5.03	6.27
2005	6.05	5.83	7.38	8.79	7.25	8.74
2006	7.14	7.87	7.87	6.76	5.83	10.66
2007	7.73	7.99	6.01	6.95	6.17	11.95
2008	12.55	11.60	10.79	8.85	7.99	16.76
2009	9.06	8.53	4.85	3.89	3.38	10.41
2010	10.91	8.03	6.56	4.39	3.69	13.47
2011	14.73	10.49	9.04	4.01	3.47	18.56
2012	16.75	10.93	9.46	2.76	2.27	18.82
2013	16.17	10.72	10.64	3.71	2.93	18.25
2014	16.33	9.11	8.25	4.35	3.87	16.80
2015	10.31	6.61	6.53	2.60	2.01	8.77

*Source: 1985-1990 German Federal Statistical Office, 1991-2015 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).

Natural gas: Trade movements 2015 by pipeline

Billion cubic metres

To	From: US	Canada	Mexico	Bolivia	Other S. & Cent. America	Netherlands	Norway	United Kingdom	Other Europe	Azerbaijan	Kazakhstan	Russian Federation	Turkmenistan	Uzbekistan	Iran	Qatar	Algeria	Libya	Other Africa	Indonesia	Myanmar	Other Asia Pacific	**Total imports**
US	–	74.3	†	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**74.4**
Canada	19.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**19.8**
Mexico	29.9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**29.9**
North America	49.7	74.3	†	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**124.1**
Argentina	–	–	–	5.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**5.4**
Brazil	–	–	–	10.8	0.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**11.0**
Other S. & Cent. America	–	–	–	–	2.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**2.1**
S. & Cent. America	–	–	–	16.2	2.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**18.5**
Austria	–	–	–	–	–	–	1.7	–	–	–	–	4.3	–	–	–	–	–	–	–	–	–	–	**6.0**
Belgium	–	–	–	–	–	2.9	2.1	7.3	0.6	–	–	10.9	–	–	–	–	–	–	–	–	–	–	**23.7**
Czech Republic	–	–	–	–	–	–	–	–	3.6	–	–	4.1	–	–	–	–	–	–	–	–	–	–	**7.7**
Finland	–	–	–	–	–	–	–	–	–	–	–	2.7	–	–	–	–	–	–	–	–	–	–	**2.7**
France	–	–	–	–	–	4.7	17.2	–	4.5	–	–	9.5	–	–	–	–	–	–	–	–	–	–	**35.9**
Germany	–	–	–	–	–	23.0	34.9	–	0.9	–	–	45.2	–	–	–	–	–	–	–	–	–	–	**104.0**
Greece	–	–	–	–	–	–	–	–	0.6	–	–	1.9	–	–	–	–	–	–	–	–	–	–	**2.5**
Hungary	–	–	–	–	–	–	–	–	–	–	–	5.8	–	–	–	–	–	–	–	–	–	–	**5.8**
Ireland	–	–	–	–	–	–	–	4.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**4.3**
Italy	–	–	–	–	–	6.0	7.0	–	0.2	–	–	24.0	–	–	–	–	6.6	6.5	–	–	–	–	**50.2**
Netherlands	–	–	–	–	–	–	17.9	1.8	8.1	–	–	2.3	–	–	–	–	–	–	–	–	–	–	**30.2**
Poland	–	–	–	–	–	–	–	–	2.3	–	–	8.8	–	–	–	–	–	–	–	–	–	–	**11.1**
Slovakia	–	–	–	–	–	–	–	–	9.1	–	–	3.7	–	–	–	–	–	–	–	–	–	–	**12.9**
Spain	–	–	–	–	–	–	2.1	–	1.1	–	–	–	–	–	–	–	12.0	–	–	–	–	–	**15.2**
Turkey	–	–	–	–	–	–	–	–	–	5.3	–	26.6	–	–	7.8	–	–	–	–	–	–	–	**39.7**
United Kingdom	–	–	–	–	–	3.1	25.7	–	0.2	–	–	–	–	–	–	–	–	–	–	–	–	–	**29.0**
Other Europe	–	–	–	–	–	0.9	1.1	†	4.5	2.1	–	9.8	–	–	–	–	2.0	–	–	–	–	–	**20.4**
Europe	–	–	–	–	–	40.6	109.5	13.4	35.7	7.4	–	159.8	–	–	7.8	–	20.7	6.5	–	–	–	–	**401.4**
Belarus	–	–	–	–	–	–	–	–	–	–	–	16.8	–	–	–	–	–	–	–	–	–	–	**16.8**
Kazakhstan	–	–	–	–	–	–	–	–	–	–	–	5.0	0.3	2.6	–	–	–	–	–	–	–	–	**7.9**
Russian Federation	–	–	–	–	–	–	–	–	–	–	10.9	–	2.8	3.3	–	–	–	–	–	–	–	–	**16.9**
Ukraine	–	–	–	–	–	–	–	–	9.2	–	–	7.0	–	–	–	–	–	–	–	–	–	–	**16.2**
Other CIS	–	–	–	–	–	–	–	–	–	–	0.1	4.4	–	†	0.5	–	–	–	–	–	–	–	**5.1**
CIS	–	–	–	–	–	–	–	–	9.2	–	11.0	33.2	3.1	5.9	0.5	–	–	–	–	–	–	–	**62.9**
Iran	–	–	–	–	–	–	–	–	–	0.2	–	–	7.2	–	–	–	–	–	–	–	–	–	**7.5**
Oman	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.1	–	–	–	–	–	–	**2.1**
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17.7	–	–	–	–	–	–	**17.7**
Middle East	–	–	–	–	–	–	–	–	–	0.2	–	–	7.2	–	–	19.8	–	–	–	–	–	–	**27.3**
South Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.0	–	–	–	**4.0**
Other Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.3	–	0.6	–	–	–	**4.9**
Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.3	–	4.6	–	–	–	**8.9**
Australia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6.4	**6.4**
China	–	–	–	–	–	–	–	–	–	–	0.4	–	27.7	1.5	–	–	–	–	–	–	3.9	–	**33.6**
Malaysia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.6	–	–	**2.6**
Singapore	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7.9	–	1.3	**9.1**
Thailand	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9.4	–	**9.4**
Asia Pacific	–	–	–	–	–	–	–	–	–	–	0.4	–	27.7	1.5	–	–	–	–	–	10.5	13.4	7.7	**61.2**
Total exports	**49.7**	**74.3**	**†**	**16.2**	**2.3**	**40.6**	**109.5**	**13.4**	**45.0**	**7.6**	**11.3**	**193.0**	**38.1**	**7.5**	**8.4**	**19.8**	**25.0**	**6.5**	**4.6**	**10.5**	**13.4**	**7.7**	**704.1**

†Less than 0.05.

Source: Includes data from FGE MENAgas service, IHS.

Natural gas: Trade movements 2015 as liquefied natural gas

Billion cubic metres

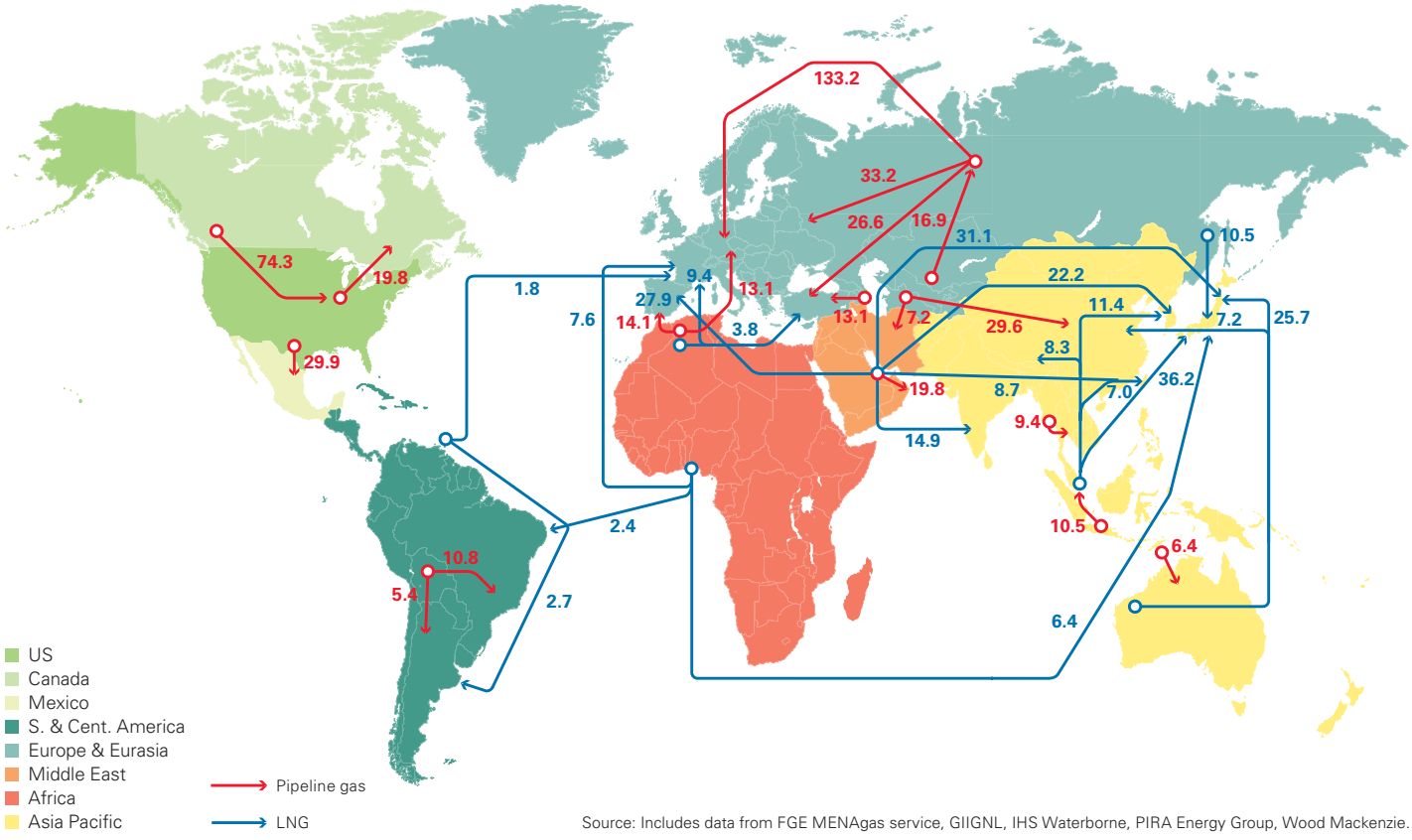
To	From: US*	Trinidad & Tobago	Peru	Norway	Other Europe*	Russian Federation	Oman	Qatar	United Arab Emirates	Yemen	Algeria	Angola	Egypt	Equatorial Guinea	Nigeria	Australia	Brunei	Indonesia	Malaysia	Papua New Guinea	Other Asia Pacific*	**Total imports**
US	–	2.0	–	0.3	–	–	–	–	–	0.2	–	–	–	–	–	–	–	–	–	–	–	**2.6**
Canada	†	0.5	–	–	0.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**0.6**
Mexico	†	0.4	3.5	0.1	0.1	–	–	0.7	–	–	–	–	–	–	2.0	–	–	0.3	–	–	–	**7.1**
North America	†	3.0	3.5	0.4	0.2	–	–	0.7	–	0.2	–	–	–	–	2.0	–	–	0.3	–	–	–	**10.3**
Argentina	†	2.7	–	0.8	0.6	–	–	0.5	–	–	–	–	–	0.2	1.2	–	–	–	–	–	–	**5.8**
Brazil	0.2	1.2	–	0.9	0.5	–	–	1.5	0.1	–	–	–	–	0.3	2.4	–	–	–	–	–	–	**7.1**
Chile	–	3.8	–	0.2	–	–	–	–	–	–	–	–	–	0.2	–	–	–	–	–	–	–	**4.2**
Other S. & Cent. America	–	2.5	–	–	0.1	–	–	–	–	–	–	–	–	–	0.3	–	–	–	–	–	–	**2.8**
S. & Cent. America	0.2	10.2	–	1.8	1.2	–	–	2.0	0.1	–	–	–	–	0.6	3.8	–	–	–	–	–	–	**20.0**
Belgium	–	–	–	–	–	–	–	3.8	–	–	–	–	–	–	–	–	–	–	–	–	–	**3.8**
France	–	–	0.3	0.5	†	–	–	0.4	–	–	4.3	–	–	–	1.0	–	–	–	–	–	–	**6.6**
Italy	–	–	–	–	0.1	–	–	5.8	–	–	†	–	–	–	–	–	–	–	–	–	–	**6.0**
Spain	–	1.1	0.9	0.7	–	–	0.1	2.9	–	–	3.7	–	–	–	3.6	–	–	–	–	–	–	**13.1**
Turkey	0.1	0.2	–	0.2	0.1	–	–	1.7	–	–	3.8	–	–	–	1.5	–	–	–	–	–	–	**7.5**
United Kingdom	–	0.4	–	0.1	–	–	–	11.9	–	–	0.4	–	–	–	†	–	–	–	–	–	–	**12.8**
Other Europe & Eurasia	–	0.1	–	1.7	†	–	–	1.2	–	–	0.9	–	–	–	1.4	–	–	–	–	–	–	**5.3**
Europe & Eurasia	0.1	1.8	1.2	3.1	0.2	–	0.1	27.8	–	–	13.1	–	–	–	7.6	–	–	–	–	–	–	**55.0**
Middle East	–	1.3	–	–	1.2	–	0.6	4.3	–	–	–	–	–	0.1	1.6	0.7	0.2	0.2	0.1	–	0.2	**10.5**
Africa	0.1	0.1	–	0.1	0.4	–	–	2.0	–	–	0.5	–	–	0.2	0.1	0.1	–	0.1	–	–	0.2	**3.8**
China	–	0.1	–	0.1	–	0.2	0.1	6.5	–	0.4	0.5	–	–	0.2	0.4	7.2	–	3.9	4.4	2.1	†	**26.2**
India	–	0.3	0.1	†	0.5	–	0.8	13.5	0.2	0.4	–	–	–	1.0	3.1	1.2	–	0.3	0.2	0.1	–	**21.7**
Japan	0.2	0.1	0.2	0.1	0.4	10.5	3.2	20.2	7.4	0.3	1.0	–	–	0.5	6.4	25.7	5.8	8.9	21.5	5.3	0.3	**118.0**
Malaysia	–	–	–	0.2	0.1	–	0.2	0.2	–	–	0.5	–	–	0.1	0.3	0.4	0.2	–	–	–	–	**2.2**
Pakistan	–	–	–	–	0.2	–	–	0.5	–	–	–	–	–	0.3	0.3	0.3	–	–	–	–	–	**1.5**
Singapore	–	0.1	–	–	0.1	–	–	0.6	–	–	–	–	–	0.9	–	1.0	–	0.2	–	–	–	**3.0**
South Korea	–	0.1	–	–	0.4	3.5	5.2	16.3	–	0.7	0.5	–	–	0.9	1.6	2.5	1.6	4.9	4.8	0.3	0.3	**43.7**
Taiwan	0.2	–	–	0.1	0.1	0.3	–	8.7	–	–	–	–	–	0.1	0.1	0.3	0.9	3.1	3.0	1.8	–	**18.7**
Thailand	–	–	–	–	–	–	–	2.9	–	–	–	–	–	–	0.2	0.3	–	–	0.2	–	–	**3.6**
Asia Pacific	0.5	0.7	0.3	0.5	1.7	14.5	9.5	69.5	7.5	1.8	2.6	–	–	4.1	12.3	38.9	8.6	21.3	34.1	9.7	0.5	**238.6**
Total exports	**0.8**	**17.0**	**5.0**	**6.0**	**4.9**	**14.5**	**10.2**	**106.4**	**7.6**	**2.0**	**16.2**	**–**	**–**	**5.0**	**27.5**	**39.8**	**8.7**	**21.9**	**34.2**	**9.7**	**0.9**	**338.3**

†Less than 0.05.
*Includes re-exports.

Source: Includes data from GIIGNL, IHS Waterborne, PIRA Energy Group, Wood Mackenzie.

Major trade movements 2015

Trade flows worldwide (billion cubic metres)



Source: Includes data from FGE MENAgas service, GIIGNL, IHS Waterborne, PIRA Energy Group, Wood Mackenzie.

Gas trade in 2014 and 2015 in billion cubic metres

	2014				2015			
Billion cubic metres	Pipeline imports	LNG imports	Pipeline exports	LNG exports	Pipeline imports	LNG imports	Pipeline exports	LNG exports
US	74.6	1.7	42.4	0.5	74.4	2.6	49.7	0.8
Canada	21.8	0.5	74.6	–	19.8	0.6	74.3	–
Mexico	20.6	9.4	†	–	29.9	7.1	†	–
Trinidad and Tobago	–	–	–	18.4	–	–	–	17.0
Other S. & Cent. America	18.7	20.9	18.7	5.8	18.5	20.0	18.5	5.0
France	28.6	7.2	1.9	0.5	35.9	6.6	1.6	0.4
Germany	88.4	–	20.0	–	104.0	–	29.0	–
Italy	46.6	4.6	0.2	–	50.2	6.0	0.2	–
Netherlands	23.2	1.1	46.1	0.6	30.2	2.0	40.6	1.2
Norway	†	–	102.4	5.3	†	–	109.5	6.0
Spain	17.0	15.5	†	5.1	15.2	13.1	0.5	1.6
Turkey	41.1	7.3	0.6	–	39.7	7.5	0.6	–
United Kingdom	29.4	10.7	10.0	–	29.0	12.8	13.4	0.3
Other Europe	102.4	5.4	8.9	2.1	97.2	7.1	13.1	1.4
Russian Federation	24.2	–	187.7	14.3	16.9	–	193.0	14.5
Ukraine	17.5	–	–	–	16.2	–	–	–
Other CIS	30.3	–	69.0	–	29.8	–	64.5	–
Qatar	–	–	20.5	102.9	–	–	19.8	106.4
Other Middle East	27.4	5.4	9.6	27.1	27.3	10.5	8.4	19.8
Algeria	–	–	25.4	17.5	–	–	25.0	16.2
Other Africa	8.8	–	10.9	31.9	8.9	3.8	11.1	32.5
China	31.3	26.5	–	–	33.6	26.2	–	–
Japan	–	122.9	–	–	–	118.0	–	–
Indonesia	–	–	9.7	21.8	–	–	10.5	21.9
South Korea	–	48.6	–	0.2	–	43.7	–	0.3
Other Asia Pacific	25.4	44.6	18.7	78.4	27.6	50.7	21.0	93.0
Total World	**677.1**	**332.3**	**677.1**	**332.3**	**704.1**	**338.3**	**704.1**	**338.3**

†Less than 0.05.

