BP Statistical Review of World Energy June 2013

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About this review

For 62 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.

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- Historical data from 1965 for many sections.
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- An energy charting tool, where you can view predetermined reports or chart specific data according to energy type, region and year.
- An oil, natural gas and LNG conversion calculator.
- PDF versions and PowerPoint slide packs of the charts, maps and graphs, plus an Excel workbook of the historical data.

About BP

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Appendices
For approximate conversion factors and definitions see page 44

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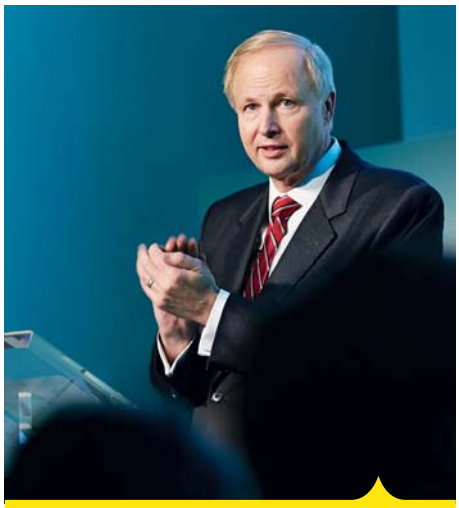
Disclaimer

The data series for proved oil and gas reserves in *BP Statistical Review of World Energy June 2013* does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance, under UK accounting rules contained in the Statement of Recommended Practice, 'Accounting for Oil and Gas Exploration, Development, Production and Decommissioning Activities' (UK SORP) or as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country. Rather, the data series has been compiled using a combination of primary official sources and third-party data.

Group chief executive's introduction



> 2012 highlighted the flexibility of the world's energy markets.
>
> **Bob Dudley**

Energy in 2012 – adapting to a changing world

Welcome to the 62nd edition of the *BP Statistical Review of World Energy*.

Over the years, this review has established itself in the energy world as a valuable work of reference, documenting the changing patterns in the way we produce and consume our energy.

It provides an annual opportunity to examine the latest data, country-by-country and fuel-by-fuel. This helps us discern the important trends and assess the challenges and the opportunities that lie before us. This edition of the review highlights the flexibility with which our global energy system adapts to rapid global change.

The year 2012 saw a slowdown in the growth of energy consumption globally, partly as a result of the economic slowdown but also because individuals and businesses have responded to high prices by becoming more efficient in their use of energy. At the same time, the review shows that the supply of energy is coming from an increasing diversity of sources as the world's energy market continues to adapt, innovate and evolve.

Brazil, China, the EU, India, Japan, Russia and the US all saw below-average growth in energy consumption. Indeed, consumption growth of all forms of fossil energy was below average.

On the supply side, the most noticeable phenomenon remains the American shale revolution. In 2012, the US recorded the largest oil and natural gas production increases in the world, and saw the largest gain in oil production in its history.

Elsewhere, for a second year, disruptions to oil supply in Africa and parts of the Middle East were offset by growth among OPEC producers. Libyan production recovered strongly after the sharp drop in output in 2011, and Saudi Arabia, the UAE, and Qatar all produced at record levels. However, despite these supply increases, oil prices reached another record high.

Coal remained the fastest-growing fossil fuel, with China consuming half of the world's coal for the first time – but it was also the fossil fuel that saw the weakest growth relative to its historical average.

While natural gas grew at a below-average rate, it was the only fossil fuel to see consumption growth accelerate in 2012. Cheaper natural gas competed strongly with coal in North America, displacing it as a power feedstock. Hydroelectric and renewable energy also competed strongly against coal globally; renewables in power generation grew by 15%. However in Europe, where gas was more expensive, coal was often the fuel of choice for power generation, while the LNG tankers that used to supply Europe turned towards Asia.

Global nuclear power output had the largest decline ever, with Japanese output falling by nearly 90% as the response to the tragedy at Fukushima continued to unfold. Fossil fuel imports rose to compensate.

In these and many other ways, 2012 highlighted the flexibility of the world's energy market and the innovative approaches that consumers and producers take in response to change.

Our mission as an industry is to find and produce the many forms of energy needed to meet growing demand, safely and sustainably. This review will continue to chart our progress in fulfilling that mission as well as helping to illuminate the options for our future direction.

It is a great source of information for people in government, industry, academia and elsewhere and I hope that you will find it useful.

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

Bob Dudley
Group Chief Executive
June 2013

2012 in review

On the back of slower economic growth, global energy consumption growth in 2012 slowed significantly.

Darling Harbour, Sydney, Australia (above right).

Once again, all of the net growth took place in emerging economies, with China and India alone accounting for nearly 90% of the net increase in global energy consumption. OECD consumption declined for the fourth time in the past five years, led by a large decline in the US. Despite the slowdown, consumption and production reached record levels for all fuels except nuclear power and biofuels. The data suggests that growth in global CO_2 emissions from energy use continued in 2012, but at a slower rate than in 2011.

Energy price developments were mixed. Brent, the international crude oil benchmark, saw annual average prices reach record levels (in money-of-the-day terms), although annual prices declined slightly on an inflation-adjusted basis. Crude oil prices peaked in March following a decline in Iranian exports, but eased thereafter in the face of rising output in the US, Libya, and other OPEC producers. Oil production growth in the US was the largest in the world in 2012, and the largest in the country's history. In response, the differential between Brent and West Texas Intermediate (WTI) reached another record premium, although the gap began to narrow later in the year as infrastructure bottlenecks in the US eased.

Natural gas prices rose in Europe and Asia, but fell in North America, where rising US natural gas output pushed gas prices to record discounts against both crude oil and international gas prices. Coal prices declined in all regions.

Energy developments

World primary energy consumption grew by 1.8% in 2012, well below the 10-year average of 2.6%. Consumption in OECD countries fell by 1.2%, led by a decline of 2.8% in the US (the world's largest decline in volumetric terms). Non-OECD consumption grew by 4.2%, below the 10-year average of 5.3%. Global consumption growth was below average for each fossil fuel and for nuclear power; regionally growth was below average everywhere except Africa. Oil remains the world's leading fuel, at 33.1% of global energy consumption, but it also continued to lose market share for the 13th consecutive year and its current market share is the lowest in our data set, which begins in 1965.

+1.8%

Growth in global primary energy consumption.

Oil

-1.3%

Decline in OECD oil consumption, the sixth decrease in the past seven years.

+1 million b/d

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

Dated Brent averaged $111.67 per barrel in 2012, an increase of $0.40 per barrel from the 2011 level. The loss of Iranian supplies was more than offset by growth in the US, the recovery in Libyan production, and increases in Saudi Arabia and elsewhere in OPEC.

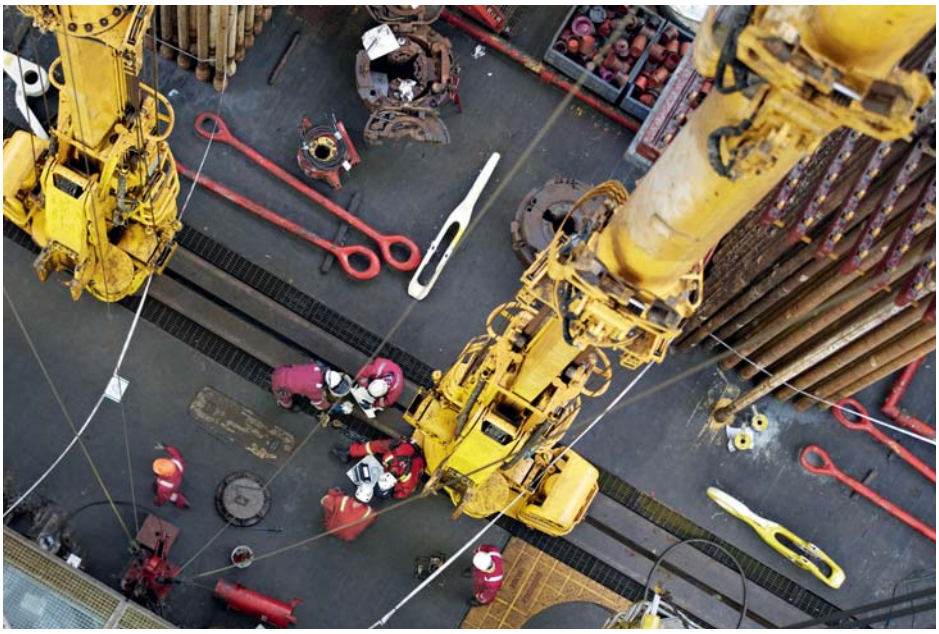
Global oil consumption grew by 890,000 barrels per day (b/d), or 0.9%, below the historical average. Oil had the weakest global growth rate among fossil fuels for the third consecutive year. OECD consumption declined by 1.3% (530,000 b/d), the sixth decrease in the past seven years; the OECD now accounts for just 50.2% of global consumption, the smallest share on record. Outside the OECD, consumption grew by 1.4 million b/d, or 3.3%. China again recorded the largest increment to global consumption (+470,000 b/d, +5%) although the growth rate was below the 10-year average. Japanese consumption grew by 250,000 b/d (+6.3%), the strongest growth increment since 1994. Light distillates were the fastest-growing refined product category by volume for the first time since 2009.

Global oil production, in contrast, increased by 1.9 million b/d, or 2.2%. OPEC accounted for about three-quarters of the global increase despite a decline in Iranian output (-680,000 b/d) due to international sanctions. Libyan output (+1 million b/d) nearly regained all of the ground lost in 2011. For a second consecutive year, output reached record levels in Saudi Arabia, the UAE and Qatar. Iraq and Kuwait also registered significant increases. Non-OPEC output grew by 490,000 b/d, with increases in the US (+1 million b/d), Canada, Russia and China offsetting unexpected outages in Sudan/South Sudan (-340,000 b/d) and Syria (-160,000 b/d), as well as declines in mature provinces such as the United Kingdom and Norway.

Global refinery crude runs increased by a below-average 480,000 b/d, or 0.6%. Non-OECD countries accounted for two-thirds of the net increase, rising by 320,000 b/d. OECD throughputs grew by 160,000 b/d, with continued throughput declines in Europe more than offset by throughput increases in North America, where the US consolidated its position as a net product exporter. Global refinery capacity utilization improved to 82.4%; global refining capacity increased by a modest 360,000 b/d overall, but large capacity additions East of Suez were largely offset by substantial capacity reductions in and around the Atlantic Basin.

Global oil trade in 2012 grew by 1.3%, or 0.7 million b/d. At 55.3 million b/d, trade accounted for 62% of global consumption, up from 57% a decade ago. The relatively small global increase hides large regional changes. US net imports fell by 930,000 b/d and are now 36% below their 2005 peak. Conversely, China's net oil imports grew by 610,000 b/d, 86% of the global increase. Growth in net exports from Canada and North Africa, together with reduced US oil import dependence, offset declining exports from several regions.

Discoverer Luanda drill ship, Angola (right).



Natural gas

-0.9%

The first decline on record for global LNG trade.

23.9%

Natural gas's share of global primary energy consumption.

World natural gas consumption grew by 2.2%, below the historical average of 2.7%. Consumption growth was above average in South & Central America, Africa, and North America, where the US (+4.1%) recorded the largest increment in the world. In Asia, China (+9.9%) and Japan (+10.3%) were responsible for the next-largest growth increments. These increases were partly offset by declines in the EU (-2.3%) and the Former Soviet Union (FSU) (-2.6%). Globally, natural gas accounted for 23.9% of primary energy consumption. OECD consumption grew more rapidly than non-OECD consumption for the first time since 2000.

Global natural gas production grew by 1.9%. The US (+4.7%) once again recorded the largest volumetric increase and remained the world's largest producer. Norway (+12.6%), Qatar (+7.8%), and Saudi Arabia (+11.1%) also saw significant production increases, while Russia (-2.7%) had the world's largest decline in volumetric terms.

Global natural gas trade was very weak, growing by just 0.1% in 2012. Pipeline shipments grew by 0.5%, with declines in net Russian exports (-12%) partly offset by growth in Norwegian exports (+12%). US net pipeline imports dropped by 18.8%. Global LNG trade fell for the first time on record (-0.9%): a decline in net European LNG imports (-28.2%) was offset by net increases in Asia (+22.8%). Among exporters, an increase in Qatari (+4.7%) shipments was nearly offset by a decline in Indonesia (-14.7%). LNG's share of global gas trade declined slightly to 31.7%.

Rowan EXL II drill rig, offshore Trinidad (above).

Other fuels

50.2%
China's share of global coal consumption.

-89%
Decline in Japanese nuclear output.

4.7%
Share of global power generation met by renewables.

Coal consumption grew by 2.5% in 2012, well below the 10-year average of 4.4% but still the fastest-growing fossil fuel. Consumption outside the OECD rose by a below-average 5.4%; Chinese consumption growth was a below-average 6.1%, but China still accounted for all of the net growth in global coal consumption, and China accounted for more than half of global coal consumption for the first time. OECD consumption declined by 4.2% with losses in the US (-11.9%) offsetting increases in Europe and Japan. Global coal production grew by 2%, with growth in China (+3.5%) and Indonesia (+9%) offsetting a decline in the US (-7.5%). Coal reached the highest share of global primary energy consumption (29.9%) since 1970.

Global nuclear output fell by 6.9%, the largest decline on record for a second consecutive year; Japanese output fell by 89%, accounting for 82% of the global decline. Nuclear output accounted for 4.5% of global energy consumption, the smallest share since 1984. Global hydroelectric output grew by an above-average 4.3%, with China accounting for all of the net increase. Hydroelectric output reached 6.7% of global energy consumption, the highest share on record.

Renewable energy sources saw mixed results in 2012. Global biofuels production recorded the first decline since 2000 (-0.4%, or -0.1 mtoe), due to a decline in the US (-4.3% or -1.2 mtoe). In contrast, renewable energy used in power generation grew by 15.2%, slower year-on-year growth for the first time since 2008 but still slightly above the historical average. Wind energy (+18.1%), accounted for more than half of renewable power generation growth, with China (+34.6%) accounting for the largest increment in wind generation. Solar power generation grew even more rapidly (+58%), but from a smaller base. Renewable forms of energy accounted for 2.4% of global energy consumption, up from 0.8% in 2002; renewables in power generation accounted for a record 4.7% of global power generation.

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

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

In detail
Additional information is available at *bp.com/statisticalreview*

Proved reserves

	At end 1992 Thousand million barrels	At end 2002 Thousand million barrels	At end 2011 Thousand million barrels	At end 2012 Thousand million tonnes	At end 2012 Thousand million barrels	At end 2012 Share of total	At end 2012 R/P ratio
US	31.2	30.7	35.0	**4.2**	**35.0**	2.1%	10.7
Canada	39.6	180.4	174.6	**28.0**	**173.9**	10.4%	*
Mexico	51.2	17.2	11.4	**1.6**	**11.4**	0.7%	10.7
Total North America	122.1	228.3	221.0	**33.8**	**220.2**	13.2%	38.7
Argentina	2.0	2.8	2.5	**0.3**	**2.5**	0.1%	10.2
Brazil	5.0	9.8	15.0	**2.2**	**15.3**	0.9%	19.5
Colombia	3.2	1.6	2.0	**0.3**	**2.2**	0.1%	6.4
Ecuador	3.2	5.1	7.2	**1.2**	**8.2**	0.5%	44.6
Peru	0.8	1.0	1.2	**0.2**	**1.2**	0.1%	31.5
Trinidad & Tobago	0.5	1.1	0.8	**0.1**	**0.8**	◆	18.8
Venezuela	63.3	77.3	297.6	**46.5**	**297.6**	17.8%	*
Other S. & Cent. America	0.6	1.6	0.5	**0.1**	**0.5**	◆	9.7
Total S. & Cent. America	78.8	100.3	326.9	**50.9**	**328.4**	19.7%	*
Azerbaijan	n/a	7.0	7.0	**1.0**	**7.0**	0.4%	21.9
Denmark	0.7	1.3	0.8	**0.1**	**0.7**	◆	9.7
Italy	0.6	0.8	1.4	**0.2**	**1.4**	0.1%	33.7
Kazakhstan	n/a	5.4	30.0	**3.9**	**30.0**	1.8%	47.4
Norway	9.7	10.4	6.9	**0.9**	**7.5**	0.4%	10.7
Romania	1.2	0.5	0.6	**0.1**	**0.6**	◆	19.1
Russian Federation	n/a	76.1	87.1	**11.9**	**87.2**	5.2%	22.4
Turkmenistan	n/a	0.5	0.6	**0.1**	**0.6**	◆	7.4
United Kingdom	4.6	4.5	3.1	**0.4**	**3.1**	0.2%	8.8
Uzbekistan	n/a	0.6	0.6	**0.1**	**0.6**	◆	24.0
Other Europe & Eurasia	61.3	2.2	2.2	**0.3**	**2.1**	0.1%	14.8
Total Europe & Eurasia	78.3	109.3	140.3	**19.0**	**140.8**	8.4%	22.4
Iran	92.9	130.7	154.6	**21.6**	**157.0**	9.4%	*
Iraq	100.0	115.0	143.1	**20.2**	**150.0**	9.0%	*
Kuwait	96.5	96.5	101.5	**14.0**	**101.5**	6.1%	88.7
Oman	4.7	5.7	5.5	**0.7**	**5.5**	0.3%	16.3
Qatar	3.1	27.6	23.9	**2.5**	**23.9**	1.4%	33.2
Saudi Arabia	261.2	262.8	265.4	**36.5**	**265.9**	15.9%	63.0
Syria	3.0	2.3	2.5	**0.3**	**2.5**	0.1%	41.7
United Arab Emirates	98.1	97.8	97.8	**13.0**	**97.8**	5.9%	79.1
Yemen	2.0	2.9	3.0	**0.4**	**3.0**	0.2%	45.4
Other Middle East	0.1	0.1	0.7	**0.1**	**0.6**	◆	8.4
Total Middle East	661.6	741.3	797.9	**109.3**	**807.7**	48.4%	78.1
Algeria	9.2	11.3	12.2	**1.5**	**12.2**	0.7%	20.0
Angola	1.3	8.9	10.5	**1.7**	**12.7**	0.8%	19.4
Chad	–	0.9	1.5	**0.2**	**1.5**	0.1%	40.7
Republic of Congo (Brazzaville)	0.7	1.5	1.6	**0.2**	**1.6**	0.1%	14.8
Egypt	3.4	3.5	4.3	**0.6**	**4.3**	0.3%	16.1
Equatorial Guinea	0.3	1.1	1.7	**0.2**	**1.7**	0.1%	16.5
Gabon	0.8	2.4	2.0	**0.3**	**2.0**	0.1%	22.3
Libya	22.8	36.0	48.0	**6.3**	**48.0**	2.9%	86.9
Nigeria	21.0	34.3	37.2	**5.0**	**37.2**	2.2%	42.1
South Sudan	–	–	–	**0.5**	**3.5**	0.2%	*
Sudan	0.3	0.6	5.0	**0.2**	**1.5**	0.1%	50.0
Tunisia	0.5	0.5	0.4	**0.1**	**0.4**	◆	17.9
Other Africa	0.8	0.6	2.2	**0.5**	**3.7**	0.2%	43.0
Total Africa	61.1	101.6	126.6	**17.3**	**130.3**	7.8%	37.7
Australia	3.2	4.6	3.9	**0.4**	**3.9**	0.2%	23.4
Brunei	1.1	1.1	1.1	**0.1**	**1.1**	0.1%	19.0
China	15.2	15.5	17.3	**2.4**	**17.3**	1.0%	11.4
India	5.9	5.6	5.7	**0.8**	**5.7**	0.3%	17.5
Indonesia	5.6	4.7	3.7	**0.5**	**3.7**	0.2%	11.1
Malaysia	5.1	4.5	3.7	**0.5**	**3.7**	0.2%	15.6
Thailand	0.2	0.7	0.4	**0.1**	**0.4**	◆	2.7
Vietnam	0.3	2.8	4.4	**0.6**	**4.4**	0.3%	34.5
Other Asia Pacific	0.9	1.1	1.1	**0.1**	**1.1**	0.1%	10.5
Total Asia Pacific	37.5	40.6	41.4	**5.5**	**41.5**	2.5%	13.6
Total World	**1039.3**	**1321.5**	**1654.1**	**235.8**	**1668.9**	**100.0%**	**52.9**
of which: OECD	142.7	251.2	238.5	**36.0**	**238.3**	14.3%	33.4
Non-OECD	896.6	1070.3	1415.6	**199.7**	**1430.7**	85.7%	58.6
OPEC	772.7	903.3	1199.0	**169.9**	**1211.9**	72.6%	88.5
Non-OPEC‡	207.1	327.9	329.4	**48.8**	**331.0**	19.8%	25.8
European Union#	8.3	8.0	6.9	**0.9**	**6.8**	0.4%	12.1
Former Soviet Union	59.6	90.3	125.8	**17.1**	**126.0**	7.5%	25.2
Canadian oil sands: Total	32.4	174.4	168.6	**27.3**	**167.8**		
of which: Under active development	3.0	11.6	25.5	**4.2**	**25.9**		
Venezuela: Orinoco Belt	–	–	220.0	**35.3**	**220.0**		

*More than 100 years.
◆Less than 0.05%.
‡Excludes Former Soviet Union.
#Excludes Estonia, Latvia and Lithuania in 1992.

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

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

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

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

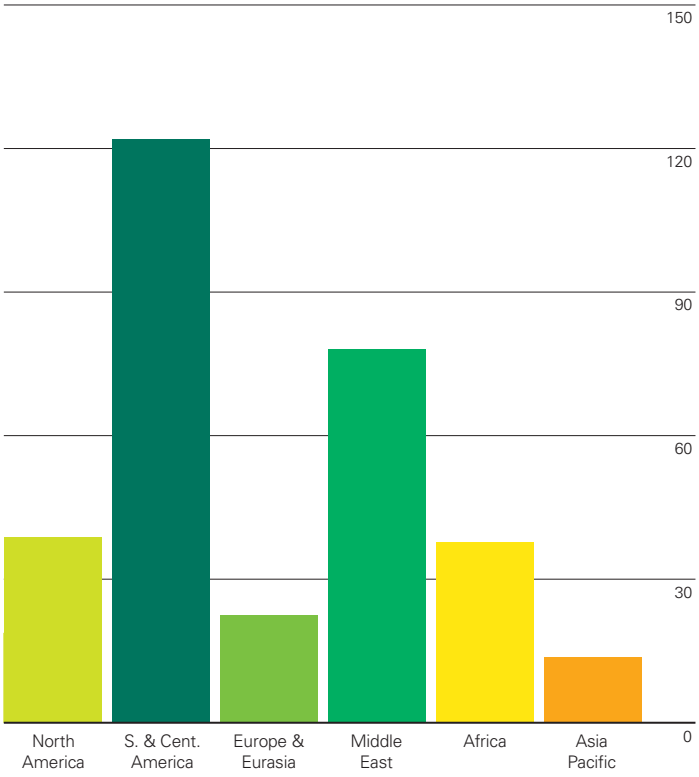
Reserves include gas condensate and natural gas liquids (NGLs) as well as crude oil.

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

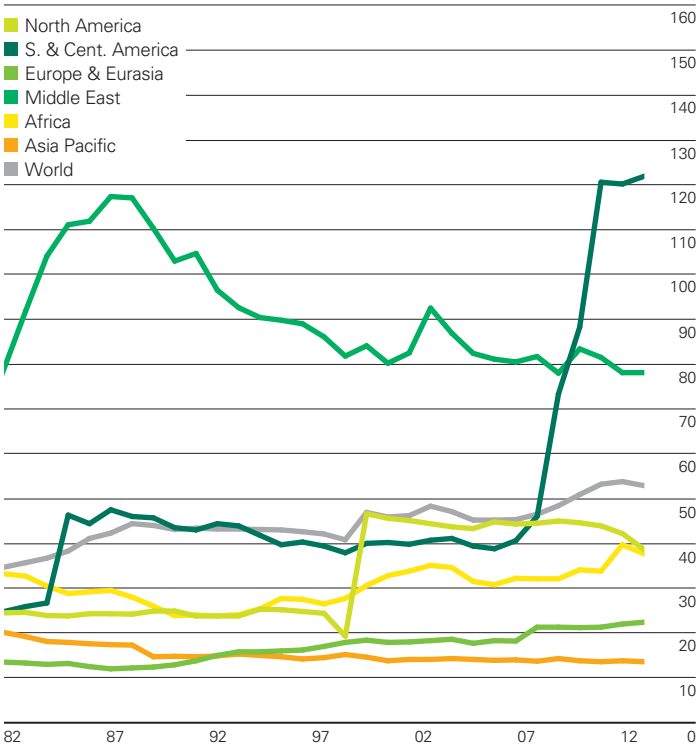
Reserves-to-production (R/P) ratios

Years

2012 by region



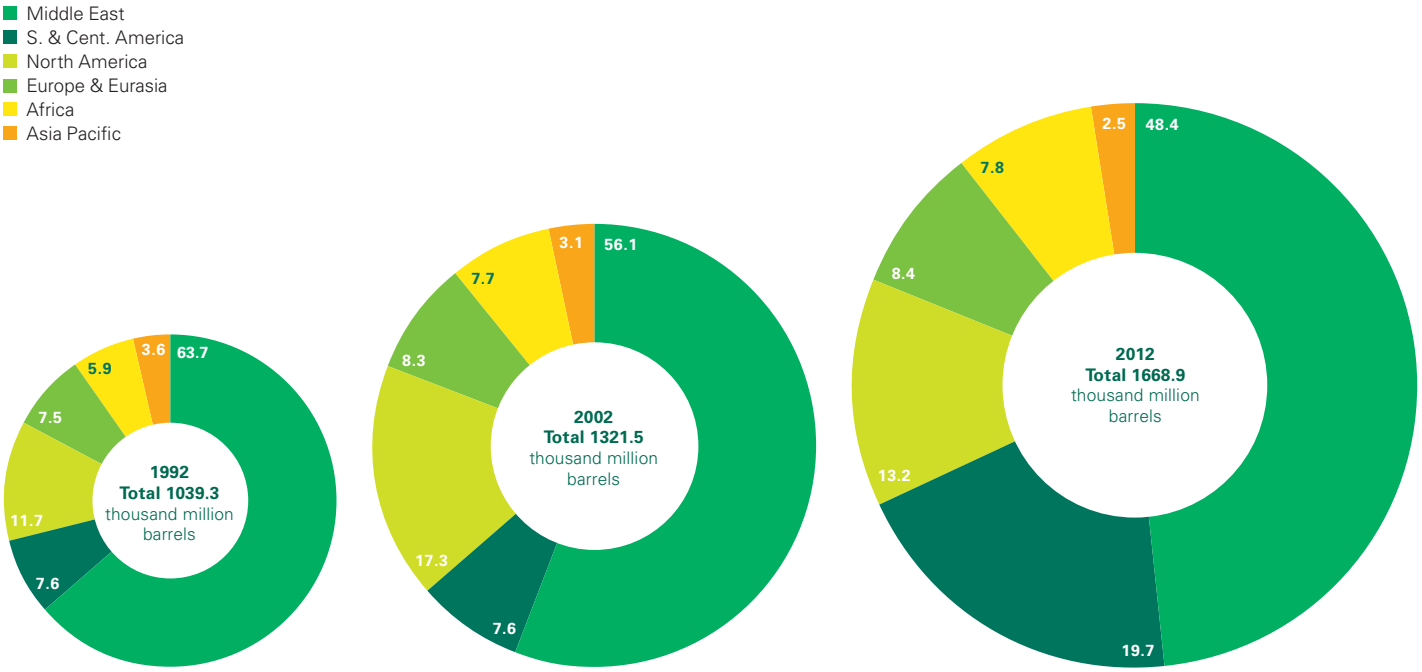
History



World proved oil reserves at the end of 2012 reached 1668.9 billion barrels, sufficient to meet 52.9 years of global production. An increase in official Iraqi reserves was the single largest addition, adding 6.9 billion barrels. OPEC members continue to dominate, holding 72.6% of the global total. South & Central America continues to hold the highest R/P ratio. Global proved reserves have increased by 26%, or nearly 350 billion barrels, over the past decade.

Distribution of proved reserves in 1992, 2002 and 2012

Percentage



Production*

Thousand barrels daily	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	7626	7362	7244	6903	6828	6862	6783	7263	7552	7868	**8905**	13.9%	9.6%
Canada	2858	3003	3080	3041	3208	3290	3207	3202	3332	3526	**3741**	6.8%	4.4%
Mexico	3593	3795	3830	3766	3689	3479	3165	2978	2959	2940	**2911**	-0.7%	3.5%
Total North America	14077	14160	14154	13709	13725	13631	13156	13444	13843	14335	**15557**	8.9%	17.5%
Argentina	899	900	868	839	838	813	772	743	722	687	**664**	-3.8%	0.8%
Brazil	1497	1548	1537	1699	1804	1833	1895	2024	2137	2193	**2149**	-2.0%	2.7%
Colombia	578	541	528	526	529	531	588	671	786	915	**944**	3.2%	1.2%
Ecuador	394	420	528	534	538	513	507	488	488	501	**505**	0.8%	0.7%
Peru	95	89	86	92	97	96	99	107	113	110	**107**	-3.0%	0.1%
Trinidad & Tobago	161	175	165	181	193	166	174	153	148	140	**121**	-13.7%	0.1%
Venezuela	2974	2868	3305	3308	3336	3230	3222	3033	2838	2766	**2725**	-1.5%	3.4%
Other S. & Cent. America	149	149	144	146	140	142	138	134	134	137	**145**	4.5%	0.2%
Total S. & Cent. America	6747	6691	7161	7325	7474	7324	7395	7353	7367	7449	**7359**	-1.2%	9.2%
Azerbaijan	307	308	309	445	646	856	895	1014	1023	919	**872**	-5.2%	1.1%
Denmark	371	368	390	377	342	311	287	265	249	225	**207**	-8.0%	0.2%
Italy	115	116	113	127	120	122	108	95	106	110	**112**	1.4%	0.1%
Kazakhstan	1021	1111	1283	1330	1403	1453	1526	1664	1740	1758	**1728**	-1.6%	2.0%
Norway	3333	3264	3180	2961	2772	2551	2466	2351	2137	2040	**1916**	-7.0%	2.1%
Romania	128	124	120	114	105	100	99	94	90	89	**86**	-2.8%	0.1%
Russian Federation	7755	8602	9335	9598	9818	10044	9950	10139	10365	10510	**10643**	1.2%	12.8%
Turkmenistan	183	203	194	193	187	199	208	211	217	217	**222**	2.5%	0.3%
United Kingdom	2495	2288	2056	1838	1662	1663	1568	1480	1357	1114	**967**	-13.4%	1.1%
Uzbekistan	153	151	138	115	114	104	102	95	78	77	**68**	-12.0%	0.1%
Other Europe & Eurasia	487	495	482	454	445	442	420	409	394	394	**390**	-0.7%	0.5%
Total Europe & Eurasia	16346	17029	17600	17551	17615	17843	17630	17817	17755	17451	**17211**	-1.4%	20.3%
Iran	3580	4002	4201	4184	4260	4303	4396	4249	4356	4358	**3680**	-16.2%	4.2%
Iraq	2116	1344	2030	1833	1999	2143	2428	2452	2490	2801	**3115**	11.2%	3.7%
Kuwait	2032	2370	2523	2668	2737	2663	2786	2511	2536	2880	**3127**	8.9%	3.7%
Oman	900	822	783	777	740	713	759	815	867	891	**922**	3.5%	1.1%
Qatar	803	949	1082	1149	1241	1279	1449	1416	1676	1836	**1966**	6.3%	2.0%
Saudi Arabia	8907	10141	10458	10931	10671	10268	10663	9663	10075	11144	**11530**	3.7%	13.3%
Syria	677	652	487	448	421	404	406	401	385	327	**164**	-49.9%	0.2%
United Arab Emirates	2439	2722	2836	2922	3099	3001	3026	2723	2895	3319	**3380**	1.6%	3.7%
Yemen	457	451	424	421	387	341	315	306	291	228	**180**	-21.4%	0.2%
Other Middle East	48	48	48	185	182	190	188	192	192	203	**206**	1.3%	0.2%
Total Middle East	21960	23501	24873	25518	25736	25304	26415	24728	25763	27988	**28270**	0.9%	32.5%
Algeria	1653	1826	1921	1990	1979	1992	1969	1774	1698	1684	**1667**	-0.9%	1.8%
Angola	905	870	1103	1404	1421	1684	1901	1804	1863	1726	**1784**	3.4%	2.1%
Chad	–	24	168	173	153	144	127	118	122	114	**101**	-11.3%	0.1%
Republic of Congo (Brazzaville)	227	208	217	239	271	221	235	269	294	293	**296**	0.8%	0.4%
Egypt	751	750	701	672	704	698	715	730	725	727	**728**	0.1%	0.9%
Equatorial Guinea	230	266	351	358	342	350	347	307	274	252	**283**	13.4%	0.3%
Gabon	256	274	273	270	242	246	240	241	255	254	**245**	-3.5%	0.3%
Libya	1375	1485	1623	1745	1816	1820	1820	1652	1659	479	**1509**	215.1%	1.7%
Nigeria	2087	2233	2430	2502	2392	2265	2113	2211	2523	2460	**2417**	-1.9%	2.8%
South Sudan	–	–	–	–	–	–	–	–	–	–	**31**	–	◆
Sudan	241	265	301	305	331	468	480	475	465	453	**82**	-81.9%	0.1%
Tunisia	74	68	71	73	70	97	89	83	80	68	**65**	-4.7%	0.1%
Other Africa	136	141	165	172	224	193	190	183	167	232	**234**	1.0%	0.3%
Total Africa	7937	8408	9322	9902	9945	10179	10226	9848	10123	8742	**9442**	7.7%	10.9%
Australia	737	624	542	553	534	551	556	559	576	496	**458**	-8.6%	0.5%
Brunei	210	214	210	206	221	194	175	168	172	165	**158**	-4.3%	0.2%
China	3351	3406	3486	3642	3711	3742	3814	3805	4077	4074	**4155**	2.0%	5.0%
India	800	802	816	785	809	809	809	796	873	903	**894**	-0.9%	1.0%
Indonesia	1289	1176	1130	1096	1018	972	1006	994	1003	952	**918**	-3.9%	1.1%
Malaysia	740	760	776	757	713	742	741	701	703	640	**657**	2.6%	0.7%
Thailand	210	244	241	297	325	341	362	376	388	397	**440**	9.1%	0.4%
Vietnam	356	361	424	389	355	334	311	342	312	317	**348**	9.8%	0.4%
Other Asia Pacific	190	192	233	284	303	318	338	330	315	301	**285**	-4.9%	0.3%
Total Asia Pacific	7882	7779	7858	8008	7988	8003	8111	8071	8420	8246	**8313**	0.7%	9.6%
Total World	**74948**	**77568**	**80968**	**82014**	**82482**	**82285**	**82932**	**81261**	**83272**	**84210**	**86152**	**2.2%**	**100.0%**
of which: OECD	21480	21165	20766	19870	19452	19147	18461	18496	18560	18607	**19495**	4.9%	21.9%
Non-OECD	53469	56402	60203	62144	63030	63138	64471	62765	64712	65603	**66657**	1.5%	78.1%
OPEC	29266	31231	34040	35170	35489	35161	36279	33977	35097	35954	**37405**	3.9%	43.2%
Non-OPEC‡	36118	35808	35515	35010	34676	34321	33830	34015	34617	34648	**35088**	1.2%	40.5%
European Union	3365	3153	2924	2680	2442	2409	2258	2111	1966	1707	**1538**	-9.9%	1.8%
Former Soviet Union	9565	10530	11414	11835	12318	12803	12824	13269	13558	13609	**13659**	0.4%	16.3%

*Includes crude oil, shale oil, oil sands and NGLs (the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as biomass and coal derivatives.
◆Less than 0.05%.
‡Excludes Former Soviet Union.
Notes: Annual changes and shares of total are calculated using million tonnes per annum figures.
Growth rates are adjusted for leap years.

Consumption*

Thousand barrels daily	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
US	19761	20033	20732	20802	20687	20680	19490	18769	19134	18949	**18555**	-2.3%	19.8%
Canada	2172	2228	2309	2288	2295	2361	2315	2195	2316	2404	**2412**	-0.9%	2.5%
Mexico	1864	1909	1983	2030	2019	2067	2054	1995	2014	2043	**2074**	2.3%	2.2%
Total North America	23797	24170	25023	25119	25002	25109	23860	22959	23464	23397	**23040**	-1.8%	24.6%
Argentina	394	405	425	449	471	523	534	522	557	598	**612**	2.3%	0.7%
Brazil	2031	1973	2050	2097	2134	2286	2439	2467	2676	2740	**2805**	2.5%	3.0%
Chile	225	228	244	250	278	358	372	367	329	367	**376**	1.9%	0.4%
Colombia	221	222	225	230	235	234	234	241	257	271	**274**	1.0%	0.3%
Ecuador	146	151	155	169	180	183	188	191	220	226	**234**	3.6%	0.3%
Peru	146	139	152	152	147	153	172	176	187	203	**212**	3.2%	0.2%
Trinidad & Tobago	25	24	25	26	29	34	37	35	39	33	**33**	0.2%	◆
Venezuela	660	535	582	623	658	662	746	755	766	764	**781**	2.5%	0.9%
Other S. & Cent. America	1156	1184	1200	1189	1202	1219	1171	1167	1192	1203	**1205**	0.2%	1.4%
Total S. & Cent. America	5004	4860	5059	5185	5332	5651	5892	5921	6222	6405	**6533**	2.0%	7.3%
Austria	270	292	283	287	291	276	274	264	276	259	**257**	-1.2%	0.3%
Azerbaijan	73	84	88	106	96	91	74	73	71	89	**93**	5.4%	0.1%
Belarus	142	141	144	145	162	150	168	188	146	180	**182**	1.1%	0.2%
Belgium	650	688	680	679	671	676	747	650	672	662	**636**	-5.4%	0.7%
Bulgaria	88	95	92	102	105	103	102	92	82	80	**80**	0.1%	0.1%
Czech Republic	172	184	202	210	207	205	209	204	194	193	**194**	0.2%	0.2%
Denmark	197	189	185	196	198	200	196	178	176	169	**160**	-6.3%	0.2%
Finland	222	235	221	229	222	223	222	209	219	204	**190**	-6.2%	0.2%
France	1953	1952	1963	1946	1942	1911	1889	1822	1763	1742	**1687**	-3.6%	2.0%
Germany	2697	2648	2619	2592	2609	2380	2502	2409	2445	2369	**2358**	-0.7%	2.7%
Greece	406	396	426	424	442	435	425	405	368	347	**313**	-9.5%	0.4%
Hungary	139	131	136	158	168	168	164	154	146	140	**129**	-7.7%	0.1%
Republic of Ireland	179	175	181	191	191	195	187	166	158	141	**130**	-7.7%	0.2%
Italy	1915	1900	1850	1798	1791	1740	1661	1563	1532	1475	**1345**	-9.2%	1.6%
Kazakhstan	169	183	196	204	210	233	229	188	196	242	**265**	10.2%	0.3%
Lithuania	51	50	53	57	58	58	63	54	55	53	**53**	-1.2%	0.1%
Netherlands	934	946	983	1039	1047	1065	991	971	977	971	**933**	-4.5%	1.1%
Norway	216	232	221	224	229	237	228	236	235	240	**247**	1.3%	0.3%
Poland	430	441	469	487	512	531	549	549	576	574	**542**	-5.8%	0.6%
Portugal	332	311	315	324	294	296	278	263	259	240	**226**	-6.2%	0.3%
Romania	220	194	224	218	214	218	216	195	184	191	**182**	-3.6%	0.2%
Russian Federation	2559	2679	2660	2679	2761	2777	2862	2772	2892	3089	**3174**	2.5%	3.6%
Slovakia	75	70	67	80	72	76	82	79	82	81	**73**	-9.3%	0.1%
Spain	1493	1539	1575	1594	1592	1613	1557	1473	1394	1377	**1278**	-7.2%	1.5%
Sweden	346	352	339	339	344	342	332	307	321	305	**295**	-4.8%	0.3%
Switzerland	264	257	255	260	266	241	256	260	242	235	**238**	1.6%	0.3%
Turkey	643	641	655	662	696	716	681	683	694	673	**685**	2.3%	0.8%
Turkmenistan	81	91	88	90	85	95	104	96	93	97	**100**	3.3%	0.1%
Ukraine	282	295	310	296	308	338	322	287	281	277	**282**	1.9%	0.3%
United Kingdom	1700	1723	1766	1806	1788	1716	1683	1610	1588	1532	**1468**	-4.0%	1.7%
Uzbekistan	131	162	149	100	101	93	91	88	75	80	**82**	2.1%	0.1%
Other Europe & Eurasia	535	567	601	624	640	663	673	663	665	668	**668**	-0.3%	0.8%
Total Europe & Eurasia	19563	19842	19998	20142	20311	20062	20017	19149	19057	18974	**18543**	-2.5%	21.3%
Iran	1486	1581	1639	1705	1826	1868	1962	1996	1936	1878	**1971**	4.3%	2.2%
Israel	260	267	251	257	251	264	259	244	236	249	**289**	17.8%	0.3%
Kuwait	285	334	374	411	378	383	405	453	489	466	**476**	2.5%	0.5%
Qatar	84	95	106	121	134	150	171	173	212	235	**250**	2.5%	0.2%
Saudi Arabia	1668	1780	1913	2013	2084	2203	2378	2592	2790	2835	**2935**	3.9%	3.1%
United Arab Emirates	412	453	484	493	527	565	586	576	631	699	**720**	2.2%	0.8%
Other Middle East	1257	1176	1258	1335	1248	1263	1425	1492	1567	1629	**1714**	5.3%	2.0%
Total Middle East	5452	5686	6026	6335	6449	6696	7185	7526	7861	7992	**8354**	4.5%	9.1%
Algeria	221	230	239	250	258	286	309	327	327	345	**367**	6.9%	0.4%
Egypt	524	540	556	617	602	642	687	726	766	718	**744**	4.4%	0.9%
South Africa	480	497	513	514	528	549	528	517	547	547	**561**	2.6%	0.7%
Other Africa	1342	1380	1459	1531	1532	1590	1694	1734	1822	1749	**1850**	5.8%	2.1%
Total Africa	2568	2646	2767	2911	2920	3068	3218	3302	3463	3359	**3523**	5.1%	4.0%
Australia	844	854	863	896	929	936	949	943	962	1007	**1019**	0.9%	1.1%
Bangladesh	80	83	86	89	89	86	84	78	86	108	**114**	6.3%	0.1%
China	5262	5771	6738	6944	7439	7823	7947	8229	9272	9750	**10221**	5.0%	11.7%
China Hong Kong SAR	267	269	313	285	305	324	293	334	362	364	**360**	-1.2%	0.4%
India	2413	2485	2556	2606	2737	2941	3077	3237	3319	3488	**3652**	5.0%	4.2%
Indonesia	1184	1210	1278	1263	1234	1271	1263	1316	1426	1549	**1565**	0.4%	1.7%
Japan	5357	5461	5308	5391	5210	5053	4882	4429	4473	4465	**4714**	6.3%	5.3%
Malaysia	561	561	585	580	615	672	661	662	672	682	**697**	2.1%	0.7%
New Zealand	139	145	150	151	153	154	154	148	150	149	**149**	-0.1%	0.2%
Pakistan	356	319	324	311	354	387	388	414	411	417	**402**	-4.2%	0.5%
Philippines	330	329	336	314	284	301	266	283	286	279	**282**	0.7%	0.3%
Singapore	739	689	763	830	884	963	1015	1083	1193	1246	**1255**	0.4%	1.6%
South Korea	2320	2340	2294	2312	2320	2399	2308	2339	2370	2394	**2458**	2.5%	2.6%
Taiwan	957	998	1043	1053	1043	1096	992	987	1028	951	**939**	-1.8%	1.0%
Thailand	798	863	930	959	973	984	994	1071	1076	1171	**1212**	3.6%	1.3%
Vietnam	205	220	263	258	254	283	300	304	329	358	**361**	0.7%	0.4%
Other Asia Pacific	275	284	293	296	302	317	307	349	351	376	**382**	1.3%	0.4%
Total Asia Pacific	22086	22880	24124	24535	25124	25989	25881	26205	27766	28754	**29781**	3.7%	33.6%
Total World	**78470**	**80085**	**82996**	**84228**	**85138**	**86575**	**86052**	**85064**	**87833**	**88879**	**89774**	**0.9%**	**100.0%**
of which: OECD	48322	48915	49687	50064	49880	49682	48070	46042	46460	46117	**45587**	-1.3%	50.2%
Non-OECD	30149	31170	33309	34164	35259	36893	37983	39021	41373	42762	**44187**	3.3%	49.8%
European Union	14708	14759	14891	15021	15023	14700	14610	13880	13741	13377	**12796**	-4.6%	14.8%
Former Soviet Union	3593	3791	3805	3798	3906	3981	4059	3889	3963	4261	**4391**	2.9%	5.0%

*Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of fuel ethanol and biodiesel is 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.
Growth rates are adjusted for leap years.

