



Putting energy in the spotlight

BP Statistical Review of World Energy June 2005

About BP

BP is one of the world's largest oil and gas companies, serving about 13 million customers in more than 100 countries across six continents every day. Our business segments are Exploration and Production; Refining and Marketing; and Gas, Power and Renewables. Through these business segments, we provide fuel for transportation, retail brands, and energy for heat and light.

The BP Statistical Review of World Energy has been published for over 50 years. The Review provides high-quality, objective and globally consistent data of the energy markets. A new edition is launched every June.

Find out more online

The BP Statistical Review of World Energy 2005 is available online at www.bp.com/statisticalreview.

Our website contains all data found in the printed edition, plus a number of additions, including:

- the historical series from 1965 for many sections;
- extra tables for natural gas, coal, hydroelectricity, nuclear energy and electricity;
- energy charting tool, where you can view pre-determined reports or chart-specific data according to energy type, region and year;
- oil, natural gas and LNG conversion calculator;
- alternative file formats and a full list of file downloads.

On the cover Alasdair Hutchison, a member of the BP Algeria team that pushed technical limits, maintained safety and environmental standards, and applied shared knowledge to improve productivity at the In Amenas gas reservoir. The team won the 'performance' award at the 2004 BP Helios Awards, which recognize and celebrate the achievements that BP people make to our operations.

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Group chief executive's introduction

2004 was a year of rising energy prices and growing concern in many parts of the world about the security of future supplies.

At \$38 per barrel (Brent), the average oil price for the year was almost \$10 above the 2003 level. The increase was driven mainly by demand growth, particularly in Asia, where Chinese consumption rose by 900,000 barrels per day (b/d) – almost all of which was accounted for by imports. Globally, with economic growth at a 15-year high, demand for oil grew by 2.5 million b/d.

The surge in demand reduced the level of spare capacity from around 3 million b/d in 2003 to as little as 1 million b/d by mid-2004. That tightness, combined with concerns over the continued conflict in the Middle East and instability in a number of other producing countries, led to the increase in prices that continued beyond the end of the year.

Oil demand growth also stretched the international refining system, resulting in large discounts for heavy, sour crudes and the highest refining margins in at least 15 years. High oil prices stimulated substitution, and consumption of natural gas and coal rose by 3.3% and 6.3%, respectively.

Despite this, however, the market operated very effectively. There was no physical supply shortage. New supplies continued to come on stream in Russia, West Africa and in parts of OPEC, largely in response to the increase in investment in exploration, development

and infrastructure that has occurred over the last five years. More new supplies are due on stream this year. Working in co-operation, the industry – public and private – has once again demonstrated its ability to provide for the world's growing energy needs.

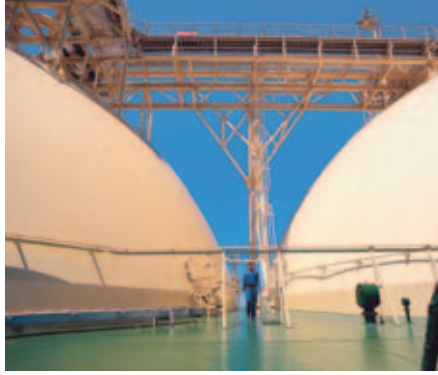
With oil prices at their current level, concern about what is going to happen in the energy market is inevitable. Energy is essential to the functioning of complex modern societies. Good data is essential to an understanding of what is happening. This 54th edition of the Statistical Review again sets out the facts. The Review and all supporting data are available on our website at www.bp.com/statisticalreview.

I would like to thank all those across the world whose co-operation and support make this publication possible.

A handwritten signature in black ink, appearing to read 'The Lord Browne of Madingley'. The signature is written in a cursive, flowing style with a long horizontal line extending from the end.

The Lord Browne of Madingley
Group Chief Executive
June 2005

The data series for proved oil and gas reserves in this year's Statistical Review does not necessarily meet the US Securities and Exchange Commission or UK GAAP definitions, guidelines or recommended practices for determining proved reserves 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. In addition, oil reserves include more comprehensive data on condensate and natural gas liquids. Canadian oil sands 'under active development' have also been included in proved oil reserves.



A BP tanker transports liquefied natural gas. A cleaner alternative to coal or oil, natural gas now accounts for around 24% of world energy production and at the end of 2004 accounted for over 60% of BP's total energy sales.



Transporting coal by rail. Around the world, coal remains an important energy source for countries that include China, now the world's largest producer, as well as India, the Russian Federation and the USA.

2004 in review

2004 was the second consecutive year of high growth in global energy markets. A buoyant world economy contributed to the strongest growth rate in global primary energy consumption since 1984. In 2004, consumption of all fuels grew at above 10-year average rates. This strength in turn pushed prices for oil, natural gas and coal to record (nominal) levels.