Source: Includes data from FGE MENAgas service, GIIGNL, IHS Waterborne, PIRA Energy Group, Wood Mackenzie.

Coal

Total proved reserves at end 2015

Million tonnes	Anthracite and bituminous	Sub-bituminous and lignite	Total	Share of total	R/P ratio
US	108501	128794	**237295**	26.6%	292
Canada	3474	3108	**6582**	0.7%	108
Mexico	860	351	**1211**	0.1%	84
Total North America	112835	132253	**245088**	27.5%	276
Brazil	–	6630	**6630**	0.7%	*
Colombia	6746	–	**6746**	0.8%	79
Venezuela	479	–	**479**	0.1%	*
Other S. & Cent. America	57	729	**786**	0.1%	244
Total S. & Cent. America	7282	7359	**14641**	1.6%	150
Bulgaria	2	2364	**2366**	0.3%	66
Czech Republic	181	871	**1052**	0.1%	23
Germany	48	40500	**40548**	4.5%	220
Greece	–	3020	**3020**	0.3%	63
Hungary	13	1647	**1660**	0.2%	180
Kazakhstan	21500	12100	**33600**	3.8%	316
Poland	4178	1287	**5465**	0.6%	40
Romania	10	281	**291**	◆	11
Russian Federation	49088	107922	**157010**	17.6%	422
Serbia	1	13410	**13411**	1.5%	352
Spain	200	330	**530**	0.1%	173
Turkey	322	8380	**8702**	1.0%	192
Ukraine	15351	18522	**33873**	3.8%	*
United Kingdom	228	–	**228**	◆	27
Uzbekistan	47	1853	**1900**	0.2%	481
Other Europe & Eurasia	1388	5494	**6882**	0.8%	187
Total Europe & Eurasia	92557	217981	**310538**	34.8%	273
South Africa	30156	–	**30156**	3.4%	120
Zimbabwe	502	–	**502**	0.1%	121
Other Africa	942	214	**1156**	0.1%	122
Middle East	1122	–	**1122**	0.1%	*
Total Middle East & Africa	32722	214	**32936**	3.7%	123
Australia	37100	39300	**76400**	8.6%	158
China	62200	52300	**114500**	12.8%	31
India	56100	4500	**60600**	6.8%	89
Indonesia	–	28017	**28017**	3.1%	71
Japan	337	10	**347**	◆	296
Mongolia	1170	1350	**2520**	0.3%	103
New Zealand	33	538	**571**	0.1%	168
Pakistan	–	2070	**2070**	0.2%	*
South Korea	–	126	**126**	◆	71
Thailand	–	1239	**1239**	0.1%	82
Vietnam	150	–	**150**	◆	4
Other Asia Pacific	713	1075	**1788**	0.2%	37
Total Asia Pacific	157803	130525	**288328**	32.3%	53
Total World	**403199**	**488332**	**891531**	**100.0%**	**114**
of which: OECD	155494	229321	**384815**	43.2%	206
Non-OECD	247705	259011	**506716**	56.8%	85
European Union	4883	51199	**56082**	6.3%	112
CIS	86524	141309	**227833**	25.6%	435

*More than 500 years.
◆Less than 0.05%.

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

Notes: Total 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 reservoirs under existing economic and operating conditions. The data series for total proved coal reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.
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.
Reserves-to-production (R/P) ratios are calculated excluding other solid fuels in reserves and production.

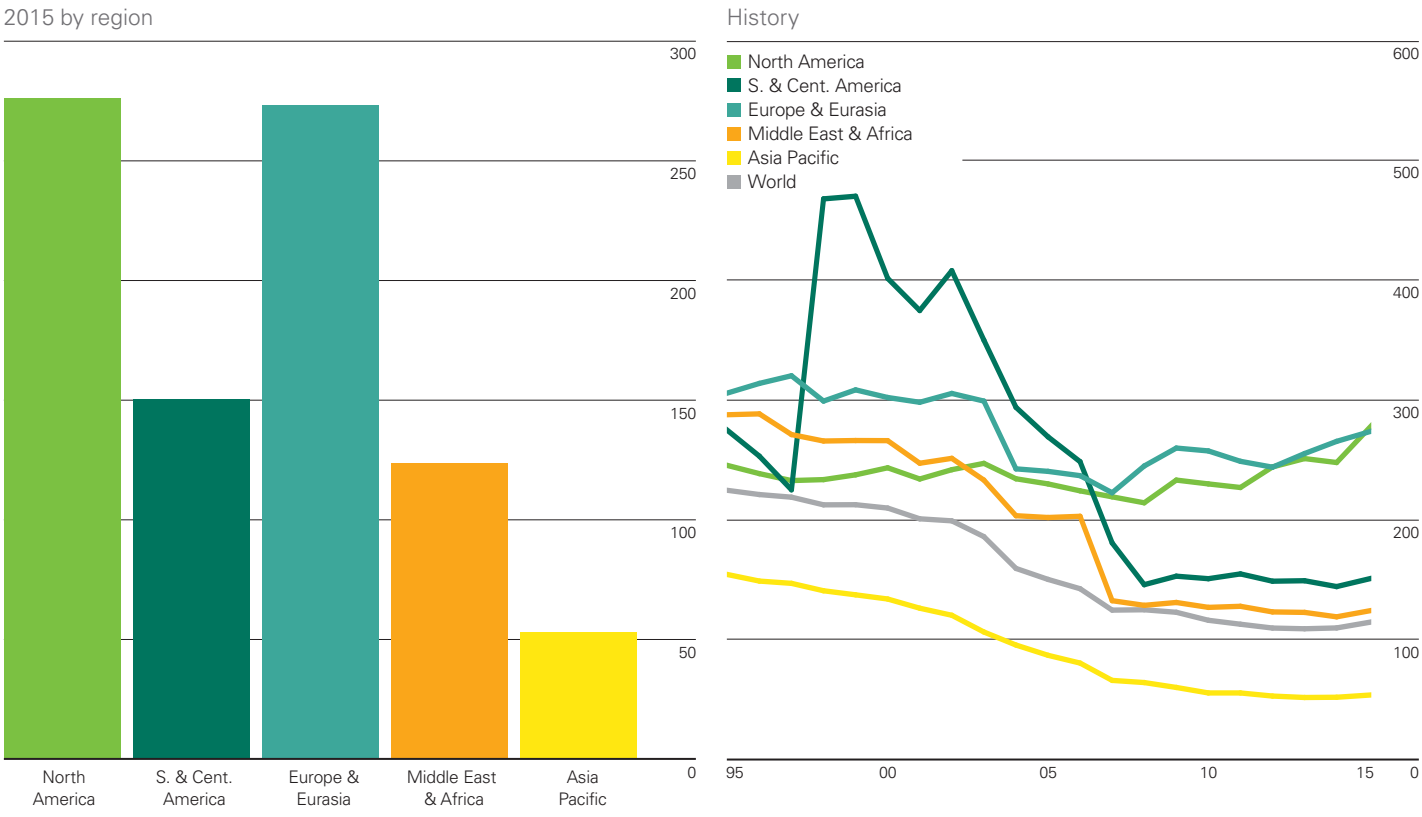
Prices

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†
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
2014	75.38	69.00	114.41	97.65	77.89
2015	56.64	53.59	93.85	79.47	63.52

†Source: IHS McCloskey Northwest Europe prices for 1995-2000 are the average of the monthly marker, 2001-2015 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 1995-2000 are by coal price publication date, 2001-2015 by coal price assessment date.
Note: cif = cost+insurance+freight (average prices); fob = free on board.

Reserves-to-production (R/P) ratios

Years



World proved coal reserves in 2015 were sufficient to meet 114 years of global production, by far the largest R/P ratio for any fossil fuel. By region, Europe & Eurasia holds the largest proved reserves while North America has the highest R/P ratio – 276 years. The Asia Pacific region holds the second-largest reserves, but higher rates of production – accounting for 70.6% of global output – leave it with the lowest regional R/P ratio (53 years).

Distribution of proved reserves in 1995, 2005 and 2015

Percentage

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

Coal: Production*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	580.2	595.1	587.7	596.7	540.8	551.2	556.1	517.8	500.9	508.0	**455.2**	-10.4%	11.9%
Canada	35.3	34.8	35.7	35.6	33.1	35.4	35.5	35.9	36.6	35.8	**32.1**	-10.3%	0.8%
Mexico	6.1	6.8	7.3	6.9	6.1	7.3	9.4	7.4	7.2	7.2	**7.0**	-3.2%	0.2%
Total North America	621.6	636.7	630.7	639.2	580.0	594.0	600.9	561.1	544.6	551.1	**494.3**	-10.3%	12.9%
Brazil	2.8	2.6	2.7	2.9	2.3	2.3	2.4	2.9	3.7	3.4	**3.4**	–	0.1%
Colombia	38.8	43.0	45.4	47.8	47.3	48.3	55.8	58.0	55.6	57.6	**55.6**	-3.4%	1.5%
Venezuela	5.3	5.2	5.0	3.7	2.4	1.9	1.9	1.4	0.9	0.6	**0.6**	0.1%	◆
Other S. & Cent. America	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	1.7	2.4	**1.7**	-27.7%	◆
Total S. & Cent. America	47.2	51.2	53.4	54.8	52.4	52.9	60.5	62.7	61.9	64.0	**61.3**	-4.1%	1.6%
Bulgaria	4.2	4.3	4.7	4.8	4.6	4.9	6.2	5.6	4.8	5.1	**5.9**	14.7%	0.2%
Czech Republic	23.6	23.9	23.8	22.8	20.9	20.6	20.8	19.8	17.7	16.7	**16.4**	-1.8%	0.4%
Germany	56.6	53.3	54.4	50.1	46.4	45.9	46.7	47.8	45.1	44.1	**42.9**	-2.7%	1.1%
Greece	8.5	8.2	8.4	8.1	8.2	7.3	7.5	8.0	6.7	6.4	**6.0**	-6.1%	0.2%
Hungary	1.7	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	**1.5**	-3.5%	◆
Kazakhstan	37.3	41.4	42.2	47.9	43.4	47.5	49.8	51.6	51.4	48.9	**45.8**	-6.3%	1.2%
Poland	69.4	68.0	62.5	60.9	56.4	55.4	55.7	57.8	57.2	54.0	**53.7**	-0.6%	1.4%
Romania	6.6	6.5	6.9	7.0	6.6	5.9	6.6	6.3	4.6	4.4	**4.8**	8.4%	0.1%
Russian Federation	135.6	141.0	143.5	149.0	141.7	151.0	157.6	168.3	173.1	176.6	**184.5**	4.5%	4.8%
Serbia	n/a	n/a	8.0	8.3	7.4	7.2	7.8	7.3	7.7	5.7	**7.3**	27.7%	0.2%
Spain	6.6	6.2	5.9	4.4	3.8	3.3	2.6	2.5	1.8	1.6	**1.2**	-24.5%	◆
Turkey	11.2	13.2	14.8	16.7	17.4	17.5	17.9	17.0	15.5	16.4	**11.7**	-28.4%	0.3%
Ukraine	34.9	35.7	34.0	34.4	31.8	31.8	36.3	38.0	36.6	25.9	**16.4**	-36.7%	0.4%
United Kingdom	12.7	11.4	10.7	11.3	11.0	11.4	11.5	10.6	8.0	7.3	**5.3**	-26.8%	0.1%
Uzbekistan	0.9	0.8	1.0	0.9	1.0	1.0	1.1	1.2	1.1	1.2	**1.1**	-8.8%	◆
Other Europe & Eurasia	22.9	24.8	16.3	16.5	16.6	16.9	17.1	15.6	18.0	17.2	**15.3**	-11.5%	0.4%
Total Europe & Eurasia	432.7	440.4	438.8	444.8	418.8	429.2	446.8	459.0	450.9	433.1	**419.8**	-3.1%	11.0%
Total Middle East	1.0	1.0	1.1	1.0	0.7	0.7	0.7	0.7	0.7	0.7	**0.7**	–	◆
South Africa	138.4	138.3	138.4	141.0	139.7	144.1	143.2	146.6	145.4	148.2	**142.9**	-3.6%	3.7%
Zimbabwe	2.2	1.4	1.3	1.0	1.1	1.7	1.7	1.0	2.0	3.7	**2.7**	-28.1%	0.1%
Other Africa	1.0	1.1	0.8	0.9	0.8	1.0	1.3	4.5	5.4	5.9	**5.9**	0.2%	0.2%
Total Africa	141.5	140.7	140.5	142.8	141.6	146.8	146.1	152.1	152.8	157.8	**151.4**	-4.0%	4.0%
Australia	206.5	211.6	217.9	224.9	232.6	240.5	233.4	250.4	268.2	287.3	**275.0**	-4.3%	7.2%
China	1241.7	1328.4	1439.3	1491.8	1537.9	1665.3	1851.7	1873.5	1894.6	1864.2	**1827.0**	-2.0%	47.7%
India	189.9	198.2	210.3	227.5	246.0	252.4	250.8	255.0	255.7	271.0	**283.9**	4.7%	7.4%
Indonesia	93.9	119.2	133.4	147.8	157.6	169.2	217.3	237.3	276.2	281.7	**241.1**	-14.4%	6.3%
Japan	0.6	0.7	0.8	0.7	0.7	0.5	0.7	0.7	0.7	0.7	**0.6**	-10.5%	◆
Mongolia	3.7	4.1	4.8	5.2	8.2	15.2	19.9	18.1	18.0	15.4	**14.9**	-3.1%	0.4%
New Zealand	3.3	3.6	3.0	3.0	2.8	3.3	3.1	3.0	2.8	2.5	**2.0**	-16.6%	0.1%
Pakistan	1.6	1.8	1.7	1.8	1.6	1.5	1.4	1.5	1.3	1.5	**1.5**	-2.3%	◆
South Korea	1.3	1.3	1.3	1.3	1.2	1.0	1.0	1.0	0.8	0.8	**0.8**	0.9%	◆
Thailand	6.1	5.5	5.3	5.2	5.1	5.3	6.2	5.2	5.3	5.2	**4.4**	-15.7%	0.1%
Vietnam	19.1	21.7	23.8	22.3	24.7	25.1	26.1	23.6	23.0	23.4	**23.3**	-0.4%	0.6%
Other Asia Pacific	22.0	22.4	20.6	22.0	23.5	24.7	24.8	25.2	28.9	28.5	**28.1**	-1.4%	0.7%
Total Asia Pacific	1789.5	1918.5	2062.2	2153.4	2241.8	2404.0	2636.4	2694.6	2775.5	2782.2	**2702.6**	-2.9%	70.6%
Total World	**3033.6**	**3188.5**	**3326.7**	**3436.0**	**3435.3**	**3627.6**	**3891.4**	**3930.2**	**3986.5**	**3988.9**	**3830.1**	**-4.0%**	**100.0%**
of which: OECD	1033.9	1051.3	1046.8	1055.3	993.5	1013.2	1013.7	990.1	983.3	1002.8	**921.4**	-8.1%	24.1%
Non-OECD	1999.6	2137.2	2280.0	2380.7	2441.8	2614.4	2877.8	2940.1	3003.2	2986.1	**2908.8**	-2.6%	75.9%
European Union	198.8	193.2	187.0	178.9	167.9	165.6	168.4	167.7	157.3	150.3	**145.3**	-3.4%	3.8%
CIS	209.4	219.5	221.5	233.0	218.8	232.0	245.7	260.3	263.5	254.2	**249.4**	-1.9%	6.5%

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for Coal-to-Liquids and Coal-to-Gas transformations.
◆Less than 0.05%.
n/a not available.
Note: Coal production data expressed in million tonnes is available at *bp.com/statisticalreview*