Production*

Million tonnes	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	342.0	332.3	325.1	309.1	304.7	305.2	302.3	322.4	332.9	345.7	**394.9**	13.9%	9.6%
Canada	132.6	140.2	144.8	142.3	150.6	155.3	152.9	152.8	160.3	170.4	**182.6**	6.8%	4.4%
Mexico	177.8	188.2	190.0	186.5	182.5	172.2	156.9	146.7	145.6	144.5	**143.9**	-0.7%	3.5%
Total North America	652.4	660.7	659.9	637.9	637.8	632.7	612.0	621.9	638.8	660.7	**721.4**	8.9%	17.5%
Argentina	43.1	42.8	40.9	39.4	39.1	38.0	36.5	34.9	34.0	32.2	**31.0**	-3.8%	0.8%
Brazil	78.4	81.1	80.6	88.7	93.7	95.2	98.8	105.6	111.4	114.2	**112.2**	-2.0%	2.7%
Colombia	30.4	28.5	27.9	27.7	27.9	28.0	31.1	35.3	41.4	48.2	**49.9**	3.2%	1.2%
Ecuador	21.1	22.5	28.3	28.6	28.8	27.5	27.2	26.1	26.1	26.8	**27.1**	0.8%	0.7%
Peru	4.9	4.6	4.4	4.5	4.6	4.6	4.7	4.8	5.1	4.9	**4.8**	-3.0%	0.1%
Trinidad & Tobago	8.0	8.7	8.2	9.0	9.6	8.2	8.7	7.6	7.4	6.9	**6.0**	-13.7%	0.1%
Venezuela	152.8	147.5	170.1	169.7	171.0	165.5	165.6	155.7	145.7	141.5	**139.7**	-1.5%	3.4%
Other S. & Cent. America	7.7	7.8	7.4	7.4	7.1	7.2	7.1	6.9	6.9	7.0	**7.3**	4.5%	0.2%
Total S. & Cent. America	346.4	343.3	367.8	374.9	381.8	374.2	379.7	376.9	377.9	381.7	**378.0**	-1.2%	9.2%
Azerbaijan	15.3	15.4	15.5	22.2	32.3	42.6	44.5	50.4	50.8	45.6	**43.4**	-5.2%	1.1%
Denmark	18.1	17.9	19.1	18.4	16.7	15.2	14.0	12.9	12.2	10.9	**10.1**	-8.0%	0.2%
Italy	5.5	5.6	5.5	6.1	5.8	5.9	5.2	4.6	5.1	5.3	**5.4**	1.4%	0.1%
Kazakhstan	48.2	52.4	60.6	62.6	66.1	68.4	72.0	78.2	81.6	82.4	**81.3**	-1.6%	2.0%
Norway	157.9	153.9	150.3	138.7	129.0	118.6	114.7	108.8	98.9	93.8	**87.5**	-7.0%	2.1%
Romania	6.1	5.9	5.7	5.4	5.0	4.7	4.7	4.5	4.3	4.2	**4.1**	-2.8%	0.1%
Russian Federation	383.7	425.7	463.3	474.8	485.6	496.8	493.7	500.8	511.8	518.5	**526.2**	1.2%	12.8%
Turkmenistan	9.0	10.0	9.6	9.5	9.2	9.8	10.3	10.4	10.7	10.7	**11.0**	2.5%	0.3%
United Kingdom	115.7	105.8	95.2	84.6	76.5	76.7	72.0	68.2	62.8	51.9	**45.0**	-13.4%	1.1%
Uzbekistan	7.2	7.1	6.6	5.4	5.4	4.9	4.8	4.5	3.6	3.6	**3.2**	-12.0%	0.1%
Other Europe & Eurasia	23.6	24.0	23.4	22.0	21.7	21.6	20.6	19.9	19.2	19.2	**19.2**	-0.7%	0.5%
Total Europe & Eurasia	790.3	823.7	854.6	849.8	853.2	865.2	856.6	863.1	861.0	846.1	**836.4**	-1.4%	20.3%
Iran	177.5	198.5	208.2	206.4	209.2	210.9	214.5	205.5	208.8	208.2	**174.9**	-16.2%	4.2%
Iraq	103.9	66.0	99.9	89.9	98.0	105.1	119.3	119.9	121.5	136.7	**152.4**	11.2%	3.7%
Kuwait	98.9	115.6	123.4	130.4	133.7	129.9	136.1	121.2	122.5	139.7	**152.5**	8.9%	3.7%
Oman	44.6	40.7	38.9	38.5	36.6	35.3	37.7	40.3	42.9	44.1	**45.8**	3.5%	1.1%
Qatar	37.4	43.8	50.0	52.6	56.8	57.9	65.0	62.4	72.1	78.2	**83.3**	6.3%	2.0%
Saudi Arabia	425.2	486.2	500.4	521.3	508.9	488.9	509.9	456.7	473.8	526.0	**547.0**	3.7%	13.3%
Syria	33.7	32.4	24.3	22.3	21.0	20.1	20.3	20.0	19.2	16.3	**8.2**	-49.9%	0.2%
United Arab Emirates	112.5	126.2	132.0	135.8	144.3	139.6	141.4	126.2	133.3	151.3	**154.1**	1.6%	3.7%
Yemen	21.6	21.2	20.0	19.8	18.1	15.9	14.8	14.3	13.5	10.6	**8.3**	-21.4%	0.2%
Other Middle East	2.3	2.3	2.3	9.1	8.9	9.3	9.3	9.4	9.4	10.0	**10.1**	1.3%	0.2%
Total Middle East	1057.5	1133.0	1199.4	1226.0	1235.7	1213.0	1268.2	1176.1	1217.2	1321.0	**1336.8**	0.9%	32.5%
Algeria	70.9	79.0	83.6	86.4	86.2	86.5	85.6	77.2	74.1	73.5	**73.0**	-0.9%	1.8%
Angola	44.6	42.8	54.5	68.9	69.3	82.1	93.1	87.6	90.5	83.8	**86.9**	3.4%	2.1%
Chad	–	1.2	8.8	9.1	8.0	7.5	6.7	6.2	6.4	6.0	**5.3**	-11.3%	0.1%
Republic of Congo (Brazzaville)	11.7	10.7	11.2	12.3	14.0	11.4	12.1	13.9	15.1	15.1	**15.3**	0.8%	0.4%
Egypt	37.2	37.1	34.8	33.2	34.5	33.8	34.7	35.3	35.0	35.3	**35.4**	0.1%	0.9%
Equatorial Guinea	11.1	12.7	16.5	16.4	15.6	15.9	16.1	14.2	12.6	11.6	**13.2**	13.4%	0.3%
Gabon	12.8	13.7	13.7	13.5	12.1	12.3	12.0	12.0	12.7	12.7	**12.3**	-3.5%	0.3%
Libya	64.6	69.8	76.5	82.2	85.3	85.3	85.5	77.4	77.7	22.5	**71.1**	215.1%	1.7%
Nigeria	101.7	109.0	119.0	122.1	116.6	110.2	102.8	106.6	121.3	118.2	**116.2**	-1.9%	2.8%
South Sudan	–	–	–	–	–	–	–	–	–	–	**1.5**	–	◆
Sudan	11.9	13.1	14.9	15.0	16.3	23.1	23.7	23.4	22.9	22.3	**4.1**	-81.9%	0.1%
Tunisia	3.5	3.2	3.4	3.4	3.3	4.6	4.2	4.0	3.8	3.2	**3.1**	-4.7%	0.1%
Other Africa	6.8	7.0	8.2	8.6	11.2	9.7	9.5	9.2	8.3	11.5	**11.6**	1.0%	0.3%
Total Africa	376.8	399.3	445.1	471.1	472.3	482.2	486.0	466.8	480.6	415.7	**449.0**	7.7%	10.9%
Australia	33.4	27.8	24.0	24.2	23.3	24.3	24.8	24.6	25.4	21.7	**19.9**	-8.6%	0.5%
Brunei	10.3	10.5	10.3	10.1	10.8	9.5	8.6	8.3	8.5	8.1	**7.8**	-4.3%	0.2%
China	166.9	169.6	174.1	181.4	184.8	186.3	190.4	189.5	203.0	202.9	**207.5**	2.0%	5.0%
India	37.2	37.3	38.2	36.6	37.8	37.9	37.9	37.2	40.8	42.3	**42.0**	-0.9%	1.0%
Indonesia	63.3	57.6	55.6	53.7	50.2	47.8	49.4	48.4	48.6	46.3	**44.6**	-3.9%	1.1%
Malaysia	34.2	35.4	36.3	34.6	32.7	33.8	34.0	32.2	32.0	28.9	**29.7**	2.6%	0.7%
Thailand	8.1	9.5	9.3	11.4	12.5	13.2	14.0	14.6	14.8	14.8	**16.2**	9.1%	0.4%
Vietnam	17.3	17.6	20.7	19.0	17.2	16.3	15.2	16.7	15.3	15.5	**17.0**	9.8%	0.4%
Other Asia Pacific	8.7	8.8	10.4	12.4	13.1	13.9	14.8	14.4	13.8	13.1	**12.5**	-4.9%	0.3%
Total Asia Pacific	379.3	374.2	378.8	383.3	382.4	383.1	389.3	385.8	402.3	393.6	**397.3**	0.7%	9.6%
Total World	**3602.7**	**3734.3**	**3905.5**	**3943.1**	**3963.3**	**3950.4**	**3991.8**	**3890.6**	**3977.8**	**4018.8**	**4118.9**	**2.2%**	**100.0%**
of which: OECD	1000.1	988.7	970.0	924.8	903.7	889.0	858.6	855.9	857.5	858.4	**903.0**	4.9%	21.9%
Non-OECD	2602.6	2745.6	2935.6	3018.3	3059.7	3061.3	3133.2	3034.7	3120.3	3160.4	**3215.9**	1.5%	78.1%
OPEC	1411.0	1506.9	1645.9	1694.2	1708.2	1689.2	1746.0	1622.5	1667.6	1706.2	**1778.4**	3.9%	43.2%
Non-OPEC‡	1721.5	1709.5	1696.9	1667.1	1649.5	1631.7	1613.8	1617.1	1645.3	1645.8	**1669.6**	1.2%	40.5%
European Union	158.0	147.9	137.5	125.6	114.4	113.1	105.7	99.1	92.5	80.8	**73.0**	-9.9%	1.8%
Former Soviet Union	470.2	517.8	562.7	581.8	605.6	629.4	632.0	651.0	664.8	666.7	**670.9**	0.4%	16.3%

*Includes crude oil, shale oil, oil sands and NGLs (the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as biomass and coal derivatives.
◆Less than 0.05%.
‡Excludes Former Soviet Union.
Note: Growth rates are adjusted for leap years.

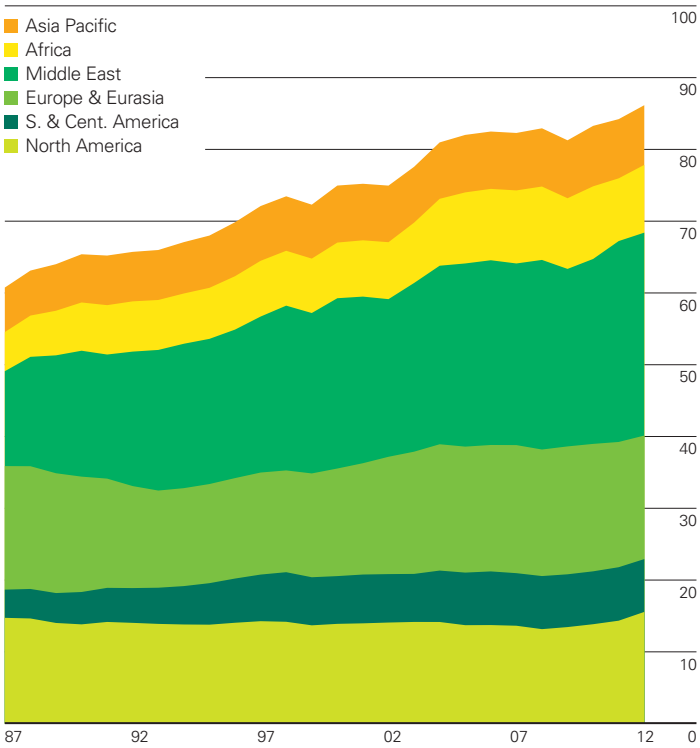
Consumption*

Million tonnes	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	884.9	900.7	936.5	939.8	930.7	928.8	875.4	833.0	847.4	837.0	**819.9**	-2.3%	19.8%
Canada	93.8	97.3	100.8	99.9	99.4	102.3	101.2	95.2	101.3	105.0	**104.3**	-0.9%	2.5%
Mexico	82.8	85.0	88.5	90.8	89.7	92.0	91.6	88.5	88.5	90.3	**92.6**	2.3%	2.2%
Total North America	1061.5	1083.0	1125.9	1130.5	1119.7	1123.1	1068.2	1016.8	1037.3	1032.3	**1016.8**	-1.8%	24.6%
Argentina	18.0	18.5	19.4	20.7	21.7	24.0	24.7	24.0	26.0	27.5	**28.2**	2.3%	0.7%
Brazil	91.5	88.7	92.0	94.2	95.8	101.8	108.6	109.1	118.3	122.2	**125.6**	2.5%	3.0%
Chile	10.4	10.6	11.5	11.8	13.2	17.0	17.8	17.4	15.4	17.5	**17.9**	1.9%	0.4%
Colombia	10.0	10.0	10.3	10.5	10.7	10.7	10.8	11.1	11.9	12.5	**12.7**	1.0%	0.3%
Ecuador	6.8	7.0	7.2	7.9	8.3	8.5	8.7	8.9	10.3	10.5	**11.0**	3.6%	0.3%
Peru	6.9	6.5	7.3	7.1	6.9	7.1	8.0	8.1	8.5	9.2	**9.6**	3.2%	0.2%
Trinidad & Tobago	1.2	1.1	1.2	1.2	1.4	1.7	1.8	1.7	1.9	1.6	**1.6**	0.2%	◆
Venezuela	30.3	24.9	27.2	28.8	30.3	30.4	34.8	35.2	35.8	35.6	**36.6**	2.5%	0.9%
Other S. & Cent. America	57.2	58.5	59.6	58.8	59.5	60.1	57.8	57.0	58.2	58.7	**59.0**	0.2%	1.4%
Total S. & Cent. America	232.5	226.1	235.8	241.0	247.7	261.3	272.9	272.5	286.1	295.4	**302.2**	2.0%	7.3%
Austria	13.2	14.2	13.9	14.0	14.2	13.4	13.4	12.8	13.4	12.6	**12.4**	-1.2%	0.3%
Azerbaijan	3.7	4.3	4.5	5.4	4.8	4.5	3.6	3.3	3.2	4.0	**4.2**	5.4%	0.1%
Belarus	7.1	7.0	7.1	7.1	8.1	7.3	8.3	9.4	7.3	9.0	**9.1**	1.1%	0.2%
Belgium	31.7	33.8	33.5	33.5	33.4	33.7	36.8	32.2	33.5	32.3	**30.6**	-5.4%	0.7%
Bulgaria	4.2	4.4	4.3	4.8	5.0	4.8	4.8	4.3	3.9	3.8	**3.8**	0.1%	0.1%
Czech Republic	8.1	8.7	9.5	9.9	9.8	9.7	9.9	9.7	9.1	9.0	**9.1**	0.2%	0.2%
Denmark	9.6	9.2	9.0	9.4	9.6	9.7	9.5	8.5	8.4	8.1	**7.6**	-6.3%	0.2%
Finland	10.9	11.4	10.6	11.0	10.6	10.6	10.5	9.9	10.4	9.7	**9.1**	-6.2%	0.2%
France	92.9	93.1	94.0	93.1	93.0	91.4	90.8	87.5	84.5	83.7	**80.9**	-3.6%	2.0%
Germany	127.4	125.1	124.0	122.4	123.6	112.5	118.9	113.9	115.4	112.0	**111.5**	-0.7%	2.7%
Greece	20.3	19.7	21.3	21.1	22.1	21.7	21.3	20.1	18.0	17.0	**15.4**	-9.5%	0.4%
Hungary	6.4	6.1	6.3	7.4	7.8	7.7	7.5	7.1	6.7	6.4	**6.0**	-7.7%	0.1%
Republic of Ireland	8.8	8.5	8.9	9.3	9.3	9.4	9.0	8.0	7.6	6.7	**6.2**	-7.7%	0.2%
Italy	92.9	92.1	89.7	86.7	86.7	84.0	80.4	75.1	73.1	70.5	**64.2**	-9.2%	1.6%
Kazakhstan	8.3	8.9	9.5	9.8	10.3	11.3	11.0	8.9	9.3	11.6	**12.8**	10.2%	0.3%
Lithuania	2.5	2.4	2.6	2.8	2.8	2.8	3.1	2.6	2.7	2.6	**2.6**	-1.2%	0.1%
Netherlands	44.7	45.1	47.1	50.1	50.8	50.7	47.3	45.9	45.9	46.1	**44.1**	-4.5%	1.1%
Norway	9.8	10.4	10.0	10.2	10.5	10.7	10.4	10.6	10.8	10.6	**10.8**	1.3%	0.3%
Poland	19.9	20.2	21.6	22.4	23.3	24.2	25.3	25.3	26.7	26.6	**25.1**	-5.8%	0.6%
Portugal	16.2	15.2	15.4	16.0	14.4	14.4	13.6	12.8	12.5	11.6	**10.9**	-6.2%	0.3%
Romania	10.6	9.4	10.9	10.5	10.3	10.3	10.4	9.2	8.8	9.1	**8.8**	-3.6%	0.2%
Russian Federation	122.3	127.3	126.2	126.1	130.3	130.0	133.9	128.2	134.3	143.5	**147.5**	2.5%	3.6%
Slovakia	3.5	3.3	3.2	3.8	3.4	3.6	3.9	3.7	3.9	3.9	**3.5**	-9.3%	0.1%
Spain	73.7	76.2	78.5	79.3	79.3	80.3	77.9	73.5	69.6	68.5	**63.8**	-7.2%	1.5%
Sweden	16.3	16.9	16.2	16.1	16.5	16.0	15.7	14.6	15.3	14.5	**13.8**	-4.8%	0.3%
Switzerland	12.4	12.1	12.0	12.2	12.6	11.3	12.1	12.3	11.4	11.0	**11.2**	1.6%	0.3%
Turkey	30.5	30.5	30.8	30.9	32.7	33.5	31.9	31.6	31.8	30.7	**31.5**	2.3%	0.8%
Turkmenistan	3.9	4.4	4.3	4.3	4.1	4.6	5.1	4.6	4.5	4.7	**4.8**	3.3%	0.1%
Ukraine	13.3	13.6	14.3	13.7	14.2	15.6	14.9	13.4	13.0	12.9	**13.2**	1.9%	0.3%
United Kingdom	78.0	79.0	81.7	83.0	82.3	79.2	77.9	74.4	73.5	71.1	**68.5**	-4.0%	1.7%
Uzbekistan	6.6	8.2	7.7	5.0	5.0	4.6	4.5	4.3	3.6	3.8	**3.9**	2.1%	0.1%
Other Europe & Eurasia	26.5	28.1	29.7	30.8	31.5	32.5	33.1	32.6	32.8	32.8	**32.8**	-0.3%	0.8%
Total Europe & Eurasia	936.1	948.7	958.3	962.0	972.1	956.4	956.7	910.6	904.7	900.3	**879.8**	-2.5%	21.3%
Iran	70.0	74.3	76.9	80.7	86.5	88.6	92.2	93.5	88.3	85.6	**89.6**	4.3%	2.2%
Israel	12.4	12.8	12.0	12.2	11.9	12.4	12.2	11.4	10.9	11.5	**13.6**	17.8%	0.3%
Kuwait	13.2	15.6	17.8	19.5	17.7	17.9	19.0	20.3	21.7	20.4	**20.9**	2.5%	0.5%
Qatar	3.0	3.1	3.4	4.0	4.5	5.2	6.0	6.0	6.9	7.8	**8.0**	2.5%	0.2%
Saudi Arabia	76.6	81.7	88.3	88.2	92.4	98.1	106.8	115.8	123.5	124.4	**129.7**	3.9%	3.1%
United Arab Emirates	20.0	22.1	23.9	24.5	26.3	28.2	29.4	28.1	30.0	31.8	**32.6**	2.2%	0.8%
Other Middle East	61.5	57.3	60.5	63.5	59.3	60.0	68.6	71.3	74.6	77.1	**81.4**	5.3%	2.0%
Total Middle East	256.7	266.9	282.7	292.7	298.6	310.3	334.1	346.4	356.1	358.7	**375.8**	4.5%	9.1%
Algeria	9.7	10.1	10.6	11.0	11.5	12.9	14.0	14.9	14.8	15.5	**16.7**	6.9%	0.4%
Egypt	25.2	25.9	26.8	29.8	28.7	30.6	32.6	34.4	36.3	33.7	**35.2**	4.4%	0.9%
South Africa	23.1	23.9	24.7	24.6	25.3	26.2	25.3	24.7	26.1	26.2	**26.9**	2.6%	0.7%
Other Africa	64.1	65.6	69.7	73.1	72.9	75.7	80.5	82.1	86.4	82.7	**87.7**	5.8%	2.1%
Total Africa	122.1	125.5	131.8	138.5	138.4	145.4	152.5	156.0	163.6	158.0	**166.5**	5.1%	4.0%
Australia	38.2	38.8	39.5	40.7	42.1	42.4	43.2	42.9	43.7	46.1	**46.7**	0.9%	1.1%
Bangladesh	3.9	4.0	4.2	4.3	4.3	4.2	4.1	3.8	4.2	5.3	**5.6**	6.3%	0.1%
China	247.5	271.7	318.9	327.8	351.2	369.3	376.0	388.2	437.7	459.4	**483.7**	5.0%	11.7%
China Hong Kong SAR	12.9	13.0	15.4	13.8	15.0	16.1	14.6	16.6	17.9	18.1	**17.9**	-1.2%	0.4%
India	113.2	116.5	119.5	121.9	128.3	138.1	144.7	152.6	155.4	163.0	**171.6**	5.0%	4.2%
Indonesia	56.2	57.3	60.5	59.5	57.8	59.3	58.7	60.6	65.2	71.1	**71.6**	0.4%	1.7%
Japan	246.4	252.1	245.5	248.8	239.6	232.6	226.3	202.2	204.1	204.7	**218.2**	6.3%	5.3%
Malaysia	24.7	24.5	25.5	25.0	26.6	29.2	28.8	28.3	28.4	29.1	**29.8**	2.1%	0.7%
New Zealand	6.5	6.8	7.0	7.0	7.1	7.2	7.2	6.9	7.0	7.0	**7.0**	-0.1%	0.2%
Pakistan	17.9	15.8	16.0	15.3	17.6	19.3	19.4	20.8	20.6	20.8	**20.0**	-4.2%	0.5%
Philippines	15.6	15.5	15.9	14.8	13.3	14.1	12.3	13.1	13.2	12.8	**13.0**	0.7%	0.3%
Singapore	38.1	35.5	39.4	43.2	46.5	50.5	53.7	57.3	62.9	65.7	**66.2**	0.4%	1.6%
South Korea	105.3	106.4	104.6	104.6	104.7	107.6	103.1	103.7	105.0	105.8	**108.8**	2.5%	2.6%
Taiwan	44.9	46.7	48.9	49.3	48.6	50.4	45.1	44.3	46.3	42.8	**42.2**	-1.8%	1.0%
Thailand	36.9	40.1	43.5	44.3	44.4	44.4	44.3	47.2	47.1	50.5	**52.4**	3.6%	1.3%
Vietnam	9.8	10.5	12.5	12.2	12.0	13.3	14.1	14.1	15.1	16.5	**16.6**	0.7%	0.4%
Other Asia Pacific	13.2	13.6	14.1	14.2	14.5	15.2	14.7	16.7	16.7	18.0	**18.3**	1.3%	0.4%
Total Asia Pacific	1031.3	1068.7	1130.8	1146.9	1173.6	1213.3	1210.5	1219.3	1290.5	1336.6	**1389.4**	3.7%	33.6%
Total World	**3640.2**	**3719.0**	**3865.2**	**3911.6**	**3950.1**	**4009.7**	**3994.8**	**3921.6**	**4038.2**	**4081.4**	**4130.5**	**0.9%**	**100.0%**
of which: OECD	2215.1	2248.3	2290.8	2305.3	2292.0	2278.3	2210.6	2098.7	2112.6	2095.2	**2072.8**	-1.3%	50.2%
Non-OECD	1425.1	1470.7	1574.4	1606.3	1658.1	1731.4	1784.2	1822.9	1925.6	1986.2	**2057.7**	3.3%	49.8%
European Union	703.6	706.3	715.1	719.7	721.2	703.8	701.9	664.4	656.5	639.1	**611.3**	-4.6%	14.8%
Former Soviet Union	172.7	181.1	181.7	180.0	185.5	187.8	191.2	181.7	185.2	199.5	**205.9**	2.9%	5.0%

*Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of fuel ethanol and biodiesel is 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.
Growth rates are adjusted for leap years.

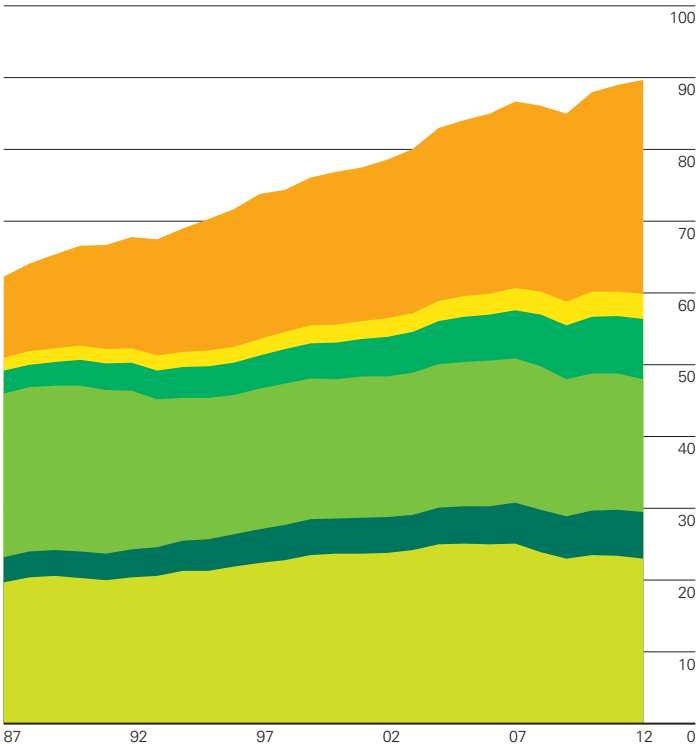
Production by region

Million barrels daily



Consumption by region

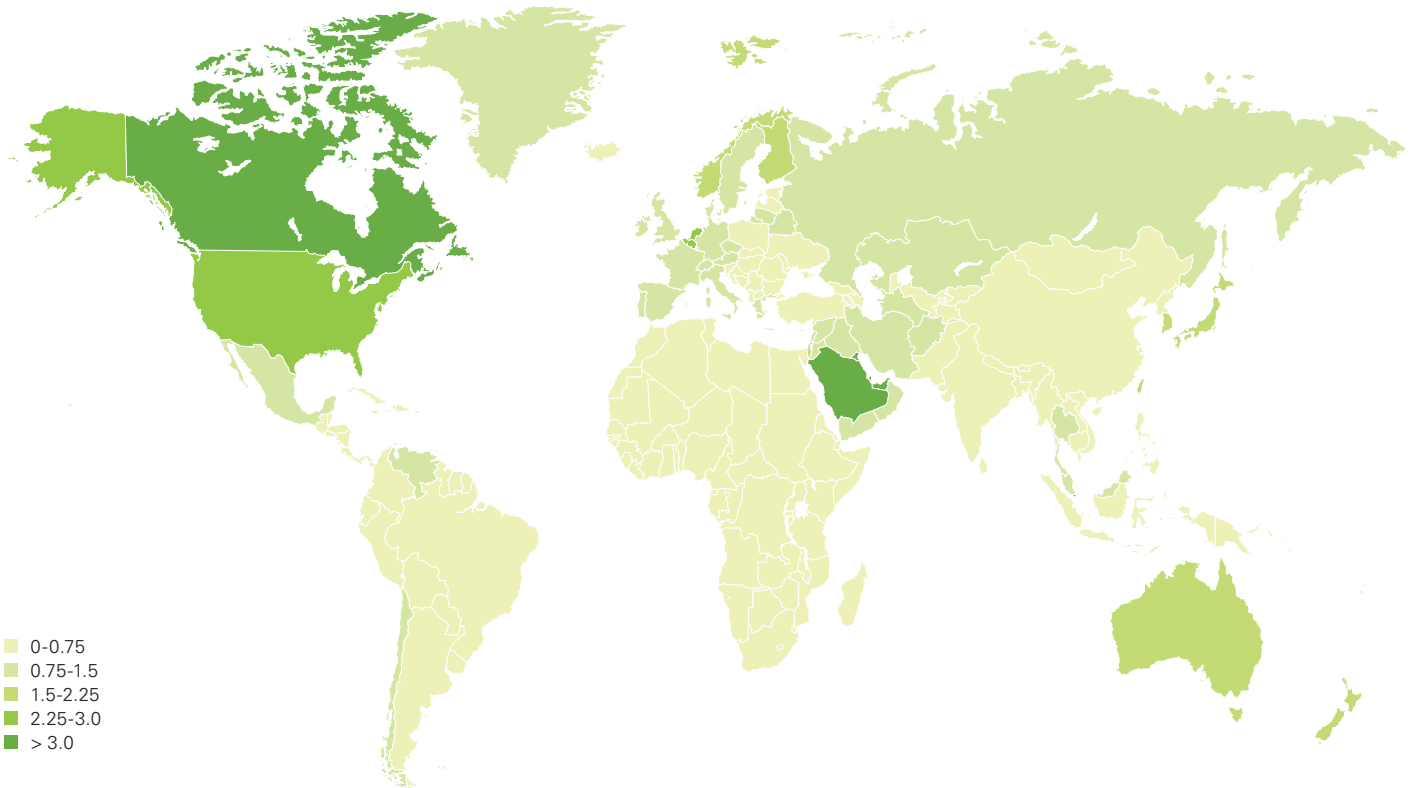
Million barrels daily



World oil production increased by 1.9 million b/d in 2012, more than double the growth of global consumption. US output grew by 1 million b/d, the largest increase in the world and in the country's history. The recovery in Libyan production drove robust growth in African output. Global oil consumption grew by just 890,000 b/d, with declines in Europe and North America offsetting gains elsewhere.

Consumption per capita 2012

Tonnes



Regional consumption by product group

Thousand barrels daily	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
North America													
Light distillates	10514	10666	10978	11019	11131	11200	10859	10839	10943	10697	**10594**	-1.0%	46.0%
Middle distillates	6654	6860	7133	7249	7297	7318	6934	6284	6565	6694	**6417**	-4.1%	27.9%
Fuel oil	1187	1253	1340	1396	1055	1081	941	799	764	745	**635**	-14.8%	2.8%
Others	5442	5392	5572	5455	5519	5509	5126	5037	5192	5260	**5394**	2.5%	23.4%
Total North America	23797	24170	25023	25119	25002	25109	23860	22959	23464	23397	**23040**	-1.5%	100.0%
of which: US													
Light distillates	9167	9275	9518	9548	9599	9597	9253	9257	9263	9022	**8955**	-0.7%	48.3%
Middle distillates	5735	5886	6116	6198	6226	6199	5801	5241	5464	5518	**5281**	-4.3%	28.5%
Fuel oil	686	763	859	914	683	718	609	505	487	459	**343**	-25.3%	1.8%
Others	4172	4109	4239	4143	4178	4166	3827	3766	3921	3951	**3976**	0.6%	21.4%
Total US	19761	20033	20732	20802	20687	20680	19490	18769	19134	18949	**18555**	-2.1%	100.0%
S. & Cent. America													
Light distillates	1401	1379	1397	1462	1494	1584	1663	1765	1830	1848	**1898**	2.7%	29.1%
Middle distillates	1706	1711	1854	1866	1893	2082	2153	2126	2343	2451	**2535**	3.4%	38.8%
Fuel oil	752	702	707	709	726	739	741	723	695	676	**678**	0.3%	10.4%
Others	1146	1068	1101	1148	1218	1246	1335	1307	1354	1430	**1422**	-0.6%	21.8%
Total S. & Cent. America	5004	4860	5059	5185	5332	5651	5892	5921	6222	6405	**6533**	2.0%	100.0%
Europe													
Light distillates	4125	4025	3987	3887	3756	3681	3477	3390	3350	3126	**2976**	-4.8%	21.0%
Middle distillates	6939	7129	7338	7527	7703	7583	7802	7531	7547	7521	**7389**	-1.8%	52.2%
Fuel oil	1866	1831	1751	1746	1711	1611	1545	1379	1257	1189	**1063**	-10.6%	7.5%
Others	3040	3065	3118	3184	3235	3205	3134	2960	2940	2876	**2724**	-5.3%	19.2%
Total Europe	15970	16051	16194	16344	16406	16081	15959	15260	15094	14712	**14152**	-3.8%	100.0%
Former Soviet Union													
Light distillates	1056	1093	1095	1110	1147	1228	1283	1243	1283	1290	**1352**	4.8%	30.8%
Middle distillates	1039	1085	1113	1142	1194	1267	1336	1191	1292	1417	**1453**	2.5%	33.1%
Fuel oil	635	598	535	515	567	459	427	399	388	401	**418**	4.2%	9.5%
Others	863	1015	1061	1031	997	1027	1012	1056	1000	1154	**1169**	1.3%	26.6%
Total Former Soviet Union	3593	3791	3805	3798	3906	3981	4059	3889	3963	4261	**4391**	3.1%	100.0%
Middle East													
Light distillates	1175	1242	1341	1417	1495	1516	1645	1696	1784	1825	**1886**	3.4%	22.6%
Middle distillates	1740	1800	1918	2047	2085	2195	2294	2386	2437	2533	**2753**	8.7%	33.0%
Fuel oil	1374	1398	1432	1477	1484	1567	1721	1844	1918	1892	**1916**	1.2%	22.9%
Others	1163	1247	1334	1393	1385	1418	1525	1600	1723	1741	**1799**	3.3%	21.5%
Total Middle East	5452	5686	6026	6335	6449	6696	7185	7526	7861	7992	**8354**	4.5%	100.0%
Africa													
Light distillates	602	643	678	701	690	710	767	799	854	827	**873**	5.7%	24.8%
Middle distillates	1135	1166	1195	1248	1299	1398	1483	1509	1576	1569	**1641**	4.6%	46.6%
Fuel oil	388	393	409	456	425	432	426	436	470	412	**431**	4.6%	12.2%
Others	443	445	485	506	506	528	542	559	563	550	**577**	4.9%	16.4%
Total Africa	2568	2646	2767	2911	2920	3068	3218	3302	3463	3359	**3523**	4.9%	100.0%
Asia Pacific													
Light distillates	6198	6446	6800	6952	7149	7539	7547	7869	8584	8888	**9281**	4.4%	31.2%
Middle distillates	8182	8352	8792	9031	9117	9272	9387	9452	9914	10300	**10487**	1.8%	35.2%
Fuel oil	3383	3514	3536	3515	3630	3731	3612	3343	3407	3417	**3633**	6.3%	12.2%
Others	4323	4567	4997	5037	5228	5447	5335	5542	5862	6148	**6379**	3.7%	21.4%
Total Asia Pacific	22086	22880	24124	24535	25124	25989	25881	26205	27766	28754	**29781**	3.6%	100.0%
of which: China													
Light distillates	1359	1498	1681	1787	1900	2036	2125	2230	2726	2985	**3182**	6.6%	31.1%
Middle distillates	1785	1938	2277	2518	2713	2869	3079	3178	3430	3660	**3741**	2.2%	36.6%
Fuel oil	783	869	943	893	945	973	900	865	923	764	**820**	7.4%	8.0%
Others	1335	1467	1837	1745	1881	1946	1843	1955	2194	2341	**2477**	5.8%	24.2%
Total China	5262	5771	6738	6944	7439	7823	7947	8229	9272	9750	**10221**	4.8%	100.0%
Japan													
Light distillates	1728	1755	1766	1817	1794	1770	1650	1669	1727	1659	**1632**	-1.6%	34.6%
Middle distillates	1944	1918	1869	1878	1760	1621	1502	1380	1391	1343	**1360**	1.3%	28.9%
Fuel oil	632	749	653	676	657	657	707	450	442	577	**811**	40.7%	17.2%
Others	1053	1039	1019	1021	999	1005	1024	931	913	887	**911**	2.7%	19.3%
Total Japan	5357	5461	5308	5391	5210	5053	4882	4429	4473	4465	**4714**	5.6%	100.0%
World													
Light distillates	25071	25495	26275	26548	26860	27460	27241	27600	28627	28501	**28862**	1.3%	32.1%
Middle distillates	27395	28103	29343	30110	30590	31116	31389	30478	31673	32486	**32675**	0.6%	36.4%
Fuel oil	9584	9689	9710	9815	9600	9619	9414	8924	8899	8733	**8773**	0.5%	9.8%
Others	16421	16799	17667	17755	18089	18380	18008	18061	18634	19160	**19463**	1.6%	21.7%
Total World	**78470**	**80085**	**82996**	**84228**	**85138**	**86575**	**86052**	**85064**	**87833**	**88879**	**89774**	**1.0%**	**100.0%**
OECD													
Light distillates	17621	17733	17979	18018	18008	18097	17408	17375	17547	17075	**16890**	-1.1%	37.0%
Middle distillates	16542	16912	17330	17669	17783	17609	17304	16228	16573	16669	**16332**	-2.0%	35.8%
Fuel oil	4086	4230	4137	4201	3797	3715	3506	2907	2722	2746	**2746**	◆	6.0%
Others	10072	10041	10241	10176	10291	10260	9851	9532	9618	9628	**9620**	-0.1%	21.1%
Total OECD	48322	48915	49687	50064	49880	49682	48070	46042	46460	46117	**45587**	-1.2%	100.0%
Non-OECD													
Light distillates	7450	7762	8296	8530	8852	9363	9833	10225	11080	11425	**11972**	4.8%	27.1%
Middle distillates	10853	11191	12014	12441	12807	13507	14085	14250	15100	15817	**16344**	3.3%	37.0%
Fuel oil	5498	5459	5573	5614	5802	5904	5908	6017	6177	5987	**6028**	0.7%	13.6%
Others	6348	6758	7426	7579	7798	8120	8157	8529	9016	9532	**9843**	3.3%	22.3%
Total Non-OECD	30149	31170	33309	34164	35259	36893	37983	39021	41373	42762	**44187**	3.3%	100.0%
European Union													
Light distillates	3869	3787	3739	3649	3511	3460	3274	3169	3128	2917	**2776**	-4.8%	21.7%
Middle distillates	6412	6585	6773	6942	7074	6938	7119	6853	6882	6846	**6691**	-2.3%	52.3%
Fuel oil	1673	1629	1590	1591	1574	1489	1440	1279	1186	1113	**987**	-11.3%	7.7%
Others	2755	2757	2790	2839	2864	2814	2777	2580	2545	2501	**2342**	-6.4%	18.3%
Total European Union	14708	14759	14891	15021	15023	14700	14610	13880	13741	13377	**12796**	-4.3%	100.0%

◆Less than 0.05%.

