

BP Statistical Review of World Energy

June 2010



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About this Review

For 59 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.

Guide to navigation

BP Statistical Review of World Energy June 2010 uses the following icons and colour coding to help you navigate your way quickly and easily through the document. Icons and colours represent various energy types so you can see, at a glance, which section you are in.

Oil

Natural gas

Coal

Nuclear energy

Hydroelectricity

Primary energy

Find out more online

BP Statistical Review of World Energy June 2010 is available online at www.bp.com/statisticalreview. The website contains all the tables and charts found in the latest printed edition, plus a number of extras, including:

- Historical data from 1965 for many sections.
- Additional data for natural gas, coal, hydroelectricity, nuclear energy, electricity and renewables.
- An 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

BP is one of the world's largest oil and gas companies, serving millions of customers in more than 90 countries across six continents. Our business segments are Exploration and Production, and Refining and Marketing. Through these business segments, we provide fuel for transportation, retail brands and energy for heat and light.



Appendices

For approximate conversion factors and definitions see page 44.



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The data series for proved oil and gas reserves in *BP Statistical Review of World Energy June 2010* does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance, under UK accounting rules contained in the Statement of Recommended Practice, 'Accounting for Oil and Gas Exploration, Development, Production and Decommissioning Activities' (UK SORP) or as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country. Rather, the data series has been compiled using a combination of primary official sources and third-party data.

Group chief executive's introduction



Energy in 2009 – from recession to recovery

Tony Hayward Group Chief Executive
June 2010

Welcome to the 2010 edition of the BP Statistical Review of World Energy.

Before addressing some of the themes that emerge from this Review, I would like to devote a few words to the tragic accident in April involving the Deepwater Horizon drilling rig and the subsequent release of oil into the Gulf of Mexico. As of this writing, BP is working closely with governments and private sector experts to stop the flow of oil and to minimize the damage to the environment. We are throwing everything we have at mitigating this disaster. Our thoughts are with those who have lost loved ones, and those whose livelihoods have been disrupted. We are determined to set right what has gone wrong and to learn from the tragedy. Eventually, we will succeed, and eventually, this disaster will lead to a safer and better energy world.

It is the world of energy that is described by the Statistical Review of World Energy. Energy developments in 2009 were dominated by a global recession and, later in the year, a tentative recovery. For the year as a whole, the global economy contracted for the first time since the Second World War, and global energy consumption fell as well. We can't know how durable this recovery will be. But the data shows changes in the pattern of global energy consumption that are likely to indicate long-term change.

Let me highlight a few insights from the data assembled in this Review. First, global primary energy consumption fell in 2009, but like the broader economic downturn, changes varied greatly across regions. In the OECD, energy consumption fell faster than GDP – the sharpest decline in energy consumption on record. The OECD consumed less primary energy last year than 10 years ago, although GDP since then has risen by 18%. The developing world outside the Former Soviet Union, in contrast, saw energy consumption growing faster than GDP. Globally, the energy intensity of economic activity rose last year, fostered by slower growth and by many energy-intensive fiscal stimulus programmes – but against the longer-term trend.

With consumption falling, energy prices declined in 2009, though again the pattern varied by fuel. Oil prices began the year below \$40 per barrel, and increased steadily during the year as OPEC production cuts were greater than the decline in consumption. Natural gas in competitive markets fell sharply and remained weak through most of the year due to falling consumption, continued development of unconventional resources in the US and rising LNG supply. And coal prices fell and then started to recover, while displaying regional variety.

The recession and now, hopefully, the recovery, has taught us how interlinked the world really is. Let me name just two of the data highlights of this year's Review that symbolize the challenges ahead for all of us. China became a large-scale coal importer, which prevented global coal consumption from falling; and, given the OPEC cuts, the world's largest increase in oil production by far came from the US, mainly from the Gulf of Mexico. This is not an excuse for anything, but a piece of the reality in which we all live.

Clarity of focus on objective data has been a hallmark of BP's Statistical Review – in good times and bad – for 59 years. As the world recovers from recession and turns its attention toward enduring matters of economic development, energy security and climate change, I hope you will find this Review to be a useful source of objective information and perspective.

I would like to thank BP's economics team and all those around the world who have been involved in preparing this Review – in particular our government contacts in many countries who report the official data.

2009 in review

Global economic recession drove energy consumption lower in 2009 – the first decline since 1982. As with the economic contraction, the decline in energy consumption was concentrated in OECD countries and the territory of the Former Soviet Union (FSU). Consumption of oil, natural gas and nuclear power declined, while coal consumption was essentially flat; only hydroelectric output and other renewable forms of energy increased in 2009. This data suggests global CO₂ emissions from energy use fell for the first time since 1998.

For the year as a whole, prices for all forms of traded energy fell, with the sharpest declines seen for traded natural gas and coal in North America and western Europe – although Asian coal prices fell less sharply in face of strong Chinese import growth. Oil prices declined for the first time since 2001. During 2009 prices for oil and coal in competitive markets hit their low points early in the year, with oil prices recovering first, while spot natural gas prices in North America and western Europe continued to decline well into 2009.

Images

- 1** City scene, Kuwait.
- 2** Chirag platform, Azerbaijan.
- 3** BP employee, Kwinana refinery, Australia.
- 4** Trans-Alaska pipeline, Alaska.



Energy developments

World primary energy consumption – including oil, natural gas, coal, nuclear and hydro power – fell by 1.1% in 2009, the first decline since 1982 and the largest decline (in percentage terms) since 1980. Consumption in OECD countries fell by 5%, the largest decline on record; OECD consumption reached the lowest level since 1998. Energy consumption declined in all regions except Asia Pacific and the Middle East; Chinese energy consumption growth accelerated to 8.7%. Hydroelectric power generation increased by 1.5%, and was the world's fastest-growing major fuel for a second consecutive year.

Global primary energy consumption

-1.1%

The largest decline since 1980

Oil

Dated Brent averaged \$61.67 per barrel in 2009, a decline of 37% – the largest decline (in percentage terms) since 1986. Other benchmark crudes registered similar declines. Prices began the year below \$40 and rose steadily throughout the year, reaching a peak of more than \$78 in mid-November. Sustained OPEC production cuts and improving economic prospects as the year progressed supported prices.

Global oil consumption declined by 1.2 million barrels per day (b/d), or 1.7%, the largest decline since 1982. OECD consumption fell by 4.8% (2 million b/d), a fourth consecutive decline. Outside the OECD, consumption growth slowed to 860,000b/d, or 2.1%, the weakest percentage growth since 2001. China, India and Middle Eastern countries accounted for all of the non-OECD growth.

Global oil production dropped even more rapidly than consumption, falling by 2 million b/d, or 2.6%, the largest drop, again, since 1982. OPEC production cuts implemented late in 2008 were maintained throughout 2009, resulting in a decline of 2.5 million b/d, or 7.3%. Every OPEC member participating in the production-cutting agreement reduced output in 2009. OPEC's Middle Eastern members accounted for nearly 75% of the overall reductions.

Oil production outside OPEC grew by 0.9% or 450,000b/d. US production increased by 460,000b/d, or 7%, the largest increase in the world last year and largest US percentage increase in our data set. Elsewhere, production growth in Russia, Brazil, Kazakhstan and Azerbaijan was offset by declines in China and mature OECD provinces of Mexico, Norway and the UK. Overall OECD production declined for a seventh consecutive year.

Global refining capacity in 2009 grew by 2.2%, or 2 million b/d, the largest increase since 1999. Non-OECD capacity surpassed OECD capacity for the first time. The Asia-Pacific region accounted for more than 80% of the global growth, largely due to increases in India



(+19.5%, or 580,000b/d) and China (+10.5%, or 820,000b/d). Global crude runs fell along with oil consumption, declining by 1.5 million b/d, or 2%. Throughput declines were concentrated in the EU (-6.4%, or 870,000b/d) and other OECD countries; throughput outside the OECD increased by 0.9% or 310,000b/d, as strong growth in China and other Asia-Pacific countries more than offset declining throughput in South and Central America (-11.4%, or 610,000b/d). Higher refining capacity and declining consumption pushed global refinery utilization to 81.1%, the lowest rate since 1994.

Global oil trade fell by 3.1% or 1.7 million b/d, a second consecutive decline and the largest decline since 1987. The US accounted for 84% of the net decline in imports, driven by declining consumption and rising domestic production. Among exporters, the Middle East – with falling production and rising domestic consumption – accounted for virtually the entire decline.

OPEC oil production

-7.3%

The largest decline since 1983

Natural gas

Globally, natural gas was the fuel that experienced the most rapid decline in consumption, falling by 2.1%, the largest decline on record. Consumption declined in all regions except the Middle East and Asia Pacific. Russia had the world's largest decline (in volumetric terms), with consumption falling by 6.1%. OECD consumption fell by 3.1%, the largest decline since 1982; the decline in the US was a relatively modest 1.5%, as weak prices improved gas's competitive standing against other fuels. Iran saw the world's largest volumetric consumption growth, while Indian consumption growth of 25.9% was the highest among major countries in percentage terms.

Global gas production declined for the first time on record. Production fell sharply in Russia (-12.1%) and Turkmenistan (-44.8%), driven by declining consumption – in Russia and much of the rest of Europe – and the availability in Europe of competitively priced liquefied natural gas (LNG). Continued expansion of unconventional supplies allowed the US to record the world's largest increase in production for the third consecutive year, surpassing Russia as the world's largest producer. Production in the Middle East and Asia Pacific also increased, driven by growth in Iran, Qatar, India and China.

Global natural gas trade (excluding intra-FSU trade) contracted by 2.1% in 2009; pipeline shipments contracted by 5.8%, more than offsetting a 7.6% increase in LNG trade. The continued ramp-up of Qatari exports and the emergence of Russia as an exporter drove LNG growth, which accounted for 30.5% of gas trade (excluding intra-FSU). The decline in pipeline shipments was driven by lower shipments from Russia to Europe and from Canada to the US. This year's data for the first time includes intra-FSU trade, which stood at 80.4 billion cubic metres in 2009 – 9.2% of global gas trade.

Natural gas production

-2.1%

The first decline on record

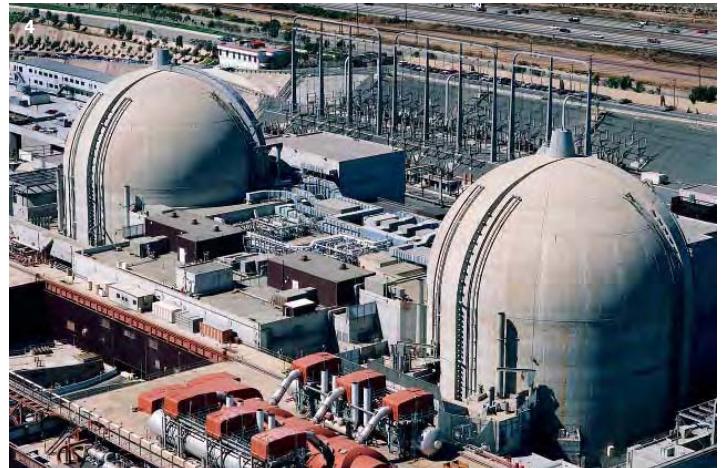




Coal's share of world energy consumption

29.4%

The highest since 1970



Other fuels

Global coal consumption was flat in 2009, the weakest annual change since 1999. The OECD (-10.4%) and the FSU (-13.3%) experienced the steepest consumption declines on record, due to the combination of recession and competitively priced natural gas. Elsewhere, consumption grew by 7.4%, near the historical average, with China accounting for 95% of the increase. Consumption fell in all regions except Asia-Pacific and the Middle East.

Global nuclear output dropped by 1.3%, a third consecutive global decline. Asia-Pacific growth, led by a recovery of Japanese output from earlier earthquake-related outages, did not offset declines elsewhere. Hydroelectric generation grew by a below-average 1.5%, which was nonetheless sufficient to make hydro the world's fastest-growing major fuel in 2009. Growth was led by China, Brazil and the US.

While other forms of renewable energy remain a small share of the global energy mix, they have continued to grow rapidly. Continued government support, including targeted fiscal stimulus in many countries, helped to boost global wind and solar generation capacity by 31% and 47% respectively. Wind growth was led by China and the US, which accounted for a combined 62.4% of total growth. Ethanol production rose by 8.1% – just over half the historical average; continued robust growth in the US (which accounts for 52.9% of global ethanol supply) was partly offset by a decline in Brazil (33.9% of global output). Additional detail on renewable forms of energy, as well as electricity generation, is available at www.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.



Images

- 1 BP's North America Gas operations, Texas, US.
- 2 BP employees, Tangguh, Indonesia.
- 3 Black coal mining, Australia.
- 4 San Onofre Nuclear Generating Station, California, US.
- 5 Hydroelectric plant.

Proved reserves

	At end 1989	At end 1999	At end 2008	At end 2009			
	Thousand million barrels	Thousand million barrels	Thousand million barrels	Thousand million tonnes	Thousand million barrels	Share of total	R/P ratio
US	34.3	29.7	28.4	3.4	28.4	2.1%	10.8
Canada	11.6	18.3	33.2	5.2	33.2	2.5%	28.3
Mexico	52.0	21.5	11.9	1.6	11.7	0.9%	10.8
Total North America	97.9	69.5	73.4	10.2	73.3	5.5%	15.0
Argentina	2.2	3.1	2.5	0.3	2.5	0.2%	10.2
Brazil	2.8	8.2	12.8	1.8	12.9	1.0%	17.4
Colombia	2.0	2.3	1.4	0.2	1.4	0.1%	5.4
Ecuador	1.4	4.4	6.5	0.9	6.5	0.5%	36.1
Peru	0.8	0.9	1.1	0.2	1.1	0.1%	21.1
Trinidad & Tobago	0.6	0.8	0.8	0.1	0.8	0.1%	15.1
Venezuela	59.0	76.8	172.3	24.8	172.3	12.9%	*
Other S. & Cent. America	0.6	1.3	1.4	0.2	1.4	0.1%	26.8
Total S. & Cent. America	69.5	97.8	198.9	28.5	198.9	14.9%	80.6
Azerbaijan	n/a	1.2	7.0	1.0	7.0	0.5%	18.6
Denmark	0.6	0.9	0.8	0.1	0.9	0.1%	9.5
Italy	0.8	0.9	1.0	0.1	0.9	0.1%	27.2
Kazakhstan	n/a	25.0	39.8	5.3	39.8	3.0%	64.9
Norway	8.4	10.9	7.5	0.9	7.1	0.5%	8.3
Romania	1.2	1.2	0.5	0.1	0.5	♦	14.2
Russian Federation	n/a	59.2	74.3	10.2	74.2	5.6%	20.3
Turkmenistan	n/a	0.5	0.6	0.1	0.6	♦	8.0
United Kingdom	3.8	5.0	3.1	0.4	3.1	0.2%	5.8
Uzbekistan	n/a	0.6	0.6	0.1	0.6	♦	15.2
Other Europe & Eurasia	69.4	2.3	2.1	0.3	2.2	0.2%	14.9
Total Europe & Eurasia	84.2	107.8	137.2	18.5	136.9	10.3%	21.2
Iran	92.9	93.1	137.6	18.9	137.6	10.3%	89.4
Iraq	100.0	112.5	115.0	15.5	115.0	8.6%	*
Kuwait	97.1	96.5	101.5	14.0	101.5	7.6%	*
Oman	4.3	5.7	5.6	0.8	5.6	0.4%	18.9
Qatar	4.5	13.1	26.8	2.8	26.8	2.0%	54.7
Saudi Arabia	260.1	262.8	264.1	36.3	264.6	19.8%	74.6
Syria	2.0	2.3	2.5	0.3	2.5	0.2%	18.2
United Arab Emirates	98.1	97.8	97.8	13.0	97.8	7.3%	*
Yemen	2.0	1.9	2.7	0.3	2.7	0.2%	24.5
Other Middle East	0.1	0.2	0.1	†	0.1	♦	9.4
Total Middle East	661.0	685.8	753.7	102.0	754.2	56.6%	84.8
Algeria	9.2	11.3	12.2	1.5	12.2	0.9%	18.5
Angola	2.1	5.1	13.5	1.8	13.5	1.0%	20.7
Chad	—	—	0.9	0.1	0.9	0.1%	20.9
Republic of Congo (Brazzaville)	0.7	1.7	1.9	0.3	1.9	0.1%	19.4
Egypt	4.3	3.8	4.2	0.6	4.4	0.3%	16.2
Equatorial Guinea	—	0.6	1.7	0.2	1.7	0.1%	15.2
Gabon	1.0	2.6	3.7	0.5	3.7	0.3%	44.1
Libya	22.8	29.5	44.3	5.8	44.3	3.3%	73.4
Nigeria	16.0	29.0	37.2	5.0	37.2	2.8%	49.5
Sudan	0.3	0.3	6.7	0.9	6.7	0.5%	37.5
Tunisia	1.8	0.3	0.6	0.1	0.6	♦	18.4
Other Africa	0.9	0.7	0.6	0.1	0.6	♦	11.0
Total Africa	59.1	84.7	127.5	16.9	127.7	9.6%	36.0
Australia	3.1	4.7	4.2	0.5	4.2	0.3%	20.7
Brunei	1.2	1.3	1.1	0.1	1.1	0.1%	17.6
China	16.0	15.1	14.8	2.0	14.8	1.1%	10.7
India	4.3	5.0	5.8	0.8	5.8	0.4%	21.1
Indonesia	5.1	5.2	3.7	0.6	4.4	0.3%	11.8
Malaysia	3.7	5.0	5.5	0.7	5.5	0.4%	20.4
Thailand	0.2	0.4	0.5	0.1	0.5	♦	3.8
Vietnam	0.1	1.8	4.7	0.6	4.5	0.3%	35.7
Other Asia Pacific	0.9	1.4	1.4	0.2	1.3	0.1%	11.2
Total Asia Pacific	34.7	39.9	41.7	5.6	42.2	3.2%	14.4
Total World	1006.4	1085.6	1332.4	181.7	1333.1	100.0%	45.7
of which: European Union	7.7	9.0	6.1	0.8	6.3	0.5%	8.2
OECD	116.4	93.3	91.3	12.4	90.8	6.8%	13.5
OPEC	763.2	831.9	1028.8	140.4	1029.4	77.2%	85.3
Non-OPEC‡	175.8	166.4	180.6	24.6	180.9	13.6%	14.7
Former Soviet Union	67.3	87.2	123.0	16.7	122.9	9.2%	25.5
Canadian oil sands•	n/a	163.3	143.3	23.3	143.3		
Proved reserves and oil sands	n/a	1248.9	1475.7	205.0	1476.4		

*More than 100 years.

†Less than 0.05.

♦Less than 0.05%.

‡Excludes Former Soviet Union.

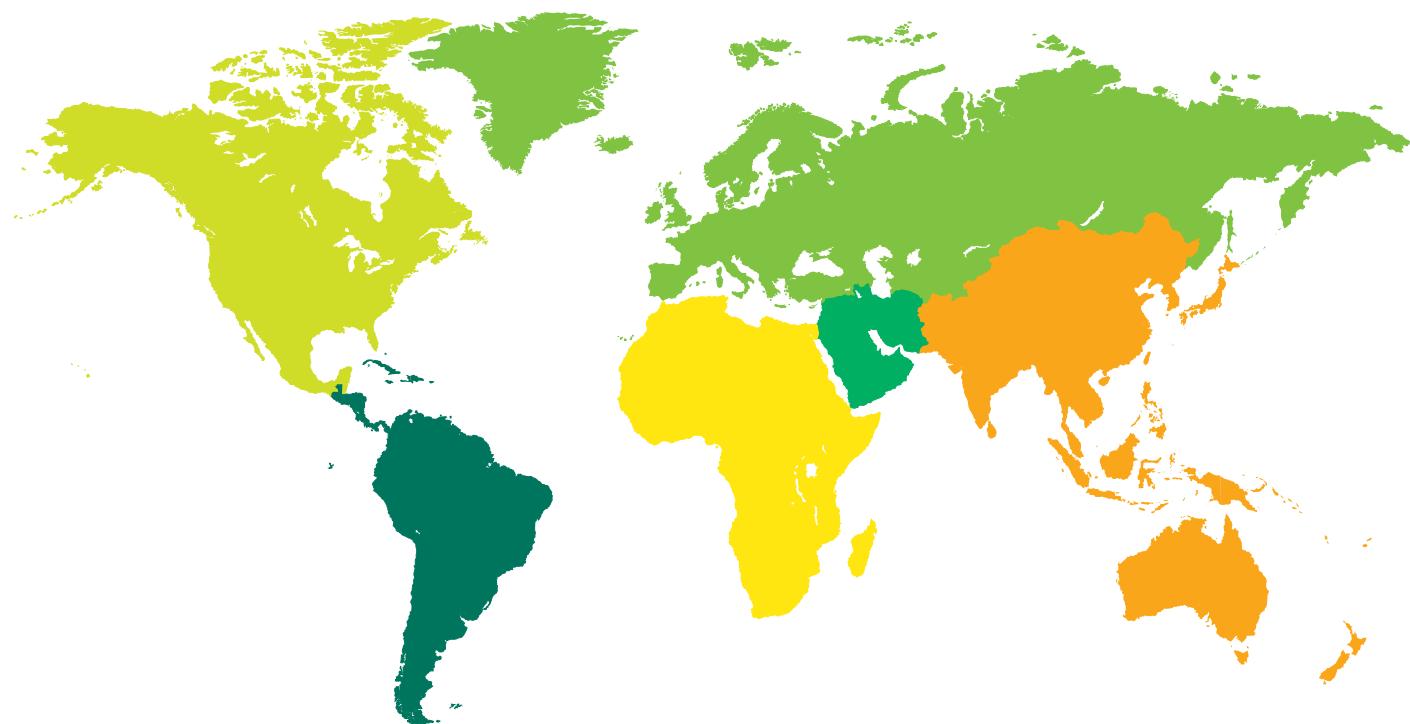
•Remaining established reserves', less reserves 'under active development'.

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 reserves based on information in the public domain. Canadian proved reserves include an official estimate of 27.1 billion barrels for oil sands 'under active development'. Venezuelan reserves are taken from the *OPEC Annual Statistical Bulletin*, which notes that the figure includes "proven reserves of the Magna Reserve Project in the Orinoco Belt, which amounted to 94,168mb in 2008". Reserves include gas condensate and natural gas liquids (NGLs) as well as crude oil.

Annual changes and shares of total are calculated using thousand million barrels figures.

Proved reserves at end 2009

Thousand million barrels

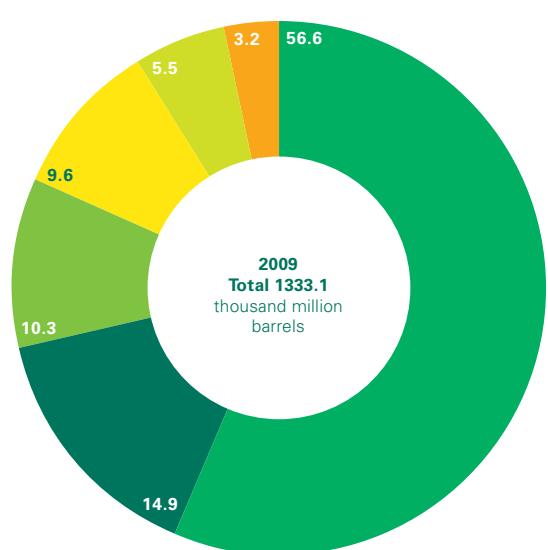
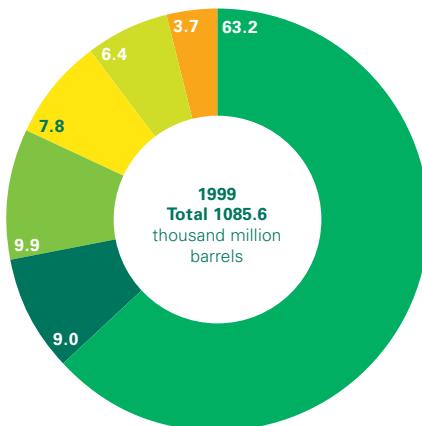
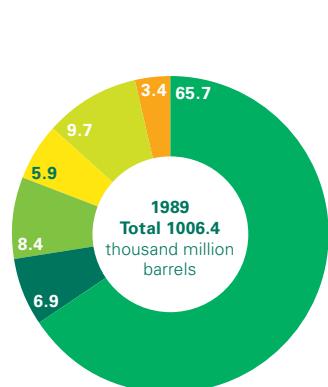


42.2 Asia Pacific	73.3 North America	127.7 Africa	136.9 Europe & Eurasia	198.9 S. & Cent. America	754.2 Middle East
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Distribution of proved reserves in 1989, 1999 and 2009

Percentage

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





Production*

Thousand barrels daily	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	7731	7733	7669	7626	7400	7228	6895	6841	6847	6734	7196	7.0%	8.5%
Canada	2604	2721	2677	2858	3004	3085	3041	3208	3320	3268	3212	-1.0%	4.1%
Mexico	3343	3450	3560	3585	3789	3824	3760	3683	3471	3167	2979	-6.2%	3.9%
Total North America	13678	13904	13906	14069	14193	14137	13696	13732	13638	13169	13388	1.6%	16.5%
Argentina	847	819	830	818	806	754	725	716	699	682	676	-0.7%	0.9%
Brazil	1133	1268	1337	1499	1555	1542	1716	1809	1833	1899	2029	7.1%	2.6%
Colombia	838	711	627	601	564	551	554	559	561	616	685	12.2%	0.9%
Ecuador	383	409	416	401	427	535	541	545	520	514	495	-3.6%	0.7%
Peru	107	100	98	98	92	94	111	116	114	120	145	21.0%	0.2%
Trinidad & Tobago	141	138	135	155	164	152	171	174	154	149	151	-0.6%	0.2%
Venezuela	3126	3239	3142	2895	2554	2907	2937	2808	2613	2558	2437	-4.9%	3.3%
Other S. & Cent. America	124	130	137	152	153	144	143	141	143	140	141	0.4%	0.2%
Total S. & Cent. America	6699	6813	6722	6619	6314	6680	6899	6866	6636	6678	6760	1.2%	8.9%
Azerbaijan	279	282	301	311	313	315	452	654	869	915	1033	13.5%	1.3%
Denmark	299	363	348	371	368	390	377	342	311	287	265	-7.9%	0.3%
Italy	104	95	86	115	116	113	127	120	122	108	95	-12.4%	0.1%
Kazakhstan	631	744	836	1018	1111	1297	1356	1426	1484	1554	1682	8.5%	2.0%
Norway	3139	3346	3418	3333	3264	3189	2969	2779	2550	2451	2342	-4.8%	2.8%
Romania	133	131	130	127	123	119	114	105	99	98	93	-5.4%	0.1%
Russian Federation	6178	6536	7056	7698	8544	9287	9552	9769	9978	9888	10032	1.5%	12.9%
Turkmenistan	143	144	162	182	202	193	192	186	198	205	206	0.3%	0.3%
United Kingdom	2909	2667	2476	2463	2257	2028	1809	1636	1638	1526	1448	-4.8%	1.8%
Uzbekistan	191	177	171	171	166	152	126	125	114	114	107	-6.6%	0.1%
Other Europe & Eurasia	474	465	465	501	509	496	468	455	448	425	400	-5.7%	0.5%
Total Europe & Eurasia	14480	14950	15450	16289	16973	17579	17541	17595	17810	17572	17702	0.8%	22.4%
Iran	3603	3855	3892	3709	4183	4248	4234	4286	4322	4327	4216	-3.3%	5.3%
Iraq	2610	2614	2523	2116	1344	2030	1833	1999	2143	2423	2482	2.4%	3.2%
Kuwait	2085	2206	2148	1995	2329	2475	2618	2690	2636	2782	2481	-11.3%	3.2%
Oman	911	959	960	904	824	786	778	742	715	754	810	7.4%	1.0%
Qatar	723	757	754	764	879	992	1028	1110	1197	1378	1345	-4.6%	1.5%
Saudi Arabia	8853	9491	9209	8928	10164	10638	11114	10853	10449	10846	9713	-10.6%	12.0%
Syria	579	548	581	548	527	495	450	435	415	398	376	-5.5%	0.5%
United Arab Emirates	2511	2547	2455	2260	2553	2664	2753	2971	2900	2936	2599	-12.0%	3.2%
Yemen	405	450	455	457	448	420	416	380	345	304	298	-2.0%	0.4%
Other Middle East	48	48	47	48	48	48	34	32	35	33	37	13.7%	♦
Total Middle East	22328	23475	23025	21729	23299	24797	25258	25497	25156	26182	24357	-7.3%	30.3%
Algeria	1515	1578	1562	1680	1852	1946	2015	2003	2016	1993	1811	-9.1%	2.0%
Angola	745	746	742	905	870	1103	1405	1421	1684	1875	1784	-4.9%	2.3%
Cameroon	95	88	81	72	67	89	82	87	82	84	73	-12.8%	0.1%
Chad	—	—	—	—	24	168	173	153	144	127	118	-7.3%	0.2%
Republic of Congo (Brazzaville)	266	254	234	231	215	216	246	262	222	249	274	10.0%	0.4%
Egypt	827	781	758	751	749	721	696	697	710	722	742	2.1%	0.9%
Equatorial Guinea	100	91	177	200	244	346	376	364	376	350	307	-12.3%	0.4%
Gabon	340	327	301	295	240	235	234	235	230	235	229	-2.6%	0.3%
Libya	1425	1475	1427	1375	1485	1623	1745	1815	1820	1820	1652	-9.4%	2.0%
Nigeria	2066	2155	2274	2103	2238	2431	2499	2420	2305	2116	2061	-3.6%	2.6%
Sudan	63	174	217	241	265	301	305	331	468	480	490	2.0%	0.6%
Tunisia	84	78	71	74	68	71	73	70	97	89	86	-3.4%	0.1%
Other Africa	56	56	53	63	71	75	72	66	84	79	79	♦	0.1%
Total Africa	7583	7804	7897	7990	8386	9324	9921	9925	10238	10219	9705	-5.2%	12.0%
Australia	625	809	733	730	624	582	580	554	567	556	559	-0.4%	0.6%
Brunei	182	193	203	210	214	210	206	221	194	175	168	-3.9%	0.2%
China	3213	3252	3306	3346	3401	3481	3627	3684	3743	3901	3790	-2.8%	4.9%
India	736	726	727	753	756	773	738	762	769	768	754	-1.8%	0.9%
Indonesia	1408	1456	1389	1289	1183	1129	1087	1017	969	1031	1021	-1.6%	1.3%
Malaysia	737	735	719	757	776	793	759	747	763	768	740	-3.7%	0.9%
Thailand	140	176	191	204	236	223	265	286	305	321	330	3.2%	0.4%
Vietnam	296	328	350	354	364	427	398	367	337	317	345	9.0%	0.4%
Other Asia Pacific	218	200	195	193	195	235	286	305	320	340	328	-3.1%	0.4%
Total Asia Pacific	7556	7874	7813	7836	7750	7853	7946	7942	7968	8175	8036	-1.9%	10.0%
Total World	72325	74820	74813	74533	76916	80371	81261	81557	81446	81995	79948	-2.6%	100.0%
of which: European Union	3684	3493	3285	3339	3128	2902	2659	2422	2388	2222	2082	-6.1%	2.6%
OECD	21103	21521	21303	21430	21165	20766	19861	19458	19140	18414	18390	-0.2%	22.5%
OPEC	29646	31072	30544	29132	30877	33592	34721	34920	34604	35568	33076	-7.3%	41.2%
Non-OPEC‡	35127	35734	35608	35869	35540	35371	34700	34321	34046	33602	33671	0.1%	41.9%
Former Soviet Union	7552	8014	8660	9533	10499	11407	11839	12316	12795	12825	13202	3.0%	16.9%

*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.



Production*

Million tonnes	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	352.6	352.6	349.2	346.8	338.4	329.2	313.3	310.2	309.8	304.9	325.3	7.0%	8.5%
Canada	121.0	126.9	126.1	135.0	142.6	147.6	144.9	153.4	159.5	157.7	155.7	-1.0%	4.1%
Mexico	165.2	171.2	176.6	178.4	188.8	190.7	187.1	183.1	172.7	157.7	147.5	-6.2%	3.9%
Total North America	638.8	650.8	651.8	660.2	669.8	667.4	645.3	646.7	642.0	620.4	628.5	1.6%	16.5%
Argentina	41.8	40.4	41.5	40.9	40.2	37.8	36.2	35.8	34.9	34.1	33.8	-0.7%	0.9%
Brazil	56.3	63.2	66.3	74.4	77.0	76.5	84.6	89.2	90.4	93.9	100.4	7.1%	2.6%
Colombia	41.6	35.3	31.0	29.7	27.9	27.3	27.3	27.5	27.6	30.5	34.1	12.2%	0.9%
Ecuador	19.5	20.9	21.2	20.4	21.7	27.3	27.6	27.7	26.5	26.2	25.2	-3.6%	0.7%
Peru	5.2	4.9	4.8	4.8	4.5	4.4	5.0	5.1	5.1	5.3	6.4	21.0%	0.2%
Trinidad & Tobago	6.9	6.8	6.5	7.5	7.9	7.3	8.3	8.3	7.2	6.9	6.8	-0.6%	0.2%
Venezuela	160.9	167.3	161.6	148.8	131.4	150.0	151.0	144.2	133.9	131.5	124.8	-4.9%	3.3%
Other S. & Cent. America	6.2	6.6	6.9	7.8	7.8	7.3	7.2	7.1	7.2	7.1	7.1	0.4%	0.2%
Total S. & Cent. America	338.4	345.3	339.9	334.2	318.3	337.9	347.1	345.0	332.7	335.5	338.5	1.2%	8.9%
Azerbaijan	13.9	14.1	15.0	15.4	15.5	15.6	22.4	32.5	42.8	44.7	50.6	13.5%	1.3%
Denmark	14.6	17.7	17.0	18.1	17.9	19.1	18.4	16.7	15.2	14.0	12.9	-7.9%	0.3%
Italy	5.0	4.6	4.1	5.5	5.6	5.5	6.1	5.8	5.9	5.2	4.6	-12.4%	0.1%
Kazakhstan	30.1	35.3	40.1	48.2	52.4	60.6	62.6	66.1	68.4	72.0	78.0	8.5%	2.0%
Norway	149.7	160.2	162.0	157.3	153.0	149.9	138.2	128.7	118.6	114.1	108.3	-4.8%	2.8%
Romania	6.4	6.3	6.2	6.1	5.9	5.7	5.4	5.0	4.7	4.7	4.5	-5.4%	0.1%
Russian Federation	304.8	323.3	348.1	379.6	421.4	458.8	470.0	480.5	491.3	488.5	494.2	1.5%	12.9%
Turkmenistan	7.1	7.2	8.0	9.0	10.0	9.6	9.5	9.2	9.8	10.2	10.2	0.3%	0.3%
United Kingdom	137.4	126.2	116.7	115.9	106.1	95.4	84.7	76.6	76.8	71.7	68.0	-4.8%	1.8%
Uzbekistan	8.1	7.5	7.2	7.2	7.1	6.6	5.4	5.4	4.9	4.8	4.5	-6.6%	0.1%
Other Europe & Eurasia	22.7	22.4	22.2	23.6	24.0	23.4	21.9	21.5	21.3	20.2	19.0	-5.7%	0.5%
Total Europe & Eurasia	699.6	724.7	746.6	786.0	818.9	850.1	844.8	847.9	859.7	850.2	854.8	0.8%	22.4%
Iran	178.1	191.3	191.4	180.9	203.7	207.8	206.3	208.2	209.7	209.9	202.4	-3.3%	5.3%
Iraq	128.3	128.8	123.9	104.0	66.1	100.0	90.0	98.1	105.2	119.3	121.8	2.4%	3.2%
Kuwait	102.6	109.1	105.8	98.2	114.8	122.3	129.3	132.7	129.9	137.2	121.3	-11.3%	3.2%
Oman	45.0	46.4	46.1	43.4	39.6	38.1	37.4	35.7	34.5	35.9	38.5	7.4%	1.0%
Qatar	34.3	36.1	35.7	35.2	40.8	46.0	47.3	50.9	53.6	60.8	57.9	-4.6%	1.5%
Saudi Arabia	423.6	456.3	440.6	425.3	485.1	506.0	526.8	514.3	494.2	515.3	459.5	-10.6%	12.0%
Syria	28.8	27.3	28.9	27.2	26.2	24.7	22.4	21.6	20.6	19.8	18.7	-5.5%	0.5%
United Arab Emirates	117.4	119.3	114.4	105.4	119.4	125.1	129.0	139.0	135.1	137.3	120.6	-12.0%	3.2%
Yemen	19.2	21.3	21.5	21.5	21.1	19.9	19.6	17.9	16.3	14.4	14.0	-2.0%	0.4%
Other Middle East	2.2	2.2	2.2	2.2	2.2	1.6	1.4	1.6	1.5	1.5	1.7	13.7%	♦
Total Middle East	1079.4	1138.1	1110.5	1043.5	1119.1	1192.3	1209.6	1220.0	1200.8	1251.5	1156.4	-7.3%	30.3%
Algeria	63.9	66.8	65.8	70.9	79.0	83.6	86.4	86.2	86.5	85.6	77.6	-9.1%	2.0%
Angola	36.7	36.9	36.6	44.6	42.8	54.5	69.0	69.6	82.5	92.2	87.4	-4.9%	2.3%
Cameroon	4.8	4.5	4.1	3.6	3.4	4.5	4.2	4.4	4.2	4.3	3.7	-12.8%	0.1%
Chad	—	—	—	—	1.2	8.8	9.1	8.0	7.5	6.7	6.2	-7.3%	0.2%
Republic of Congo (Brazzaville)	13.7	13.1	12.1	11.9	11.1	11.2	12.7	13.5	11.5	12.9	14.1	10.0%	0.4%
Egypt	41.4	38.8	37.3	37.0	36.8	35.4	33.9	33.7	34.1	34.6	35.3	2.1%	0.9%
Equatorial Guinea	5.0	4.5	8.8	9.9	12.1	17.2	18.6	18.0	18.6	17.4	15.2	-12.3%	0.4%
Gabon	17.0	16.4	15.0	14.7	12.0	11.8	11.7	11.7	11.5	11.8	11.4	-2.6%	0.3%
Libya	67.0	69.5	67.1	64.6	69.8	76.5	81.9	84.9	85.0	85.3	77.1	-9.4%	2.0%
Nigeria	100.8	105.4	110.8	102.3	109.3	119.0	122.1	117.8	112.1	103.1	99.1	-3.6%	2.6%
Sudan	3.1	8.6	10.7	11.9	13.1	14.9	15.0	16.3	23.1	23.7	24.1	2.0%	0.6%
Tunisia	4.0	3.7	3.4	3.5	3.2	3.4	3.4	3.3	4.6	4.2	4.1	-3.4%	0.1%
Other Africa	2.7	2.7	2.5	3.0	3.5	3.6	3.5	3.2	4.2	3.9	3.9	♦	0.1%
Total Africa	360.0	370.9	374.1	377.9	397.2	444.3	471.6	470.7	485.3	485.6	459.3	-5.2%	12.0%
Australia	26.7	35.3	31.8	31.5	26.6	24.8	24.5	23.4	24.1	23.8	23.6	-0.4%	0.6%
Brunei	8.9	9.4	9.9	10.2	10.5	10.3	10.1	10.8	9.5	8.5	8.2	-3.9%	0.2%
China	160.2	162.6	164.8	166.9	169.6	174.1	180.8	183.7	186.7	195.1	189.0	-2.8%	4.9%
India	34.6	34.2	34.1	35.2	35.4	36.3	34.6	35.8	36.1	36.1	35.4	-1.8%	0.9%
Indonesia	68.6	71.5	68.0	63.0	57.7	55.2	53.0	49.9	47.4	49.9	49.0	-1.6%	1.3%
Malaysia	33.9	33.7	32.9	34.5	35.6	36.5	34.4	33.5	34.2	34.6	33.2	-3.7%	0.9%
Thailand	5.4	7.0	7.5	8.2	9.6	9.1	10.8	11.8	12.5	13.3	13.6	3.2%	0.4%
Vietnam	14.6	16.2	17.1	17.3	17.7	20.8	19.4	17.8	16.4	15.4	16.8	9.0%	0.4%
Other Asia Pacific	10.2	9.4	9.1	9.0	9.1	10.5	12.5	13.2	13.9	14.7	14.2	-3.1%	0.4%
Total Asia Pacific	363.1	379.2	375.2	375.7	371.8	377.6	380.1	379.8	380.8	391.5	383.1	-1.9%	10.0%
Total World	3479.3	3609.0	3598.1	3577.5	3695.1	3869.7	3898.6	3910.0	3901.4	3934.7	3820.5	-2.6%	100.0%
of which: European Union	174.8	166.3	155.6	158.2	148.2	137.7	125.7	114.6	113.1	105.4	98.7	-6.1%	2.6%
OECD	988.9	1011.1	999.5	1005.3	995.6	977.9	931.8	912.0	897.7	864.4	860.1	-0.2%	22.5%
OPEC	1432.9	1507.6	1474.7	1400.6	1483.9	1618.3	1666.7	1673.7	1654.4	1703.8	1574.7	-7.3%	41.2%
Non-OPEC‡	1676.4	1708.0	1698.8	1710.7	1697.6	1692.9	1654.7	1635.5	1622.9	1604.0	1602.0	0.1%	41.9%
Former Soviet Union	370.0	393.4	424.6	466.2	513.6	558.5	577.1	600.7	624.1	627.0	643.9	3.0%	16.9%

*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.