Coal: Consumption*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	574.5	565.7	573.3	564.2	496.2	525.0	495.4	437.9	454.6	453.8	**396.3**	-12.7%	10.3%
Canada	31.0	30.1	31.2	30.3	24.2	25.2	22.2	21.2	20.8	21.4	**19.8**	-7.3%	0.5%
Mexico	11.5	12.3	11.3	10.1	10.3	12.7	14.7	12.8	12.7	12.8	**12.8**	0.7%	0.3%
Total North America	616.9	608.1	615.8	604.5	530.7	563.0	532.3	472.0	488.1	487.9	**429.0**	-12.1%	11.2%
Argentina	1.1	1.1	1.2	1.4	1.0	1.3	1.5	1.3	1.3	1.5	**1.4**	-5.5%	◆
Brazil	13.0	12.8	13.6	13.8	11.1	14.5	15.4	15.3	16.5	17.6	**17.4**	-0.8%	0.5%
Chile	2.8	3.4	4.1	4.4	4.0	4.5	5.8	6.7	7.5	7.6	**7.2**	-4.9%	0.2%
Colombia	1.3	4.1	3.5	5.8	4.5	5.4	4.3	5.1	5.8	6.0	**7.0**	18.3%	0.2%
Ecuador	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Peru	0.9	0.8	1.0	0.9	0.8	0.8	0.8	0.9	0.9	0.9	**0.9**	-0.5%	◆
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Venezuela	†	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	-8.3%	◆
Other S. & Cent. America	1.8	2.1	2.2	2.3	2.0	2.1	2.5	2.5	2.6	3.0	**3.0**	-0.7%	0.1%
Total S. & Cent. America	21.0	24.5	25.7	28.6	23.7	28.7	30.6	32.1	34.8	36.7	**37.1**	1.2%	1.0%
Austria	4.0	4.1	3.9	3.8	2.9	3.4	3.5	3.2	3.3	3.0	**3.2**	7.4%	0.1%
Azerbaijan	†	†	†	†	†	†	†	†	†	†	**†**	–	◆
Belarus	0.7	0.6	0.7	0.6	0.6	0.6	0.8	0.8	0.9	1.0	**0.8**	-18.9%	◆
Belgium	5.2	5.0	4.4	4.6	3.2	3.8	3.5	3.3	3.4	3.3	**3.2**	-3.6%	0.1%
Bulgaria	6.9	7.0	7.9	7.6	6.4	6.9	8.1	6.9	5.9	6.4	**6.7**	4.2%	0.2%
Czech Republic	20.2	21.0	21.4	19.7	17.6	18.4	18.1	17.2	16.4	15.9	**15.6**	-2.0%	0.4%
Denmark	3.7	5.6	4.7	4.1	4.0	3.8	3.2	2.5	3.2	2.6	**1.8**	-32.6%	◆
Finland	4.1	6.8	6.4	4.8	5.0	6.3	5.0	4.0	4.5	4.1	**3.5**	-15.4%	0.1%
France	13.4	12.4	12.8	12.1	10.8	11.5	9.8	11.1	11.8	8.7	**8.7**	◆	0.2%
Germany	81.3	84.5	86.7	80.1	71.7	77.1	78.3	80.5	82.8	78.8	**78.3**	-0.6%	2.0%
Greece	8.9	8.4	8.8	8.3	8.4	7.9	7.9	8.1	7.0	6.7	**5.7**	-14.1%	0.1%
Hungary	3.0	3.1	3.1	3.1	2.6	2.7	2.7	2.6	2.3	2.2	**2.2**	-2.8%	0.1%
Ireland	2.7	2.4	2.3	2.3	2.0	2.0	1.9	2.3	2.0	2.0	**2.2**	8.2%	0.1%
Italy	16.5	16.7	16.3	15.8	12.4	13.7	15.4	15.7	13.5	13.1	**12.4**	-4.7%	0.3%
Kazakhstan	26.9	28.3	31.1	33.8	30.9	33.4	36.3	36.5	36.3	35.5	**32.6**	-8.3%	0.8%
Lithuania	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	-22.5%	◆
Netherlands	8.1	7.7	8.4	8.0	7.5	7.5	7.5	8.2	8.2	9.1	**10.6**	17.4%	0.3%
Norway	0.7	0.6	0.7	0.7	0.6	0.8	0.8	0.8	0.8	0.9	**0.8**	-8.8%	◆
Poland	55.1	57.4	55.9	55.2	51.8	55.1	55.0	51.2	53.4	49.4	**49.8**	0.7%	1.3%
Portugal	3.3	3.3	2.9	2.5	2.9	1.6	2.2	2.9	2.7	2.7	**3.3**	23.2%	0.1%
Romania	8.8	9.5	10.2	9.6	7.6	7.0	8.2	7.6	5.8	5.8	**6.1**	6.9%	0.2%
Russian Federation	94.6	97.0	93.9	100.7	92.2	90.5	94.0	98.4	90.5	87.6	**88.7**	1.3%	2.3%
Slovakia	4.2	4.5	4.0	4.0	3.9	3.9	3.7	3.5	3.5	3.4	**3.3**	-2.6%	0.1%
Spain	20.5	17.9	20.0	13.5	9.4	6.9	12.8	15.5	11.4	11.6	**14.4**	23.9%	0.4%
Sweden	2.6	2.7	2.7	2.4	1.9	2.5	2.5	2.2	2.2	2.1	**2.1**	0.6%	0.1%
Switzerland	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	10.6%	◆
Turkey	22.5	26.6	29.5	29.6	30.9	31.4	33.9	36.5	31.6	36.1	**34.4**	-4.7%	0.9%
Turkmenistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Ukraine	37.5	39.8	39.8	41.8	35.9	38.3	41.5	42.5	41.6	35.6	**29.2**	-18.0%	0.8%
United Kingdom	37.4	40.9	38.4	35.6	29.8	30.9	31.4	39.0	37.1	29.9	**23.4**	-21.6%	0.6%
Uzbekistan	0.9	0.8	1.0	1.0	1.0	0.9	1.1	1.2	1.1	1.2	**1.1**	-8.8%	◆
Other Europe & Eurasia	20.7	21.2	21.8	22.4	21.4	22.5	24.6	22.9	23.8	22.0	**23.4**	6.3%	0.6%
Total Europe & Eurasia	514.9	536.3	540.2	528.0	475.4	491.6	514.1	527.4	507.2	481.0	**467.9**	-2.7%	12.2%
Iran	1.6	1.5	1.6	1.2	1.4	1.3	1.4	1.1	1.2	1.2	**1.2**	1.2%	◆
Israel	7.9	7.8	8.0	7.9	7.7	7.7	7.9	8.8	7.4	6.9	**6.7**	-1.9%	0.2%
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	†	†	0.1	0.1	†	0.1	0.1	0.1	0.1	0.1	**0.1**	-29.5%	◆
United Arab Emirates	0.1	0.3	0.1	0.3	0.6	0.7	1.2	1.7	1.4	1.6	**1.6**	–	◆
Other Middle East	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	**0.8**	-2.8%	◆
Total Middle East	9.8	9.8	9.9	9.7	9.9	10.1	11.1	12.3	10.8	10.7	**10.5**	-1.7%	0.3%
Algeria	0.6	0.9	0.8	0.8	0.5	0.3	0.3	0.3	0.2	0.2	**0.2**	–	◆
Egypt	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.4	0.7	**0.7**	1.1%	◆
South Africa	80.1	81.5	83.6	93.3	93.8	92.8	90.4	88.3	88.9	90.1	**85.0**	-5.6%	2.2%
Other Africa	7.9	7.3	6.8	6.7	5.9	6.9	7.4	6.8	8.4	11.4	**11.0**	-3.9%	0.3%
Total Africa	89.4	90.6	92.0	101.4	100.8	100.4	98.5	95.8	97.8	102.4	**96.9**	-5.4%	2.5%
Australia	53.9	56.6	54.9	55.4	53.4	50.6	50.2	47.3	45.0	44.7	**46.6**	4.3%	1.2%
Bangladesh	0.5	0.5	0.6	0.6	0.8	0.8	0.7	0.9	1.0	0.9	**0.8**	-10.9%	◆
China	1318.2	1448.4	1576.9	1603.1	1680.4	1743.4	1899.0	1923.0	1964.4	1949.3	**1920.4**	-1.5%	50.0%
China Hong Kong SAR	6.9	6.9	7.5	6.9	7.2	6.2	7.4	7.3	7.8	8.1	**6.7**	-17.8%	0.2%
India	211.3	219.4	240.1	259.4	282.8	292.9	300.4	330.0	355.6	388.7	**407.2**	4.8%	10.6%
Indonesia	24.4	28.9	36.2	31.5	33.2	39.5	46.9	53.0	57.6	69.8	**80.3**	15.0%	2.1%
Japan	114.0	112.3	117.7	120.3	101.6	115.7	109.6	115.8	120.7	118.7	**119.4**	0.6%	3.1%
Malaysia	6.9	7.3	8.8	9.8	10.6	14.8	14.8	15.9	15.1	15.4	**17.6**	14.8%	0.5%
New Zealand	2.3	2.2	1.7	2.1	1.6	1.4	1.4	1.7	1.5	1.5	**1.4**	-1.7%	◆
Pakistan	3.8	4.0	5.4	6.0	4.9	4.6	4.0	4.2	3.2	4.7	**4.7**	-1.5%	0.1%
Philippines	4.6	5.0	5.4	6.4	6.1	7.0	7.7	8.1	10.0	10.6	**11.4**	7.4%	0.3%
Singapore	†	†	†	†	†	†	†	†	0.3	0.4	**0.4**	–	◆
South Korea	54.8	54.8	59.7	66.1	68.6	75.9	83.6	81.0	81.9	84.6	**84.5**	-0.2%	2.2%
Taiwan	35.3	37.0	38.8	37.0	35.2	37.6	38.9	38.0	38.6	39.0	**37.8**	-3.1%	1.0%
Thailand	11.6	12.4	13.9	15.1	15.1	15.5	15.8	16.4	15.8	17.9	**17.6**	-1.8%	0.5%
Vietnam	9.0	5.3	5.8	11.4	10.7	14.0	16.5	15.0	15.8	19.3	**22.2**	15.4%	0.6%
Other Asia Pacific	21.3	21.9	18.8	20.6	20.9	20.5	16.5	17.2	17.7	18.8	**19.3**	2.7%	0.5%
Total Asia Pacific	1878.6	2022.9	2192.3	2251.7	2333.2	2440.4	2613.5	2674.8	2752.0	2792.5	**2798.5**	0.2%	72.9%
Total World	**3130.6**	**3292.2**	**3476.0**	**3523.9**	**3473.6**	**3634.3**	**3800.0**	**3814.4**	**3890.7**	**3911.2**	**3839.9**	**-1.8%**	**100.0%**
of which: OECD	1175.3	1182.0	1201.1	1176.1	1051.7	1115.7	1095.8	1049.1	1059.2	1043.2	**979.2**	-6.1%	25.5%
Non-OECD	1955.4	2110.2	2274.9	2347.8	2421.9	2518.6	2704.2	2765.3	2831.5	2867.9	**2860.7**	-0.3%	74.5%
European Union	316.0	326.6	327.8	303.1	267.0	279.3	287.3	293.7	287.1	267.2	**262.4**	-1.8%	6.8%
CIS	161.4	167.3	167.3	179.0	161.5	164.6	174.7	180.7	171.8	162.6	**154.2**	-5.2%	4.0%

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

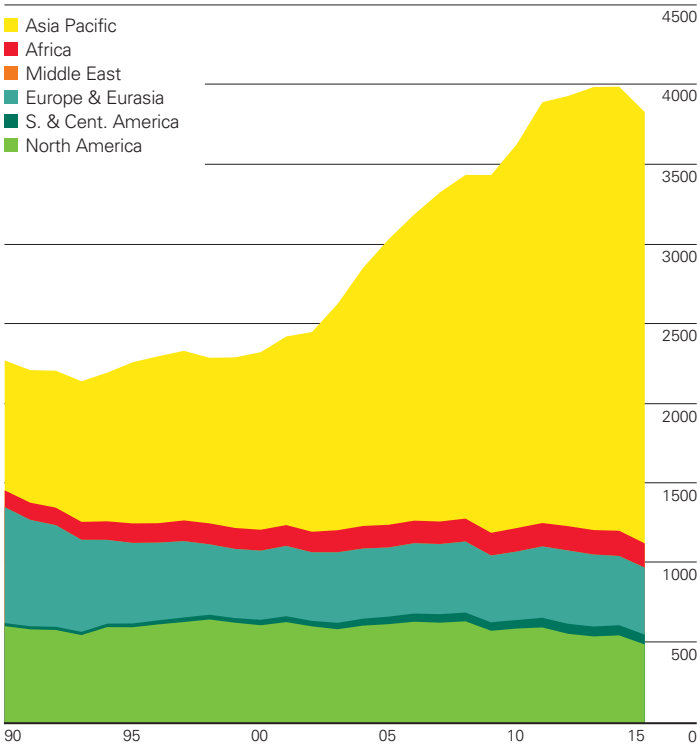
†Less than 0.05.

◆Less than 0.05%.

Note: 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.

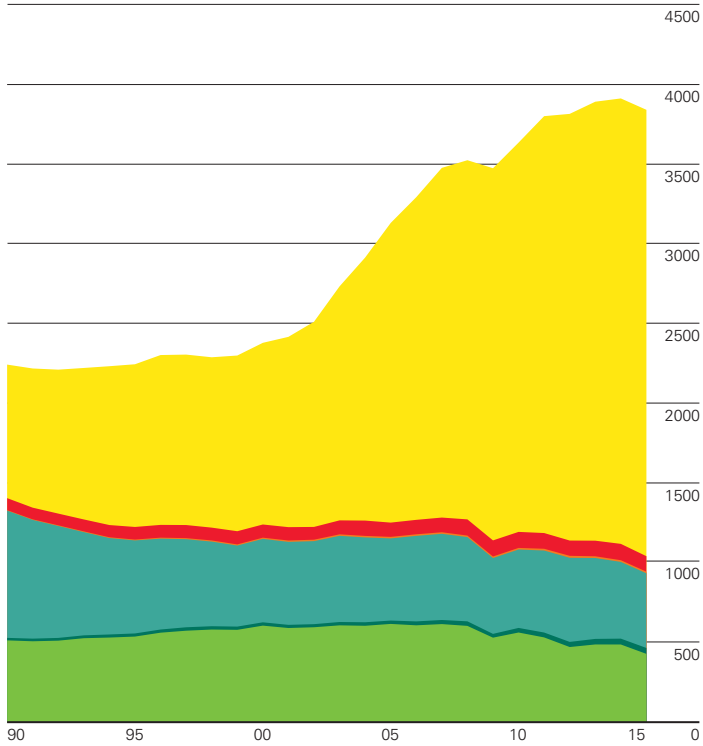
Coal: Production by region

Million tonnes oil equivalent



Coal: Consumption by region

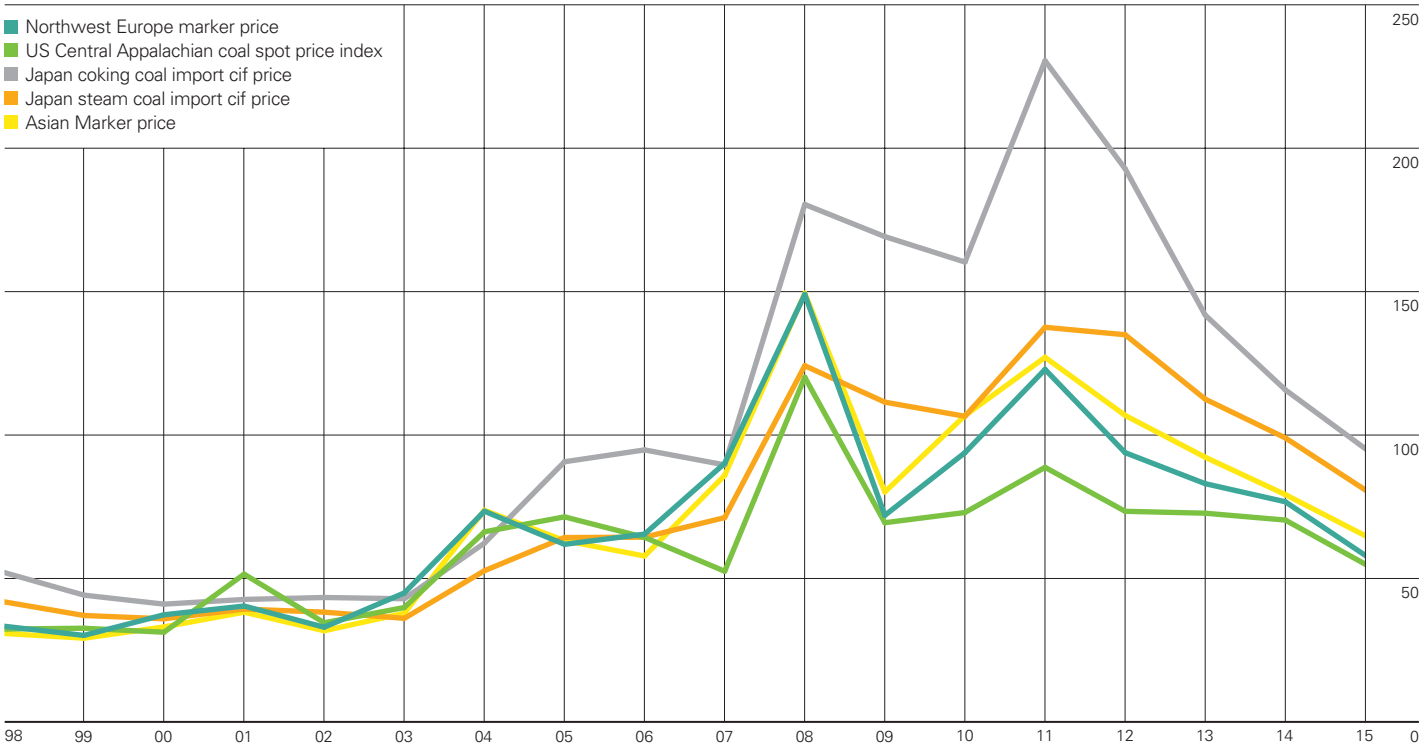
Million tonnes oil equivalent



World production and consumption of coal declined in 2015, by 4% and 1.8%, respectively. Production fell for the first time since 1998, with large declines in Asia Pacific (-2.9%) and North America (-10.3%). China remained by far the world's largest producer even though output fell by 2%. Coal consumption declined in all regions except South & Central America and Asia Pacific. The US and China accounted for all of the net decline in global consumption.