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).

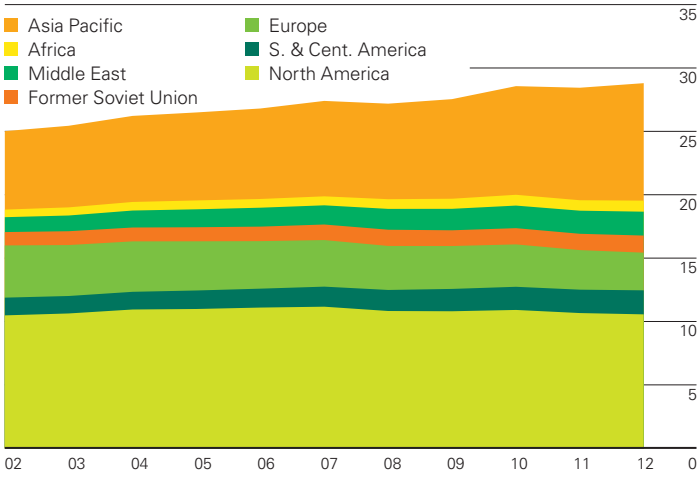
'Fuel oil' includes marine bunkers and crude oil used directly as fuel.

'Others' consists of refinery gas, liquefied petroleum gas (LPG), solvents, petroleum coke, lubricants, bitumen, wax, other refined products and refinery fuel and loss.

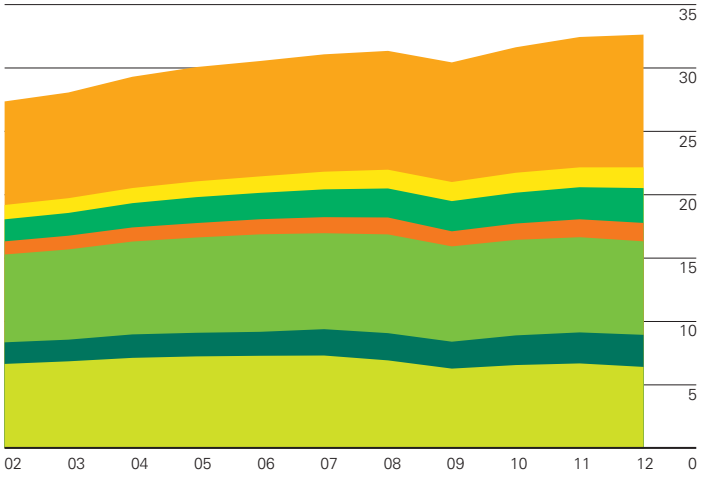
Product consumption by region

Million barrels daily

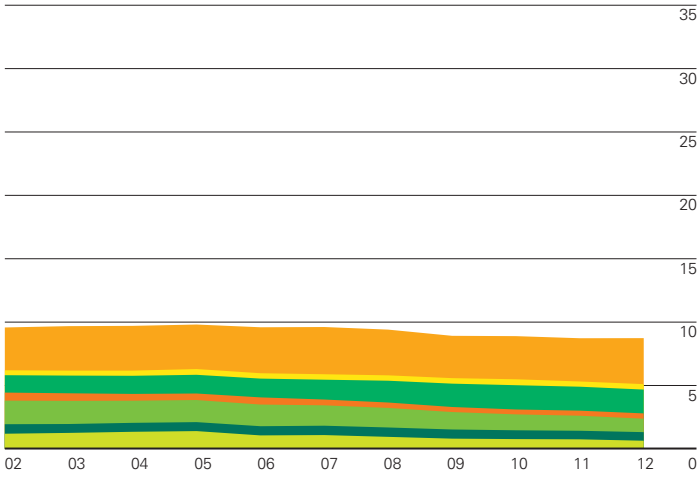
Light distillates



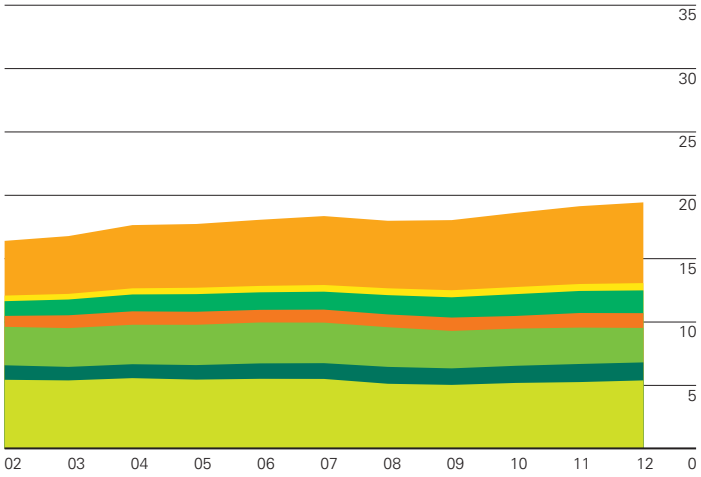
Middle distillates



Fuel oil

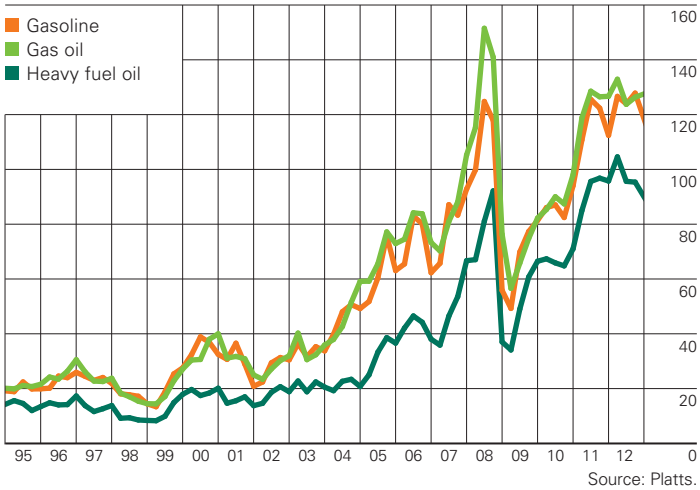


Others



Rotterdam product prices

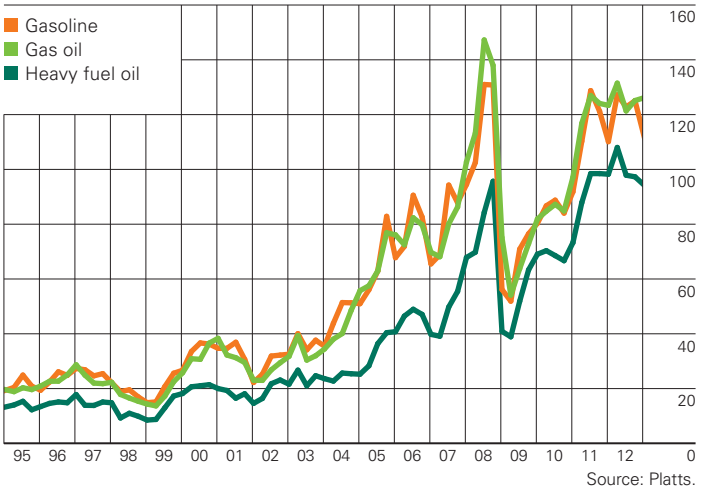
US dollars per barrel



Source: Platts.

US Gulf Coast product prices

US dollars per barrel



Source: Platts.

Spot crude prices

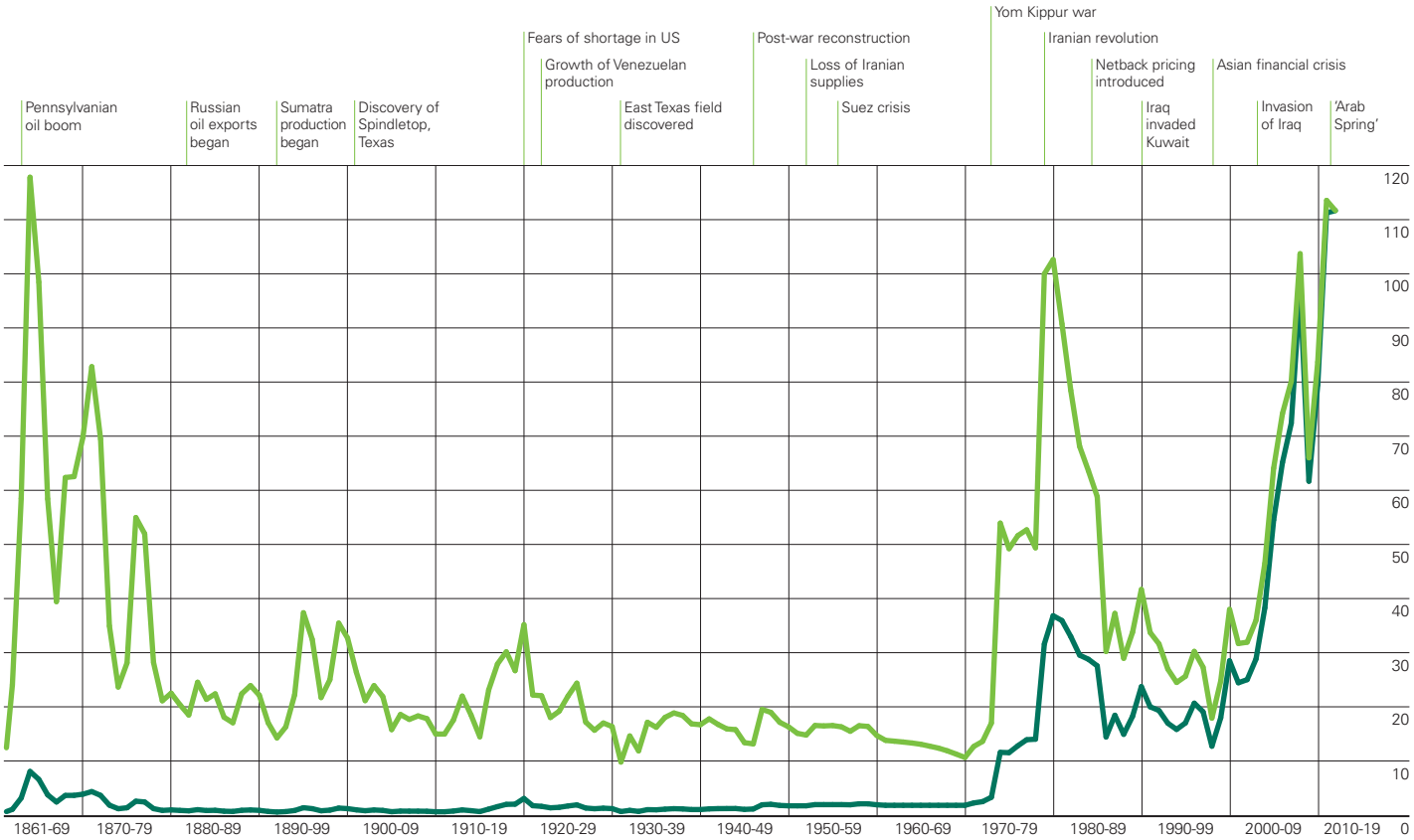
US dollars per barrel	Dubai $/bbl*	Brent $/bbl†	Nigerian Forcados $/bbl	West Texas Intermediate $/bbl‡
1975	10.70	–	–	–
1976	11.63	12.80	12.87	12.23
1977	12.38	13.92	14.21	14.22
1978	13.03	14.02	13.65	14.55
1979	29.75	31.61	29.25	25.08
1980	35.69	36.83	36.98	37.96
1981	34.32	35.93	36.18	36.08
1982	31.80	32.97	33.29	33.65
1983	28.78	29.55	29.54	30.30
1984	28.06	28.78	28.14	29.39
1985	27.53	27.56	27.75	27.98
1986	13.10	14.43	14.46	15.10
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

*1975-1985 Arabian Light, 1986-2012 Dubai dated.
†1976-1983 Forties, 1984-2012 Brent dated.
‡1976-1983 Posted WTI prices, 1984-2012 Spot WTI (Cushing) prices.

Source: Platts.

Crude oil prices 1861-2012

US dollars per barrel



$ 2012
$ money of the day

1861-1944 US average.
1945-1983 Arabian Light posted at Ras Tanura.
1984-2012 Brent dated.

Refinery capacities

Thousand barrels daily*	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
US	16757	16894	17125	17339	17443	17594	17672	17584	17736	17322	**17388**	0.4%	18.8%
Canada	1923	1959	1915	1896	1914	1907	1951	1976	1951	2046	**2063**	0.8%	2.2%
Mexico	1463	1463	1463	1463	1463	1463	1463	1463	1463	1606	**1606**	–	1.7%
Total North America	20143	20316	20503	20698	20821	20964	21086	21023	21151	20974	**21057**	0.4%	22.8%
Argentina	619	620	623	627	623	634	634	636	640	649	**654**	0.8%	0.7%
Brazil	1854	1915	1915	1916	1916	1935	2045	2093	2093	2010	**2000**	-0.5%	2.2%
Netherlands Antilles	320	320	320	320	320	320	320	320	320	320	**320**	–	0.3%
Venezuela	1269	1269	1284	1291	1294	1303	1303	1303	1303	1303	**1303**	–	1.4%
Other S. & Cent. America	2234	2229	2235	2251	2260	2310	2356	2326	2295	2201	**1635**	-25.7%	1.8%
Total S. & Cent. America	6296	6353	6377	6405	6413	6502	6658	6678	6651	6483	**5912**	-8.8%	6.4%
Belgium	803	805	782	778	774	745	745	823	813	823	**792**	-3.8%	0.9%
France	1987	1967	1982	1978	1959	1962	1971	1873	1702	1610	**1478**	-8.2%	1.6%
Germany	2286	2304	2320	2322	2390	2390	2366	2362	2091	2077	**2097**	0.9%	2.3%
Greece	412	412	412	418	425	425	425	425	440	495	**498**	0.6%	0.5%
Italy	2485	2485	2497	2515	2526	2497	2396	2396	2396	2311	**2200**	-4.8%	2.4%
Netherlands	1282	1282	1284	1274	1274	1236	1280	1280	1274	1276	**1274**	-0.1%	1.4%
Norway	310	310	310	310	310	310	310	310	310	310	**310**	–	0.3%
Russian Federation	5466	5340	5343	5405	5488	5501	5422	5401	5508	5569	**5754**	3.3%	6.2%
Spain	1330	1347	1372	1377	1362	1362	1362	1362	1416	1416	**1537**	8.5%	1.7%
Sweden	422	422	422	422	422	422	422	422	422	434	**434**	–	0.5%
Turkey	713	713	693	613	613	613	613	613	613	613	**613**	–	0.7%
United Kingdom	1785	1813	1848	1819	1836	1819	1827	1757	1757	1787	**1631**	-8.8%	1.8%
Other Europe & Eurasia	5706	5623	5599	5562	5450	5487	5473	5515	5629	5536	**5248**	-5.2%	5.7%
Total Europe & Eurasia	24987	24823	24864	24794	24828	24770	24612	24538	24372	24259	**23865**	-1.6%	25.8%
Iran	1597	1607	1642	1642	1727	1772	1805	1860	1860	1860	**1892**	1.7%	2.0%
Iraq	750	750	750	753	758	765	754	786	907	996	**1042**	4.6%	1.1%
Kuwait	814	914	936	936	936	936	936	936	936	936	**936**	–	1.0%
Saudi Arabia	1814	1894	2079	2107	2107	2107	2107	2107	2107	2117	**2122**	0.2%	2.3%
United Arab Emirates	711	645	620	620	620	625	680	700	700	705	**710**	0.7%	0.8%
Other Middle East	1248	1248	1248	1248	1298	1381	1390	1536	1541	1553	**1553**	–	1.7%
Total Middle East	6934	7058	7275	7306	7446	7586	7672	7925	8051	8167	**8255**	1.1%	8.9%
Total Africa	3189	3138	3051	3138	2990	3007	3121	2982	3175	3123	**3323**	6.4%	3.6%
Australia	829	756	763	711	694	733	734	734	740	742	**663**	-10.6%	0.7%
China	5933	6295	6603	7165	7865	8399	8722	9479	10302	10834	**11547**	6.6%	12.5%
India	2303	2293	2558	2558	2872	2983	2992	3574	3703	3795	**4099**	8.0%	4.4%
Indonesia	1092	1057	1057	1057	1127	1150	1052	1085	1139	1141	**1142**	0.1%	1.2%
Japan	4728	4645	4531	4531	4588	4650	4650	4630	4291	4274	**4254**	-0.5%	4.6%
Singapore	1255	1255	1255	1255	1255	1255	1385	1385	1385	1395	**1395**	–	1.5%
South Korea	2598	2598	2598	2598	2633	2671	2712	2712	2712	2860	**2887**	1.0%	3.1%
Taiwan	1159	1159	1159	1159	1140	1197	1197	1197	1197	1197	**1197**	–	1.3%
Thailand	1068	1068	1068	1078	1125	1125	1195	1255	1260	1260	**1260**	–	1.4%
Other Asia Pacific	1487	1416	1410	1439	1448	1460	1472	1621	1654	1673	**1676**	0.2%	1.8%
Total Asia Pacific	22451	22541	23001	23551	24747	25623	26111	27671	28383	29170	**30119**	3.3%	32.6%
Total World	**83998**	**84228**	**85072**	**85892**	**87245**	**88451**	**89259**	**90817**	**91782**	**92176**	**92531**	**0.4%**	**100.0%**
of which: OECD	44907	44986	45133	45204	45453	45673	45774	45628	45109	45007	**44686**	-0.7%	48.3%
Non-OECD	39091	39242	39939	40688	41792	42778	43485	45189	46673	47168	**47845**	1.4%	51.7%
European Union	15701	15739	15813	15821	15851	15779	15653	15552	15253	15171	**14797**	-2.5%	16.0%
Former Soviet Union	7951	7745	7728	7730	7753	7767	7738	7743	7876	7843	**7853**	0.1%	8.5%

*Atmospheric distillation capacity on a calendar-day basis.
Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

Source: Includes data from ICIS Parpinelli Tecnon.

Refinery throughputs

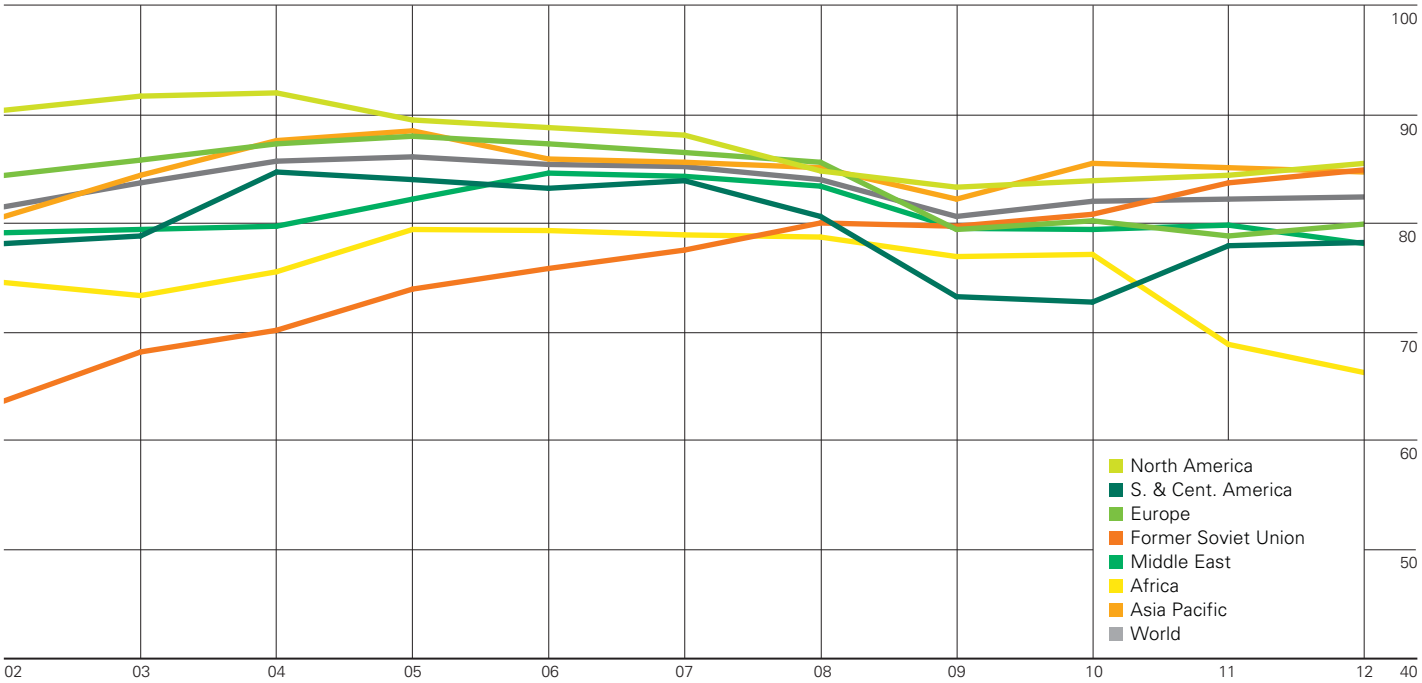
Thousand barrels daily*	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
US	14947	15304	15475	15220	15242	15156	14648	14336	14724	14806	**15006**	1.4%	19.7%
Canada	1862	1880	1957	1883	1835	1908	1839	1773	1832	1734	**1796**	3.6%	2.4%
Mexico	1390	1436	1436	1415	1407	1395	1392	1392	1184	1166	**1199**	2.8%	1.6%
S. & Cent. America	4918	5009	5401	5378	5334	5456	5363	4889	4834	5047	**4624**	-8.4%	6.1%
Europe & Eurasia	19431	19920	20371	20736	20783	20716	20635	19509	19595	19507	**19459**	-0.2%	25.5%
Middle East	5484	5602	5796	6008	6300	6397	6396	6297	6396	6519	**6444**	-1.1%	8.5%
Africa	2377	2301	2304	2491	2372	2372	2456	2293	2449	2149	**2201**	2.4%	2.9%
Australasia	855	823	820	757	749	767	756	762	756	789	**779**	-1.2%	1.0%
China	4395	4823	5382	5916	6155	6563	6953	7488	8571	9059	**9371**	3.4%	12.3%
India	2212	2380	2559	2561	2860	3107	3213	3641	3899	4085	**4302**	5.3%	5.6%
Japan	3986	4118	4038	4136	4026	3995	3946	3627	3619	3410	**3400**	-0.3%	4.5%
Other Asia Pacific	6638	6886	7355	7474	7469	7493	7351	7229	7434	7486	**7652**	2.2%	10.0%
Total World	**68496**	**70482**	**72893**	**73976**	**74533**	**75325**	**74949**	**73234**	**75293**	**75757**	**76233**	**0.6%**	**100.0%**
of which: OECD	39017	39814	40368	40166	39980	39720	38791	36975	37242	36926	**37087**	0.4%	48.6%
Non-OECD	29479	30667	32526	33809	34553	35605	36159	36260	38051	38831	**39146**	0.8%	51.4%
European Union	13443	13687	14029	14105	13945	13705	13595	12586	12514	12206	**12049**	-1.3%	15.8%
Former Soviet Union	5060	5276	5417	5713	5873	6017	6188	6170	6367	6565	**6665**	1.5%	8.7%

*Input to primary distillation units only.
Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

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

Refinery utilization

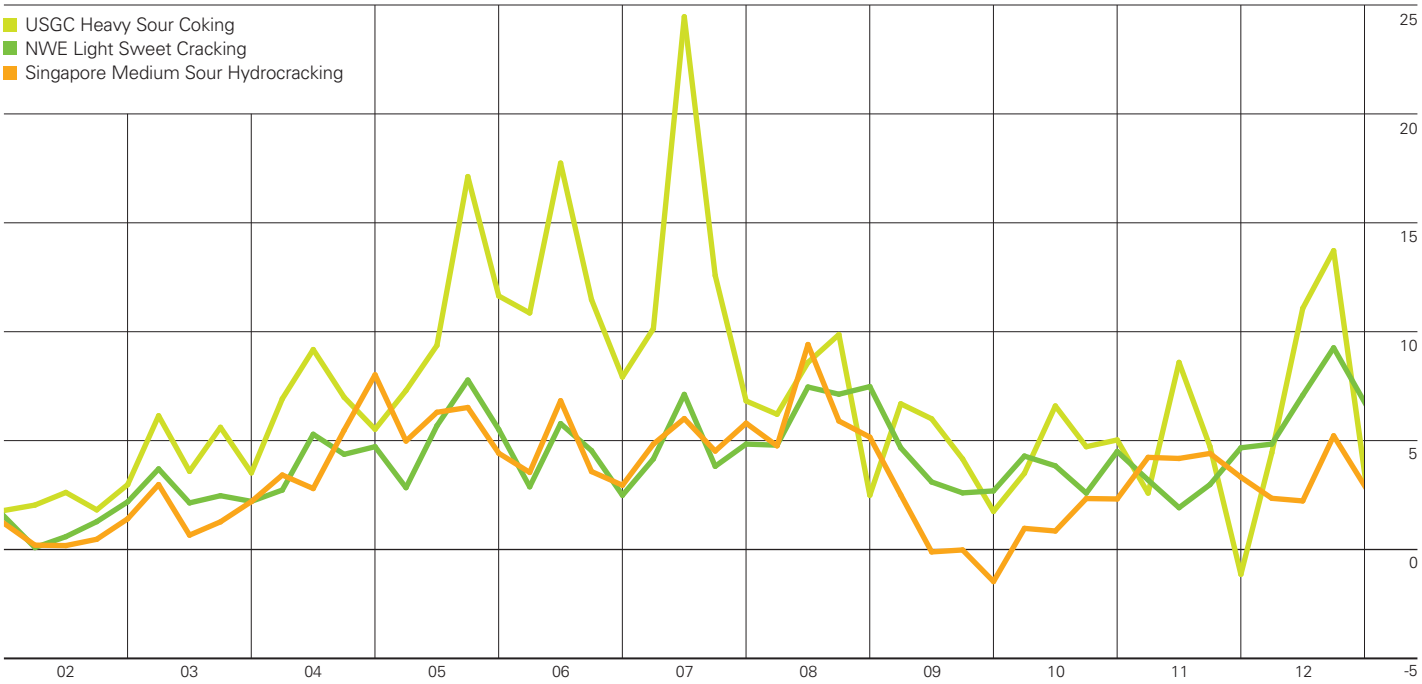
Percentage



Global crude runs grew by 0.5 million b/d in 2012, with increases in China, India and the US more than offsetting declines in Europe and South & Central America. Global refining capacity growth of a net 0.4 million b/d masks large additions in Asia Pacific and significant capacity reductions in Europe and the Caribbean. Global average refinery utilization improved marginally to 82.4%, the highest since 2008.

Regional refining margins

US dollars per barrel



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

Trade movements

Thousand barrels daily	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
Imports													
US	11357	12254	12898	13525	13612	13632	12872	11453	11689	11338	**10587**	-6.6%	19.1%
Europe	11895	11993	12538	13261	13461	13953	13751	12486	12094	12208	**12488**	2.3%	22.6%
Japan	5070	5314	5203	5225	5201	5032	4925	4263	4567	4494	**4743**	5.5%	8.6%
Rest of World	16291	17191	18651	19172	20287	22937	23078	24132	25160	26570	**27496**	3.5%	49.7%
Total World	**44613**	**46752**	**49290**	**51182**	**52561**	**55554**	**54626**	**52333**	**53510**	**54610**	**55314**	**1.3%**	**100.0%**
Exports													
US	904	921	991	1129	1317	1439	1967	1947	2154	2497	**2680**	7.3%	4.8%
Canada	1959	2096	2148	2201	2330	2457	2498	2518	2599	2798	**3056**	9.2%	5.5%
Mexico	1966	2115	2070	2065	2102	1975	1609	1449	1539	1487	**1366**	-8.2%	2.5%
S. & Cent. America	2965	2942	3233	3528	3681	3570	3616	3748	3568	3764	**3834**	1.8%	6.9%
Europe	2234	2066	1993	2149	2173	2273	2023	2034	1888	2053	**2174**	5.9%	3.9%
Former Soviet Union	5370	6003	6440	7076	7155	8334	8184	7972	8544	8791	**8597**	-2.2%	15.5%
Middle East	18062	18943	19630	19821	20204	19680	20128	18409	18883	19753	**19699**	-0.3%	35.6%
North Africa	2620	2715	2917	3070	3225	3336	3260	2938	2871	1949	**2604**	33.6%	4.7%
West Africa	3134	3612	4048	4358	4704	4830	4587	4364	4601	4654	**4564**	-1.9%	8.3%
Asia Pacific†	3848	3978	4189	4243	4312	6004	5392	5631	6226	6217	**6419**	3.2%	11.6%
Rest of World	1551	1361	1631	1542	1359	1656	1363	1323	637	646	**322**	-50.2%	0.6%
Total World	**44613**	**46752**	**49290**	**51182**	**52561**	**55554**	**54626**	**52333**	**53510**	**54610**	**55314**	**1.3%**	**100.0%**

†Excludes Japan. Excludes trade between other Asia Pacific countries and India prior to 2007.
North and West African exports excludes intra-Africa trade.
Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

Inter-area movements 2012

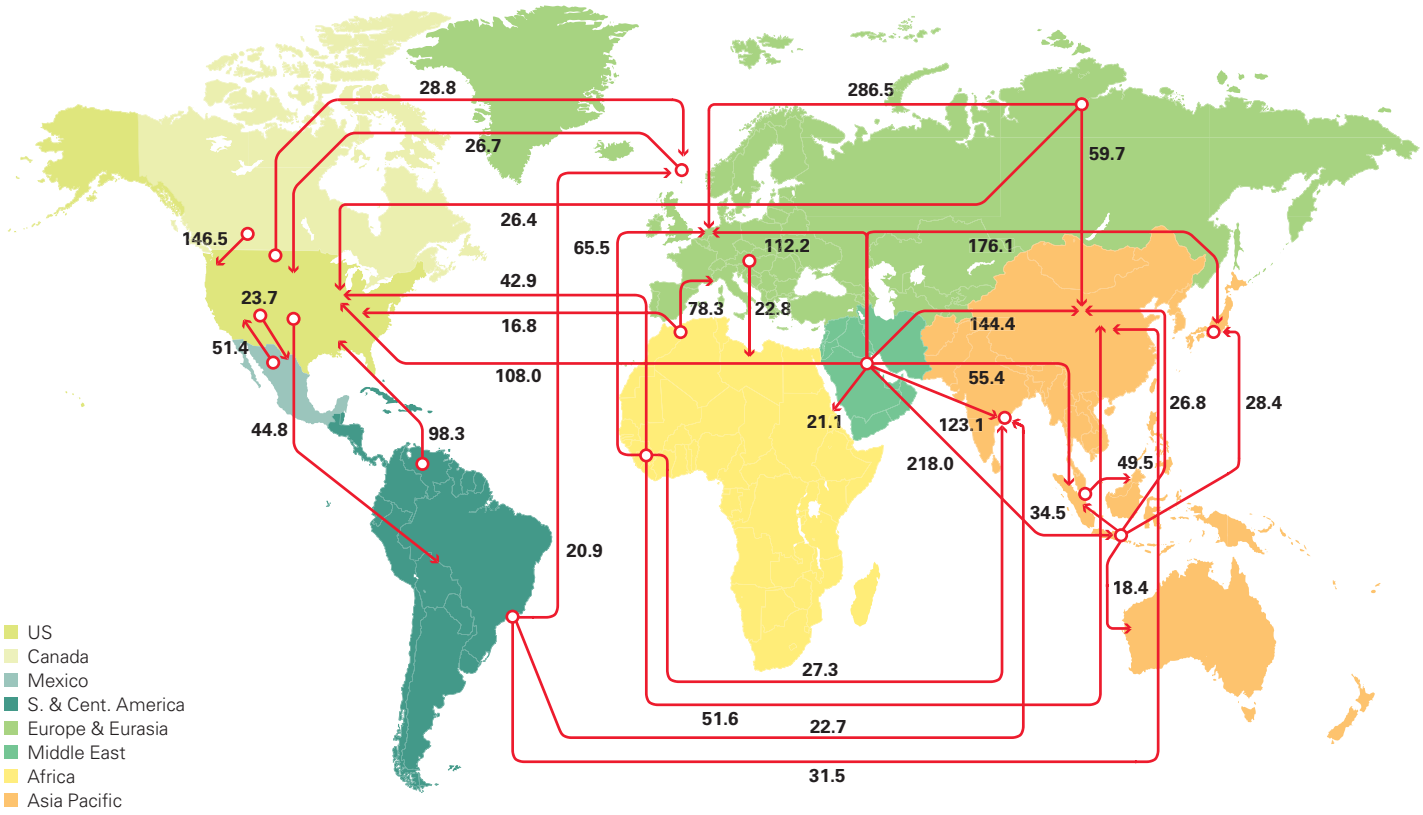
Million tonnes **From** \ **To**	US	Canada	Mexico	S. & Cent. America	Europe	Africa	Austral-asia	China	India	Japan	Singapore	Other Asia Pacific	Rest of World	**Total**
US	–	7.8	23.7	44.8	28.8	3.7	0.2	6.0	0.9	4.9	5.8	0.9	1.0	**128.6**
Canada	146.5	–	–	0.2	2.7	†	†	1.5	†	0.6	†	†	–	**151.4**
Mexico	51.4	1.2	–	1.0	9.4	–	–	1.1	3.8	†	0.1	0.1	–	**68.1**
S. & Cent. America	98.3	0.7	0.7	–	20.9	0.4	–	31.5	22.7	1.6	10.9	2.2	0.1	**190.1**
Europe	26.7	6.1	2.6	8.0	–	22.8	0.2	1.0	0.3	0.9	10.8	13.7	12.0	**105.0**
Former Soviet Union	26.4	0.2	–	1.3	286.5	3.1	1.3	59.7	2.5	9.3	6.8	17.0	10.2	**424.3**
Middle East	108.0	7.7	0.6	6.1	112.2	21.1	6.6	144.4	123.1	176.1	55.4	218.0	0.3	**979.6**
North Africa	16.8	7.5	–	4.3	78.3	–	1.3	11.0	4.5	0.9	0.4	3.4	0.8	**129.1**
West Africa	42.9	4.2	–	9.6	65.5	–	5.9	51.6	27.3	4.9	0.1	15.5	–	**227.4**
East & Southern Africa	0.1	–	–	0.4	†	–	†	3.0	0.2	0.6	0.6	0.1	–	**5.0**
Australasia	0.3	–	–	0.4	†	†	–	7.7	0.2	3.0	2.6	7.2	†	**21.4**
China	0.2	0.1	–	5.5	0.6	1.0	†	–	0.5	0.5	2.5	14.9	1.3	**27.1**
India	1.9	0.1	–	4.3	8.1	8.5	0.2	0.5	–	2.9	10.1	11.9	16.3	**64.7**
Japan	–	0.1	0.1	0.1	0.1	–	1.6	1.8	0.1	–	3.4	3.2	†	**10.6**
Singapore	0.1	0.1	–	0.1	1.1	0.6	11.2	6.7	1.5	0.4	–	49.5	0.3	**71.5**
Other Asia Pacific	5.2	–	0.1	1.2	3.4	1.2	18.4	26.8	5.1	28.4	34.5	–	1.0	**125.3**
Total imports	**524.5**	**35.8**	**27.9**	**87.3**	**617.7**	**62.4**	**46.9**	**354.2**	**192.6**	**234.9**	**144.0**	**357.6**	**43.4**	**2729.1**

Thousand barrels daily **From**														
US	–	162	495	934	601	77	4	125	18	102	122	19	22	**2680**
Canada	2955	–	–	4	55	‡	‡	30	‡	13	‡	‡	–	**3056**
Mexico	1031	25	–	21	188	–	–	22	75	‡	2	1	–	**1366**
S. & Cent. America	1978	14	14	–	424	7	–	636	455	33	226	45	1	**3834**
Europe	555	123	54	165	–	473	4	21	6	18	225	279	251	**2174**
Former Soviet Union	545	5	–	27	5792	64	25	1215	49	187	141	342	205	**8597**
Middle East	2163	155	12	124	2261	425	133	2900	2474	3543	1119	4385	6	**19699**
North Africa	341	149	–	88	1577	–	26	221	89	18	8	68	17	**2604**
West Africa	861	84	–	192	1313	–	119	1033	548	98	2	315	–	**4564**
East & Southern Africa	1	–	–	8	1	–	‡	59	4	12	12	2	–	**100**
Australasia	6	–	–	8	1	‡	–	157	5	60	53	145	1	**436**
China	3	2	–	115	13	21	1	–	10	10	52	311	26	**564**
India	40	2	–	89	169	177	3	11	–	60	210	248	340	**1349**
Japan	–	1	3	2	2	–	34	37	3	–	72	68	‡	**221**
Singapore	2	3	–	2	23	11	233	140	32	8	–	1031	6	**1491**
Other Asia Pacific	106	–	3	25	70	26	372	556	103	581	717	–	21	**2580**
Total imports	**10587**	**725**	**581**	**1803**	**12488**	**1281**	**954**	**7162**	**3871**	**4743**	**2963**	**7259**	**896**	**55314**

†Less than 0.05.
‡Less than 0.5.