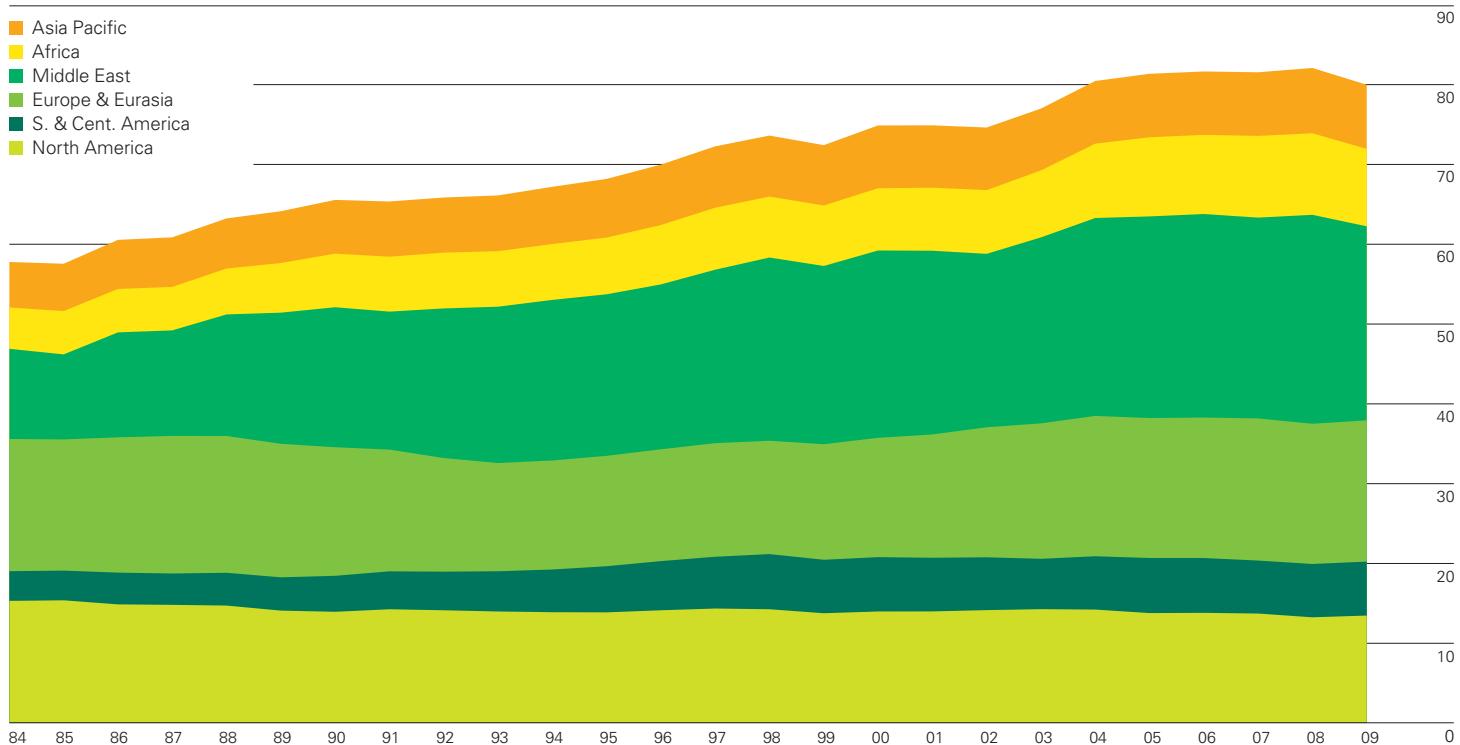
♦Less than 0.05%.

‡Excludes Former Soviet Union.

Note: Growth rates are adjusted for leap years.

Production by region

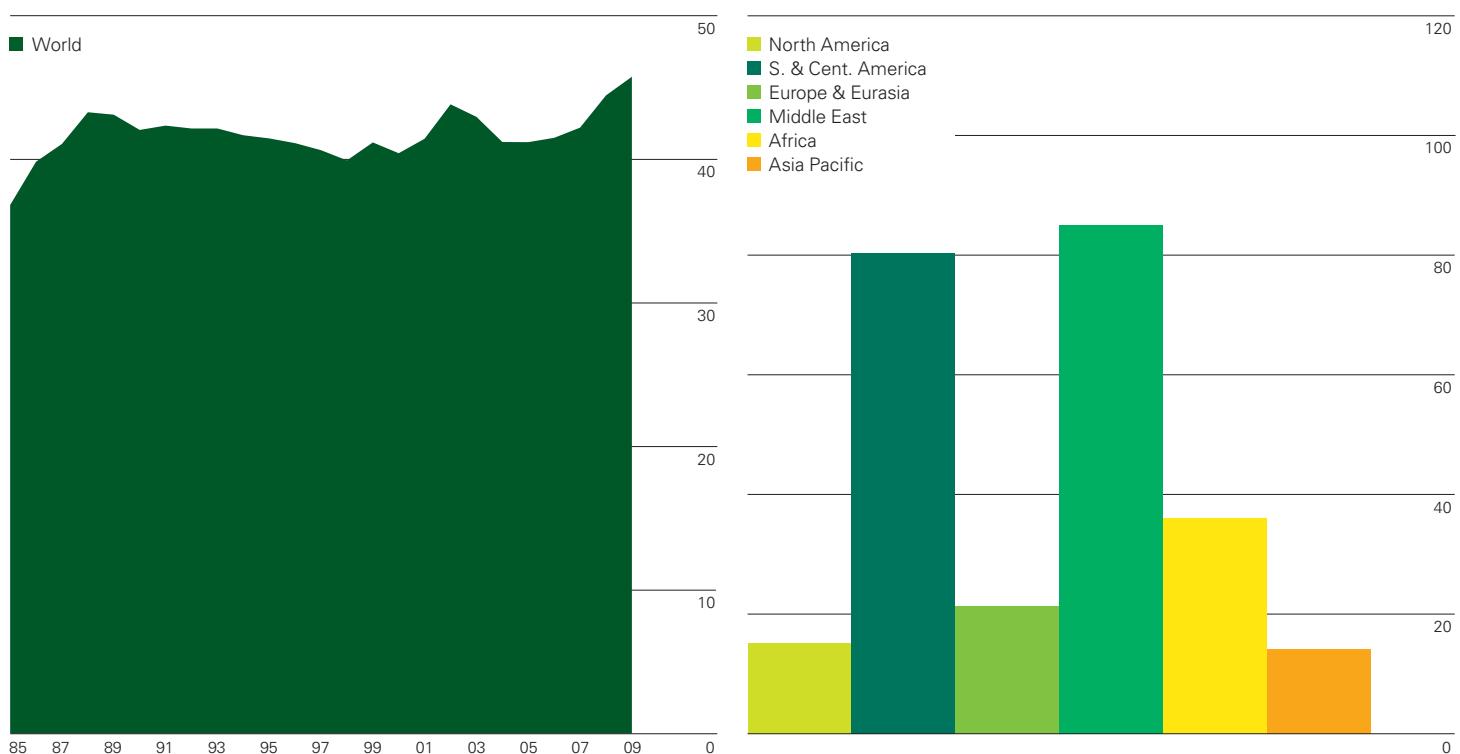
Million barrels daily



World oil production fell by 2 million b/d in 2009, the largest decline since 1982. OPEC production fell by 2.5 million b/d; Saudi Arabian output fell by 1.1 million b/d, the world's largest volumetric decline. Production outside OPEC rose by 450,000b/d, led by an increase of 460,000b/d in the US, the largest increase in the world and the strongest US growth since 1970.

Reserves-to-production (R/P) ratios

Years



Global proved oil reserves rose by 0.7 billion barrels to 1,333.1 billion barrels, with an R/P ratio of 45.7 years. Increases in Indonesia and Saudi Arabia more than offset declines in Norway, Mexico and Vietnam. The 2008 figure has been revised higher by 74.4 billion barrels, largely due to an increase in Venezuelan official reserves.



Consumption*

Thousand barrels daily	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	19519	19701	19649	19761	20033	20732	20802	20687	20680	19498	18686	-4.9%	21.7%
Canada	1926	1937	2023	2067	2132	2248	2247	2246	2323	2287	2195	-4.4%	2.5%
Mexico	1842	1910	1899	1837	1885	1918	1974	1970	2017	2010	1945	-3.4%	2.2%
Total North America	23286	23548	23571	23665	24050	24898	25023	24904	25020	23795	22826	-4.7%	26.4%
Argentina	445	431	405	364	372	388	414	431	484	499	473	-5.7%	0.6%
Brazil	2114	2056	2082	2063	1985	1999	2033	2087	2258	2397	2405	-0.2%	2.7%
Chile	249	236	230	228	228	240	254	264	346	357	333	-7.5%	0.4%
Colombia	237	233	216	211	211	214	229	238	229	199	194	-2.7%	0.2%
Ecuador	131	129	132	131	137	141	168	182	196	207	216	5.2%	0.3%
Peru	159	155	148	147	140	153	152	147	154	172	188	8.8%	0.2%
Venezuela	474	496	545	594	479	523	576	607	597	607	609	0.9%	0.7%
Other S. & Cent. America	1095	1118	1159	1175	1201	1213	1222	1254	1269	1243	1235	-0.8%	1.5%
Total S. & Cent. America	4905	4855	4916	4913	4754	4871	5047	5210	5533	5681	5653	-0.8%	6.6%
Austria	251	245	265	272	294	286	295	294	278	279	270	-3.2%	0.3%
Azerbaijan	111	123	81	74	86	92	108	98	92	74	60	-20.2%	0.1%
Belarus	154	143	149	145	148	153	146	165	152	172	192	11.6%	0.2%
Belgium & Luxembourg	670	702	669	691	748	785	815	839	832	812	781	-3.7%	1.0%
Bulgaria	93	84	87	98	115	105	109	116	113	103	98	-5.2%	0.1%
Czech Republic	174	169	179	174	185	203	211	208	206	210	205	-2.1%	0.2%
Denmark	222	215	205	200	193	189	195	197	196	189	174	-8.3%	0.2%
Finland	224	224	222	226	239	224	233	225	226	225	212	-5.9%	0.3%
France	2044	2007	2023	1967	1965	1978	1960	1956	1923	1902	1833	-3.5%	2.3%
Germany	2824	2763	2804	2714	2664	2634	2605	2624	2393	2517	2422	-4.0%	2.9%
Greece	384	407	412	416	405	438	436	454	445	437	417	-5.3%	0.5%
Hungary	151	145	142	140	138	142	163	169	169	164	161	-1.9%	0.2%
Iceland	18	19	18	19	18	20	21	20	24	20	20	1.2%	♦
Republic of Ireland	172	170	185	182	178	184	194	194	198	190	169	-10.6%	0.2%
Italy	1980	1956	1946	1943	1927	1873	1819	1813	1759	1680	1580	-6.3%	1.9%
Kazakhstan	147	158	180	195	207	227	234	239	245	263	260	-3.3%	0.3%
Lithuania	63	49	56	53	51	55	58	59	59	64	61	-4.5%	0.1%
Netherlands	880	897	942	952	962	1003	1070	1093	1144	1089	1054	-3.6%	1.3%
Norway	216	201	213	208	219	210	212	217	222	214	211	-1.6%	0.3%
Poland	431	427	415	420	435	460	479	516	535	554	553	1.2%	0.7%
Portugal	330	324	327	338	317	322	331	300	302	283	269	-4.8%	0.3%
Romania	195	203	217	226	199	230	223	219	223	221	211	-4.2%	0.3%
Russian Federation	2625	2583	2566	2606	2622	2619	2601	2709	2708	2817	2695	-4.8%	3.2%
Slovakia	73	73	68	76	71	68	81	82	86	90	83	-8.3%	0.1%
Spain	1423	1452	1508	1526	1559	1593	1619	1602	1617	1574	1492	-5.2%	1.9%
Sweden	337	318	318	317	332	319	315	322	308	302	287	-5.7%	0.4%
Switzerland	271	263	281	267	259	258	262	269	243	258	262	1.9%	0.3%
Turkey	638	677	645	656	662	667	656	635	656	663	621	-6.5%	0.7%
Turkmenistan	80	79	83	86	95	95	100	118	113	117	120	1.6%	0.1%
Ukraine	272	256	288	286	295	310	296	309	339	336	307	-8.1%	0.4%
United Kingdom	1721	1697	1697	1693	1717	1764	1802	1785	1714	1681	1611	-4.3%	1.9%
Uzbekistan	138	132	130	125	142	134	109	102	99	101	101	-0.1%	0.1%
Other Europe & Eurasia	448	417	445	469	493	502	540	549	582	592	580	-2.0%	0.7%
Total Europe & Eurasia	19760	19577	19766	19760	19940	20139	20301	20498	20203	20193	19372	-4.2%	23.5%
Iran	1221	1301	1314	1413	1498	1558	1620	1693	1685	1761	1741	-1.3%	2.2%
Kuwait	243	246	251	271	296	327	359	333	338	370	419	9.8%	0.5%
Qatar	51	60	73	89	105	122	144	158	174	198	209	5.0%	0.2%
Saudi Arabia	1543	1579	1605	1632	1759	1880	1987	2065	2212	2390	2614	9.8%	3.1%
United Arab Emirates	271	258	297	326	340	364	394	420	448	475	455	-5.0%	0.6%
Other Middle East	1358	1394	1439	1432	1396	1454	1506	1578	1612	1671	1708	2.1%	2.1%
Total Middle East	4689	4838	4979	5164	5394	5706	6010	6247	6469	6864	7146	3.8%	8.7%
Algeria	187	192	200	222	231	240	251	260	288	311	331	6.5%	0.4%
Egypt	573	564	548	534	550	567	629	610	650	693	720	3.6%	0.9%
South Africa	457	463	474	486	503	514	516	529	550	532	518	-2.9%	0.6%
Other Africa	1273	1264	1295	1310	1329	1369	1405	1387	1442	1509	1513	0.3%	1.8%
Total Africa	2490	2484	2517	2552	2614	2691	2800	2786	2931	3045	3082	1.1%	3.7%
Australia	843	837	845	846	851	856	886	918	925	936	941	0.8%	1.1%
Bangladesh	68	66	80	80	83	83	94	93	93	92	93	0.4%	0.1%
China	4477	4772	4872	5288	5803	6772	6984	7410	7771	8086	8625	6.7%	10.4%
China Hong Kong SAR	194	202	244	268	270	316	287	305	324	294	286	-2.9%	0.4%
India	2134	2254	2284	2374	2420	2573	2569	2580	2838	3071	3183	3.7%	3.8%
Indonesia	1019	1122	1162	1191	1218	1290	1289	1252	1273	1314	1344	0.4%	1.6%
Japan	5598	5557	5422	5347	5440	5269	5343	5213	5039	4846	4396	-10.7%	5.1%
Malaysia	435	435	442	482	473	485	469	458	481	476	468	-1.6%	0.6%
New Zealand	130	133	134	139	149	149	154	156	156	156	148	-5.6%	0.2%
Pakistan	363	373	366	357	321	325	312	356	388	389	414	7.1%	0.5%
Philippines	375	348	347	331	331	338	315	284	300	265	265	-0.3%	0.3%
Singapore	619	654	716	699	668	748	794	853	916	968	1002	3.5%	1.3%
South Korea	2178	2229	2235	2282	2300	2283	2308	2317	2389	2287	2327	1.5%	2.7%
Taiwan	964	1003	991	999	1069	1084	1090	1097	1123	1037	1014	-3.3%	1.2%
Thailand	788	784	768	827	881	967	1005	996	985	962	975	1.7%	1.1%
Other Asia Pacific	334	357	375	381	396	419	432	433	462	481	516	8.3%	0.6%
Total Asia Pacific	20518	21126	21282	21891	22671	23957	24331	24721	25462	25662	25998	1.0%	31.1%
Total World	75648	76428	77032	77945	79424	82261	83513	84367	85619	85239	84077	-1.7%	100.0%
of which: European Union	14814	14692	14861	14797	14868	15032	15204	15260	14926	14775	14143	-4.4%	17.3%
OECD	47469	47653	47692	47676	48277	49073	49489	49323	49008	47353	45327	-4.8%	53.4%
Former Soviet Union	3714	3631	3646	3688	3769	3815	3798	3948	3973	4115	3965	-4.0%	4.7%
Other EMEs	24465	25144	25694	26581	27377	29374	30226	31096	32639	33771	34785	2.8%	41.9%

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

Growth rates are adjusted for leap years.

Differences between these world consumption figures and world production statistics on page 8 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.

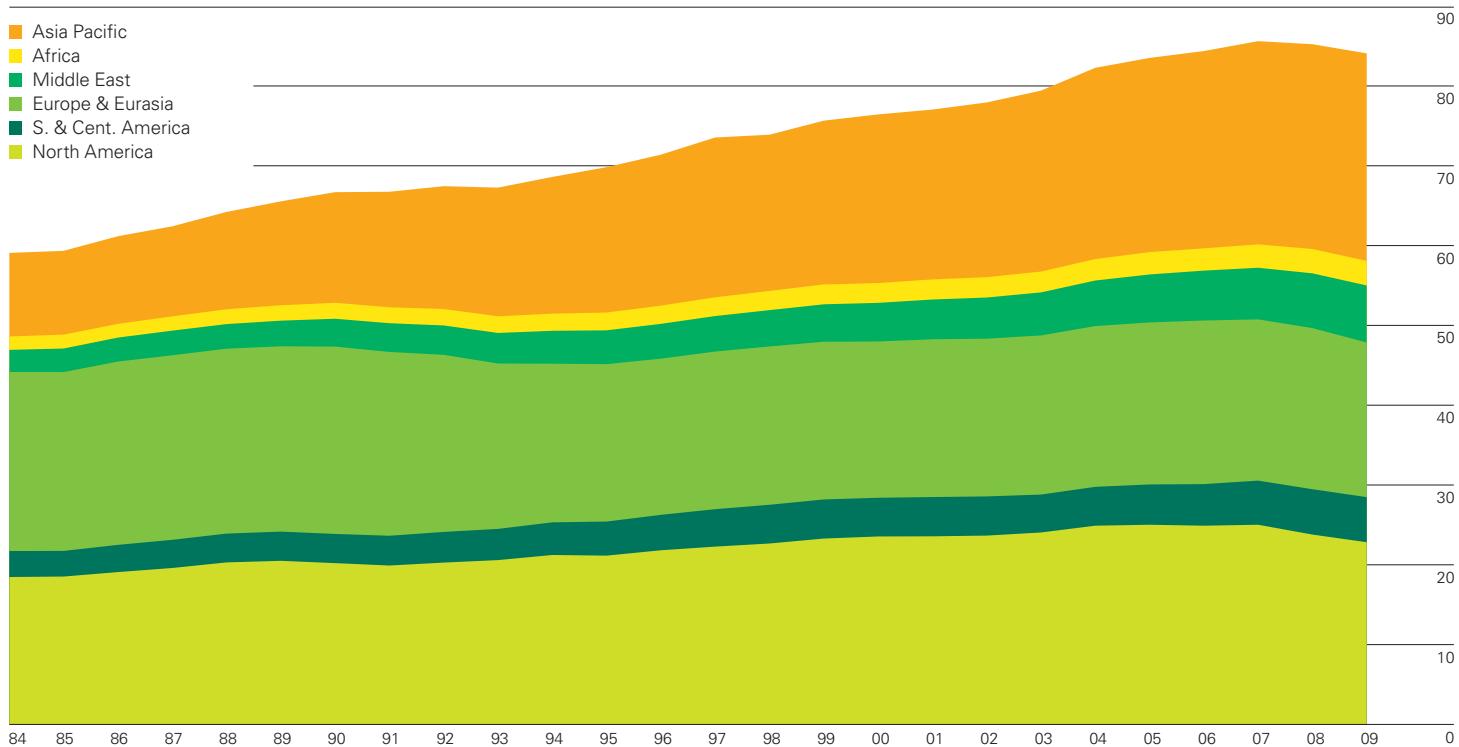


Consumption*

Million tonnes	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	888.9	897.6	896.1	897.4	912.3	948.8	951.4	943.8	942.3	888.5	842.9	-4.9%	21.7%
Canada	87.2	88.1	90.5	92.2	95.9	100.6	100.3	99.6	102.8	101.7	97.0	-4.4%	2.5%
Mexico	82.4	85.7	85.0	81.5	83.7	85.2	87.7	86.8	89.2	88.9	85.6	-3.4%	2.2%
Total North America	1058.4	1071.4	1071.6	1071.1	1091.8	1134.6	1139.4	1130.2	1134.3	1079.0	1025.5	-4.7%	26.4%
Argentina	21.0	20.3	19.1	17.1	17.6	18.4	19.7	20.5	23.0	23.8	22.3	-5.7%	0.6%
Brazil	92.5	91.6	92.9	91.6	87.8	88.4	89.5	92.1	99.0	104.8	104.3	-0.2%	2.7%
Chile	11.5	10.8	10.5	10.4	10.5	11.1	11.7	12.3	16.1	16.7	15.4	-7.5%	0.4%
Colombia	10.6	10.5	9.6	9.4	9.4	9.7	10.3	10.7	10.4	9.1	8.8	-2.7%	0.2%
Ecuador	6.0	5.8	5.9	5.9	6.2	6.3	7.5	8.2	8.9	9.4	9.9	5.2%	0.3%
Peru	7.5	7.4	7.0	6.9	6.5	7.2	7.0	6.8	7.1	7.9	8.5	8.8%	0.2%
Venezuela	21.3	22.5	24.8	27.0	22.0	24.2	25.9	27.4	26.7	27.2	27.4	0.9%	0.7%
Other S. & Cent. America	53.0	54.0	56.2	57.0	58.1	58.7	58.8	60.4	61.2	60.0	59.4	-0.8%	1.5%
Total S. & Cent. America	223.4	222.9	226.0	225.4	218.1	223.9	230.5	238.3	252.4	258.8	256.0	-0.8%	6.6%
Austria	12.1	11.8	12.8	13.1	14.2	13.8	14.2	14.2	13.4	13.5	13.0	-3.2%	0.3%
Azerbaijan	5.7	6.3	4.0	3.7	4.3	4.6	5.3	4.8	4.5	3.5	2.8	-20.2%	0.1%
Belarus	7.6	7.0	7.3	7.1	7.2	7.4	7.1	8.0	7.3	8.4	9.3	11.6%	0.2%
Belgium & Luxembourg	32.4	33.9	32.2	33.5	36.4	38.4	39.9	41.1	41.0	40.1	38.5	-3.7%	1.0%
Bulgaria	4.5	3.9	4.0	4.5	5.2	4.7	4.9	5.2	5.1	4.6	4.4	-5.2%	0.1%
Czech Republic	8.2	7.9	8.4	8.1	8.7	9.5	9.9	9.8	9.7	9.9	9.7	-2.1%	0.2%
Denmark	10.6	10.4	9.8	9.6	9.2	9.1	9.2	9.3	9.3	8.9	8.2	-8.3%	0.2%
Finland	10.7	10.7	10.5	10.9	11.4	10.6	11.0	10.6	10.6	10.5	9.9	-5.9%	0.3%
France	96.4	94.9	95.5	92.9	93.1	94.0	93.1	93.0	91.4	90.8	87.5	-3.5%	2.3%
Germany	132.4	129.8	131.6	127.4	125.1	124.0	122.4	123.6	112.5	118.9	113.9	-4.0%	2.9%
Greece	18.7	19.9	20.1	20.3	19.7	21.4	21.2	22.2	21.7	21.4	20.2	-5.3%	0.5%
Hungary	7.1	6.8	6.7	6.4	6.3	6.5	7.5	7.8	7.7	7.5	7.3	-1.9%	0.2%
Iceland	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.0	1.0	1.2%	♦
Republic of Ireland	8.3	8.2	9.0	8.8	8.5	8.9	9.3	9.3	9.4	9.0	8.0	-10.6%	0.2%
Italy	94.4	93.5	92.8	92.9	92.1	89.7	86.7	86.7	84.0	80.4	75.1	-6.3%	1.9%
Kazakhstan	7.0	7.4	8.6	9.3	9.9	10.8	11.0	11.4	11.5	12.4	12.0	-3.3%	0.3%
Lithuania	3.1	2.4	2.7	2.5	2.4	2.6	2.8	2.8	2.8	3.1	2.9	-4.5%	0.1%
Netherlands	41.4	42.7	44.7	44.7	45.1	47.3	50.8	52.2	53.8	51.4	49.4	-3.6%	1.3%
Norway	10.1	9.4	9.7	9.4	9.9	9.6	9.7	10.0	10.2	9.9	9.7	-1.6%	0.3%
Poland	19.9	20.0	19.2	19.4	19.9	21.1	21.9	23.3	24.2	25.3	25.5	1.2%	0.7%
Portugal	15.9	15.5	15.8	16.2	15.2	15.4	16.0	14.4	14.4	13.6	12.9	-4.8%	0.3%
Romania	9.5	10.0	10.6	10.6	9.4	10.9	10.5	10.3	10.3	10.4	9.9	-4.2%	0.3%
Russian Federation	126.2	123.5	122.3	123.5	123.4	123.3	121.9	127.1	126.3	131.6	124.9	-4.8%	3.2%
Slovakia	3.4	3.4	3.2	3.5	3.3	3.2	3.8	4.0	4.1	4.3	3.9	-8.3%	0.1%
Spain	68.4	70.0	72.7	73.8	75.5	77.6	78.8	78.1	78.8	77.1	72.9	-5.2%	1.9%
Sweden	16.1	15.2	15.2	15.2	15.9	15.3	15.1	15.5	14.7	14.5	13.7	-5.7%	0.4%
Switzerland	12.6	12.2	13.1	12.4	12.1	12.0	12.2	12.6	11.3	12.1	12.3	1.9%	0.3%
Turkey	29.5	31.1	29.9	30.6	31.0	31.0	30.2	29.5	30.5	30.9	28.8	-6.5%	0.7%
Turkmenistan	3.6	3.6	3.7	3.8	4.2	4.2	4.4	5.3	5.0	5.2	5.2	1.6%	0.1%
Ukraine	12.7	12.0	13.4	13.2	13.5	14.2	13.5	14.1	15.5	15.3	14.1	-8.1%	0.4%
United Kingdom	79.4	78.6	78.4	78.0	79.0	81.7	83.0	82.3	79.2	77.9	74.4	-4.3%	1.9%
Uzbekistan	6.7	6.5	6.3	6.1	6.9	6.5	5.3	5.0	4.8	4.9	4.9	-0.1%	0.1%
Other Europe & Eurasia	21.6	20.0	21.4	22.5	23.7	24.1	25.8	26.3	27.7	28.3	27.6	-2.0%	0.7%
Total Europe & Eurasia	937.0	929.4	936.4	935.0	942.7	954.5	959.6	970.4	954.0	956.7	913.9	-4.2%	23.5%
Iran	58.8	62.5	62.6	67.1	71.0	73.7	77.3	80.8	80.9	84.9	83.6	-1.3%	2.2%
Kuwait	11.6	11.8	12.0	13.0	14.1	15.7	17.3	15.8	16.0	17.5	19.2	9.8%	0.5%
Qatar	2.0	2.3	2.7	3.5	4.0	4.6	5.5	6.1	6.9	7.8	8.2	5.0%	0.2%
Saudi Arabia	71.5	73.4	74.2	75.2	80.9	87.0	91.4	95.6	102.5	111.3	121.8	9.8%	3.1%
United Arab Emirates	13.7	12.9	14.9	16.1	16.6	17.7	19.0	20.3	21.6	23.0	21.8	-5.0%	0.6%
Other Middle East	65.7	67.3	69.3	69.0	67.1	69.7	71.8	75.6	77.4	80.2	81.7	2.1%	2.1%
Total Middle East	223.2	230.2	235.6	243.9	253.7	268.4	282.3	294.2	305.3	324.8	336.3	3.8%	8.7%
Algeria	8.1	8.5	8.8	9.7	10.1	10.6	11.0	11.5	12.9	14.0	14.9	6.5%	0.4%
Egypt	27.8	27.2	26.1	25.2	25.9	26.8	29.8	28.7	30.6	32.6	33.7	3.6%	0.9%
South Africa	21.6	22.0	22.4	23.0	23.8	24.4	24.3	24.9	25.9	25.1	24.3	-2.9%	0.6%
Other Africa	60.4	60.0	61.2	61.9	62.6	64.5	66.2	65.4	67.9	71.2	71.2	0.3%	1.8%
Total Africa	117.9	117.6	118.6	119.9	122.5	126.3	131.4	130.5	137.3	143.0	144.2	1.1%	3.7%
Australia	38.0	37.7	38.1	38.0	38.3	38.8	39.8	41.4	41.7	42.5	42.7	0.8%	1.1%
Bangladesh	3.3	3.2	3.9	3.9	4.0	4.0	4.6	4.5	4.5	4.5	4.5	0.4%	0.1%
China	209.6	223.6	227.9	247.4	271.7	318.9	327.8	347.7	364.4	380.3	404.6	6.7%	10.4%
China Hong Kong SAR	9.3	9.7	11.8	12.9	13.0	15.4	13.9	14.9	16.0	14.5	14.0	-2.9%	0.4%
India	100.3	106.1	107.0	111.3	113.1	120.2	119.6	120.4	132.9	143.6	148.5	3.7%	3.8%
Indonesia	48.9	53.9	55.7	57.0	58.2	61.6	61.4	59.5	60.3	61.9	62.0	0.4%	1.6%
Japan	257.3	255.5	247.5	243.6	248.9	241.1	244.1	237.5	229.3	221.9	197.6	-10.7%	5.1%
Malaysia	20.1	20.1	20.3	22.1	21.7	22.4	21.5	21.0	22.0	21.8	21.4	-1.6%	0.6%
New Zealand	6.0	6.2	6.2	6.4	6.9	6.9	7.1	7.2	7.2	7.3	6.8	-5.6%	0.2%
Pakistan	18.2	18.8	18.3	17.9	15.8	16.0	15.3	17.6	19.2	19.3	20.6	7.1%	0.5%
Philippines	18.0	16.6	16.5	15.5	15.5	15.9	14.8	13.3	14.0	12.2	12.1	-0.3%	0.3%
Singapore	31.6	33.5	36.4	35.5	33.9	38.1	40.9	44.0	47.4	50.4	52.1	3.5%	1.3%
South Korea	100.7	103.2	103.1	104.7	105.6	104.9	105.4	105.5	108.3	103.1	104.3	1.5%	2.7%
Taiwan	47.2	49.1	47.4	47.6	50.9	51.3	51.3	51.7	52.5	48.3	46.6	-3.3%	1.2%
Thailand	37.2	36.7	35.4	38.3	40.9	45.3	46.9	46.2	45.1	43.6	44.2	1.7%	1.1%
Other Asia Pacific	15.8	16.8	17.6	17.9	18.5	19.6	20.2	21.4	22.3	22.3	24.1	8.3%	0.6%
Total Asia Pacific	961.5	990.7	993.2	1020.0	1056.9	1120.4	1134.6	1152.5	1186.2	1197.5	1206.2	1.0%	31.1%
Total World	3521.5	3562.1	3581.3	3615.2	3685.8	3828.1	3877.8	3916.2	3969.5	3959.9	3882.1	-1.7%	100.0%
of which: European Union	701.3	697.7	704.3	700.8	704.3	714.4	721.3	724.9	707.9	703.4	670.8	-4.4%	17.3%
OECD	2189.4	2200.7	2198.6	2191.8	2224.1	2267.5	2282.8	2272.1	2254.0	2182.7	2072.7	-4.8%	53.4%
Former Soviet Union	178.4	173.5	173.5	174.6	177.4	179.6	178.0	18					

Consumption by region

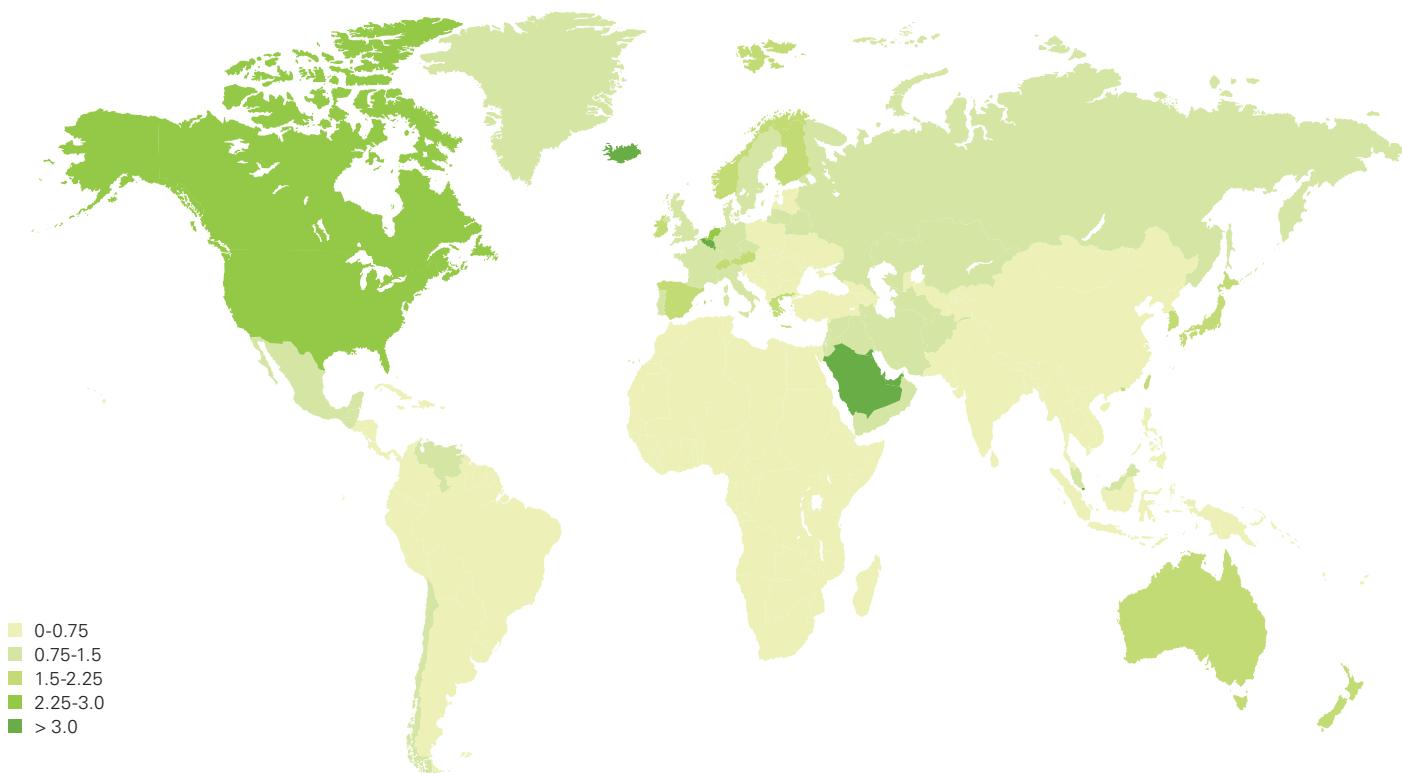
Million barrels daily



World oil consumption fell by 1.2 million b/d, a second consecutive decline and, like oil production, the largest decline since 1982. OECD consumption fell by 2 million b/d, a fourth consecutive annual decline. Consumption outside the OECD increased by 860,000b/d. Consumption declined in North America, South and Central America and Europe and Eurasia, outweighing modest increases in the Middle East, Africa and Asia-Pacific regions.