Energy developments

Primary energy consumption increased by 4.3% in 2004. The strongest rise was in Asia Pacific, up by 8.9%, while North America recorded the weakest growth at 1.6%. Coal remained the fastest growing fuel, rising 6.3% globally. Oil consumption grew by 3.4%, the most rapid rate since 1986. Natural gas use rose by 3.3%. Hydroelectric and nuclear generation also experienced strong growth, rising 5% and 4.4%, respectively.

Oil

The Brent dated oil price averaged \$38.27 per barrel in 2004. Prices began to rise in February and then accelerated through the summer before peaking at just above \$52 per barrel in late October. Limited capacity to refine growing volumes of heavy, sour crude resulted in widening differentials vis-à-vis Brent.

Oil consumption growth in 2004 was the largest in volume terms since 1976. Consumption grew by almost 2.5 million barrels per day (b/d), more than double the 10-year average rate. Chinese oil consumption rose by nearly 900,000 b/d, or just under 16%. Growth was a global phenomenon, with consumption in all regions rising above the 10-year average rate on the back of a strong world economy.

Global oil production exceeded 80 million b/d for the first time in 2004. OPEC continued to gain market share as output rose by 2.2 million b/d, or 7.7%, to 32.9 million b/d. Iraqi and Venezuelan supplies rebounded, but remained below previous peaks. Saudi Arabian output reached a record 10.6 million b/d.

Oil production outside OPEC increased by 965,000 b/d in 2004, some 200,000 b/d above the 10-year average. Russia once again was the leading contributor, with output rising nearly 750,000 b/d, although growth slowed later in the year. Angola, Chad, Ecuador, Equatorial Guinea and Kazakhstan all registered growth of more than 100,000 b/d. The largest declines were once again in the UK, down by 230,000 b/d, and the USA, down by 160,000, where Hurricane Ivan caused late-year losses.



With a global network of over 28,500 retail outlets, such as this 24-hour service station in Poland, BP offers consumers environmentally efficient fuels and lubricants as well as a range of foods and convenience products.



At 175 metres in height, the Revelstoke dam on the Columbia River in Canada generates up to 1,980 megawatts of power. Canada is among the largest producers of hydroelectricity with 67,000 megawatts installed generated electricity.

Natural gas

World natural gas consumption grew by 3.3% in 2004, compared with a 10-year average of 2.3%. Consumption in the USA, the world's largest market, stagnated in the face of high prices and industrial restructuring. Outside the USA, gas consumption rose by 4%, with the largest gains in Russia, China and the Middle East.

Gas production rose in every region except North America, where US output continued to decline. In Europe, growth in the Netherlands, Russia and Norway more than offset the ongoing decline of UK output.

International trade in natural gas increased by 9% in 2004. Pipeline shipments rose by more than 10%. Russia accounted for the largest increment, but growth was widely distributed across the world. Shipments of liquefied natural gas (LNG) rose by 5.4% last year below the 2003 growth rate. Algerian exports fell by 8% because of an accident at the Skikda liquefaction plant. US LNG imports continued to rise rapidly, up 29%, while Japanese imports declined by 3.5% as nuclear plants returned to operation following shutdowns in 2003.

Other fuels

World coal consumption rose by 6.3% in 2004, with China accounting for 75% of the increase. Excluding China, global consumption grew, but at a slower rate than in 2003. Coal consumption declined slightly in Europe and was flat in North America, as higher coal prices discouraged continued switching away from gas; but growth elsewhere remained strong, especially in Asia Pacific excluding China, up by 7.4%.

Nuclear power consumption increased by 4.4% globally in 2004, after registering a rare decline in 2003, with the recovery in Japan accounting for 50% of the growth. US nuclear output also recovered following a decline in 2003. Global hydroelectric generation rose by 5% after stagnating in 2003. Growth was particularly strong in China, up 16.6%, as new capacity came on line, and in Europe and Eurasia, up 5.7%, with recovery from drought.

Acknowledgements

We express our gratitude to our numerous contacts worldwide who provide the basic data for this publication.