Major trade movements 2012

Trade flows worldwide (million tonnes)



Imports and exports 2012

	Million tonnes				Thousand barrels daily			
	Crude imports	Product imports	Crude exports	Product exports	Crude imports	Product imports	Crude exports	Product exports
US	424.0	100.5	1.1	127.5	8491	2096	23	2657
Canada	25.7	10.1	121.7	29.7	514	211	2437	619
Mexico	†	27.9	64.4	3.7	‡	581	1290	76
S. & Cent. America	19.6	67.7	156.9	33.1	392	1411	3143	691
Europe	474.9	142.8	19.1	85.9	9512	2976	383	1791
Former Soviet Union	†	5.5	302.0	122.2	‡	114	6049	2548
Middle East	11.1	26.8	881.1	98.5	222	559	17646	2053
North Africa	9.3	15.0	106.8	22.3	186	312	2139	465
West Africa	†	11.4	216.1	11.3	‡	238	4328	235
East & Southern Africa	14.2	12.5	4.3	0.7	285	260	86	15
Australasia	28.7	18.2	13.6	7.9	575	379	272	164
China	271.3	83.0	1.3	25.8	5433	1729	26	538
India	177.1	15.5	†	64.7	3547	323	‡	1349
Japan	186.7	48.2	†	10.6	3739	1004	‡	221
Singapore	47.3	96.7	0.6	71.0	948	2016	12	1479
Other Asia Pacific	237.4	120.2	38.3	87.0	4755	2505	767	1813
Total World	**1927.3**	**801.8**	**1927.3**	**801.8**	**38599**	**16715**	**38599**	**16715**

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

Natural gas

Proved reserves

	At end 1992 Trillion cubic metres	At end 2002 Trillion cubic metres	At end 2011 Trillion cubic metres	At end 2012 Trillion cubic feet	At end 2012 Trillion cubic metres	At end 2012 Share of total	At end 2012 R/P ratio
US	4.7	5.3	8.8	**300.0**	**8.5**	4.5%	12.5
Canada	2.7	1.7	2.0	**70.0**	**2.0**	1.1%	12.7
Mexico	2.0	0.4	0.4	**12.7**	**0.4**	0.2%	6.2
Total North America	9.3	7.4	11.2	**382.7**	**10.8**	5.8%	12.1
Argentina	0.5	0.7	0.3	**11.3**	**0.3**	0.2%	8.5
Bolivia	0.1	0.8	0.3	**11.2**	**0.3**	0.2%	17.0
Brazil	0.1	0.2	0.5	**16.0**	**0.5**	0.2%	26.0
Colombia	0.2	0.1	0.2	**5.5**	**0.2**	0.1%	12.9
Peru	0.3	0.2	0.4	**12.7**	**0.4**	0.2%	27.9
Trinidad & Tobago	0.2	0.6	0.4	**13.3**	**0.4**	0.2%	8.9
Venezuela	3.7	4.2	5.5	**196.4**	**5.6**	3.0%	*
Other S. & Cent. America	0.2	0.1	0.1	**2.0**	**0.1**	◆	15.5
Total S. & Cent. America	5.4	7.0	7.5	**268.3**	**7.6**	4.1%	42.8
Azerbaijan	n/a	0.9	0.9	**31.5**	**0.9**	0.5%	57.1
Denmark	0.1	0.1	0.0	**1.3**	**0.0**	◆	5.9
Germany	0.2	0.2	0.1	**2.0**	**0.1**	◆	6.1
Italy	0.3	0.2	0.1	**1.9**	**0.1**	◆	7.0
Kazakhstan	n/a	1.3	1.3	**45.7**	**1.3**	0.7%	65.6
Netherlands	1.7	1.4	1.0	**36.7**	**1.0**	0.6%	16.3
Norway	1.4	2.1	2.1	**73.8**	**2.1**	1.1%	18.2
Poland	0.2	0.1	0.1	**4.2**	**0.1**	0.1%	28.3
Romania	0.5	0.3	0.1	**3.6**	**0.1**	0.1%	9.3
Russian Federation	n/a	29.8	32.9	**1162.5**	**32.9**	17.6%	55.6
Turkmenistan	n/a	2.3	17.5	**618.1**	**17.5**	9.3%	*
Ukraine	n/a	0.7	0.7	**22.7**	**0.6**	0.3%	34.6
United Kingdom	0.6	1.0	0.2	**8.7**	**0.2**	0.1%	6.0
Uzbekistan	n/a	1.2	1.1	**39.7**	**1.1**	0.6%	19.7
Other Europe & Eurasia	34.7	0.4	0.3	**10.1**	**0.3**	0.2%	29.2
Total Europe & Eurasia	39.6	42.1	58.4	**2062.5**	**58.4**	31.2%	56.4
Bahrain	0.2	0.1	0.2	**7.0**	**0.2**	0.1%	14.0
Iran	20.7	26.7	33.6	**1187.3**	**33.6**	18.0%	*
Iraq	3.1	3.2	3.6	**126.7**	**3.6**	1.9%	*
Kuwait	1.5	1.6	1.8	**63.0**	**1.8**	1.0%	*
Oman	0.2	0.9	0.9	**33.5**	**0.9**	0.5%	32.8
Qatar	6.7	25.8	25.0	**885.1**	**25.1**	13.4%	*
Saudi Arabia	5.2	6.6	8.2	**290.8**	**8.2**	4.4%	80.1
Syria	0.2	0.3	0.3	**10.1**	**0.3**	0.2%	37.5
United Arab Emirates	5.8	6.1	6.1	**215.1**	**6.1**	3.3%	*
Yemen	0.4	0.5	0.5	**16.9**	**0.5**	0.3%	63.1
Other Middle East	0.0	0.1	0.2	**7.3**	**0.2**	0.1%	78.0
Total Middle East	44.0	71.8	80.4	**2842.9**	**80.5**	43.0%	*
Algeria	3.7	4.5	4.5	**159.1**	**4.5**	2.4%	55.3
Egypt	0.4	1.7	2.2	**72.0**	**2.0**	1.1%	33.5
Libya	1.3	1.5	1.5	**54.6**	**1.5**	0.8%	*
Nigeria	3.7	5.0	5.2	**182.0**	**5.2**	2.8%	*
Other Africa	0.8	1.1	1.3	**44.3**	**1.3**	0.7%	68.1
Total Africa	9.9	13.8	14.7	**512.0**	**14.5**	7.7%	67.1
Australia	1.0	2.5	3.8	**132.8**	**3.8**	2.0%	76.6
Bangladesh	0.3	0.3	0.3	**6.5**	**0.2**	0.1%	8.4
Brunei	0.4	0.3	0.3	**10.2**	**0.3**	0.2%	22.9
China	1.4	1.3	3.1	**109.3**	**3.1**	1.7%	28.9
India	0.7	0.8	1.3	**47.0**	**1.3**	0.7%	33.1
Indonesia	1.8	2.6	3.0	**103.3**	**2.9**	1.6%	41.2
Malaysia	1.7	2.5	1.2	**46.8**	**1.3**	0.7%	20.3
Myanmar	0.3	0.4	0.2	**7.8**	**0.2**	0.1%	17.4
Pakistan	0.6	0.8	0.7	**22.7**	**0.6**	0.3%	15.5
Papua New Guinea	0.4	0.4	0.4	**15.6**	**0.4**	0.2%	*
Thailand	0.2	0.4	0.3	**10.1**	**0.3**	0.2%	6.9
Vietnam	0.1	0.2	0.6	**21.8**	**0.6**	0.3%	65.6
Other Asia Pacific	0.3	0.4	0.3	**11.8**	**0.3**	0.2%	18.6
Total Asia Pacific	9.4	13.0	15.5	**545.6**	**15.5**	8.2%	31.5
Total World	**117.6**	**154.9**	**187.8**	**6614.1**	**187.3**	**100.0%**	**55.7**
of which: OECD	15.2	15.4	19.0	**658.4**	**18.6**	10.0%	15.4
Non-OECD	102.4	139.5	168.8	**5955.7**	**168.6**	90.0%	78.4
European Union	3.8	3.4	1.8	**61.7**	**1.7**	0.9%	11.7
Former Soviet Union	34.3	36.4	54.5	**1924.1**	**54.5**	29.1%	71.0

*More than 100 years.
◆Less than 0.05%.
n/a not available.

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

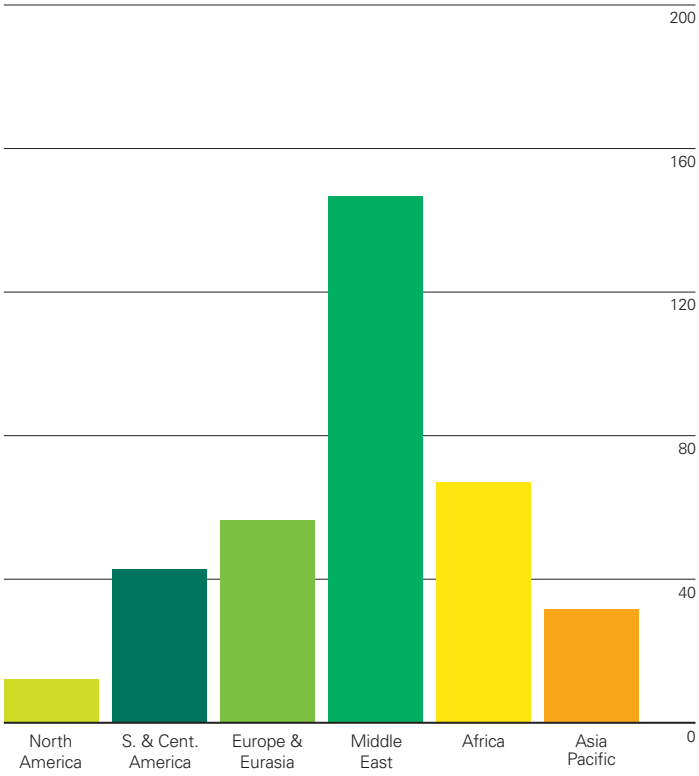
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

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

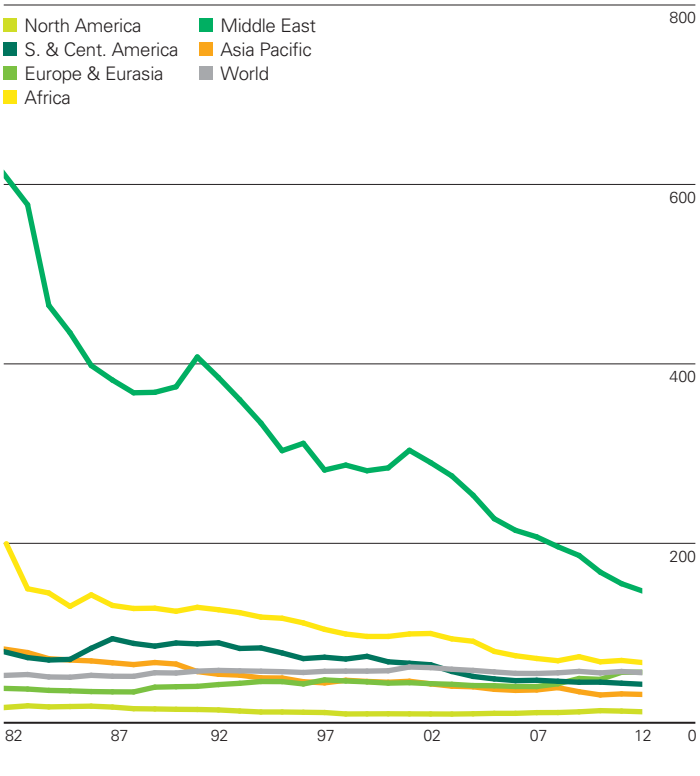
Reserves-to-production (R/P) ratios

Years

2012 by region



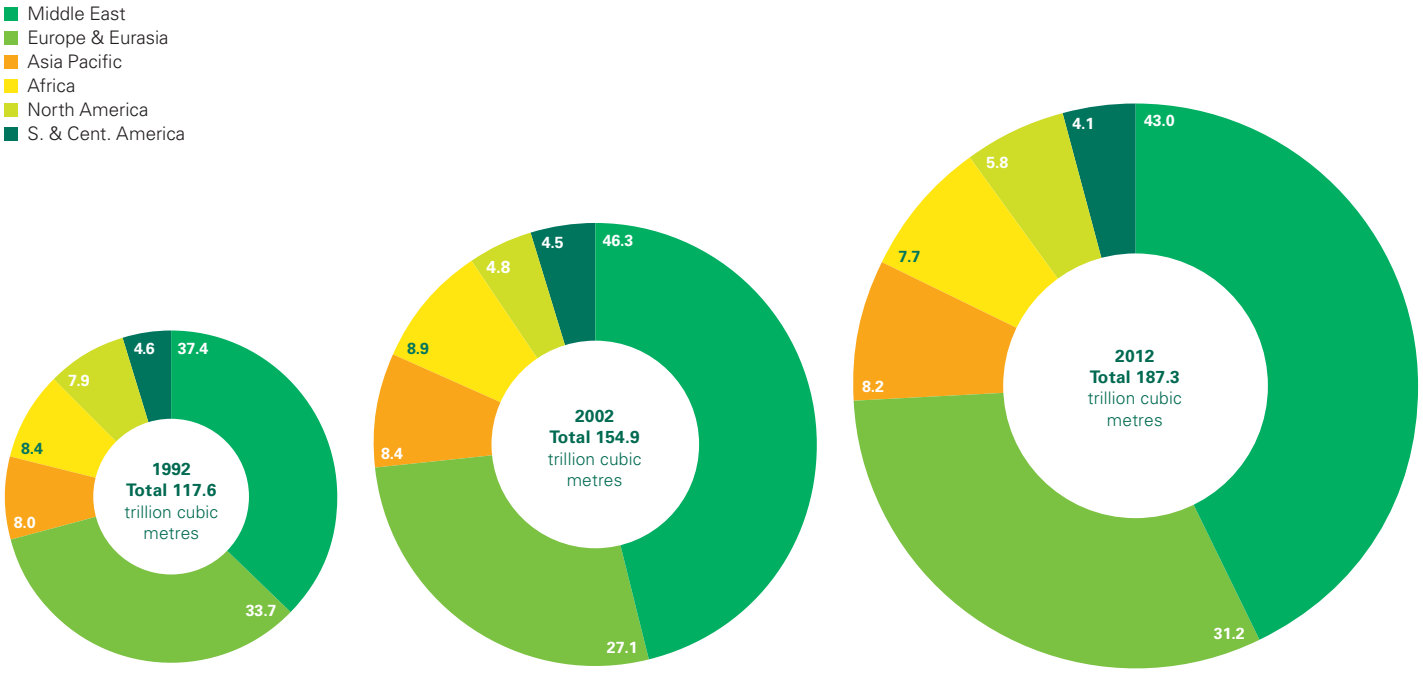
History



World proved natural gas reserves at end-2012 stood at 187.3 trillion cubic metres, sufficient to meet 55.7 years of global production. Proved reserves declined by 0.3% relative to end-2011 data, the first annual decline in our data set. Revisions were made to the earlier published estimates for proved reserves in the Former Soviet Union (FSU) countries, which lowered the FSU R/P ratio to 71 years, from 96.3 years at end-2011 in last year's edition.

Distribution of proved reserves in 1992, 2002 and 2012

Percentage



Production*

Billion cubic metres	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	536.0	540.8	526.4	511.1	524.0	545.6	570.8	584.0	603.6	648.5	**681.4**	4.7%	20.4%
Canada	187.9	184.7	183.7	187.1	188.4	182.7	176.6	164.0	159.9	159.7	**156.5**	-2.3%	4.6%
Mexico	39.7	41.7	43.4	52.3	57.3	53.7	53.4	59.4	57.6	58.3	**58.5**	0.1%	1.7%
Total North America	763.6	767.2	753.6	750.6	769.7	781.9	800.8	807.4	821.1	866.5	**896.4**	3.1%	26.8%
Argentina	36.1	41.0	44.9	45.6	46.1	44.8	44.1	41.4	40.1	38.8	**37.7**	-3.0%	1.1%
Bolivia	4.9	6.4	9.8	11.9	12.9	13.8	14.3	12.3	14.2	16.5	**18.7**	13.4%	0.6%
Brazil	9.2	10.0	11.0	10.9	11.2	11.2	14.0	11.7	14.4	16.7	**17.4**	3.7%	0.5%
Colombia	6.2	6.1	6.4	6.7	7.0	7.5	9.1	10.5	11.3	11.0	**12.0**	9.0%	0.4%
Peru	0.4	0.5	0.9	1.5	1.8	2.7	3.4	3.5	7.2	11.3	**12.9**	13.7%	0.4%
Trinidad & Tobago	19.3	27.0	30.2	33.0	40.1	42.2	42.0	43.6	44.8	42.9	**42.2**	-1.8%	1.3%
Venezuela	28.4	25.2	28.4	27.4	31.5	29.5	30.0	28.7	31.0	31.3	**32.8**	4.7%	1.0%
Other S. & Cent. America	3.3	3.1	3.1	3.4	3.8	3.9	3.7	4.2	3.6	3.1	**3.6**	14.4%	0.1%
Total S. & Cent. America	107.9	119.4	134.7	140.5	154.3	155.7	160.4	155.9	166.6	171.5	**177.3**	3.1%	5.3%
Azerbaijan	4.7	4.6	4.5	5.2	6.1	9.8	14.8	14.8	15.1	14.8	**15.6**	5.1%	0.5%
Denmark	8.4	8.0	9.4	10.4	10.4	9.2	10.1	8.4	8.2	7.1	**6.4**	-9.4%	0.2%
Germany	17.0	17.7	16.4	15.8	15.6	14.3	13.0	12.2	10.6	10.0	**9.0**	-9.8%	0.3%
Italy	13.4	12.7	11.9	11.1	10.1	8.9	8.5	7.3	7.6	7.7	**7.8**	1.7%	0.2%
Kazakhstan	9.1	11.9	13.1	13.5	13.9	16.7	18.7	17.8	17.6	19.3	**19.7**	2.0%	0.6%
Netherlands	60.3	58.1	68.5	62.5	61.6	60.5	66.6	62.7	70.5	64.2	**63.9**	-0.8%	1.9%
Norway	65.5	73.1	78.6	85.1	87.9	89.7	99.3	104.8	107.7	101.7	**114.9**	12.6%	3.4%
Poland	4.0	4.0	4.4	4.3	4.3	4.3	4.1	4.1	4.1	4.3	**4.2**	-1.1%	0.1%
Romania	13.2	13.0	12.8	12.4	11.9	11.5	11.4	11.3	10.9	10.9	**10.9**	◆	0.3%
Russian Federation	538.8	561.5	573.3	580.1	595.2	592.0	601.7	527.7	588.9	607.0	**592.3**	-2.7%	17.6%
Turkmenistan	48.4	53.5	52.8	57.0	60.4	65.4	66.1	36.4	42.4	59.5	**64.4**	7.8%	1.9%
Ukraine	17.0	17.6	18.4	18.6	18.7	18.7	19.0	19.2	18.1	18.6	**18.6**	-0.8%	0.6%
United Kingdom	103.6	102.9	96.4	88.2	80.0	72.1	73.5	62.4	59.7	47.6	**41.0**	-14.1%	1.2%
Uzbekistan	51.9	52.0	54.2	54.0	54.5	59.1	62.2	60.0	59.6	57.0	**56.9**	-0.4%	1.7%
Other Europe & Eurasia	11.2	10.6	11.0	10.9	11.5	10.8	10.3	9.7	10.2	10.2	**9.8**	-4.3%	0.3%
Total Europe & Eurasia	966.5	1001.2	1025.5	1029.1	1042.1	1043.2	1079.3	958.8	1031.2	1039.9	**1035.4**	-0.7%	30.7%
Bahrain	9.5	9.6	9.8	10.7	11.3	11.8	12.7	12.8	13.1	13.3	**14.2**	6.9%	0.4%
Iran	75.0	81.5	84.9	103.5	108.6	111.9	116.3	131.2	146.2	151.8	**160.5**	5.4%	4.8%
Iraq	2.4	1.6	1.0	1.5	1.5	1.5	1.9	1.2	1.3	0.9	**0.8**	-9.3%	◆
Kuwait	9.5	11.0	11.9	12.2	12.5	12.1	12.8	11.5	11.7	13.5	**14.5**	7.2%	0.4%
Oman	15.0	16.5	18.5	19.8	23.7	24.0	24.1	24.8	27.1	26.5	**29.0**	8.9%	0.9%
Qatar	29.5	31.4	39.2	45.8	50.7	63.2	77.0	89.3	116.7	145.3	**157.0**	7.8%	4.7%
Saudi Arabia	56.7	60.1	65.7	71.2	73.5	74.4	80.4	78.5	87.7	92.3	**102.8**	11.1%	3.0%
Syria	6.1	6.2	6.4	5.5	5.6	5.6	5.3	5.6	8.0	8.7	**7.6**	-13.4%	0.2%
United Arab Emirates	43.4	44.8	46.3	47.8	49.0	50.3	50.2	48.8	51.3	52.3	**51.7**	-1.5%	1.5%
Yemen	–	–	–	–	–	–	–	0.8	6.2	9.6	**7.6**	-21.3%	0.2%
Other Middle East	0.3	0.3	1.5	1.9	2.6	3.0	3.6	3.0	3.4	4.4	**2.7**	-40.1%	0.1%
Total Middle East	247.2	262.9	285.1	319.9	339.0	357.8	384.2	407.3	472.7	518.7	**548.4**	5.4%	16.3%
Algeria	80.4	82.8	82.0	88.2	84.5	84.8	85.8	79.6	80.4	82.7	**81.5**	-1.7%	2.4%
Egypt	27.3	30.1	33.0	42.5	54.7	55.7	59.0	62.7	61.3	61.4	**60.9**	-1.2%	1.8%
Libya	5.9	5.5	8.1	11.3	13.2	15.3	15.9	15.9	16.8	7.9	**12.2**	54.8%	0.4%
Nigeria	18.0	22.5	24.5	25.0	29.7	36.0	35.7	26.0	37.3	40.6	**43.2**	6.2%	1.3%
Other Africa	6.6	7.2	8.9	9.9	10.4	12.3	15.8	16.3	18.4	18.6	**18.4**	-1.0%	0.5%
Total Africa	138.2	148.2	156.4	177.0	192.5	204.1	212.2	200.4	214.3	211.2	**216.2**	2.1%	6.4%
Australia	32.6	33.2	35.3	37.1	38.9	40.0	38.3	42.3	45.6	45.0	**49.0**	8.8%	1.5%
Bangladesh	11.4	12.3	12.8	13.8	15.1	15.9	17.0	18.5	19.9	20.1	**21.8**	8.2%	0.6%
Brunei	11.5	12.4	12.2	12.0	12.6	12.3	12.2	11.4	12.3	12.8	**12.6**	-2.1%	0.4%
China	32.7	35.0	41.5	49.3	58.6	69.2	80.3	85.3	94.8	102.7	**107.2**	4.1%	3.2%
India	27.6	29.5	29.2	29.6	29.3	30.1	30.5	39.2	50.8	46.1	**40.2**	-13.1%	1.2%
Indonesia	69.7	73.2	70.3	71.2	70.3	67.6	69.7	71.9	82.0	75.9	**71.1**	-6.6%	2.1%
Malaysia	48.3	51.8	53.9	61.1	63.3	64.6	64.7	63.4	65.2	65.3	**65.2**	-0.3%	1.9%
Myanmar	8.4	9.6	10.2	12.2	12.6	13.5	12.4	11.6	12.4	12.8	**12.7**	-0.6%	0.4%
Pakistan	24.6	30.4	34.5	35.5	36.1	36.8	37.5	38.4	39.6	39.2	**41.5**	5.6%	1.2%
Thailand	20.5	21.5	22.4	23.7	24.3	26.0	28.8	30.9	36.3	37.0	**41.4**	11.5%	1.2%
Vietnam	2.4	2.4	4.2	6.4	7.0	7.1	7.5	8.0	9.4	8.5	**9.4**	10.6%	0.3%
Other Asia Pacific	10.8	10.6	10.0	11.0	14.6	17.4	18.3	18.6	18.1	18.4	**18.1**	-1.9%	0.5%
Total Asia Pacific	300.5	322.0	336.4	363.0	382.6	400.5	417.1	439.6	486.5	483.6	**490.2**	1.1%	14.5%
Total World	**2523.9**	**2620.7**	**2691.6**	**2780.0**	**2880.1**	**2943.2**	**3054.0**	**2969.3**	**3192.3**	**3291.3**	**3363.9**	**1.9%**	**100.0%**
of which: OECD	1087.2	1093.8	1092.2	1083.8	1097.7	1100.7	1134.1	1131.4	1155.2	1174.0	**1211.5**	2.9%	36.1%
Non-OECD	1436.8	1526.9	1599.3	1696.3	1782.4	1842.5	1919.9	1837.9	2037.1	2117.3	**2152.5**	1.4%	63.9%
European Union	227.6	223.6	227.3	212.0	201.3	187.5	193.3	174.3	177.8	157.9	**149.6**	-5.5%	4.4%
Former Soviet Union	670.2	701.4	716.6	728.7	749.0	762.0	782.7	676.0	741.9	776.5	**767.7**	-1.4%	22.8%

*Excluding gas flared or recycled.
◆Less than 0.05%.

Source: Includes data from Cedigaz.

Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013 mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor, they do not necessarily equate with gas volumes expressed in specific national terms.
Annual changes and shares of total are calculated using million tonnes of oil equivalent figures.
Natural gas production data expressed in billion cubic feet per day is available at *bp.com/statisticalreview*.
Growth rates are adjusted for leap years.

Consumption

Billion cubic metres	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	652.1	630.8	634.4	623.4	614.4	654.2	659.1	648.7	682.1	690.5	**722.1**	4.1%	21.9%
Canada	90.2	97.7	95.1	97.8	96.9	96.2	96.1	94.9	95.0	100.9	**100.7**	-0.4%	3.0%
Mexico	46.5	51.4	54.3	61.0	66.6	63.5	66.3	72.4	72.5	76.6	**83.7**	8.9%	2.5%
Total North America	788.7	779.9	783.8	782.2	778.0	813.9	821.5	816.1	849.6	868.0	**906.5**	4.0%	27.5%
Argentina	30.3	34.6	37.9	40.4	41.8	43.9	44.4	43.2	43.3	45.7	**47.3**	3.3%	1.4%
Brazil	14.1	15.8	18.8	19.6	20.6	21.2	24.9	20.1	26.8	26.7	**29.2**	8.9%	0.9%
Chile	7.4	8.0	8.7	8.4	7.8	4.6	2.7	3.1	5.3	5.4	**6.0**	11.7%	0.2%
Colombia	6.1	6.0	6.3	6.7	7.0	7.4	7.6	8.7	9.1	8.8	**9.8**	10.9%	0.3%
Ecuador	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.6	0.5	**0.7**	30.8%	◆
Peru	0.4	0.5	0.9	1.5	1.8	2.7	3.4	3.5	5.4	6.1	**7.5**	21.7%	0.2%
Trinidad & Tobago	12.0	13.4	14.8	16.3	21.2	21.9	21.3	22.2	23.2	23.1	**21.7**	-6.2%	0.7%
Venezuela	28.4	25.2	28.4	27.4	31.5	29.6	31.5	30.5	33.2	33.4	**34.9**	4.4%	1.1%
Other S. & Cent. America	2.4	3.1	3.0	3.3	3.9	4.5	4.7	5.0	5.4	6.7	**7.9**	18.4%	0.2%
Total S. & Cent. America	101.3	106.8	119.0	123.9	136.0	136.3	140.9	136.8	152.2	156.4	**165.1**	5.3%	5.0%
Austria	8.5	9.4	9.5	10.0	9.4	8.9	9.5	9.3	10.1	9.5	**9.0**	-4.8%	0.3%
Azerbaijan	7.5	7.7	8.3	8.6	9.1	8.0	9.2	7.8	7.4	8.1	**8.5**	3.7%	0.3%
Belarus	16.1	15.8	17.9	18.4	19.0	18.8	19.2	16.1	19.7	18.3	**18.6**	1.1%	0.6%
Belgium	14.9	16.0	16.2	16.4	16.7	16.6	16.5	16.8	18.8	16.6	**16.9**	1.7%	0.5%
Bulgaria	2.7	2.8	2.8	3.1	3.2	3.2	3.2	2.3	2.6	2.9	**2.7**	-7.1%	0.1%
Czech Republic	8.7	8.7	9.1	9.5	9.3	8.7	8.7	8.2	9.3	8.4	**8.2**	-2.9%	0.2%
Denmark	5.1	5.2	5.2	5.0	5.1	4.6	4.6	4.4	5.0	4.2	**3.9**	-6.9%	0.1%
Finland	4.0	4.5	4.3	4.0	4.2	3.9	4.0	3.6	3.9	3.4	**3.1**	-10.9%	0.1%
France	40.7	43.2	45.1	45.4	44.0	42.6	44.3	42.6	47.4	40.9	**42.5**	3.7%	1.3%
Germany	82.6	85.5	85.9	86.2	87.2	82.9	81.2	78.0	83.3	74.5	**75.2**	0.7%	2.3%
Greece	2.1	2.4	2.7	2.7	3.1	3.8	4.0	3.4	3.7	4.5	**4.2**	-7.9%	0.1%
Hungary	11.8	13.2	13.0	13.4	12.7	11.9	11.7	10.2	10.9	10.4	**9.7**	-6.5%	0.3%
Republic of Ireland	4.1	4.1	4.1	3.9	4.5	4.8	5.0	4.8	5.2	4.6	**4.5**	-3.2%	0.1%
Italy	64.6	71.2	73.9	79.1	77.4	77.8	77.8	71.5	76.1	71.3	**68.7**	-4.0%	2.1%
Kazakhstan	8.7	9.6	7.5	9.3	9.9	8.4	8.1	7.8	8.2	9.2	**9.5**	2.6%	0.3%
Lithuania	2.9	3.1	3.1	3.3	3.2	3.6	3.2	2.7	3.1	3.4	**3.3**	-2.6%	0.1%
Netherlands	39.8	40.0	40.9	39.3	38.1	37.0	38.6	38.9	43.6	38.1	**36.4**	-4.5%	1.1%
Norway	4.0	4.3	4.6	4.5	4.4	4.3	4.3	4.1	4.1	4.3	**4.3**	-1.0%	0.1%
Poland	11.2	12.5	13.2	13.6	13.7	13.8	14.9	14.4	15.5	15.7	**16.6**	5.1%	0.5%
Portugal	3.1	3.0	3.8	4.2	4.1	4.3	4.7	4.7	5.1	5.2	**4.7**	-9.8%	0.1%
Romania	17.2	18.3	17.5	17.6	18.1	16.1	15.9	13.3	13.6	13.9	**13.5**	-3.5%	0.4%
Russian Federation	370.7	379.5	389.3	394.0	415.0	422.0	416.0	389.6	414.1	424.6	**416.2**	-2.2%	12.5%
Slovakia	6.5	6.3	6.1	6.6	6.0	5.7	5.7	4.9	5.6	5.2	**6.0**	15.8%	0.2%
Spain	20.8	23.6	27.4	32.4	33.7	35.1	38.6	34.6	34.6	32.2	**31.4**	-2.8%	0.9%
Sweden	0.8	0.8	0.8	0.8	0.9	1.0	0.9	1.1	1.6	1.3	**1.1**	-12.8%	◆
Switzerland	2.8	2.9	3.0	3.1	3.0	2.9	3.1	3.0	3.3	3.0	**3.2**	7.6%	0.1%
Turkey	17.4	20.9	22.1	26.9	30.5	36.1	37.5	35.7	39.0	45.7	**46.3**	0.9%	1.4%
Turkmenistan	12.9	14.2	15.0	16.1	18.4	21.3	20.5	19.9	22.6	25.0	**23.3**	-7.1%	0.7%
Ukraine	67.7	69.0	68.5	69.0	67.0	63.2	60.0	47.0	52.1	53.7	**49.6**	-7.8%	1.5%
United Kingdom	95.1	95.4	97.4	95.0	90.1	91.1	99.3	91.2	99.2	82.8	**78.3**	-5.7%	2.4%
Uzbekistan	50.9	45.8	43.4	42.7	41.9	45.9	48.7	43.5	45.5	49.1	**47.9**	-2.8%	1.4%
Other Europe & Eurasia	14.8	14.8	16.5	16.7	17.3	17.8	17.0	14.0	15.1	15.7	**16.1**	1.9%	0.5%
Total Europe & Eurasia	1020.6	1053.9	1078.0	1100.5	1120.2	1125.9	1136.3	1049.5	1129.6	1105.8	**1083.3**	-2.3%	32.6%
Iran	79.2	82.9	86.5	105.0	108.7	113.0	119.3	131.4	144.6	153.5	**156.1**	1.4%	4.7%
Israel	†	†	1.2	1.7	2.3	2.8	4.1	4.5	5.3	5.0	**2.6**	-48.1%	0.1%
Kuwait	9.5	11.0	11.9	12.2	12.5	12.1	12.8	12.4	14.5	17.0	**17.2**	0.9%	0.5%
Qatar	11.1	12.2	15.0	18.7	19.6	19.3	19.3	20.0	19.9	21.9	**26.2**	18.9%	0.8%
Saudi Arabia	56.7	60.1	65.7	71.2	73.5	74.4	80.4	78.5	87.7	92.3	**102.8**	11.1%	3.1%
United Arab Emirates	36.4	37.9	40.2	42.1	43.4	49.2	59.5	59.1	60.8	62.5	**62.9**	0.4%	1.9%
Other Middle East	24.6	25.0	26.5	28.4	31.5	32.4	36.5	38.9	44.0	42.6	**44.0**	3.1%	1.3%
Total Middle East	217.6	229.0	247.1	279.2	291.5	303.2	331.9	344.6	376.8	394.7	**411.8**	4.0%	12.4%
Algeria	20.2	21.4	22.0	23.2	23.7	24.3	25.4	27.2	26.3	27.8	**30.9**	10.8%	0.9%
Egypt	26.5	29.7	31.7	31.6	36.5	38.4	40.8	42.5	45.1	49.6	**52.6**	5.7%	1.6%
South Africa	1.0	1.0	2.1	3.1	3.5	3.5	3.7	3.4	3.9	3.9	**3.8**	-4.6%	0.1%
Other Africa	21.8	22.7	25.4	27.6	25.7	29.3	30.9	26.9	32.4	32.6	**35.5**	8.8%	1.1%
Total Africa	69.6	74.8	81.2	85.6	89.4	95.4	100.8	100.1	107.8	114.0	**122.8**	7.5%	3.7%
Australia	22.4	22.4	22.8	22.2	24.4	26.6	25.5	25.2	25.7	25.6	**25.4**	-0.9%	0.8%
Bangladesh	11.4	12.3	12.8	13.8	15.1	15.9	17.0	18.5	19.9	20.1	**21.8**	8.2%	0.7%
China	29.2	33.9	39.7	46.8	56.1	70.5	81.3	89.5	106.9	130.5	**143.8**	9.9%	4.3%
China Hong Kong SAR	2.9	1.8	2.7	2.7	2.9	2.7	3.2	3.1	3.8	3.1	**2.8**	-8.2%	0.1%
India	27.6	29.5	31.9	35.7	37.3	40.1	41.3	51.0	61.9	61.1	**54.6**	-11.0%	1.6%
Indonesia	32.9	35.0	32.2	33.2	33.2	31.3	33.3	37.4	40.3	37.3	**35.8**	-4.2%	1.1%
Japan	72.7	79.8	77.0	78.6	83.7	90.2	93.7	87.4	94.5	105.5	**116.7**	10.3%	3.5%
Malaysia	26.2	27.3	24.7	31.4	33.7	33.4	33.8	33.0	34.5	32.0	**33.3**	3.9%	1.0%
New Zealand	5.6	4.3	3.9	3.6	3.7	4.1	3.8	4.0	4.3	3.9	**4.2**	8.8%	0.1%
Pakistan	24.6	30.4	34.5	35.5	36.1	36.8	37.5	38.4	39.6	39.2	**41.5**	5.6%	1.2%
Philippines	1.8	2.7	2.5	3.3	2.7	3.3	3.4	3.5	3.3	3.6	**3.4**	-4.3%	0.1%
Singapore	3.6	4.0	5.0	6.8	7.1	8.6	8.2	8.1	8.4	8.8	**8.3**	-5.5%	0.3%
South Korea	23.1	24.2	28.4	30.4	32.0	34.7	35.7	33.9	43.0	46.3	**50.0**	7.8%	1.5%
Taiwan	7.4	7.7	9.3	9.4	10.1	10.7	11.6	11.3	14.1	15.5	**16.3**	4.7%	0.5%
Thailand	26.9	28.6	29.9	32.5	33.3	35.4	37.4	39.2	45.1	46.6	**51.2**	9.6%	1.5%
Vietnam	2.4	2.4	4.2	6.4	7.0	7.1	7.5	8.0	9.4	8.5	**9.4**	10.6%	0.3%
Other Asia Pacific	3.6	4.2	4.5	5.2	5.5	6.0	5.7	5.2	5.7	6.2	**6.3**	1.1%	0.2%
Total Asia Pacific	324.3	350.5	365.8	397.4	424.0	457.3	480.0	496.7	560.4	593.6	**625.0**	5.0%	18.8%
Total World	**2522.1**	**2595.0**	**2674.9**	**2768.9**	**2839.0**	**2932.1**	**3011.5**	**2943.9**	**3176.3**	**3232.4**	**3314.4**	**2.2%**	**100.0%**
of which: OECD	1371.4	1394.9	1417.1	1431.9	1433.3	1477.7	1505.4	1462.6	1556.2	1544.0	**1588.3**	2.5%	48.0%
Non-OECD	1150.7	1200.1	1257.8	1337.0	1405.7	1454.4	1506.1	1481.3	1620.1	1688.4	**1726.1**	2.0%	52.0%
European Union	451.7	473.9	486.7	496.1	489.7	482.1	497.3	465.1	502.9	453.1	**443.9**	-2.3%	13.4%
Former Soviet Union	544.7	552.0	561.2	570.2	592.6	600.4	593.6	541.2	579.7	599.2	**584.9**	-2.6%	17.6%

†Less than 0.05.
◆Less than 0.05%.

Source: Includes data from Cedigaz.

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 production data expressed in billion cubic feet per day is available at bp.com/statisticalreview.
Growth rates are adjusted for leap years.

Production*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	489.9	494.8	480.7	467.6	479.3	498.6	521.7	532.7	549.5	589.8	**619.2**	4.7%	20.4%
Canada	169.1	166.2	165.3	168.4	169.6	164.4	158.9	147.6	143.9	143.7	**140.9**	-2.3%	4.6%
Mexico	35.8	37.5	39.1	47.1	51.6	48.3	48.0	53.4	51.8	52.4	**52.6**	0.1%	1.7%
Total North America	694.7	698.5	685.1	683.1	700.5	711.3	728.6	733.7	745.2	786.0	**812.7**	3.1%	26.8%
Argentina	32.5	36.9	40.4	41.1	41.5	40.3	39.7	37.2	36.1	34.9	**34.0**	-3.0%	1.1%
Bolivia	4.4	5.7	8.8	10.7	11.6	12.4	12.9	11.1	12.8	14.8	**16.8**	13.4%	0.6%
Brazil	8.3	9.0	9.9	9.8	10.0	10.1	12.6	10.5	13.0	15.1	**15.7**	3.7%	0.5%
Colombia	5.6	5.5	5.7	6.0	6.3	6.8	8.2	9.5	10.1	9.9	**10.8**	9.0%	0.4%
Peru	0.4	0.5	0.8	1.4	1.6	2.4	3.1	3.1	6.5	10.2	**11.6**	13.7%	0.4%
Trinidad & Tobago	17.3	24.3	27.2	29.7	36.1	38.0	37.8	39.3	40.3	38.6	**38.0**	-1.8%	1.3%
Venezuela	25.6	22.7	25.6	24.7	28.3	26.6	27.0	25.8	27.9	28.1	**29.5**	4.7%	1.0%
Other S. & Cent. America	3.0	2.8	2.8	3.1	3.4	3.5	3.3	3.8	3.2	2.8	**3.2**	14.4%	0.1%
Total S. & Cent. America	97.1	107.4	121.2	126.5	138.9	140.1	144.4	140.3	150.0	154.3	**159.6**	3.1%	5.3%
Azerbaijan	4.2	4.2	4.1	4.7	5.5	8.8	13.3	13.3	13.6	13.3	**14.0**	5.1%	0.5%
Denmark	7.5	7.2	8.5	9.4	9.4	8.3	9.1	7.6	7.4	6.4	**5.8**	-9.4%	0.2%
Germany	15.3	15.9	14.7	14.2	14.1	12.9	11.7	11.0	9.6	9.0	**8.1**	-9.8%	0.3%
Italy	12.1	11.5	10.7	10.0	9.1	8.0	7.6	6.6	6.8	6.9	**7.0**	1.7%	0.2%
Kazakhstan	8.2	10.7	11.8	12.2	12.5	15.0	16.8	16.0	15.8	17.3	**17.7**	2.0%	0.6%
Netherlands	54.3	52.2	61.6	56.3	55.4	54.5	60.0	56.4	63.5	57.8	**57.5**	-0.8%	1.9%
Norway	59.0	65.8	70.7	76.6	79.1	80.7	89.4	94.3	96.9	91.6	**103.4**	12.6%	3.4%
Poland	3.6	3.6	3.9	3.9	3.9	3.9	3.7	3.7	3.7	3.8	**3.8**	-1.1%	0.1%
Romania	11.9	11.7	11.5	11.2	10.7	10.4	10.3	10.1	9.8	9.8	**9.8**	◆	0.3%
Russian Federation	484.9	505.4	516.0	522.1	535.6	532.8	541.5	474.9	530.0	546.3	**533.0**	-2.7%	17.6%
Turkmenistan	43.6	48.1	47.5	51.3	54.3	58.9	59.5	32.7	38.1	53.6	**57.9**	7.8%	1.9%
Ukraine	15.3	15.8	16.5	16.7	16.9	16.9	17.1	17.3	16.3	16.8	**16.7**	-0.8%	0.6%
United Kingdom	93.2	92.6	86.7	79.4	72.0	64.9	66.1	56.2	53.7	42.8	**36.9**	-14.1%	1.2%
Uzbekistan	46.7	46.8	48.8	48.6	49.0	53.2	56.0	54.0	53.7	51.3	**51.2**	-0.4%	1.7%
Other Europe & Eurasia	10.1	9.5	9.9	9.8	10.3	9.7	9.2	8.8	9.1	9.1	**8.8**	-4.3%	0.3%
Total Europe & Eurasia	869.8	901.1	923.0	926.2	937.9	938.8	971.4	862.9	928.0	935.9	**931.9**	-0.7%	30.7%
Bahrain	8.5	8.7	8.8	9.6	10.2	10.6	11.4	11.5	11.8	12.0	**12.8**	6.9%	0.4%
Iran	67.5	73.4	76.4	93.2	97.7	100.7	104.7	118.0	131.5	136.6	**144.5**	5.4%	4.8%
Iraq	2.1	1.4	0.9	1.3	1.3	1.3	1.7	1.0	1.2	0.8	**0.7**	-9.3%	◆
Kuwait	8.5	9.9	10.7	11.0	11.3	10.9	11.5	10.3	10.6	12.2	**13.1**	7.2%	0.4%
Oman	13.5	14.9	16.7	17.8	21.3	21.6	21.7	22.3	24.4	23.9	**26.1**	8.9%	0.9%
Qatar	26.6	28.3	35.3	41.2	45.6	56.9	69.3	80.4	105.0	130.7	**141.3**	7.8%	4.7%
Saudi Arabia	51.0	54.1	59.1	64.1	66.2	67.0	72.4	70.6	78.9	83.0	**92.5**	11.1%	3.0%
Syria	5.5	5.6	5.8	4.9	5.1	5.0	4.8	5.0	7.2	7.9	**6.8**	-13.4%	0.2%
United Arab Emirates	39.1	40.3	41.7	43.0	44.1	45.3	45.2	43.9	46.2	47.1	**46.5**	-1.5%	1.5%
Yemen	–	–	–	–	–	–	–	0.7	5.6	8.7	**6.8**	-21.3%	0.2%
Other Middle East	0.2	0.2	1.3	1.7	2.3	2.7	3.3	2.7	3.0	4.0	**2.4**	-40.1%	0.1%
Total Middle East	222.5	236.6	256.6	287.9	305.1	322.0	345.8	366.6	425.4	466.8	**493.6**	5.4%	16.3%
Algeria	72.3	74.5	73.8	79.4	76.0	76.3	77.2	71.6	72.4	74.4	**73.4**	-1.7%	2.4%
Egypt	24.6	27.1	29.7	38.3	49.2	50.1	53.1	56.4	55.2	55.3	**54.8**	-1.2%	1.8%
Libya	5.3	5.0	7.3	10.2	11.9	13.8	14.3	14.3	15.1	7.1	**11.0**	54.8%	0.4%
Nigeria	16.2	20.3	22.0	22.5	26.7	32.4	32.1	23.4	33.6	36.5	**38.9**	6.2%	1.3%
Other Africa	6.0	6.5	8.0	8.9	9.4	11.1	14.2	14.7	16.6	16.7	**16.6**	-1.0%	0.5%
Total Africa	124.4	133.4	140.7	159.3	173.2	183.7	190.9	180.4	192.8	190.0	**194.6**	2.1%	6.4%
Australia	29.3	29.9	31.7	33.4	35.0	36.0	34.4	38.1	41.0	40.5	**44.1**	8.8%	1.5%
Bangladesh	10.3	11.1	11.5	12.4	13.6	14.3	15.3	16.7	17.9	18.1	**19.6**	8.2%	0.6%
Brunei	10.3	11.1	11.0	10.8	11.3	11.0	10.9	10.3	11.1	11.5	**11.3**	-2.1%	0.4%
China	29.4	31.5	37.3	44.4	52.7	62.3	72.3	76.7	85.4	92.4	**96.5**	4.1%	3.2%
India	24.8	26.6	26.3	26.7	26.4	27.1	27.5	35.3	45.8	41.5	**36.2**	-13.1%	1.2%
Indonesia	62.7	65.9	63.3	64.1	63.2	60.9	62.7	64.7	73.8	68.3	**64.0**	-6.6%	2.1%
Malaysia	43.5	46.6	48.5	55.0	57.0	58.1	58.2	57.0	58.7	58.7	**58.7**	-0.3%	1.9%
Myanmar	7.6	8.6	9.2	11.0	11.3	12.2	11.2	10.4	11.2	11.5	**11.5**	-0.6%	0.4%
Pakistan	22.1	27.4	31.0	32.0	32.5	33.1	33.8	34.6	35.7	35.2	**37.3**	5.6%	1.2%
Thailand	18.5	19.3	20.1	21.3	21.9	23.4	25.9	27.8	32.7	33.3	**37.3**	11.5%	1.2%
Vietnam	2.2	2.1	3.7	5.8	6.3	6.4	6.7	7.2	8.5	7.6	**8.5**	10.6%	0.3%
Other Asia Pacific	9.7	9.6	9.0	9.9	13.1	15.6	16.5	16.7	16.3	16.5	**16.3**	-1.9%	0.5%
Total Asia Pacific	270.5	289.8	302.7	326.7	344.3	360.4	375.4	395.6	437.8	435.2	**441.2**	1.1%	14.5%
Total World	**2279.0**	**2366.7**	**2429.3**	**2509.6**	**2599.9**	**2656.5**	**2756.6**	**2679.5**	**2879.3**	**2968.3**	**3033.5**	**1.9%**	**100.0%**
of which: OECD	985.9	992.4	989.9	983.0	995.7	998.2	1028.7	1025.4	1045.9	1062.7	**1096.2**	2.9%	36.1%
Non-OECD	1293.1	1374.2	1439.4	1526.6	1604.2	1658.3	1727.9	1654.1	1833.4	1905.6	**1937.2**	1.4%	63.9%
European Union	204.9	201.2	204.6	190.8	181.2	168.7	174.0	156.8	160.0	142.1	**134.7**	-5.5%	4.4%
Former Soviet Union	603.2	631.3	644.9	655.8	674.1	685.8	704.4	608.4	667.7	698.9	**690.9**	-1.4%	22.8%

*Excluding gas flared or recycled.
◆Less than 0.05%.
Note: Growth rates are adjusted for leap years.