Consumption per capita 2009

Tonnes





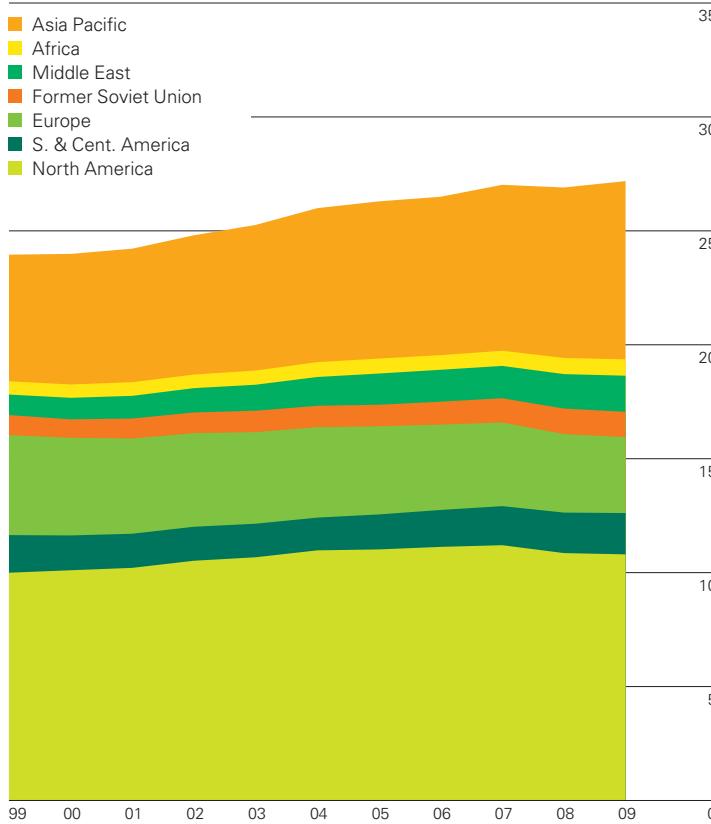
Regional consumption by product group

Thousand barrels daily	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
North America													
Light distillates	9998	10106	10211	10523	10675	10979	11020	11131	11205	10859	10803	-0.5%	47.3%
Middle distillates	6628	6811	6812	6655	6861	7133	7249	7297	7318	6934	6332	-8.7%	27.7%
Fuel oil	1415	1518	1411	1209	1271	1340	1396	1055	1082	950	814	-14.3%	3.6%
Others	5245	5112	5137	5278	5243	5446	5359	5420	5416	5051	4877	-3.4%	21.4%
Total North America	23286	23548	23571	23665	24050	24898	25023	24904	25020	23795	22826	-4.1%	100.0%
of which: US													
Light distillates	8716	8813	8890	9167	9275	9518	9548	9599	9597	9253	9221	-0.3%	49.3%
Middle distillates	5700	5852	5884	5735	5886	6116	6198	6226	6199	5801	5281	-9.0%	28.3%
Fuel oil	814	893	794	686	763	859	914	683	718	618	518	-16.2%	2.8%
Others	4290	4143	4082	4172	4109	4239	4143	4178	4166	3826	3666	-4.2%	19.6%
Total US	19519	19701	19649	19761	20033	20732	20802	20687	20680	19498	18686	-4.2%	100.0%
S. & Cent. America													
Light distillates	1650	1527	1497	1491	1472	1436	1535	1619	1714	1776	1812	2.0%	32.0%
Middle distillates	1625	1615	1650	1647	1641	1762	1796	1840	1989	2041	2011	-1.5%	35.6%
Fuel oil	715	761	794	768	728	719	719	736	793	802	791	-1.4%	14.0%
Others	915	952	976	1007	913	955	997	1016	1037	1062	1040	-2.1%	18.4%
Total S. & Cent. America	4905	4855	4916	4913	4754	4871	5047	5210	5533	5681	5653	-0.5%	100.0%
Europe													
Light distillates	4386	4281	4179	4106	4017	3967	3864	3744	3666	3445	3328	-3.4%	21.6%
Middle distillates	6690	6734	6991	6934	7137	7347	7595	7853	7759	7888	7642	-3.1%	49.6%
Fuel oil	2093	1967	1986	1995	1952	1888	1855	1773	1664	1631	1491	-8.6%	9.7%
Others	2877	2964	2964	3037	3064	3121	3189	3142	3115	2947	-5.4%	19.1%	
Total Europe	16046	15946	16120	16072	16171	16324	16503	16550	16231	16078	15407	-4.2%	100.0%
Former Soviet Union													
Light distillates	880	811	874	908	938	937	947	1006	1065	1117	1112	-0.4%	28.0%
Middle distillates	1022	1006	1027	1041	1082	1113	1146	1184	1250	1321	1222	-7.5%	30.8%
Fuel oil	936	761	694	666	639	576	550	608	492	475	421	-11.3%	10.6%
Others	877	1053	1052	1072	1110	1189	1155	1150	1166	1202	1210	0.7%	30.5%
Total Former Soviet Union	3714	3631	3646	3688	3769	3815	3798	3948	3973	4115	3965	-3.6%	100.0%
Middle East													
Light distillates	899	943	995	1065	1141	1263	1368	1399	1418	1512	1583	4.7%	22.2%
Middle distillates	1513	1591	1633	1689	1741	1793	1865	2028	2079	2216	2257	1.9%	31.6%
Fuel oil	1300	1269	1299	1301	1282	1354	1440	1475	1586	1682	1776	5.6%	24.9%
Others	978	1035	1052	1109	1230	1296	1336	1345	1385	1454	1530	5.2%	21.4%
Total Middle East	4689	4838	4979	5164	5394	5706	6010	6247	6469	6864	7146	4.1%	100.0%
Africa													
Light distillates	582	586	599	597	622	653	657	642	666	709	719	1.4%	23.3%
Middle distillates	1006	1031	1053	1080	1117	1131	1169	1196	1288	1332	1356	1.9%	44.0%
Fuel oil	501	458	436	424	381	390	432	411	415	432	420	-2.6%	13.6%
Others	401	409	429	451	495	518	542	536	563	573	586	2.4%	19.0%
Total Africa	2490	2484	2517	2552	2614	2691	2800	2786	2931	3045	3082	1.2%	100.0%
Asia Pacific													
Light distillates	5553	5726	5856	6108	6385	6752	6894	6946	7277	7475	7817	4.6%	30.1%
Middle distillates	7613	7750	7901	8044	8183	8707	8956	9012	9155	9360	9326	-0.4%	35.9%
Fuel oil	3694	3649	3453	3368	3518	3530	3522	3601	3592	3415	3083	-9.7%	11.9%
Others	3657	4001	4073	4372	4585	4969	4959	5161	5438	5412	5771	6.6%	22.2%
Total Asia Pacific	20518	21126	21282	21891	22671	23957	24331	24721	25462	25662	25998	1.3%	100.0%
of which: China													
Light distillates	1249	1270	1256	1352	1489	1673	1776	1853	1983	2175	2398	10.2%	27.8%
Middle distillates	1467	1590	1669	1791	1945	2285	2528	2723	2879	3180	3237	1.8%	37.5%
Fuel oil	771	775	780	792	880	956	904	938	892	754	695	-7.8%	8.1%
Others	990	1136	1167	1352	1489	1858	1777	1896	2017	1977	2295	16.1%	26.6%
Total China	4477	4772	4872	5288	5803	6772	6984	7410	7771	8086	8625	6.7%	100.0%
of which: Japan													
Light distillates	1702	1735	1720	1759	1788	1793	1822	1813	1790	1674	1674	♦	38.1%
Middle distillates	1978	1958	1957	1930	1904	1856	1876	1758	1619	1500	1380	-8.0%	31.4%
Fuel oil	840	785	678	637	755	660	683	664	713	713	454	-36.4%	10.3%
Others	1078	1079	1067	1021	993	960	963	979	966	959	888	-7.3%	20.2%
Total Japan	5598	5557	5422	5347	5440	5269	5343	5213	5039	4846	4396	-9.3%	100.0%
World													
Light distillates	23948	23981	24211	24797	25250	25987	26285	26488	27011	26893	27173	1.0%	32.3%
Middle distillates	26096	26538	27067	27091	27762	28985	29777	30409	30837	31091	30146	-3.0%	35.9%
Fuel oil	10655	10382	10073	9732	9772	9797	9913	9661	9623	9386	8797	-6.3%	10.5%
Others	14949	15526	15681	16326	16639	17493	17537	17809	18147	17869	17961	0.5%	21.4%
Total World	75648	76428	77032	77945	79424	82261	83513	84367	85619	85239	84077	-1.4%	100.0%
European Union													
Light distillates	4097	4010	3920	3844	3766	3719	3628	3509	3441	3236	3136	-3.1%	22.2%
Middle distillates	6170	6234	6463	6404	6592	6795	6996	7221	7105	7201	6962	-3.3%	49.2%
Fuel oil	1936	1785	1796	1792	1743	1703	1705	1651	1552	1519	1387	-8.7%	9.8%
Others	2611	2663	2682	2758	2767	2816	2875	2879	2828	2819	2659	-5.7%	18.8%
Total European Union	14814	14692	14861	14797	14868	15032	15204	15260	14926	14775	14143	-4.3%	100.0%
OECD													
Light distillates	17098	17156	17157	17470	17590	17847	17862	17882	17949	17249	17121	-0.7%	37.8%
Middle distillates	16108	16278	16529	16295	16684	17095	17483	17676	17459	17065	16097	-5.7%	35.5%
Fuel oil	4650	4622	4403	4163	4294	4205	4237	3784	3693	3518	2972	-15.5%	6.6%
Others	9612	9596	9604	9748	9709	9926	9906	9981	9908	9522	9137	-4.0%	20.2%
Total OECD	47469	47653	47692	47676	48277	49073	49489	49323	49008	47353	45327	-4.3%	100.0%
Other EMEs†													
Light distillates	5970	6014	6180	6418	6722	7203	7477	7600	7998	8528	8941	4.8%	25.7%
Middle distillates	8967	9255	9511	9754	9997	10777	11147	11549	12129	12705	12827	1.0%	36.9%
Fuel oil	5068	4999	4976	4902	4838	5016	5127	5268	5439	5393	5403	0.2%	15.5%
Others	4460	4877	5026	5506	5820	6378	6475	6678	7073	7145	7614	6.6%	21.9%
Total Other EMEs	24465	25144	25694	26581	27377	29374	30226						

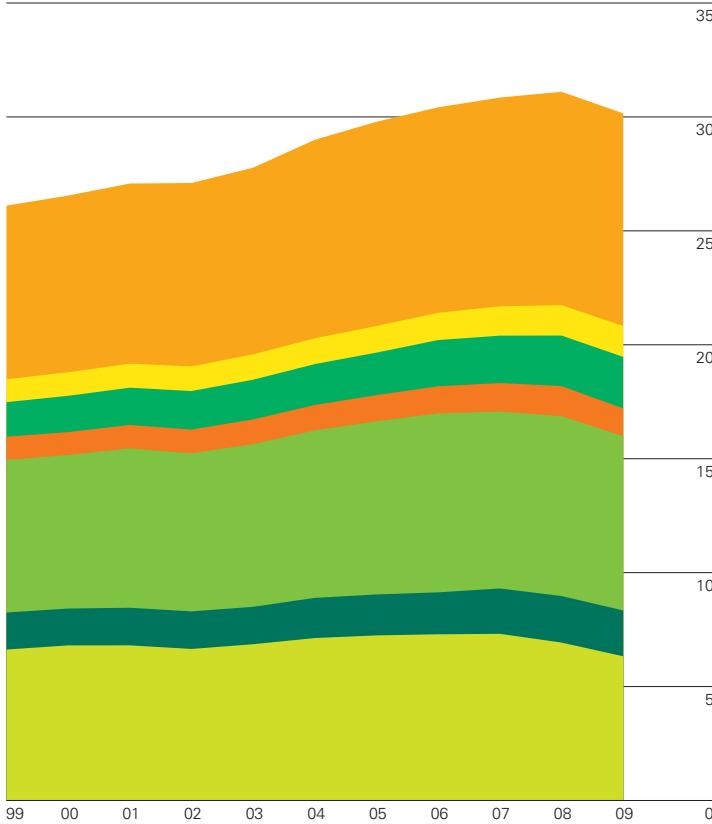
Product consumption by region

Million barrels daily

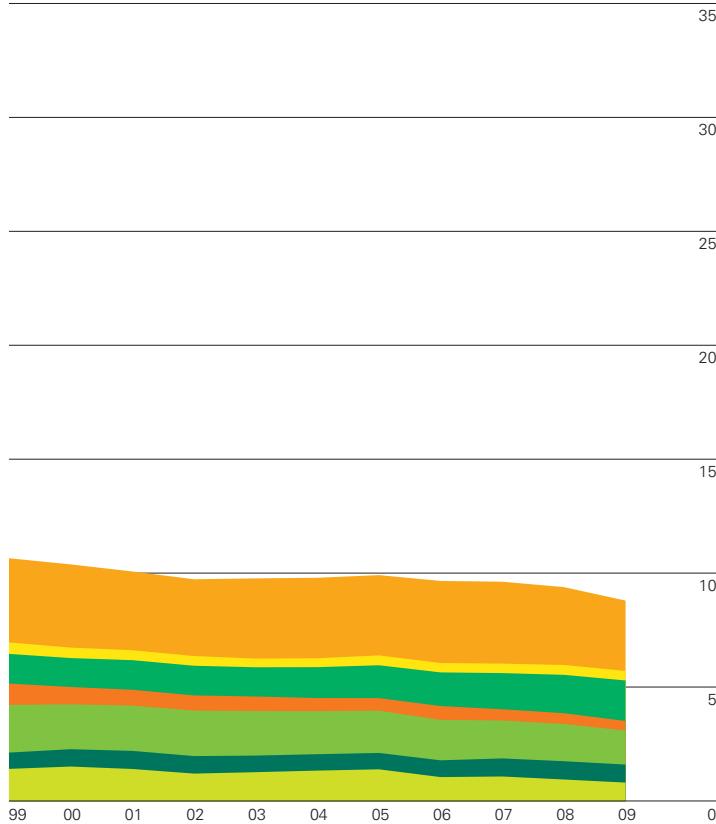
Light distillates



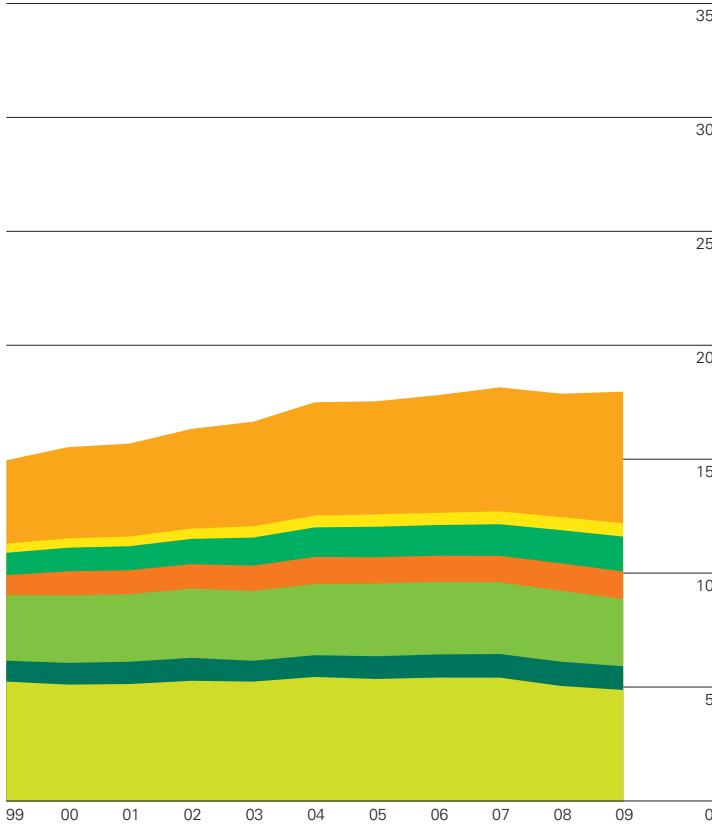
Middle distillates



Fuel oil



Others



Consumption growth was below the 10-year average for all refined product groups. Middle distillates consumption declined for the first time since 1982, falling in all regions but the Middle East and Africa. Fuel oil consumption experienced the largest decline since 1985.



Spot crude prices

US dollars per barrel	Dubai \$/bbl*	Brent \$/bbl†	Nigerian Forcados \$/bbl	West Texas Intermediate \$/bbl‡
1972	1.90	—	—	—
1973	2.83	—	—	—
1974	10.41	—	—	—
1975	10.70	—	—	—
1976	11.63	12.80	12.87	12.23
1977	12.38	13.92	14.21	14.22
1978	13.03	14.02	13.65	14.55
1979	29.75	31.61	29.25	25.08
1980	35.69	36.83	36.98	37.96
1981	34.32	35.93	36.18	36.08
1982	31.80	32.97	33.29	33.65
1983	28.78	29.55	29.54	30.30
1984	28.06	28.78	28.14	29.39
1985	27.53	27.56	27.75	27.98
1986	13.10	14.43	14.46	15.10
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

*1972-1985 Arabian Light, 1986-2009 Dubai dated.

†1976-1983 Forties, 1984-2009 Brent dated.

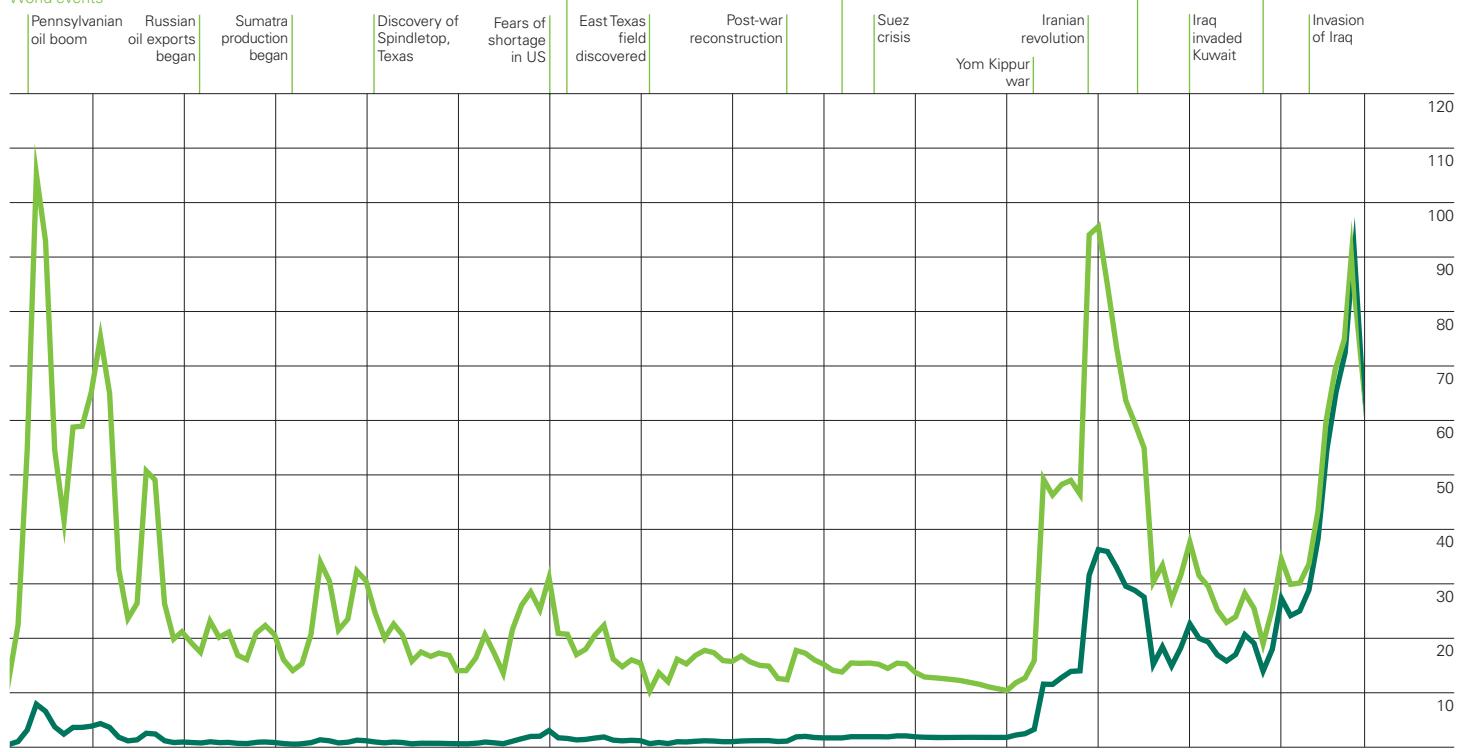
‡1976-1983 Posted WTI prices, 1984-2009 Spot WTI (Cushing) prices.

Source: Platts.

Crude oil prices 1861-2009

US dollars per barrel

World events



■ \$ 2009

■ \$ money of the day

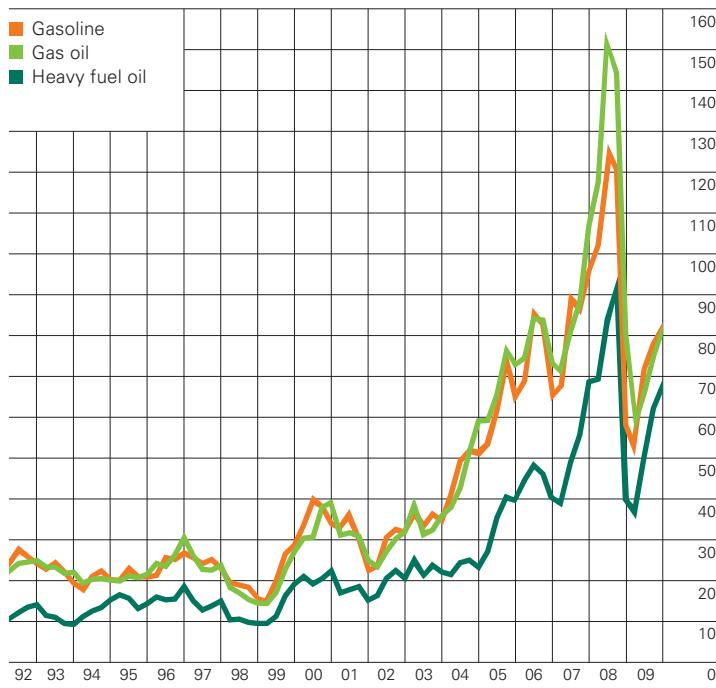
1861-1944 US average.

1945-1983 Arabian Light posted at Ras Tanura.

1984-2009 Brent dated.

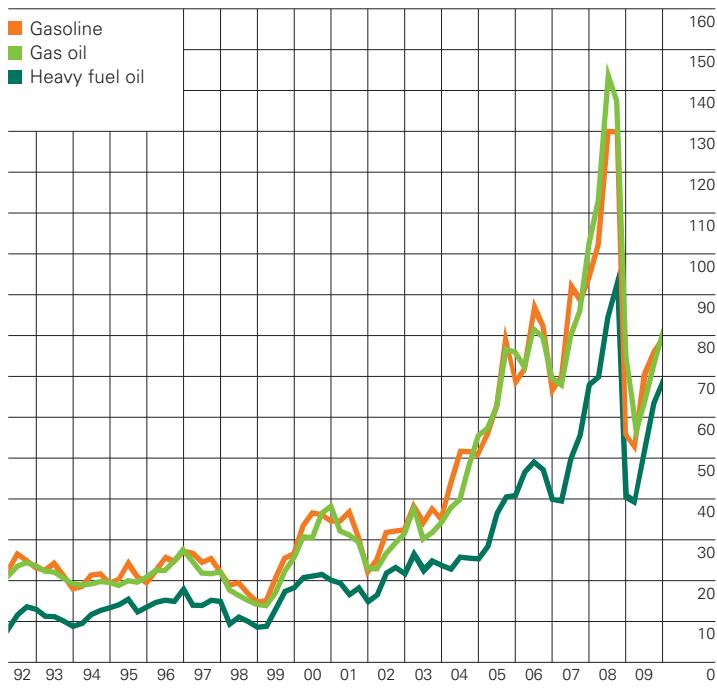
Rotterdam product prices

US dollars per barrel



US Gulf Coast product prices

US dollars per barrel



First quarter 1992: leaded gasoline.

From second quarter 1992: unleaded gasoline.

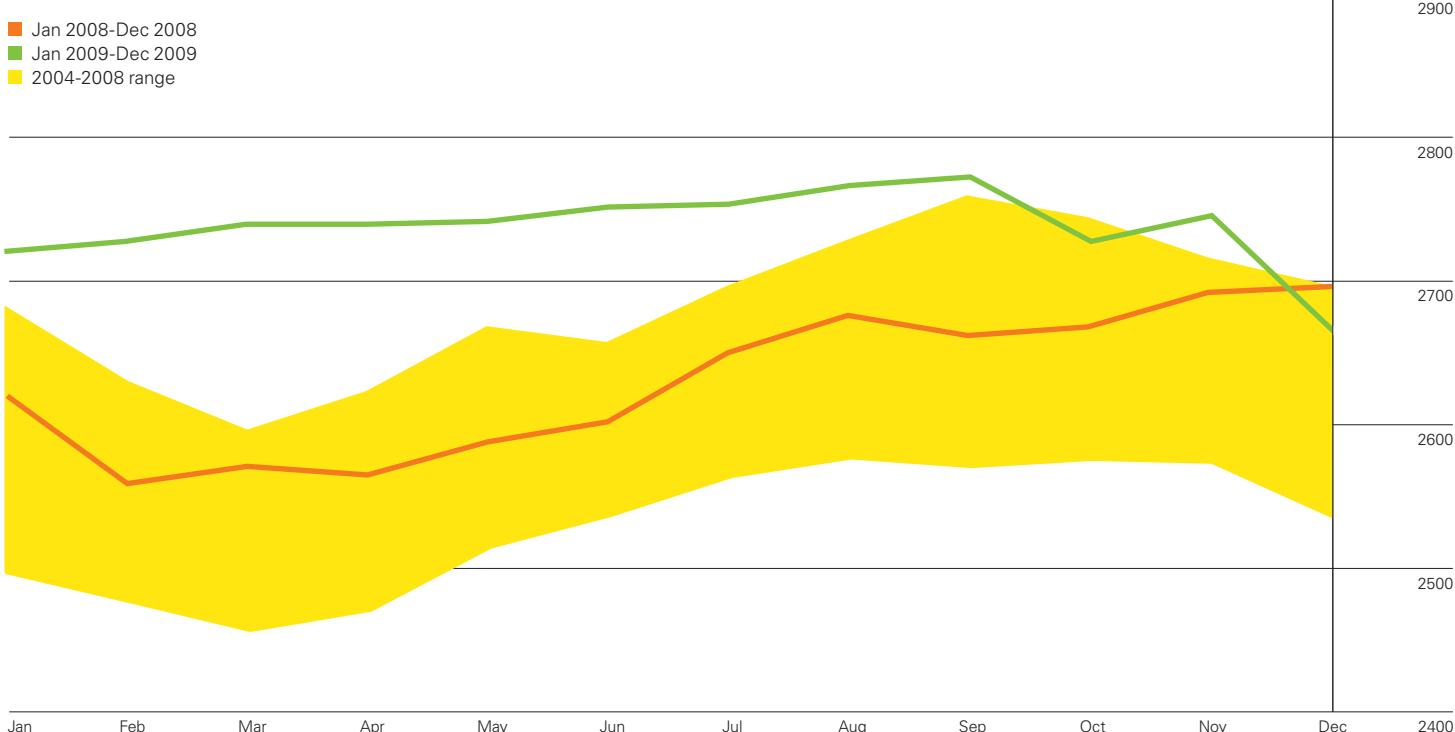
Source: Platts.

Source: Platts.

OECD total commercial oil stocks

Million barrels

- Jan 2008-Dec 2008
- Jan 2009-Dec 2009
- 2004-2008 range



Source: Monthly Oil Data Service © OECD/IEA, 2010.

Refinery capacities

Thousand barrels daily*	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	16512	16595	16785	16757	16894	17125	17339	17443	17594	17672	17688	0.1%	19.5%
Canada	1861	1861	1917	1923	1959	1915	1896	1914	1907	1951	1976	1.3%	2.2%
Mexico	1449	1481	1481	1463	1463	1463	1463	1463	1463	1463	1463	-	1.6%
Total North America	19822	19937	20183	20143	20316	20503	20698	20821	20964	21086	21127	0.2%	23.3%
Argentina	643	626	619	619	620	623	627	623	634	634	635	0.2%	0.7%
Brazil	1796	1849	1849	1854	1915	1915	1916	1916	1935	2045	2066	1.0%	2.3%
Netherlands Antilles	320	320	320	320	320	320	320	320	320	320	320	-	0.4%
Venezuela	1248	1291	1291	1291	1306	1311	1311	1311	1311	1311	1311	-	1.4%
Other S. & Cent. America	2203	2212	2194	2234	2223	2229	2245	2259	2309	2362	2355	-0.3%	2.6%
Total S. & Cent. America	6210	6298	6273	6318	6369	6393	6419	6429	6509	6672	6687	0.2%	7.4%
Belgium	736	770	785	803	805	782	778	774	745	745	745	-	0.8%
France	1933	1984	1961	1987	1967	1982	1978	1959	1962	1971	1971	-	2.2%
Germany	2240	2262	2274	2286	2304	2320	2322	2390	2390	2366	2362	-0.2%	2.6%
Greece	403	403	412	412	412	412	418	425	425	425	425	-	0.5%
Italy	2485	2485	2485	2485	2497	2515	2526	2497	2396	2396	2396	-	2.6%
Netherlands	1277	1277	1278	1282	1282	1284	1274	1274	1236	1280	1280	-	1.4%
Norway	323	318	307	310	310	310	310	310	310	310	310	-	0.3%
Russian Federation	5706	5655	5628	5590	5454	5457	5522	5599	5616	5596	5616	0.4%	6.2%
Spain	1326	1330	1330	1330	1347	1372	1377	1377	1377	1377	1377	-	1.5%
Sweden	422	422	422	422	422	422	422	422	422	422	422	-	0.5%
Turkey	713	713	713	713	693	613	613	613	613	613	613	-	0.7%
United Kingdom	1777	1778	1769	1785	1813	1848	1819	1836	1819	1827	1713	-6.3%	1.9%
Other Europe & Eurasia	6156	6002	5912	5754	5691	5687	5650	5537	5568	5619	5691	1.3%	6.3%
Total Europe & Eurasia	25497	25399	25276	25159	25005	25066	24999	25042	24981	24947	24920	-0.1%	27.5%
Iran	1597	1597	1597	1597	1607	1642	1727	1772	1805	1805	1860	3.0%	2.1%
Iraq	731	740	740	740	740	740	743	665	770	779	804	3.2%	0.9%
Kuwait	921	740	759	809	909	931	931	931	931	931	931	-	1.0%
Saudi Arabia	1823	1806	1806	1810	1890	2075	2100	2100	2100	2100	2100	-	2.3%
United Arab Emirates	290	440	674	711	645	620	620	625	673	673	673	-	0.7%
Other Middle East	1168	1168	1170	1248	1248	1248	1283	1339	1345	1345	1491	10.9%	1.6%
Total Middle East	6530	6491	6746	6915	7039	7256	7284	7326	7537	7633	7859	3.0%	8.7%
Total Africa	2950	2888	3155	3219	3168	3107	3225	3046	3024	3178	3263	2.7%	3.6%
Australia	828	828	815	829	756	763	711	694	733	734	734	-	0.8%
China	5401	5407	5643	5479	5487	6289	6587	7029	7511	7812	8635	10.5%	9.5%
India	2190	2219	2261	2303	2293	2558	2558	2872	2983	2992	3574	19.5%	3.9%
Indonesia	1119	1127	1127	1092	1057	1057	1127	1127	1068	1106	1106	3.6%	1.2%
Japan	5087	5010	4705	4721	4683	4567	4529	4542	4598	4650	4621	-0.6%	5.1%
Singapore	1246	1255	1255	1255	1255	1255	1255	1255	1255	1385	1385	-	1.5%
South Korea	2598	2598	2598	2598	2598	2598	2598	2633	2671	2712	2712	-	3.0%
Taiwan	732	732	874	1159	1159	1159	1159	1140	1197	1197	1197	-	1.3%
Thailand	899	899	1064	1068	1068	1068	1078	1125	1125	1175	1240	5.5%	1.4%
Other Asia Pacific	1344	1403	1512	1487	1416	1410	1428	1435	1443	1459	1602	9.8%	1.8%
Total Asia Pacific	21444	21478	21853	21990	21771	22724	22959	23851	24673	25184	26806	6.4%	29.6%
Total World	82452	82491	83487	83742	83668	85049	85584	86515	87687	88699	90662	2.2%	100.0%
of which: European Union	15378	15456	15540	15691	15729	15803	15811	15857	15784	15718	15598	-0.8%	17.2%
OECD	44115	44280	44226	44412	44516	44661	44694	44918	45122	45272	45197	-0.2%	49.9%
Former Soviet Union	8725	8574	8404	8133	7937	7940	7945	7978	8008	8008	8079	0.9%	8.9%
Other EMEs	29612	29637	30856	31198	31214	32448	32945	33636	34588	35419	37386	5.6%	41.2%

*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 Parpinelli Tecnon.

Refinery throughputs

Thousand barrels daily*	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	14804	15067	15128	14947	15304	15475	15220	15242	15156	14648	14313	-2.3%	19.5%
Canada	1714	1765	1812	1862	1880	1957	1882	1835	1834	1809	1736	-4.1%	2.4%
Mexico	1378	1363	1398	1390	1436	1436	1415	1407	1395	1392	1392	♦	1.9%
S. & Cent. America	5191	5337	5332	4941	5040	5430	5411	5356	5479	5384	4770	-11.4%	6.5%
Europe & Eurasia	18981	19240	19394	19459	19952	20413	20783	20824	20804	20676	19639	-5.0%	26.7%
Middle East	5632	5430	5406	5482	5566	5805	6007	6276	6361	6423	6400	-0.4%	8.7%
Africa	2343	2200	2440	2377	2301	2304	2493	2352	2360	2485	2378	-4.3%	3.2%
Australasia	880	851	847	855	823	820	757	749	767	756	761	0.7%	1.0%
China	3686	4218	4215	4395	4823	5382	5916	6155	6563	6953	7523	8.2%	10.2%
Japan	4149	4145	4107	3986	4118	4038	4136	4026	3995	3946	3627	-8.1%	4.9%
Other Asia Pacific	8244	8862	8976	8833	9247	9901	10021	10315	10584	10513	10973	4.4%	14.9%
Total World	67002	68478	69055	68527	70490	72962	74041	74537	75298	74986	73512	-2.0%	100.0%
of which: European Union	13528	13749	13685	13486	13733	14089	14172	14006	13765	13676	12805	-6.4%	17.4%
OECD	39320	39707	39712	39046	39848	40415	40214	40019	39689	38827	37046	-4.6%	50.4%
Former Soviet Union	4471	4583	4797	5060	5276	5413	5713	5875	6063	6162	6160	♦	8.4%
Other EMEs	23210	24189	24547	24421	25366	27134	28115	28643	29546	29997	30307	1.0%	41.2%

*Input to primary distillation units only.