Coal prices

US dollars per tonne



Nuclear energy

Consumption*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	186.3	187.5	192.1	192.0	190.3	192.2	188.2	183.2	187.9	189.9	**189.9**	◆	32.6%
Canada	20.7	22.0	21.0	21.6	20.2	20.4	21.0	21.3	23.2	24.2	**23.6**	-2.5%	4.0%
Mexico	2.4	2.5	2.4	2.2	2.4	1.3	2.3	2.0	2.7	2.2	**2.6**	19.6%	0.4%
Total North America	209.4	212.0	215.4	215.8	212.9	213.9	211.5	206.5	213.8	216.3	**216.1**	-0.1%	37.1%
Argentina	1.6	1.7	1.6	1.7	1.9	1.6	1.4	1.4	1.4	1.3	**1.6**	23.5%	0.3%
Brazil	2.2	3.1	2.8	3.2	2.9	3.3	3.5	3.6	3.5	3.5	**3.3**	-4.2%	0.6%
Chile	–	–	–	–	–	–	–	–	–	–	–	–	–
Colombia	–	–	–	–	–	–	–	–	–	–	–	–	–
Ecuador	–	–	–	–	–	–	–	–	–	–	–	–	–
Peru	–	–	–	–	–	–	–	–	–	–	–	–	–
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	–	–	–
Venezuela	–	–	–	–	–	–	–	–	–	–	–	–	–
Other S. & Cent. America	–	–	–	–	–	–	–	–	–	–	–	–	–
Total S. & Cent. America	3.8	4.9	4.4	4.8	4.8	4.9	5.0	5.1	4.9	4.8	**5.0**	3.4%	0.8%
Austria	–	–	–	–	–	–	–	–	–	–	–	–	–
Azerbaijan	–	–	–	–	–	–	–	–	–	–	–	–	–
Belarus	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgium	10.8	10.6	10.9	10.3	10.7	10.8	10.9	9.1	9.6	7.6	**5.9**	-22.6%	1.0%
Bulgaria	4.2	4.4	3.3	3.6	3.5	3.5	3.7	3.6	3.2	3.6	**3.5**	-3.1%	0.6%
Czech Republic	5.6	5.9	5.9	6.0	6.2	6.3	6.4	6.9	7.0	6.9	**6.1**	-11.5%	1.0%
Denmark	–	–	–	–	–	–	–	–	–	–	–	–	–
Finland	5.3	5.2	5.4	5.3	5.4	5.2	5.3	5.3	5.4	5.4	**5.3**	-1.4%	0.9%
France	102.2	101.9	99.5	99.4	92.7	96.9	100.0	96.3	95.9	98.8	**99.0**	0.2%	17.0%
Germany	36.9	37.9	31.8	33.7	30.5	31.8	24.4	22.5	22.0	22.0	**20.7**	-5.8%	3.6%
Greece	–	–	–	–	–	–	–	–	–	–	–	–	–
Hungary	3.1	3.0	3.3	3.4	3.5	3.6	3.5	3.6	3.5	3.5	**3.6**	1.2%	0.6%
Ireland	–	–	–	–	–	–	–	–	–	–	–	–	–
Italy	–	–	–	–	–	–	–	–	–	–	–	–	–
Kazakhstan	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuania	2.3	2.0	2.2	2.2	2.5	–	–	–	–	–	–	–	–
Netherlands	0.9	0.8	1.0	0.9	1.0	0.9	0.9	0.9	0.7	0.9	**0.9**	-0.3%	0.2%
Norway	–	–	–	–	–	–	–	–	–	–	–	–	–
Poland	–	–	–	–	–	–	–	–	–	–	–	–	–
Portugal	–	–	–	–	–	–	–	–	–	–	–	–	–
Romania	1.3	1.3	1.7	2.5	2.7	2.6	2.7	2.6	2.6	2.6	**2.6**	-0.3%	0.5%
Russian Federation	33.4	35.4	36.2	36.9	37.0	38.6	39.1	40.2	39.0	40.9	**44.2**	8.0%	7.6%
Slovakia	4.0	4.1	3.5	3.8	3.2	3.3	3.5	3.5	3.6	3.5	**3.4**	-2.3%	0.6%
Spain	13.0	13.6	12.5	13.3	11.9	14.0	13.1	13.9	12.8	13.0	**12.9**	-0.2%	2.2%
Sweden	16.6	15.5	15.3	14.6	11.9	13.2	13.8	14.6	15.1	14.8	**12.9**	-12.6%	2.2%
Switzerland	5.2	6.3	6.3	6.2	6.2	6.0	6.1	5.8	5.9	6.3	**5.3**	-16.2%	0.9%
Turkey	–	–	–	–	–	–	–	–	–	–	–	–	–
Turkmenistan	–	–	–	–	–	–	–	–	–	–	–	–	–
Ukraine	20.1	20.4	20.9	20.3	18.8	20.2	20.4	20.4	18.8	20.0	**19.8**	-0.9%	3.4%
United Kingdom	18.5	17.1	14.3	11.9	15.6	14.1	15.6	15.9	16.0	14.4	**15.9**	10.3%	2.7%
Uzbekistan	–	–	–	–	–	–	–	–	–	–	–	–	–
Other Europe & Eurasia	1.9	1.9	1.9	2.0	1.9	1.8	2.0	1.8	1.7	2.0	**1.9**	-4.5%	0.3%
Total Europe & Eurasia	285.4	287.1	275.9	276.3	265.0	272.9	271.5	266.7	262.9	266.2	**264.0**	-0.8%	45.3%
Iran	–	–	–	–	–	–	†	0.3	0.9	1.0	**0.8**	-18.6%	0.1%
Israel	–	–	–	–	–	–	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	–	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	–	–	–
Other Middle East	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Middle East	–	–	–	–	–	–	†	0.3	0.9	1.0	**0.8**	-18.6%	0.1%
Algeria	–	–	–	–	–	–	–	–	–	–	–	–	–
Egypt	–	–	–	–	–	–	–	–	–	–	–	–	–
South Africa	2.7	2.4	2.7	3.1	3.1	2.9	3.2	2.8	3.4	3.3	**2.4**	-25.7%	0.4%
Other Africa	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Africa	2.7	2.4	2.7	3.1	3.1	2.9	3.2	2.8	3.4	3.3	**2.4**	-25.7%	0.4%
Australia	–	–	–	–	–	–	–	–	–	–	–	–	–
Bangladesh	–	–	–	–	–	–	–	–	–	–	–	–	–
China	12.0	12.4	14.1	15.5	15.9	16.7	19.5	22.0	25.3	30.0	**38.6**	28.9%	6.6%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	–	–	–
India	4.0	4.0	4.0	3.4	3.8	5.2	7.3	7.5	7.5	7.8	**8.6**	9.5%	1.5%
Indonesia	–	–	–	–	–	–	–	–	–	–	–	–	–
Japan	66.3	69.0	63.1	57.0	65.0	66.2	36.9	4.1	3.3	–	**1.0**	–	0.2%
Malaysia	–	–	–	–	–	–	–	–	–	–	–	–	–
New Zealand	–	–	–	–	–	–	–	–	–	–	–	–	–
Pakistan	0.6	0.6	0.6	0.4	0.6	0.5	0.9	1.0	1.2	1.1	**1.1**	-4.7%	0.2%
Philippines	–	–	–	–	–	–	–	–	–	–	–	–	–
Singapore	–	–	–	–	–	–	–	–	–	–	–	–	–
South Korea	33.2	33.7	32.3	34.2	33.4	33.6	35.0	34.0	31.4	35.4	**37.3**	5.3%	6.4%
Taiwan	9.0	9.0	9.2	9.2	9.4	9.4	9.5	9.1	9.4	9.6	**8.3**	-14.0%	1.4%
Thailand	–	–	–	–	–	–	–	–	–	–	–	–	–
Vietnam	–	–	–	–	–	–	–	–	–	–	–	–	–
Other Asia Pacific	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Asia Pacific	125.2	128.7	123.3	119.7	128.2	131.7	109.1	77.8	78.1	83.9	**94.9**	13.0%	16.3%
Total World	**626.4**	**635.0**	**621.8**	**619.8**	**613.9**	**626.3**	**600.4**	**559.3**	**564.0**	**575.5**	**583.1**	**1.3%**	**100.0%**
of which: OECD	532.4	537.6	521.8	517.1	511.5	521.2	488.4	444.1	447.2	450.2	**447.6**	-0.6%	76.8%
Non–OECD	94.0	97.4	100.0	102.7	102.4	105.1	111.9	115.2	116.8	125.3	**135.5**	8.1%	23.2%
European Union	226.0	224.4	211.8	212.3	202.5	207.6	205.3	199.8	198.6	198.5	**194.1**	-2.2%	33.3%
CIS	54.1	56.4	57.7	57.8	56.3	59.3	60.1	61.1	58.4	61.5	**64.6**	5.2%	11.1%

*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.
◆Less than 0.05%.
Note: Nuclear energy data expressed in terawatt-hours is available at *bp.com/statisticalreview*

Hydroelectricity

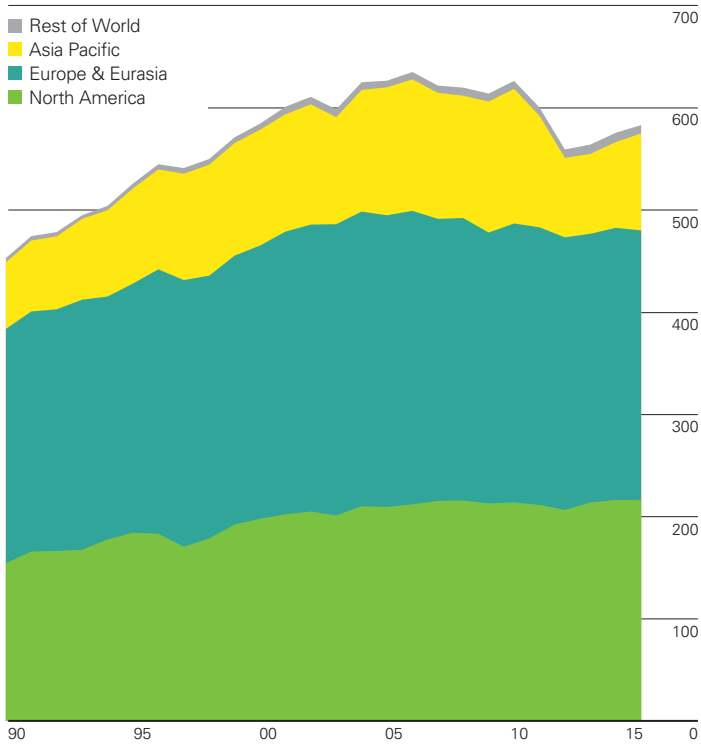
Consumption*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	61.8	66.1	56.6	58.2	62.5	59.5	73.0	63.1	61.4	59.3	**57.4**	-3.2%	6.4%
Canada	81.9	79.9	83.2	85.4	83.4	79.5	85.0	86.1	88.7	86.6	**86.7**	0.1%	9.7%
Mexico	6.2	6.9	6.1	8.8	6.0	8.3	8.1	7.1	6.2	8.6	**6.8**	-21.2%	0.8%
Total North America	150.0	152.8	145.9	152.5	151.9	147.3	166.1	156.3	156.3	154.5	**150.9**	-2.3%	16.9%
Argentina	9.0	9.9	8.6	8.5	9.3	9.2	9.0	8.4	9.3	9.3	**9.6**	2.3%	1.1%
Brazil	76.4	78.9	84.6	83.6	88.5	91.3	96.9	94.0	88.5	84.5	**81.7**	-3.3%	9.1%
Chile	6.0	7.0	5.2	5.7	5.9	5.0	4.7	4.6	4.5	5.2	**5.3**	1.5%	0.6%
Colombia	8.9	9.6	10.0	10.4	9.2	9.2	11.0	10.8	10.0	10.1	**10.1**	-0.1%	1.1%
Ecuador	1.5	1.6	2.0	2.5	2.1	2.0	2.5	2.8	2.5	2.6	**3.0**	14.3%	0.3%
Peru	4.1	4.4	4.4	4.3	4.5	4.5	4.9	5.0	5.1	5.0	**5.3**	4.9%	0.6%
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Venezuela	17.4	18.4	18.8	19.6	19.4	17.3	18.8	18.5	18.9	16.7	**17.3**	3.3%	1.9%
Other S. & Cent. America	18.2	18.4	19.4	19.5	19.2	20.2	20.6	21.3	22.0	20.9	**20.7**	-0.8%	2.3%
Total S. & Cent. America	141.5	148.3	153.0	154.1	158.1	158.8	168.4	165.3	160.6	154.4	**152.9**	-1.0%	17.1%
Austria	8.3	8.1	8.4	8.7	9.3	8.7	7.7	9.9	9.5	9.3	**8.3**	-10.4%	0.9%
Azerbaijan	0.7	0.6	0.5	0.5	0.5	0.8	0.6	0.4	0.3	0.3	**0.4**	26.0%	◆
Belarus	†	†	†	†	†	†	†	†	†	†	**†**	–	◆
Belgium	0.1	0.1	0.1	0.1	0.1	0.1	†	0.1	0.1	0.1	**0.1**	6.3%	◆
Bulgaria	1.0	0.9	0.7	0.7	0.8	1.1	0.7	0.7	0.9	1.0	**1.3**	25.7%	0.1%
Czech Republic	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.4	**0.4**	-6.0%	◆
Denmark	†	†	†	†	†	†	†	†	†	†	**†**	19.4%	◆
Finland	3.1	2.6	3.2	3.9	2.9	2.9	2.8	3.8	2.9	3.0	**3.8**	25.3%	0.4%
France	11.6	12.8	13.2	14.5	13.0	14.3	10.3	13.4	15.8	14.0	**12.2**	-13.0%	1.4%
Germany	4.4	4.5	4.8	4.6	4.3	4.7	4.0	5.0	5.2	4.4	**4.4**	-1.4%	0.5%
Greece	1.1	1.3	0.6	0.7	1.2	1.7	0.9	1.0	1.4	1.0	**1.3**	24.1%	0.1%
Hungary	†	†	†	†	0.1	†	0.1	†	†	0.1	**0.1**	-22.8%	◆
Ireland	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	**0.2**	13.8%	◆
Italy	8.2	8.4	7.4	9.4	11.1	11.6	10.4	9.5	11.9	13.1	**9.9**	-24.2%	1.1%
Kazakhstan	1.8	1.8	1.8	1.7	1.6	1.8	1.8	1.7	1.7	1.9	**1.8**	-4.3%	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**	-13.4%	◆
Netherlands	†	†	†	†	†	†	†	†	†	†	**†**	-21.7%	◆
Norway	30.9	27.0	30.2	31.5	28.3	26.4	27.2	32.1	29.0	30.6	**31.1**	1.5%	3.5%
Poland	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.6	0.5	**0.4**	-16.0%	◆
Portugal	1.1	2.5	2.3	1.5	1.9	3.7	2.6	1.3	3.1	3.5	**2.0**	-44.4%	0.2%
Romania	4.6	4.2	3.6	3.9	3.5	4.5	3.3	2.7	3.3	4.2	**3.7**	-11.9%	0.4%
Russian Federation	39.5	39.6	40.5	37.7	39.9	38.1	37.3	37.3	41.3	39.7	**38.5**	-3.0%	4.3%
Slovakia	1.0	1.0	1.0	0.9	1.0	1.2	0.8	0.9	1.1	1.0	**0.9**	-5.8%	0.1%
Spain	4.0	5.8	6.2	5.3	6.0	9.6	6.9	4.6	8.3	8.8	**6.3**	-28.8%	0.7%
Sweden	16.4	14.0	15.0	15.6	14.8	15.2	15.2	17.9	13.9	14.5	**16.9**	16.7%	1.9%
Switzerland	7.1	7.0	8.0	8.2	8.1	8.2	7.2	8.6	8.6	8.5	**8.5**	0.6%	1.0%
Turkey	9.0	10.0	8.1	7.5	8.1	11.7	11.8	13.1	13.4	9.2	**15.1**	64.6%	1.7%
Turkmenistan	†	†	†	†	†	†	†	†	†	†	**†**	–	◆
Ukraine	2.8	2.9	2.3	2.6	2.7	2.9	2.4	2.4	3.1	1.9	**1.4**	-25.7%	0.2%
United Kingdom	1.1	1.0	1.1	1.2	1.2	0.8	1.3	1.2	1.1	1.3	**1.4**	7.4%	0.2%
Uzbekistan	2.0	2.1	1.4	2.6	2.1	2.5	2.3	2.5	2.6	2.3	**2.5**	5.1%	0.3%
Other Europe & Eurasia	19.5	18.9	17.7	18.5	20.3	23.4	19.4	19.8	22.5	21.7	**21.5**	-0.8%	2.4%
Total Europe & Eurasia	180.5	178.3	179.5	183.1	184.0	197.5	178.4	191.2	202.8	196.7	**194.4**	-1.2%	21.8%
Iran	3.0	4.2	4.1	1.7	1.5	2.2	2.4	2.8	3.4	3.4	**4.1**	20.4%	0.5%
Israel	†	†	†	†	†	†	†	†	†	†	**†**	–	◆
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Middle East	2.2	2.5	2.2	1.5	1.3	1.9	1.9	2.3	2.0	1.4	**1.8**	33.2%	0.2%
Total Middle East	5.1	6.6	6.3	3.2	2.8	4.0	4.3	5.1	5.4	4.8	**5.9**	24.0%	0.7%
Algeria	0.1	†	0.1	0.1	0.1	†	0.1	0.1	†	†	**†**	-24.9%	◆
Egypt	2.9	2.9	3.5	3.3	2.9	3.0	2.9	3.0	3.0	3.0	**3.0**	–	0.3%
South Africa	0.3	0.7	0.2	0.3	0.3	0.5	0.5	0.3	0.3	0.2	**0.2**	–	◆
Other Africa	17.0	18.1	17.7	18.2	19.0	21.1	20.5	22.1	23.5	23.8	**23.8**	◆	2.7%
Total Africa	20.2	21.8	21.5	21.9	22.3	24.5	24.0	25.4	26.8	27.0	**27.0**	◆	3.0%
Australia	3.6	3.6	3.3	2.7	2.5	3.8	3.2	3.8	4.4	3.3	**3.1**	-5.1%	0.3%
Bangladesh	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	**0.2**	58.6%	◆
China	89.8	98.6	109.8	144.1	139.3	163.4	158.2	197.3	208.2	242.8	**254.9**	5.0%	28.5%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	**–**	–	–
India	22.0	25.4	27.7	26.0	24.0	25.0	29.8	26.2	29.8	29.6	**28.1**	-4.9%	3.2%
Indonesia	2.4	2.2	2.6	2.6	2.6	3.9	2.8	2.9	3.8	3.4	**3.6**	5.9%	0.4%
Japan	17.9	20.4	17.5	17.5	16.4	20.6	19.3	18.3	19.0	20.0	**21.9**	9.1%	2.4%
Malaysia	1.2	1.6	1.5	1.9	1.6	1.6	1.8	2.1	2.7	3.1	**3.3**	8.9%	0.4%
New Zealand	5.3	5.3	5.3	5.1	5.5	5.6	5.7	5.2	5.2	5.5	**5.6**	0.9%	0.6%
Pakistan	6.4	7.1	6.8	6.4	6.4	6.8	6.9	6.7	7.1	7.4	**7.8**	5.2%	0.9%
Philippines	1.9	2.2	1.9	2.2	2.2	1.8	2.2	2.3	2.3	2.1	**2.2**	7.5%	0.2%
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–
South Korea	0.8	0.8	0.8	0.7	0.6	0.8	1.0	0.9	1.0	0.9	**0.7**	-24.2%	0.1%
Taiwan	0.9	0.9	1.0	1.0	0.8	0.9	0.9	1.3	1.2	1.0	**1.0**	3.5%	0.1%
Thailand	1.3	1.8	1.8	1.6	1.6	1.2	1.8	1.9	1.2	1.2	**0.9**	-27.2%	0.1%
Vietnam	3.7	4.5	5.1	5.9	6.8	6.2	9.3	11.9	12.9	13.6	**14.4**	6.4%	1.6%
Other Asia Pacific	6.7	7.6	8.2	8.6	8.3	10.2	11.4	11.3	13.7	13.0	**14.1**	8.6%	1.6%
Total Asia Pacific	164.1	182.3	193.5	226.5	218.7	252.1	254.4	292.2	312.9	346.9	**361.9**	4.3%	40.5%
Total World	**661.4**	**690.2**	**699.7**	**741.4**	**737.9**	**784.2**	**795.5**	**835.6**	**864.8**	**884.3**	**892.9**	**1.0%**	**100.0%**
of which: OECD	294.5	299.9	291.5	302.8	299.3	309.2	314.2	316.2	321.1	317.3	**314.6**	-0.8%	35.2%
Non-OECD	366.9	390.3	408.2	438.6	438.5	475.0	481.4	519.3	543.7	567.0	**578.3**	2.0%	64.8%
European Union	70.3	71.3	71.2	75.3	76.0	85.6	71.0	76.2	83.8	84.5	**76.4**	-9.6%	8.6%
CIS	54.1	54.3	54.1	51.5	53.1	53.0	51.9	51.9	56.5	53.3	**51.5**	-3.3%	5.8%