Source: Includes data from Cedigaz.

Consumption

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	593.7	575.3	577.3	568.5	560.0	597.3	600.6	590.1	619.3	626.5	**654.0**	4.1%	21.9%
Canada	81.2	87.9	85.6	88.0	87.3	86.6	86.5	85.4	85.5	90.8	**90.6**	-0.4%	3.0%
Mexico	41.8	46.3	48.9	54.9	60.0	57.1	59.6	65.2	65.2	69.0	**75.3**	8.9%	2.5%
Total North America	716.6	709.5	711.8	711.5	707.2	741.0	746.7	740.7	770.1	786.2	**820.0**	4.0%	27.5%
Argentina	27.2	31.1	34.1	36.4	37.6	39.5	40.0	38.8	39.0	41.1	**42.6**	3.3%	1.4%
Brazil	12.7	14.2	16.9	17.6	18.5	19.1	22.4	18.1	24.1	24.0	**26.2**	8.9%	0.9%
Chile	6.6	7.2	7.8	7.5	7.0	4.1	2.4	2.8	4.8	4.8	**5.4**	11.7%	0.2%
Colombia	5.5	5.4	5.7	6.0	6.3	6.7	6.8	7.8	8.2	8.0	**8.9**	10.9%	0.3%
Ecuador	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	**0.6**	30.8%	◆
Peru	0.4	0.5	0.8	1.4	1.6	2.4	3.1	3.1	4.9	5.5	**6.7**	21.7%	0.2%
Trinidad & Tobago	10.8	12.0	13.3	14.7	19.1	19.7	19.2	19.9	20.9	20.8	**19.5**	-6.2%	0.7%
Venezuela	25.6	22.7	25.6	24.7	28.3	26.6	28.3	27.5	29.9	30.0	**31.4**	4.4%	1.1%
Other S. & Cent. America	2.2	2.8	2.7	2.9	3.5	4.0	4.3	4.5	4.8	6.0	**7.1**	18.4%	0.2%
Total S. & Cent. America	91.2	96.1	107.1	111.5	122.4	122.7	126.8	123.1	137.0	140.8	**148.6**	5.3%	5.0%
Austria	7.7	8.5	8.5	9.0	8.5	8.0	8.6	8.4	9.1	8.5	**8.1**	-4.8%	0.3%
Azerbaijan	6.8	7.0	7.5	7.7	8.2	7.2	8.2	7.0	6.7	7.3	**7.6**	3.7%	0.3%
Belarus	14.5	14.3	16.1	16.5	17.1	17.0	17.3	14.5	17.7	16.5	**16.7**	1.1%	0.6%
Belgium	13.4	14.4	14.6	14.7	15.0	14.9	14.8	15.1	17.0	14.9	**15.2**	1.7%	0.5%
Bulgaria	2.4	2.5	2.5	2.8	2.9	2.9	2.9	2.1	2.3	2.6	**2.5**	-7.1%	0.1%
Czech Republic	7.8	7.8	8.2	8.5	8.4	7.8	7.8	7.4	8.4	7.6	**7.4**	-2.9%	0.2%
Denmark	4.6	4.7	4.7	4.5	4.6	4.1	4.1	4.0	4.5	3.8	**3.5**	-6.9%	0.1%
Finland	3.6	4.0	3.9	3.6	3.8	3.5	3.6	3.2	3.6	3.1	**2.8**	-10.9%	0.1%
France	36.6	38.9	40.6	40.9	39.6	38.3	39.8	38.3	42.7	36.8	**38.2**	3.7%	1.3%
Germany	74.3	77.0	77.3	77.6	78.5	74.6	73.1	70.2	75.0	67.1	**67.7**	0.7%	2.3%
Greece	1.9	2.2	2.4	2.4	2.8	3.4	3.6	3.0	3.3	4.1	**3.8**	-7.9%	0.1%
Hungary	10.6	11.9	11.7	12.1	11.5	10.7	10.6	9.1	9.8	9.4	**8.8**	-6.5%	0.3%
Republic of Ireland	3.7	3.7	3.7	3.5	4.0	4.3	4.5	4.3	4.7	4.1	**4.0**	-3.2%	0.1%
Italy	58.1	64.1	66.5	71.2	69.7	70.0	70.0	64.4	68.5	64.2	**61.8**	-4.0%	2.1%
Kazakhstan	7.8	8.6	6.7	8.4	8.9	7.5	7.3	7.0	7.4	8.3	**8.5**	2.6%	0.3%
Lithuania	2.6	2.8	2.8	2.9	2.9	3.3	2.9	2.5	2.8	3.1	**3.0**	-2.6%	0.1%
Netherlands	35.8	36.0	36.8	35.4	34.3	33.3	34.7	35.0	39.2	34.3	**32.8**	-4.5%	1.1%
Norway	3.6	3.9	4.1	4.0	4.0	3.8	3.9	3.7	3.7	3.9	**3.9**	-1.0%	0.1%
Poland	10.1	11.3	11.9	12.2	12.4	12.4	13.5	13.0	14.0	14.1	**14.9**	5.1%	0.5%
Portugal	2.8	2.7	3.4	3.8	3.7	3.9	4.3	4.2	4.6	4.7	**4.2**	-9.8%	0.1%
Romania	15.5	16.5	15.7	15.8	16.3	14.5	14.3	11.9	12.2	12.5	**12.1**	-3.5%	0.4%
Russian Federation	333.6	341.5	350.4	354.6	373.5	379.8	374.4	350.7	372.7	382.1	**374.6**	-2.2%	12.5%
Slovakia	5.8	5.7	5.5	5.9	5.4	5.1	5.2	4.4	5.0	4.6	**5.4**	15.8%	0.2%
Spain	18.8	21.3	24.7	29.1	30.3	31.6	34.8	31.1	31.2	29.0	**28.2**	-2.8%	0.9%
Sweden	0.7	0.7	0.7	0.7	0.8	0.9	0.8	1.0	1.4	1.1	**1.0**	-12.8%	◆
Switzerland	2.5	2.6	2.7	2.8	2.7	2.6	2.8	2.7	3.0	2.7	**2.9**	7.6%	0.1%
Turkey	15.6	18.8	19.9	24.2	27.4	32.5	33.8	32.1	35.1	41.2	**41.7**	0.9%	1.4%
Turkmenistan	11.6	12.8	13.5	14.5	16.5	19.1	18.5	17.9	20.4	22.5	**20.9**	-7.1%	0.7%
Ukraine	60.9	62.1	61.7	62.1	60.3	56.9	54.0	42.3	46.9	48.3	**44.6**	-7.8%	1.5%
United Kingdom	85.6	85.8	87.7	85.5	81.1	81.9	89.4	82.1	89.3	74.5	**70.5**	-5.7%	2.4%
Uzbekistan	45.8	41.2	39.1	38.4	37.7	41.3	43.8	39.2	41.0	44.2	**43.1**	-2.8%	1.4%
Other Europe & Eurasia	13.3	13.4	14.8	15.0	15.6	16.0	15.3	12.6	13.6	14.2	**14.5**	1.9%	0.5%
Total Europe & Eurasia	918.5	948.6	970.2	990.5	1008.2	1013.3	1022.7	944.5	1016.6	995.2	**975.0**	-2.3%	32.6%
Iran	71.3	74.6	77.9	94.5	97.8	101.7	107.4	118.2	130.1	138.2	**140.5**	1.4%	4.7%
Israel	†	†	1.1	1.5	2.1	2.5	3.7	4.1	4.8	4.5	**2.3**	-48.1%	0.1%
Kuwait	8.5	9.9	10.7	11.0	11.3	10.9	11.5	11.1	13.1	15.3	**15.5**	0.9%	0.5%
Qatar	10.0	11.0	13.5	16.8	17.6	17.4	17.4	18.0	17.9	19.7	**23.5**	18.9%	0.8%
Saudi Arabia	51.0	54.1	59.1	64.1	66.2	67.0	72.4	70.6	78.9	83.0	**92.5**	11.1%	3.1%
United Arab Emirates	32.8	34.1	36.2	37.8	39.0	44.3	53.5	53.2	54.7	56.2	**56.6**	0.4%	1.9%
Other Middle East	22.2	22.5	23.9	25.5	28.3	29.1	32.9	35.0	39.6	38.3	**39.6**	3.1%	1.3%
Total Middle East	195.8	206.1	222.4	251.3	262.3	272.9	298.8	310.2	339.1	355.3	**370.6**	4.0%	12.4%
Algeria	18.2	19.3	19.8	20.9	21.4	21.9	22.8	24.5	23.7	25.1	**27.8**	10.8%	0.9%
Egypt	23.9	26.7	28.5	28.4	32.9	34.5	36.8	38.3	40.6	44.7	**47.3**	5.7%	1.6%
South Africa	0.9	0.9	1.9	2.8	3.1	3.1	3.4	3.0	3.5	3.5	**3.4**	-4.6%	0.1%
Other Africa	19.6	20.4	22.8	24.9	23.1	26.3	27.8	24.3	29.2	29.3	**32.0**	8.8%	1.1%
Total Africa	62.6	67.3	73.1	77.1	80.5	85.9	90.7	90.1	97.0	102.6	**110.5**	7.5%	3.7%
Australia	20.2	20.2	20.5	19.9	22.0	23.9	23.0	22.7	23.1	23.0	**22.9**	-0.9%	0.8%
Bangladesh	10.3	11.1	11.5	12.4	13.6	14.3	15.3	16.7	17.9	18.1	**19.6**	8.2%	0.7%
China	26.3	30.5	35.7	42.1	50.5	63.5	73.2	80.6	96.2	117.5	**129.5**	9.9%	4.3%
China Hong Kong SAR	2.6	1.7	2.4	2.4	2.6	2.5	2.9	2.8	3.4	2.7	**2.5**	-8.2%	0.1%
India	24.8	26.6	28.7	32.1	33.5	36.1	37.2	45.9	55.7	55.0	**49.1**	-11.0%	1.6%
Indonesia	29.6	31.5	29.0	29.9	29.9	28.2	30.0	33.6	36.3	33.5	**32.2**	-4.2%	1.1%
Japan	65.4	71.8	69.3	70.7	75.4	81.2	84.4	78.7	85.1	95.0	**105.1**	10.3%	3.5%
Malaysia	23.6	24.6	22.2	28.3	30.4	30.1	30.4	29.7	31.0	28.8	**30.0**	3.9%	1.0%
New Zealand	5.1	3.9	3.5	3.2	3.3	3.6	3.4	3.6	3.9	3.5	**3.8**	8.8%	0.1%
Pakistan	22.1	27.4	31.0	32.0	32.5	33.1	33.8	34.6	35.7	35.2	**37.3**	5.6%	1.2%
Philippines	1.6	2.4	2.2	3.0	2.5	3.0	3.1	3.1	2.9	3.2	**3.1**	-4.3%	0.1%
Singapore	3.2	3.6	4.5	6.2	6.3	7.8	7.4	7.3	7.6	7.9	**7.5**	-5.5%	0.3%
South Korea	20.8	21.8	25.5	27.3	28.8	31.2	32.1	30.5	38.7	41.7	**45.0**	7.8%	1.5%
Taiwan	6.7	6.9	8.4	8.5	9.1	9.6	10.5	10.2	12.7	14.0	**14.7**	4.7%	0.5%
Thailand	24.2	25.7	26.9	29.3	30.0	31.8	33.6	35.3	40.6	41.9	**46.1**	9.6%	1.5%
Vietnam	2.2	2.1	3.7	5.8	6.3	6.4	6.7	7.2	8.5	7.6	**8.5**	10.6%	0.3%
Other Asia Pacific	3.3	3.8	4.1	4.7	4.9	5.4	5.1	4.6	5.1	5.6	**5.6**	1.1%	0.2%
Total Asia Pacific	291.9	315.5	329.3	357.7	381.6	411.6	432.0	447.0	504.4	534.2	**562.5**	5.0%	18.8%
Total World	**2276.7**	**2343.1**	**2413.8**	**2499.5**	**2562.1**	**2647.3**	**2717.7**	**2655.7**	**2864.1**	**2914.2**	**2987.1**	**2.2%**	**100.0%**
of which: OECD	1241.1	1263.0	1281.7	1296.2	1297.0	1338.4	1362.2	1322.5	1406.0	1394.6	**1433.6**	2.5%	48.0%
Non-OECD	1035.6	1080.1	1132.1	1203.3	1265.1	1308.9	1355.5	1333.2	1458.1	1519.6	**1553.5**	2.0%	52.0%
European Union	406.5	426.5	438.0	446.5	440.7	433.9	447.6	418.6	452.6	407.7	**399.5**	-2.3%	13.4%
Former Soviet Union	490.2	496.8	505.0	513.1	533.4	540.4	534.2	487.1	521.7	539.2	**526.4**	-2.6%	17.6%

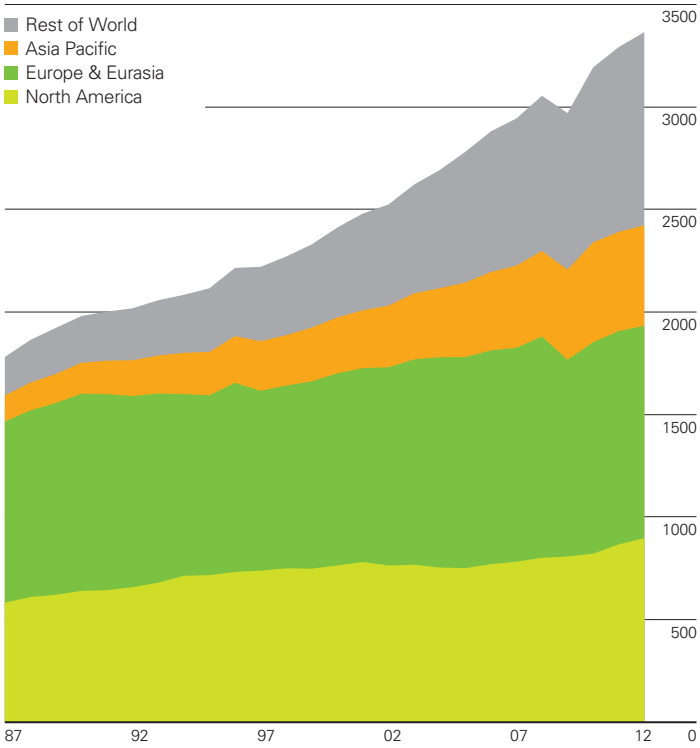
†Less than 0.05.
◆Less than 0.05%.

Source: Includes data from Cedigaz.

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

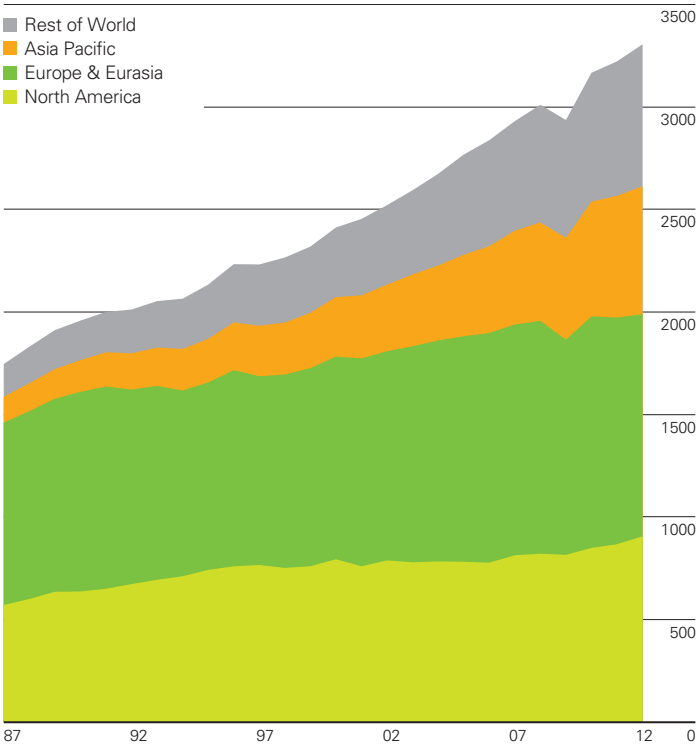
Production by region

Billion cubic metres



Consumption by region

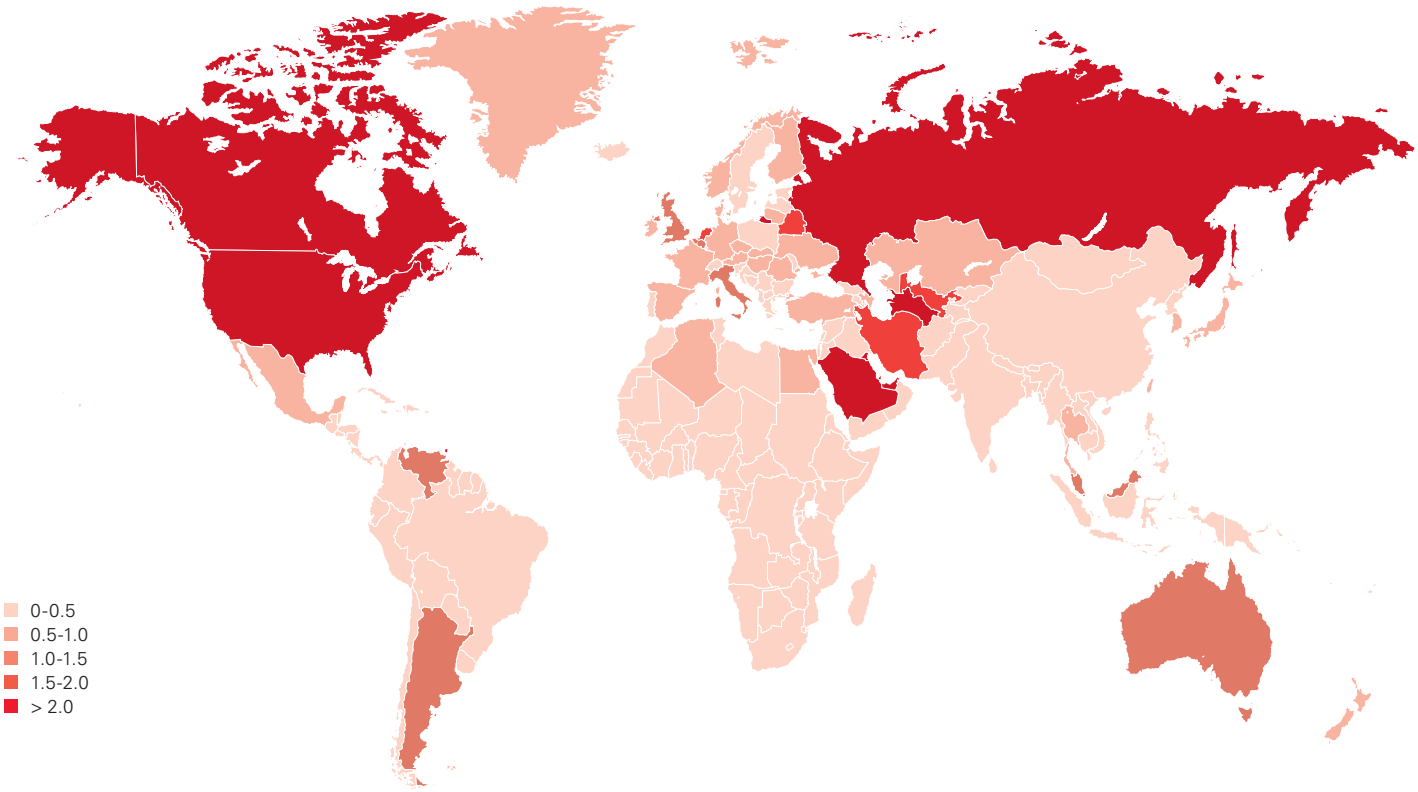
Billion cubic metres



World natural gas production increased by 1.9% in 2012. The US once again recorded the largest national increase. Production grew in every region except Europe & Eurasia, where declines in Russia and the UK offset a gain in Norway. Natural gas consumption increased by a below-average 2.2%. As was the case with production, the US recorded the largest national increase and consumption rose in every region except Europe & Eurasia; EU consumption fell to the lowest level since 2000.

Consumption per capita 2012

Tonnes oil equivalent



Source: Includes data from Cedigaz.

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	3.19	–	1.49	0.89	3.33
1992	3.62	2.69	–	1.77	0.98	3.19
1993	3.52	2.50	–	2.12	1.69	2.82
1994	3.18	2.35	–	1.92	1.45	2.70
1995	3.46	2.39	–	1.69	0.89	2.96
1996	3.66	2.46	1.87	2.76	1.12	3.54
1997	3.91	2.64	1.96	2.53	1.36	3.29
1998	3.05	2.32	1.86	2.08	1.42	2.16
1999	3.14	1.88	1.58	2.27	2.00	2.98
2000	4.72	2.89	2.71	4.23	3.75	4.83
2001	4.64	3.66	3.17	4.07	3.61	4.08
2002	4.27	3.23	2.37	3.33	2.57	4.17
2003	4.77	4.06	3.33	5.63	4.83	4.89
2004	5.18	4.32	4.46	5.85	5.03	6.27
2005	6.05	5.88	7.38	8.79	7.25	8.74
2006	7.14	7.85	7.87	6.76	5.83	10.66
2007	7.73	8.03	6.01	6.95	6.17	11.95
2008	12.55	11.56	10.79	8.85	7.99	16.76
2009	9.06	8.52	4.85	3.89	3.38	10.41
2010	10.91	8.01	6.56	4.39	3.69	13.47
2011	14.73	10.48	9.04	4.01	3.47	18.55
2012	16.75	11.03	9.46	2.76	2.27	18.82

*Source: 1984-1990 German Federal Statistical Office, 1991-2012 German Federal Office of Economics and Export Control (BAFA).
†Source: ICIS Heren Energy Ltd.
‡Source: Energy Intelligence Group, *Natural Gas Week*.
Note: cif = cost+insurance+freight (average prices).

Trade movements 2012 by pipeline

Billion cubic metres

To	From: US	Canada	Mexico	Bolivia	Other S. & Cent. America	Netherlands	Norway	United Kingdom	Other Europe	Kazakhstan	Russian Federation	Turkmenistan	Other Former Soviet Union	Iran	Qatar	Algeria	Libya	Other Africa	Indonesia	Myanmar	Other Asia Pacific	**Total imports**
US	–	83.8	†	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**83.8**
Canada	27.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**27.5**
Mexico	17.6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**17.6**
North America	45.1	83.8	†	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**128.9**
Argentina	–	–	–	4.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**4.5**
Brazil	–	–	–	10.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**10.1**
Other S. & Cent. America	–	–	–	–	2.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**2.3**
S. & Cent. America	–	–	–	14.6	2.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**16.9**
Austria	–	–	–	–	–	–	1.3	–	1.6	–	4.7	–	–	–	–	–	–	–	–	–	–	**7.6**
Belgium	–	–	–	–	–	5.2	9.0	4.6	–	–	7.3	–	–	–	–	–	–	–	–	–	–	**26.2**
Czech Republic	–	–	–	–	–	–	3.4	–	–	–	6.6	–	–	–	–	–	–	–	–	–	–	**10.0**
Finland	–	–	–	–	–	–	–	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	**3.1**
France	–	–	–	–	–	9.4	17.9	–	0.4	–	7.3	–	–	–	–	–	–	–	–	–	–	**35.0**
Germany	–	–	–	–	–	25.3	30.8	–	0.8	–	30.0	–	–	–	–	–	–	–	–	–	–	**86.8**
Greece	–	–	–	–	–	–	–	–	0.6	–	2.3	–	–	–	–	–	–	–	–	–	–	**2.9**
Hungary	–	–	–	–	–	–	–	–	1.1	–	4.8	–	–	–	–	–	–	–	–	–	–	**5.9**
Ireland	–	–	–	–	–	–	–	5.3	–	–	–	–	–	–	–	–	–	–	–	–	–	**5.3**
Italy	–	–	–	–	–	6.8	6.3	–	5.9	–	13.6	–	–	–	–	20.6	6.5	–	–	–	–	**59.7**
Netherlands	–	–	–	–	–	–	8.0	2.1	2.3	–	2.1	–	–	–	–	–	–	–	–	–	–	**14.5**
Poland	–	–	–	–	–	–	–	–	2.0	–	9.0	–	–	–	–	–	–	–	–	–	–	**10.9**
Slovakia	–	–	–	–	–	–	–	–	0.3	–	3.8	–	–	–	–	–	–	–	–	–	–	**4.1**
Spain	–	–	–	–	–	–	2.3	–	0.7	–	–	–	–	–	–	10.2	–	–	–	–	–	**13.3**
Turkey	–	–	–	–	–	–	–	–	–	–	24.5	–	2.9	7.5	–	–	–	–	–	–	–	**34.9**
United Kingdom	–	–	–	–	–	7.3	26.8	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	**35.4**
Other Europe	–	–	–	–	–	0.6	0.8	–	7.4	–	10.9	–	–	–	–	1.9	–	–	–	–	–	**21.5**
Europe	–	–	–	–	–	54.5	106.6	12.0	24.4	–	130.0	–	2.9	7.5	–	32.8	6.5	–	–	–	–	**377.2**
Belarus	–	–	–	–	–	–	–	–	–	–	18.3	–	–	–	–	–	–	–	–	–	–	**18.3**
Russian Federation	–	–	–	–	–	–	–	–	–	11.0	–	9.9	8.9	–	–	–	–	–	–	–	–	**29.8**
Ukraine	–	–	–	–	–	–	–	–	–	–	29.8	–	–	–	–	–	–	–	–	–	–	**29.8**
Other Former Soviet Union	–	–	–	–	–	–	–	–	–	0.3	7.9	0.9	3.9	0.9	–	–	–	–	–	–	–	**14.0**
Former Soviet Union	–	–	–	–	–	–	–	–	–	11.3	56.0	10.8	12.9	0.9	–	–	–	–	–	–	–	**91.9**
Iran	–	–	–	–	–	–	–	–	–	–	–	9.0	0.4	–	–	–	–	–	–	–	–	**9.4**
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17.3	–	–	–	–	–	–	**17.3**
Other Middle East	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.0	–	–	0.6	–	–	–	**2.5**
Middle East	–	–	–	–	–	–	–	–	–	–	–	9.0	0.4	–	19.2	–	–	0.6	–	–	–	**29.2**
South Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3.6	–	–	–	**3.6**
Other Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.0	–	0.4	–	–	–	**2.4**
Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.0	–	4.0	–	–	–	**6.0**
Australia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10.9	–	**10.9**
China	–	–	–	–	–	–	–	–	–	–	–	21.3	0.2	–	–	–	–	–	–	–	–	**21.4**
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.8	–	**2.8**
Malaysia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.3	–	–	**2.3**
Singapore	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7.9	–	1.7	**9.5**
Thailand	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8.5	–	**8.5**
Asia Pacific	–	–	–	–	–	–	–	–	–	–	–	21.3	0.2	–	–	–	–	–	10.2	8.5	15.4	**55.5**
Total exports	**45.1**	**83.8**	**†**	**14.6**	**2.3**	**54.5**	**106.6**	**12.0**	**24.4**	**11.3**	**185.9**	**41.1**	**16.3**	**8.4**	**19.2**	**34.8**	**6.5**	**4.6**	**10.2**	**8.5**	**15.4**	**705.5**

†Less than 0.05.

Source: Includes data from Cedigaz, CISStat, IHS CERA.

Trade movements 2012 – liquefied natural gas

Billion cubic metres

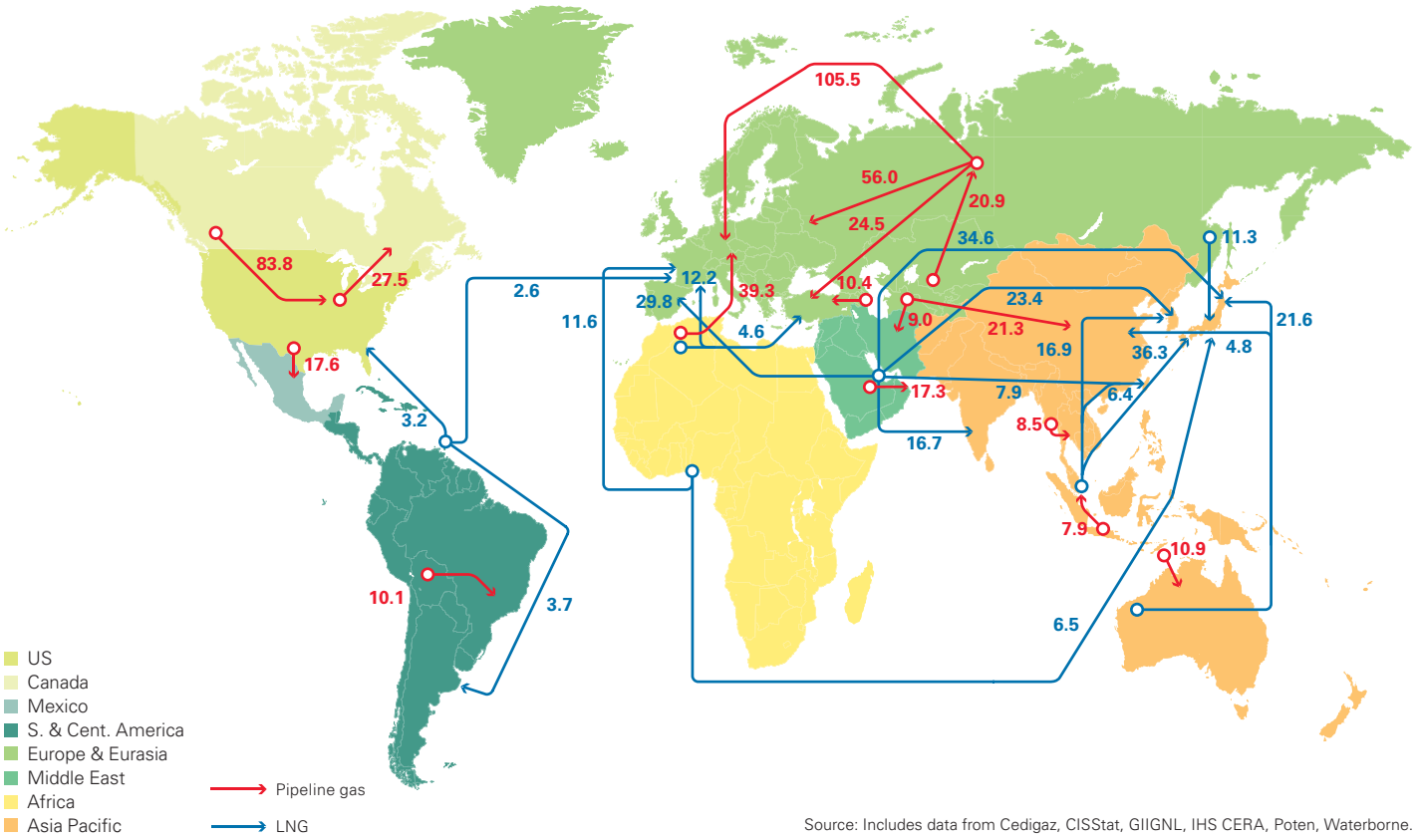
To	From: US*	Brazil*	Trinidad & Tobago	Peru	Norway	Other Europe*	Russian Federation	Oman	Qatar	United Arab Emirates	Yemen	Algeria	Egypt	Equatorial Guinea	Nigeria	Australia	Brunei	Indonesia	Malaysia	**Total imports**
US	–	–	3.2	–	0.2	–	–	–	1.0	–	0.6	–	0.1	–	–	–	–	–	–	**4.9**
Canada	–	–	0.8	–	–	–	–	–	1.0	–	–	–	–	–	–	–	–	–	–	**1.8**
Mexico	†	–	0.2	1.2	–	–	–	–	1.7	–	0.4	–	–	–	1.1	–	–	0.3	–	**4.8**
North America	†	–	4.2	1.2	0.2	–	–	–	3.6	–	0.9	–	0.1	–	1.1	–	–	0.3	–	**11.6**
Argentina	–	0.4	3.7	–	0.2	0.7	–	–	0.1	–	–	–	0.1	–	–	–	–	–	–	**5.2**
Brazil	0.2	–	0.8	–	0.2	0.4	–	–	1.1	–	–	–	–	–	0.5	–	–	–	–	**3.2**
Chile	–	–	3.1	–	0.1	–	–	–	–	–	0.3	–	0.3	0.4	–	–	–	–	–	**4.1**
Other S. & Cent. America	–	–	2.4	–	0.1	–	–	–	0.2	–	–	–	–	–	0.1	–	–	–	–	**2.8**
S. & Cent. America	0.2	0.4	10.1	–	0.6	1.1	–	–	1.3	–	0.3	–	0.3	0.4	0.5	–	–	–	–	**15.2**
Belgium	–	–	–	–	–	–	–	–	4.5	–	–	–	–	–	–	–	–	–	–	**4.5**
France	–	–	–	–	0.2	–	–	–	1.8	–	–	4.8	0.9	–	2.7	–	–	–	–	**10.3**
Italy	–	–	–	–	0.1	0.1	–	–	5.8	–	–	1.0	0.2	–	–	–	–	–	–	**7.1**
Spain	–	–	2.5	2.6	1.7	0.7	–	–	4.3	–	–	3.6	0.7	–	5.4	–	–	–	–	**21.4**
Turkey	–	–	–	–	0.2	0.2	–	–	1.2	–	–	4.1	0.5	–	1.5	–	–	–	–	**7.7**
United Kingdom	–	–	–	–	0.2	–	–	–	13.3	–	–	0.1	†	–	†	–	–	–	–	**13.7**
Other Europe & Eurasia	0.1	–	0.2	–	0.8	0.2	–	–	0.2	–	–	0.8	0.2	0.1	2.0	–	–	–	–	**4.5**
Europe & Eurasia	0.1	–	2.6	2.6	3.1	1.1	–	–	31.1	–	–	14.4	2.4	0.1	11.6	–	–	–	–	**69.3**
Middle East	–	–	0.4	–	0.2	–	–	–	2.9	0.1	–	–	0.2	–	0.8	0.1	–	–	–	**4.6**
China	–	–	0.2	–	–	–	0.5	0.1	6.8	–	0.8	0.1	0.4	–	0.4	4.8	–	3.3	2.5	**20.0**
India	0.1	–	–	–	–	0.2	–	–	16.1	–	0.6	0.6	0.8	–	2.1	–	–	0.2	–	**20.5**
Japan	0.4	0.1	0.4	1.1	0.6	0.5	11.3	5.4	21.3	7.5	0.4	0.2	1.4	3.8	6.5	21.6	8.0	8.4	19.9	**118.8**
South Korea	–	–	1.1	–	0.1	0.2	3.0	5.7	14.2	–	3.6	–	0.8	0.5	2.5	1.1	1.1	10.3	5.6	**49.7**
Taiwan	–	–	0.1	–	0.1	0.1	–	–	7.9	–	–	–	0.3	0.2	1.6	0.3	–	2.6	3.8	**16.9**
Thailand	–	–	0.1	0.4	–	–	–	–	0.3	–	0.5	–	–	–	0.1	–	–	–	–	**1.4**
Asia Pacific	0.5	0.1	1.9	1.5	0.7	0.9	14.8	11.2	66.5	7.5	5.9	0.9	3.8	4.5	13.1	28.0	9.1	24.7	31.8	**227.2**
Total exports	**0.8**	**0.4**	**19.1**	**5.4**	**4.7**	**3.2**	**14.8**	**11.2**	**105.4**	**7.6**	**7.1**	**15.3**	**6.7**	**4.9**	**27.2**	**28.1**	**9.1**	**25.0**	**31.8**	**327.9**

†Less than 0.05.
*Includes re-exports.

Source: Includes data from GIIGNL, Poten, Waterborne.

Major trade movements 2012

Trade flows worldwide (billion cubic metres)



Source: Includes data from Cedigaz, CISStat, GIIGNL, IHS CERA, Poten, Waterborne.