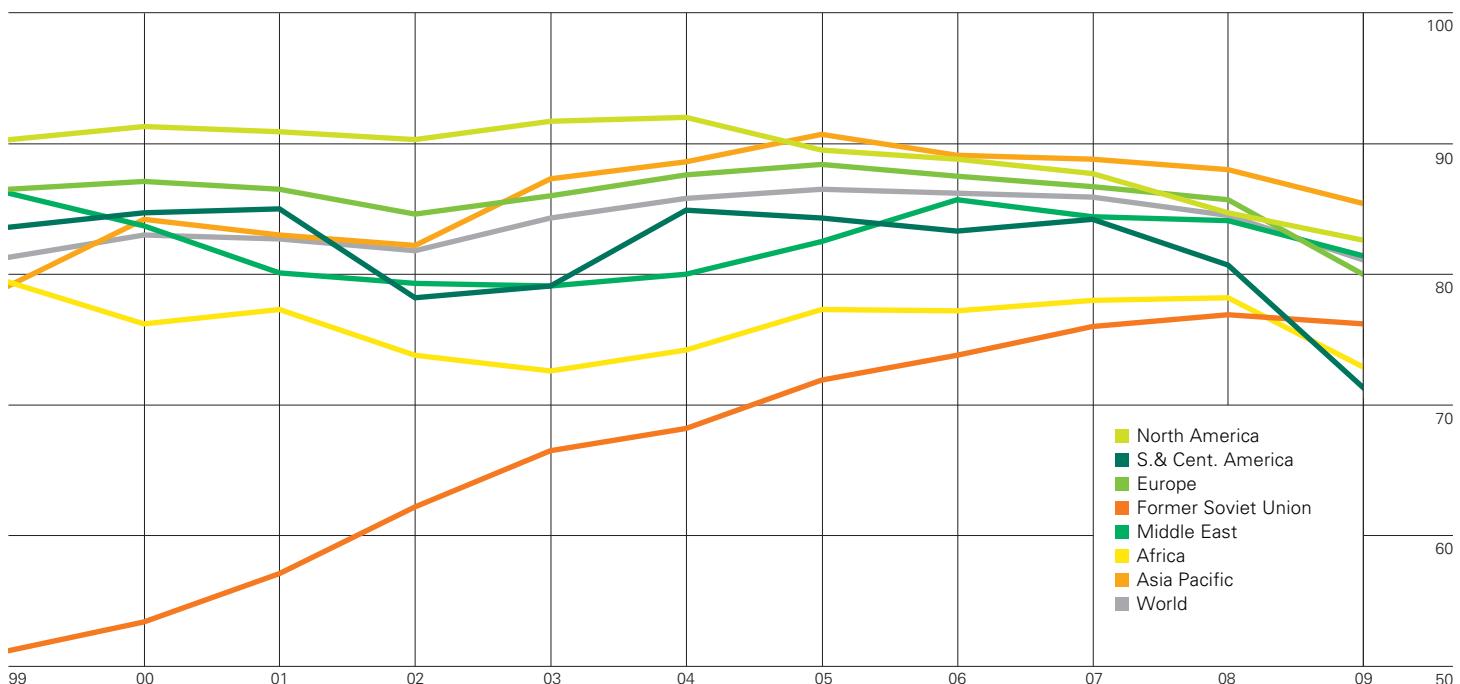
♦Less than 0.05%.

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

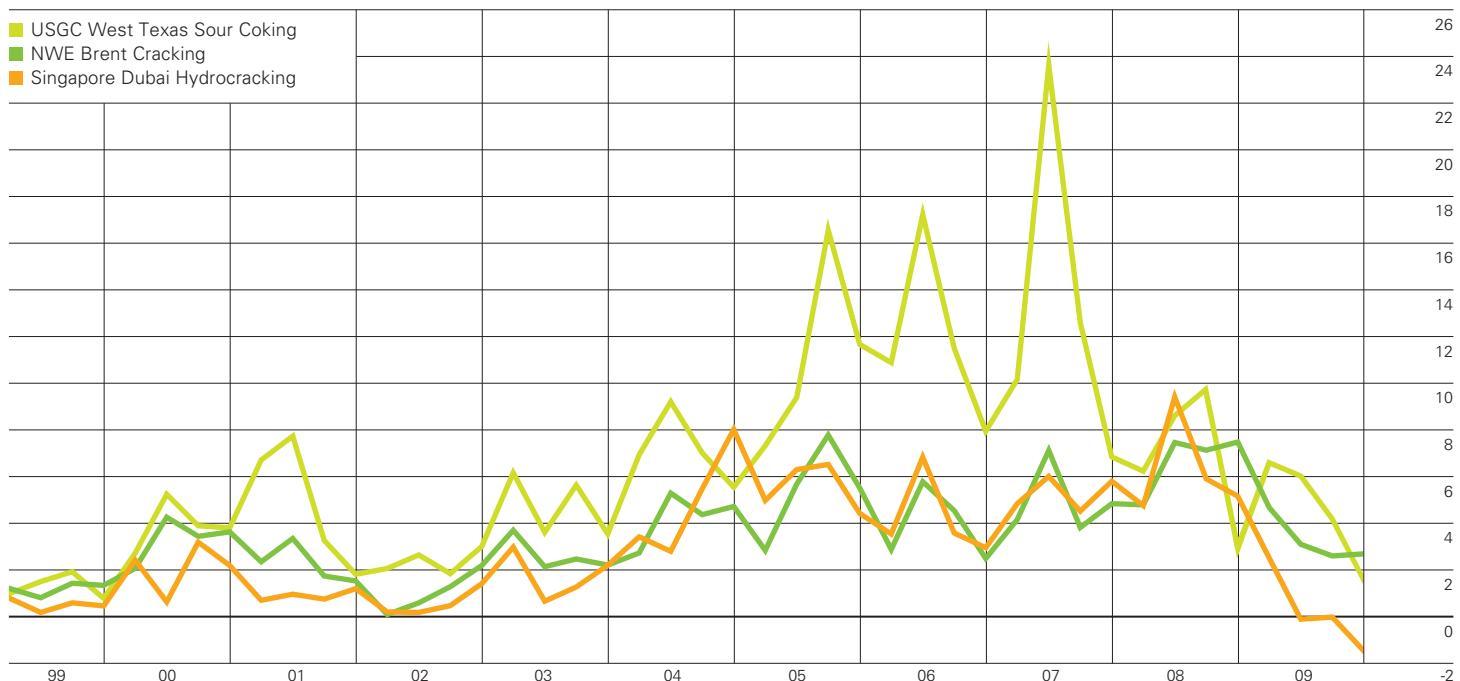
Percentage



Global crude runs fell by 1.5 million b/d in 2009 but continued to grow in China and India, where several new refining facilities commissioned. Most of the 2 million b/d increase in global refining capacity last year was also in China and India, allowing installed capacity in the non-OECD to overtake that of the OECD for the first time. Global average refinery utilization fell to 81.1%, the lowest level since 1994.

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	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
Imports													
US	10550	11092	11618	11357	12254	12898	13525	13612	13632	12872	11444	-11.1%	21.6%
Europe	10670	11070	11531	11895	11993	12538	13261	13461	13953	13751	13485	-1.9%	25.5%
Japan	5346	5329	5202	5070	5314	5203	5225	5201	5032	4925	4283	-13.0%	8.1%
Rest of World*	15050	15880	16436	16291	17191	18651	19172	20287	22937	23078	23718	2.8%	44.8%
Total World	41616	43371	44787	44613	46752	49290	51182	52561	55554	54626	52930	-3.1%	100.0%
Exports													
US	956	890	910	904	921	991	1129	1317	1439	1967	1916	-2.6%	3.6%
Canada	1520	1703	1804	1959	2096	2148	2201	2330	2457	2498	2476	-0.9%	4.7%
Mexico	1739	1814	1882	1966	2115	2070	2065	2102	1975	1609	1450	-9.9%	2.7%
S. & Cent. America	3145	3079	3143	2965	2942	3233	3528	3681	3570	3616	3725	3.0%	7.0%
Europe	1851	1967	1947	2234	2066	1993	2149	2173	2273	2023	1987	-1.7%	3.8%
Former Soviet Union	4019	4273	4679	5370	6003	6440	7076	7155	8334	8184	9065	10.8%	17.1%
Middle East	18341	18944	19096	18062	18943	19630	19821	20204	19680	20128	18426	-8.5%	34.8%
North Africa	2726	2732	2724	2620	2715	2917	3070	3225	3336	3260	2760	-15.3%	5.2%
West Africa	2985	3293	3182	3134	3612	4048	4358	4704	4830	4587	4373	-4.7%	8.3%
Asia Pacific‡	3543	3736	3914	3848	3978	4189	4243	4312	6004	5392	5362	-0.6%	10.1%
Rest of World*	791	940	1506	1551	1361	1631	1542	1359	1656	1363	1389	1.9%	2.6%
Total World	41616	43371	44787	44613	46752	49290	51182	52561	55554	54626	52930	-3.1%	100.0%

*Includes unidentified trade.

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

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

Inter-area movements 2009

Million tonnes From	To												Other Asia Pacific	Rest of World	Total
	US	Canada	Mexico	S. & Cent. America	Europe	Africa	Australasia	China	India	Japan	Singapore				
US	—	7.2	15.4	27.9	20.3	2.9	0.7	2.8	1.5	3.7	6.9	0.7	1.7	91.7	
Canada	121.7	—	0.1	0.1	0.3	—	—	—	—	—	—	—	—	122.2	
Mexico	61.2	1.1	—	1.6	5.6	—	—	—	1.9	0.1	0.3	—	—	71.9	
S. & Cent. America	115.7	5.3	0.8	—	21.0	1.1	—	17.7	9.9	0.3	10.5	0.9	0.1	183.3	
Europe	36.2	13.8	3.9	3.9	—	18.7	0.1	0.6	0.3	0.6	6.1	1.9	9.8	96.0	
Former Soviet Union	28.7	4.0	0.1	0.2	347.8	1.4	0.9	26.6	1.0	8.9	6.9	13.4	7.1	447.1	
Middle East	86.9	5.0	0.6	5.4	105.9	33.5	5.8	103.2	110.1	179.4	48.0	230.0	—	913.8	
North Africa	28.2	5.1	—	4.3	81.0	—	0.3	8.9	4.5	0.3	0.2	3.3	0.1	136.4	
West Africa	79.2	3.9	0.2	14.8	48.3	3.9	0.5	41.7	17.4	0.3	—	7.4	0.1	217.6	
East & Southern Africa	—	—	—	—	0.1	—	—	12.2	0.9	—	0.1	1.7	—	15.1	
Australasia	0.8	—	—	—	—	—	—	1.6	0.1	2.9	3.4	5.9	—	14.8	
China	0.5	0.1	0.1	4.0	1.8	0.7	0.4	—	0.6	1.5	4.7	18.8	0.9	34.1	
India	0.7	—	—	1.0	3.5	0.4	—	0.2	—	1.7	5.5	21.7	0.9	35.5	
Japan	—	0.1	0.1	0.1	1.1	—	2.4	3.6	0.1	—	6.5	2.6	—	16.5	
Singapore	—	0.1	0.1	0.3	1.9	2.5	10.9	6.6	2.5	0.9	—	47.8	0.8	74.4	
Other Asia Pacific	5.1	0.2	0.2	2.8	4.4	0.4	16.6	27.5	5.4	10.0	26.8	—	0.7	100.1	
Unidentified*	—	8.7	—	—	22.1	2.8	1.4	—	—	1.1	—	—	—	36.0	
Total imports	564.9	54.4	21.5	66.4	665.3	68.1	40.0	253.3	156.2	211.8	126.1	356.2	22.5	2606.4	

Thousand barrels daily From															
US	—	150	322	583	424	60	15	58	30	78	145	15	37	1916	
Canada	2464	—	2	2	7	—	—	—	—	1	—	1	—	2476	
Mexico	1234	22	—	33	113	—	—	—	37	3	6	—	1	1450	
S. & Cent. America	2345	108	16	—	428	22	—	360	200	6	219	19	3	3725	
Europe	750	280	82	82	—	390	2	13	6	12	128	38	204	1987	
Former Soviet Union	591	81	2	5	7043	28	18	539	21	179	143	271	144	9065	
Middle East	1747	100	12	108	2135	674	116	2078	2215	3619	974	4647	—	18426	
North Africa	576	103	1	88	1636	—	6	180	90	7	5	66	3	2760	
West Africa	1593	78	3	298	970	77	9	837	350	7	1	148	3	4373	
East & Southern Africa	—	—	—	—	—	—	—	245	18	—	3	34	1	303	
Australasia	15	—	—	—	—	1	—	33	3	60	69	119	—	300	
China	10	1	1	83	38	15	8	—	13	31	99	392	19	709	
India	14	—	—	20	74	8	—	4	—	35	115	453	18	742	
Japan	—	1	2	1	23	—	49	76	1	—	136	55	1	345	
Singapore	—	3	2	6	39	51	227	138	52	19	—	1000	17	1552	
Other Asia Pacific	105	4	5	58	92	9	336	567	110	204	556	—	14	2059	
Unidentified*	—	174	—	—	458	57	30	—	—	22	—	—	—	741	
Total imports	11444	1105	448	1366	13485	1391	817	5127	3145	4283	2598	7258	464	52930	

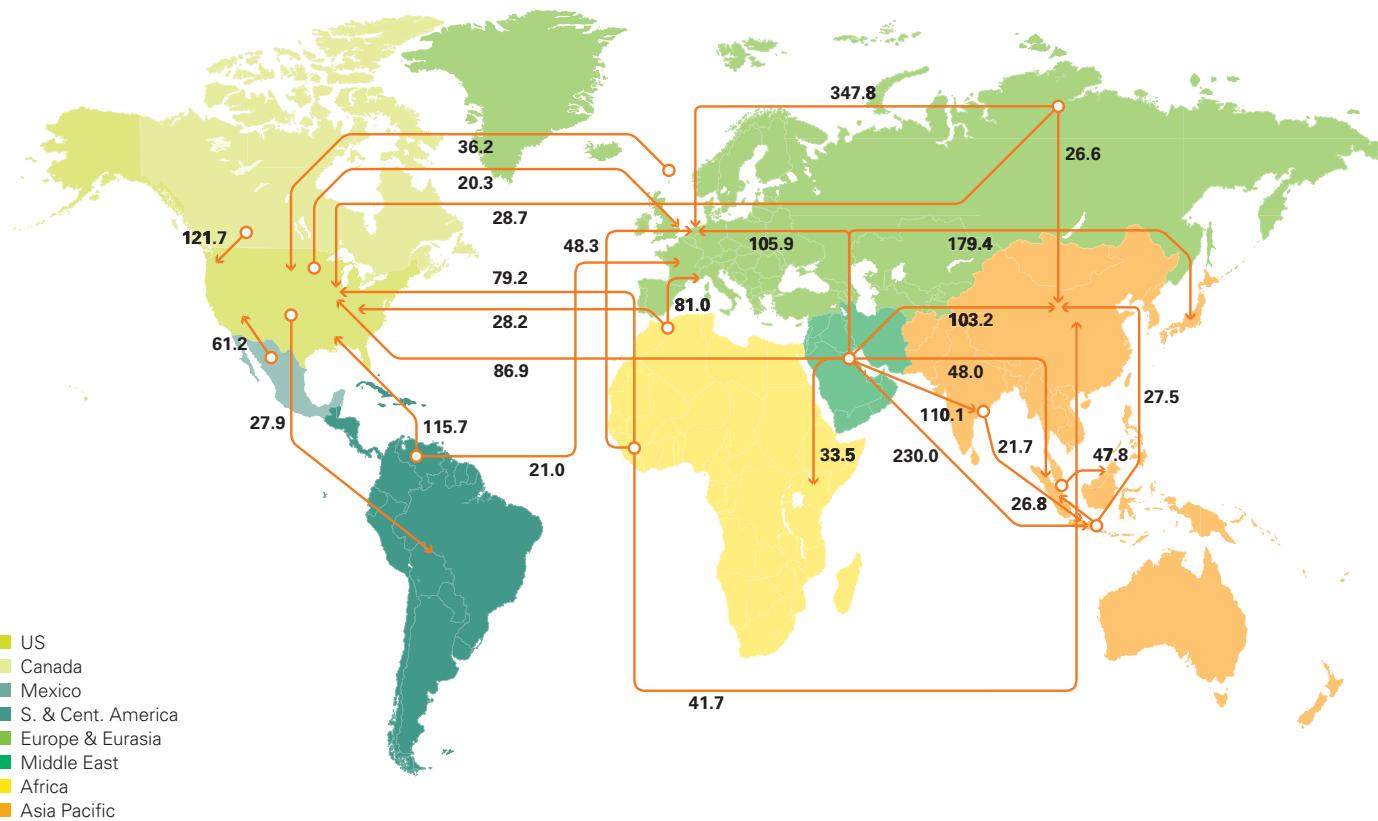
*Includes changes in the quantity of oil in transit, movements not otherwise shown, unidentified military use, etc.

†Less than 0.05.

‡Less than 0.5.

Major trade movements 2009

Trade flows worldwide (million tonnes)



Imports and exports 2009

	Million tonnes				Thousand barrels daily			
	Crude imports	Product imports	Crude exports	Product exports	Crude imports	Product imports	Crude exports	Product exports
US	442.8	122.0	2.2	89.5	8893	2550	44	1871
Canada	39.1	15.3	96.5	25.7	785	320	1938	538
Mexico	0.5	21.0	63.8	8.0	9	439	1282	168
S. & Cent. America	25.1	41.3	128.9	54.4	504	863	2588	1137
Europe	513.3	152.0	23.1	72.9	10308	3177	464	1523
Former Soviet Union	0.9	3.2	342.0	105.1	18	67	6868	2197
Middle East	7.0	10.5	822.1	91.6	140	219	16510	1916
North Africa	18.4	10.0	111.1	25.3	369	209	2232	528
West Africa	†	12.1	212.3	5.3	1	254	4263	110
East & Southern Africa	21.9	5.7	14.8	0.3	439	119	297	6
Australasia	22.8	17.1	12.8	2.0	458	358	258	42
China	203.5	49.8	4.7	29.4	4086	1041	94	614
India	145.8	10.4	0.1	35.4	2928	217	1.9	740
Japan	176.5	35.3	—	16.5	3545	738	—	345
Singapore	46.3	79.8	2.3	72.0	930	1668	47	1505
Other Asia Pacific	228.6	127.6	40.2	59.9	4590	2667	807	1252
Unidentified*	—	0.9	15.5	20.6	—	18	311	430
Total World	1892.5	714.0	1892.5	714.0	38005	14925	38005	14925

*Includes changes in the quantity of oil in transit, movements not otherwise shown, unidentified military use, etc.

†Less than 0.05.

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

Proved reserves

	At end 1989 Trillion cubic metres	At end 1999 Trillion cubic metres	At end 2008 Trillion cubic metres	At end 2009		
				Trillion cubic feet	Trillion cubic metres	Share of total
US	4.73	4.74	6.93	244.7	6.93	3.7%
Canada	2.73	1.72	1.75	62.0	1.75	0.9%
Mexico	2.06	0.86	0.50	16.8	0.48	0.3%
Total North America	9.52	7.32	9.18	323.4	9.16	4.9%
Argentina	0.67	0.73	0.40	13.2	0.37	0.2%
Bolivia	0.12	0.52	0.71	25.1	0.71	0.4%
Brazil	0.11	0.23	0.36	12.7	0.36	0.2%
Colombia	0.11	0.19	0.11	4.4	0.12	0.1%
Peru	0.34	0.25	0.25	11.2	0.32	0.2%
Trinidad & Tobago	0.29	0.61	0.44	15.4	0.44	0.2%
Venezuela	2.99	4.15	4.98	200.1	5.67	3.0%
Other S. & Cent. America	0.17	0.14	0.07	2.5	0.07	♦
Total S. & Cent. America	4.80	6.81	7.32	284.6	8.06	4.3%
Azerbaijan	n/a	1.23	1.31	46.3	1.31	0.7%
Denmark	0.11	0.14	0.06	2.3	0.06	♦
Germany	0.29	0.23	0.10	2.7	0.08	♦
Italy	0.30	0.19	0.06	2.3	0.06	♦
Kazakhstan	n/a	1.78	1.82	64.4	1.82	1.0%
Netherlands	1.57	1.55	1.14	38.3	1.09	0.6%
Norway	1.73	1.25	2.22	72.3	2.05	1.1%
Poland	0.16	0.15	0.11	3.8	0.11	0.1%
Romania	0.13	0.35	0.63	22.2	0.63	0.3%
Russian Federation	n/a	42.44	43.30	1567.1	44.38	23.7%
Turkmenistan	n/a	2.59	8.10	286.2	8.10	4.3%
Ukraine	n/a	1.01	0.98	34.7	0.98	0.5%
United Kingdom	0.56	1.27	0.29	10.3	0.29	0.2%
Uzbekistan	n/a	1.58	1.68	59.4	1.68	0.9%
Other Europe & Eurasia	47.41	0.43	0.45	15.7	0.44	0.2%
Total Europe & Eurasia	52.28	56.17	62.26	2228.1	63.09	33.7%
Bahrain	0.18	0.12	0.09	3.0	0.09	♦
Iran	17.00	25.00	29.61	1045.7	29.61	15.8%
Iraq	3.12	3.29	3.17	111.9	3.17	1.7%
Kuwait	1.40	1.48	1.78	63.0	1.78	1.0%
Oman	0.28	0.83	0.98	34.6	0.98	0.5%
Qatar	4.62	11.16	25.37	895.8	25.37	13.5%
Saudi Arabia	5.22	6.15	7.57	279.7	7.92	4.2%
Syria	0.16	0.24	0.28	10.0	0.28	0.2%
United Arab Emirates	5.65	6.00	6.43	227.1	6.43	3.4%
Yemen	0.20	0.48	0.49	17.3	0.49	0.3%
Other Middle East	0.01	0.01	0.05	2.2	0.06	♦
Total Middle East	37.83	54.74	75.82	2690.4	76.18	40.6%
Algeria	3.25	4.52	4.50	159.1	4.50	2.4%
Egypt	0.35	1.22	2.15	77.3	2.19	1.2%
Libya	1.22	1.32	1.54	54.4	1.54	0.8%
Nigeria	2.83	3.51	5.25	185.4	5.25	2.8%
Other Africa	0.82	0.87	1.27	45.0	1.27	0.7%
Total Africa	8.48	11.44	14.71	521.2	14.76	7.9%
Australia	0.96	1.99	3.08	108.7	3.08	1.6%
Bangladesh	0.73	0.32	0.34	12.5	0.36	0.2%
Brunei	0.32	0.37	0.35	12.4	0.35	0.2%
China	1.02	1.37	2.46	86.7	2.46	1.3%
India	0.69	0.65	1.09	39.4	1.12	0.6%
Indonesia	2.55	2.62	3.18	112.5	3.18	1.7%
Malaysia	1.61	2.48	2.38	84.1	2.38	1.3%
Myanmar	0.27	0.29	0.57	20.1	0.57	0.3%
Pakistan	0.65	0.70	0.84	32.0	0.91	0.5%
Papua New Guinea	0.23	0.43	0.44	15.6	0.44	0.2%
Thailand	0.23	0.35	0.34	12.7	0.36	0.2%
Vietnam	—	0.17	0.56	24.1	0.68	0.4%
Other Asia Pacific	0.26	0.34	0.36	12.9	0.36	0.2%
Total Asia Pacific	9.50	12.07	16.00	573.6	16.24	8.7%
Total World	122.40	148.55	185.28	6621.2	187.49	100.0%
of which: European Union	3.36	3.98	2.49	85.5	2.42	1.3%
OECD	15.60	14.26	16.44	571.2	16.18	8.6%
Former Soviet Union	47.06	50.85	57.46	2067.1	58.53	31.2%
						84.2

*More than 100 years.

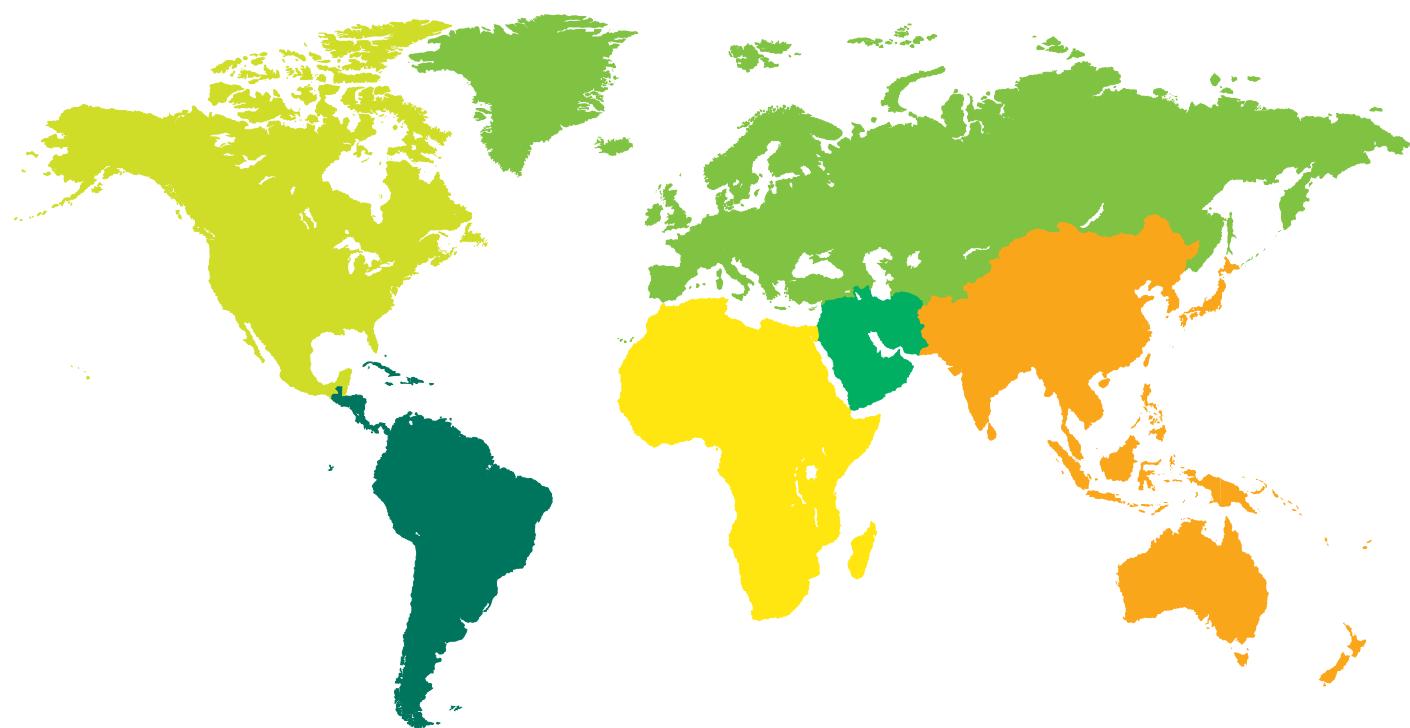
♦Less than 0.05%.

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 Ceditgaz and the OPEC Secretariat.

Proved reserves at end 2009

Trillion cubic metres

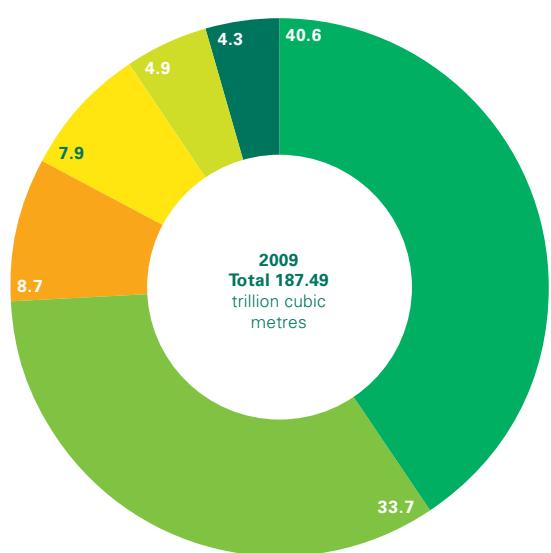
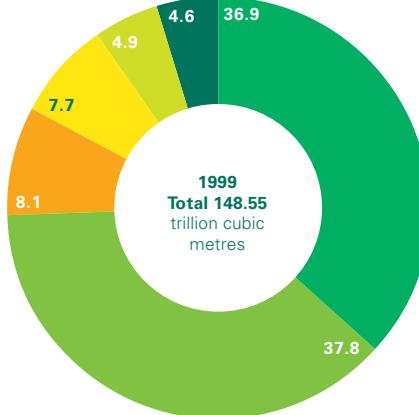
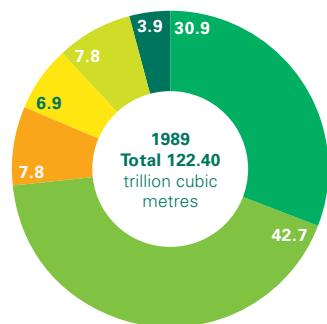


8.06 S. & Cent. America	9.16 North America	14.76 Africa	16.24 Asia Pacific	63.09 Europe & Eurasia	76.18 Middle East
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Distribution of proved reserves in 1989, 1999 and 2009

Percentage

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





Production*

Billion cubic metres	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	533.3	543.2	555.5	536.0	540.8	526.4	511.1	524.0	545.6	574.4	593.4	3.5%	20.1%
Canada	176.8	182.2	186.5	187.9	184.7	183.7	187.4	188.4	184.1	173.4	161.4	-6.7%	5.4%
Mexico	37.1	37.8	37.4	38.9	41.2	42.7	45.0	51.6	54.0	54.0	58.2	8.1%	1.9%
Total North America	747.2	763.2	779.4	762.8	766.6	752.8	743.6	764.0	783.7	801.8	813.0	1.6%	27.4%
Argentina	34.6	37.4	37.1	36.1	41.0	44.9	45.6	46.1	44.8	44.1	41.4	-5.9%	1.4%
Bolivia	2.3	3.2	4.7	4.9	6.4	9.8	11.9	12.9	13.8	14.3	12.3	-14.0%	0.4%
Brazil	7.4	7.5	7.7	9.2	10.0	11.0	11.0	11.3	11.3	14.0	11.9	-15.0%	0.4%
Colombia	5.2	5.9	6.1	6.2	6.1	6.4	6.7	7.0	7.5	9.1	10.5	16.3%	0.4%
Trinidad & Tobago	11.7	14.5	15.5	18.0	26.3	27.3	31.0	36.4	39.0	39.3	40.6	3.6%	1.4%
Venezuela	27.4	27.9	29.6	28.4	25.2	28.4	27.4	31.5	32.1	29.2	27.9	-4.1%	0.9%
Other S. & Cent. America	3.5	3.7	3.9	3.8	3.6	4.0	4.9	5.8	6.6	7.1	7.0	-1.0%	0.2%
Total S. & Cent. America	92.0	100.2	104.5	106.7	118.7	131.7	138.6	151.1	155.1	157.1	151.6	-3.2%	5.1%
Azerbaijan	5.4	5.1	5.0	4.7	4.6	4.5	5.2	6.1	9.8	14.8	14.8	0.2%	0.5%
Denmark	7.8	8.2	8.4	8.4	8.0	9.4	10.4	10.4	9.2	10.1	8.4	-16.3%	0.3%
Germany	17.8	16.9	17.0	17.0	17.7	16.4	15.8	15.6	14.3	13.0	12.2	-6.3%	0.4%
Italy	16.0	15.2	14.0	13.4	12.7	11.9	11.1	10.1	8.9	8.5	7.4	-12.0%	0.2%
Kazakhstan	9.0	10.4	10.5	10.2	12.6	20.0	22.6	23.9	26.8	29.8	32.2	8.6%	1.1%
Netherlands	60.2	58.1	62.4	60.3	58.1	68.5	62.5	61.6	60.5	66.6	62.7	-5.6%	2.1%
Norway	48.5	49.7	53.9	65.5	73.1	78.5	85.0	87.6	89.7	99.2	103.5	4.5%	3.5%
Poland	3.4	3.7	3.9	4.0	4.0	4.4	4.3	4.3	4.3	4.1	4.1	0.3%	0.1%
Romania	14.0	13.8	13.6	13.2	13.0	12.8	12.4	11.9	11.5	11.4	10.9	-4.2%	0.4%
Russian Federation	535.7	528.5	526.2	538.8	561.5	573.3	580.1	595.2	592.0	601.7	527.5	-12.1%	17.6%
Turkmenistan	20.6	42.5	46.4	48.4	53.5	52.8	57.0	60.4	65.4	66.1	36.4	-44.8%	1.2%
Ukraine	16.4	16.2	16.6	17.0	17.6	18.4	18.6	18.7	18.7	19.0	19.3	1.7%	0.6%
United Kingdom	99.1	108.4	105.8	103.6	102.9	96.4	88.2	80.0	72.1	69.6	59.6	-14.1%	2.0%
Uzbekistan	50.3	51.1	52.0	51.9	52.0	54.2	54.0	54.5	59.1	62.2	64.4	3.9%	2.2%
Other Europe & Eurasia	11.4	11.1	10.9	11.2	10.6	11.0	10.8	11.5	10.8	10.3	9.5	-6.8%	0.3%
Total Europe & Eurasia	915.8	938.9	946.6	967.6	1001.9	1032.3	1038.0	1051.7	1053.2	1086.3	973.0	-10.2%	32.5%
Bahrain	8.7	8.8	9.1	9.5	9.6	9.8	10.7	11.3	11.8	12.7	12.8	1.2%	0.4%
Iran	56.4	60.2	66.0	75.0	81.5	84.9	103.5	108.6	111.9	116.3	131.2	13.1%	4.4%
Kuwait	8.6	9.6	10.5	9.5	11.0	11.9	12.2	12.5	12.1	12.8	12.5	-1.7%	0.4%
Oman	5.5	8.7	14.0	15.0	16.5	18.5	19.8	23.7	24.0	24.1	24.8	3.2%	0.8%
Qatar	22.1	23.7	27.0	29.5	31.4	39.2	45.8	50.7	63.2	77.0	89.3	16.3%	3.0%
Saudi Arabia	46.2	49.8	53.7	56.7	60.1	65.7	71.2	73.5	74.4	80.4	77.5	-3.5%	2.6%
Syria	5.4	5.5	5.0	6.1	6.2	6.4	5.5	5.7	5.6	5.5	5.8	6.2%	0.2%
United Arab Emirates	38.5	38.4	44.9	43.4	44.8	46.3	47.8	49.0	50.3	50.2	48.8	-2.5%	1.6%
Other Middle East	3.4	3.4	3.0	2.6	1.8	2.5	3.4	4.1	4.5	4.5	4.5	1.3%	0.2%
Total Middle East	194.7	208.1	233.3	247.2	262.9	285.1	319.9	339.1	357.4	383.4	407.2	6.5%	13.6%
Algeria	86.0	84.4	78.2	80.4	82.8	82.0	88.2	84.5	84.8	85.8	81.4	-4.9%	2.7%
Egypt	16.8	21.0	25.2	27.3	30.1	33.0	42.5	54.7	55.7	59.0	62.7	6.6%	2.1%
Libya	5.0	5.9	6.2	5.9	5.5	8.1	11.3	13.2	15.3	15.9	15.3	-3.5%	0.5%
Nigeria	6.0	12.5	14.9	14.2	19.2	22.8	22.4	28.4	35.0	35.0	24.9	-28.7%	0.8%
Other Africa	5.8	6.3	6.8	7.5	7.1	9.3	11.2	11.8	14.4	18.6	19.5	5.6%	0.7%
Total Africa	119.7	130.1	131.3	135.3	144.8	155.2	175.6	192.6	205.2	214.3	203.8	-4.6%	6.8%
Australia	30.8	31.2	32.5	32.6	33.2	35.3	37.1	38.9	40.0	38.3	42.3	11.0%	1.4%
Bangladesh	8.3	10.0	10.7	11.4	12.3	13.2	14.5	15.3	16.3	17.9	19.7	10.6%	0.7%
Brunei	11.2	11.3	11.4	11.5	12.4	12.2	12.0	12.6	12.3	12.2	11.4	-5.8%	0.4%
China	25.2	27.2	30.3	32.7	35.0	41.5	49.3	58.6	69.2	80.3	85.2	6.4%	2.8%
India	25.1	26.4	26.4	27.6	29.5	29.2	29.6	29.3	30.1	30.5	39.3	28.9%	1.3%
Indonesia	70.0	65.2	63.3	69.7	73.2	70.3	71.2	70.3	67.6	69.7	71.9	3.5%	2.4%
Malaysia	40.8	45.3	46.9	48.3	51.8	53.9	61.1	63.3	64.6	64.9	62.7	-3.3%	2.1%
Myanmar	1.7	3.4	7.0	8.4	9.6	10.2	12.2	12.6	13.5	12.4	11.5	-6.7%	0.4%
New Zealand	5.3	5.6	5.9	5.6	4.3	3.9	3.6	3.7	4.1	3.8	4.0	4.4%	0.1%
Pakistan	20.3	21.5	22.7	24.6	30.4	34.5	35.5	36.1	36.8	37.5	37.9	1.3%	1.3%
Thailand	19.2	20.2	19.6	20.5	21.8	22.4	23.7	24.3	26.0	28.8	30.9	7.6%	1.0%
Vietnam	1.3	1.6	2.0	2.4	2.4	4.2	6.9	6.8	7.1	7.9	8.0	1.0%	0.3%
Other Asia Pacific	3.3	3.3	3.6	5.3	6.4	6.2	7.0	10.1	12.5	13.7	13.6	-0.4%	0.5%
Total Asia Pacific	262.6	272.1	282.4	300.6	322.3	336.8	363.7	381.7	400.0	417.9	438.4	5.2%	14.6%
Total World	2332.0	2412.6	2477.5	2520.2	2617.2	2694.0	2779.5	2880.2	2954.7	3060.8	2987.0	-2.1%	100.0%
of which: European Union	226.6	231.9	232.8	227.6	223.6	227.3	211.9	201.2	187.5	189.4	171.2	-9.3%	5.7%
OECD	1047.2	1070.9	1093.7	1083.8	1091.1	1088.1	1072.2	1086.6	1097.1	1125.5	1127.2	0.4%	37.9%
Former Soviet Union	637.8	654.2	657.1	671.4	702.1	723.4	737.7	759.0	772.1	793.8	694.9	-12.2%	23.2%
Other EMEs	647.0	687.5	726.8	765.0	824.0	882.5	969.6	1034.6	1085.5	1141.5	1164.9	2.3%	38.9%

*Excluding gas flared or recycled.