Proved reserves

	At end 1984 Thousand million barrels	At end 1994 Thousand million barrels	At end 2003 Thousand million barrels	Thousand million tonnes	At end 2004		R/P ratio
					Thousand million barrels	Share of total	
USA	36.1	29.6	29.4	3.6	29.4	2.5%	11.1
Canada	9.4	10.4	16.8	2.4	16.8	1.4%	14.9
Mexico	56.4	49.8	16.0	2.0	14.8	1.2%	10.6
Total North America	101.9	89.8	62.2	8.0	61.0	5.1%	11.8
Argentina	2.3	2.3	2.7	0.4	2.7	0.2%	9.7
Brazil	2.0	5.4	10.6	1.5	11.2	0.9%	19.9
Colombia	1.1	3.1	1.5	0.2	1.5	0.1%	7.6
Ecuador	1.1	3.5	5.1	0.7	5.1	0.4%	25.8
Peru	0.7	0.8	0.9	0.1	0.9	0.1%	27.3
Trinidad & Tobago	0.6	0.6	0.8	0.1	1.0	0.1%	17.5
Venezuela	28.0	64.9	77.2	11.1	77.2	6.5%	70.8
Other S. & Cent. America	0.5	1.0	1.5	0.2	1.5	0.1%	26.9
Total S. & Cent. America	36.3	81.5	100.3	14.4	101.2	8.5%	40.9
Azerbaijan	n/a	n/a	7.0	1.0	7.0	0.6%	60.2
Denmark	0.5	0.8	1.3	0.2	1.3	0.1%	9.2
Italy	0.6	0.7	0.8	0.1	0.7	0.1%	19.3
Kazakhstan	n/a	n/a	39.6	5.4	39.6	3.3%	83.6
Norway	4.9	9.6	10.1	1.3	9.7	0.8%	8.3
Romania	1.5	1.0	0.5	0.1	0.5	♦	10.8
Russian Federation	n/a	n/a	71.2	9.9	72.3	6.1%	21.3
Turkmenistan	n/a	n/a	0.5	0.1	0.5	♦	7.4
United Kingdom	6.0	4.3	4.5	0.6	4.5	0.4%	6.0
Uzbekistan	n/a	n/a	0.6	0.1	0.6	♦	10.6
Other Europe & Eurasia	83.2	63.9	2.5	0.3	2.5	0.2%	13.8
Total Europe & Eurasia	96.7	80.3	138.6	19.0	139.2	11.7%	21.6
Iran	58.9	94.3	133.3	18.2	132.5	11.1%	88.7
Iraq	65.0	100.0	115.0	15.5	115.0	9.7%	*
Kuwait	92.7	96.5	99.0	13.6	99.0	8.3%	*
Oman	3.9	5.1	5.6	0.8	5.6	0.5%	19.4
Qatar	4.5	3.5	15.2	2.0	15.2	1.3%	42.0
Saudi Arabia	171.7	261.4	262.7	36.1	262.7	22.1%	67.8
Syria	1.4	2.7	2.4	0.4	3.2	0.3%	16.1
United Arab Emirates	32.5	98.1	97.8	13.0	97.8	8.2%	*
Yemen	0.1	0.1	2.9	0.4	2.9	0.2%	18.2
Other Middle East	0.2	0.1	0.1	†	0.1	♦	4.6
Total Middle East	430.8	661.7	733.9	100.0	733.9	61.7%	81.6
Algeria	9.0	10.0	11.8	1.5	11.8	1.0%	16.7
Angola	2.1	3.0	8.8	1.2	8.8	0.7%	24.3
Chad	–	–	0.9	0.1	0.9	0.1%	14.6
Rep. of Congo (Brazzaville)	0.8	1.4	1.4	0.3	1.8	0.2%	20.3
Egypt	4.0	3.9	3.5	0.5	3.6	0.3%	13.8
Equatorial Guinea	–	0.3	1.3	0.2	1.3	0.1%	10.0
Gabon	0.6	1.4	2.3	0.3	2.3	0.2%	26.6
Libya	21.4	22.8	39.1	5.1	39.1	3.3%	66.5
Nigeria	16.7	21.0	35.3	4.8	35.3	3.0%	38.4
Sudan	0.3	0.3	6.3	0.9	6.3	0.5%	57.3
Tunisia	1.8	0.3	0.5	0.1	0.6	0.1%	25.2
Other Africa	1.0	0.6	0.6	0.1	0.5	♦	8.6
Total Africa	57.8	65.0	111.8	14.9	112.2	9.4%	33.1
Australia	2.9	3.9	4.0	0.5	4.0	0.3%	20.4
Brunei	1.5	1.2	1.1	0.1	1.1	0.1%	13.6
China	16.3	16.2	17.1	2.3	17.1	1.4%	13.4
India	3.8	5.8	5.7	0.7	5.6	0.5%	18.6
Indonesia	9.6	5.0	4.7	0.7	4.7	0.4%	11.5
Malaysia	2.9	5.2	4.6	0.6	4.3	0.4%	12.9
Thailand	0.1	0.2	0.5	0.1	0.5	♦	6.3
Vietnam	–	0.6	3.0	0.4	3.0	0.2%	19.0
Other Asia Pacific	1.1	1.0	0.9	0.1	0.9	0.1%	13.2
Total Asia Pacific	38.1	39.2	41.6	5.5	41.1	3.5%	14.2
TOTAL WORLD	761.6	1017.5	1188.3	161.9	1188.6	100.0%	40.5
of which: OECD	118.7	110.6	84.6	10.9	82.9	7.0%	10.9
OPEC	510.0	777.4	891.1	121.5	890.3	74.9%	73.9
Non-OPEC‡	170.6	177.7	177.5	23.8	177.4	14.9%	13.5
Former Soviet Union	81.0	62.4	119.7	16.5	120.8	10.2%	28.9

* Over 100 years.

† Less than 0.05.

♦ Less than 0.05%.

‡ Excludes Former Soviet Union.

n/a not available.

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.