Gas trade in 2011 and 2012

Billion cubic metres	2011 Pipeline imports	2011 LNG imports	2011 Pipeline exports	2011 LNG exports	2012 Pipeline imports	2012 LNG imports	2012 Pipeline exports	2012 LNG exports
US	88.3	10.0	40.7	1.7	83.8	4.9	45.1	0.8
Canada	26.6	3.3	88.2	–	27.5	1.8	83.8	–
Mexico	14.1	4.0	0.1	–	17.6	4.8	†	–
Trinidad & Tobago	–	–	–	18.5	–	–	–	19.1
Other S. & Cent. America	14.8	10.6	14.8	5.2	16.9	15.2	16.9	5.8
France	32.3	15.5	2.2	–	35.0	10.3	1.2	0.2
Germany	84.0	–	11.7	–	86.8	–	12.5	–
Italy	60.8	8.7	0.1	–	59.7	7.1	0.1	–
Netherlands	15.6	0.8	50.4	–	14.5	0.8	54.5	–
Norway	–	–	95.0	4.5	–	–	106.6	4.7
Spain	12.5	24.2	0.5	0.8	13.3	21.4	0.7	1.2
Turkey	35.6	6.2	0.7	–	34.9	7.7	0.6	–
United Kingdom	28.0	24.8	16.0	0.1	35.4	13.7	12.0	–
Other Europe	100.8	10.9	10.1	0.6	97.6	8.2	9.3	1.7
Russian Federation	30.1	–	207.0	14.2	29.8	–	185.9	14.8
Ukraine	40.5	–	–	–	29.8	–	–	–
Other Former Soviet Union	35.3	–	63.0	–	32.3	–	68.8	–
Qatar	–	–	19.2	100.4	–	–	19.2	105.4
Other Middle East	32.1	4.6	9.1	28.2	29.2	4.6	8.4	25.9
Algeria	–	–	34.4	17.8	–	–	34.8	15.3
Other Africa	5.7	–	8.3	40.0	6.0	–	11.0	38.8
China	14.3	16.6	3.1	–	21.4	20.0	2.8	–
Japan	–	107.0	–	–	–	118.8	–	–
Indonesia	–	–	9.3	29.3	–	–	10.2	25.0
South Korea	–	50.6	–	–	–	49.7	–	–
Other Asia Pacific	28.6	32.1	16.3	68.7	34.1	38.8	21.0	69.0
Total World	**700.0**	**329.8**	**700.0**	**329.8**	**705.5**	**327.9**	**705.5**	**327.9**

†Less than 0.05.

Source: Includes data from Cedigaz, CISStat, GIIGNL, IHS CERA, Poten, Waterborne.

Proved reserves at end 2012

Million tonnes	Anthracite and bituminous	Sub-bituminous and lignite	**Total**	Share of total	R/P ratio
US	108501	128794	**237295**	27.6%	257
Canada	3474	3108	**6582**	0.8%	98
Mexico	860	351	**1211**	0.1%	88
Total North America	112835	132253	**245088**	28.5%	244
Brazil	–	4559	**4559**	0.5%	*
Colombia	6366	380	**6746**	0.8%	76
Venezuela	479	–	**479**	0.1%	292
Other S. & Cent. America	45	679	**724**	0.1%	*
Total S. & Cent. America	6890	5618	**12508**	1.5%	129
Bulgaria	2	2364	**2366**	0.3%	72
Czech Republic	192	908	**1100**	0.1%	20
Germany	99	40600	**40699**	4.7%	207
Greece	–	3020	**3020**	0.4%	50
Hungary	13	1647	**1660**	0.2%	179
Kazakhstan	21500	12100	**33600**	3.9%	289
Poland	4338	1371	**5709**	0.7%	40
Romania	10	281	**291**	◆	9
Russian Federation	49088	107922	**157010**	18.2%	443
Spain	200	330	**530**	0.1%	85
Turkey	529	1814	**2343**	0.3%	33
Ukraine	15351	18522	**33873**	3.9%	384
United Kingdom	228	–	**228**	◆	14
Other Europe & Eurasia	1440	20735	**22175**	2.6%	234
Total Europe & Eurasia	92990	211614	**304604**	35.4%	238
South Africa	30156	–	**30156**	3.5%	116
Zimbabwe	502	–	**502**	0.1%	196
Other Africa	860	174	**1034**	0.1%	*
Middle East	1203	–	**1203**	0.1%	*
Total Middle East & Africa	32721	174	**32895**	3.8%	124
Australia	37100	39300	**76400**	8.9%	177
China	62200	52300	**114500**	13.3%	31
India	56100	4500	**60600**	7.0%	100
Indonesia	1520	4009	**5529**	0.6%	14
Japan	340	10	**350**	◆	265
New Zealand	33	538	**571**	0.1%	115
North Korea	300	300	**600**	0.1%	19
Pakistan	–	2070	**2070**	0.2%	*
South Korea	–	126	**126**	◆	60
Thailand	–	1239	**1239**	0.1%	68
Vietnam	150	–	**150**	◆	4
Other Asia Pacific	1583	2125	**3708**	0.4%	88
Total Asia Pacific	159326	106517	**265843**	30.9%	51
Total World	**404762**	**456176**	**860938**	**100.0%**	**109**
of which: OECD	155926	222603	**378529**	44.0%	186
Non-OECD	248836	233573	**482409**	56.0%	83
European Union	5101	51047	**56148**	6.5%	97
Former Soviet Union	86725	141309	**228034**	26.5%	390

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

Source of reserves data: Survey of Energy Resources 2010, World Energy Council.

Notes: Proved reserves of coal – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known deposits under existing economic and operating conditions.
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of the year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

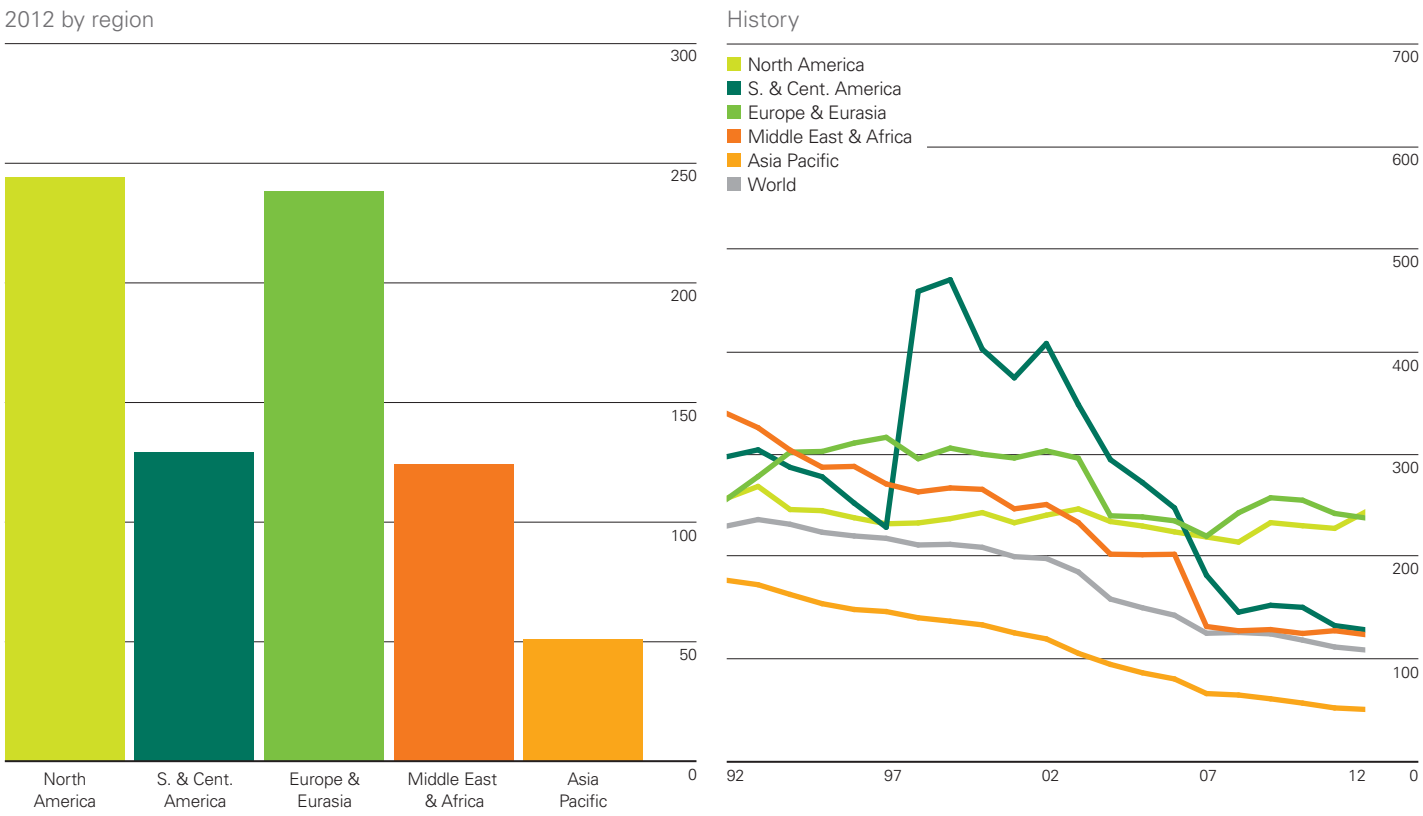
Prices

US dollars per tonne	Northwest Europe marker price†	US Central Appalachian coal spot price index‡	Japan coking coal import cif price	Japan steam coal import cif price	Asian marker price†
1992	38.53	28.53	57.82	48.45	–
1993	33.68	29.85	55.26	45.71	–
1994	37.18	31.72	51.77	43.66	–
1995	44.50	27.01	54.47	47.58	–
1996	41.25	29.86	56.68	49.54	–
1997	38.92	29.76	55.51	45.53	–
1998	32.00	31.00	50.76	40.51	29.48
1999	28.79	31.29	42.83	35.74	27.82
2000	35.99	29.90	39.69	34.58	31.76
2001	39.03	50.15	41.33	37.96	36.89
2002	31.65	33.20	42.01	36.90	30.41
2003	43.60	38.52	41.57	34.74	36.53
2004	72.08	64.90	60.96	51.34	72.42
2005	60.54	70.12	89.33	62.91	61.84
2006	64.11	62.96	93.46	63.04	56.47
2007	88.79	51.16	88.24	69.86	84.57
2008	147.67	118.79	179.03	122.81	148.06
2009	70.66	68.08	167.82	110.11	78.81
2010	92.50	71.63	158.95	105.19	105.43
2011	121.52	87.38	229.12	136.21	125.74
2012	92.50	72.06	191.46	133.61	105.50

†Source: IHS McCloskey Northwest Europe prices for 1992-2000 are the average of the monthly marker, 2001-2012 the average of weekly prices. The Asian prices are the average of the monthly marker.
‡Source: Platts. Prices are for Central Appalachian 12,500Btu, 1.2 SO_2 coal, fob. Prices for 1992-2000 are by coal price publication date, 2001-2012 by coal price assessment date.
Note: cif = cost+insurance+freight (average prices); fob = free on board.

Reserves-to-production (R/P) ratios

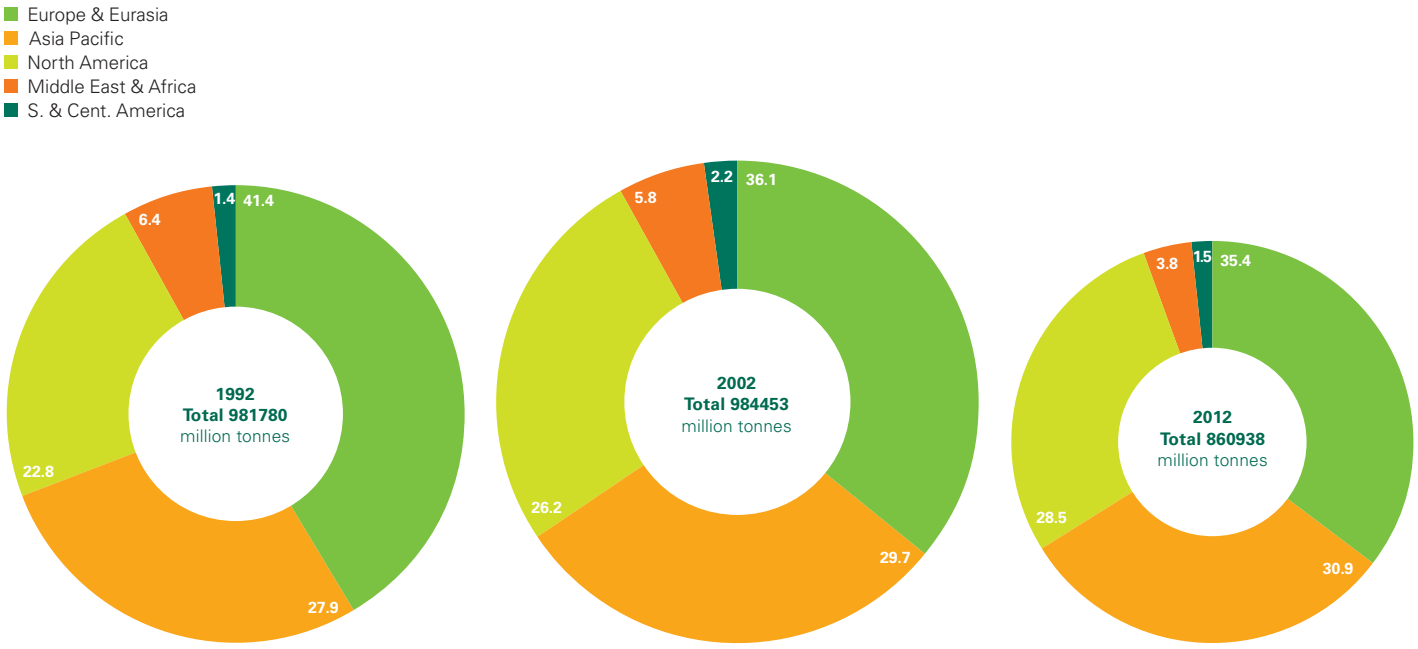
Years



World proved reserves of coal in 2012 were sufficient to meet 109 years of global production, by far the largest R/P ratio for any fossil fuel. Europe & Eurasia holds the largest regional reserves while North America has the highest R/P ratio. The US holds the largest individual reserves, followed by Russia and China.

Distribution of proved reserves in 1992, 2002 and 2012

Percentage



Source: Survey of Energy Resources 2010, World Energy Council.

Production*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	570.1	553.6	572.4	580.2	595.1	587.7	596.7	540.8	551.2	556.1	**515.9**	-7.5%	13.4%
Canada	34.3	31.8	33.9	35.3	34.8	35.7	35.6	33.1	35.4	35.5	**35.2**	-1.1%	0.9%
Mexico	5.3	4.6	4.7	5.2	5.5	6.0	5.5	5.0	5.8	7.0	**6.6**	-5.3%	0.2%
Total North America	609.6	590.1	611.0	620.7	635.4	629.4	637.8	578.9	592.4	598.5	**557.7**	-7.1%	14.5%
Brazil	1.9	1.8	2.0	2.4	2.2	2.3	2.5	1.9	2.0	2.1	**2.2**	5.7%	0.1%
Colombia	25.7	32.5	34.9	38.4	42.6	45.4	47.8	47.3	48.3	55.8	**58.0**	3.7%	1.5%
Venezuela	5.9	5.1	5.9	5.3	5.7	4.5	3.6	2.4	2.0	1.7	**1.2**	-27.9%	◆
Other S. & Cent. America	0.4	0.5	0.2	0.3	0.6	0.3	0.4	0.5	0.3	0.4	**0.5**	9.3%	◆
Total S. & Cent. America	33.9	39.9	43.0	46.3	51.2	52.5	54.3	52.2	52.7	59.9	**61.8**	2.9%	1.6%
Bulgaria	4.3	4.5	4.4	4.1	4.2	4.7	4.8	4.5	4.9	6.1	**5.4**	-12.1%	0.1%
Czech Republic	24.3	24.2	23.5	23.5	23.8	23.6	22.8	21.0	20.8	21.6	**20.7**	-4.2%	0.5%
France	1.1	1.3	0.4	0.2	0.2	0.2	0.1	†	0.1	0.1	**0.1**	-0.3%	◆
Germany	55.0	54.1	54.7	53.2	50.3	51.5	47.7	44.4	43.7	44.6	**45.7**	2.0%	1.2%
Greece	9.1	9.0	9.6	9.4	8.6	9.0	8.8	8.6	7.8	7.9	**7.9**	-0.5%	0.2%
Hungary	2.7	2.8	2.4	2.0	2.1	2.0	1.9	1.9	1.9	2.0	**1.9**	-3.0%	◆
Kazakhstan	37.8	43.3	44.4	44.2	49.1	50.0	56.8	51.5	54.0	56.2	**58.8**	4.2%	1.5%
Poland	71.3	71.4	70.5	68.7	67.0	62.3	60.5	56.4	55.5	56.6	**58.8**	3.6%	1.5%
Romania	6.6	7.0	6.7	6.6	6.5	6.7	6.7	6.4	5.8	6.7	**6.4**	-4.3%	0.2%
Russian Federation	117.3	127.1	131.7	139.2	145.1	148.0	153.4	142.1	151.1	158.0	**168.1**	6.1%	4.4%
Spain	7.2	6.8	6.7	6.4	6.1	5.7	4.1	3.8	3.4	2.5	**2.4**	-5.5%	0.1%
Turkey	11.5	10.4	10.1	12.6	13.7	16.0	16.8	17.1	15.8	16.3	**15.4**	-5.6%	0.4%
Ukraine	42.8	41.6	42.2	41.0	41.7	39.9	41.3	38.4	39.9	44.0	**45.9**	4.0%	1.2%
United Kingdom	18.2	17.2	15.3	12.5	11.3	10.3	11.0	10.9	11.2	11.3	**10.2**	-10.1%	0.3%
Other Europe & Eurasia	17.9	19.0	18.5	17.7	18.5	20.6	21.0	20.3	20.1	21.5	**21.2**	-1.5%	0.6%
Total Europe & Eurasia	427.2	439.8	441.0	441.2	448.2	450.7	457.8	427.2	436.0	455.5	**469.0**	2.7%	12.2%
Total Middle East	0.6	0.7	0.8	1.0	1.0	1.0	1.0	0.7	0.6	0.7	**0.7**	-0.3%	◆
South Africa	124.1	134.1	137.2	137.7	138.0	139.6	142.4	141.2	145.0	141.8	**146.6**	3.1%	3.8%
Zimbabwe	2.5	1.8	2.4	2.2	1.4	1.3	1.0	1.1	1.7	1.7	**1.7**	-0.3%	◆
Other Africa	1.3	1.6	1.3	1.2	1.3	1.0	1.0	0.9	1.1	1.1	**1.1**	-0.3%	◆
Total Africa	128.0	137.5	140.9	141.1	140.6	141.9	144.4	143.2	147.8	144.5	**149.3**	3.0%	3.9%
Australia	184.3	189.4	196.8	205.7	210.8	217.1	224.1	232.1	236.0	230.8	**241.1**	4.2%	6.3%
China	775.2	917.4	1061.3	1174.8	1264.3	1345.8	1401.0	1486.5	1617.5	1758.0	**1825.0**	3.5%	47.5%
India	138.5	144.4	155.7	162.1	170.2	181.0	195.6	210.8	217.5	215.7	**228.8**	5.8%	6.0%
Indonesia	63.5	70.3	81.4	93.9	119.2	133.4	147.8	157.6	169.2	217.3	**237.4**	9.0%	6.2%
Japan	0.8	0.7	0.7	0.6	0.7	0.8	0.7	0.7	0.5	0.7	**0.7**	3.6%	◆
New Zealand	2.8	3.2	3.3	3.3	3.6	3.0	3.0	2.8	3.3	3.1	**3.1**	-0.3%	0.1%
Pakistan	1.6	1.5	1.5	1.6	1.7	1.6	1.8	1.6	1.5	1.4	**1.2**	-13.5%	◆
South Korea	1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.1	0.9	0.9	**0.9**	0.1%	◆
Thailand	5.7	5.3	5.6	5.8	5.3	5.1	5.0	5.0	5.1	6.0	**5.1**	-14.3%	0.1%
Vietnam	9.2	10.8	14.7	18.3	21.8	22.4	23.0	25.2	24.6	24.9	**23.5**	-6.1%	0.6%
Other Asia Pacific	19.6	20.3	22.1	24.9	25.3	24.0	25.8	28.8	36.9	41.1	**40.0**	-3.1%	1.0%
Total Asia Pacific	1202.7	1364.9	1544.5	1692.2	1824.2	1935.6	2028.9	2152.1	2313.2	2499.9	**2606.8**	4.0%	67.8%
Total World	**2401.9**	**2572.7**	**2781.3**	**2942.4**	**3100.7**	**3211.1**	**3324.2**	**3354.3**	**3542.7**	**3759.1**	**3845.3**	**2.0%**	**100.0%**
of which: OECD	1006.3	990.0	1013.4	1026.1	1041.4	1040.3	1048.0	986.7	1000.2	1003.7	**973.4**	-3.3%	25.3%
Non-OECD	1395.6	1582.7	1767.9	1916.3	2059.3	2170.8	2276.2	2367.6	2542.5	2755.4	**2871.9**	3.9%	74.7%
European Union	205.0	203.8	199.1	191.3	184.6	181.3	173.4	162.7	160.5	165.0	**165.1**	-0.2%	4.3%
Former Soviet Union	201.4	215.8	222.2	228.5	239.9	242.5	256.2	236.5	250.1	263.8	**278.6**	5.3%	7.2%

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal.
◆Less than 0.05%.
Notes: Coal production data expressed in million tonnes is available at *bp.com/statisticalreview.*
Growth rates are adjusted for leap years.

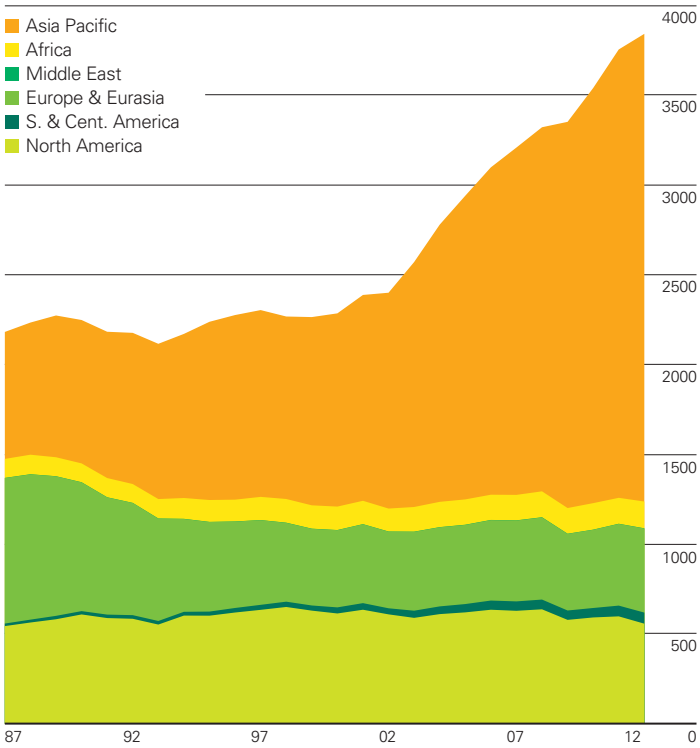
Consumption*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	552.0	562.5	566.1	574.2	565.7	573.3	564.1	496.2	523.9	495.5	**437.8**	-11.9%	11.7%
Canada	31.8	31.7	29.8	30.9	29.9	31.3	29.6	24.4	25.0	22.3	**21.9**	-2.2%	0.6%
Mexico	6.8	7.9	6.6	8.2	8.2	8.2	6.7	7.7	8.5	8.9	**8.8**	-0.7%	0.2%
Total North America	590.5	602.1	602.6	613.3	603.7	612.7	600.4	528.4	557.5	526.7	**468.5**	-11.3%	12.6%
Argentina	0.5	0.7	0.8	0.9	0.3	0.4	1.1	1.2	1.0	0.9	**1.0**	4.4%	◆
Brazil	10.8	11.1	12.0	11.9	11.8	12.6	12.7	10.8	13.3	14.1	**13.5**	-4.4%	0.4%
Chile	2.4	2.3	2.6	2.6	3.2	3.8	4.1	3.7	4.2	5.3	**6.7**	25.1%	0.2%
Colombia	2.2	2.4	2.0	2.7	2.4	2.4	2.8	3.5	4.0	4.3	**4.0**	-7.3%	0.1%
Ecuador	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Peru	0.7	0.7	0.7	0.8	0.6	0.8	0.8	0.8	0.8	0.7	**0.8**	6.0%	◆
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Venezuela	†	†	–	†	†	0.1	0.1	0.2	0.2	0.2	**0.2**	5.3%	◆
Other S. & Cent. America	0.9	2.0	1.8	1.6	1.8	1.9	2.0	1.9	2.0	2.0	**2.0**	2.5%	0.1%
Total S. & Cent. America	17.5	19.2	20.0	20.5	20.2	22.0	23.5	22.0	25.4	27.6	**28.2**	2.0%	0.8%
Austria	3.0	3.3	3.3	3.1	3.1	3.0	2.8	2.3	2.5	2.6	**2.0**	-23.8%	0.1%
Azerbaijan	†	†	†	†	†	†	†	†	†	†	**†**	3.8%	◆
Belarus	0.1	0.1	0.1	0.1	0.1	†	†	†	†	†	**†**	1.2%	◆
Belgium	6.0	5.8	5.6	5.0	4.8	4.4	3.9	3.1	3.3	3.3	**3.0**	-9.5%	0.1%
Bulgaria	6.5	7.2	7.1	6.8	6.9	7.7	7.5	6.4	6.8	8.1	**7.0**	-13.4%	0.2%
Czech Republic	20.6	20.8	20.9	20.4	21.1	21.2	19.9	17.4	18.2	18.0	**16.6**	-7.8%	0.4%
Denmark	4.2	5.7	4.6	3.7	5.6	4.7	4.1	4.0	3.8	3.2	**2.5**	-23.4%	0.1%
Finland	4.1	5.5	5.0	2.9	4.7	4.4	3.0	3.3	4.3	3.4	**2.9**	-15.1%	0.1%
France	12.7	13.6	13.5	13.8	12.5	13.4	12.7	10.5	11.3	9.5	**11.4**	20.1%	0.3%
Germany	84.6	87.2	85.4	82.1	83.5	85.7	80.1	71.7	76.6	76.0	**79.2**	3.9%	2.1%
Greece	9.8	9.4	9.0	8.8	8.1	8.5	8.1	8.1	7.4	7.5	**7.5**	-0.5%	0.2%
Hungary	3.4	3.6	3.3	3.0	3.2	3.4	3.3	2.7	3.0	3.0	**3.0**	-1.9%	0.1%
Republic of Ireland	1.8	1.7	1.8	1.9	1.6	1.6	1.4	1.2	1.2	1.3	**1.5**	16.9%	◆
Italy	13.3	14.0	16.0	16.0	16.4	16.6	16.4	12.9	14.3	16.1	**16.2**	0.3%	0.4%
Kazakhstan	22.8	25.2	26.5	27.2	29.8	31.7	33.4	32.6	31.6	34.0	**35.0**	2.6%	0.9%
Lithuania	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	**0.2**	-5.5%	◆
Netherlands	8.9	9.1	9.1	8.7	8.5	9.0	8.5	7.9	7.9	7.8	**8.5**	8.2%	0.2%
Norway	0.8	0.7	0.8	0.7	0.6	0.7	0.7	0.5	0.6	0.7	**0.7**	-0.5%	◆
Poland	56.7	57.7	57.3	55.7	58.0	57.9	56.0	51.9	56.4	56.1	**54.0**	-4.0%	1.4%
Portugal	4.1	3.8	3.7	3.8	3.8	3.3	2.5	2.9	1.7	2.2	**2.9**	31.4%	0.1%
Romania	7.6	7.8	7.4	7.6	8.5	7.4	7.4	6.6	6.1	7.3	**6.7**	-9.5%	0.2%
Russian Federation	103.0	104.0	99.5	94.2	96.7	93.4	100.4	91.9	90.2	93.7	**93.9**	◆	2.5%
Slovakia	4.0	4.2	4.1	3.9	3.8	3.8	3.7	3.5	3.4	3.3	**3.2**	-3.5%	0.1%
Spain	22.7	21.0	22.0	22.5	19.8	21.9	15.5	11.8	9.8	15.5	**19.3**	24.2%	0.5%
Sweden	2.2	2.2	2.3	2.2	2.3	2.2	2.0	1.6	2.1	2.0	**1.5**	-25.7%	◆
Switzerland	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	6.5%	◆
Turkey	19.3	20.7	21.8	21.8	25.9	28.9	29.2	30.4	30.9	33.1	**31.3**	-5.6%	0.8%
Turkmenistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Ukraine	38.9	40.3	39.1	37.4	39.7	39.7	40.2	35.1	37.9	41.5	**44.6**	6.9%	1.2%
United Kingdom	35.7	38.1	36.6	37.4	40.9	38.4	35.6	29.9	31.0	31.5	**39.1**	24.0%	1.0%
Uzbekistan	1.0	0.7	1.2	1.2	1.7	1.4	1.4	1.1	1.1	1.2	**1.2**	-0.3%	◆
Other Europe & Eurasia	21.9	23.1	23.7	22.1	19.2	20.5	21.0	19.7	21.1	22.5	**22.2**	-1.7%	0.6%
Total Europe & Eurasia	520.1	536.9	531.2	514.5	531.3	535.1	521.0	471.4	484.8	504.6	**516.9**	2.2%	13.9%
Iran	1.1	1.1	1.2	1.3	1.2	1.3	0.9	1.0	0.9	0.9	**0.9**	-2.1%	◆
Israel	7.6	7.9	8.0	7.9	7.8	8.0	7.9	7.7	7.7	7.9	**8.8**	10.8%	0.2%
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Middle East	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	**0.2**	-2.6%	◆
Total Middle East	8.9	9.1	9.2	9.3	9.2	9.5	9.0	8.9	8.8	9.0	**9.9**	9.2%	0.3%
Algeria	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	–	–	**–**	–	–
Egypt	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	**1.1**	1.9%	◆
South Africa	76.2	81.4	85.2	84.4	85.4	90.1	96.9	92.9	90.0	89.1	**89.8**	0.5%	2.4%
Other Africa	7.1	6.3	7.1	7.3	6.8	6.2	6.4	5.4	6.4	6.5	**6.6**	1.1%	0.2%
Total Africa	85.1	89.5	94.2	93.5	94.0	98.0	105.0	99.7	97.4	96.7	**97.5**	0.6%	2.6%
Australia	51.1	49.4	50.8	53.5	56.0	54.1	54.6	54.5	51.6	51.7	**49.3**	-4.9%	1.3%
Bangladesh	0.4	0.4	0.4	0.4	0.5	0.4	0.6	0.6	0.6	0.7	**0.7**	5.8%	◆
China	728.4	868.2	1019.9	1128.3	1250.4	1320.3	1369.2	1470.7	1609.7	1760.8	**1873.3**	6.1%	50.2%
China Hong Kong SAR	5.4	6.6	6.6	6.7	7.0	7.5	7.0	7.6	6.3	7.7	**7.6**	-1.7%	0.2%
India	151.8	156.8	172.3	184.4	195.4	210.3	230.4	251.5	262.7	270.6	**298.3**	9.9%	8.0%
Indonesia	18.0	24.2	22.2	25.4	30.1	37.8	30.1	34.6	41.2	48.9	**50.4**	2.8%	1.4%
Japan	106.6	112.2	120.8	121.3	119.1	125.3	128.7	108.8	123.7	117.7	**124.4**	5.4%	3.3%
Malaysia	3.6	5.3	6.6	6.9	7.3	8.8	9.8	10.6	14.8	14.8	**14.3**	-3.2%	0.4%
New Zealand	1.4	2.0	2.1	2.3	2.2	1.7	2.1	1.6	1.4	1.4	**1.7**	21.3%	◆
Pakistan	2.4	2.9	3.8	4.1	4.2	5.1	5.3	4.7	4.5	4.3	**4.3**	-1.8%	0.1%
Philippines	4.7	4.7	5.0	5.7	5.5	5.9	7.0	6.7	7.7	8.3	**9.4**	13.2%	0.3%
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–
South Korea	49.1	51.1	53.1	54.8	54.8	59.7	66.1	68.6	75.9	83.6	**81.8**	-2.4%	2.2%
Taiwan	32.7	35.1	36.6	38.1	39.6	41.8	40.2	38.7	40.3	41.5	**41.1**	-1.2%	1.1%
Thailand	9.2	9.4	10.4	11.2	12.4	14.1	15.3	14.5	15.3	16.0	**16.0**	-0.3%	0.4%
Vietnam	5.3	5.5	8.2	8.0	9.5	10.1	10.0	14.0	13.9	15.0	**14.9**	-0.8%	0.4%
Other Asia Pacific	19.0	19.5	19.6	21.0	22.6	19.3	21.2	20.7	20.6	21.2	**21.6**	1.6%	0.6%
Total Asia Pacific	1188.9	1353.2	1538.1	1672.1	1816.8	1922.4	1997.4	2108.4	2290.2	2464.2	**2609.1**	5.6%	69.9%
Total World	**2411.0**	**2610.0**	**2795.2**	**2923.2**	**3075.1**	**3199.8**	**3256.3**	**3238.7**	**3464.0**	**3628.8**	**3730.1**	**2.5%**	**100.0%**
of which: OECD	1131.1	1160.2	1171.1	1178.1	1180.2	1204.0	1178.4	1055.7	1117.2	1096.1	**1053.1**	-4.2%	28.2%
Non-OECD	1279.9	1449.8	1624.1	1745.1	1894.9	1995.8	2077.9	2183.0	2346.8	2532.7	**2677.0**	5.4%	71.8%
European Union	316.6	326.9	323.1	314.4	322.2	324.1	299.7	264.4	276.7	283.4	**293.7**	3.4%	7.9%
Former Soviet Union	169.5	174.5	170.9	164.2	171.9	170.9	180.0	164.8	166.1	175.9	**180.2**	2.2%	4.8%

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal.
†Less than 0.05.
◆Less than 0.05%.
Notes: Differences between these world consumption figures and the world production statistics are accounted for by stock changes, and unavoidable disparities in the definition, measurement or conversion of coal supply and demand data.
Growth rates are adjusted for leap years.

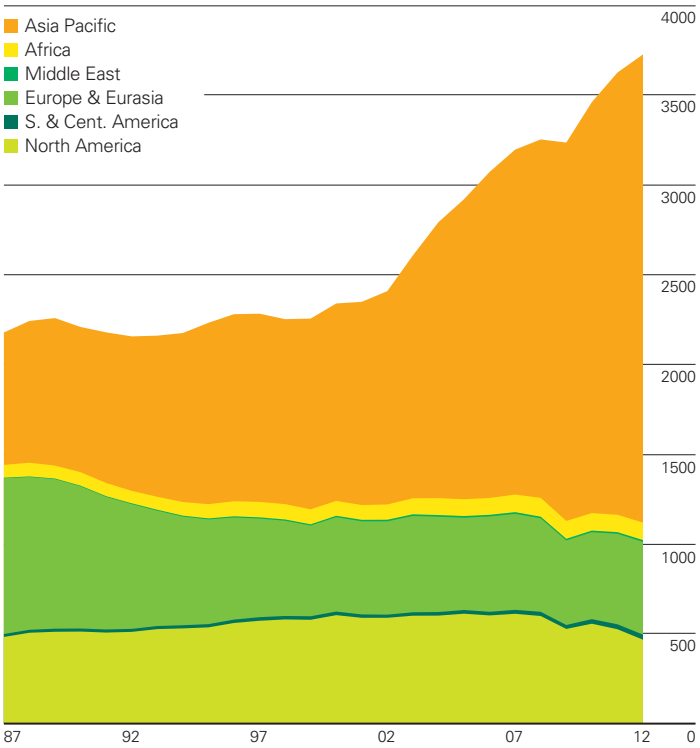
Production by region

Million tonnes oil equivalent



Consumption by region

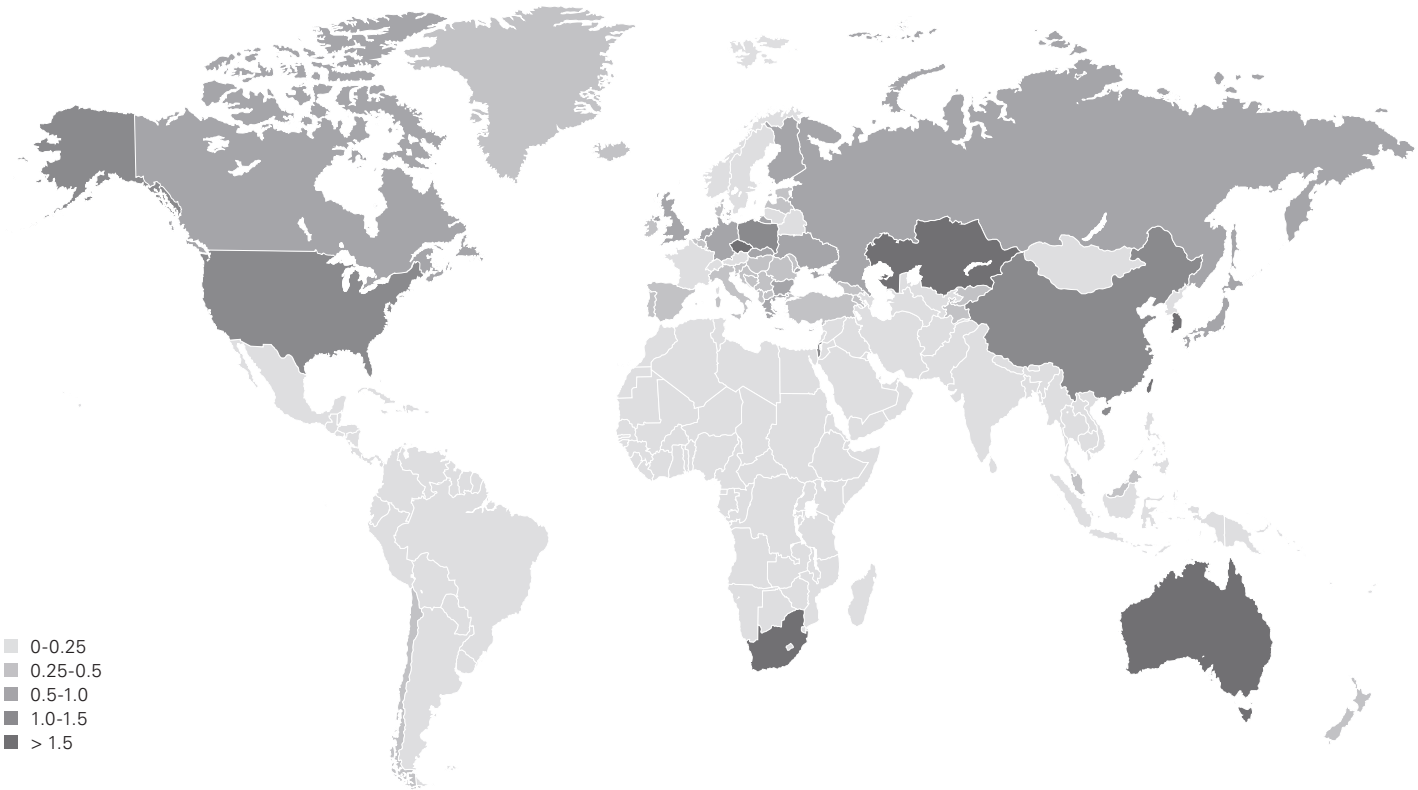
Million tonnes oil equivalent



Global coal production grew by 2%. The Asia Pacific region accounted for all of the net increase, offsetting a large decline in the US. The Asia Pacific region now accounts for more than two-thirds of global output. Coal consumption increased by a below-average 2.5%. The Asia Pacific region was also responsible for all of the net growth in global consumption. A second consecutive large decline in North America (-11.3%) more than offset growth in other regions; EU consumption grew for a third consecutive year.