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

Source: Includes data from Ceditaz.

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

Growth rates are adjusted for leap years.

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



Production*

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	487.4	495.5	508.2	489.9	494.7	480.7	467.6	479.3	499.6	525.0	541.8	3.5%	20.1%
Canada	159.1	164.0	167.8	169.1	166.2	165.3	168.7	169.6	165.7	156.1	145.3	-6.7%	5.4%
Mexico	33.4	34.0	33.7	35.0	37.0	38.4	40.5	46.4	48.6	48.6	52.4	8.1%	1.9%
Total North America	679.9	693.5	709.7	694.0	698.0	684.4	676.8	695.3	713.9	729.7	739.4	1.6%	27.4%
Argentina	31.1	33.7	33.4	32.5	36.9	40.4	41.1	41.5	40.3	39.7	37.2	-5.9%	1.4%
Bolivia	2.0	2.9	4.2	4.4	5.7	8.8	10.7	11.6	12.4	12.9	11.0	-14.0%	0.4%
Brazil	6.7	6.7	6.9	8.3	9.0	9.9	9.9	10.2	10.2	12.6	10.7	-15.0%	0.4%
Colombia	4.7	5.3	5.5	5.5	5.5	5.7	6.0	6.3	6.8	8.2	9.5	16.3%	0.4%
Trinidad & Tobago	10.6	13.1	13.9	16.2	23.7	24.6	27.9	32.8	35.1	35.4	36.5	3.6%	1.4%
Venezuela	24.7	25.1	26.6	25.6	22.7	25.6	24.7	28.3	28.8	26.3	25.1	-4.1%	0.9%
Other S. & Cent. America	3.1	3.3	3.5	3.4	3.3	3.6	4.5	5.2	5.9	6.4	6.3	-1.0%	0.2%
Total S. & Cent. America	82.8	90.2	94.1	96.0	106.8	118.6	124.8	136.0	139.6	141.4	136.4	-3.2%	5.1%
Azerbaijan	4.9	4.6	4.5	4.2	4.2	4.1	4.7	5.5	8.8	13.3	13.3	0.2%	0.5%
Denmark	7.0	7.3	7.5	7.5	7.2	8.5	9.4	9.4	8.3	9.1	7.6	-16.3%	0.3%
Germany	16.1	15.2	15.3	15.3	15.9	14.7	14.2	14.1	12.9	11.7	11.0	-6.3%	0.4%
Italy	14.4	13.7	12.6	12.1	11.5	10.7	10.0	9.1	8.0	7.6	6.7	-12.0%	0.2%
Kazakhstan	8.1	9.4	9.5	9.2	11.3	18.0	20.3	21.5	24.1	26.8	29.0	8.6%	1.1%
Netherlands	54.2	52.3	56.2	54.3	52.2	61.6	56.3	55.4	54.5	60.0	56.4	-5.6%	2.1%
Norway	43.6	44.8	48.5	59.0	65.8	70.6	76.5	78.9	80.7	89.3	93.1	4.5%	3.5%
Poland	3.1	3.3	3.5	3.6	3.6	3.9	3.9	3.9	3.9	3.7	3.7	0.3%	0.1%
Romania	12.6	12.4	12.2	11.9	11.7	11.5	11.2	10.7	10.4	10.2	9.8	-4.2%	0.4%
Russian Federation	482.2	475.7	473.6	484.9	505.4	516.0	522.1	535.6	532.8	541.5	474.8	-12.1%	17.6%
Turkmenistan	18.6	38.3	41.8	43.6	48.1	47.5	51.3	54.3	58.9	59.5	32.7	-44.8%	1.2%
Ukraine	14.8	14.6	14.9	15.3	15.8	16.5	16.7	16.9	16.9	17.1	17.3	1.7%	0.6%
United Kingdom	89.2	97.5	95.2	93.2	92.6	86.7	79.4	72.0	64.9	62.7	53.7	-14.1%	2.0%
Uzbekistan	45.3	45.9	46.8	46.7	46.8	48.8	48.6	49.0	53.2	56.0	58.0	3.9%	2.2%
Other Europe & Eurasia	10.3	10.0	9.8	10.1	9.6	9.9	9.7	10.3	9.7	9.2	8.6	-6.8%	0.3%
Total Europe & Eurasia	824.2	845.0	852.0	870.8	901.7	929.0	934.2	946.5	947.9	977.7	875.7	-10.2%	32.5%
Bahrain	7.8	7.9	8.2	8.5	8.7	8.8	9.6	10.2	10.6	11.4	11.5	1.2%	0.4%
Iran	50.7	54.2	59.4	67.5	73.4	76.4	93.2	97.7	100.7	104.7	118.1	13.1%	4.4%
Kuwait	7.8	8.6	9.5	8.5	9.9	10.7	11.0	11.3	10.9	11.5	11.3	-1.7%	0.4%
Oman	4.9	7.8	12.6	13.5	14.9	16.7	17.8	21.3	21.6	21.7	22.3	3.2%	0.8%
Qatar	19.8	21.3	24.3	26.6	28.3	35.3	41.2	45.6	56.9	69.3	80.4	16.3%	3.0%
Saudi Arabia	41.6	44.8	48.3	51.0	54.1	59.1	64.1	66.2	67.0	72.4	69.7	-3.5%	2.6%
Syria	4.9	4.9	4.5	5.5	5.6	5.8	4.9	5.1	5.0	4.9	5.2	6.2%	0.2%
United Arab Emirates	34.6	34.5	40.4	39.1	40.3	41.7	43.0	44.1	45.3	45.2	44.0	-2.5%	1.6%
Other Middle East	3.1	3.1	2.7	2.4	1.6	2.3	3.1	3.7	3.7	4.0	4.1	1.3%	0.2%
Total Middle East	175.3	187.3	209.9	222.5	236.6	256.6	287.9	305.2	321.7	345.0	366.4	6.5%	13.6%
Algeria	77.4	76.0	70.4	72.3	74.5	73.8	79.4	76.0	76.3	77.2	73.3	-4.9%	2.7%
Egypt	15.1	18.9	22.7	24.6	27.1	29.7	38.3	49.2	50.1	53.1	56.4	6.6%	2.1%
Libya	4.5	5.3	5.6	5.3	5.0	7.3	10.2	11.9	13.8	14.3	13.8	-3.5%	0.5%
Nigeria	5.4	11.3	13.4	12.8	17.3	20.5	20.2	25.6	31.5	31.5	22.4	-28.7%	0.8%
Other Africa	5.2	5.6	6.1	6.8	6.4	8.4	10.1	10.6	13.0	16.7	17.6	5.6%	0.7%
Total Africa	107.7	117.1	118.2	121.7	130.3	139.6	158.1	173.4	184.7	192.8	183.5	-4.6%	6.8%
Australia	27.7	28.0	29.2	29.3	29.9	31.7	33.4	35.0	36.0	34.4	38.1	11.0%	1.4%
Bangladesh	7.5	9.0	9.7	10.3	11.1	11.9	13.1	13.8	14.6	16.1	17.8	10.6%	0.7%
Brunei	10.1	10.2	10.3	10.3	11.1	11.0	10.8	11.3	11.0	10.9	10.3	-5.8%	0.4%
China	22.7	24.5	27.3	29.4	31.5	37.3	44.4	52.7	62.3	72.3	76.7	6.4%	2.8%
India	22.6	23.7	23.8	24.8	26.6	26.3	26.7	26.4	27.1	27.5	35.3	28.9%	1.3%
Indonesia	63.0	58.7	57.0	62.7	65.9	63.3	64.1	63.2	60.9	62.7	64.7	3.5%	2.4%
Malaysia	36.8	40.7	42.2	43.5	46.6	48.5	55.0	57.0	58.1	58.5	56.4	-3.3%	2.1%
Myanmar	1.5	3.1	6.3	7.6	8.6	9.2	11.0	11.3	12.2	11.2	10.4	-6.7%	0.4%
New Zealand	4.8	5.1	5.3	5.1	3.9	3.5	3.2	3.3	3.6	3.4	3.6	4.4%	0.1%
Pakistan	18.3	19.4	20.4	22.1	27.4	31.0	32.0	32.5	33.1	33.8	34.1	1.3%	1.3%
Thailand	17.3	18.2	17.7	18.5	19.6	20.1	21.3	21.9	23.4	25.9	27.8	7.6%	1.0%
Vietnam	1.2	1.4	1.8	2.2	2.1	3.7	6.2	6.1	6.4	7.1	7.2	1.0%	0.3%
Other Asia Pacific	2.9	3.0	3.2	4.7	5.8	5.6	6.3	9.1	11.2	12.3	12.2	-0.4%	0.5%
Total Asia Pacific	236.3	244.9	254.2	270.5	290.1	303.2	327.4	343.6	360.0	376.1	394.6	5.2%	14.6%
Total World	2106.3	2178.0	2238.0	2275.6	2363.5	2431.4	2509.1	2600.0	2667.8	2762.7	2696.0	-2.1%	100.0%
of which: European Union	203.9	208.7	209.6	204.9	201.2	204.6	190.7	181.1	168.7	170.4	154.1	-9.3%	5.7%
OECD	949.9	970.4	992.6	982.9	990.0	986.1	972.6	985.7	996.0	1020.9	1022.2	0.4%	37.9%
Former Soviet Union	574.0	588.8	591.4	604.2	631.9	651.1	664.0	683.1	694.9	714.4	625.4	-12.2%	23.2%
Other EMEs	582.3	618.8	654.1	688.5	741.6	794.2	872.6	931.1	976.9	1027.4	1048.4	2.3%	38.9%

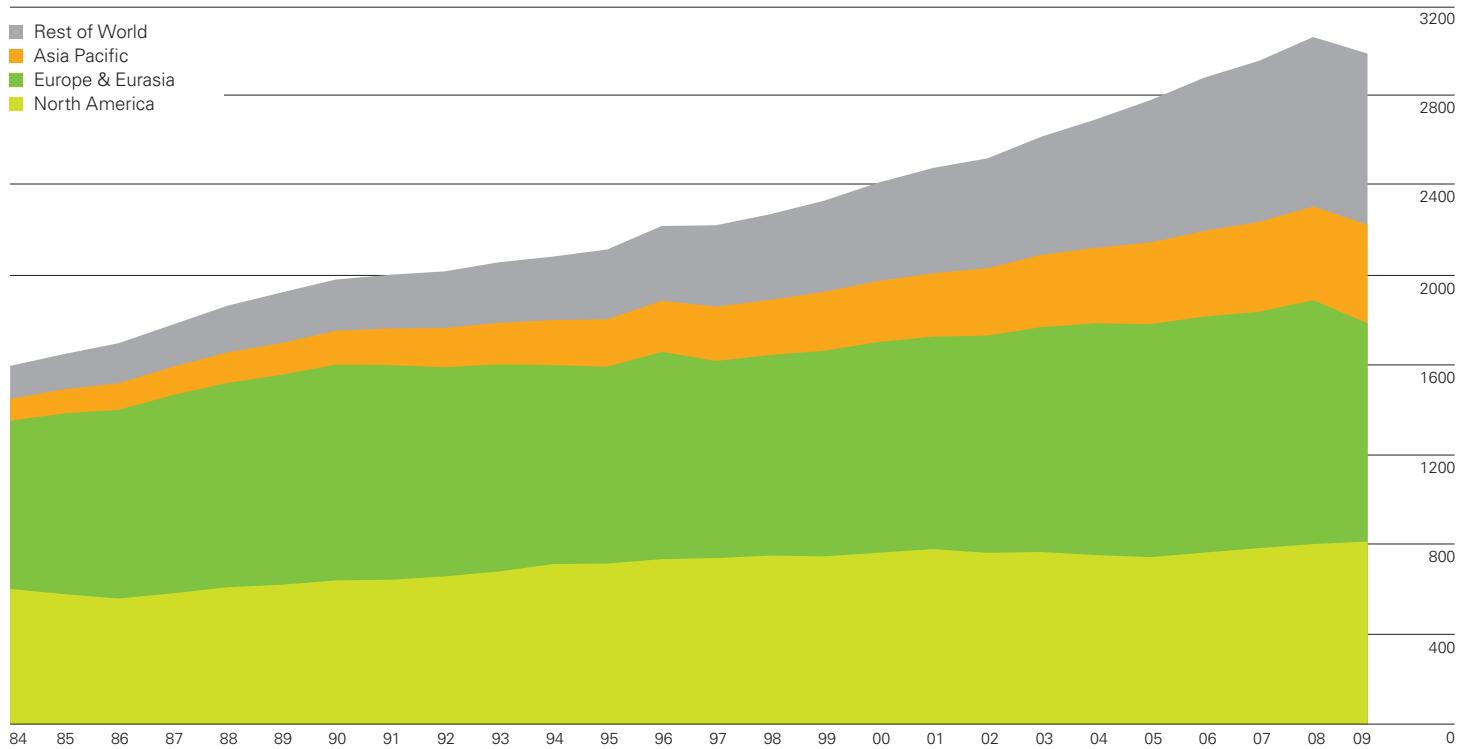
*Excluding gas flared or recycled.

Note: Growth rates are adjusted for leap years.

Source: Includes data from Cedigaz.

Production by region

Billion cubic metres

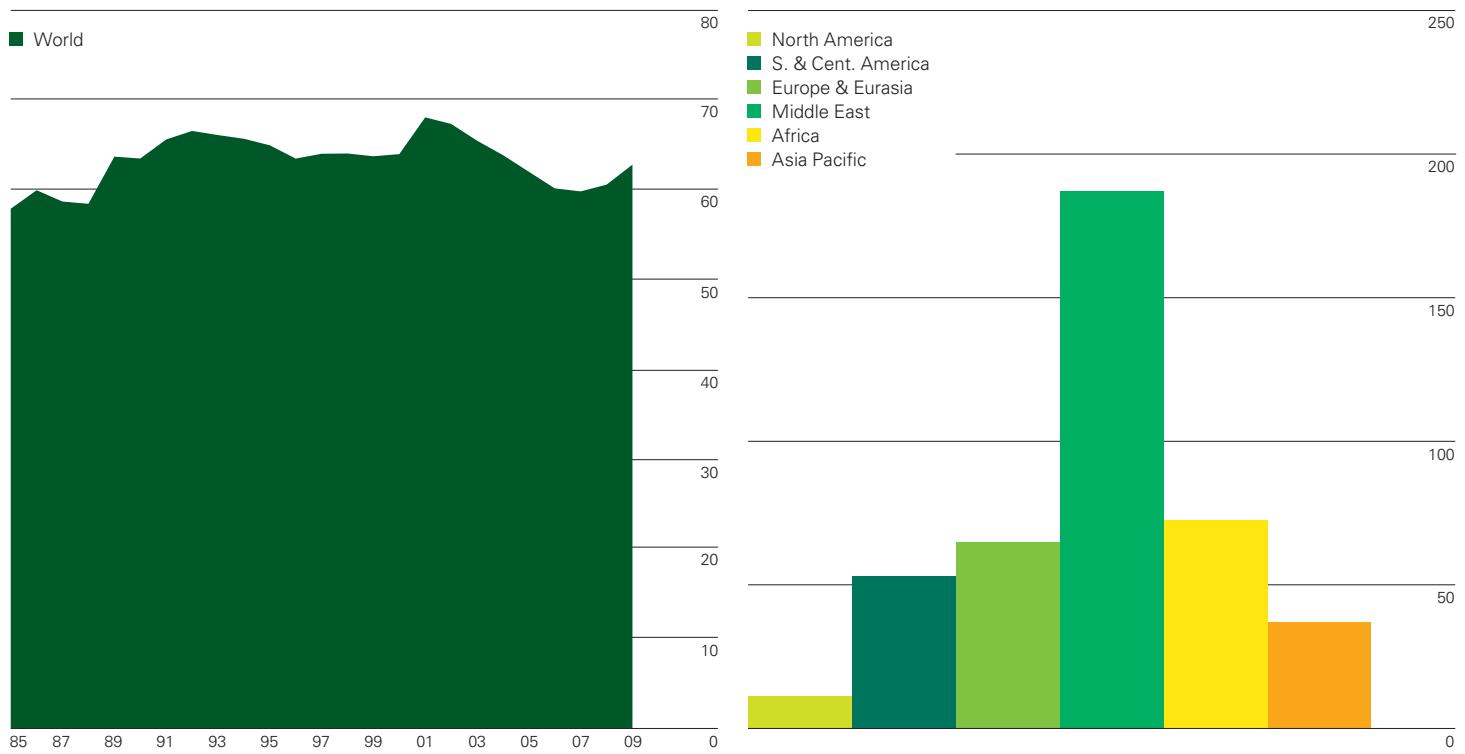


Global natural gas production fell by 2.1% in 2009, the first decline on record. Production fell sharply in Russia (-74.2bcm) and Turkmenistan (-29.7bcm), in each case the largest decline on record. The US recorded the largest increase in the world for the third consecutive year.

Reserves-to-production (R/P) ratios

Years

2009 by region



World proved reserves of natural gas grew by 2.21 trillion cubic metres in 2009, driven by increases in Russia, Venezuela and Saudi Arabia. The global R/P ratio increased to 62.8 years.



Consumption

Billion cubic metres	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	634.4	660.7	629.7	651.5	630.8	634.0	623.3	614.1	654.0	657.7	646.6	-1.5%	22.2%
Canada	87.4	92.8	88.2	90.2	97.7	95.1	98.1	96.9	96.7	98.2	94.7	-3.3%	3.2%
Mexico	37.4	40.2	40.7	45.8	50.6	53.4	53.3	60.9	63.1	66.1	69.6	5.7%	2.4%
Total North America	759.2	793.7	758.7	787.4	779.1	782.4	774.7	771.9	813.9	822.0	810.9	-1.2%	27.8%
Argentina	32.4	33.2	31.1	30.3	34.6	37.9	40.4	41.8	43.9	44.4	43.1	-2.6%	1.5%
Brazil	7.6	9.4	11.9	14.1	15.8	18.7	19.3	20.6	22.0	25.2	20.3	-19.2%	0.7%
Chile	5.0	6.5	7.3	7.4	8.0	8.7	8.4	7.8	4.6	2.7	3.3	25.8%	0.1%
Colombia	5.2	5.9	6.1	6.1	6.0	6.3	6.7	7.0	7.4	7.6	8.7	15.5%	0.3%
Ecuador	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.7	0.5	0.5	0.5	9.6%	•
Peru	0.4	0.3	0.4	0.4	0.5	0.9	1.5	1.8	2.7	3.4	3.5	2.6%	0.1%
Venezuela	27.4	27.9	29.6	28.4	25.2	28.4	27.4	31.5	32.2	30.7	29.7	-2.9%	1.0%
Other S. & Cent. America	11.3	12.4	14.0	15.1	17.5	16.3	18.4	24.1	24.7	26.7	25.5	-4.2%	0.9%
Total S. & Cent. America	89.5	96.0	100.7	102.1	107.9	117.5	122.5	135.3	138.1	141.0	134.7	-4.2%	4.6%
Austria	8.5	8.1	8.6	8.5	9.4	9.5	10.0	9.4	8.9	9.5	9.3	-2.1%	0.3%
Azerbaijan	5.4	5.2	7.5	7.5	7.7	8.3	8.6	9.1	8.0	9.2	7.7	-16.0%	0.3%
Belarus	14.8	15.7	15.7	16.1	15.8	17.9	18.4	19.0	18.8	19.2	16.1	-16.0%	0.5%
Belgium & Luxembourg	14.7	14.9	14.6	14.8	16.0	16.5	16.6	17.0	16.9	17.0	17.3	2.1%	0.6%
Bulgaria	3.0	3.3	3.0	2.7	2.8	2.8	3.1	3.2	3.3	3.3	2.5	-25.1%	0.1%
Czech Republic	8.6	8.3	8.9	8.7	8.7	9.1	9.6	9.3	8.7	8.7	8.2	-5.6%	0.3%
Denmark	5.0	4.9	5.1	5.1	5.2	5.2	5.0	5.1	4.6	4.6	4.4	-3.6%	0.1%
Finland	3.7	3.7	4.1	4.0	4.5	4.3	4.0	4.2	3.9	4.0	3.6	-10.5%	0.1%
France	37.9	39.3	41.9	40.5	43.0	45.1	44.0	42.1	42.4	43.8	42.6	-2.4%	1.4%
Germany	80.2	79.5	82.9	82.6	85.5	85.9	86.2	87.2	82.9	81.2	78.0	-3.7%	2.6%
Greece	1.5	2.0	2.0	2.1	2.4	2.7	2.8	3.2	4.0	4.2	3.4	-19.7%	0.1%
Hungary	11.0	10.7	11.9	11.8	13.2	13.0	13.4	12.7	11.9	11.8	10.1	-14.3%	0.3%
Iceland	—	—	—	—	—	—	—	—	—	—	—	—	—
Republic of Ireland	3.3	3.8	4.0	4.1	4.1	4.1	3.9	4.5	4.8	5.0	4.8	-3.9%	0.2%
Italy	62.2	64.9	65.0	64.6	71.2	73.9	79.1	77.4	77.8	77.8	71.6	-7.7%	2.4%
Kazakhstan	7.7	9.5	9.3	10.7	12.9	14.9	18.8	20.3	19.5	20.1	19.6	-2.1%	0.7%
Lithuania	2.4	2.7	2.8	2.9	3.1	3.1	3.3	3.2	3.6	3.2	2.7	-15.7%	0.1%
Netherlands	38.5	39.0	40.0	39.8	40.0	40.9	39.3	38.1	37.0	38.6	38.9	1.1%	1.3%
Norway	3.6	4.0	3.8	4.0	4.3	4.6	4.5	4.4	4.3	4.3	4.1	-4.8%	0.1%
Poland	10.3	11.1	11.5	11.2	11.2	13.1	13.6	13.7	13.7	13.9	13.7	-1.2%	0.5%
Portugal	2.3	2.4	2.6	3.1	3.0	3.8	4.2	4.1	4.3	4.7	4.3	-7.8%	0.1%
Romania	17.2	17.1	16.6	17.2	18.3	17.5	17.6	18.1	16.1	16.0	13.6	-14.9%	0.5%
Russian Federation	352.8	354.0	366.2	367.7	384.9	394.1	400.3	408.5	422.1	416.0	389.7	-6.1%	13.2%
Slovakia	6.4	6.5	6.9	6.5	6.3	6.1	6.6	6.0	5.7	5.7	5.6	-1.9%	0.2%
Spain	15.0	16.9	18.2	20.8	23.6	27.4	32.4	33.7	35.1	38.6	34.6	-10.3%	1.2%
Sweden	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.9	1.0	0.9	1.2	22.9%	•
Switzerland	2.7	2.7	2.8	2.8	2.9	3.0	3.1	3.0	2.9	3.1	3.0	-2.5%	0.1%
Turkey	12.4	14.6	16.0	17.4	20.9	22.1	26.9	30.5	35.1	36.0	32.1	-10.6%	1.1%
Turkmenistan	11.0	12.2	12.5	12.9	14.2	15.0	16.1	18.4	21.3	19.0	19.8	4.2%	0.7%
Ukraine	70.9	71.0	68.8	67.7	69.0	68.5	69.0	67.0	63.2	60.0	47.0	-21.5%	1.6%
United Kingdom	93.6	96.9	96.4	95.1	95.4	97.4	94.7	89.9	91.0	93.8	86.5	-7.5%	2.9%
Uzbekistan	47.8	45.7	49.6	50.9	45.8	43.4	42.7	41.9	45.9	48.7	48.7	0.3%	1.7%
Other Europe & Eurasia	12.7	13.2	14.5	13.6	14.1	15.6	15.8	16.3	16.9	16.3	14.0	-14.0%	0.5%
Total Europe & Eurasia	967.8	984.6	1014.5	1018.3	1060.5	1089.4	1114.2	1121.4	1135.5	1138.5	1058.6	-6.8%	35.9%
Iran	58.4	62.9	70.1	79.2	82.9	86.5	105.0	108.7	113.0	119.3	131.7	10.7%	4.5%
Kuwait	8.6	9.6	10.5	9.5	11.0	11.9	12.2	12.5	12.1	12.8	13.4	5.3%	0.5%
Qatar	14.0	9.7	11.0	11.1	12.2	15.0	18.7	19.6	19.7	20.2	21.1	4.8%	0.7%
Saudi Arabia	46.2	49.8	53.7	56.7	60.1	65.7	71.2	73.5	74.4	80.4	77.5	-3.5%	2.6%
United Arab Emirates	31.4	31.4	37.9	36.4	37.9	40.2	42.1	43.4	49.2	59.5	59.1	-0.4%	2.0%
Other Middle East	22.5	23.4	23.7	24.7	25.0	27.8	30.1	33.8	34.7	39.7	42.9	8.3%	1.5%
Total Middle East	181.1	186.7	206.8	217.6	229.0	247.1	279.2	291.5	303.1	331.8	345.6	4.4%	11.7%
Algeria	21.3	19.8	20.5	20.2	21.4	22.0	23.2	23.7	24.3	25.4	26.7	5.5%	0.9%
Egypt	16.4	20.0	24.5	26.5	29.7	31.7	31.6	36.5	38.4	40.8	42.5	4.4%	1.4%
South Africa	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Africa	15.6	17.4	17.6	18.0	20.4	23.6	24.5	23.9	28.2	29.9	24.8	-16.9%	0.8%
Total Africa	53.4	57.2	62.6	64.7	71.5	77.4	79.4	84.1	90.8	96.1	94.0	-1.9%	3.2%
Australia	20.2	20.5	22.0	22.4	22.4	22.8	21.9	24.0	25.7	25.5	25.7	1.0%	0.9%
Bangladesh	8.3	10.0	10.7	11.4	12.3	13.2	14.5	15.3	16.3	17.9	19.7	10.6%	0.7%
China	21.5	24.5	27.4	29.2	33.9	39.7	46.8	56.1	69.5	81.3	88.7	9.4%	3.0%
China Hong Kong SAR	3.3	3.0	3.0	2.9	1.8	2.7	2.7	2.9	2.2	2.6	2.5	-2.6%	0.1%
India	25.1	26.4	26.4	27.6	29.5	31.9	35.7	37.3	40.1	41.3	51.9	25.9%	1.8%
Indonesia	32.0	29.7	31.0	32.9	35.0	32.2	33.2	33.2	31.3	33.3	36.6	10.3%	1.2%
Japan	69.4	72.3	74.3	72.7	79.8	77.0	78.6	83.7	90.2	93.7	87.4	-6.5%	3.0%
Malaysia	16.1	24.1	25.2	26.2	27.2	27.3	29.9	33.0	33.0	33.6	31.5	-6.1%	1.1%
New Zealand	5.3	5.6	5.9	5.6	4.3	3.9	3.6	3.7	4.1	3.8	4.0	4.4%	0.1%
Pakistan	20.3	21.5	22.7	24.6	30.4	34.5	35.5	36.1	36.8	37.5	37.9	1.3%	1.3%
Philippines	†	†	0.1	1.8	2.7	2.5	3.3	2.6	3.2	3.3	3.3	1.4%	0.1%
Singapore	1.5	1.7	4.6	5.0	5.4	6.5	6.5	8.6	8.6	9.2	9.7	5.6%	0.3%
South Korea	16.8	18.9	20.8	23.1	24.2	28.4	30.4	32.0	34.7	35.7	33.8	-5.0%	1.1%
Taiwan	6.3	6.8	7.3	8.2	8.4	10.2	10.3	11.1	11.8	11.6	11.3	-2.2%	0.4%
Thailand	19.2	22.0	24.8	26.9	28.8	29.9	32.5	33.3	35.4	37.4	39.2	5.2%	1.3%
Other Asia Pacific	4.9	5.5	5.8	6.0	6.5	8.7	12.1	12.3	13.0	13.6	13.2	-2.9%	0.4%
Total Asia Pacific	270.3	292.6	312.1	326.4	352.8	367.6	397.5	425.3	455.8	481.4	496.6	3.4%	16.8%
Total World	2321.3	2410.8	2455.3	2516.5	2600.9	2681.4	2767.5	2829.5	2937.1	3010.8	2940.4	-2.1%	100.0%
of which: European Union	428.8	439.7	451.0	450.3	471.3	485.5	493.6	486.7	481.2	489.9	459.9	-5.9%	15.6%
OECD	1293.2	1345.9	1329.7	1359.8	1381.6	1402.7	1409.6	1411.7	1465.4	1488.1	1439.1	-3.1%	49.1%
Former Soviet Union	520.3	523.6	540.8	543.7	561.2	573.8	586.3	596.9	612.0	604.6	559.1	-7.3%	19.0%
Other EMEs	507.8	541.3	584.9	613.1	658.1	704.9	771.6	821.0	859.7	918.1	942.2	2.9%	32.0%</td