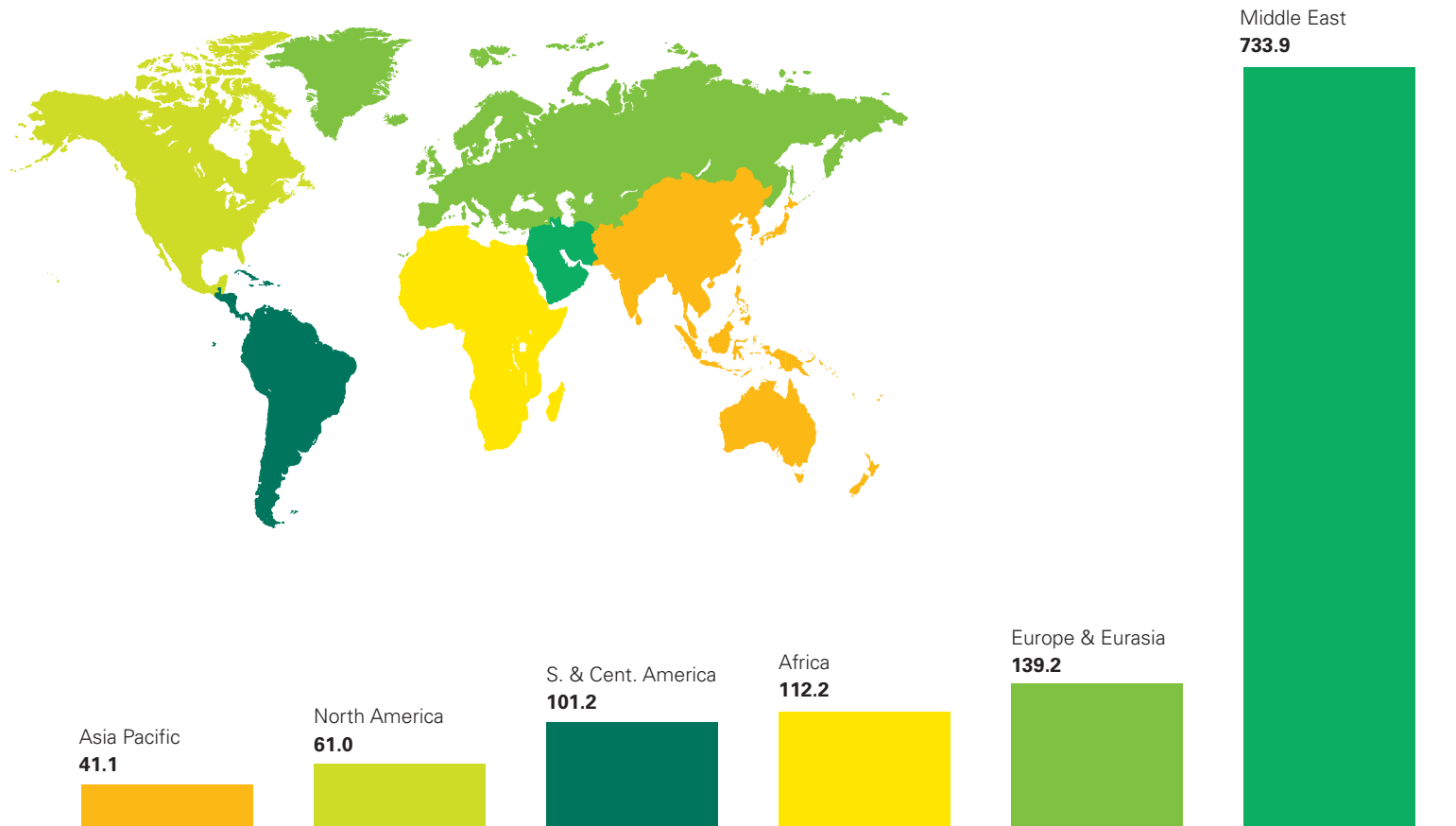
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that level.

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. The reserves figures shown do not necessarily meet the definitions, guidelines and practices used for determining proved reserves at the company level, for instance those published by the US Securities and Exchange Commission or recommended for the purposes of UK GAAP, nor do they necessarily represent BP's view of proved reserves by country. The figure for Canadian oil reserves includes an official estimate of Canadian oil sands 'under active development'. Oil includes gas condensate and natural gas liquids as well as crude oil.

For the purposes of this table, shares of total are calculated using thousand million barrels figures.