Consumption per capita 2012

Tonnes oil equivalent



Nuclear energy

Consumption*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	185.8	181.9	187.8	186.3	187.5	192.1	192.0	190.3	192.2	188.2	**183.2**	-2.9%	32.7%
Canada	17.0	16.8	20.3	20.7	22.0	21.0	21.1	20.3	20.3	21.4	**21.7**	0.8%	3.9%
Mexico	2.2	2.4	2.1	2.4	2.5	2.4	2.2	2.4	1.3	2.3	**2.0**	-13.3%	0.4%
Total North America	205.0	201.1	210.2	209.4	212.0	215.4	215.4	213.0	213.8	211.9	**206.9**	-2.6%	36.9%
Argentina	1.3	1.7	1.8	1.6	1.7	1.6	1.6	1.8	1.6	1.3	**1.4**	5.2%	0.3%
Brazil	3.1	3.0	2.6	2.2	3.1	2.8	3.2	2.9	3.3	3.5	**3.6**	2.2%	0.6%
Chile	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Colombia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Ecuador	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Peru	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Venezuela	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other S. & Cent. America	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Total S. & Cent. America	4.4	4.7	4.4	3.8	4.8	4.4	4.8	4.7	4.9	4.9	**5.0**	3.0%	0.9%
Austria	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Azerbaijan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Belarus	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Belgium	10.7	10.7	10.7	10.8	10.6	10.9	10.3	10.7	10.8	10.9	**9.1**	-16.7%	1.6%
Bulgaria	4.6	4.5	4.4	4.2	4.4	3.3	3.6	3.5	3.5	3.7	**3.6**	-3.6%	0.6%
Czech Republic	4.2	5.9	6.0	5.6	5.9	5.9	6.0	6.2	6.3	6.4	**6.9**	6.9%	1.2%
Denmark	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Finland	5.1	5.2	5.2	5.3	5.2	5.4	5.3	5.4	5.2	5.3	**5.3**	-1.2%	0.9%
France	98.8	99.8	101.7	102.4	102.1	99.7	99.6	92.8	96.9	100.0	**96.3**	-4.0%	17.2%
Germany	37.3	37.4	37.8	36.9	37.9	31.8	33.7	30.5	31.8	24.4	**22.5**	-8.1%	4.0%
Greece	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Hungary	3.2	2.5	2.7	3.1	3.0	3.3	3.4	3.5	3.6	3.5	**3.6**	0.4%	0.6%
Republic of Ireland	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Italy	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Kazakhstan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Lithuania	3.2	3.5	3.4	2.3	2.0	2.2	2.2	2.5	–	–	**–**	–	–
Netherlands	0.9	0.9	0.9	0.9	0.8	1.0	0.9	1.0	0.9	0.9	**0.9**	-4.8%	0.2%
Norway	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Poland	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Portugal	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Romania	1.2	1.1	1.3	1.3	1.3	1.7	2.5	2.7	2.6	2.7	**2.6**	-2.7%	0.5%
Russian Federation	32.1	33.6	32.7	33.4	35.4	36.2	36.9	37.0	38.6	39.1	**40.3**	2.7%	7.2%
Slovakia	4.1	4.0	3.9	4.0	4.1	3.5	3.8	3.2	3.3	3.5	**3.5**	0.3%	0.6%
Spain	14.3	14.0	14.4	13.0	13.6	12.5	13.3	11.9	14.0	13.1	**13.9**	6.0%	2.5%
Sweden	15.4	15.3	17.3	16.4	15.2	15.2	14.5	11.9	13.2	13.8	**14.6**	5.5%	2.6%
Switzerland	6.1	6.2	6.1	5.2	6.3	6.3	6.2	6.2	6.0	6.1	**5.8**	-5.0%	1.0%
Turkey	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Turkmenistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Ukraine	17.7	18.4	19.7	20.1	20.4	20.9	20.3	18.8	20.2	20.4	**20.4**	-0.4%	3.6%
United Kingdom	19.9	20.1	18.1	18.5	17.1	14.3	11.9	15.6	14.1	15.6	**15.9**	1.8%	2.8%
Uzbekistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Europe & Eurasia	1.8	1.6	1.8	1.9	1.9	1.9	2.0	1.9	1.8	2.0	**1.8**	-10.8%	0.3%
Total Europe & Eurasia	280.5	284.8	287.9	285.4	287.0	275.9	276.5	265.1	272.9	271.5	**266.9**	-2.0%	47.6%
Iran	–	–	–	–	–	–	–	–	–	†	**0.3**	1252.0%	0.1%
Israel	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Middle East	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Total Middle East	–	–	–	–	–	–	–	–	–	†	**0.3**	1252.0%	0.1%
Algeria	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Egypt	–	–	–	–	–	–	–	–	–	–	**–**	–	–
South Africa	2.9	3.0	3.4	2.9	2.7	2.8	2.7	3.1	3.1	2.9	**3.2**	11.3%	0.6%
Other Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Total Africa	2.9	3.0	3.4	2.9	2.7	2.8	2.7	3.1	3.1	2.9	**3.2**	11.3%	0.6%
Australia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Bangladesh	–	–	–	–	–	–	–	–	–	–	**–**	–	–
China	5.7	9.8	11.4	12.0	12.4	14.1	15.5	15.9	16.7	19.5	**22.0**	12.5%	3.9%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	**–**	–	–
India	4.4	4.1	3.8	4.0	4.0	4.0	3.4	3.8	5.2	7.3	**7.5**	2.6%	1.3%
Indonesia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Japan	71.3	52.1	64.7	66.3	69.0	63.1	57.0	65.0	66.2	36.9	**4.1**	-89.0%	0.7%
Malaysia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
New Zealand	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Pakistan	0.4	0.4	0.5	0.6	0.6	0.6	0.4	0.6	0.6	0.9	**1.3**	46.5%	0.2%
Philippines	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–
South Korea	27.0	29.3	29.6	33.2	33.7	32.3	34.2	33.4	33.6	35.0	**34.0**	-3.1%	6.1%
Taiwan	8.9	8.8	8.9	9.0	9.0	9.2	9.2	9.4	9.4	9.5	**9.1**	-4.3%	1.6%
Thailand	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Vietnam	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Asia Pacific	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Total Asia Pacific	117.7	104.6	119.0	125.2	128.7	123.3	119.7	128.2	131.7	109.1	**78.1**	-28.7%	13.9%
Total World	**610.5**	**598.3**	**624.9**	**626.7**	**635.2**	**621.8**	**619.0**	**614.1**	**626.4**	**600.4**	**560.4**	**-6.9%**	**100.0%**
of which: OECD	524.5	505.7	530.4	532.4	537.6	521.8	516.8	511.6	521.1	488.9	**444.5**	-9.3%	79.3%
Non-OECD	86.0	92.6	94.6	94.3	97.6	100.1	102.2	102.5	105.2	111.5	**115.9**	3.7%	20.7%
European Union	224.2	226.0	228.9	226.0	224.3	211.9	212.5	202.5	207.6	205.3	**199.8**	-2.9%	35.7%
Former Soviet Union	53.4	56.0	56.4	56.4	58.4	60.0	60.0	58.8	59.3	60.1	**61.2**	1.6%	10.9%

*Based on gross generation and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.
†Less than 0.05.
Notes: Nuclear energy data expressed in terawatt-hours is available at *bp.com/statisticalreview*.
Growth rates are adjusted for leap years.

Hydroelectricity

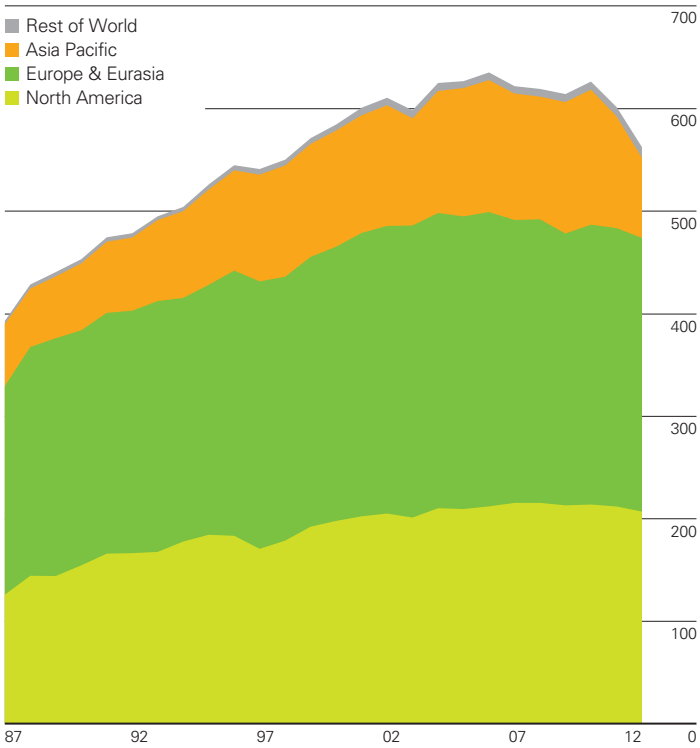
Consumption*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
US	60.4	63.0	61.3	61.8	66.1	56.6	58.2	62.5	59.5	73.0	**63.2**	-13.6%	7.6%
Canada	79.1	76.1	76.6	82.1	80.2	83.6	85.2	82.9	79.4	85.2	**86.0**	0.7%	10.4%
Mexico	5.6	4.5	5.7	6.2	6.9	6.1	8.8	6.0	8.3	8.1	**7.1**	-12.9%	0.9%
Total North America	145.1	143.6	143.6	150.1	153.2	146.3	152.2	151.4	147.2	166.3	**156.3**	-6.3%	18.8%
Argentina	9.4	8.8	8.0	9.0	9.8	8.5	8.4	9.2	9.2	9.0	**8.4**	-7.0%	1.0%
Brazil	64.7	69.2	72.6	76.4	78.9	84.6	83.6	88.5	91.2	96.9	**94.5**	-2.8%	11.4%
Chile	5.2	5.2	4.9	6.0	6.6	5.2	5.4	5.6	4.9	4.7	**4.6**	-2.5%	0.6%
Colombia	7.7	8.2	8.7	8.9	9.2	9.5	9.9	9.3	9.1	10.9	**10.8**	-1.7%	1.3%
Ecuador	1.7	1.6	1.6	1.5	1.6	2.0	2.5	2.1	2.0	2.5	**2.8**	9.6%	0.3%
Peru	4.1	4.2	4.0	4.1	4.4	4.4	4.3	4.5	4.5	4.9	**5.0**	1.8%	0.6%
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Venezuela	13.5	13.7	15.9	17.5	18.5	18.8	19.6	19.5	17.4	18.8	**18.6**	-1.8%	2.2%
Other S. & Cent. America	17.8	18.1	17.7	18.3	18.4	19.4	19.4	19.2	20.3	20.1	**21.1**	5.0%	2.5%
Total S. & Cent. America	124.1	129.0	133.4	141.5	147.4	152.4	153.2	157.8	158.6	167.9	**165.7**	-1.6%	19.9%
Austria	9.1	7.5	8.3	8.3	8.1	8.4	8.7	9.2	8.7	6.8	**8.9**	30.1%	1.1%
Azerbaijan	0.5	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.8	0.6	**0.4**	-32.1%	♦
Belarus	†	†	†	†	†	†	†	†	†	†	**†**	9.7%	♦
Belgium	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	†	**0.1**	90.6%	♦
Bulgaria	0.5	0.7	0.7	1.0	0.9	0.7	0.7	0.8	1.1	0.7	**0.7**	10.3%	0.1%
Czech Republic	0.6	0.4	0.6	0.7	0.7	0.6	0.5	0.7	0.8	0.6	**0.7**	6.7%	0.1%
Denmark	†	†	†	†	†	†	†	†	†	†	**†**	3.3%	♦
Finland	2.4	2.1	3.4	3.1	2.6	3.2	3.9	2.9	2.9	2.8	**3.8**	34.7%	0.5%
France	13.9	13.5	13.5	11.8	12.7	13.2	13.6	13.0	14.3	10.3	**13.2**	27.4%	1.6%
Germany	5.4	4.0	4.5	4.4	4.5	4.8	4.6	4.3	4.8	4.0	**4.8**	19.4%	0.6%
Greece	0.8	1.2	1.2	1.3	1.5	0.8	0.9	1.3	1.7	0.9	**1.0**	6.6%	0.1%
Hungary	†	†	†	†	†	†	†	0.1	†	0.1	**†**	-7.2%	♦
Republic of Ireland	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	**0.2**	41.0%	♦
Italy	8.9	8.3	9.6	8.2	8.4	7.4	9.4	11.1	11.6	10.4	**9.4**	-9.8%	1.1%
Kazakhstan	2.0	2.0	1.8	1.8	1.8	1.8	1.7	1.6	1.8	1.8	**1.8**	1.2%	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**	-42.7%	♦
Netherlands	†	†	†	†	†	†	†	†	†	†	**†**	85.5%	♦
Norway	29.4	24.0	24.7	30.9	27.1	30.6	31.8	28.8	26.7	27.6	**32.3**	16.7%	3.9%
Poland	0.9	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	**0.5**	-12.9%	0.1%
Portugal	1.9	3.6	2.3	1.2	2.6	2.3	1.7	2.0	3.8	2.8	**1.5**	-45.7%	0.2%
Romania	3.6	3.0	3.7	4.6	4.2	3.6	3.9	3.6	4.5	3.4	**2.8**	-18.9%	0.3%
Russian Federation	37.1	35.7	40.2	39.5	39.6	40.5	37.7	39.9	38.1	37.9	**37.8**	-0.6%	4.5%
Slovakia	1.2	0.8	1.0	1.1	1.0	1.0	1.0	1.0	1.3	0.9	**1.0**	5.5%	0.1%
Spain	5.2	9.3	7.2	4.0	5.8	6.2	5.3	6.0	9.6	6.9	**4.6**	-33.2%	0.6%
Sweden	15.0	12.1	13.7	16.5	14.0	15.0	15.7	14.9	15.1	15.1	**17.8**	17.8%	2.1%
Switzerland	8.0	7.9	7.6	7.1	7.0	8.0	8.2	8.1	8.2	7.2	**8.6**	19.3%	1.0%
Turkey	7.6	8.0	10.4	9.0	10.0	8.1	7.5	8.1	11.7	11.8	**13.1**	10.3%	1.6%
Turkmenistan	†	†	†	†	†	†	†	†	†	†	**†**	♦	♦
Ukraine	2.2	2.1	2.7	2.8	2.9	2.3	2.6	2.7	2.9	2.4	**2.4**	-0.4%	0.3%
United Kingdom	1.1	0.7	1.1	1.1	1.0	1.1	1.2	1.2	0.8	1.3	**1.2**	-8.3%	0.1%
Uzbekistan	1.6	1.7	1.6	1.4	1.4	1.4	2.6	2.1	2.3	2.3	**2.3**	-1.3%	0.3%
Other Europe & Eurasia	16.8	17.7	18.9	19.1	18.4	17.7	18.5	20.2	23.4	19.5	**19.8**	1.3%	2.4%
Total Europe & Eurasia	176.3	168.0	180.2	180.2	177.7	180.2	183.0	184.9	197.9	179.0	**190.8**	6.3%	23.0%
Iran	1.8	2.2	2.7	3.0	4.2	4.1	1.7	1.5	2.2	2.2	**2.9**	28.3%	0.3%
Israel	†	†	†	†	†	†	†	†	†	†	**†**	♦	♦
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Middle East	1.1	1.0	1.3	2.4	2.5	2.2	1.5	1.3	1.9	2.1	**2.2**	8.0%	0.3%
Total Middle East	2.9	3.2	4.0	5.3	6.6	6.3	3.2	2.8	4.0	4.3	**5.1**	18.5%	0.6%
Algeria	†	0.1	0.1	0.1	†	0.1	0.1	0.1	†	0.1	**0.1**	2.6%	♦
Egypt	3.2	2.9	2.9	2.9	2.9	3.5	3.3	2.9	3.0	2.9	**3.0**	3.0%	0.4%
South Africa	0.5	0.2	0.2	0.2	0.3	0.6	0.2	0.2	0.3	0.4	**0.4**	-3.1%	0.1%
Other Africa	15.0	15.1	16.5	17.3	18.0	17.5	17.8	18.8	20.1	19.0	**20.6**	8.1%	2.5%
Total Africa	18.7	18.2	19.6	20.4	21.3	21.6	21.4	22.0	23.4	22.5	**24.1**	7.2%	2.9%
Australia	3.6	3.7	3.6	3.6	3.6	3.3	2.7	2.5	2.9	3.4	**4.1**	19.7%	0.5%
Bangladesh	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	**0.4**	-3.8%	♦
China	65.2	64.2	80.0	89.8	98.6	109.8	132.4	139.3	163.4	158.2	**194.8**	22.8%	23.4%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	**–**	–	–
India	15.5	15.7	19.0	22.0	25.4	27.7	26.0	24.0	25.0	29.8	**26.2**	-12.3%	3.1%
Indonesia	2.3	2.1	2.2	2.4	2.2	2.6	2.6	2.6	3.9	2.8	**2.9**	2.7%	0.3%
Japan	18.9	21.1	21.1	17.9	20.4	17.5	17.5	16.4	20.6	19.4	**18.3**	-5.7%	2.2%
Malaysia	1.2	1.3	1.3	1.2	1.6	1.5	2.0	1.6	1.6	1.9	**1.8**	-1.6%	0.2%
New Zealand	5.6	5.3	6.1	5.3	5.3	5.3	5.1	5.5	5.6	5.7	**5.2**	-9.4%	0.6%
Pakistan	4.6	5.8	5.5	6.9	6.8	7.1	6.1	6.4	6.7	6.9	**6.4**	-6.7%	0.8%
Philippines	1.6	1.8	1.9	1.9	2.2	1.9	2.2	2.2	1.8	2.2	**2.5**	11.6%	0.3%
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–
South Korea	0.7	1.1	1.0	0.8	0.8	0.8	0.7	0.6	0.8	1.0	**0.7**	-32.2%	0.1%
Taiwan	0.6	0.7	0.7	0.9	0.9	1.0	0.9	0.8	0.9	0.9	**1.2**	41.3%	0.1%
Thailand	1.7	1.7	1.4	1.3	1.8	1.8	1.6	1.6	1.3	1.8	**2.0**	6.2%	0.2%
Vietnam	4.1	4.3	4.3	3.7	4.5	5.1	5.9	6.8	6.2	9.3	**11.9**	28.7%	1.4%
Other Asia Pacific	5.5	6.0	6.1	6.5	7.4	8.1	8.5	8.2	10.0	11.2	**10.7**	-4.7%	1.3%
Total Asia Pacific	131.4	135.0	154.3	164.6	181.9	193.9	214.6	218.9	251.0	254.7	**289.0**	13.2%	34.8%
Total World	**598.5**	**597.1**	**635.2**	**662.2**	**688.1**	**700.7**	**727.6**	**737.7**	**782.1**	**794.7**	**831.1**	**4.3%**	**100.0%**
of which: OECD	293.4	286.9	292.7	295.3	300.2	292.7	302.2	299.5	308.7	314.5	**315.6**	0.1%	38.0%
Non-OECD	305.1	310.1	342.5	366.9	387.8	408.1	425.4	438.3	473.4	480.2	**515.5**	7.1%	62.0%
European Union	72.4	69.7	73.3	69.6	70.3	70.6	73.6	74.9	83.9	69.3	**74.0**	6.5%	8.9%
Former Soviet Union	51.9	51.2	56.2	55.8	55.5	56.4	53.9	55.6	55.8	55.1	**54.9**	-0.6%	6.6%

*Based on gross primary generation and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.
†Less than 0.05.
♦Less than 0.05%.
Notes: Hydroelectricity data expressed in terawatt-hours is available at *bp.com/statisticalreview.*
Growth rates are adjusted for leap years.

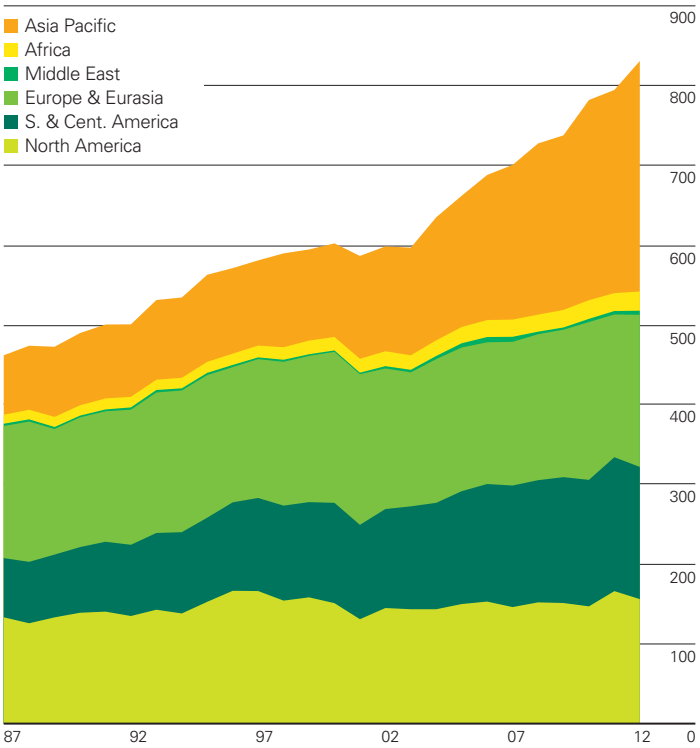
Nuclear energy consumption by region

Million tonnes oil equivalent



Hydroelectricity consumption by region

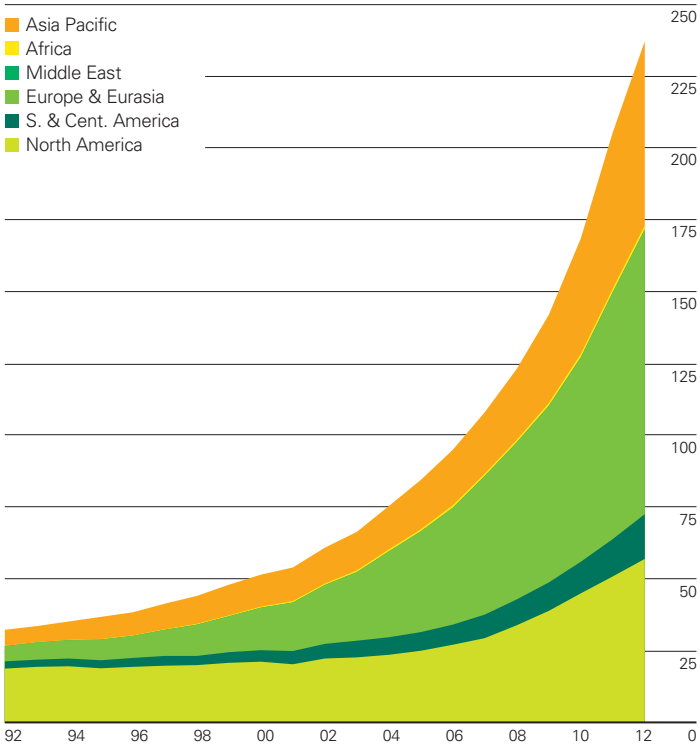
Million tonnes oil equivalent



World nuclear power generation declined by 6.9%, the largest decline on record for a second consecutive year. Japanese nuclear output fell by 89%. Nuclear's share of global primary energy was the lowest since 1984. Global hydroelectric output grew by an above-average 4.3%. China accounted for all of the net increase, recording the largest national annual increment in our data set.

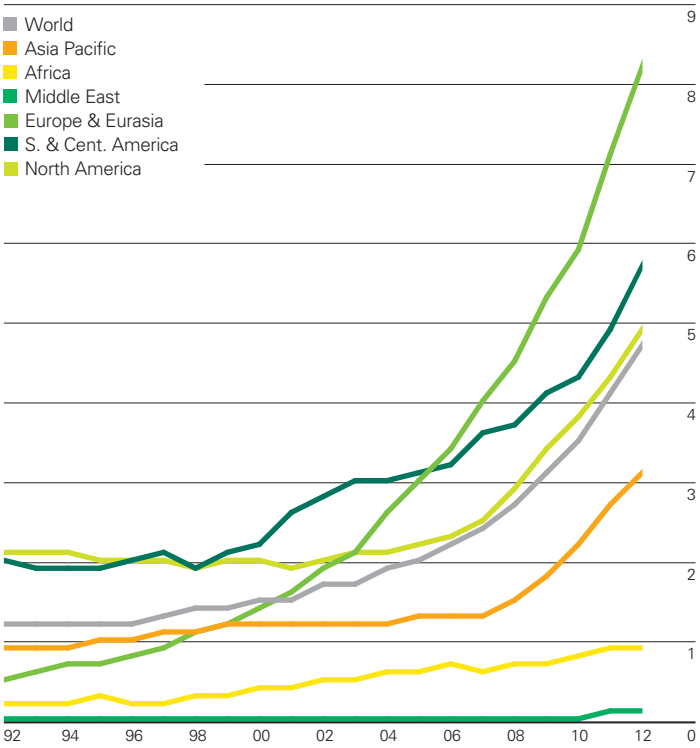
Other renewables consumption by region

Million tonnes oil equivalent



Other renewables share of power generation by region

Percentage



Renewable energy in power generation grew by an above-average 15.2%. Europe & Eurasia delivered the largest growth increment and continues to hold the largest regional share of the global total (accounting for 41.7% of the world total). Renewable energy accounted for a record 4.7% of global power generation, with an 8.2% share in Europe & Eurasia.

Renewable energy

Other renewables consumption*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	18.7	18.8	19.6	20.6	22.7	24.7	29.5	33.6	38.9	45.0	**50.7**	12.3%	21.4%
Canada	2.3	2.3	2.3	2.5	2.6	2.7	2.6	3.4	4.1	3.9	**4.3**	10.5%	1.8%
Mexico	1.3	1.6	1.7	1.8	1.7	1.9	1.8	1.9	2.0	2.0	**2.0**	-1.7%	0.8%
Total North America	22.3	22.7	23.6	25.0	27.1	29.4	33.9	38.9	45.0	50.9	**57.0**	11.6%	24.0%
Argentina	0.2	0.3	0.3	0.3	0.7	0.7	0.7	0.7	0.5	0.5	**0.6**	13.4%	0.3%
Brazil	3.1	3.5	3.7	4.2	4.3	5.0	5.5	5.9	7.3	9.0	**11.2**	24.5%	4.7%
Chile	0.5	0.4	0.5	0.4	0.3	0.6	0.7	1.0	0.6	0.9	**0.9**	1.5%	0.4%
Colombia	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	0.7%	0.1%
Ecuador	–	–	†	†	†	†	†	†	0.1	0.1	**0.1**	5.9%	◆
Peru	†	†	†	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.2**	6.6%	0.1%
Trinidad & Tobago	†	†	†	†	†	†	†	†	†	†	**†**	–	◆
Venezuela	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other S. & Cent. America	1.1	1.4	1.4	1.3	1.3	1.5	1.7	2.0	2.1	2.1	**2.4**	14.1%	1.0%
Total S. & Cent. America	5.1	5.8	6.1	6.5	7.0	8.2	9.0	9.9	11.0	13.0	**15.6**	20.1%	6.6%
Austria	0.4	0.5	0.7	0.9	1.2	1.4	1.4	1.4	1.5	1.5	**1.6**	8.9%	0.7%
Azerbaijan	–	–	–	–	–	–	–	†	†	–	**–**	–	–
Belarus	–	–	†	†	†	†	†	†	0.1	0.1	**0.1**	◆	◆
Belgium	0.4	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.8	2.2	**2.6**	16.4%	1.1%
Bulgaria	–	–	†	†	†	†	†	0.1	0.2	0.2	**0.3**	42.2%	0.1%
Czech Republic	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.7	1.2	**1.3**	12.4%	0.6%
Denmark	1.5	1.8	2.2	2.2	2.1	2.3	2.3	2.3	2.8	3.2	**3.4**	4.2%	1.4%
Finland	2.0	2.1	2.4	2.2	2.5	2.3	2.4	2.0	2.5	2.6	**2.6**	0.1%	1.1%
France	0.8	0.9	1.0	1.1	1.4	1.9	2.3	2.8	3.4	4.4	**5.4**	22.8%	2.3%
Germany	5.0	6.2	8.2	9.6	11.7	15.2	16.4	17.1	18.9	24.0	**26.0**	8.2%	10.9%
Greece	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.9	**1.1**	21.3%	0.5%
Hungary	†	†	0.2	0.4	0.3	0.3	0.5	0.6	0.6	0.6	**0.6**	5.1%	0.2%
Republic of Ireland	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	1.1	**1.0**	-4.1%	0.4%
Italy	2.2	2.6	2.9	3.1	3.5	3.8	4.1	4.6	5.8	8.4	**10.9**	29.5%	4.6%
Kazakhstan	–	–	–	–	†	†	†	†	†	†	**†**	◆	◆
Lithuania	†	†	†	†	†	†	†	0.1	0.1	0.1	**0.2**	11.9%	0.1%
Netherlands	0.9	0.9	1.2	1.7	1.8	1.7	2.1	2.4	2.5	2.8	**2.7**	-1.3%	1.2%
Norway	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	**0.5**	14.3%	0.2%
Poland	0.1	0.1	0.2	0.4	0.5	0.7	1.0	1.4	1.8	2.4	**3.1**	28.0%	1.3%
Portugal	0.5	0.5	0.6	0.8	1.1	1.4	1.8	2.3	2.8	2.8	**3.1**	10.1%	1.3%
Romania	–	†	†	†	†	†	†	†	0.1	0.3	**0.6**	102.3%	0.3%
Russian Federation	†	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	5.9%	0.1%
Slovakia	†	†	†	†	0.1	0.1	0.1	0.1	0.2	0.2	**0.3**	24.1%	0.1%
Spain	2.9	3.6	4.4	5.6	6.2	7.2	8.7	10.7	12.5	12.6	**14.9**	18.3%	6.3%
Sweden	1.1	1.2	1.8	1.9	2.1	2.5	2.8	3.1	3.5	4.0	**4.2**	6.0%	1.8%
Switzerland	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	**0.4**	10.1%	0.2%
Turkey	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.9	1.3	**1.6**	21.6%	0.7%
Turkmenistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Ukraine	†	†	†	†	†	†	†	†	†	†	**0.1**	386.9%	0.1%
United Kingdom	1.4	1.7	2.1	2.7	3.1	3.3	3.8	4.5	5.0	6.6	**8.4**	28.2%	3.5%
Uzbekistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Other Europe & Eurasia	0.4	0.4	0.4	0.5	0.7	1.0	1.1	1.2	1.3	1.4	**1.7**	15.4%	0.7%
Total Europe & Eurasia	20.5	23.9	29.9	35.1	40.7	48.3	54.7	61.4	71.1	85.9	**99.1**	15.1%	41.7%
Iran	–	–	†	†	†	†	†	0.1	†	†	**†**	◆	◆
Israel	†	†	†	†	†	†	†	†	†	0.1	**0.1**	46.3%	◆
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–
United Arab Emirates	–	–	–	–	–	–	–	†	†	†	**†**	◆	◆
Other Middle East	†	†	†	†	†	†	†	†	†	†	**†**	◆	◆
Total Middle East	†	†	†	†	†	†	†	0.1	0.1	0.1	**0.1**	27.5%	0.1%
Algeria	–	–	–	–	–	–	–	–	–	†	**0.1**	86.6%	◆
Egypt	†	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	**0.3**	1.1%	0.1%
South Africa	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	–	◆
Other Africa	0.4	0.5	0.5	0.6	0.7	0.6	0.6	0.7	0.9	0.9	**0.9**	4.0%	0.4%
Total Africa	0.5	0.6	0.7	0.7	0.9	0.8	0.9	1.0	1.2	1.3	**1.4**	4.8%	0.6%
Australia	0.4	0.6	0.8	1.2	1.4	1.6	1.7	1.7	1.9	2.2	**2.8**	23.3%	1.2%
Bangladesh	†	†	†	†	†	†	†	†	†	†	**†**	◆	◆
China	0.8	0.8	0.9	1.1	1.5	1.9	3.6	6.9	14.1	25.4	**31.9**	25.1%	13.4%
China Hong Kong SAR	–	–	–	–	†	†	†	†	†	†	**†**	22.0%	◆
India	1.0	1.2	1.9	2.3	3.3	4.0	4.8	6.3	7.6	9.2	**10.9**	18.4%	4.6%
Indonesia	1.4	1.4	1.5	1.5	1.5	1.6	1.9	2.1	2.1	2.2	**2.2**	2.0%	0.9%
Japan	4.8	5.2	5.4	6.5	6.6	6.9	6.8	6.8	7.2	7.5	**8.2**	8.5%	3.4%
Malaysia	–	–	–	–	–	†	†	0.3	0.3	0.3	**0.3**	-3.3%	0.1%
New Zealand	0.8	0.7	0.8	1.0	1.0	1.1	1.3	1.6	1.8	2.0	**2.0**	1.8%	0.8%
Pakistan	–	–	–	–	–	–	–	†	†	†	**†**	–	◆
Philippines	2.3	2.1	2.3	2.2	2.4	2.3	2.4	2.4	2.3	2.3	**2.3**	1.9%	1.0%
Singapore	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	**0.3**	-3.1%	0.1%
South Korea	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.7	**0.8**	13.7%	0.3%
Taiwan	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	1.0	1.2	**1.1**	-1.8%	0.5%
Thailand	0.2	0.3	0.3	0.4	0.3	0.4	0.6	0.7	0.8	0.9	**1.2**	23.3%	0.5%
Vietnam	–	–	–	†	†	†	†	†	†	†	**†**	◆	◆
Other Asia Pacific	†	†	†	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	0.2%	0.1%
Total Asia Pacific	12.5	13.4	15.1	17.2	19.3	21.4	24.7	30.7	40.2	54.4	**64.1**	17.7%	27.0%
Total World	**60.9**	**66.4**	**75.5**	**84.6**	**95.0**	**108.1**	**123.2**	**142.0**	**168.6**	**205.6**	**237.4**	**15.2%**	**100.0%**
of which: OECD	49.2	53.5	61.1	69.1	77.1	88.0	99.2	111.5	127.6	149.1	**169.2**	13.2%	71.3%
Non-OECD	11.7	12.8	14.4	15.5	17.9	20.1	24.1	30.5	41.0	56.4	**68.2**	20.5%	28.7%
European Union	19.7	23.1	29.0	34.1	39.4	46.5	52.7	59.1	68.3	82.5	**95.0**	14.9%	40.0%
Former Soviet Union	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.5	**0.6**	33.5%	0.3%

*Based on gross generation from renewable sources including wind, geothermal, solar, biomass and waste, and not accounting for cross-border electricity supply. Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.
†Less than 0.05.
◆Less than 0.05%.
Notes: Other renewables data expressed in terawatt-hours is available at *bp.com/statisticalreview*.
Growth rates are adjusted for leap years.

Biofuels production

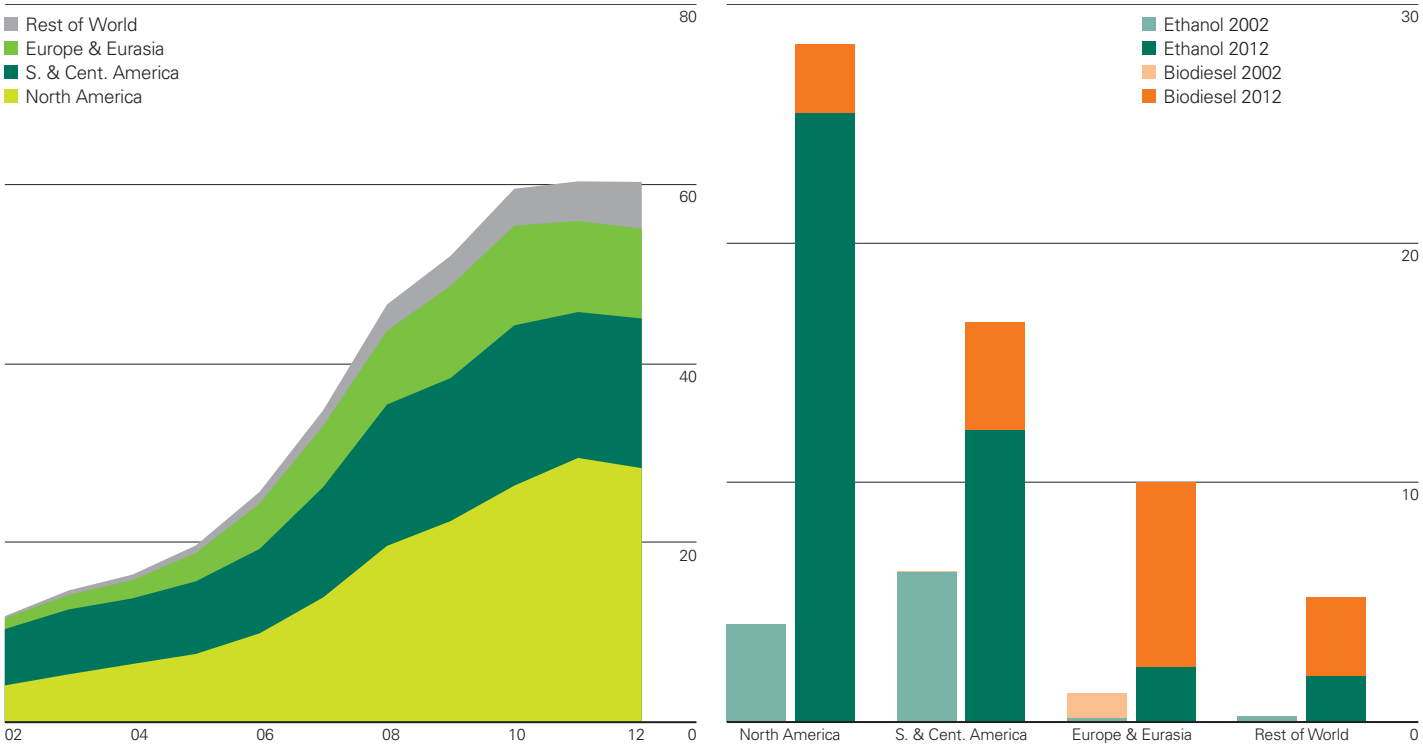
Thousand tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	**2012**	Change 2012 over 2011	2012 share of total
US	3987	5226	6374	7478	9746	13456	19149	21697	25568	28518	**27360**	-4.3%	45.4%
Canada	113	113	114	133	160	461	501	721	790	929	**949**	1.9%	1.6%
Total North America	4100	5339	6488	7612	9906	13922	19654	22422	26371	29459	**28321**	-4.1%	47.0%
Argentina	9	9	9	9	29	228	632	1048	1656	2218	**2267**	1.9%	3.8%
Brazil	6149	7068	7154	7835	8729	11323	14093	13962	15575	13197	**13547**	2.4%	22.5%
Colombia	–	–	–	14	131	141	239	326	318	386	**403**	4.0%	0.7%
Other S. & Cent. America	123	151	148	235	515	610	787	606	314	457	**458**	–	0.8%
Total S. & Cent. America	6280	7227	7311	8093	9405	12303	15751	15942	17863	16259	**16675**	2.3%	27.7%
Austria	22	26	48	70	105	220	263	354	375	370	**370**	-0.3%	0.6%
Belgium	–	–	–	1	21	140	278	473	462	503	**510**	1.1%	0.8%
Finland	–	–	1	6	11	51	96	267	363	363	**363**	-0.3%	0.6%
France	337	368	387	439	665	1121	2012	2312	2269	1859	**1820**	-2.4%	3.0%
Germany	385	613	890	1525	2488	3181	2720	2728	2888	2825	**2894**	2.2%	4.8%
Italy	180	232	272	340	585	443	617	758	670	456	**313**	-31.6%	0.5%
Netherlands	–	–	6	3	22	80	77	241	385	559	**459**	-18.0%	0.8%
Poland	–	28	6	109	144	96	278	393	421	398	**630**	57.9%	1.0%
Portugal	–	–	–	1	70	153	145	202	275	293	**338**	15.0%	0.6%
Spain	122	173	210	282	251	352	359	958	1267	809	**575**	-29.1%	1.0%
Sweden	31	32	43	48	81	139	171	238	214	212	**227**	6.6%	0.4%
United Kingdom	3	9	9	39	219	359	276	180	304	253	**321**	26.2%	0.5%
Other Europe & Eurasia	126	138	165	293	395	491	931	1175	1231	1242	**1203**	-3.4%	2.0%
Total Europe & Eurasia	1206	1619	2037	3157	5058	6826	8224	10280	11125	10143	**10022**	-1.5%	16.6%
Total Middle East	–	–	–	–	–	–	–	–	4	4	**4**	–	♦
Total Africa	6	6	6	6	6	6	11	15	30	23	**23**	–	♦
Australia	–	–	4	20	54	70	111	174	251	265	**251**	-5.6%	0.4%
China	146	396	493	622	846	901	1096	1124	1441	1597	**1729**	8.0%	2.9%
India	91	94	99	114	134	136	161	183	164	210	**294**	39.9%	0.5%
Indonesia	–	–	–	9	44	216	528	464	718	1104	**1212**	9.4%	2.0%
South Korea	1	2	4	9	39	74	141	343	491	211	**211**	-0.3%	0.4%
Thailand	–	–	3	52	80	138	494	618	661	721	**994**	37.5%	1.6%
Other Asia Pacific	–	–	–	10	106	196	385	422	345	289	**483**	66.5%	0.8%
Total Asia Pacific	238	491	604	834	1304	1732	2916	3329	4071	4397	**5174**	17.3%	8.6%
Total World	**11830**	**14682**	**16446**	**19701**	**25678**	**34788**	**46556**	**51988**	**59465**	**60286**	**60220**	**-0.4%**	**100.0%**
of which: OECD	5307	6960	8522	10779	15021	20780	27900	32897	37928	39726	**38457**	-3.5%	63.9%
Non-OECD	6523	7722	7924	8922	10657	14008	18656	19091	21536	20560	**21763**	5.6%	36.1%
European Union	1206	1619	2028	3133	5007	6748	8078	10096	10976	9998	**9878**	-1.5%	16.4%
Former Soviet Union	–	–	11	22	28	50	130	210	182	159	**174**	9.4%	0.3%

♦Less than 0.05%.
Notes: Consumption of fuel ethanol and biodiesel is included in oil consumption tables.
Growth rates are adjusted for leap years.

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

World biofuels production

Million tonnes oil equivalent



World biofuels production declined by 0.4% in 2012, the first decline since 2000. Increased output in South America and Asia Pacific was outweighed by declines in North America and Europe. Global ethanol output declined by 1.7%, the second straight annual decline. Biodiesel production grew by 2.7% and has doubled in the last five years and now makes up 31% of total biofuel supply.