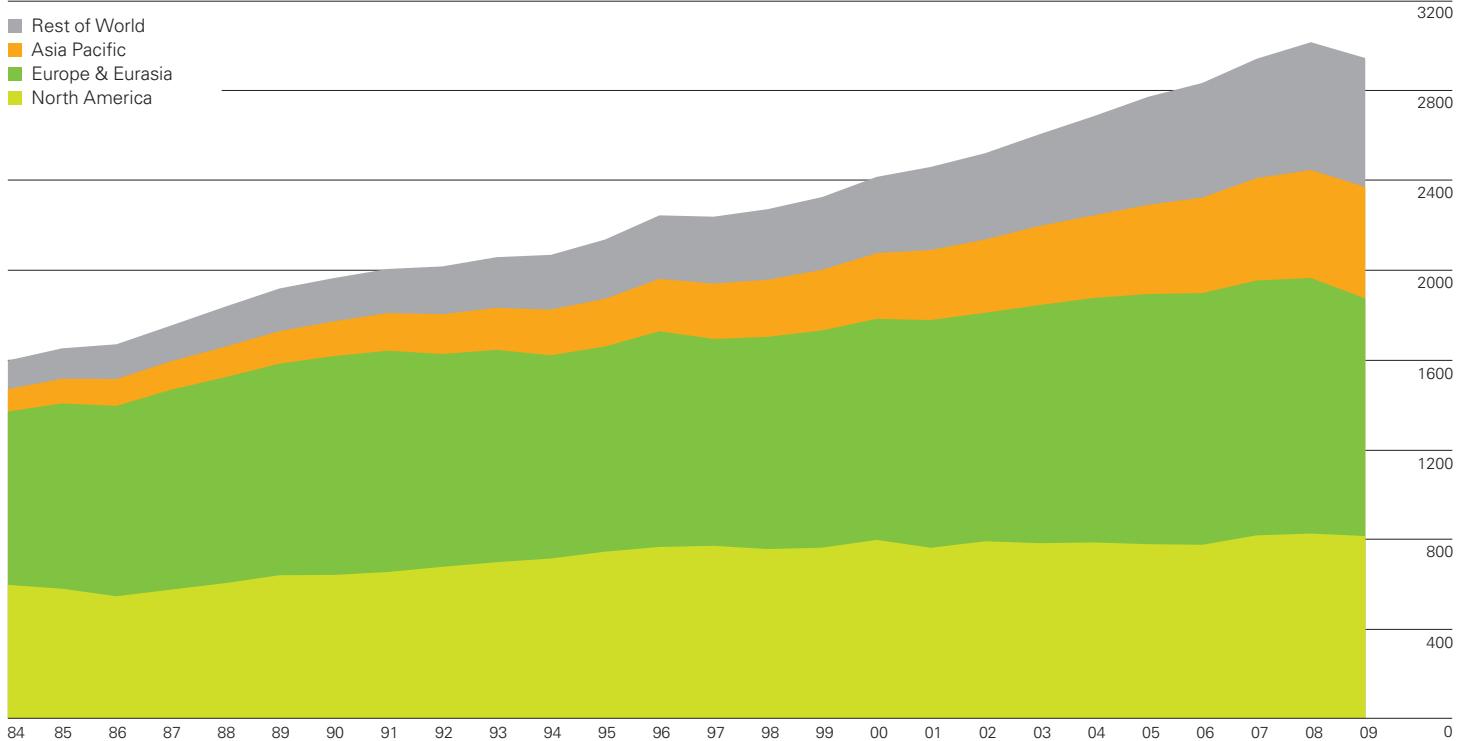


Consumption

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	577.3	600.4	573.9	593.7	575.3	577.3	568.5	560.0	597.3	599.5	588.7	-1.5%	22.2%
Canada	78.6	83.5	79.4	81.2	87.9	85.6	88.3	87.3	87.0	88.4	85.2	-3.3%	3.2%
Mexico	33.6	36.2	36.7	41.2	45.5	48.0	48.0	54.8	56.8	59.4	62.7	5.7%	2.4%
Total North America	689.6	720.0	689.9	716.0	708.8	710.9	704.8	702.1	741.1	747.4	736.6	-1.2%	27.8%
Argentina	29.1	29.9	28.0	27.2	31.1	34.1	36.4	37.6	39.5	40.0	38.8	-2.6%	1.5%
Brazil	6.8	8.5	10.7	12.7	14.2	16.8	17.4	18.5	19.8	22.7	18.3	-19.2%	0.7%
Chile	4.5	5.8	6.6	6.6	7.2	7.8	7.5	7.0	4.1	2.4	3.0	25.8%	0.1%
Colombia	4.7	5.3	5.5	5.5	5.4	5.7	6.0	6.3	6.7	6.8	7.8	15.5%	0.3%
Ecuador	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.7	0.5	0.4	0.4	9.6%	♦
Peru	0.4	0.3	0.3	0.4	0.5	0.8	1.4	1.6	2.4	3.1	3.1	2.6%	0.1%
Venezuela	24.7	25.1	26.6	25.6	22.7	25.6	24.7	28.3	28.9	27.6	26.8	-2.9%	1.0%
Other S. & Cent. America	10.2	11.1	12.6	13.6	15.8	14.7	16.6	21.7	22.3	24.0	22.9	-4.2%	0.9%
Total S. & Cent. America	80.6	86.4	90.6	91.9	97.1	105.7	110.3	121.7	124.2	126.9	121.2	-4.2%	4.6%
Austria	7.6	7.3	7.7	7.7	8.5	8.5	9.0	8.5	8.0	8.6	8.4	-2.1%	0.3%
Azerbaijan	4.9	4.7	6.8	6.8	7.0	7.5	7.7	8.2	7.2	8.2	6.9	-16.0%	0.3%
Belarus	13.4	14.2	14.1	14.5	14.3	16.1	16.5	17.1	17.0	17.3	14.5	-16.0%	0.5%
Belgium & Luxembourg	13.3	13.4	13.2	13.4	14.4	14.9	14.9	15.3	15.2	15.3	15.6	2.1%	0.6%
Bulgaria	2.7	2.9	2.7	2.4	2.5	2.5	2.8	2.9	3.0	3.0	2.2	-25.1%	0.1%
Czech Republic	7.7	7.5	8.0	7.8	7.8	8.2	8.6	8.4	7.8	7.8	7.4	-5.6%	0.3%
Denmark	4.5	4.4	4.6	4.6	4.7	4.7	4.5	4.6	4.1	4.1	4.0	-3.6%	0.1%
Finland	3.3	3.4	3.7	3.6	4.0	3.9	3.6	3.8	3.5	3.6	3.2	-10.5%	0.1%
France	34.1	35.4	37.7	36.5	38.7	40.5	39.6	37.9	38.2	39.4	38.4	-2.4%	1.4%
Germany	72.1	71.5	74.6	74.3	77.0	77.3	77.6	78.5	74.6	73.1	70.2	-3.7%	2.6%
Greece	1.3	1.8	1.8	1.9	2.2	2.4	2.5	2.9	3.6	3.8	3.0	-19.7%	0.1%
Hungary	9.9	9.7	10.7	10.6	11.9	11.7	12.1	11.5	10.7	10.6	9.1	-14.3%	0.3%
Iceland	—	—	—	—	—	—	—	—	—	—	—	—	—
Republic of Ireland	3.0	3.4	3.6	3.7	3.7	3.7	3.5	4.0	4.3	4.5	4.3	-3.9%	0.2%
Italy	56.0	58.4	58.5	58.1	64.1	66.5	71.2	69.7	70.0	70.0	64.5	-7.7%	2.4%
Kazakhstan	7.0	8.6	8.4	9.6	11.6	13.4	16.9	18.2	17.5	18.1	17.7	-2.1%	0.7%
Lithuania	2.2	2.5	2.5	2.6	2.8	2.8	2.9	2.9	3.3	2.9	2.5	-15.7%	0.1%
Netherlands	34.7	35.1	36.0	35.8	36.0	36.8	35.3	34.3	33.3	34.7	35.0	1.1%	1.3%
Norway	3.2	3.6	3.4	3.6	3.9	4.1	4.0	4.0	3.8	3.9	3.7	-4.8%	0.1%
Poland	9.3	10.0	10.4	10.1	10.1	11.8	12.3	12.3	12.3	12.5	12.3	-1.2%	0.5%
Portugal	2.0	2.1	2.3	2.8	2.7	3.4	3.8	3.7	3.9	4.2	3.9	-7.8%	0.1%
Romania	15.5	15.4	14.9	15.5	16.5	15.7	15.8	16.3	14.5	14.4	12.2	-14.9%	0.5%
Russian Federation	317.5	318.6	329.6	330.9	346.4	354.7	360.2	367.7	379.9	374.4	350.7	-6.1%	13.2%
Slovakia	5.8	5.8	6.2	5.8	5.7	5.5	5.9	5.4	5.1	5.2	5.1	-1.9%	0.2%
Spain	13.5	15.2	16.4	18.8	21.3	24.7	29.1	30.3	31.6	34.8	31.1	-10.3%	1.2%
Sweden	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.8	1.0	22.9%	♦
Switzerland	2.4	2.4	2.5	2.5	2.6	2.7	2.8	2.7	2.6	2.8	2.7	-2.5%	0.1%
Turkey	11.1	13.1	14.4	15.6	18.8	19.9	24.2	27.4	31.6	32.4	28.9	-10.6%	1.1%
Turkmenistan	9.9	11.0	11.2	11.6	12.8	13.5	14.5	16.5	19.1	17.1	17.8	4.2%	0.7%
Ukraine	63.8	63.9	61.9	60.9	62.1	61.7	62.1	60.3	56.9	54.0	42.3	-21.5%	1.6%
United Kingdom	84.2	87.2	86.7	85.6	85.8	87.7	85.2	80.9	81.9	84.4	77.9	-7.5%	2.9%
Uzbekistan	43.0	41.1	44.6	45.8	41.2	39.1	38.4	37.7	41.3	43.8	43.9	0.3%	1.7%
Other Europe & Eurasia	11.4	11.9	13.0	12.2	12.7	14.0	14.2	14.7	15.2	14.7	12.6	-14.0%	0.5%
Total Europe & Eurasia	871.1	886.2	913.1	916.5	954.5	980.5	1002.8	1009.3	1022.0	1024.6	952.8	-6.8%	35.9%
Iran	52.5	56.6	63.1	71.3	74.6	77.9	94.5	97.8	101.7	107.4	118.5	10.7%	4.5%
Kuwait	7.8	8.6	9.5	8.5	9.9	10.7	11.0	11.3	10.9	11.5	12.1	5.3%	0.5%
Qatar	12.6	8.7	9.9	10.0	11.0	13.5	16.8	17.6	17.7	18.2	19.0	4.8%	0.7%
Saudi Arabia	41.6	44.8	48.3	51.0	54.1	59.1	64.1	66.2	67.0	72.4	69.7	-3.5%	2.6%
United Arab Emirates	28.3	28.3	34.1	32.8	34.1	36.2	37.8	39.0	44.3	53.5	53.2	-0.4%	2.0%
Other Middle East	20.3	21.0	21.3	22.2	22.5	25.0	27.1	30.4	31.2	35.7	38.6	8.3%	1.5%
Total Middle East	163.0	168.1	186.1	195.8	206.1	222.4	251.3	262.3	272.8	298.7	311.0	4.4%	11.7%
Algeria	19.2	17.9	18.5	18.2	19.3	19.8	20.9	21.4	21.9	22.8	24.0	5.5%	0.9%
Egypt	14.8	18.0	22.1	23.9	26.7	28.5	28.4	32.9	34.5	36.8	38.3	4.4%	1.4%
South Africa	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Africa	14.1	15.7	15.9	16.2	18.4	21.3	22.1	21.5	25.4	26.9	22.3	-16.9%	0.8%
Total Africa	48.0	51.5	56.4	58.2	64.4	69.6	71.4	75.7	81.8	86.5	84.6	-1.9%	3.2%
Australia	18.2	18.5	19.8	20.2	20.2	20.5	19.7	21.6	23.1	23.0	23.1	1.0%	0.9%
Bangladesh	7.5	9.0	9.7	10.3	11.1	11.9	13.1	13.8	14.6	16.1	17.8	10.6%	0.7%
China	19.3	22.1	24.7	26.3	30.5	35.7	42.1	50.5	62.6	73.2	79.8	9.4%	3.0%
China Hong Kong SAR	3.0	2.7	2.7	2.6	1.7	2.4	2.4	2.6	2.0	2.3	2.3	-2.6%	0.1%
India	22.6	23.7	23.8	24.8	26.6	28.7	32.1	33.5	36.1	37.2	46.7	25.9%	1.8%
Indonesia	28.8	26.8	27.9	29.6	31.5	29.0	29.9	29.9	28.2	30.0	33.0	10.3%	1.2%
Japan	62.5	65.1	66.8	65.4	71.8	69.3	70.7	75.4	81.2	84.4	78.7	-6.5%	3.0%
Malaysia	14.5	21.7	22.7	23.5	24.5	21.3	26.9	29.7	30.2	30.2	28.3	-6.1%	1.1%
New Zealand	4.8	5.1	5.3	5.1	3.9	3.5	3.2	3.3	3.6	3.4	3.6	4.4%	0.1%
Pakistan	18.3	19.4	20.4	22.1	27.4	31.0	32.0	32.5	33.1	33.8	34.1	1.3%	1.3%
Philippines	†	†	0.1	1.6	2.4	2.2	3.0	2.4	2.8	3.0	3.0	1.4%	0.1%
Singapore	1.4	1.6	4.1	4.5	4.8	5.9	5.9	7.7	7.7	8.3	8.7	5.6%	0.3%
South Korea	15.2	17.0	18.7	20.8	21.8	25.5	27.3	28.8	31.2	32.1	30.4	-5.0%	1.1%
Taiwan	5.7	6.1	6.6	7.4	7.6	9.2	9.3	10.0	10.6	10.5	10.2	-2.2%	0.4%
Thailand	17.3	19.8	22.3	24.2	26.0	26.9	29.3	30.0	31.8	33.6	35.3	5.2%	1.3%
Other Asia Pacific	4.4	4.9	5.2	5.4	5.9	7.8	10.9	11.0	11.7	12.3	11.9	-2.9%	0.4%
Total Asia Pacific	243.3	263.3	280.9	293.8	317.5	330.8	357.7	382.8	410.2	433.2	446.9	3.4%	16.8%
Total World	2095.5	2175.5	2216.9	2272.2	2348.4	2420.0	2498.3	2553.9	2652.1	2717.3	2653.1	-2.1%	100.0%
of which: European Union	385.9	395.8	405.9	405.3	424.1	437.0	444.2	438.0	433.1	440.9	413.9	-5.9%	15.6%
OECD	1170.2	1217.0	1203.8	1231.1	1251.0	1269.2	1276.2	1277.9	1327.5	1346.9	1302.0	-3.1%	49.1%
Former Soviet Union	468.3	471.3	486.7	489.3	505.1	516.4	527.7	537.2	550.8	544.2	503.2	-7.3%	19.0%
Other EMEs	457.0	487.1	526.4	551.8	592.3	634.4	694.4	738.9	773.8	826.3	847.9	2.9%	32.0%

Consumption by region

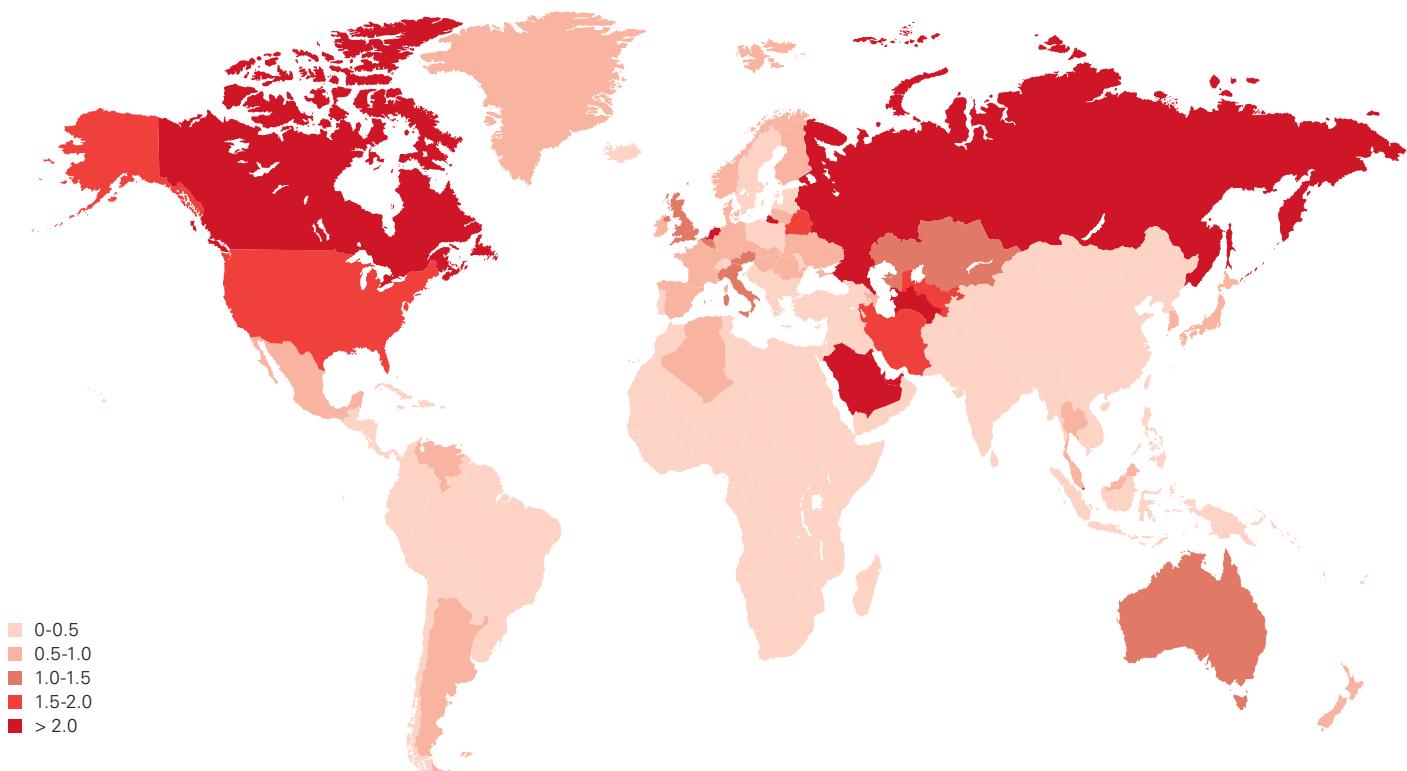
Billion cubic metres



World natural gas consumption fell by 2.1%, the most rapid decline on record and the sharpest decline among major fuels. Russia experienced the world's largest decline, with consumption falling by 26.3bcm. Consumption growth was below average in every region.

Consumption per capita 2009

Tonnes oil equivalent



Natural gas: trade movements 2009

Numbers in blue refer to liquefied natural gas (LNG) trade
Numbers in black refer to pipeline trade

Fold out to see full table





Natural gas: trade movements 2009

Billion cubic metres

To	US	Canada	Mexico	Argentina	Bolivia	Colombia	Trinidad & Tobago	Belgium	Denmark	France	Germany	Italy	Netherlands	Pipeline	LNG	Spain	United Kingdom	Azerbaijan	Kazakhstan	Russia
North America																				
US	—	92.24	0.79	—	—	—	6.68	—	—	—	—	—	—	—	0.84	—	—	—	—	
Canada	19.85	—	—	—	—	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	
Mexico	9.61	—	—	—	—	—	0.16	—	—	—	—	—	—	—	0.09	—	—	—	—	
S. & Cent. America																				
Argentina	—	—	—	—	1.70	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	
Brazil	—	—	—	—	8.11	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	
Chile	—	—	—	0.84	—	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	
Dominican Republic	—	—	—	—	—	—	0.56	—	—	—	—	—	—	—	—	—	—	—	—	
Puerto Rico	—	—	—	—	—	—	0.76	—	—	—	—	—	—	—	—	—	—	—	—	
Uruguay	—	—	—	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Venezuela	—	—	—	—	—	1.80	—	—	—	—	—	—	—	—	—	—	—	—	—	
Europe & Eurasia																				
Armenia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.47	
Austria	—	—	—	—	—	—	—	—	1.46	—	—	1.08	—	—	—	—	—	—	5.44	
Azerbaijan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Belarus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.94	
Belgium	—	—	—	—	—	—	0.16	—	—	0.80	—	6.17	6.39	0.17	—	1.65	—	—	—	
Bosnia & Herzegovina	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.22	
Bulgaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.64	
Croatia	—	—	—	—	—	—	—	—	—	—	0.13	—	—	—	—	—	—	—	1.07	
Czech Republic	—	—	—	—	—	—	—	—	—	—	—	3.00	—	—	—	—	—	—	6.40	
Estonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.71	
Finland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.10	
France	—	—	—	—	—	—	0.72	1.10	—	3.30	—	6.40	15.95	0.44	0.74	0.30	—	—	8.20	
Georgia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.33	—	0.19	
Germany	—	—	—	—	—	—	—	1.14	—	—	22.40	30.08	—	—	3.70	—	—	—	31.50	
Greece	—	—	—	—	—	—	0.04	—	—	—	—	—	—	—	—	—	0.50	—	2.05	
Hungary	—	—	—	—	—	—	—	—	0.20	0.70	—	—	—	—	—	—	—	—	7.20	
Ireland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.08	—	—	—	—	
Italy	—	—	—	—	—	—	—	—	1.40	—	7.51	5.92	—	0.24	—	—	—	—	20.80	
Kazakhstan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.30	
Kyrgyzstan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	—	—	—	—	
Latvia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.19	
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.77	
Luxembourg	—	—	—	—	—	—	—	0.70	—	0.60	—	—	—	—	—	—	—	—	—	
FYR of Macedonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.08	
Moldova	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.44	0.58	
Netherlands	—	—	—	—	—	—	—	—	1.65	—	2.50	—	7.60	—	1.20	—	—	—	4.26	
Poland	—	—	—	—	—	—	—	—	—	0.50	—	—	—	—	—	—	—	—	7.15	
Portugal	—	—	—	—	—	—	0.40	—	—	—	—	—	—	0.26	—	—	—	—	—	
Romania	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.05	
Russia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9.82	
Serbia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.55	
Slovakia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.40	
Slovenia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.51	
Spain	—	—	—	—	—	—	4.18	0.08	—	0.14	—	—	1.91	1.38	—	—	—	—	—	
Sweden	—	—	—	—	—	—	—	—	1.22	—	0.09	—	—	—	—	—	—	—	—	
Switzerland	—	—	—	—	—	—	—	—	0.50	1.45	—	0.75	0.09	—	—	—	—	0.30	—	
Tajikistan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Turkey	—	—	—	—	—	—	0.08	—	—	—	—	—	—	—	—	4.96	—	17.26	—	
Ukraine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24.15	
United Kingdom	—	—	—	—	—	—	1.97	0.74	—	—	—	6.44	23.70	0.26	—	—	—	—	—	
Middle East																				
Iran	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.40	—	—	—	
Israel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kuwait	—	—	—	—	—	—	0.15	0.08	—	—	—	—	—	—	—	—	—	0.41	—	
Lebanon	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jordan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oman	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Syria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Africa																				
Morocco	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tunisia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
South Africa	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Asia Pacific																				
China	—	—	—	—	—	—	0.08	0.08	—	—	—	—	—	—	—	—	—	—	0.25	
India	—	—	—	—	—	—	0.68	—	—	—	—	—	—	—	—	—	—	—	0.67	
Japan	0.86	—	—	—	—	—	0.14	—	—	—	—	—	—	—	—	—	—	—	3.69	
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Singapore	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
South Korea	—	—	—	—	—	—	0.90	—	—	—	—	—	—	—	—	—	—	—	1.35	
Taiwan	—	—	—	—	—	—	0.08	—	—	—	—	—	—	—	—	—	—	—	0.24	
Thailand	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pipeline exports	29.46	92.24	0.79	0.88	9.81	1.80	—	2.54	4.01	0.84	12.80	0.13	49.67	95.72	—	1.00	12.17	7.19	10.30	176.48
LNG exports	0.86	—	—	—	—	—	19.74	0.24	—	—	—	—	—	3.17	—	—	—	—	6.61	
Total exports	30.32	92.24	0.79	0.88	9.81	1.80	19.74	2.78	4.01	0.84	12.80	0.13	49.67	98.89	—	1.00	12.17	7.19	10.30	183.09

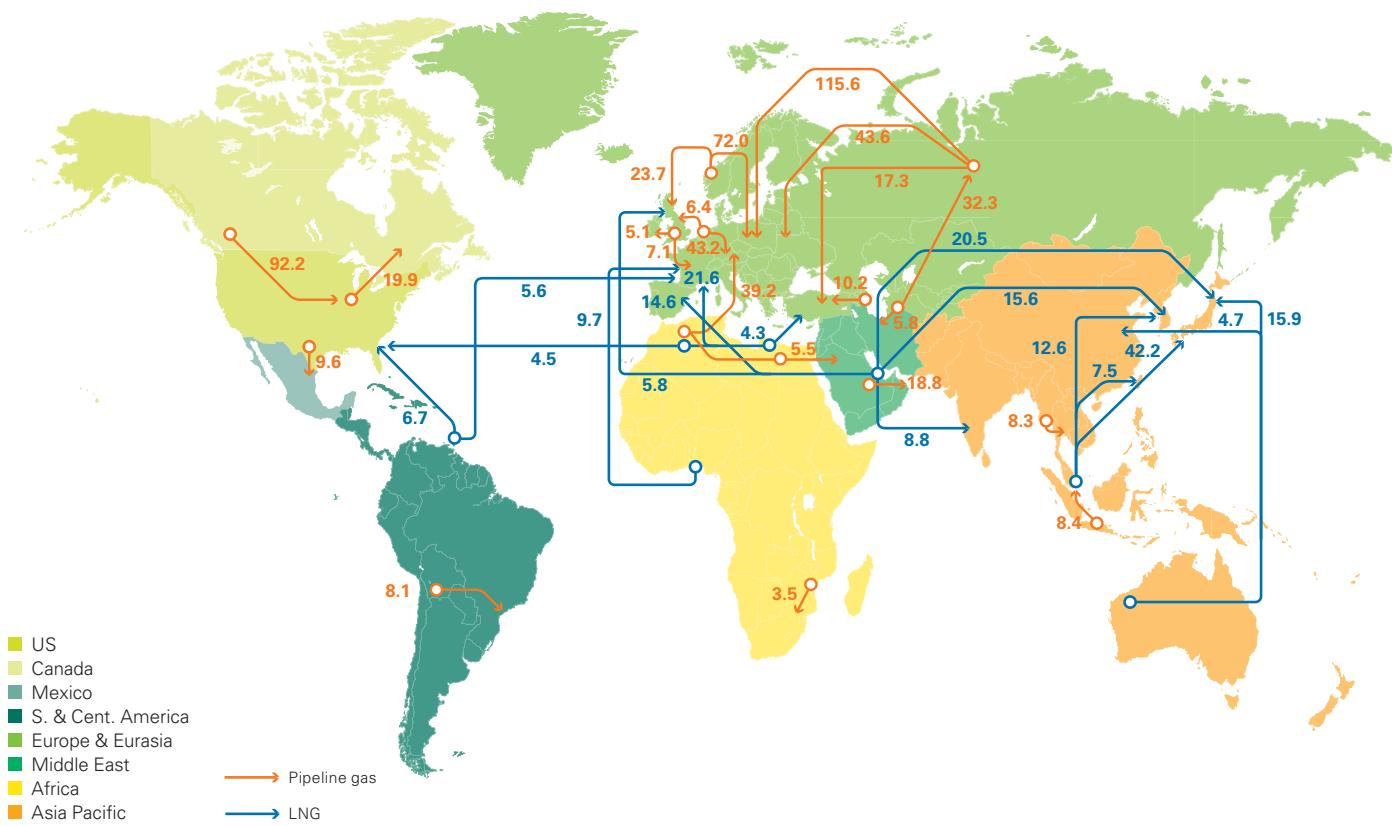
Notes: Flows are on a contractual basis and may not correspond to physical gas flows in all cases.

00.00 LNG
00.00 Pipeline

Source: Cedigaz (provisional) for all flows, except intra-CIS trade; CISStat and CDU TEK.

Major trade movements

Trade flows worldwide (billion cubic metres)



Prices

US dollars per million Btu	LNG Japan cif	Natural gas				Crude oil OECD countries cif
		Average German Import Price*	UK Heren NBP Index†	US Henry Hub‡	Canada Alberta‡	
1984	5.10	4.00	—	—	—	5.00
1985	5.23	4.25	—	—	—	4.75
1986	4.10	3.93	—	—	—	2.57
1987	3.35	2.55	—	—	—	3.09
1988	3.34	2.22	—	—	—	2.56
1989	3.28	2.00	—	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

*Source: 1984-1990 German Federal Statistical Office, 1991-2009 German Federal Office of Economics and Export Control (BAFA).

†Source: Heren Energy Ltd.

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

Note: Btu = British thermal units; cif = cost+insurance+freight (average prices).

Proved reserves at end 2009

	Anthracite and bituminous	Sub- bituminous and lignite	Total	Share of total	R/P ratio
Million tonnes					
US	108950	129358	238308	28.9%	245
Canada	3471	3107	6578	0.8%	105
Mexico	860	351	1211	0.1%	109
Total North America	113281	132816	246097	29.8%	235
Brazil	—	7059	7059	0.9%	*
Colombia	6434	380	6814	0.8%	95
Venezuela	479	—	479	0.1%	96
Other S. & Cent. America	51	603	654	0.1%	*
Total S. & Cent. America	6964	8042	15006	1.8%	181
Bulgaria	5	1991	1996	0.2%	74
Czech Republic	1673	2828	4501	0.5%	84
Germany	152	6556	6708	0.8%	37
Greece	—	3900	3900	0.5%	62
Hungary	199	3103	3302	0.4%	367
Kazakhstan	28170	3130	31300	3.8%	308
Poland	6012	1490	7502	0.9%	56
Romania	12	410	422	0.1%	14
Russian Federation	49088	107922	157010	19.0%	*
Spain	200	330	530	0.1%	52
Turkey	—	1814	1814	0.2%	22
Ukraine	15351	18522	33873	4.1%	460
United Kingdom	155	—	155	♦	9
Other Europe & Eurasia	1025	18208	19233	2.3%	293
Total Europe & Eurasia	102042	170204	272246	33.0%	236
South Africa	30408	—	30408	3.7%	122
Zimbabwe	502	—	502	0.1%	301
Other Africa	929	174	1103	0.1%	*
Middle East	1386	—	1386	0.2%	*
Total Middle East & Africa	33225	174	33399	4.0%	131
Australia	36800	39400	76200	9.2%	186
China	62200	52300	114500	13.9%	38
India	54000	4600	58600	7.1%	105
Indonesia	1721	2607	4328	0.5%	17
Japan	355	—	355	♦	277
New Zealand	33	538	571	0.1%	125
North Korea	300	300	600	0.1%	16
Pakistan	1	2069	2070	0.3%	*
South Korea	133	—	133	♦	53
Thailand	—	1354	1354	0.2%	72
Vietnam	150	—	150	♦	3
Other Asia Pacific	115	276	391	♦	19
Total Asia Pacific	155809	103444	259253	31.4%	59
Total World	411321	414680	826001	100.0%	119
of which: European Union	8427	21143	29570	3.6%	55
OECD	159012	193083	352095	42.6%	174
Former Soviet Union	93609	132386	225995	27.4%	474
Other EMEs	158700	89211	247911	30.0%	56

*More than 500 years.

♦Less than 0.05%.

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.

Source of reserves data: World Energy Council, 2009.

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
1990	43.48	31.59	60.54	50.81
1991	42.80	29.01	60.45	50.30
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
1999	28.79	31.29	42.83	35.74
2000	35.99	29.90	39.69	34.58
2001	39.03	50.15	41.33	37.96
2002	31.65	33.20	42.01	36.90
2003	43.60	38.52	41.57	34.74
2004	72.08	64.90	60.96	51.34
2005	60.54	70.12	89.33	62.91
2006	64.11	62.96	93.46	63.04
2007	88.79	51.16	88.24	69.86
2008	147.67	118.79	179.03	122.81
2009	70.66	68.08	167.82	110.11

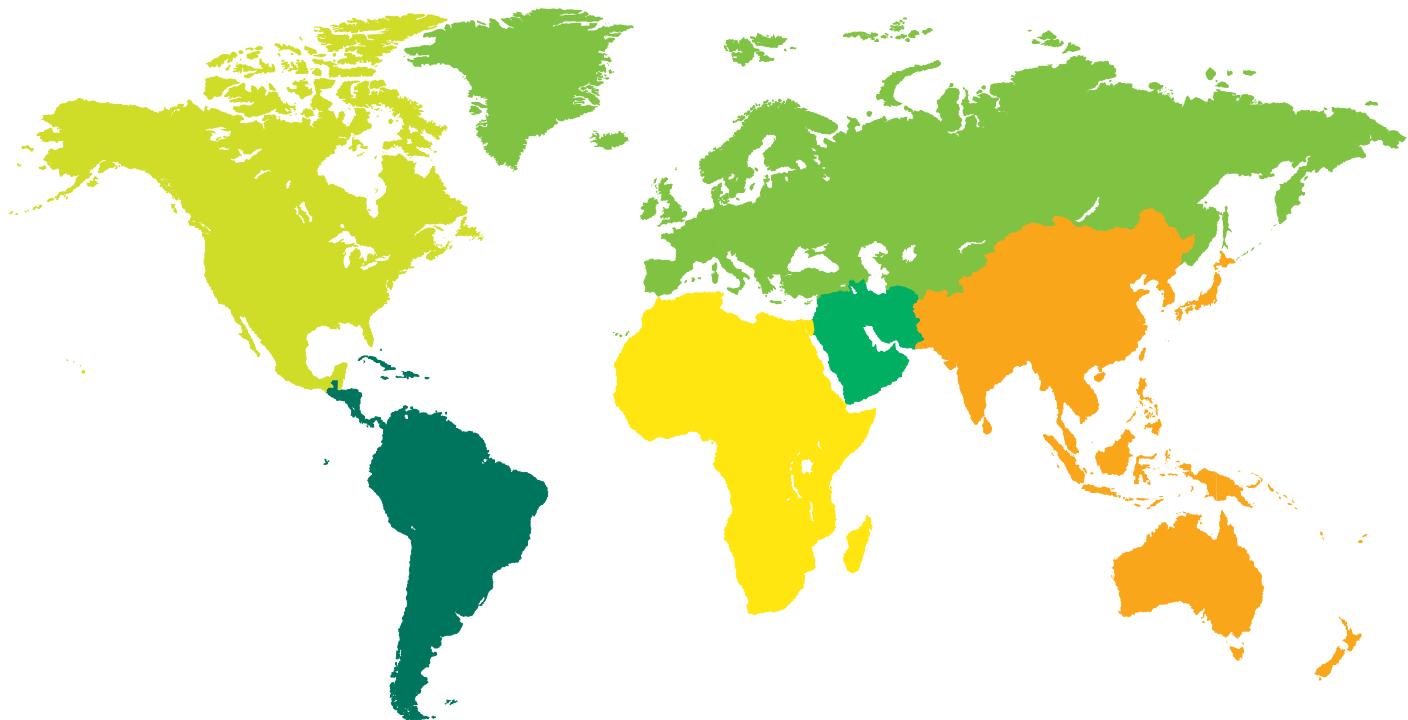
†Source: McCloskey Coal Information Service. Prices for 1990-2000 are the average of the monthly marker, 2001-2009 the average of weekly prices.

‡Source: Platts. Prices are for CAPP 12,500Btu, 1.2 SO₂ coal, fob. Prices for 1990-2000 are by coal price publication date, 2001-2009 by coal price assessment date.

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

Proved reserves at end 2009

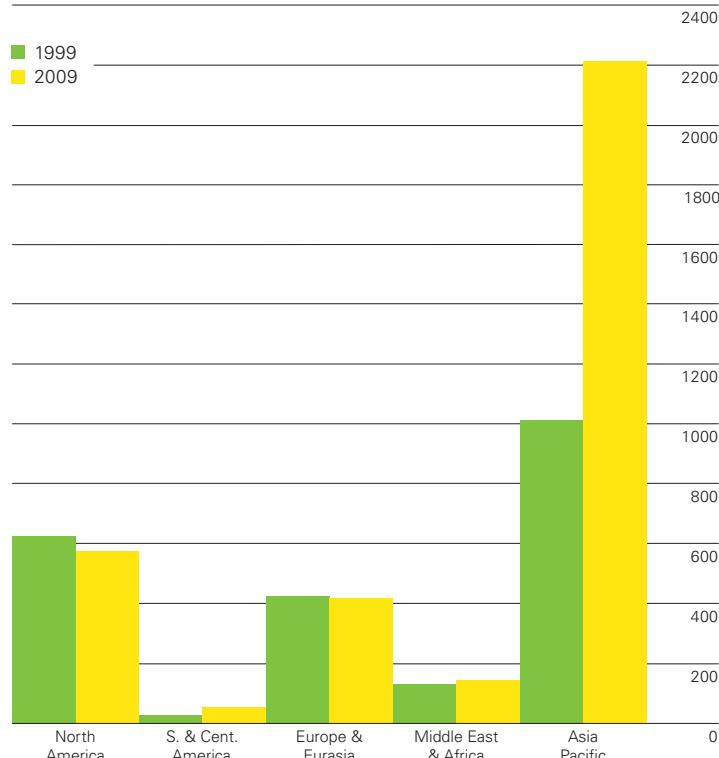
Thousand million tonnes (anthracite and bituminous coal shown in brackets)



1.4 (1.4) Middle East	15.0 (7.0) S. & Cent. America	32.0 (31.8) Africa	246.1 (113.3) North America	259.3 (155.8) Asia Pacific	272.2 (102.0) Europe & Eurasia
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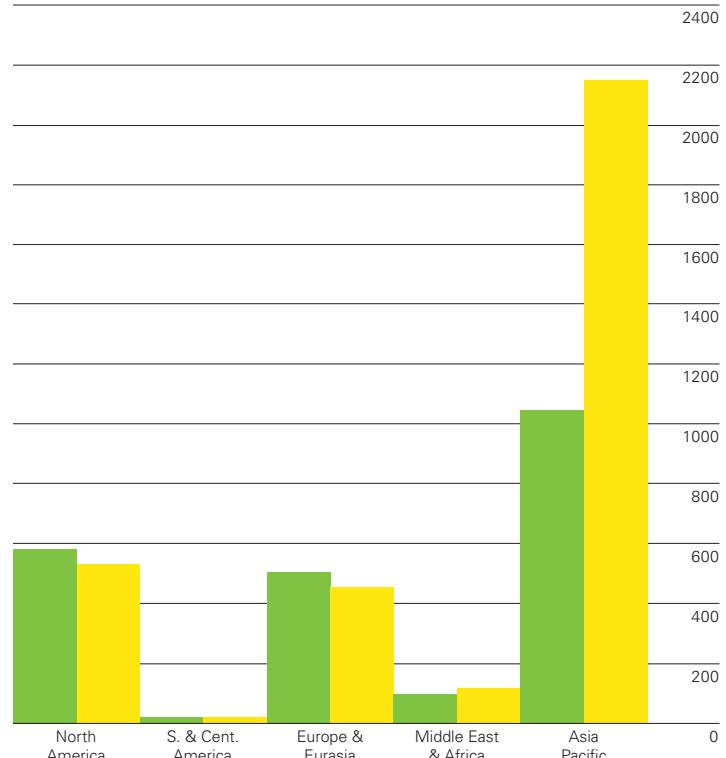
Production

Million tonnes oil equivalent



Consumption

Million tonnes oil equivalent



World coal consumption was essentially flat in 2009, the weakest year since 1999. For the first time since 2002 coal was not the fastest-growing fuel in the world. The OECD and Former Soviet Union experienced the steepest declines on record, while growth elsewhere was near average, largely due to above-average growth in China, which accounted for 46.9% of global coal consumption.



Production*

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	584.3	570.1	590.3	570.1	553.6	572.4	580.2	595.1	587.7	596.7	539.9	-9.3%	15.8%
Canada	38.0	36.1	36.6	34.2	31.7	33.8	33.5	33.9	36.0	35.3	32.8	-6.9%	1.0%
Mexico	4.9	5.4	5.3	5.3	4.6	4.7	5.2	5.5	6.0	5.5	5.3	-2.8%	0.2%
Total North America	627.1	611.6	632.2	609.5	589.9	610.9	618.8	634.5	629.7	637.5	578.1	-9.1%	17.0%
Brazil	2.1	2.9	2.1	1.9	1.8	2.0	2.4	2.2	2.3	2.5	1.9	-23.2%	0.1%
Colombia	21.3	24.9	28.5	25.7	32.5	34.9	38.4	42.6	45.4	47.8	46.9	-1.6%	1.4%
Venezuela	4.8	5.8	5.6	5.9	5.1	5.9	5.3	5.4	5.6	6.4	3.6	-43.1%	0.1%
Other S. & Cent. America	0.5	0.4	0.5	0.4	0.5	0.2	0.3	0.6	0.3	0.4	0.5	10.8%	◆
Total S. & Cent. America	28.7	33.9	36.8	33.9	39.9	43.0	46.3	50.8	53.6	57.1	52.9	-7.1%	1.6%
Bulgaria	4.2	4.4	4.4	4.4	4.6	4.5	4.1	4.2	4.7	4.8	4.5	-5.8%	0.1%
Czech Republic	23.1	25.0	25.4	24.3	24.2	23.5	23.5	23.7	23.5	21.2	20.6	-2.6%	0.6%
France	3.3	2.3	1.5	1.1	1.3	0.4	0.2	0.2	0.2	0.1	0.1	-33.2%	◆
Germany	59.4	56.5	54.1	55.0	54.1	54.7	53.2	50.3	51.5	47.7	44.4	-6.7%	1.3%
Greece	8.0	8.2	8.5	9.1	9.0	9.1	9.0	8.3	8.6	8.3	8.1	-2.7%	0.2%
Hungary	3.1	2.9	2.9	2.7	2.8	2.4	2.0	2.1	2.0	1.9	1.9	-4.2%	0.1%
Kazakhstan	30.0	38.5	40.7	37.8	43.3	44.4	44.2	49.1	50.0	56.8	51.8	-8.6%	1.5%
Poland	77.0	71.3	71.7	71.3	71.4	70.5	68.7	67.0	62.3	60.5	56.4	-6.6%	1.7%
Romania	5.1	6.4	7.1	6.6	7.0	6.7	6.6	6.5	6.7	6.7	5.7	-14.4%	0.2%
Russian Federation	112.1	116.0	122.6	117.3	127.1	131.7	139.2	145.1	148.0	153.4	140.7	-8.1%	4.1%
Spain	8.6	8.0	7.6	7.2	6.8	6.7	6.4	6.2	6.0	4.2	4.1	-2.3%	0.1%
Turkey	13.3	13.9	14.2	11.5	10.5	10.5	12.8	13.4	15.8	17.2	17.4	1.6%	0.5%
Ukraine	42.3	42.0	43.5	42.8	41.7	42.2	41.0	41.7	39.9	41.3	38.3	-7.0%	1.1%
United Kingdom	22.5	19.0	19.4	18.2	17.2	15.3	12.5	11.3	10.3	11.0	10.9	-0.7%	0.3%
Other Europe & Eurasia	13.4	14.0	14.4	15.3	15.8	15.6	14.7	15.7	16.7	17.3	15.5	-9.8%	0.5%
Total Europe & Eurasia	425.3	428.6	438.2	424.6	436.7	438.2	438.2	444.9	446.3	452.6	420.4	-6.9%	12.3%
Total Middle East	0.7	0.8	0.7	0.8	0.7	0.8	0.8	0.9	1.0	1.0	1.0	0.3%	◆
South Africa	125.6	126.6	126.1	124.1	134.1	137.2	137.7	138.0	139.6	142.4	140.9	-0.7%	4.1%
Zimbabwe	3.2	2.8	2.9	2.5	1.8	2.4	1.9	1.4	1.4	1.1	1.1	-1.7%	◆
Other Africa	1.3	1.2	1.2	1.3	1.5	1.2	1.1	1.1	1.0	1.0	1.0	0.3%	◆
Total Africa	130.1	130.6	130.1	127.9	137.4	140.8	140.7	140.4	141.9	144.5	143.0	-0.7%	4.2%
Australia	160.6	166.5	180.2	184.3	189.9	198.5	205.8	210.3	217.2	220.3	228.0	3.7%	6.7%
China	645.9	656.7	697.6	733.7	868.4	1012.1	1120.0	1205.1	1282.4	1425.6	1552.9	9.2%	45.6%
India	124.4	132.2	133.6	138.5	144.4	155.7	162.1	170.2	181.0	195.6	211.5	8.4%	6.2%
Indonesia	45.3	47.4	56.5	63.6	70.3	81.4	93.9	119.2	133.4	140.8	155.3	10.6%	4.6%
Japan	2.2	1.7	1.8	0.8	0.7	0.7	0.6	0.7	0.8	0.7	0.7	4.6%	◆
New Zealand	2.1	2.2	2.4	2.7	3.2	3.2	3.2	3.5	3.0	3.0	2.8	-7.0%	0.1%
Pakistan	1.5	1.4	1.5	1.6	1.5	1.5	1.6	1.7	1.6	1.8	1.6	-12.6%	◆
South Korea	1.9	1.9	1.7	1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.1	-8.9%	◆
Thailand	5.7	5.1	5.6	5.7	5.3	5.6	5.8	5.3	5.1	5.0	5.3	5.0%	0.2%
Vietnam	4.9	6.5	7.5	9.2	10.8	14.7	18.3	21.8	22.4	23.0	25.2	10.1%	0.7%
Other Asia Pacific	18.1	19.6	20.1	19.6	20.6	22.4	24.7	25.1	23.3	27.1	29.0	7.2%	0.9%
Total Asia Pacific	1012.6	1041.3	1108.4	1161.0	1316.5	1497.2	1637.3	1764.3	1871.5	2044.2	2213.3	8.6%	64.9%
Total World	2224.6	2246.7	2346.5	2357.7	2521.1	2731.0	2882.0	3035.9	3144.0	3336.9	3408.6	2.4%	100.0%
of which: European Union	216.7	206.6	205.1	202.5	200.7	195.8	188.1	181.5	177.6	168.3	158.4	-5.6%	4.6%
OECD	1013.7	992.9	1026.2	1002.1	985.7	1010.7	1019.6	1035.0	1035.4	1037.9	976.9	-5.6%	28.7%
Former Soviet Union	185.5	197.4	207.8	198.9	212.8	219.4	225.6	237.0	239.0	252.9	232.1	-8.0%	6.8%
Other EMEs	1025.4	1056.4	1112.5	1156.7	1322.6	1501.0	1636.8	1763.8	1869.6	2046.2	2199.6	7.8%	64.5%

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal.