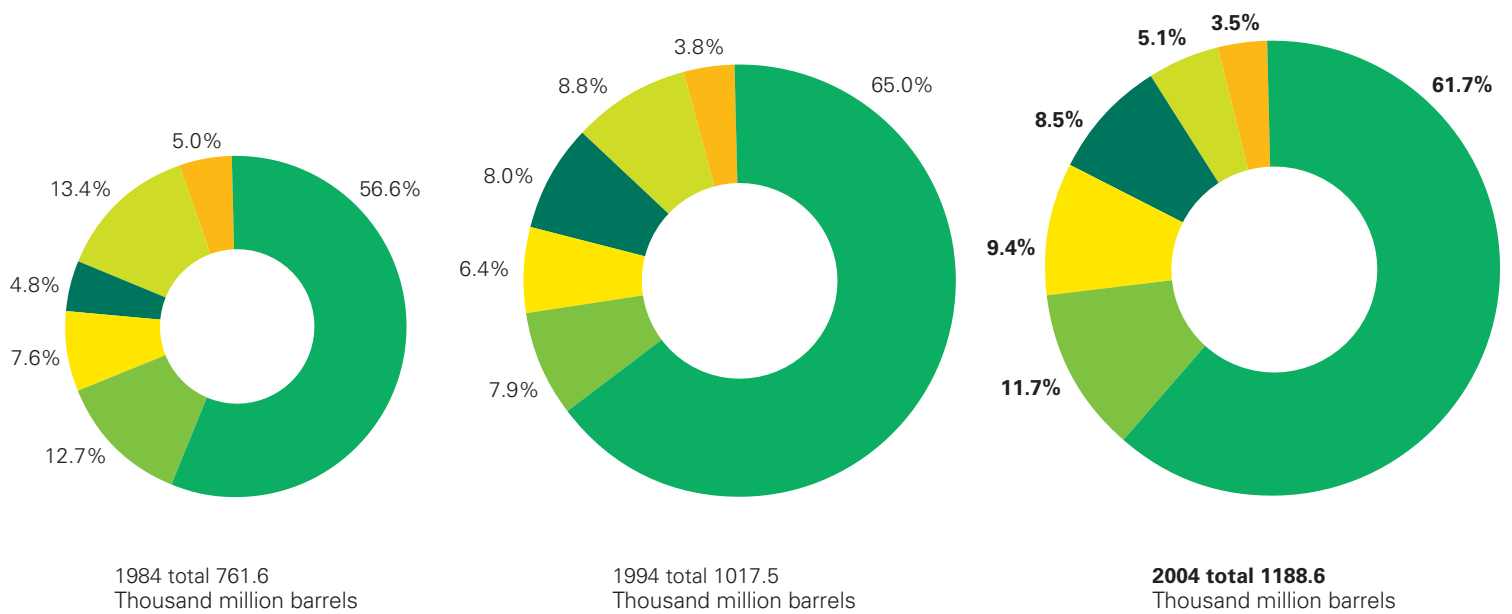
Proved reserves at end 2004

Thousand million barrels



Distribution of proved reserves in 1984, 1994 and 2004

Percentage



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



Production*

Thousand barrels daily	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	8389	8322	8295	8269	8011	7731	7733	7669	7626	7400	7241	-2.5%	8.5%
Canada	2276	2402	2480	2588	2672	2604	2721	2677	2858	3004	3085	3.5%	3.8%
Mexico	3142	3065	3277	3410	3499	3343	3450	3560	3585	3789	3824	1.0%	4.9%
Total North America	13807	13789	14052	14267	14182	13678	13904	13906	14069	14193	14150	-0.3%	17.3%
Argentina	695	758	823	877	890	847	819	830	818	806	756	-5.9%	1.0%
Brazil	693	718	807	868	1003	1133	1268	1337	1499	1555	1542	-0.7%	2.0%
Colombia	460	591	635	667	775	838	711	627	601	564	551	-2.1%	0.7%
Ecuador	388	395	393	397	385	383	409	416	401	427	535	25.8%	0.7%
Peru	128	123	121	120	116	107	100	98	98	92	93	-1.3%	0.1%
Trinidad & Tobago	141	142	141	135	134	141	138	135	155	164	155	-6.1%	0.2%
Venezuela	2752	2959	3137	3321	3510	3248	3321	3233	3218	2622	2980	13.8%	4.0%
Other S. & Cent. America	90	96	102	108	125	122	129	138	155	156	152	-2.8%	0.2%
Total S. & Cent. America	5347	5782	6159	6493	6938	6820	6895	6814	6944	6385	6764	6.2%	8.8%
Azerbaijan	193	185	183	185	230	278	281	300	311	313	318	1.3%	0.4%
Denmark	187	188	207	233	235	301	364	347	372	371	394	6.6%	0.5%
Italy	94	101	104	114	108	96	88	79	106	107	104	-2.2%	0.1%
Kazakhstan	430	434	474	536	537	631	744	836	1018	1111	1295	15.5%	1.6%
Norway	2693	2903	3232	3280	3138	3139	3346	3418	3333	3264	3188	-2.1%	3.9%
Romania	145	145	142	141	137	133	131	130	127	123	119	-3.1%	0.1%
Russian Federation	6419	6288	6114	6227	6169	6178	6536	7056	7698	8544	9285	8.9%	11.9%
Turkmenistan	87	84	90	108	129	143	144	162	182	202	202	0.5%	0.3%
United Kingdom	2675	2749	2735	2702	2807	2909	2667	2476	2463	2257	2029	-10.0%	2.5%
Uzbekistan	124	172	174	182	191	191	177	171	171	166	152	-7.8%	0.2%
Other Europe & Eurasia	609	576	548	526	507	475	467	467	503	510	496	-2.7%	0.6%
Total Europe & Eurasia	13657	13825	14003	14233	14188	14475	14944	15443	16284	16968	17583	3.9%	22.0%
Iran	3730	3744	3759	3776	3855	3603	3818	3730	3414	3999	4081	2.3%	5.2%
Iraq	505	530	580	1166	2126	2541	2583	2376	2035	1350	2027	50.8%	2.6%
Kuwait	2085	2130	2129	2137	2176	2000	2104	2092	1861	2238	2424	8.7%	3.1%
Oman	819	868	897	909	905	911	959	961	900	823	785	-4.4%	1.0%
Qatar	451	461	568	719	747	797	855	854	783	917	990	9.0%	1.2%
Saudi Arabia	9084	9127	9265	9481	9544	8911	9511	9263	8970	10222	10584	3.7%	13.1%
Syria	563	596	586	577	576	579	552	585	547	564	536	-4.7%	0.7%