*Based on gross primary hydroelectric 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%.
Note: Hydroelectricity data expressed in terawatt-hours is available at *bp.com/statisticalreview*

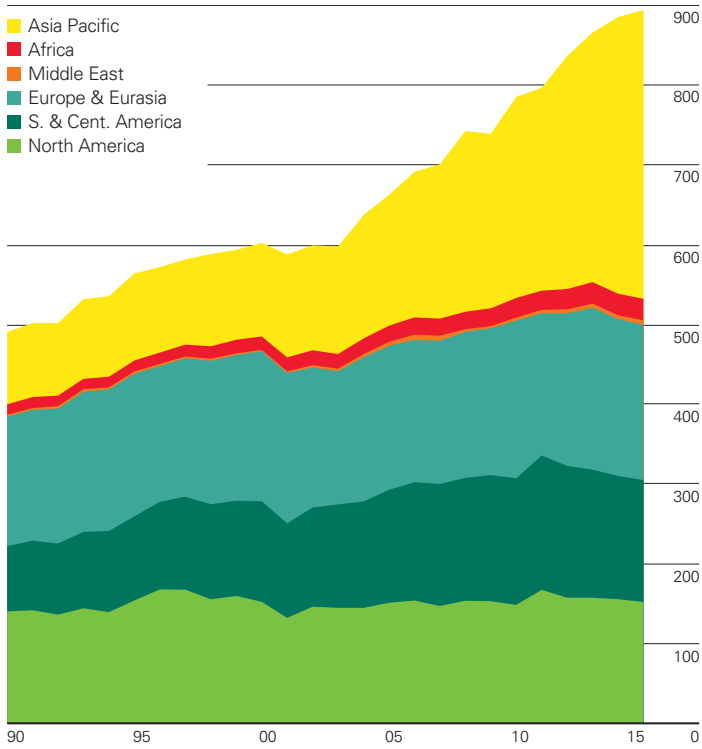
Nuclear energy consumption by region

Million tonnes oil equivalent



Hydroelectricity consumption by region

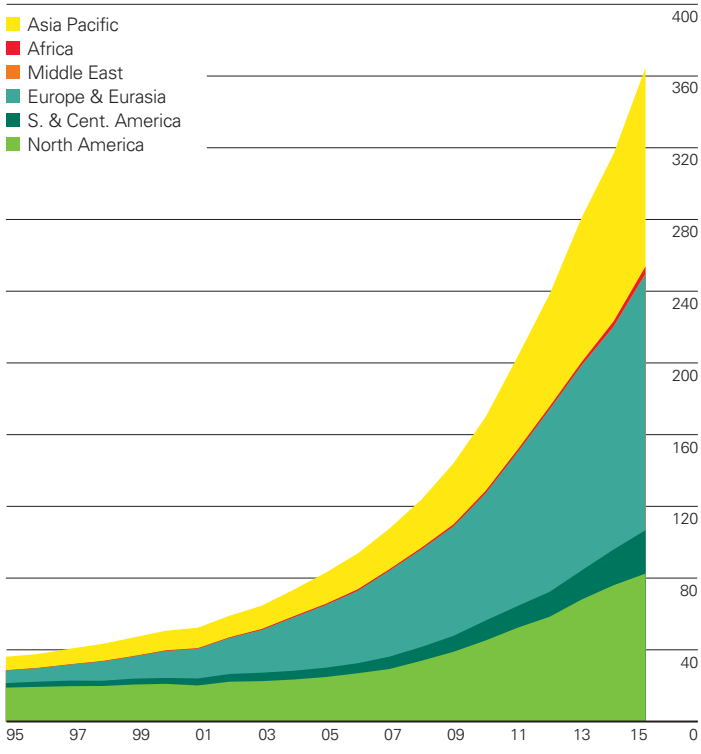
Million tonnes oil equivalent



World nuclear power generation increased by 1.3% in 2015, well above the 10-year average of -0.7%. The Asia Pacific region accounted for all of the net increase, driven by growth in China (+28.9%), which passed South Korea to become the world's fourth-largest producer of nuclear power. World hydroelectric output grew by a below-average 1%, with the Asia Pacific region again accounting for all of the net growth, even though the region's growth was just over half the 10-year average.

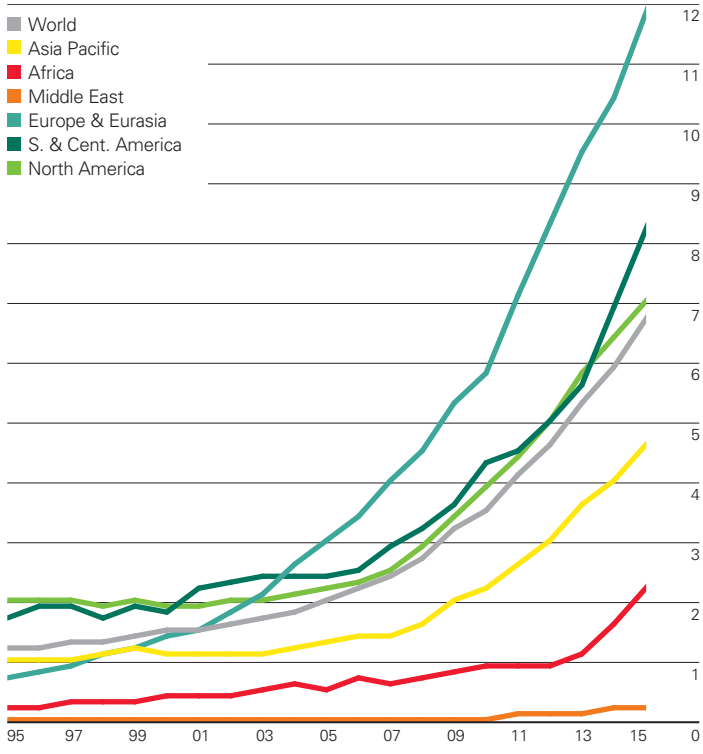
Other renewables consumption by region

Million tonnes oil equivalent



Other renewables share of power generation by region

Percentage



Renewable energy in power generation grew by 15.2%, slightly below the 10-year average growth rate, but the largest increment on record (+48 mtoe). Globally, wind provided the largest growth increment (+28 mtoe), but solar had the highest growth rate (+32.6%). Regionally, Europe & Eurasia and Asia Pacific provided the largest growth increments (+18.8 mtoe and 17.5 mtoe, respectively). Non-hydro renewable energy accounted for 6.7% of global power generation in 2015, up from 2% a decade ago. The Europe & Eurasia region has the highest share of power from renewables, at 11.9% (reaching 18.6% in the EU).

Renewable energy

Other renewables consumption*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	20.7	22.8	24.8	29.7	33.9	39.3	45.7	51.7	60.2	66.8	**71.7**	7.5%	19.7%
Canada	2.4	2.5	2.6	2.5	3.3	4.1	4.7	4.5	5.2	6.3	**7.3**	17.0%	2.0%
Mexico	1.8	1.7	1.9	1.8	1.8	2.0	2.0	2.4	2.6	3.0	**3.5**	15.7%	1.0%
Total North America	24.9	27.0	29.4	34.0	39.0	45.3	52.4	58.5	68.1	76.1	**82.6**	8.6%	22.6%
Argentina	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.8	**0.9**	5.5%	0.2%
Brazil	3.1	3.4	4.2	4.7	5.4	7.6	7.9	9.1	10.6	13.2	**16.3**	23.0%	4.5%
Chile	0.4	0.3	0.6	0.7	1.0	0.6	1.1	1.2	1.4	1.8	**2.0**	11.0%	0.5%
Colombia	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	**0.4**	3.5%	0.1%
Ecuador	†	†	†	†	†	0.1	0.1	0.1	0.1	0.1	**0.1**	9.4%	◆
Peru	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	**0.4**	28.7%	0.1%
Trinidad & Tobago	†	†	†	†	†	†	†	†	†	†	**†**	18.1%	◆
Venezuela	–	–	–	–	–	†	†	†	†	†	**†**	28.6%	◆
Other S. & Cent. America	1.1	1.2	1.4	1.6	1.8	1.9	2.1	2.5	2.9	3.4	**4.3**	27.2%	1.2%
Total S. & Cent. America	5.2	5.6	6.9	7.7	8.9	11.1	12.1	13.9	16.2	19.9	**24.2**	21.6%	6.6%
Austria	0.9	1.2	1.4	1.4	1.4	1.5	1.5	1.7	1.9	2.0	**2.4**	16.1%	0.6%
Azerbaijan	–	–	–	–	†	†	–	–	†	†	**†**	28.6%	◆
Belarus	†	†	†	†	†	†	†	†	†	0.1	**0.1**	53.3%	◆
Belgium	0.4	0.5	0.7	0.9	1.1	1.3	1.8	2.3	2.5	2.7	**3.2**	19.9%	0.9%
Bulgaria	†	†	†	†	0.1	0.2	0.2	0.5	0.6	0.6	**0.7**	13.4%	0.2%
Czech Republic	0.2	0.2	0.3	0.4	0.5	0.7	1.2	1.3	1.5	1.6	**1.7**	4.9%	0.5%
Denmark	2.2	2.1	2.3	2.3	2.3	2.8	3.2	3.4	3.6	4.1	**4.3**	4.1%	1.2%
Finland	2.2	2.5	2.3	2.4	2.0	2.5	2.6	2.6	2.9	2.9	**3.1**	6.7%	0.8%
France	1.1	1.4	1.9	2.3	2.8	3.4	4.4	5.5	5.9	6.5	**7.9**	20.9%	2.2%
Germany	9.7	11.7	15.2	16.5	17.2	19.0	24.0	27.5	29.3	32.3	**40.0**	23.5%	10.9%
Greece	0.3	0.4	0.5	0.6	0.6	0.7	0.9	1.3	1.8	1.7	**1.9**	8.7%	0.5%
Hungary	0.4	0.3	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	**0.7**	2.3%	0.2%
Ireland	0.3	0.4	0.5	0.6	0.7	0.7	1.1	1.0	1.1	1.3	**1.6**	24.0%	0.4%
Italy	3.1	3.5	3.8	4.1	4.6	5.8	8.4	11.4	13.4	14.1	**14.7**	4.5%	4.0%
Kazakhstan	–	†	†	†	†	†	†	†	†	†	**†**	35.5%	◆
Lithuania	†	†	†	†	†	0.1	0.1	0.2	0.2	0.3	**0.3**	23.3%	0.1%
Netherlands	1.7	1.8	1.7	2.1	2.4	2.5	2.8	2.8	2.7	2.6	**2.7**	2.2%	0.7%
Norway	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	**0.6**	11.8%	0.2%
Poland	0.4	0.5	0.7	1.0	1.4	1.8	2.4	3.4	3.3	4.0	**4.6**	15.5%	1.3%
Portugal	0.8	1.1	1.4	1.8	2.3	2.8	2.8	3.1	3.6	3.6	**3.5**	-2.7%	1.0%
Romania	†	†	†	†	†	0.1	0.4	0.6	1.2	1.5	**2.2**	46.5%	0.6%
Russian Federation	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	6.8%	◆
Slovakia	†	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	**0.5**	20.7%	0.1%
Spain	5.6	6.2	7.2	8.7	10.7	12.5	12.6	15.0	16.3	16.0	**15.4**	-4.0%	4.2%
Sweden	1.9	2.1	2.5	2.8	3.1	3.5	4.0	4.4	4.8	5.0	**6.2**	23.1%	1.7%
Switzerland	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	**0.7**	10.7%	0.2%
Turkey	0.1	0.1	0.2	0.3	0.5	0.9	1.3	1.7	2.3	2.8	**3.8**	34.4%	1.0%
Turkmenistan	–	–	–	–	–	†	†	†	†	†	**†**	31.8%	◆
Ukraine	†	†	0.1	0.1	†	0.1	0.1	0.2	0.3	0.4	**0.3**	-8.0%	0.1%
United Kingdom	2.7	3.1	3.3	3.8	4.5	5.0	6.5	8.1	11.0	13.3	**17.4**	31.0%	4.8%
Uzbekistan	–	–	–	–	–	†	†	†	†	†	**†**	23.1%	◆
Other Europe & Eurasia	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.9	2.0	2.2	**2.3**	4.7%	0.6%
Total Europe & Eurasia	34.9	40.3	48.0	54.4	61.0	70.9	85.7	101.7	114.3	124.1	**142.8**	15.1%	39.2%
Iran	†	†	†	†	0.1	†	0.1	0.1	0.1	0.1	**0.1**	15.2%	◆
Israel	†	†	†	†	†	†	0.1	0.1	0.1	0.2	**0.3**	30.9%	0.1%
Kuwait	–	–	–	–	–	†	†	†	†	†	**†**	36.9%	◆
Qatar	–	–	–	–	–	†	†	†	†	†	**†**	52.9%	◆
Saudi Arabia	–	–	–	–	–	–	†	†	†	†	**†**	–	◆
United Arab Emirates	–	–	–	–	†	†	†	†	†	0.1	**0.1**	24.7%	◆
Other Middle East	†	†	†	†	†	†	†	†	†	†	**0.1**	199.9%	◆
Total Middle East	†	†	†	0.1	0.1	0.1	0.1	0.2	0.2	0.4	**0.5**	36.3%	0.1%
Algeria	–	–	–	–	–	†	†	†	†	†	**†**	31.1%	◆
Egypt	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	**0.4**	4.9%	0.1%
South Africa	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	**1.0**	75.3%	0.3%
Other Africa	0.5	0.7	0.6	0.6	0.8	0.9	0.9	1.0	1.3	1.8	**2.4**	32.6%	0.7%
Total Africa	0.7	0.9	0.8	0.9	1.1	1.3	1.4	1.4	1.7	2.7	**3.8**	37.9%	1.0%
Australia	1.2	1.4	1.6	1.7	1.7	2.0	2.4	3.0	3.7	4.1	**4.5**	11.3%	1.2%
Bangladesh	†	†	†	†	†	†	†	†	†	†	**0.1**	15.9%	◆
China	1.7	2.5	3.5	6.4	11.0	15.9	23.7	30.8	44.1	51.9	**62.7**	20.9%	17.2%
China Hong Kong SAR	–	†	†	†	†	†	†	†	†	†	**†**	-0.2%	◆
India	2.3	3.3	4.0	4.8	6.3	7.2	8.8	10.8	12.3	13.6	**15.5**	13.7%	4.2%
Indonesia	1.5	1.5	1.6	1.9	2.1	2.1	2.2	2.2	2.2	2.3	**2.4**	2.3%	0.7%
Japan	6.5	6.6	6.9	6.8	6.8	7.2	7.5	8.2	9.6	11.6	**14.5**	24.8%	4.0%
Malaysia	–	–	†	†	0.3	0.3	0.3	0.4	0.3	0.2	**0.2**	4.8%	0.1%
New Zealand	1.0	1.0	1.1	1.3	1.6	1.8	2.0	2.0	2.0	2.3	**2.4**	7.2%	0.7%
Pakistan	–	–	–	–	–	†	†	†	†	0.2	**0.4**	119.6%	0.1%
Philippines	2.2	2.4	2.3	2.4	2.4	2.3	2.3	2.4	2.2	2.4	**2.7**	11.7%	0.7%
Singapore	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.2**	7.8%	◆
South Korea	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.7	1.0	1.2	**1.6**	29.1%	0.4%
Taiwan	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.9	**1.0**	10.6%	0.3%
Thailand	0.4	0.5	0.6	0.5	0.5	0.8	0.9	1.2	1.6	2.1	**2.3**	10.1%	0.6%
Vietnam	†	†	†	†	†	†	†	†	†	†	**0.1**	50.0%	◆
Other Asia Pacific	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	**0.3**	8.6%	0.1%
Total Asia Pacific	17.4	20.0	22.7	26.9	34.1	41.2	51.9	62.7	80.5	93.4	**110.9**	18.7%	30.4%
Total World	**83.2**	**93.9**	**107.8**	**123.9**	**144.2**	**169.9**	**203.6**	**238.5**	**281.1**	**316.6**	**364.9**	**15.2%**	**100.0%**
of which: OECD	68.8	76.6	87.6	98.8	111.2	127.8	150.7	173.5	197.5	217.9	**246.3**	13.1%	67.5%
Non-OECD	14.4	17.3	20.3	25.1	33.0	42.2	52.9	64.9	83.7	98.7	**118.5**	20.1%	32.5%
European Union	33.9	39.0	46.2	52.4	58.7	68.2	82.4	97.7	109.4	118.3	**136.0**	14.9%	37.3%
CIS	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.6	**0.6**	4.2%	0.2%