1 Primary energy

Consumption*

Million tonnes oil equivalent	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Change 2012 over 2011	2012 share of total
US	2295.5	2302.3	2348.8	2351.2	2332.7	2372.7	2319.8	2205.8	2281.2	2265.2	**2208.8**	-2.8%	17.7%
Canada	305.1	312.1	315.5	324.1	321.4	327.5	326.1	311.7	315.6	328.6	**328.8**	-0.2%	2.6%
Mexico	140.5	147.6	153.4	164.5	168.8	167.8	170.8	171.7	173.9	180.5	**187.7**	3.7%	1.5%
Total North America	2741.1	2762.1	2817.7	2839.8	2822.9	2867.9	2816.7	2689.2	2770.8	2774.3	**2725.4**	-2.0%	21.8%
Argentina	56.7	61.1	64.4	68.8	71.8	74.7	76.5	75.7	77.3	80.4	**82.1**	1.9%	0.7%
Brazil	186.1	189.7	199.9	206.5	212.4	225.9	236.0	235.2	257.5	269.7	**274.7**	1.6%	2.2%
Chile	25.2	25.7	27.3	28.3	30.3	30.7	30.4	30.6	29.9	33.3	**35.5**	6.4%	0.3%
Colombia	25.5	26.2	26.8	28.2	28.8	29.5	30.4	31.9	33.3	35.9	**36.5**	1.3%	0.3%
Ecuador	8.6	8.9	9.2	9.7	10.3	10.9	11.6	11.5	12.8	13.6	**14.4**	5.7%	0.1%
Peru	12.1	12.0	12.8	13.4	13.6	14.9	16.2	16.6	18.9	20.6	**22.3**	7.9%	0.2%
Trinidad & Tobago	12.1	13.2	14.5	15.9	20.5	21.4	21.0	21.7	22.8	22.4	**21.2**	-5.8%	0.2%
Venezuela	69.4	61.4	68.6	71.0	77.1	76.0	83.0	82.3	83.2	84.7	**86.8**	2.3%	0.7%
Other S. & Cent. America	79.2	82.8	83.3	82.9	84.6	86.9	85.1	84.7	87.3	89.0	**91.8**	2.9%	0.7%
Total S. & Cent. America	474.9	480.9	506.8	524.8	549.4	570.9	590.3	590.2	623.0	649.5	**665.3**	2.2%	5.3%
Austria	33.3	34.0	34.7	35.2	35.0	34.2	34.8	34.1	35.2	32.0	**33.1**	3.2%	0.3%
Azerbaijan	10.9	11.8	12.6	13.8	13.6	12.3	12.3	10.9	10.7	11.9	**12.2**	2.5%	0.1%
Belarus	21.7	21.3	23.4	23.8	25.3	24.4	25.7	24.0	25.2	25.6	**25.9**	1.1%	0.2%
Belgium	62.3	65.2	65.0	64.6	64.7	65.0	67.2	62.7	66.4	63.7	**60.6**	-5.1%	0.5%
Bulgaria	18.2	19.3	19.0	19.6	20.0	19.4	19.5	17.0	17.8	19.1	**17.9**	-6.4%	0.1%
Czech Republic	41.6	43.7	45.3	45.3	46.1	45.5	44.5	41.8	43.5	42.8	**41.9**	-2.3%	0.3%
Denmark	19.9	21.4	20.5	19.8	21.9	20.9	20.0	18.8	19.6	18.3	**17.0**	-7.6%	0.1%
Finland	28.2	30.4	30.4	28.1	29.4	29.4	28.7	26.7	28.9	26.9	**26.4**	-2.0%	0.2%
France	255.8	259.9	264.3	263.0	261.3	257.9	258.9	245.0	253.1	244.7	**245.4**	◆	2.0%
Germany	334.0	336.8	337.1	333.1	339.6	324.5	326.8	307.7	322.4	307.5	**311.7**	1.1%	2.5%
Greece	33.0	32.7	34.2	33.9	34.9	34.9	34.5	33.1	31.1	30.4	**28.8**	-5.7%	0.2%
Hungary	23.6	24.2	24.3	26.0	25.8	25.5	25.2	23.0	23.7	23.0	**21.9**	-4.9%	0.2%
Republic of Ireland	14.5	14.2	14.6	15.1	15.5	15.9	15.7	14.4	14.4	13.3	**13.0**	-3.1%	0.1%
Italy	175.4	181.0	184.6	185.1	184.6	181.8	180.4	168.1	173.2	169.6	**162.5**	-4.4%	1.3%
Kazakhstan	40.9	44.6	44.6	47.2	50.7	52.4	53.3	50.1	50.0	55.7	**58.1**	4.1%	0.5%
Lithuania	8.5	8.9	9.0	8.3	8.0	8.6	8.6	7.8	5.9	6.1	**6.0**	-2.4%	◆
Netherlands	91.2	92.0	95.0	96.7	96.1	95.6	93.6	92.3	96.5	91.9	**89.1**	-3.3%	0.7%
Norway	43.6	39.2	39.9	46.0	42.4	46.1	47.1	43.9	42.1	43.2	**48.1**	11.1%	0.4%
Poland	87.7	90.1	91.4	91.2	94.7	95.7	96.2	92.1	99.5	99.8	**97.6**	-2.4%	0.8%
Portugal	25.5	25.8	25.4	25.6	25.5	25.4	23.8	24.2	25.4	24.1	**22.7**	-6.1%	0.2%
Romania	38.6	37.8	39.0	39.8	40.6	37.5	38.5	34.0	34.3	35.4	**33.6**	-5.2%	0.3%
Russian Federation	628.2	642.2	649.2	647.9	675.6	680.1	683.5	647.8	674.0	696.5	**694.2**	-0.6%	5.6%
Slovakia	18.7	18.1	17.6	18.8	17.9	17.2	17.7	16.0	17.0	16.5	**16.9**	2.2%	0.1%
Spain	137.5	145.3	151.2	153.7	155.1	159.6	155.5	145.1	146.6	145.6	**144.8**	-0.8%	1.2%
Sweden	50.7	48.3	52.1	53.8	50.7	51.8	51.5	47.2	50.7	50.5	**52.9**	4.7%	0.4%
Switzerland	29.3	29.1	28.8	27.7	28.9	28.6	29.7	29.7	29.0	27.5	**29.0**	5.5%	0.2%
Turkey	73.1	78.1	82.9	86.0	96.2	103.1	102.7	102.8	110.4	118.1	**119.2**	0.6%	1.0%
Turkmenistan	15.4	17.2	17.8	18.8	20.7	23.8	23.6	22.6	24.8	27.1	**25.8**	-5.3%	0.2%
Ukraine	133.0	136.6	137.5	136.1	137.5	135.4	131.9	112.2	120.9	125.6	**125.3**	-0.5%	1.0%
United Kingdom	221.7	225.4	227.3	228.2	225.5	218.3	219.8	207.7	213.8	200.5	**203.6**	1.2%	1.6%
Uzbekistan	55.0	51.8	49.6	46.1	45.9	48.7	52.3	46.7	48.0	51.6	**50.5**	-2.3%	0.4%
Other Europe & Eurasia	80.7	84.3	89.4	89.4	87.2	89.5	91.1	88.1	93.9	92.4	**92.7**	◆	0.7%
Total Europe & Eurasia	2852.0	2910.9	2957.7	2967.7	3017.0	3009.2	3014.6	2837.8	2948.0	2936.6	**2928.5**	-0.5%	23.5%
Iran	144.3	152.2	158.6	179.5	189.8	195.7	202.1	214.3	221.5	227.0	**234.2**	2.9%	1.9%
Israel	20.1	20.7	21.0	21.6	21.8	22.9	23.8	23.1	23.4	24.0	**24.8**	3.2%	0.2%
Kuwait	21.7	25.5	28.5	30.5	28.9	28.8	30.4	31.5	34.8	35.7	**36.4**	1.8%	0.3%
Qatar	13.0	14.1	16.9	20.8	22.2	22.6	23.4	24.1	24.9	27.5	**31.6**	14.3%	0.3%
Saudi Arabia	127.6	135.8	147.4	152.4	158.6	165.0	179.2	186.4	202.4	207.5	**222.2**	6.8%	1.8%
United Arab Emirates	52.8	56.2	60.1	62.3	65.3	72.5	82.9	81.3	84.8	88.1	**89.3**	1.0%	0.7%
Other Middle East	84.9	80.9	85.9	91.6	90.2	91.6	103.2	107.7	116.3	117.7	**123.5**	4.7%	1.0%
Total Middle East	464.3	485.4	518.4	558.7	576.7	599.1	645.1	668.3	708.0	727.4	**761.9**	4.5%	6.1%
Algeria	28.6	30.0	31.1	32.6	33.5	35.4	37.5	39.6	38.6	40.7	**44.6**	9.3%	0.4%
Egypt	53.5	56.9	59.6	62.5	65.8	69.9	74.1	76.9	81.2	82.7	**87.1**	5.0%	0.7%
South Africa	103.7	109.4	115.5	115.0	116.8	122.9	128.5	124.0	123.1	122.2	**123.8**	1.0%	1.0%
Other Africa	106.2	107.8	116.6	123.0	121.6	126.3	133.1	131.3	142.8	138.4	**147.8**	6.5%	1.2%
Total Africa	291.9	304.1	322.7	333.1	337.7	354.5	373.1	371.9	385.7	384.0	**403.3**	4.7%	3.2%
Australia	113.5	112.6	115.2	119.0	125.1	125.4	125.2	124.3	123.2	126.5	**125.7**	-0.9%	1.0%
Bangladesh	14.8	15.7	16.4	17.4	18.7	19.3	20.4	21.4	23.1	24.4	**26.3**	7.5%	0.2%
China	1073.8	1245.3	1466.8	1601.2	1764.7	1878.7	1969.9	2101.5	2338.0	2540.8	**2735.2**	7.4%	21.9%
China Hong Kong SAR	20.8	21.2	24.3	22.9	24.7	26.2	24.5	27.0	27.7	28.6	**28.1**	-2.0%	0.2%
India	310.8	320.8	345.1	366.8	390.0	420.1	446.5	484.1	511.6	534.8	**563.5**	5.1%	4.5%
Indonesia	107.5	116.4	115.4	118.8	121.5	129.4	123.3	133.6	148.7	158.6	**159.4**	0.2%	1.3%
Japan	513.3	514.6	526.8	531.4	530.1	526.7	520.7	477.9	506.7	481.1	**478.2**	-0.9%	3.8%
Malaysia	53.1	55.7	55.7	61.3	65.9	69.6	71.0	70.6	76.1	74.9	**76.3**	1.6%	0.6%
New Zealand	19.3	18.7	19.5	18.8	19.0	19.0	19.1	19.1	19.7	19.5	**19.6**	0.6%	0.2%
Pakistan	47.4	52.4	56.8	58.9	61.8	65.2	64.9	67.0	68.0	68.1	**69.3**	1.4%	0.6%
Philippines	25.8	26.5	27.4	27.6	25.9	27.3	27.1	27.5	27.9	28.8	**30.2**	4.7%	0.2%
Singapore	41.6	39.4	44.2	49.6	53.1	58.5	61.3	64.8	70.8	73.9	**74.0**	-0.2%	0.6%
South Korea	203.0	209.8	213.8	220.8	222.9	231.9	236.4	237.4	254.6	267.8	**271.1**	1.0%	2.2%
Taiwan	94.5	98.9	104.2	106.5	108.0	112.9	106.8	104.4	110.6	109.8	**109.4**	-0.6%	0.9%
Thailand	72.1	77.1	82.4	86.5	88.9	92.7	95.5	99.3	105.0	111.1	**117.6**	5.5%	0.9%
Vietnam	21.4	22.5	28.7	29.8	32.3	34.9	36.7	42.1	43.7	48.4	**52.0**	7.1%	0.4%
Other Asia Pacific	41.1	42.9	43.9	46.5	49.6	48.1	49.7	50.3	52.5	56.1	**56.3**	0.2%	0.5%
Total Asia Pacific	2773.7	2990.4	3286.5	3483.7	3702.0	3885.9	3999.0	4152.4	4507.9	4753.2	**4992.2**	4.7%	40.0%
Total World	**9597.8**	**9933.8**	**10409.9**	**10707.7**	**11005.6**	**11287.5**	**11438.7**	**11309.8**	**11943.4**	**12225.0**	**12476.6**	**1.8%**	**100.0%**
of which: OECD	5454.4	5517.7	5627.9	5676.4	5684.2	5723.1	5669.4	5399.5	5593.1	5538.3	**5488.8**	-1.2%	44.0%
Non-OECD	4143.4	4416.1	4782.0	5031.3	5321.5	5564.4	5769.3	5910.3	6350.3	6686.6	**6987.8**	4.2%	56.0%
European Union	1743.1	1778.5	1807.5	1810.3	1818.2	1790.9	1788.0	1683.9	1745.6	1687.4	**1673.4**	-1.1%	13.4%
Former Soviet Union	937.7	959.8	970.4	969.8	1004.9	1015.6	1019.6	948.3	988.5	1030.3	**1029.3**	-0.4%	8.2%

*In this review, primary energy comprises commercially traded fuels, including modern renewables used to generate electricity.
◆Less than 0.05%.
Notes: Oil consumption is measured in million tonnes; other fuels in million tonnes of oil equivalent.
Growth rates are adjusted for leap years.

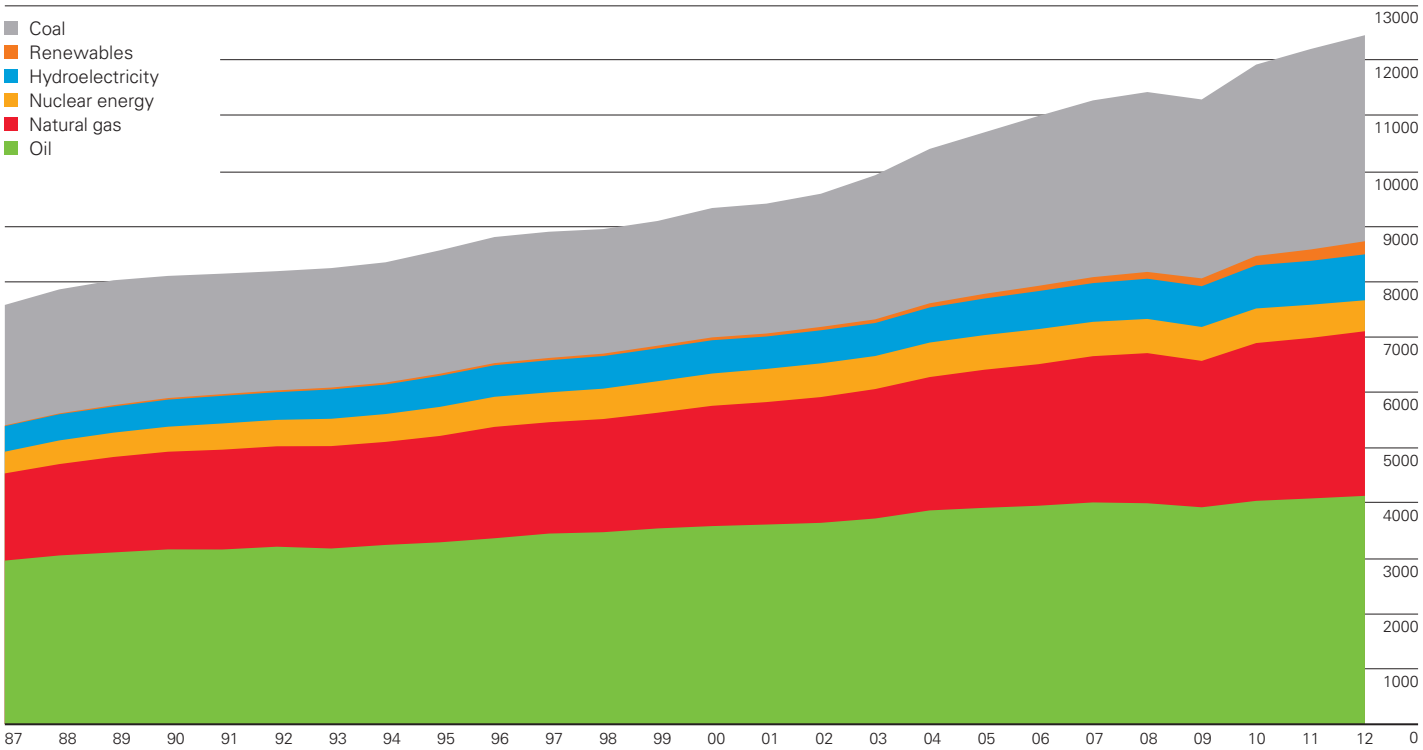
Consumption by fuel*

Million tonnes oil equivalent	2011 Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Renew-ables	Total	2012 Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Renew-ables	**Total**
US	837.0	626.5	495.5	188.2	73.0	45.0	2265.2	819.9	654.0	437.8	183.2	63.2	50.7	**2208.8**
Canada	105.0	90.8	22.3	21.4	85.2	3.9	328.6	104.3	90.6	21.9	21.7	86.0	4.3	**328.8**
Mexico	90.3	69.0	8.9	2.3	8.1	2.0	180.5	92.6	75.3	8.8	2.0	7.1	2.0	**187.7**
Total North America	1032.3	786.2	526.7	211.9	166.3	50.9	2774.3	1016.8	820.0	468.5	206.9	156.3	57.0	**2725.4**
Argentina	27.5	41.1	0.9	1.3	9.0	0.5	80.4	28.2	42.6	1.0	1.4	8.4	0.6	**82.1**
Brazil	122.2	24.0	14.1	3.5	96.9	9.0	269.7	125.6	26.2	13.5	3.6	94.5	11.2	**274.7**
Chile	17.5	4.8	5.3	–	4.7	0.9	33.3	17.9	5.4	6.7	–	4.6	0.9	**35.5**
Colombia	12.5	8.0	4.3	–	10.9	0.2	35.9	12.7	8.9	4.0	–	10.8	0.2	**36.5**
Ecuador	10.5	0.5	–	–	2.5	0.1	13.6	11.0	0.6	–	–	2.8	0.1	**14.4**
Peru	9.2	5.5	0.7	–	4.9	0.2	20.6	9.6	6.7	0.8	–	5.0	0.2	**22.3**
Trinidad & Tobago	1.6	20.8	–	–	–	†	22.4	1.6	19.5	–	–	–	†	**21.2**
Venezuela	35.6	30.0	0.2	–	18.8	–	84.7	36.6	31.4	0.2	–	18.6	–	**86.8**
Other S. & Cent. America	58.7	6.0	2.0	–	20.1	2.1	89.0	59.0	7.1	2.0	–	21.1	2.4	**91.8**
Total S. & Cent. America	295.4	140.8	27.6	4.9	167.9	13.0	649.5	302.2	148.6	28.2	5.0	165.7	15.6	**665.3**
Austria	12.6	8.5	2.6	–	6.8	1.5	32.0	12.4	8.1	2.0	–	8.9	1.6	**33.1**
Azerbaijan	4.0	7.3	†	–	0.6	–	11.9	4.2	7.6	†	–	0.4	–	**12.2**
Belarus	9.0	16.5	†	–	†	0.1	25.6	9.1	16.7	†	–	†	0.1	**25.9**
Belgium	32.3	14.9	3.3	10.9	†	2.2	63.7	30.6	15.2	3.0	9.1	0.1	2.6	**60.6**
Bulgaria	3.8	2.6	8.1	3.7	0.7	0.2	19.1	3.8	2.5	7.0	3.6	0.7	0.3	**17.9**
Czech Republic	9.0	7.6	18.0	6.4	0.6	1.2	42.8	9.1	7.4	16.6	6.9	0.7	1.3	**41.9**
Denmark	8.1	3.8	3.2	–	†	3.2	18.3	7.6	3.5	2.5	–	†	3.4	**17.0**
Finland	9.7	3.1	3.4	5.3	2.8	2.6	26.9	9.1	2.8	2.9	5.3	3.8	2.6	**26.4**
France	83.7	36.8	9.5	100.0	10.3	4.4	244.7	80.9	38.2	11.4	96.3	13.2	5.4	**245.4**
Germany	112.0	67.1	76.0	24.4	4.0	24.0	307.5	111.5	67.7	79.2	22.5	4.8	26.0	**311.7**
Greece	17.0	4.1	7.5	–	0.9	0.9	30.4	15.4	3.8	7.5	–	1.0	1.1	**28.8**
Hungary	6.4	9.4	3.0	3.5	0.1	0.6	23.0	6.0	8.8	3.0	3.6	†	0.6	**21.9**
Republic of Ireland	6.7	4.1	1.3	–	0.2	1.1	13.3	6.2	4.0	1.5	–	0.2	1.0	**13.0**
Italy	70.5	64.2	16.1	–	10.4	8.4	169.6	64.2	61.8	16.2	–	9.4	10.9	**162.5**
Kazakhstan	11.6	8.3	34.0	–	1.8	†	55.7	12.8	8.5	35.0	–	1.8	†	**58.1**
Lithuania	2.6	3.1	0.2	–	0.1	0.1	6.1	2.6	3.0	0.2	–	0.1	0.2	**6.0**
Netherlands	46.1	34.3	7.8	0.9	†	2.8	91.9	44.1	32.8	8.5	0.9	†	2.7	**89.1**
Norway	10.6	3.9	0.7	–	27.6	0.4	43.2	10.8	3.9	0.7	–	32.3	0.5	**48.1**
Poland	26.6	14.1	56.1	–	0.5	2.4	99.8	25.1	14.9	54.0	–	0.5	3.1	**97.6**
Portugal	11.6	4.7	2.2	–	2.8	2.8	24.1	10.9	4.2	2.9	–	1.5	3.1	**22.7**
Romania	9.1	12.5	7.3	2.7	3.4	0.3	35.4	8.8	12.1	6.7	2.6	2.8	0.6	**33.6**
Russian Federation	143.5	382.1	93.7	39.1	37.9	0.1	696.5	147.5	374.6	93.9	40.3	37.8	0.1	**694.2**
Slovakia	3.9	4.6	3.3	3.5	0.9	0.2	16.5	3.5	5.4	3.2	3.5	1.0	0.3	**16.9**
Spain	68.5	29.0	15.5	13.1	6.9	12.6	145.6	63.8	28.2	19.3	13.9	4.6	14.9	**144.8**
Sweden	14.5	1.1	2.0	13.8	15.1	4.0	50.5	13.8	1.0	1.5	14.6	17.8	4.2	**52.9**
Switzerland	11.0	2.7	0.1	6.1	7.2	0.4	27.5	11.2	2.9	0.1	5.8	8.6	0.4	**29.0**
Turkey	30.7	41.2	33.1	–	11.8	1.3	118.1	31.5	41.7	31.3	–	13.1	1.6	**119.2**
Turkmenistan	4.7	22.5	–	–	†	–	27.1	4.8	20.9	–	–	†	–	**25.8**
Ukraine	12.9	48.3	41.5	20.4	2.4	†	125.6	13.2	44.6	44.6	20.4	2.4	0.1	**125.3**
United Kingdom	71.1	74.5	31.5	15.6	1.3	6.6	200.5	68.5	70.5	39.1	15.9	1.2	8.4	**203.6**
Uzbekistan	3.8	44.2	1.2	–	2.3	–	51.6	3.9	43.1	1.2	–	2.3	–	**50.5**
Other Europe & Eurasia	32.8	14.2	22.5	2.0	19.5	1.4	92.4	32.8	14.5	22.2	1.8	19.8	1.7	**92.7**
Total Europe & Eurasia	900.3	995.2	504.6	271.5	179.0	85.9	2936.6	879.8	975.0	516.9	266.9	190.8	99.1	**2928.5**
Iran	85.6	138.2	0.9	†	2.2	†	227.0	89.6	140.5	0.9	0.3	2.9	†	**234.2**
Israel	11.5	4.5	7.9	–	†	0.1	24.0	13.6	2.3	8.8	–	†	0.1	**24.8**
Kuwait	20.4	15.3	–	–	–	–	35.7	20.9	15.5	–	–	–	–	**36.4**
Qatar	7.8	19.7	–	–	–	–	27.5	8.0	23.5	–	–	–	–	**31.6**
Saudi Arabia	124.4	83.0	–	–	–	–	207.5	129.7	92.5	–	–	–	–	**222.2**
United Arab Emirates	31.8	56.2	–	–	–	†	88.1	32.6	56.6	–	–	–	†	**89.3**
Other Middle East	77.1	38.3	0.2	–	2.1	†	117.7	81.4	39.6	0.2	–	2.2	†	**123.5**
Total Middle East	358.7	355.3	9.0	†	4.3	0.1	727.4	375.8	370.6	9.9	0.3	5.1	0.1	**761.9**
Algeria	15.5	25.1	–	–	0.1	†	40.7	16.7	27.8	–	–	0.1	0.1	**44.6**
Egypt	33.7	44.7	1.1	–	2.9	0.3	82.7	35.2	47.3	1.1	–	3.0	0.3	**87.1**
South Africa	26.2	3.5	89.1	2.9	0.4	0.1	122.2	26.9	3.4	89.8	3.2	0.4	0.1	**123.8**
Other Africa	82.7	29.3	6.5	–	19.0	0.9	138.4	87.7	32.0	6.6	–	20.6	0.9	**147.8**
Total Africa	158.0	102.6	96.7	2.9	22.5	1.3	384.0	166.5	110.5	97.5	3.2	24.1	1.4	**403.3**
Australia	46.1	23.0	51.7	–	3.4	2.2	126.5	46.7	22.9	49.3	–	4.1	2.8	**125.7**
Bangladesh	5.3	18.1	0.7	–	0.4	†	24.4	5.6	19.6	0.7	–	0.4	†	**26.3**
China	459.4	117.5	1760.8	19.5	158.2	25.4	2540.8	483.7	129.5	1873.3	22.0	194.8	31.9	**2735.2**
China Hong Kong SAR	18.1	2.7	7.7	–	–	†	28.6	17.9	2.5	7.6	–	–	†	**28.1**
India	163.0	55.0	270.6	7.3	29.8	9.2	534.8	171.6	49.1	298.3	7.5	26.2	10.9	**563.5**
Indonesia	71.1	33.5	48.9	–	2.8	2.2	158.6	71.6	32.2	50.4	–	2.9	2.2	**159.4**
Japan	204.7	95.0	117.7	36.9	19.4	7.5	481.1	218.2	105.1	124.4	4.1	18.3	8.2	**478.2**
Malaysia	29.1	28.8	14.8	–	1.9	0.3	74.9	29.8	30.0	14.3	–	1.8	0.3	**76.3**
New Zealand	7.0	3.5	1.4	–	5.7	2.0	19.5	7.0	3.8	1.7	–	5.2	2.0	**19.6**
Pakistan	20.8	35.2	4.3	0.9	6.9	†	68.1	20.0	37.3	4.3	1.3	6.4	†	**69.3**
Philippines	12.8	3.2	8.3	–	2.2	2.3	28.8	13.0	3.1	9.4	–	2.5	2.3	**30.2**
Singapore	65.7	7.9	–	–	–	0.3	73.9	66.2	7.5	–	–	–	0.3	**74.0**
South Korea	105.8	41.7	83.6	35.0	1.0	0.7	267.8	108.8	45.0	81.8	34.0	0.7	0.8	**271.1**
Taiwan	42.8	14.0	41.5	9.5	0.9	1.2	109.8	42.2	14.7	41.1	9.1	1.2	1.1	**109.4**
Thailand	50.5	41.9	16.0	–	1.8	0.9	111.1	52.4	46.1	16.0	–	2.0	1.2	**117.6**
Vietnam	16.5	7.6	15.0	–	9.3	†	48.4	16.6	8.5	14.9	–	11.9	†	**52.0**
Other Asia Pacific	18.0	5.6	21.2	–	11.2	0.1	56.1	18.3	5.6	21.6	–	10.7	0.1	**56.3**
Total Asia Pacific	1336.6	534.2	2464.2	109.1	254.7	54.4	4753.2	1389.4	562.5	2609.1	78.1	289.0	64.1	**4992.2**
Total World	**4081.4**	**2914.2**	**3628.8**	**600.4**	**794.7**	**205.6**	**12225.0**	**4130.5**	**2987.1**	**3730.1**	**560.4**	**831.1**	**237.4**	**12476.6**
of which: OECD	2095.2	1394.6	1096.1	488.9	314.5	149.1	5538.3	2072.8	1433.6	1053.1	444.5	315.6	169.2	**5488.8**
Non-OECD	1986.2	1519.6	2532.7	111.5	480.2	56.4	6686.6	2057.7	1553.5	2677.0	115.9	515.5	68.2	**6987.8**
European Union	639.1	407.7	283.4	205.3	69.3	82.5	1687.4	611.3	399.5	293.7	199.8	74.0	95.0	**1673.4**
Former Soviet Union	199.5	539.2	175.9	60.1	55.1	0.5	1030.3	205.9	526.4	180.2	61.2	54.9	0.6	**1029.3**

*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

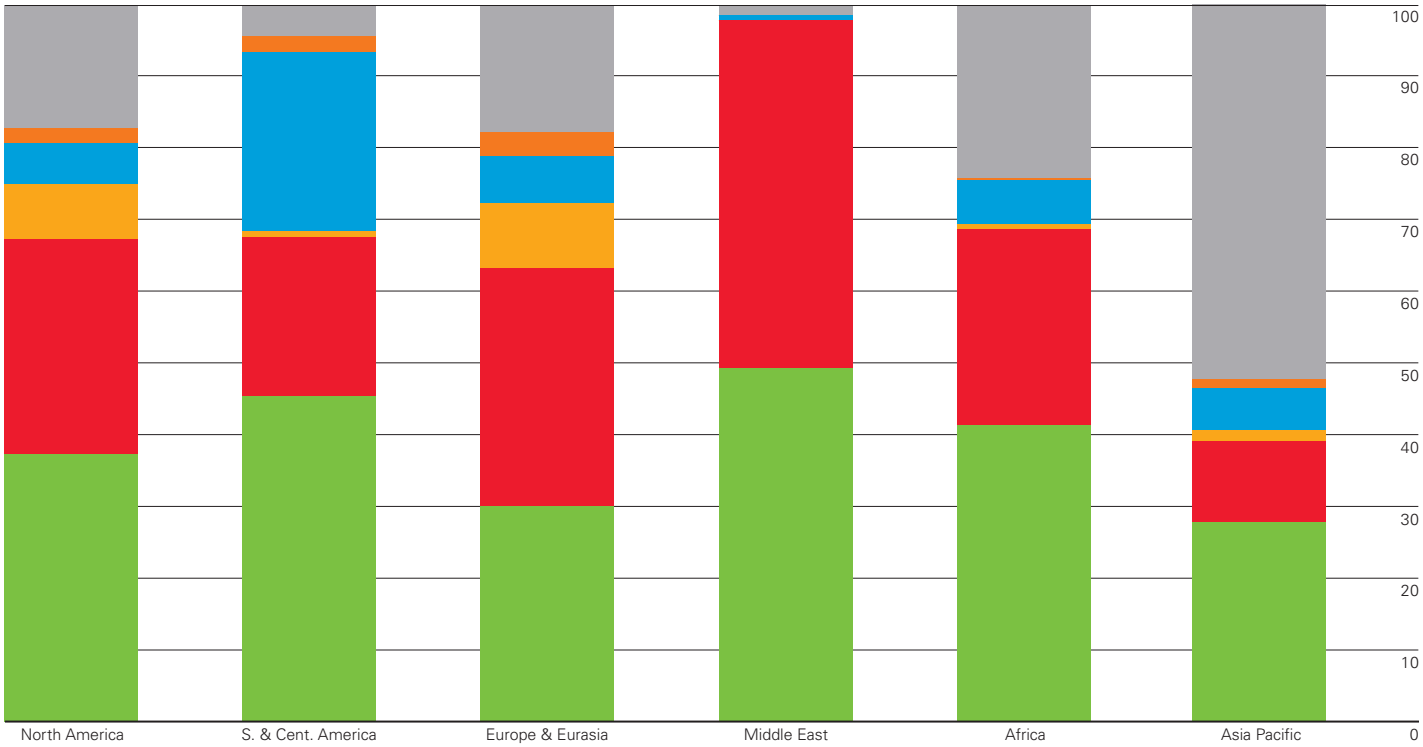
Million tonnes oil equivalent



World primary energy consumption grew by a below-average 1.8% in 2012. Growth was below average in all regions except Africa. Oil remains the world's leading fuel, accounting for 33.1% of global energy consumption, but this figure is the lowest share on record and oil has lost market share for 13 years in a row. Hydroelectric output and other renewables in power generation both reached record shares of global primary energy consumption (6.7% and 1.9%, respectively).

Regional consumption pattern 2012

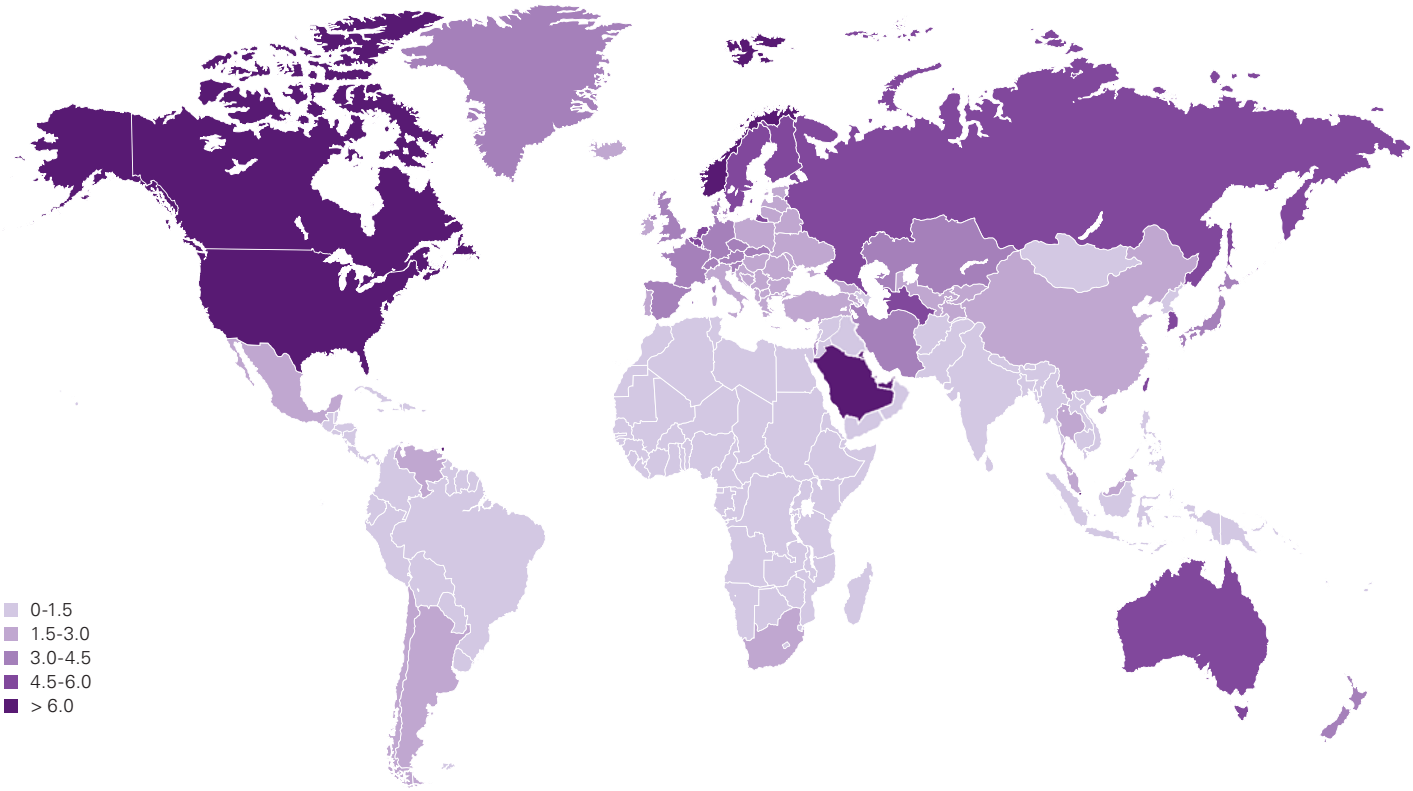
Percentage



The Asia Pacific region accounted for a record 40% of global energy consumption and 69.9% of global coal consumption in 2012; the region also leads in oil and hydroelectric generation. Europe & Eurasia is the leading region for consumption of natural gas, nuclear power, and renewables. Coal is the dominant fuel in the Asia Pacific region, the only region dependent on a single fuel for more than 50% of total primary energy consumption. Natural gas is dominant in Europe & Eurasia, and oil is dominant in other regions.

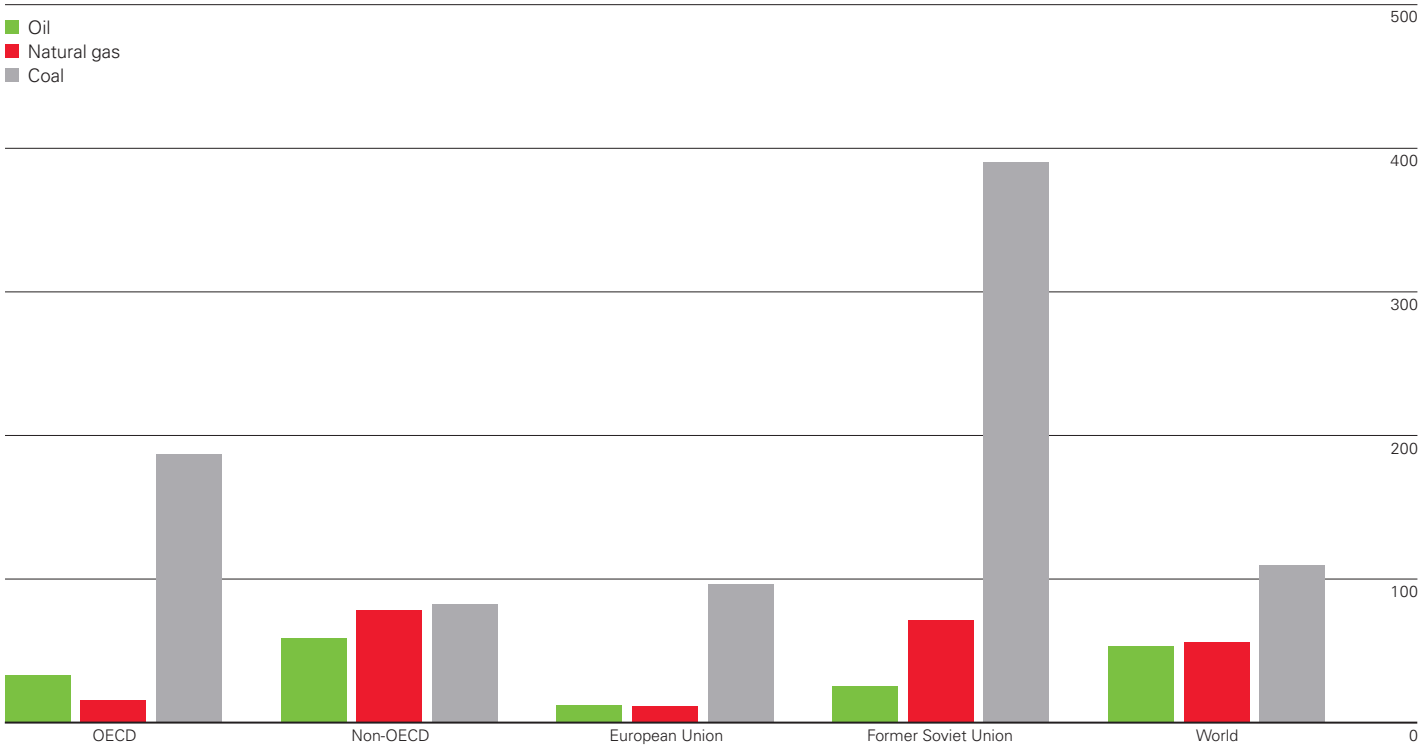
Consumption per capita 2012

Tonnes oil equivalent



Fossil fuel reserves-to-production (R/P) ratios at end 2012

Years



Coal remains the most abundant fossil fuel by global R/P ratio, although global oil and natural gas reserves have increased significantly over time. Non-OECD countries possess the majority of proved reserves for all fossil fuels, and have a higher R/P ratio than the OECD countries for oil and natural gas.

Appendices

Approximate conversion factors

Crude oil*

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

*Based on worldwide average gravity.

Products

	To convert			
	barrels to tonnes	tonnes to barrels	kilolitres to tonnes	tonnes to kilolitres
	Multiply by			
Liquefied petroleum gas (LPG)	0.086	11.6	0.542	1.844
Gasoline	0.118	8.5	0.740	1.351
Kerosene	0.128	7.8	0.806	1.240
Gas oil/diesel	0.133	7.5	0.839	1.192
Fuel oil	0.149	6.7	0.939	1.065

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 Puerto Rico), Canada, Mexico.

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

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

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

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

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

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

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

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

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

Australasia
Australia, New Zealand.

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Europe: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Republic of Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK.
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Middle East: Iran, Iraq, Kuwait, Qatar, Saudi Arabia, United Arab Emirates.
North Africa: Algeria, Libya.
West Africa: Angola, Nigeria.
South America: Ecuador, Venezuela.

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

Non-OECD
All countries that are not members of the OECD.

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

Fuels used as inputs for conversion technologies (gas-to-liquids, coal-to-liquids and coal-to-gas) are counted as production for the source fuel and the outputs are counted as consumption for the converted fuel.

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

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

Tonnes
Metric equivalent of tons.

More information

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