United Arab Emirates	2482	2410	2479	2493	2558	2302	2499	2430	2126	2547	2667	5.2%	3.3%
Yemen	346	351	357	375	380	405	450	471	461	454	429	-5.4%	0.5%
Other Middle East	52	52	50	50	49	48	48	47	48	48	48	0.2%	0.1%
Total Middle East	20118	20270	20669	21684	22916	22097	23378	22808	21145	23163	24571	6.4%	30.7%
Algeria	1324	1327	1386	1421	1461	1515	1578	1562	1681	1857	1933	5.0%	2.1%
Angola	557	633	716	741	731	745	746	742	905	885	991	12.3%	1.3%
Cameroon	115	106	110	124	105	95	88	81	75	68	62	-8.7%	0.1%
Chad	-	-	-	-	-	-	-	-	-	24	168	▲	0.2%
Rep. of Congo (Brazzaville)	185	180	200	225	264	293	275	271	258	243	240	-1.0%	0.3%
Egypt	921	924	894	873	857	827	781	758	751	749	708	-4.9%	0.9%
Equatorial Guinea	5	7	17	60	83	100	119	181	237	249	350	41.0%	0.4%
Gabon	337	356	365	364	337	340	327	301	295	240	235	-2.1%	0.3%
Libya	1431	1439	1452	1489	1480	1425	1475	1425	1376	1488	1607	8.4%	2.0%
Nigeria	1991	1998	2145	2316	2167	2066	2155	2274	2103	2263	2508	10.8%	3.2%
Sudan	2	2	5	9	12	63	174	211	233	255	301	18.4%	0.4%
Tunisia	93	90	89	81	83	84	78	71	75	68	69	2.6%	0.1%
Other Africa	42	51	62	64	63	56	61	64	70	75	92	22.4%	0.1%
Total Africa	7004	7112	7441	7767	7642	7609	7857	7942	8059	8464	9264	10.1%	11.4%
Australia	614	583	619	669	644	625	809	733	731	624	541	-13.9%	0.6%
Brunei	179	175	165	163	157	182	193	203	210	214	211	-1.5%	0.3%
China	2930	2989	3170	3211	3212	3213	3252	3306	3346	3401	3490	2.9%	4.5%
India	708	804	778	800	787	788	780	780	801	800	819	2.8%	1.0%
Indonesia	1589	1578	1580	1557	1520	1408	1456	1389	1288	1183	1126	-4.5%	1.4%
Malaysia	674	724	736	764	815	791	791	786	828	878	912	3.6%	1.0%
Thailand	87	87	97	116	121	132	164	174	191	223	218	-2.2%	0.2%
Vietnam	144	155	179	205	245	296	328	350	354	364	427	17.8%	0.5%
Other Asia Pacific	259	231	246	229	218	219	199	194	192	195	184	-5.1%	0.2%
Total Asia Pacific	7184	7325	7571	7715	7720	7654	7972	7914	7942	7881	7928	0.9%	9.8%
TOTAL WORLD	67116	68103	69895	72158	73586	72333	74950	74828	74443	77054	80260	4.5%	100.0%
of which: OECD	20528	20737	21355	21665	21490	21098	21517	21297	21426	21161	20732	-1.9%	25.3%
OPEC	27424	27702	28479	29876	31143	29816	31354	30628	28855	30686	32927	7.7%	41.1%
Non-OPEC‡	32300	33104	34244	34906	35052	34965	35583	35541	36056	35870	35916	0.4%	44.5%
Former Soviet Union	7391	7297	7171	7377	7391	7551	8013	8659	9533	10499	11417	8.8%	14.4%

*Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids – the liquid content of natural gas where this is recovered separately).

‡Excludes liquid fuels from other sources such as coal derivatives.

‡Excludes Former Soviet Union.