*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%.
Note: Other renewables data expressed in terawatt-hours is available at *bp.com/statisticalreview*

Biofuels production

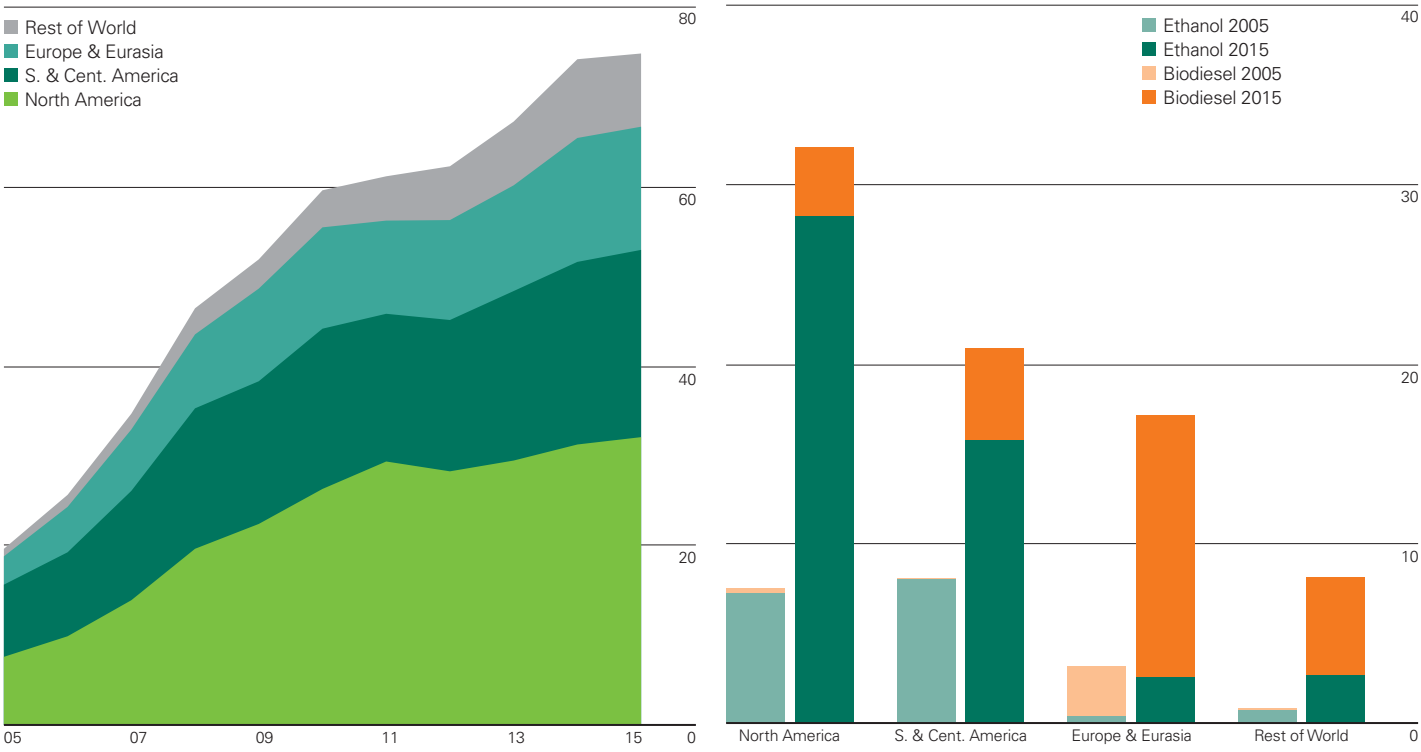
Thousand tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	7478	9746	13456	19149	21697	25568	28518	27270	28462	30118	**30983**	2.9%	41.4%
Canada	133	160	461	501	721	741	851	1001	972	1104	**1059**	-4.1%	1.4%
Mexico	–	–	4	4	4	13	12	14	53	53	**53**	–	0.1%
Total North America	7612	9906	13922	19654	22422	26322	29381	28285	29487	31275	**32095**	2.6%	42.9%
Argentina	9	29	172	632	1049	1663	2224	2285	2005	2577	**1961**	-23.9%	2.6%
Brazil	7835	8729	11323	14137	13964	15440	13210	13518	15687	16517	**17636**	6.8%	23.6%
Colombia	14	131	141	145	303	439	554	608	629	654	**670**	2.4%	0.9%
Other S. & Cent. America	185	469	546	736	585	316	470	453	567	599	**599**	–	0.8%
Total S. & Cent. America	8043	9358	12182	15650	15900	17859	16459	16863	18888	20348	**20867**	2.6%	27.9%
Austria	70	105	220	263	354	375	370	370	354	310	**360**	16.4%	0.5%
Belgium	1	21	140	278	473	582	623	520	505	530	**514**	-3.1%	0.7%
Finland	6	11	51	96	267	363	207	179	52	52	**65**	25.5%	0.1%
France	439	665	1122	2012	2312	2269	1859	2071	2220	2603	**2592**	-0.4%	3.5%
Germany	1525	2488	3181	2727	2728	2888	2825	2888	2632	3371	**3130**	-7.1%	4.2%
Italy	340	585	443	617	758	670	479	292	447	571	**621**	8.7%	0.8%
Netherlands	3	22	80	77	241	384	651	1250	1445	1749	**1749**	–	2.3%
Poland	109	144	96	279	393	421	398	631	674	731	**882**	20.5%	1.2%
Portugal	1	70	162	149	226	284	330	276	274	301	**315**	4.6%	0.4%
Spain	282	251	352	359	958	1267	809	586	709	988	**1005**	1.7%	1.3%
Sweden	48	88	146	178	246	276	330	398	543	774	**701**	-9.5%	0.9%
United Kingdom	39	219	359	276	220	304	251	287	482	359	**359**	–	0.5%
Other Europe & Eurasia	293	391	489	929	1150	1207	1252	1390	1440	1472	**1434**	-2.6%	1.9%
Total Europe & Eurasia	3156	5061	6840	8241	10325	11291	10385	11136	11778	13811	**13726**	-0.6%	18.3%
Total Middle East	–	–	–	–	–	4	4	4	4	4	**4**	–	◆
Total Africa	6	6	6	11	17	32	25	27	32	54	**69**	28.1%	0.1%
Australia	20	54	70	111	165	200	217	189	188	178	**205**	14.8%	0.3%
China	622	846	901	1096	1124	1479	1673	1929	2101	2207	**2430**	10.1%	3.2%
India	114	134	136	155	70	113	192	208	248	320	**362**	13.1%	0.5%
Indonesia	9	44	216	528	464	718	1104	1388	1740	2532	**1344**	-46.9%	1.8%
South Korea	9	39	74	141	343	491	308	272	308	323	**375**	15.9%	0.5%
Thailand	52	80	138	495	619	661	721	994	1251	1402	**1508**	7.5%	2.0%
Other Asia Pacific	10	137	217	373	455	435	693	983	1233	1753	**1863**	6.2%	2.5%
Total Asia Pacific	834	1335	1752	2899	3241	4097	4909	5963	7070	8716	**8086**	-7.2%	10.8%
Total World	**19651**	**25666**	**34702**	**46454**	**51905**	**59605**	**61163**	**62278**	**67260**	**74208**	**74847**	**0.9%**	**100.0%**
of which: OECD	10778	15024	20802	27919	32921	37990	39930	39528	41381	45211	**46026**	1.8%	61.5%
Non-OECD	8872	10642	13900	18535	18984	21614	21233	22750	25880	28997	**28822**	-0.6%	38.5%
European Union	3133	5012	6768	8100	10149	11105	10172	10998	11673	13704	**13618**	-0.6%	18.2%
CIS	–	–	1	7	34	37	28	29	23	23	**23**	–	◆

◆Less than 0.05%.
Note: Consumption of fuel ethanol and biodiesel is included in oil consumption tables.

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

World biofuels production

Million tonnes oil equivalent



World biofuels production increased by 0.9% in 2015, the slowest rate of growth since output declined in 2000. Global ethanol production increased by 4.1%, the third consecutive year of growth, led by increases from Asia Pacific, South & Central America, and North America. Biodiesel production declined by 4.9% in 2015, with output declining in all of the major producing regions.

1 Primary energy

Consumption*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	**2015**	Change 2015 over 2014	2015 share of total
US	2350.2	2333.1	2371.8	2320.3	2206.1	2285.3	2266.0	2210.4	2271.7	2300.5	**2280.6**	-0.9%	17.3%
Canada	323.9	321.1	326.9	327.4	311.6	316.4	328.7	326.6	335.0	335.5	**329.9**	-1.7%	2.5%
Mexico	167.7	172.9	170.8	174.3	174.1	178.1	186.4	188.5	188.9	190.0	**185.0**	-2.6%	1.4%
Total North America	2841.8	2827.2	2869.5	2821.9	2691.7	2779.8	2781.2	2725.4	2795.6	2826.0	**2795.5**	-1.1%	21.3%
Argentina	69.0	72.5	75.6	76.8	74.8	79.6	81.5	83.6	85.5	86.3	**87.8**	1.8%	0.7%
Brazil	207.5	213.3	227.0	237.7	236.3	260.8	273.8	279.3	290.0	297.6	**292.8**	-1.6%	2.2%
Chile	28.7	31.3	31.6	31.5	31.2	30.6	33.6	34.0	34.4	34.7	**34.9**	0.7%	0.3%
Colombia	27.2	31.1	31.1	34.9	32.5	34.9	36.3	38.9	38.9	40.9	**42.5**	3.9%	0.3%
Ecuador	9.7	10.3	10.9	11.6	11.5	12.7	13.5	14.3	14.7	15.3	**15.4**	0.6%	0.1%
Peru	13.6	13.8	15.1	16.4	16.7	19.1	20.9	21.7	22.3	22.9	**24.1**	5.4%	0.2%
Trinidad & Tobago	15.9	20.5	21.4	21.0	21.7	22.7	22.7	21.6	21.9	21.5	**21.2**	-1.6%	0.2%
Venezuela	70.4	78.5	81.2	84.4	82.9	80.7	80.3	84.1	84.7	81.2	**80.5**	-0.8%	0.6%
Other S. & Cent. America	89.1	91.1	92.3	91.1	90.3	92.7	95.4	96.2	96.1	97.8	**100.0**	2.2%	0.8%
Total S. & Cent. America	531.1	562.2	586.2	605.4	597.9	633.9	658.0	673.8	688.5	698.2	**699.3**	0.2%	5.3%
Austria	36.1	35.9	35.0	35.7	34.6	35.9	33.8	35.4	35.1	33.9	**34.1**	0.3%	0.3%
Azerbaijan	13.8	13.6	12.3	12.3	10.9	10.7	11.9	12.3	12.6	13.2	**13.7**	3.7%	0.1%
Belarus	24.8	26.3	25.7	25.9	24.4	25.9	25.9	27.9	24.7	24.9	**23.6**	-5.5%	0.2%
Belgium	64.8	64.5	64.9	66.6	61.6	66.0	61.3	58.6	60.0	55.9	**56.5**	1.0%	0.4%
Bulgaria	19.7	20.1	19.6	19.5	17.1	17.8	19.1	18.1	16.7	17.9	**18.9**	5.8%	0.1%
Czech Republic	44.2	45.1	44.9	43.6	41.2	42.8	42.1	41.7	40.9	40.1	**39.6**	-1.1%	0.3%
Denmark	19.6	21.7	20.5	19.8	18.6	19.5	18.5	17.1	18.0	17.5	**16.9**	-3.2%	0.1%
Finland	29.3	31.4	31.4	30.4	28.4	30.9	28.6	27.6	27.2	26.3	**25.9**	-1.5%	0.2%
France	262.4	261.1	257.4	259.1	245.2	253.2	244.5	244.7	247.4	237.5	**239.0**	0.6%	1.8%
Germany	332.3	341.3	327.2	330.7	310.2	323.7	312.3	316.7	325.8	311.9	**320.6**	2.8%	2.4%
Greece	32.9	34.3	34.6	33.5	32.7	31.5	30.7	29.3	27.9	26.3	**26.3**	-0.1%	0.2%
Hungary	27.2	27.3	26.7	26.5	24.2	24.9	23.2	21.7	20.5	20.5	**21.5**	4.9%	0.2%
Ireland	15.9	16.2	16.7	16.6	15.2	15.2	14.1	14.0	13.7	13.7	**14.6**	6.8%	0.1%
Italy	185.6	184.9	181.0	179.2	167.1	172.2	168.4	162.2	155.7	146.8	**151.7**	3.4%	1.2%
Kazakhstan	42.4	47.5	49.9	52.8	47.4	48.5	55.0	57.5	57.4	57.7	**54.8**	-5.0%	0.4%
Lithuania	7.9	7.6	8.3	8.2	7.6	5.6	5.8	5.8	5.4	5.2	**5.3**	1.7%	◆
Netherlands	96.1	95.3	95.0	93.0	91.8	96.1	91.5	88.4	86.4	81.1	**81.6**	0.7%	0.6%
Norway	46.0	42.3	45.7	46.7	43.6	41.9	43.0	47.8	45.0	46.4	**47.1**	1.4%	0.4%
Poland	90.6	94.1	93.7	95.4	92.0	98.2	98.7	95.7	96.0	92.4	**95.0**	2.7%	0.7%
Portugal	25.4	25.1	25.2	24.2	24.4	25.6	24.5	22.4	24.5	24.6	**24.1**	-2.2%	0.2%
Romania	41.0	39.6	38.6	39.0	33.5	33.8	34.7	34.0	31.5	32.5	**33.1**	1.8%	0.3%
Russian Federation	647.2	676.1	680.5	683.5	648.0	673.3	694.9	695.3	688.0	689.8	**666.8**	-3.3%	5.1%
Slovakia	19.0	18.4	17.3	17.9	16.3	17.4	16.8	16.2	16.8	15.5	**15.8**	2.1%	0.1%
Spain	152.3	154.1	158.0	153.7	142.8	146.2	143.1	142.4	134.2	132.1	**134.4**	1.7%	1.0%
Sweden	55.5	52.2	53.3	52.9	48.3	52.1	51.5	54.7	51.4	51.7	**53.0**	2.5%	0.4%
Switzerland	27.4	28.7	28.4	29.4	29.4	28.7	27.2	28.8	29.7	28.4	**27.9**	-2.0%	0.2%
Turkey	86.4	96.2	102.8	103.3	104.3	111.0	115.0	120.2	117.6	122.8	**131.3**	7.0%	1.0%
Turkmenistan	19.5	21.4	24.2	24.5	22.7	25.9	27.0	29.7	26.8	31.3	**37.3**	19.4%	0.3%
Ukraine	136.2	137.7	134.4	132.9	112.9	121.0	125.7	122.6	114.7	101.0	**85.1**	-15.8%	0.6%
United Kingdom	228.9	226.3	219.7	216.4	205.2	210.5	198.8	201.9	201.4	188.9	**191.2**	1.2%	1.5%
Uzbekistan	46.4	45.7	48.4	52.0	43.3	43.8	49.7	49.2	48.7	50.3	**51.6**	2.7%	0.4%
Other Europe & Eurasia	88.4	92.4	91.7	95.3	93.2	98.6	96.9	94.4	96.1	94.1	**96.0**	2.0%	0.7%
Total Europe & Eurasia	2965.2	3024.4	3012.9	3020.8	2838.2	2948.5	2934.2	2934.3	2898.0	2832.3	**2834.4**	0.1%	21.6%
Iran	177.5	194.2	208.2	215.9	226.7	227.8	237.9	238.6	247.6	260.8	**267.2**	2.5%	2.0%
Israel	21.6	21.7	22.9	23.3	22.3	23.8	24.3	25.2	24.7	24.2	**25.6**	5.7%	0.2%
Kuwait	30.5	28.9	28.8	30.5	31.6	34.7	35.3	38.1	39.5	39.5	**41.0**	3.9%	0.3%
Qatar	20.7	22.2	26.4	23.3	23.9	35.4	26.7	31.6	47.8	45.7	**51.5**	12.7%	0.4%
Saudi Arabia	158.4	164.5	171.4	186.9	196.5	216.1	222.2	235.7	237.4	252.4	**264.0**	4.6%	2.0%
United Arab Emirates	63.0	66.2	73.1	84.0	82.6	86.2	91.4	95.2	97.2	99.0	**103.9**	5.0%	0.8%
Other Middle East	96.1	94.3	94.0	104.8	110.0	118.1	117.4	119.9	127.4	127.6	**131.4**	3.0%	1.0%
Total Middle East	567.8	592.0	624.8	668.6	693.7	742.1	755.3	784.3	821.6	849.2	**884.7**	4.2%	6.7%
Algeria	32.7	33.8	35.6	37.7	39.9	38.9	41.3	45.2	47.9	52.2	**54.6**	4.6%	0.4%
Egypt	62.1	65.4	69.6	73.6	76.5	80.7	82.1	86.3	85.7	85.5	**86.2**	0.8%	0.7%
South Africa	110.8	113.0	116.3	125.8	124.5	126.4	125.9	123.7	124.6	128.0	**124.2**	-2.9%	0.9%
Other Africa	122.9	122.8	127.5	134.1	132.3	144.3	140.9	150.2	155.3	162.6	**169.9**	4.5%	1.3%
Total Africa	328.5	335.1	349.0	371.1	373.1	390.2	390.1	405.4	413.6	428.2	**435.0**	1.6%	3.3%
Australia	120.9	129.5	130.0	131.2	129.8	129.8	130.7	131.2	130.7	129.9	**131.4**	1.2%	1.0%
Bangladesh	16.9	18.0	18.8	19.9	21.9	22.9	24.3	26.5	27.0	28.3	**30.7**	8.7%	0.2%
China	1793.7	1968.0	2140.1	2222.3	2322.1	2487.4	2687.9	2795.3	2903.9	2970.3	**3014.0**	1.5%	22.9%
China Hong Kong SAR	23.3	24.7	26.3	24.6	26.8	27.5	28.1	27.0	27.8	27.1	**27.9**	2.9%	0.2%
India	393.6	413.9	450.2	475.7	515.2	541.0	565.0	599.8	626.0	666.2	**700.5**	5.2%	5.3%
Indonesia	122.1	123.9	132.9	131.3	134.9	148.8	162.8	170.8	175.0	188.3	**195.6**	3.9%	1.5%
Japan	522.5	521.8	517.4	510.8	469.0	497.4	471.9	468.5	465.8	453.9	**448.5**	-1.2%	3.4%
Malaysia	67.5	69.6	73.1	76.5	73.6	76.9	79.3	82.8	89.0	90.3	**93.1**	3.1%	0.7%
New Zealand	18.8	19.0	19.0	19.1	19.1	19.7	19.6	19.7	19.9	20.8	**21.0**	0.7%	0.2%
Pakistan	61.2	65.2	68.5	70.0	71.1	71.4	71.4	71.8	71.6	73.9	**78.2**	5.7%	0.6%
Philippines	26.4	25.6	26.7	27.6	28.0	28.8	29.5	30.5	32.5	34.4	**37.7**	9.7%	0.3%
Singapore	47.4	52.3	56.1	59.8	64.3	69.0	71.7	71.9	73.9	76.3	**80.2**	5.2%	0.6%
South Korea	221.0	222.9	231.9	236.4	237.4	254.6	267.8	270.5	270.9	273.1	**276.9**	1.4%	2.1%
Taiwan	103.4	105.6	110.3	104.2	102.4	108.6	108.7	108.4	109.9	111.4	**110.7**	-0.6%	0.8%
Thailand	88.5	88.8	93.6	95.1	98.4	105.8	110.2	118.0	120.3	123.4	**124.9**	1.1%	0.9%
Vietnam	30.8	28.1	30.6	38.2	39.3	44.3	50.3	52.7	55.0	60.1	**65.9**	9.6%	0.5%
Other Asia Pacific	47.9	50.2	49.2	50.0	50.6	53.0	52.4	53.4	56.5	58.9	**61.3**	4.1%	0.5%
Total Asia Pacific	3705.7	3927.1	4174.9	4292.9	4403.9	4686.8	4931.6	5098.9	5255.9	5386.6	**5498.5**	2.1%	41.8%
Total World	**10940.0**	**11267.8**	**11617.3**	**11780.8**	**11598.5**	**12181.4**	**12450.4**	**12622.1**	**12873.1**	**13020.6**	**13147.3**	**1.0%**	**100.0%**
of which: OECD	5673.1	5689.8	5723.0	5671.5	5398.7	5601.5	5538.5	5483.9	5539.5	5499.2	**5503.1**	0.1%	41.9%
Non-OECD	5266.9	5578.0	5894.3	6109.3	6199.8	6579.9	6911.9	7138.2	7333.6	7521.4	**7644.2**	1.6%	58.1%
European Union	1821.2	1830.9	1804.3	1797.7	1692.1	1755.4	1696.2	1681.7	1670.1	1605.7	**1630.9**	1.6%	12.4%
CIS	944.9	983.6	991.8	999.9	924.9	964.9	1006.9	1012.5	989.8	985.7	**950.4**	-3.6%	7.2%