◆Less than 0.05%.

Notes: Growth rates are adjusted for leap years.

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



Consumption*

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 2009 over 2008	2009 share of total
US	544.9	569.0	552.2	552.0	562.5	566.1	574.2	565.7	573.3	564.1	498.0	-11.5%
Canada	30.5	31.8	34.0	31.6	33.4	29.9	31.7	31.0	32.3	30.8	26.5	-13.8%
Mexico	6.0	6.2	6.8	7.6	8.6	7.0	9.1	9.4	7.2	6.8	6.8	-4.9%
Total North America	581.4	606.9	593.0	591.1	604.5	603.0	614.9	606.1	614.7	602.1	531.3	-11.5%
Argentina	0.9	0.8	0.6	0.5	0.7	0.8	0.9	0.3	0.4	1.1	1.1	0.3%
Brazil	11.9	12.5	12.2	11.5	11.8	12.8	12.7	12.5	13.4	13.5	11.7	-12.9%
Chile	3.9	3.0	2.3	2.4	2.3	2.6	2.6	3.2	3.8	4.1	4.1	0.1%
Colombia	2.4	2.7	2.7	2.2	2.4	2.0	2.7	2.4	2.4	2.8	3.1	13.4%
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Peru	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.3%
Venezuela	0.1	†	†	†	†	—	†	†	†	†	†	-5.7%
Other S. & Cent. America	0.6	0.6	0.7	1.0	2.1	1.9	1.8	2.1	2.1	2.0	1.9	-5.2%
Total S. & Cent. America	20.1	20.1	19.0	18.0	19.6	20.5	21.2	21.0	22.6	24.0	22.5	-6.1%
Austria	3.2	3.2	2.9	3.0	2.9	2.9	2.8	2.8	3.1	2.2	2.3	4.4%
Azerbaijan	—	—	†	†	†	†	†	†	†	†	†	-14.5%
Belarus	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	†	47.2%
Belgium & Luxembourg	6.9	7.6	7.6	6.7	6.5	6.4	6.1	6.1	5.5	4.8	4.6	-3.7%
Bulgaria	6.6	6.3	6.9	6.5	7.1	6.9	6.9	7.1	7.8	7.5	6.3	-16.0%
Czech Republic	19.0	21.0	21.2	20.6	20.8	20.5	19.8	19.4	19.3	17.4	15.8	-9.1%
Denmark	4.7	4.0	4.2	4.2	5.7	4.6	3.7	5.6	4.7	4.1	4.0	-2.4%
Finland	3.6	3.5	4.0	4.4	5.8	5.3	3.1	5.2	4.6	3.4	3.7	9.1%
France	14.3	13.9	12.1	12.4	13.3	12.8	13.3	12.1	12.3	11.9	10.1	-14.8%
Germany	80.2	84.9	85.0	84.6	87.2	85.4	82.1	83.5	85.7	80.1	71.0	-11.1%
Greece	9.1	9.2	9.3	9.8	9.4	9.0	8.8	8.1	8.5	8.1	7.9	-3.0%
Hungary	3.4	3.2	3.4	3.1	3.4	3.1	2.7	2.9	2.9	2.8	2.5	-12.2%
Iceland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	16.4%
Republic of Ireland	1.6	1.8	1.9	1.8	1.7	1.8	1.8	1.6	1.5	1.4	1.3	-4.2%
Italy	11.6	13.0	13.7	14.2	15.3	17.1	17.0	17.2	17.2	16.7	13.4	-20.0%
Kazakhstan	19.8	23.2	22.5	22.8	25.2	26.5	27.2	28.1	30.8	34.0	33.0	-2.4%
Lithuania	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-19.6%
Netherlands	7.7	8.6	8.5	8.9	9.1	9.1	8.7	8.5	9.0	8.5	7.9	-6.4%
Norway	0.7	0.7	0.6	0.5	0.5	0.6	0.5	0.4	0.4	0.5	0.3	-25.4%
Poland	61.0	57.6	58.0	56.7	57.7	57.3	55.7	58.0	57.9	56.0	53.9	-3.5%
Portugal	3.6	4.5	3.7	4.1	3.8	3.7	3.8	3.8	3.3	3.2	3.6	13.3%
Romania	6.7	7.0	7.2	7.6	7.8	7.4	7.6	8.5	7.4	7.4	6.2	-15.9%
Russian Federation	101.0	105.2	102.4	103.0	104.0	99.5	94.2	96.7	93.5	100.4	82.9	-17.2%
Slovakia	4.3	4.0	4.1	4.0	4.2	4.1	3.9	3.8	3.8	3.7	3.6	-3.7%
Spain	20.5	21.6	19.5	21.9	20.5	21.0	21.2	18.5	20.2	15.6	10.6	-31.9%
Sweden	2.0	1.9	2.0	2.2	2.2	2.3	2.2	2.3	2.2	2.0	1.6	-15.6%
Switzerland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3%
Turkey	22.6	25.5	21.8	21.2	21.8	23.0	26.1	28.8	31.0	30.9	27.2	-11.9%
Turkmenistan	—	—	—	—	—	—	—	—	—	—	—	—
Ukraine	38.5	38.8	39.4	38.3	39.0	39.1	37.5	39.8	39.7	40.3	35.0	-12.9%
United Kingdom	34.3	36.7	38.9	35.7	38.1	36.6	37.4	40.8	38.2	35.5	29.7	-15.9%
Uzbekistan	0.9	1.0	1.1	1.0	1.0	1.2	1.1	1.1	1.4	1.4	1.4	♦ 0.9%
Other Europe & Eurasia	16.4	17.3	16.5	18.7	19.6	20.1	17.9	15.7	15.9	16.6	16.3	-1.6%
Total Europe & Eurasia	504.5	525.6	518.7	518.6	533.9	527.8	513.6	526.8	528.3	516.7	456.4	-11.4%
Iran	1.0	1.1	1.1	1.1	1.1	1.0	1.2	1.3	1.3	1.3	1.4	3.1%
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Other Middle East	5.7	6.2	7.2	7.6	7.9	8.0	7.9	7.8	8.0	7.9	7.9	0.3%
Total Middle East	6.7	7.3	8.3	8.7	9.0	9.0	9.1	9.1	9.3	9.2	9.2	0.7%
Algeria	0.5	0.5	0.6	0.9	0.8	0.8	0.6	0.7	0.7	0.7	0.7	7.2%
Egypt	1.0	1.4	1.2	1.3	1.4	1.3	1.3	1.2	1.2	1.2	1.1	-3.0%
South Africa	82.3	81.9	80.6	83.5	89.3	94.5	91.9	93.8	97.7	102.8	99.4	-3.0%
Other Africa	6.5	6.4	7.3	7.2	6.4	7.2	7.3	6.8	6.3	6.4	6.1	4.7%
Total Africa	90.4	90.2	89.8	93.0	97.9	103.8	101.1	102.6	106.0	111.1	107.3	-3.1%
Australia	46.0	46.7	48.2	51.0	49.8	52.7	53.6	55.6	54.2	51.4	50.8	-0.9%
Bangladesh	†	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3%
China	656.2	667.4	681.3	713.8	853.1	983.0	1100.5	1215.0	1313.6	1406.1	1537.4	9.6%
China Hong Kong SAR	3.9	3.7	4.9	5.4	6.6	6.6	6.7	7.0	7.5	7.0	7.6	9.0%
India	135.8	144.2	145.2	151.8	156.8	172.3	184.4	195.4	210.3	230.9	245.8	6.8%
Indonesia	11.6	13.7	16.7	18.0	17.6	20.2	26.1	24.1	28.4	30.2	30.5	1.4%
Japan	91.5	98.9	103.0	106.6	112.2	120.8	121.3	119.1	125.3	128.7	108.8	-15.2%
Malaysia	1.8	1.9	2.6	3.6	4.2	5.7	6.3	7.3	7.1	5.0	4.0	-20.3%
New Zealand	1.2	1.1	1.3	1.3	1.9	2.0	2.2	2.2	1.6	2.0	1.7	-15.8%
Pakistan	2.1	2.0	2.1	2.4	2.9	3.8	4.1	4.2	5.1	5.3	4.3	-17.9%
Philippines	2.9	4.3	4.5	4.7	4.7	5.0	5.7	5.5	5.9	7.0	6.8	-2.4%
Singapore	—	—	—	—	—	—	—	—	—	—	—	—
South Korea	38.2	43.0	45.7	49.1	51.1	53.1	54.8	54.8	59.7	66.1	68.6	4.1%
Taiwan	24.8	28.7	30.6	32.7	35.1	36.6	38.1	39.6	41.8	40.2	38.7	-3.5%
Thailand	7.9	7.8	8.8	9.2	9.4	10.4	11.2	12.4	14.1	15.3	14.1	-7.4%
Other Asia Pacific	22.0	23.7	24.5	23.9	24.4	27.4	28.7	30.9	28.1	28.1	32.1	14.8%
Total Asia Pacific	1045.8	1087.4	1120.0	1173.8	1330.2	1499.8	1644.0	1773.6	1903.2	2023.4	2151.6	6.6%
Total World	2248.9	2337.6	2348.7	2403.1	2595.0	2764.0	2904.0	3039.1	3184.1	3286.4	3278.3	♦ 100.0%
of which: European Union	306.1	315.3	315.5	314.0	323.9	318.8	310.1	317.3	316.7	293.8	261.3	-10.8%
OECD	1072.6	1123.3	1114.0	1119.5	1149.5	1158.4	1167.8	1167.3	1187.2	1159.2	1036.3	-10.4%
Former Soviet Union	161.3	169.1	166.1	166.0	170.3	167.6	161.1	166.8	166.4	177.2	153.3	-13.3%
Other EMEs	1015.1	1045.2	1068.6	1117.6	1275.2	1438.0	1575.1	1705.1	1830.5	1950.0	2088.7	7.4%

*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%.

Note: Growth rates are adjusted for leap years.

 Nuclear energy

Consumption*

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
US	173.5	179.6	183.1	185.8	181.9	187.8	186.3	187.5	192.1	192.0	190.2	-0.7%	31.2%
Canada	16.5	16.4	17.2	17.0	16.8	20.3	20.7	22.0	21.0	21.6	20.3	-5.6%	3.3%
Mexico	2.3	1.9	2.0	2.2	2.4	2.1	2.4	2.5	2.4	2.3	2.2	-5.6%	0.4%
Total North America	192.2	197.8	202.3	205.0	201.1	210.2	209.4	212.0	215.4	215.9	212.7	-1.2%	34.8%
Argentina	1.6	1.4	1.6	1.3	1.7	1.8	1.6	1.7	1.6	1.6	1.8	11.3%	0.3%
Brazil	0.9	1.4	3.2	3.1	3.0	2.6	2.2	3.1	2.8	3.2	2.9	-6.7%	0.5%
Chile	-	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-
Other S. & Cent. America	-	-	-	-	-	-	-	-	-	-	-	-	-
Total S. & Cent. America	2.5	2.8	4.8	4.4	4.7	4.4	3.8	4.8	4.4	4.8	4.7	-0.6%	0.8%
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-
Azerbaijan	-	-	-	-	-	-	-	-	-	-	-	-	-
Belarus	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgium & Luxembourg	11.1	10.9	10.5	10.7	10.7	10.7	10.8	10.5	10.9	10.4	10.7	3.5%	1.8%
Bulgaria	3.6	4.1	4.4	4.6	4.5	4.4	4.2	4.4	3.3	3.6	3.5	-1.0%	0.6%
Czech Republic	3.0	3.1	3.3	4.2	5.9	6.0	5.6	5.9	5.9	6.0	6.1	2.6%	1.0%
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-
Finland	5.3	5.1	5.2	5.4	5.5	5.5	5.5	5.4	5.6	5.4	5.4	-1.2%	0.9%
France	89.2	94.0	95.3	98.8	99.8	101.7	102.4	102.1	99.7	99.6	92.9	-6.5%	15.2%
Germany	38.5	38.4	38.8	37.3	37.4	37.8	36.9	37.9	31.8	33.7	30.5	-9.1%	5.0%
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	3.2	3.2	3.2	3.2	2.5	2.7	3.1	3.0	3.3	3.4	3.5	4.4%	0.6%
Iceland	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic of Ireland	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	2.2	1.9	2.6	3.2	3.5	3.4	2.3	2.0	2.2	2.2	2.5	10.0%	0.4%
Netherlands	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	1.0	0.9	1.0	1.7%	0.2%
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-
Romania	1.2	1.2	1.2	1.2	1.1	1.3	1.3	1.3	1.7	2.5	2.7	5.0%	0.4%
Russian Federation	27.1	29.5	31.0	32.1	33.6	32.7	33.4	35.4	36.2	36.9	37.0	0.6%	6.1%
Slovakia	3.0	3.7	3.9	4.1	4.0	3.9	4.0	4.1	3.5	3.8	3.2	-15.5%	0.5%
Spain	13.3	14.1	14.4	14.3	14.0	14.4	13.0	13.6	12.5	13.3	12.0	-10.1%	2.0%
Sweden	16.6	13.0	16.3	15.4	15.3	17.3	16.4	15.2	15.2	14.6	11.9	-18.2%	2.0%
Switzerland	5.6	6.0	6.0	6.1	6.2	6.1	5.2	6.3	6.3	6.2	6.2	0.2%	1.0%
Turkey	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	16.3	17.5	17.2	17.7	18.4	19.7	20.1	20.4	20.9	20.3	18.6	-8.3%	3.0%
United Kingdom	21.5	19.3	20.4	19.9	20.1	18.1	18.5	17.1	14.3	11.9	15.7	32.2%	2.6%
Uzbekistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe & Eurasia	1.5	1.5	1.6	1.8	1.6	1.8	1.9	1.9	1.9	2.0	1.8	-9.6%	0.3%
Total Europe & Eurasia	263.1	267.4	276.3	280.8	285.0	288.2	285.5	287.2	276.1	276.8	265.0	-4.0%	43.4%
Iran	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Middle East	-	-											
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-
South Africa	3.1	3.1	2.6	2.9	3.0	3.4	2.9	2.4	3.0	3.0	2.7	-8.7%	0.4%
Other Africa	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Africa	3.1	3.1	2.6	2.9	3.0	3.4	2.9	2.4	3.0	3.0	2.7	-8.7%	0.4%
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	-	-
China	3.4	3.8	4.0	5.7	9.8	11.4	12.0	12.4	14.1	15.5	15.9	2.8%	2.6%
China Hong Kong SAR	-	-	-	-	-	-	-	-	-	-	-	-	-
India	2.9	3.6	4.3	4.4	4.1	3.8	4.0	4.0	4.0	3.4	3.8	10.7%	0.6%
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan	71.9	72.3	72.7	71.3	52.1	64.7	66.3	68.9	63.1	57.0	62.1	9.4%	10.2%
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	†	0.2	0.5	0.4	0.4	0.5	0.6	0.6	0.6	0.4	0.6	50.6%	0.1%
Philippines	-	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	23.3	24.7	25.4	27.0	29.3	29.6	33.2	33.7	32.3	34.2	33.4	-1.8%	5.5%
Taiwan	8.7	8.7	8.0	8.9	8.8	8.9	9.0	9.0	9.2	9.2	9.4	2.1%	1.5%
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Asia Pacific	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Asia Pacific	110.2	113.3	114.8	117.7	104.6	119.0	125.2	128.6	123.3	119.7	125.3	5.0%	20.5%
Total World	571.1	584.3	600.7	610.8	598.5	625.2	626.8	634.9	622.2	620.2	610.5	-1.3%	100.0%
of which: European Union	213.6	213.9	221.6	224.5	226.3	229.2	226.1	224.5	212.1	212.7	202.6	-4.5%	33.2%
OECD	498.6	506.4	518.5	523.5	504.8	529.4	531.2	536.3	520.7	516.2	507.3	-1.5%	83.1%
Former Soviet Union	46.2	49.4	51.2	53.4	56.0	56.4	56.4	58.4	60.0	60.0	58.6	-2.1%	9.6%
Other EMEs	26.4	28.6	31.0	33.9	37.7	39.4	39.1	40.2	41.6	43.9	44.6	1.9%	7.3%

*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.

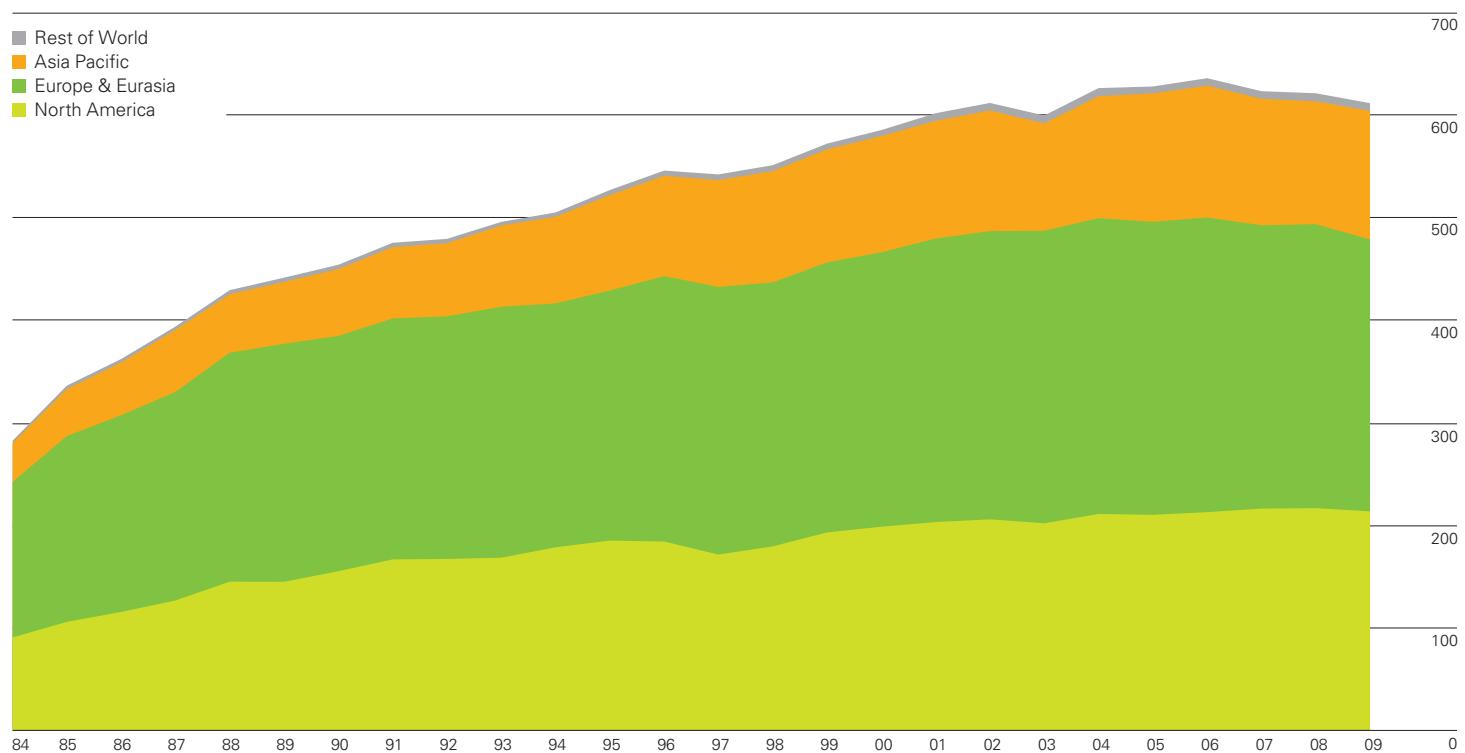
Notes: Growth rates are adjusted for leap years.

Nuclear energy data expressed in terawatt-hours is available at www.bp.com/statisticalreview.

Consumption by region

Million tonnes oil equivalent

- Rest of World
- Asia Pacific
- Europe & Eurasia
- North America



Global nuclear power generation declined by 1.3%, a third consecutive annual decline. Lower output in Europe and Eurasia, as well as North America, outweighed increases in Asia Pacific.


Hydroelectricity
Consumption*

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2009 over 2008	2009 share of total
Million tonnes oil equivalent													
US	73.0	63.0	49.6	60.4	63.0	61.3	61.8	66.1	56.6	58.2	62.2	7.1%	8.4%
Canada	78.1	80.8	75.0	79.1	76.1	76.6	82.1	80.2	83.6	92.9	90.2	-2.6%	12.2%
Mexico	7.4	7.5	6.4	5.6	4.5	5.6	6.2	6.8	6.1	8.6	6.0	-30.9%	0.8%
Total North America	158.5	151.2	131.1	145.1	143.6	143.6	150.1	153.2	146.3	159.7	158.3	-0.6%	21.4%
Argentina	4.9	6.5	8.4	8.1	7.7	6.9	7.9	9.8	8.5	8.4	9.2	9.7%	1.2%
Brazil	66.3	68.9	60.6	64.7	69.2	72.6	76.4	78.9	84.6	83.6	88.5	6.1%	12.0%
Chile	3.1	4.3	4.9	5.2	5.2	4.9	6.0	6.6	5.2	5.6	5.6	1.5%	0.8%
Colombia	7.6	6.9	7.1	7.6	8.1	9.0	9.0	9.7	9.5	10.4	9.3	-11.2%	1.3%
Ecuador	1.6	1.7	1.6	1.7	1.6	1.7	1.6	1.6	2.0	2.6	2.1	-18.1%	0.3%
Peru	3.3	3.7	4.0	4.1	4.2	4.0	4.1	4.4	4.4	4.3	4.5	4.5%	0.6%
Venezuela	13.7	14.2	13.7	13.5	13.7	15.9	17.6	18.5	18.8	19.6	19.5	-0.7%	2.6%
Other S. & Cent. America	17.7	18.5	17.0	17.9	18.3	17.9	18.5	18.5	19.4	19.8	19.8	0.4%	2.7%
Total S. & Cent. America	118.2	124.8	117.3	122.9	127.9	132.8	140.9	148.0	152.5	154.4	158.4	2.9%	21.4%
Austria	9.2	9.5	9.5	9.0	8.1	7.7	7.7	7.2	7.7	7.9	8.3	5.3%	1.1%
Azerbaijan	0.3	0.3	0.3	0.5	0.6	0.6	0.7	0.6	0.5	0.5	0.5	3.7%	0.1%
Belarus	†	†	†	†	†	†	†	†	†	†	†	0.3%	♦
Belgium & Luxembourg	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-29.6%	♦
Bulgaria	0.7	0.6	0.4	0.6	0.7	0.7	1.1	1.0	0.7	0.8	0.9	22.2%	0.1%
Czech Republic	0.5	0.5	0.6	0.6	0.4	0.6	0.7	0.7	0.6	0.5	0.7	24.9%	0.1%
Denmark	†	†	†	†	†	†	†	†	†	†	†	-26.7%	♦
Finland	2.9	3.3	3.1	2.4	2.1	3.4	3.1	2.6	3.2	3.9	2.9	-25.4%	0.4%
France	16.6	15.3	17.0	13.9	13.5	13.5	11.8	12.7	13.2	13.7	13.1	-4.2%	1.8%
Germany	4.4	4.9	5.3	5.4	4.3	4.7	4.6	4.4	4.6	4.5	4.2	-7.4%	0.6%
Greece	1.1	0.9	0.6	0.8	1.2	1.2	1.3	1.5	0.8	0.9	1.6	67.1%	0.2%
Hungary	†	†	†	†	†	†	†	†	†	†	0.1	7.3%	♦
Iceland	1.4	1.4	1.5	1.6	1.6	1.6	1.6	1.7	1.9	2.8	2.8	-1.0%	0.4%
Republic of Ireland	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	-5.8%	♦
Italy	10.3	10.0	10.6	8.9	8.3	9.6	8.2	8.4	7.4	9.4	10.5	11.1%	1.4%
Kazakhstan	1.4	1.7	1.8	2.0	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.8%	0.2%
Lithuania	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	14.7%	♦
Netherlands	†	†	†	†	†	†	†	†	†	†	†	-3.7%	♦
Norway	27.6	32.2	27.4	29.4	24.0	24.7	30.9	27.1	30.6	31.8	28.8	-9.3%	3.9%
Poland	1.0	0.9	1.0	0.9	0.7	0.8	0.9	0.7	0.7	0.6	0.7	10.1%	0.1%
Portugal	1.7	2.7	3.3	1.9	3.6	2.3	1.2	2.6	2.3	1.7	2.0	21.3%	0.3%
Romania	4.1	3.3	3.4	3.6	3.0	3.7	4.6	4.2	3.6	3.9	3.6	-8.4%	0.5%
Russian Federation	36.4	37.4	39.8	37.2	35.6	40.8	39.6	39.6	40.4	37.7	39.8	5.9%	5.4%
Slovakia	1.1	1.1	1.2	1.2	0.8	1.0	1.1	1.0	1.0	1.0	1.1	11.1%	0.1%
Spain	6.4	7.7	9.3	5.2	9.3	7.2	4.0	5.8	6.2	5.3	6.1	14.7%	0.8%
Sweden	16.2	17.8	17.9	15.0	12.1	12.7	16.5	14.0	15.0	15.6	14.9	-4.4%	2.0%
Switzerland	9.1	8.3	9.4	8.0	7.9	7.6	7.1	7.0	8.0	8.2	8.1	-0.8%	1.1%
Turkey	7.8	7.0	5.4	7.6	8.0	10.4	9.0	10.0	8.1	7.5	8.1	7.6%	1.1%
Turkmenistan	—	—	—	—	—	—	—	—	—	—	—	—	—
Ukraine	3.3	2.6	2.8	2.2	2.1	2.7	2.8	2.9	2.3	2.6	2.7	4.1%	0.4%
United Kingdom	1.2	1.2	0.9	1.1	0.7	1.1	1.1	1.0	1.2	1.2	1.2	1.9%	0.2%
Uzbekistan	1.3	1.3	1.2	1.6	1.7	1.6	1.4	1.4	1.4	1.4	1.4	0.3%	0.2%
Other Europe & Eurasia	16.8	15.9	15.4	15.1	16.1	17.2	17.5	16.7	15.4	15.4	16.1	4.7%	2.2%
Total Europe & Eurasia	183.2	188.6	189.4	176.3	169.0	179.8	180.3	177.1	179.3	181.0	182.0	0.8%	24.6%
Iran	1.2	0.9	0.9	1.8	2.2	2.7	3.0	4.2	4.1	1.7	1.3	-21.0%	0.2%
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Middle East	0.9	1.0	1.0	1.1	1.0	1.3	1.1	1.2	1.1	1.1	1.1	0.4%	0.2%
Total Middle East	2.0	1.8	1.9	2.9	3.2	4.0	4.1	5.4	5.1	2.8	2.4	-12.5%	0.3%
Algeria	†	†	†	†	0.1	0.1	0.1	†	0.1	0.1	0.1	10.9%	♦
Egypt	3.4	3.2	3.3	3.2	2.9	2.9	2.9	3.5	3.5	3.3	3.1	-5.1%	0.4%
South Africa	0.2	0.3	0.5	0.5	0.2	0.2	0.2	0.3	0.6	0.2	0.2	44.5%	♦
Other Africa	13.7	13.4	14.1	15.2	15.5	16.7	17.3	17.9	18.2	18.8	18.5	-1.1%	2.5%
Total Africa	17.3	17.0	17.8	18.9	18.7	19.8	20.5	21.2	22.3	22.3	22.0	-1.3%	3.0%
Australia	3.6	3.6	3.6	3.6	3.7	3.6	3.6	3.2	2.7	2.7	2.6	-3.1%	0.4%
Bangladesh	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.9%	♦
China	46.1	50.3	62.8	65.2	64.2	80.0	89.8	98.6	109.8	132.4	139.3	5.5%	18.8%
China Hong Kong SAR	—	—	—	—	—	—	—	—	—	—	—	—	—
India	18.6	17.4	16.3	15.5	15.7	19.0	22.0	25.4	27.7	26.0	24.0	-7.4%	3.2%
Indonesia	2.1	2.3	2.6	2.3	2.1	2.2	2.4	2.2	2.6	2.6	2.7	4.8%	0.4%
Japan	18.9	18.5	18.6	18.9	21.1	21.1	17.3	19.6	16.9	16.8	16.7	-0.5%	2.3%
Malaysia	1.7	1.7	1.5	1.2	1.3	1.3	1.2	1.6	1.5	2.0	2.0	0.8%	0.3%
New Zealand	5.2	5.5	4.9	5.6	5.3	6.1	5.3	5.3	5.3	5.1	5.5	8.7%	0.7%
Pakistan	4.9	4.0	4.1	4.6	5.8	5.5	6.9	6.8	7.1	6.1	6.2	1.7%	0.8%
Philippines	1.8	1.8	1.6	1.6	1.8	1.9	1.9	2.2	1.9	2.2	2.2	-1.0%	0.3%
Singapore	—	—	—	—	—	—	—	—	—	—	—	—	—
South Korea	0.9	0.9	0.5	0.7	1.1	1.0	0.8	0.8	0.8	0.7	0.7	-0.3%	0.1%
Taiwan	1.1	1.0	1.1	0.6	0.7	0.7	0.9	0.9	1.0	0.9	0.8	-12.7%	0.1%
Thailand	0.8	1.4	1.4	1.7	1.7	1.4	1.3	1.8	1.8	1.6	1.5	-4.9%	0.2%
Other Asia Pacific	7.8	8.2	9.1	8.9	9.5	9.3	8.9	10.2	10.8	11.7	12.6	8.1%	1.7%
Total Asia Pacific	113.6	116.7	128.4	130.7	134.2	153.2	162.6	179.5	190.8	211.1	217.1	3.1%	29.3%
Total World	592.9	600.1	585.9	596.9	596.5	633.1	658.5	684.3	696.3	731.4	740.3	1.5%	100.0%
of which: European Union	79.3	81.9	85.9	72.6	70.7	72.3	69.6	69.7	70.1	73.1	73.9	1.4%	10.0%
OECD	305.8	305.0	282.8	287.3	281.9	285.7	287.8	291.3	285.4	301.9	298.8	-0.7%	40.4%
Former Soviet Union	51.5	52.1	54.2	52.0	51.2	56.9	56.0	55.6	56.3	53.1	55.3	4.6%	7.5%
Other EMEs	235.6	243.1	248.9	257.6	263.4	290.6	314.7	337.4	354.6	376.5	386.1	2.8%	52.2%

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

†Less than 0.05%.

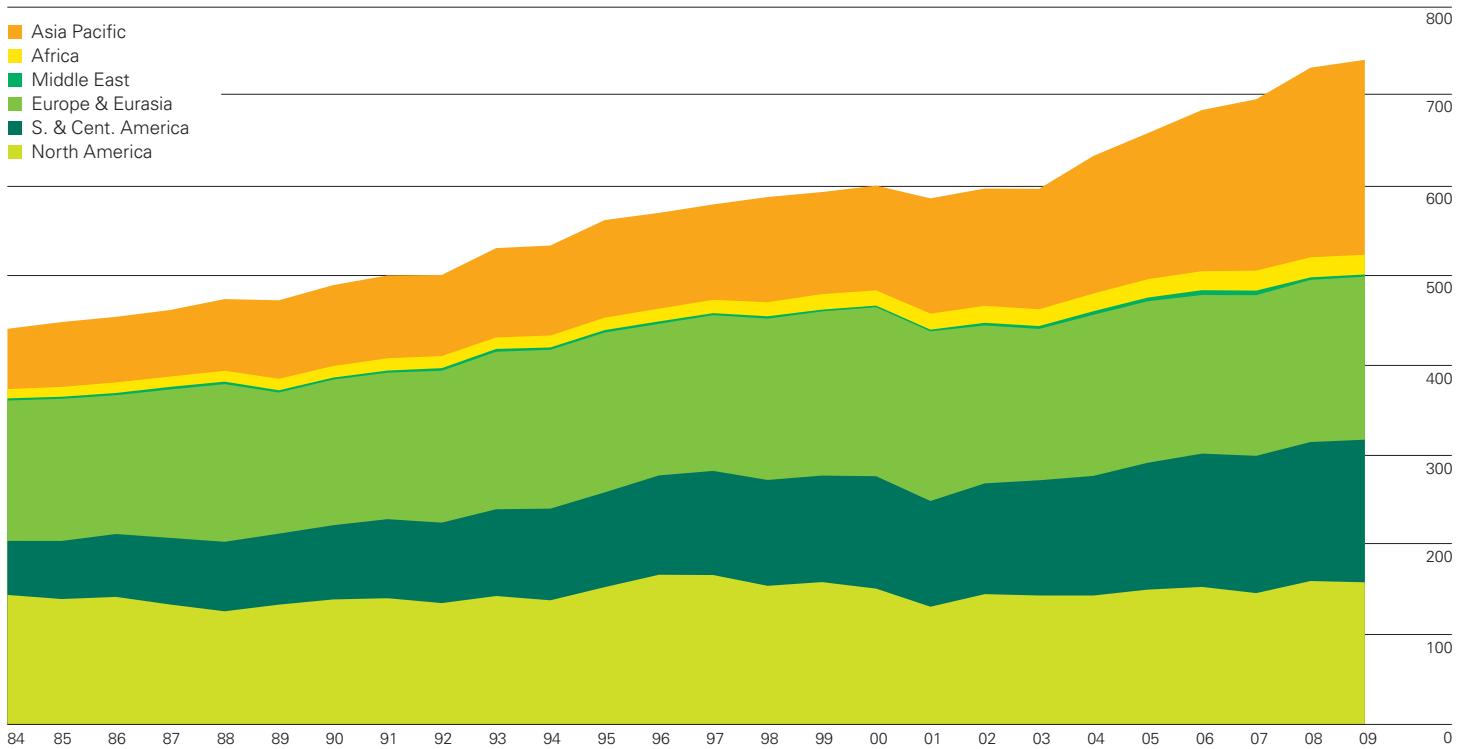
◆Less than 0.05%.

Notes: Growth rates are adjusted for leap years.

Hydroelectricity data expressed in terawatt-hours is available at www.bp.com/statisticalreview.

Consumption by region

Million tonnes oil equivalent



Hydroelectric output grew by a below-average 1.5%, which was nonetheless sufficient to make it the world's most rapidly-growing major fuel in 2009. Growth was led by China, Brazil and the US.