▲More than 100%.

Notes: Annual changes and shares of total are calculated using million tonnes per annum figures rather than thousand barrels daily.

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

**Production***

Million tonnes	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	387.5	383.6	382.1	380.0	368.1	352.6	352.6	349.2	346.9	338.4	329.8	-2.5%	8.5%
Canada	106.4	111.9	115.5	120.7	125.1	121.0	126.9	126.1	135.0	142.7	147.6	3.5%	3.8%
Mexico	154.4	150.5	162.6	169.7	173.5	165.2	171.2	176.6	178.4	188.8	190.7	1.0%	4.9%
Total North America	648.3	646.0	660.1	670.4	666.7	638.8	650.8	651.9	660.2	669.8	668.0	-0.3%	17.3%
Argentina	34.5	37.5	40.8	43.4	44.0	41.8	40.4	41.5	40.9	40.2	37.9	-5.9%	1.0%
Brazil	34.3	35.5	40.2	43.1	49.8	56.3	63.2	66.3	74.4	77.0	76.5	-0.7%	2.0%
Colombia	23.0	29.5	31.8	33.2	38.5	41.6	35.3	31.0	29.7	27.9	27.3	-2.1%	0.7%
Ecuador	19.7	20.1	20.0	20.2	19.6	19.5	20.9	21.2	20.4	21.7	27.3	25.8%	0.7%
Peru	6.3	6.1	6.0	5.9	5.7	5.2	4.9	4.8	4.8	4.5	4.4	-1.3%	0.1%
Trinidad & Tobago	7.1	7.0	7.0	6.7	6.7	7.0	6.8	6.5	7.5	7.9	7.4	-6.1%	0.2%
Venezuela	142.0	152.4	162.2	171.4	181.0	167.0	171.6	166.4	165.4	134.9	153.5	13.8%	4.0%
Other S. & Cent. America	4.3	4.6	5.0	5.3	6.2	6.2	6.6	7.0	7.9	7.9	7.7	-2.8%	0.2%
Total S. & Cent. America	271.2	292.8	312.9	329.1	351.4	344.5	349.6	344.8	351.0	322.0	342.0	6.2%	8.8%
Azerbaijan	9.6	9.2	9.1	9.2	11.4	13.8	14.0	14.9	15.4	15.5	15.7	1.3%	0.4%
Denmark	9.1	9.2	10.1	11.4	11.4	14.7	17.8	16.9	18.1	18.1	19.3	6.6%	0.5%
Italy	4.9	5.2	5.5	6.0	5.6	5.0	4.6	4.1	5.5	5.6	5.4	-2.2%	0.1%
Kazakhstan	20.3	20.6	23.0	25.8	25.9	30.1	35.3	40.1	48.2	52.4	60.5	15.5%	1.6%
Norway	128.6	138.4	154.7	156.2	149.6	149.7	160.2	162.0	157.3	153.0	149.9	-2.1%	3.9%
Romania	7.0	7.0	6.9	6.8	6.6	6.4	6.3	6.2	6.1	5.9	5.7	-3.1%	0.1%
Russian Federation	317.6	310.8	302.9	307.4	304.3	304.8	323.3	348.1	379.6	421.4	458.7	8.9%	11.9%
Turkmenistan	4.2	4.1	4.4	5.4	6.4	7.1	7.2	8.0	9.0	10.0	10.1	0.5%	0.3%
United Kingdom	126.5	129.9	129.7	127.9	132.6	137.4	126.2	116.7	115.9	106.1	95.4	-10.0%	2.5%
Uzbekistan	5.5	7.6	7.6	7.9	8.2	8.1	7.5	7.2	7.2	7.1	6.6	-7.8%	0.2%
Other Europe & Eurasia	29.4	27.7	26.3	25.2	24.3	22.7	22.4	22.3	23.7	24.0	23.4	-2.7%	0.6%
Total Europe & Eurasia	662.6	669.5	680.1	689.0	686.4	699.7	724.8	746.6	786.1	819.1	850.7	3.9%	22.0%
Iran	185.0	185.5	186.6	187.0	190.8	178.1	189.4	184.4	168.6	197.9	202.6	2.3%	5.2%
Iraq	24.8	26.0	28.6	57.1	104.4	124.9	127.3	116.7	99.9	66.1	99.7	50.8%	2.6%
Kuwait	103.4	104.9	105.1	105.1	107.2	98.3	103.9	102.6	91.5	110.2	119.8	8.7%	3.1%
Oman	40.5	42.8	44.4	44.9	44.7	45.0	47.6	47.5	44.5	40.7	38.9	-4.4%	1.0%
Qatar	20.6	21.1	26.2	33.3	34.3	36.0	38.7	38.4	35.1	41.2	44.9	9.0%	1.2%