*In this review, primary energy comprises commercially-traded fuels, including modern renewables used to generate electricity.
◆Less than 0.05%.
Note: Oil consumption is measured in million tonnes; other fuels in million tonnes of oil equivalent.

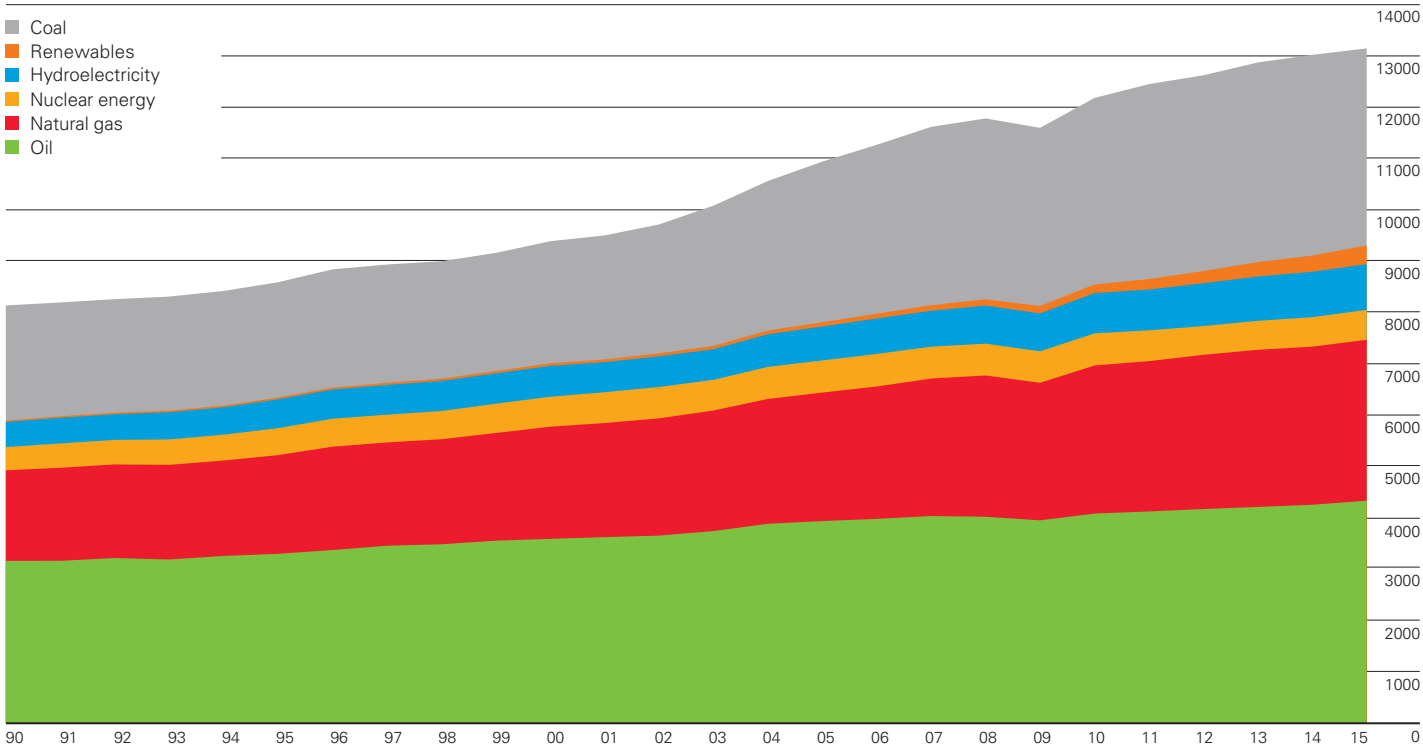
Primary energy: Consumption by fuel*

Million tonnes oil equivalent	2014 Oil	Natural gas	Coal	Nuclear energy	Hydro–electricity	Renew–ables	Total	2015 Oil	Natural gas	Coal	Nuclear energy	Hydro–electricity	Renew–ables	Total
US	838.1	692.7	453.8	189.9	59.3	66.8	2300.5	851.6	713.6	396.3	189.9	57.4	71.7	**2280.6**
Canada	103.3	93.8	21.4	24.2	86.6	6.3	335.5	100.3	92.2	19.8	23.6	86.7	7.3	**329.9**
Mexico	85.2	78.1	12.8	2.2	8.6	3.0	190.0	84.3	74.9	12.8	2.6	6.8	3.5	**185.0**
Total North America	1026.6	864.6	487.9	216.3	154.5	76.1	2826.0	1036.3	880.7	429.0	216.1	150.9	82.6	**2795.5**
Argentina	30.9	42.4	1.5	1.3	9.3	0.8	86.3	31.6	42.8	1.4	1.6	9.6	0.9	**87.8**
Brazil	143.4	35.5	17.6	3.5	84.5	13.2	297.6	137.3	36.8	17.4	3.3	81.7	16.3	**292.8**
Chile	16.7	3.4	7.6	–	5.2	1.8	34.7	16.9	3.5	7.2	–	5.3	2.0	**34.9**
Colombia	14.6	9.8	6.0	–	10.1	0.3	40.9	15.5	9.5	7.0	–	10.1	0.4	**42.5**
Ecuador	12.0	0.6	–	–	2.6	0.1	15.3	11.7	0.6	–	–	3.0	0.1	**15.4**
Peru	10.2	6.5	0.9	–	5.0	0.3	22.9	10.9	6.8	0.9	–	5.3	0.4	**24.1**
Trinidad & Tobago	1.8	19.8	–	–	–	†	21.5	1.8	19.4	–	–	–	†	**21.2**
Venezuela	36.7	27.7	0.2	–	16.7	†	81.2	32.0	31.1	0.2	–	17.3	†	**80.5**
Other S. & Cent. America	63.6	6.9	3.0	–	20.9	3.4	97.8	65.0	6.9	3.0	–	20.7	4.3	**100.0**
Total S. & Cent. America	329.8	152.6	36.7	4.8	154.4	19.9	698.2	322.7	157.3	37.1	5.0	152.9	24.2	**699.3**
Austria	12.5	7.1	3.0	–	9.3	2.0	33.9	12.6	7.5	3.2	–	8.3	2.4	**34.1**
Azerbaijan	4.4	8.5	†	–	0.3	†	13.2	4.5	8.8	†	–	0.4	†	**13.7**
Belarus	7.3	16.5	1.0	–	†	0.1	24.9	7.1	15.5	0.8	–	†	0.1	**23.6**
Belgium	29.8	12.4	3.3	7.6	0.1	2.7	55.9	30.5	13.6	3.2	5.9	0.1	3.2	**56.5**
Bulgaria	3.9	2.4	6.4	3.6	1.0	0.6	17.9	4.2	2.6	6.7	3.5	1.3	0.7	**18.9**
Czech Republic	9.1	6.2	15.9	6.9	0.4	1.6	40.1	9.4	6.5	15.6	6.1	0.4	1.7	**39.6**
Denmark	7.9	2.8	2.6	–	†	4.1	17.5	8.1	2.9	1.8	–	†	4.3	**16.9**
Finland	8.6	2.3	4.1	5.4	3.0	2.9	26.3	8.3	1.9	3.5	5.3	3.8	3.1	**25.9**
France	76.9	32.6	8.7	98.8	14.0	6.5	237.5	76.1	35.1	8.7	99.0	12.2	7.9	**239.0**
Germany	110.4	64.0	78.8	22.0	4.4	32.3	311.9	110.2	67.2	78.3	20.7	4.4	40.0	**320.6**
Greece	14.4	2.4	6.7	–	1.0	1.7	26.3	14.8	2.5	5.7	–	1.3	1.9	**26.3**
Hungary	6.5	7.5	2.2	3.5	0.1	0.6	20.5	7.0	8.0	2.2	3.6	0.1	0.7	**21.5**
Ireland	6.5	3.7	2.0	–	0.2	1.3	13.7	6.9	3.8	2.2	–	0.2	1.6	**14.6**
Italy	55.8	50.7	13.1	–	13.1	14.1	146.8	59.3	55.3	12.4	–	9.9	14.7	**151.7**
Kazakhstan	13.5	6.9	35.5	–	1.9	†	57.7	12.7	7.8	32.6	–	1.8	†	**54.8**
Lithuania	2.6	2.1	0.2	–	0.1	0.3	5.2	2.6	2.1	0.2	–	0.1	0.3	**5.3**
Netherlands	39.6	28.8	9.1	0.9	†	2.6	81.1	38.7	28.6	10.6	0.9	†	2.7	**81.6**
Norway	10.2	4.2	0.9	–	30.6	0.6	46.4	10.2	4.3	0.8	–	31.1	0.6	**47.1**
Poland	23.9	14.6	49.4	–	0.5	4.0	92.4	25.1	15.1	49.8	–	0.4	4.6	**95.0**
Portugal	11.1	3.7	2.7	–	3.5	3.6	24.6	11.4	3.9	3.3	–	2.0	3.5	**24.1**
Romania	9.0	9.5	5.8	2.6	4.2	1.5	32.5	9.1	9.3	6.1	2.6	3.7	2.2	**33.1**
Russian Federation	150.8	370.7	87.6	40.9	39.7	0.1	689.8	143.0	352.3	88.7	44.2	38.5	0.1	**666.8**
Slovakia	3.4	3.8	3.4	3.5	1.0	0.4	15.5	3.8	3.9	3.3	3.4	0.9	0.5	**15.8**
Spain	59.0	23.7	11.6	13.0	8.8	16.0	132.1	60.5	24.8	14.4	12.9	6.3	15.4	**134.4**
Sweden	14.5	0.8	2.1	14.8	14.5	5.0	51.7	14.1	0.8	2.1	12.9	16.9	6.2	**53.0**
Switzerland	10.6	2.4	0.1	6.3	8.5	0.6	28.4	10.7	2.6	0.2	5.3	8.5	0.7	**27.9**
Turkey	34.4	40.2	36.1	–	9.2	2.8	122.8	38.8	39.2	34.4	–	15.1	3.8	**131.3**
Turkmenistan	6.3	24.9	–	–	†	†	31.3	6.4	30.9	–	–	†	†	**37.3**
Ukraine	10.0	33.1	35.6	20.0	1.9	0.4	101.0	8.4	25.9	29.2	19.8	1.4	0.3	**85.1**
United Kingdom	69.9	60.0	29.9	14.4	1.3	13.3	188.9	71.6	61.4	23.4	15.9	1.4	17.4	**191.2**
Uzbekistan	2.8	43.9	1.2	–	2.3	†	50.3	2.8	45.3	1.1	–	2.5	†	**51.6**
Other Europe & Eurasia	32.8	13.4	22.0	2.0	21.7	2.2	94.1	33.1	13.7	23.4	1.9	21.5	2.3	**96.0**
Total Europe & Eurasia	858.6	905.8	481.0	266.2	196.7	124.1	2832.3	862.2	903.1	467.9	264.0	194.4	142.8	**2834.4**
Iran	93.1	162.0	1.2	1.0	3.4	0.1	260.8	88.9	172.1	1.2	0.8	4.1	0.1	**267.2**
Israel	10.3	6.8	6.9	–	†	0.2	24.2	11.0	7.6	6.7	–	†	0.3	**25.6**
Kuwait	22.7	16.8	–	–	–	†	39.5	23.6	17.5	–	–	–	†	**41.0**
Qatar	10.0	35.7	–	–	–	†	45.7	10.9	40.6	–	–	–	†	**51.5**
Saudi Arabia	160.1	92.1	0.1	–	–	†	252.4	168.1	95.8	0.1	–	–	†	**264.0**
United Arab Emirates	37.6	59.6	1.6	–	–	0.1	99.0	40.0	62.2	1.6	–	–	0.1	**103.9**
Other Middle East	83.2	42.2	0.8	–	1.4	†	127.6	83.3	45.4	0.8	–	1.8	0.1	**131.4**
Total Middle East	417.1	415.3	10.7	1.0	4.8	0.4	849.2	425.7	441.2	10.5	0.8	5.9	0.5	**884.7**
Algeria	18.2	33.7	0.2	–	†	†	52.2	19.3	35.1	0.2	–	†	†	**54.6**
Egypt	38.3	43.2	0.7	–	3.0	0.3	85.5	39.2	43.0	0.7	–	3.0	0.4	**86.2**
South Africa	29.3	4.5	90.1	3.3	0.2	0.6	128.0	31.1	4.5	85.0	2.4	0.2	1.0	**124.2**
Other Africa	91.4	34.1	11.4	–	23.8	1.8	162.6	93.5	39.2	11.0	–	23.8	2.4	**169.9**
Total Africa	177.2	115.6	102.4	3.3	27.0	2.7	428.2	183.0	121.9	96.9	2.4	27.0	3.8	**435.0**
Australia	45.4	32.4	44.7	–	3.3	4.1	129.9	46.2	30.9	46.6	–	3.1	4.5	**131.4**
Bangladesh	5.7	21.5	0.9	–	0.1	†	28.3	5.5	24.1	0.8	–	0.2	0.1	**30.7**
China	526.8	169.6	1949.3	30.0	242.8	51.9	2970.3	559.7	177.6	1920.4	38.6	254.9	62.7	**3014.0**
China Hong Kong SAR	16.7	2.3	8.1	–	–	†	27.1	18.3	2.9	6.7	–	–	†	**27.9**
India	180.8	45.6	388.7	7.8	29.6	13.6	666.2	195.5	45.5	407.2	8.6	28.1	15.5	**700.5**
Indonesia	76.0	36.8	69.8	–	3.4	2.3	188.3	73.5	35.8	80.3	–	3.6	2.4	**195.6**
Japan	197.3	106.2	118.7	–	20.0	11.6	453.9	189.6	102.1	119.4	1.0	21.9	14.5	**448.5**
Malaysia	35.0	36.7	15.4	–	3.1	0.2	90.3	36.2	35.8	17.6	–	3.3	0.2	**93.1**
New Zealand	7.2	4.4	1.5	–	5.5	2.3	20.8	7.5	4.1	1.4	–	5.6	2.4	**21.0**
Pakistan	22.8	37.7	4.7	1.1	7.4	0.2	73.9	25.2	39.0	4.7	1.1	7.8	0.4	**78.2**
Philippines	16.1	3.2	10.6	–	2.1	2.4	34.4	18.4	3.0	11.4	–	2.2	2.7	**37.7**
Singapore	65.9	9.8	0.4	–	–	0.2	76.3	69.5	10.2	0.4	–	–	0.2	**80.2**
South Korea	107.9	43.0	84.6	35.4	0.9	1.2	273.1	113.7	39.2	84.5	37.3	0.7	1.6	**276.9**
Taiwan	45.4	15.5	39.0	9.6	1.0	0.9	111.4	46.0	16.5	37.8	8.3	1.0	1.0	**110.7**
Thailand	54.9	47.4	17.9	–	1.2	2.1	123.4	56.6	47.6	17.6	–	0.9	2.3	**124.9**
Vietnam	18.0	9.2	19.3	–	13.6	†	60.1	19.5	9.6	22.2	–	14.4	0.1	**65.9**
Other Asia Pacific	20.4	6.5	18.8	–	13.0	0.2	58.9	20.6	7.1	19.3	–	14.1	0.3	**61.3**
Total Asia Pacific	1442.2	627.7	2792.5	83.9	346.9	93.4	5386.6	1501.4	631.0	2798.5	94.9	361.9	110.9	**5498.5**
Total World	**4251.6**	**3081.5**	**3911.2**	**575.5**	**884.3**	**316.6**	**13020.6**	**4331.3**	**3135.2**	**3839.9**	**583.1**	**892.9**	**364.9**	**13147.3**
of which: OECD	2033.8	1436.8	1043.2	450.2	317.3	217.9	5499.2	2056.4	1458.9	979.2	447.6	314.6	246.3	**5503.1**
Non–OECD	2217.7	1644.7	2867.9	125.3	567.0	98.7	7521.4	2274.9	1676.3	2860.7	135.5	578.3	118.5	**7644.2**
European Union	591.2	346.0	267.2	198.5	84.5	118.3	1605.7	600.2	361.9	262.4	194.1	76.4	136.0	**1630.9**
CIS	198.7	509.0	162.6	61.5	53.3	0.6	985.7	188.5	490.9	154.2	64.6	51.5	0.6	**950.4**