① Primary energy

Consumption*

Million tonnes oil equivalent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 2009 over 2008	2009 share of total
US	2257.6	2309.5	2254.9	2289.2	2295.0	2341.4	2342.2	2323.1	2361.5	2302.4	2182.0	-5.0%
Canada	290.9	300.4	296.1	301.0	310.1	313.0	323.1	320.1	326.8	335.3	319.2	-4.6%
Mexico	131.7	137.4	136.8	138.1	144.7	147.9	153.4	160.3	163.5	166.4	163.2	-1.7%
Total North America	2680.2	2747.3	2687.9	2728.3	2749.8	2802.3	2818.6	2803.6	2851.8	2804.1	2664.4	-4.7%
Argentina	57.5	58.9	57.7	54.3	58.7	61.9	66.4	69.9	73.0	74.9	73.3	-1.9%
Brazil	178.5	182.9	179.7	183.6	186.0	193.2	198.1	205.2	219.6	227.8	225.7	-0.6%
Chile	22.9	23.9	24.4	24.7	25.1	26.4	27.8	29.0	29.2	28.7	28.1	-1.9%
Colombia	25.2	25.5	24.9	24.8	25.4	26.3	27.9	29.1	28.9	29.1	29.0	♦ 0.3%
Ecuador	7.9	7.8	7.8	7.8	8.0	8.3	9.4	10.5	11.4	12.4	12.4	0.6%
Peru	11.7	11.9	11.7	11.8	11.6	12.4	13.0	13.2	14.4	15.7	16.6	6.2%
Venezuela	59.8	61.9	65.2	66.1	58.5	65.6	68.3	74.2	74.5	74.5	73.6	-0.9%
Other S. & Cent. America	81.4	84.2	86.4	89.5	94.2	93.1	95.7	102.7	105.0	105.9	104.1	-1.4%
Total S. & Cent. America	444.8	456.9	457.8	462.6	467.5	487.4	506.7	533.9	556.1	568.9	562.9	-0.8%
Austria	32.1	31.8	32.9	32.8	33.7	33.0	33.7	32.7	32.1	32.2	32.0	-0.3%
Azerbaijan	11.0	11.4	11.1	10.9	11.8	12.7	13.8	13.6	12.2	12.3	10.2	-16.4%
Belarus	21.0	21.2	21.5	21.7	21.5	23.7	23.7	25.1	24.3	25.8	23.9	-6.9%
Belgium & Luxembourg	63.7	65.9	63.6	64.4	68.1	70.5	71.7	73.1	72.7	70.6	69.4	-1.5%
Bulgaria	18.0	17.8	18.4	18.6	20.0	19.3	19.9	20.6	19.9	19.5	17.4	-10.6%
Czech Republic	38.5	40.0	41.5	41.5	43.6	44.7	44.6	44.2	43.3	41.7	39.6	-4.7%
Denmark	19.8	18.8	18.6	18.4	19.6	18.3	17.4	19.5	18.1	17.2	16.1	-5.8%
Finland	25.7	26.0	26.4	26.7	28.9	28.6	26.2	27.5	27.5	26.8	25.0	-6.5%
France	250.7	253.5	257.6	254.5	258.4	262.7	260.1	257.8	254.8	255.5	241.9	-5.1%
Germany	327.7	329.5	335.2	329.1	330.9	329.1	323.6	327.8	309.2	310.3	289.8	-6.4%
Greece	30.2	31.9	31.9	32.8	32.5	34.1	33.8	34.6	34.6	34.3	32.7	-4.4%
Hungary	23.7	23.0	24.1	23.4	24.1	24.0	25.5	25.2	24.7	24.3	22.4	-7.6%
Iceland	2.3	2.4	2.5	2.6	2.6	2.7	2.7	2.7	3.2	3.9	3.9	♦
Republic of Ireland	13.1	13.7	14.6	14.4	14.0	14.4	14.8	15.1	15.4	15.1	13.9	-8.0%
Italy	172.2	174.9	175.6	174.2	179.8	182.8	183.0	181.9	178.7	176.6	163.4	-7.2%
Kazakhstan	35.2	40.9	41.2	43.7	48.6	52.5	57.0	59.5	61.7	66.2	64.4	-2.4%
Lithuania	7.8	7.0	8.1	8.6	9.1	9.2	8.4	8.1	8.7	8.6	8.2	-4.4%
Netherlands	84.6	87.2	90.2	90.4	91.2	94.1	95.8	95.7	97.1	95.5	93.3	-2.1%
Norway	41.5	45.9	41.0	42.9	38.3	39.0	45.1	41.5	45.1	46.1	42.5	-7.5%
Poland	91.1	88.4	88.6	87.1	88.5	90.9	90.7	94.4	95.1	94.3	92.3	-1.9%
Portugal	23.3	24.8	25.0	25.0	25.3	24.8	24.8	24.4	24.0	22.6	22.3	-1.0%
Romania	36.9	37.0	37.3	38.6	37.8	39.0	39.8	40.6	37.5	38.6	34.6	-10.2%
Russian Federation	608.3	614.3	625.1	626.7	643.0	651.1	649.3	666.5	676.3	680.9	635.3	-6.4%
Slovakia	17.5	18.1	18.6	18.7	18.1	17.6	18.7	18.3	17.6	17.9	16.8	-6.0%
Spain	122.1	128.7	132.4	133.9	140.5	144.9	146.2	146.3	149.3	146.1	132.6	-9.0%
Sweden	51.6	48.6	52.1	48.5	46.2	48.3	50.8	47.7	48.0	47.6	43.2	-9.0%
Switzerland	29.8	29.1	31.1	29.1	28.9	28.5	27.5	28.6	28.3	29.4	29.4	0.4%
Turkey	71.0	76.6	71.5	75.1	79.7	84.3	89.5	95.7	101.2	101.8	93.0	-8.4%
Turkmenistan	13.4	14.5	14.9	15.4	17.0	17.7	18.9	21.8	24.2	22.3	23.0	3.6%
Ukraine	134.6	134.7	134.7	132.3	135.2	137.4	136.1	137.5	135.2	132.5	112.5	-14.8%
United Kingdom	220.6	222.9	225.4	220.3	223.8	225.2	225.2	222.2	214.8	210.9	198.9	-5.4%
Uzbekistan	51.9	49.9	53.2	54.5	50.9	48.3	46.2	45.2	48.9	51.5	51.5	0.3%
Other Europe & Eurasia	67.8	66.7	68.0	70.4	73.7	77.2	77.4	75.2	76.2	77.0	74.4	-3.0%
Total Europe & Eurasia	2758.9	2797.2	2833.8	2827.2	2885.1	2930.7	2941.8	2970.7	2959.7	2955.8	2770.0	-6.0%
Iran	113.5	121.1	127.7	141.4	148.9	155.3	175.9	184.1	188.0	195.3	204.8	5.1%
Kuwait	19.4	20.4	21.4	21.5	24.0	26.4	28.3	27.0	26.9	29.0	31.3	8.0%
Qatar	14.5	11.0	12.6	13.5	15.0	18.1	22.3	23.8	24.6	26.0	27.2	4.9%
Saudi Arabia	113.1	118.2	122.5	126.3	134.9	146.1	155.5	161.7	169.5	183.7	191.5	4.6%
United Arab Emirates	42.0	41.2	48.9	48.9	50.7	53.9	56.9	59.3	65.9	76.5	75.0	-1.7%
Other Middle East	92.5	95.5	98.8	99.8	98.5	104.0	107.9	115.1	117.7	124.9	129.3	3.7%
Total Middle East	395.0	407.4	431.9	451.4	472.0	503.9	546.8	571.0	592.5	635.5	659.0	4.0% 5.9%
Algeria	27.9	26.9	27.9	28.9	30.2	31.3	32.7	33.7	35.6	37.6	39.7	5.9%
Egypt	47.0	49.8	52.6	53.6	56.9	62.4	65.6	69.8	73.9	76.3	3.5%	
South Africa	107.1	107.3	106.1	109.9	116.3	122.5	119.3	121.4	127.2	131.2	126.8	-3.1%
Other Africa	94.7	95.5	98.5	100.5	102.9	109.6	112.9	111.7	117.7	123.3	118.1	-3.9%
Total Africa	276.7	279.4	285.1	292.9	306.4	322.9	327.3	332.4	350.3	365.9	360.8	-1.1% 3.2%
Australia	105.8	106.5	109.7	112.8	111.9	115.5	116.7	122.2	122.3	119.5	119.2	♦ 1.1%
Bangladesh	11.0	12.7	14.1	14.8	15.7	16.6	18.3	18.9	19.8	21.3	22.9	8.2%
China	934.7	967.3	1000.6	1058.3	1229.3	1429.0	1572.2	1724.2	1864.4	2007.4	2177.0	8.7%
China Hong Kong SAR	16.2	16.1	19.4	20.8	21.2	24.4	22.9	24.5	25.5	23.8	23.9	0.6%
India	280.1	295.1	296.5	307.8	316.2	343.9	362.2	378.8	411.0	441.1	468.9	6.6% 4.2%
Indonesia	91.4	96.6	103.0	106.9	109.4	113.0	119.9	115.7	119.4	124.7	128.2	3.1% 1.1%
Japan	502.0	510.2	508.7	505.7	506.2	517.0	519.7	520.4	515.9	508.7	463.9	-8.6% 4.2%
Malaysia	38.1	45.4	47.0	50.4	51.7	50.8	55.9	59.7	60.3	59.0	55.7	-5.4% 0.5%
New Zealand	17.2	17.8	17.7	18.4	18.0	18.5	17.9	18.1	17.8	17.8	17.6	-0.8% 0.2%
Pakistan	43.4	44.3	45.5	47.4	52.4	56.8	58.9	61.8	65.1	64.8	65.8	1.9% 0.6%
Philippines	22.7	22.6	22.7	23.4	24.4	25.1	25.3	23.4	24.7	24.4	24.2	-0.7% 0.2%
Singapore	32.9	35.0	40.6	40.0	38.8	44.0	46.7	51.8	55.1	58.7	60.8	3.8% 0.5%
South Korea	178.4	188.8	193.4	202.2	208.9	214.1	221.5	223.6	232.3	236.1	237.5	0.9% 2.1%
Taiwan	87.4	93.6	93.8	97.2	103.0	106.7	108.6	111.2	115.1	109.2	105.7	-2.9% 0.9%
Thailand	63.3	65.6	68.0	73.4	77.9	83.9	88.8	90.4	92.9	94.1	95.1	1.3% 0.9%
Other Asia Pacific	50.0	53.6	56.4	56.2	58.3	64.1	68.7	72.3	72.0	74.3	80.7	8.9% 0.7%
Total Asia Pacific	2474.5	2571.4	2637.1	2735.8	2943.4	3223.2	3424.2	3616.9	3813.7	3985.0	4147.2	4.4% 37.1%
Total World	9030.0	9259.6	9333.5	9498.2	9824.3	10270.4	10565.4	10828.5	11124.2	11315.2	11164.3	-1.1% 100.0%
of which: European Union	1686.2	1704.6	1733.2	1717.1	1749.4	1771.7	1771.3	1774.4	1739.8	1724.0	1622.6	-5.6% 14.5%
OECD	5236.6	5352.4	5317.7	5353.3	5411.4	5510.1	5545.8	5544.9	5574.8	5507.0	5217.1	-5.0% 46.7%
Former Soviet Union	905.6	915.4	931.7	935.4	960.0	976.9	979.2	1003.1	1018.8	1026.7	954.5	-6.8% 8.5%
Other EMEs	2887.7	2991.8	3084.1	3209.5	3452.9	3783.4	4040.4	4280.4	4530.7	4781.5	4992.7 </	

Consumption by fuel*

Million tonnes oil equivalent	2008						2009					
	Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Total	Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Total
US	888.5	599.5	564.1	192.0	58.2	2302.4	842.9	588.7	498.0	190.2	62.2	2182.0
Canada	101.7	88.4	30.8	21.6	92.9	335.3	97.0	85.2	26.5	20.3	90.2	319.2
Mexico	88.9	59.4	7.2	2.3	8.6	166.4	85.6	62.7	6.8	2.2	6.0	163.2
Total North America	1079.0	747.4	602.1	215.9	159.7	2804.1	1025.5	736.6	531.3	212.7	158.3	2664.4
Argentina	23.8	40.0	1.1	1.6	8.4	74.9	22.3	38.8	1.1	1.8	9.2	73.3
Brazil	104.8	22.7	13.5	3.2	83.6	227.8	104.3	18.3	11.7	2.9	88.5	225.7
Chile	16.7	2.4	4.1	—	5.6	28.7	15.4	3.0	4.1	—	5.6	28.1
Colombia	9.1	6.8	2.8	—	10.4	29.1	8.8	7.8	3.1	—	9.3	29.0
Ecuador	9.4	0.4	—	—	2.6	12.4	9.9	0.4	—	—	2.1	12.4
Peru	7.9	3.1	0.5	—	4.3	15.7	8.5	3.1	0.5	—	4.5	16.6
Venezuela	27.2	27.6	†	—	19.6	74.5	27.4	26.8	†	—	19.5	73.6
Other S. & Cent. America	60.0	24.0	2.0	—	19.8	105.9	59.4	22.9	1.9	—	19.8	104.1
Total S. & Cent. America	258.8	126.9	24.0	4.8	154.4	568.9	256.0	121.2	22.5	4.7	158.4	562.9
Austria	13.5	8.6	2.2	—	7.9	32.2	13.0	8.4	2.3	—	8.3	32.0
Azerbaijan	3.5	8.2	†	—	0.5	12.3	2.8	6.9	†	—	0.5	10.2
Belarus	8.4	17.3	†	—	†	25.8	9.3	14.5	†	—	†	23.9
Belgium & Luxembourg	40.1	15.3	4.8	10.4	0.1	70.6	38.5	15.6	4.6	10.7	0.1	69.4
Bulgaria	4.6	3.0	7.5	3.6	0.8	19.5	4.4	2.2	6.3	3.5	0.9	17.4
Czech Republic	9.9	7.8	17.4	6.0	0.5	41.7	9.7	7.4	15.8	6.1	0.7	39.6
Denmark	8.9	4.1	4.1	—	†	17.2	8.2	4.0	—	—	†	16.1
Finland	10.5	3.6	3.4	5.4	3.9	26.8	9.9	3.2	3.7	5.4	2.9	25.0
France	90.8	39.4	11.9	99.6	13.7	255.5	87.5	38.4	10.1	92.9	13.1	241.9
Germany	118.9	73.1	80.1	33.7	4.5	310.3	113.9	70.2	71.0	30.5	4.2	289.8
Greece	21.4	3.8	8.1	—	0.9	34.3	20.2	3.0	7.9	—	1.6	32.7
Hungary	7.5	10.6	2.8	3.4	†	24.3	7.3	9.1	2.5	3.5	0.1	22.4
Iceland	1.0	—	0.1	—	2.8	3.9	1.0	—	0.1	—	2.8	3.9
Republic of Ireland	9.0	4.5	1.4	—	0.2	15.1	8.0	4.3	1.3	—	0.2	13.9
Italy	80.4	70.0	16.7	—	9.4	176.6	75.1	64.5	13.4	—	10.5	163.4
Kazakhstan	12.4	18.1	34.0	—	1.7	66.2	12.0	17.7	33.0	—	1.7	64.4
Lithuania	3.1	2.9	0.2	2.2	0.2	8.6	2.9	2.5	0.2	2.5	0.3	8.2
Netherlands	51.4	34.7	8.5	0.9	†	95.5	49.4	35.0	7.9	1.0	†	93.3
Norway	9.9	3.9	0.5	—	31.8	46.1	9.7	3.7	0.3	—	28.8	42.5
Poland	25.3	12.5	56.0	—	0.6	94.3	25.5	12.3	53.9	—	0.7	92.3
Portugal	13.6	4.2	3.2	—	1.7	22.6	12.9	3.9	3.6	—	2.0	22.3
Romania	10.4	14.4	7.4	2.5	3.9	38.6	9.9	12.2	6.2	2.7	3.6	34.6
Russian Federation	131.6	374.4	100.4	36.9	37.7	680.9	124.9	350.7	82.9	37.0	39.8	635.3
Slovakia	4.3	5.2	3.7	3.8	1.0	17.9	3.9	5.1	3.6	3.2	1.1	16.8
Spain	77.1	34.8	15.6	13.3	5.3	146.1	72.9	31.1	10.6	12.0	6.1	132.6
Sweden	14.5	0.8	2.0	14.6	15.6	47.6	13.7	1.0	1.6	11.9	14.9	43.2
Switzerland	12.1	2.8	0.1	6.2	8.2	29.4	12.3	2.7	0.1	6.2	8.1	29.4
Turkey	30.9	32.4	30.9	—	7.5	101.8	28.8	28.9	27.2	—	8.1	93.0
Turkmenistan	5.2	17.1	—	—	—	22.3	5.2	17.8	—	—	—	23.0
Ukraine	15.3	54.0	40.3	20.3	2.6	132.5	14.1	42.3	35.0	18.6	2.7	112.5
United Kingdom	77.9	84.4	35.5	11.9	1.2	210.9	74.4	77.9	29.7	15.7	1.2	198.9
Uzbekistan	4.9	43.8	1.4	—	1.4	51.5	4.9	43.9	1.4	—	1.4	51.5
Other Europe & Eurasia	28.3	14.7	16.6	2.0	15.4	77.0	27.6	12.6	16.3	1.8	16.1	74.4
Total Europe & Eurasia	956.7	1024.6	516.7	276.8	181.0	2955.8	913.9	952.8	456.4	265.0	182.0	2770.0
Iran	84.9	107.4	1.3	—	1.7	195.3	83.6	118.5	1.4	—	1.3	204.8
Kuwait	17.5	11.5	—	—	—	29.0	19.2	12.1	—	—	—	31.3
Qatar	7.8	18.2	—	—	—	26.0	8.2	19.0	—	—	—	27.2
Saudi Arabia	111.3	72.4	—	—	—	183.7	121.8	69.7	—	—	—	191.5
United Arab Emirates	23.0	53.5	—	—	—	76.5	21.8	53.2	—	—	—	75.0
Other Middle East	80.2	35.7	7.9	—	1.1	124.9	81.7	38.6	7.9	—	1.1	129.3
Total Middle East	324.8	298.7	9.2	—	2.8	635.5	336.3	311.0	9.2	—	2.4	659.0
Algeria	14.0	22.8	0.7	—	0.1	37.6	14.9	24.0	0.7	—	0.1	39.7
Egypt	32.6	36.8	1.2	—	3.3	73.9	33.7	38.3	1.1	—	3.1	76.3
South Africa	25.1	—	102.8	3.0	0.2	131.2	24.3	—	99.4	2.7	0.2	126.8
Other Africa	71.2	26.9	6.4	—	18.8	123.3	71.2	22.3	6.1	—	18.5	118.1
Total Africa	143.0	86.5	111.1	3.0	22.3	365.9	144.2	84.6	107.3	2.7	22.0	360.8
Australia	42.5	23.0	51.4	—	2.7	119.5	42.7	23.1	50.8	—	2.6	119.2
Bangladesh	4.5	16.1	0.4	—	0.3	21.3	4.5	17.8	0.4	—	0.3	22.9
China	380.3	73.2	1406.1	15.5	132.4	2007.4	404.6	79.8	1537.4	15.9	139.3	2177.0
China Hong Kong SAR	14.5	2.3	7.0	—	—	23.8	14.0	2.3	7.6	—	—	23.9
India	143.6	37.2	230.9	3.4	26.0	441.1	148.5	46.7	245.8	3.8	24.0	468.9
Indonesia	61.9	30.0	30.2	—	2.6	124.7	62.0	33.0	30.5	—	2.7	128.2
Japan	221.9	84.4	128.7	57.0	16.8	508.7	197.6	78.7	108.8	62.1	16.7	463.9
Malaysia	21.8	30.2	5.0	—	2.0	59.0	21.4	28.3	4.0	—	2.0	55.7
New Zealand	7.3	3.4	2.0	—	5.1	17.8	6.8	3.6	1.7	—	5.5	17.6
Pakistan	19.3	33.8	5.3	0.4	6.1	64.8	20.6	34.1	4.3	0.6	6.2	65.8
Philippines	12.2	3.0	7.0	—	2.2	24.4	12.1	3.0	6.8	—	2.2	24.2
Singapore	50.4	8.3	—	—	—	58.7	52.1	8.7	—	—	—	60.8
South Korea	103.1	32.1	66.1	34.2	0.7	236.1	104.3	30.4	68.6	33.4	0.7	237.5
Taiwan	48.3	10.5	40.2	9.2	0.9	109.2	46.6	10.2	38.7	9.4	0.8	105.7
Thailand	43.6	33.6	15.3	—	1.6	94.1	44.2	35.3	14.1	—	1.5	95.1
Other Asia Pacific	22.3	12.3	28.1	—	11.7	74.3	24.1	11.9	32.1	—	12.6	80.7
Total Asia Pacific	1197.5	433.2	2023.4	119.7	211.1	3985.0	1206.2	446.9	2151.6	125.3	217.1	4147.2
Total World	3959.9	2717.3	3286.4	620.2	731.4	11315.2	3882.1	2653.1	3278.3	610.5	740.3	11164.3
of which: European Union	703.4	440.9	293.8	212.7	73.1	1724.0	670.8	413.9	261.3	202.6	73.9	1622.6
OECD	2182.7	1346.9	1159.2	516.2	301.9	5507.0	2072.7	1302.0	1036.3	507.3	298.8	5217.1
Former Soviet Union	192.3	544.2	177.2	60.0	53.1	1026.7	184.1	503.2	153.3	58.6	55.3	954.5
Other EMEs	1584.9	826.3	1950.0	43.9	376.5	4781.5	1625.4	847.9	2088.7	44.6	386.1	4992.7

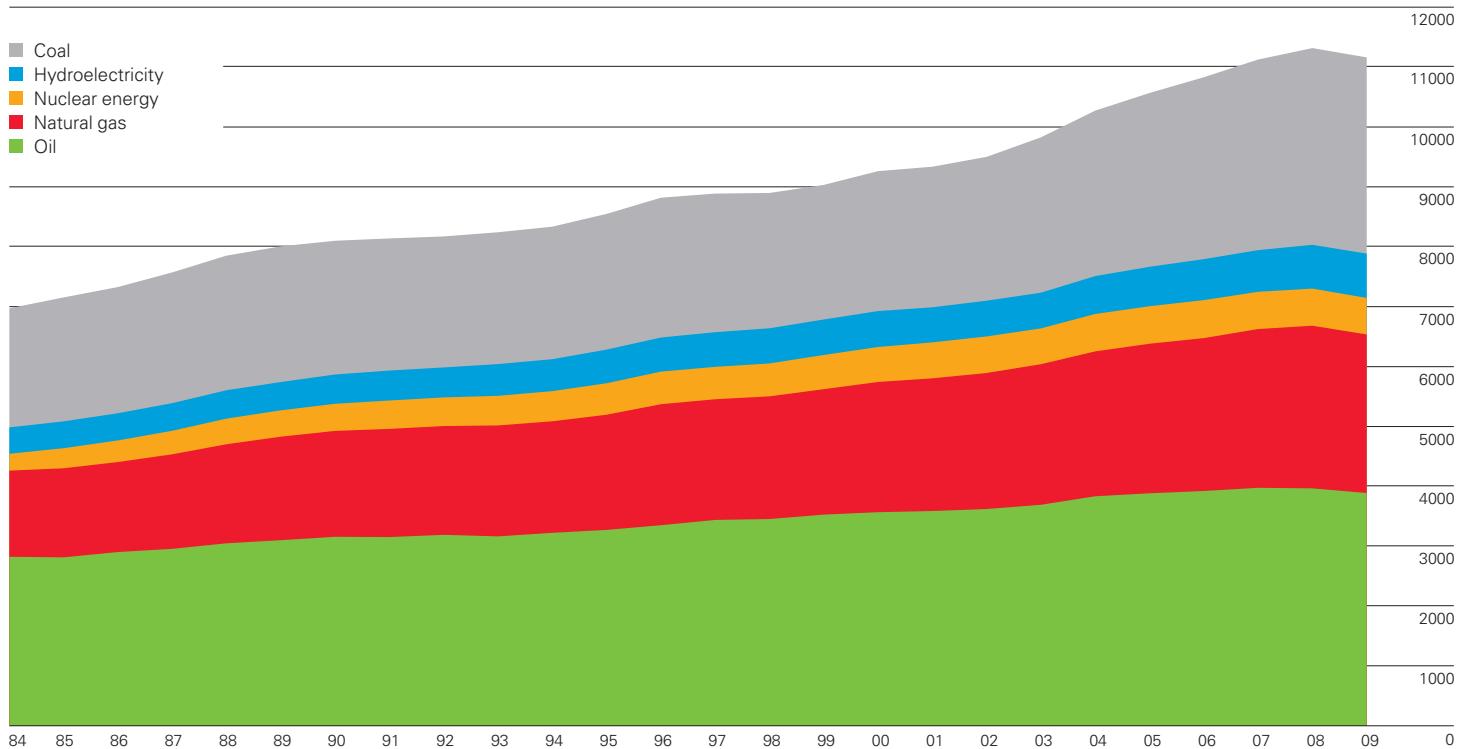
*In this Review, primary energy comprises commercially traded fuels only. Excluded, therefore, are fuels such as wood, peat and animal waste that, although important in many countries, are unreliably documented in terms of consumption statistics. Also excluded are wind, geothermal and solar power generation.

†Less than 0.05.

Note: Oil consumption is measured in million tonnes; other fuels in million tonnes of oil equivalent.

World consumption

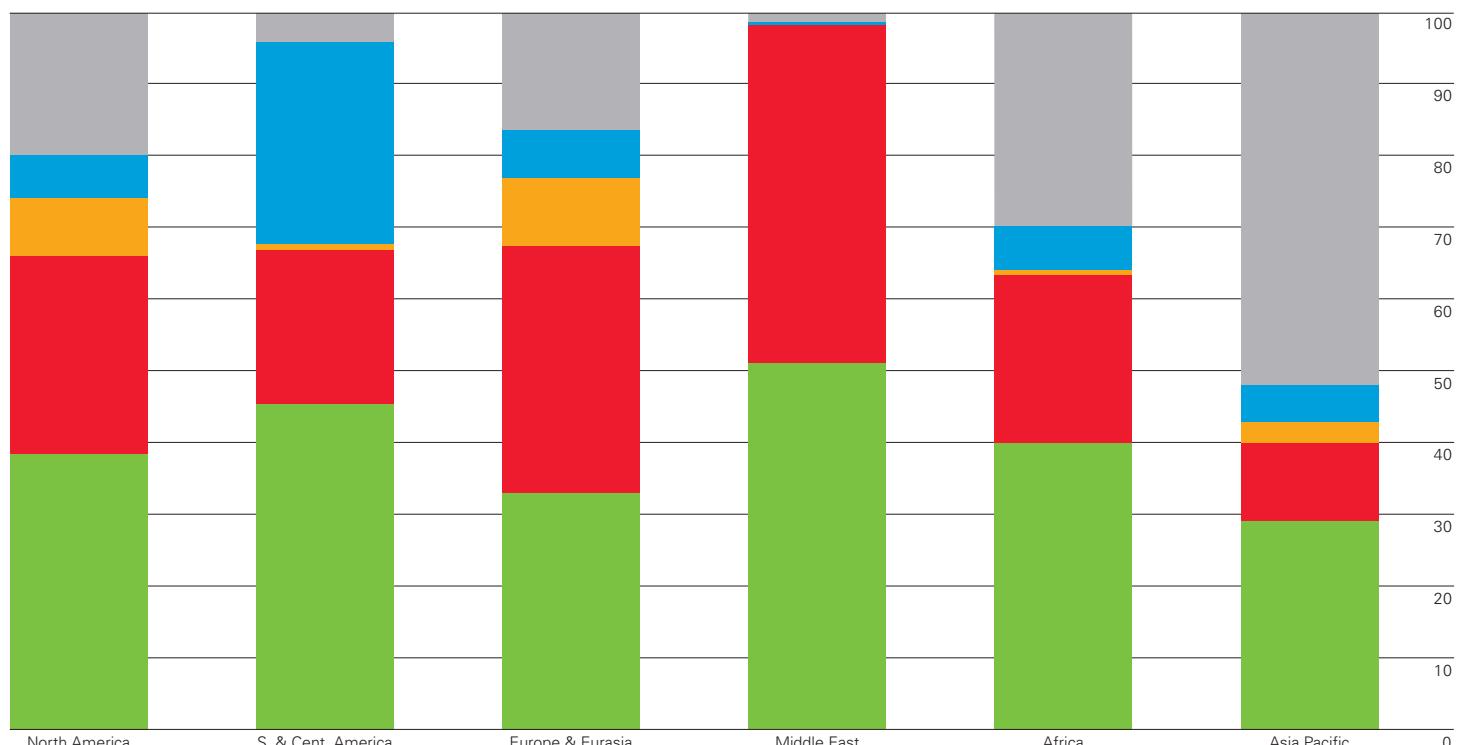
Million tonnes oil equivalent



World primary energy consumption fell by 1.1% in 2009, the first decline since 1982. Consumption was weaker than average in all regions. While oil remains the leading fuel (accounting for 34.8% of global primary energy consumption), it continues to lose market share. Coal's share of global energy consumption was the highest since 1970.

Regional consumption pattern 2009

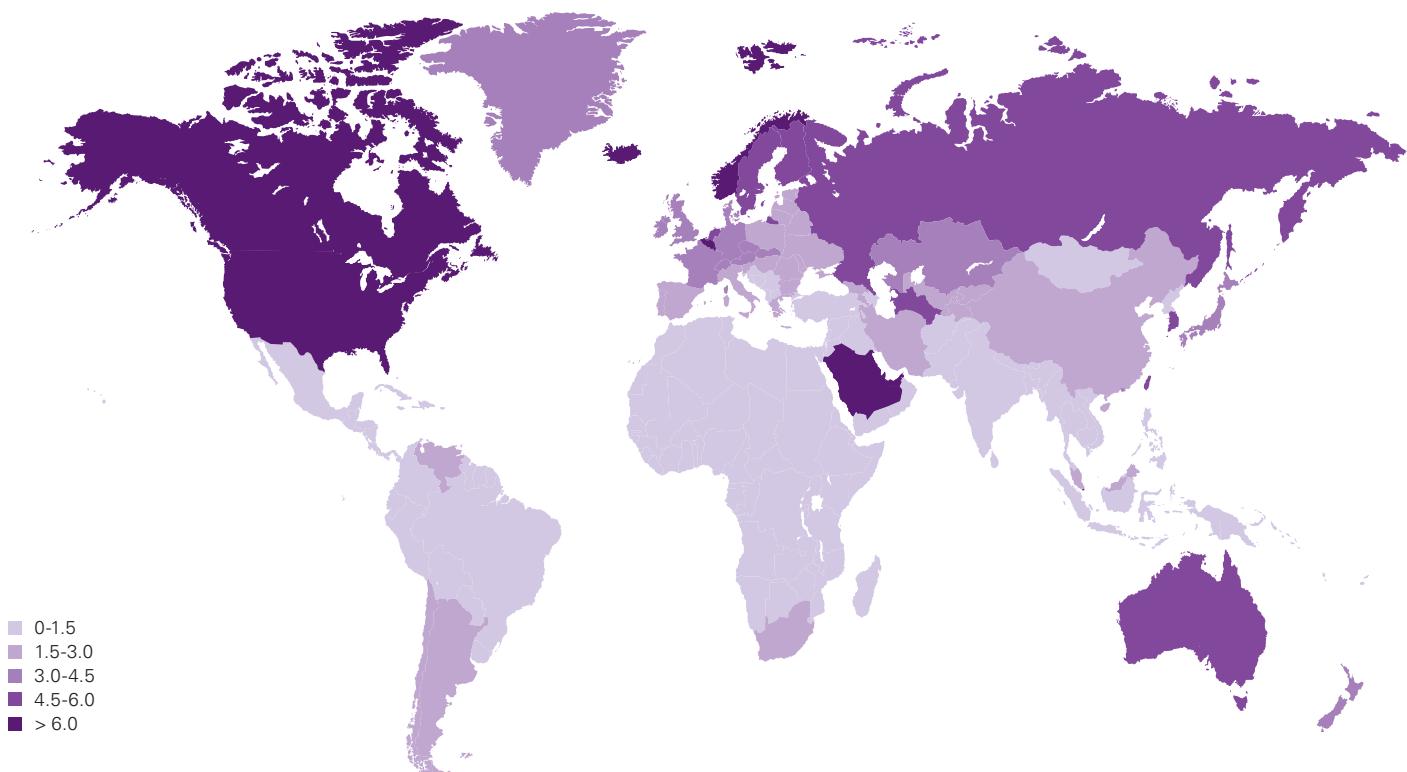
Percentage



Oil remains the world's dominant fuel, although it has lost market share over the past decade – globally and in every region. Natural gas has the leading market share in Europe and Eurasia, while coal is the dominant fuel in Asia Pacific. Regionally, oil and natural gas have the highest market shares in the Middle East; coal in Asia Pacific; and nuclear and hydro in Europe and Eurasia.

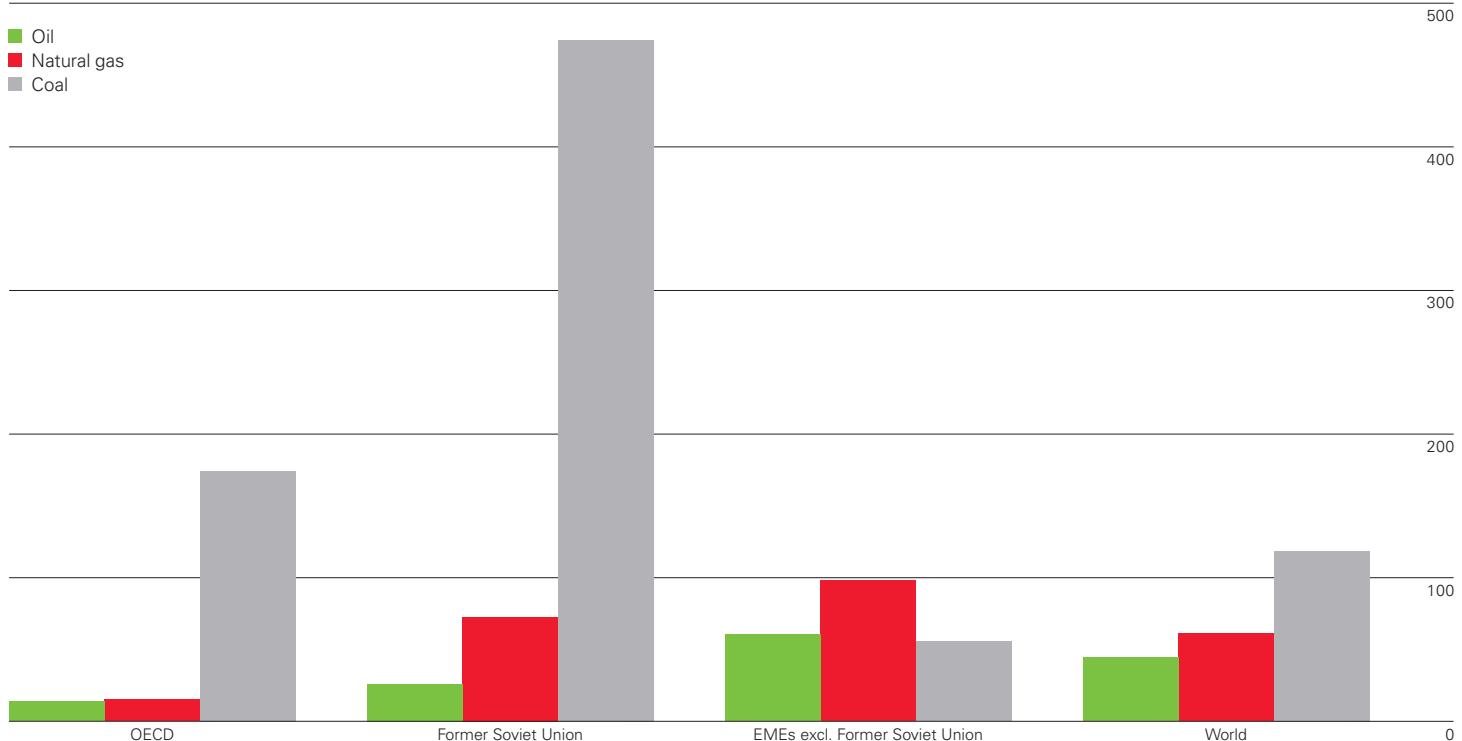
Consumption per capita 2009

Tonnes oil equivalent



Fossil fuel reserves-to-production (R/P) ratios at end 2009

Years



While coal remains the world's most abundant fossil fuel, with an R/P ratio of 119 years, proved reserves of oil and natural gas increased in 2009 and have tended to rise over time. OECD countries account for less than 10% of global proved reserves for oil and natural gas, but 42.6% of proved coal reserves.

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

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 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 and 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, Slovenia.

Former Soviet Union

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

Europe and Eurasia

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

Middle East

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

North Africa

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

West Africa

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

East and Southern Africa

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

Asia Pacific

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

*Special Administrative Region.

Australasia

Australia, New Zealand.

OECD members

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

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

OPEC members

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

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.

North Africa: Algeria, Libya.

West Africa: Angola, Nigeria.

South America: Ecuador, Venezuela.

European Union members

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.

Other EMEs (Emerging Market Economies)

South and Central America, Africa, Middle East, non-OECD Asia, non-OECD Europe.

Methodology

The primary energy values of both nuclear and hydroelectric power generation 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).

Percentages

Calculated before rounding of actuals. All annual changes and shares of totals are on a weight basis except on pages 6, 14, 18, 20 and 22.

Rounding differences

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

Tonnes

Metric equivalent of tons.

More information

Questions on data

BP regrets it is unable to deal with enquiries about the data in *BP Statistical Review of World Energy June 2010*.

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The data in this publication is also available at www.bp.com/statisticalreview. In addition to viewing, data can be downloaded and charted using the charting tool.

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