*In this review, primary energy comprises commercially-traded fuels, including modern renewables used to generate electricity.
†Less than 0.05.
Note: Oil consumption is measured in million tonnes; other fuels in million tonnes of oil equivalent.

World consumption

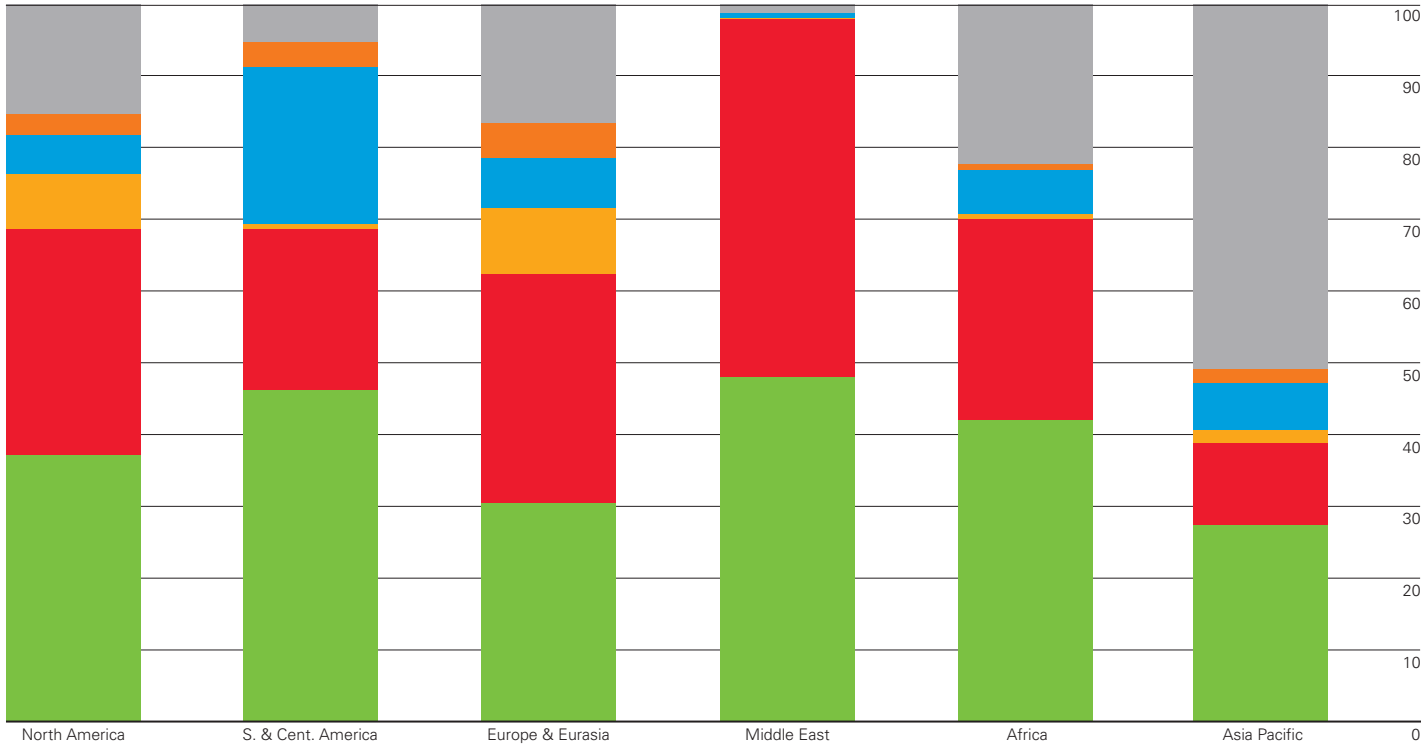
Million tonnes oil equivalent



World primary energy consumption grew by a below-average 1.0% in 2015, the slowest rate of growth since 1998 (other than the decline in the aftermath of the financial crisis). Growth was below average in all regions except Europe & Eurasia. All fuels except oil and nuclear power grew at below-average rates. Oil remains the world's dominant fuel and gained global market share for the first time since 1999, while coal's market share fell to the lowest level since 2005. Renewables in power generation accounted for a record 2.8% of global primary energy consumption.

Regional consumption by fuel 2015

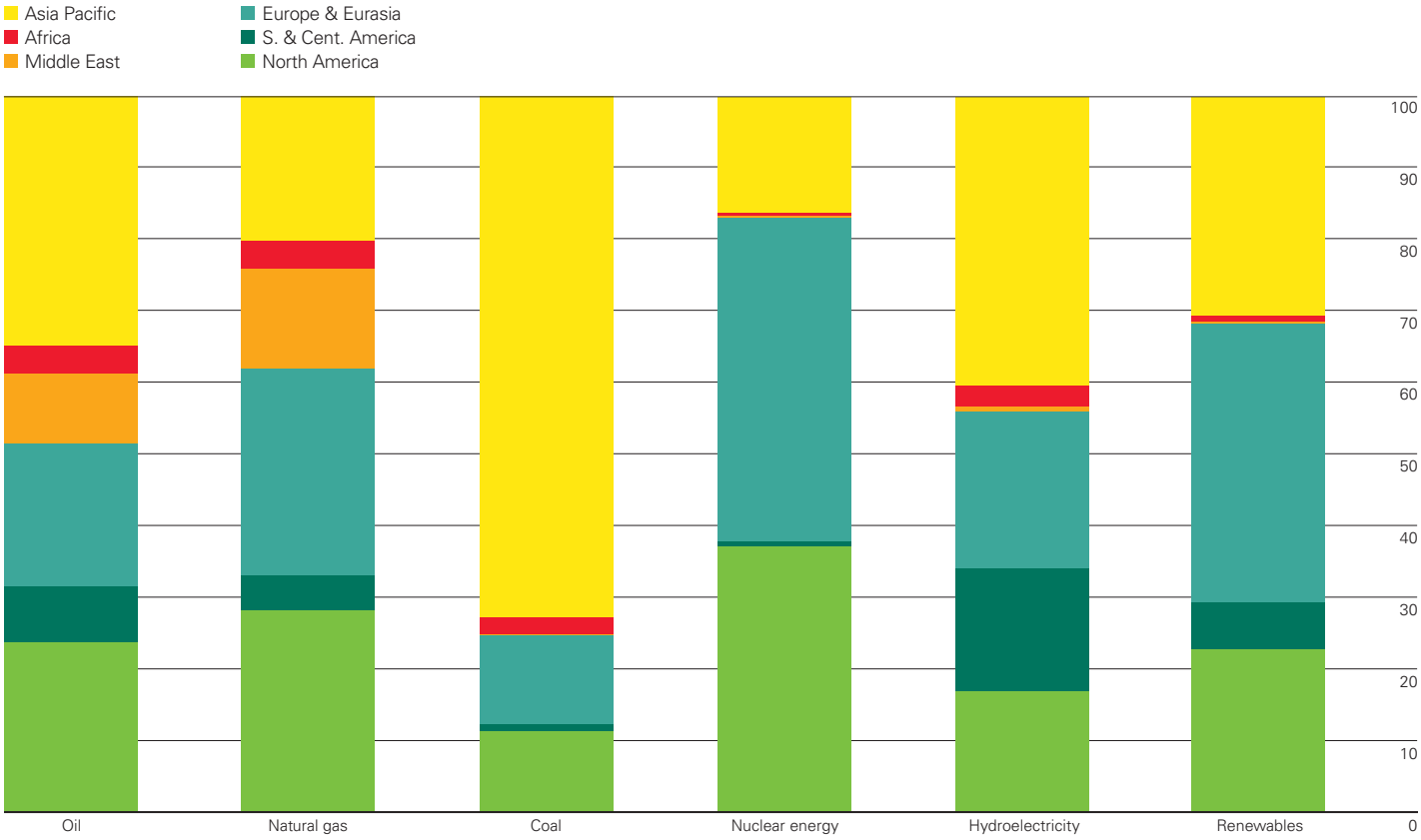
Percentage



Oil remains the dominant fuel in Africa and the Americas, while natural gas dominates in Europe & Eurasia and the Middle East. Coal is the dominant fuel in the Asia Pacific region, accounting for 51% of regional energy consumption – the highest share of any fuel for any region. Europe & Eurasia is the only region with no fuel reaching one-third of the total energy mix. The Middle East has the least diverse fuel mix, with oil and gas combined accounting for 98% of energy consumption.

Fuel consumption by region 2015

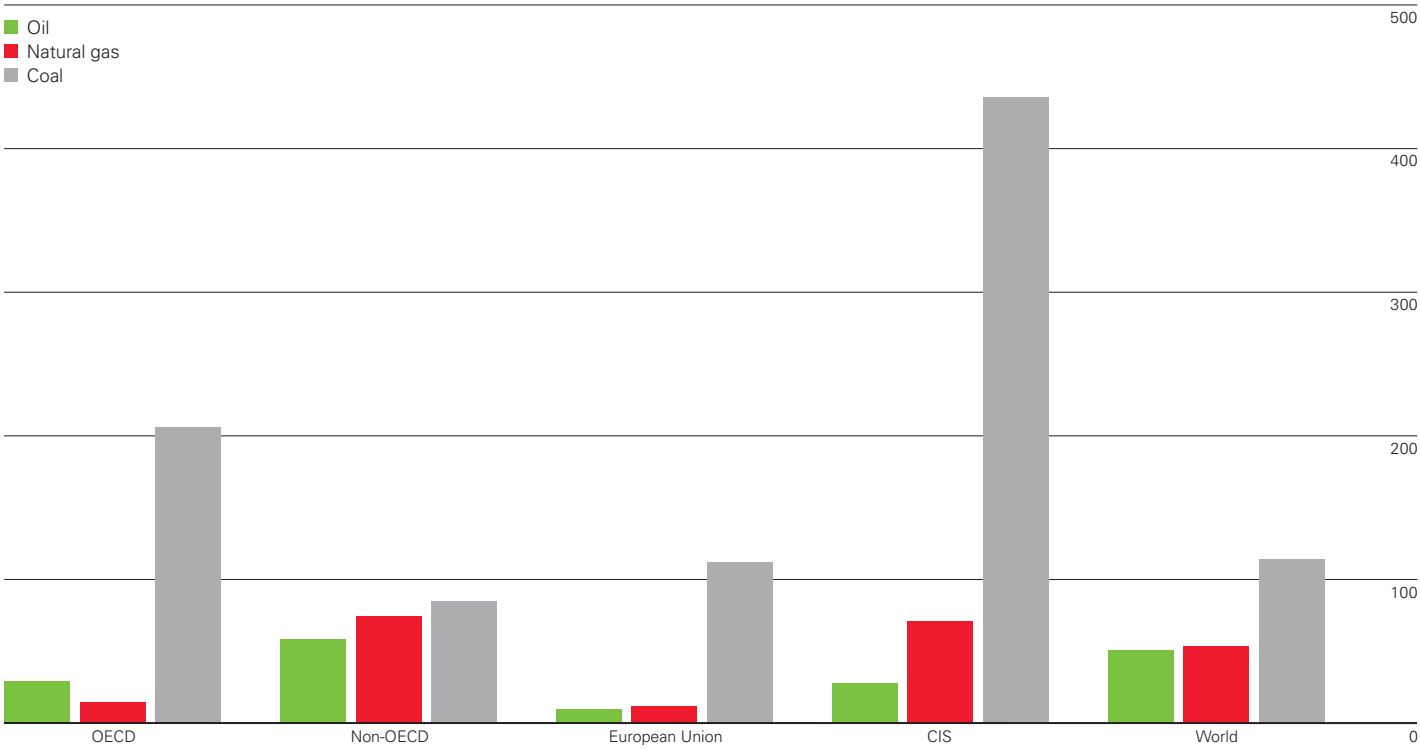
Percentage



Asia Pacific is the leading consumer of oil, coal, and hydroelectricity, while Europe & Eurasia is the leading consumer of natural gas, nuclear power, and renewables in power generation. Asia Pacific dominates global coal consumption, accounting for 72.9% of global consumption. Natural gas is the only fuel for which no region accounts for more than 30% of global consumption (with Europe & Eurasia accounting for 28.8% of global consumption).

Fossil fuel reserves-to-production (R/P) ratios at end 2015

Years



Coal remains – by far – the most abundant fossil fuel by R/P ratio; oil and natural gas reserves have increased over time, although both registered small declines in 2015. Non-OECD countries account for the majority of proved reserves for all fossil fuels. The Middle East holds the largest reserves for oil and natural gas, and the highest R/P ratio for natural gas; South & Central America holds the highest R/P ratio for oil. Europe & Eurasia holds the largest coal reserves and North America has 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	11.60	0.542	1.844
Gasoline	0.120	8.35	0.753	1.328
Kerosene	0.127	7.88	0.798	1.253
Gas oil/diesel	0.134	7.46	0.843	1.186
Residual fuel oil	0.157	6.35	0.991	1.010
Product basket	0.125	7.98	0.788	1.269

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

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

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 US territories), Canada, Mexico.

South & Central America
Caribbean (including Puerto Rico and US Virgin Islands), Central and South America.

Europe
European members of the OECD plus Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, The former Yugoslav Republic of Macedonia, Georgia, Gibraltar, Latvia, Lithuania, Malta, Montenegro, Romania and Serbia.

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

Europe & Eurasia
All countries listed above under the headings Europe and CIS.

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*, China Macau SAR*, Indonesia, Japan, Laos, 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, 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.

European Union members
Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, 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, 17, 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

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