Saudi Arabia	437.3	438.5	446.3	455.2	457.7	426.2	457.6	442.9	427.3	487.9	505.9	3.7%	13.1%
Syria	28.0	29.6	29.2	28.7	28.6	28.8	27.4	29.0	27.1	28.0	26.7	-4.7%	0.7%
United Arab Emirates	116.6	114.0	117.1	117.1	119.9	107.7	117.3	113.5	99.2	119.6	125.8	5.2%	3.3%
Yemen	16.4	16.7	16.9	17.7	18.0	19.2	21.3	22.3	21.8	21.4	20.3	-5.4%	0.5%
Other Middle East	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	0.2%	0.1%
Total Middle East	974.8	981.4	1002.7	1048.4	1107.9	1066.3	1132.8	1099.5	1017.2	1115.3	1186.6	6.4%	30.7%
Algeria	56.4	56.6	59.3	60.3	61.8	63.9	66.8	65.8	70.9	79.0	83.0	5.0%	2.1%
Angola	27.4	31.2	35.4	36.5	36.0	36.7	36.9	36.6	44.6	43.6	49.0	12.3%	1.3%
Cameroon	5.8	5.4	5.6	6.3	5.3	4.8	4.5	4.1	3.8	3.5	3.2	-8.7%	0.1%
Chad	-	-	-	-	-	-	-	-	-	1.3	8.8	▲	0.2%
Rep. of Congo (Brazzaville)	9.6	9.3	10.4	11.6	13.6	15.1	14.2	14.0	13.3	12.5	12.4	-1.0%	0.3%
Egypt	46.5	46.6	45.1	43.8	43.0	41.4	38.8	37.3	37.0	36.8	35.0	-4.9%	0.9%
Equatorial Guinea	0.2	0.3	0.9	3.0	4.1	5.0	5.9	9.0	11.7	12.3	17.4	41.0%	0.4%
Gabon	16.8	17.8	18.3	18.2	16.9	17.0	16.4	15.0	14.7	12.0	11.8	-2.1%	0.3%
Libya	67.5	67.9	68.6	70.0	69.6	67.0	69.5	67.0	64.7	70.0	75.8	8.4%	2.0%
Nigeria	97.1	97.5	105.0	113.2	106.0	100.8	105.4	110.8	102.3	110.3	122.2	10.8%	3.2%
Sudan	0.1	0.1	0.2	0.4	0.6	3.1	8.6	10.4	11.5	12.6	14.9	18.4%	0.4%
Tunisia	4.4	4.3	4.2	3.8	3.9	4.0	3.7	3.4	3.5	3.2	3.3	2.6%	0.1%
Other Africa	2.0	2.5	3.0	3.1	3.0	2.7	3.0	3.1	3.4	3.6	4.4	22.4%	0.1%
Total Africa	333.9	339.3	355.9	370.3	363.8	361.4	373.6	376.3	381.4	400.6	441.1	10.1%	11.4%
Australia	27.0	25.4	26.9	28.8	27.4	26.7	35.3	31.8	31.6	26.6	22.9	-13.9%	0.6%
Brunei	8.7	8.5	8.0	7.9	7.6	8.9	9.4	9.9	10.2	10.5	10.3	-1.5%	0.3%
China	146.1	149.0	158.5	160.1	160.2	160.2	162.6	164.8	166.9	169.6	174.5	2.9%	4.5%
India	33.3	37.8	36.3	37.3	36.5	36.5	36.1	36.0	37.0	37.0	38.0	2.8%	1.0%
Indonesia	76.9	76.5	76.7	75.7	74.2	68.6	71.5	68.0	63.0	57.7	55.1	-4.5%	1.4%
Malaysia	31.7	34.0	34.4	35.1	36.9	35.6	35.5	35.0	36.7	38.9	40.3	3.6%	1.0%
Thailand	3.5	3.4	3.8	4.5	4.7	5.2	6.6	7.0	7.8	9.2	9.0	-2.2%	0.2%
Vietnam	7.1	7.7	8.9	10.1	12.1	14.6	16.2	17.1	17.3	17.7	20.8	17.8%	0.5%
Other Asia Pacific	12.1	10.8	11.5	10.7	10.2	10.2	9.3	9.1	8.9	9.1	8.6	-5.1%	0.2%
Total Asia Pacific	346.3	352.9	365.1	370.1	369.8	366.4	382.6	378.6	379.3	376.1	379.5	0.9%	9.8%
TOTAL WORLD	3237.1	3282.0	3376.9	3477.3	3546.0	3477.1	3614.0	3597.7	3575.2	3702.9	3867.9	4.5%	100.0%
of which: OECD	966.5	974.6	1006.6	1019.7	1011.4	989.0	1011.2	999.6	1005.5	995.8	976.7	-1.9%	25.3%
OPEC	1327.5	1340.8	1381.7	1445.5	1506.9	1438.5	1519.0	1476.5	1387.8	1474.9	1588.2	7.7%	41.1%
Non-OPEC‡	1545.9	1582.8	1641.8	1669.8	1676.6	1668.8	1701.7	1696.7	1721.2	1714.5	1720.8	0.4%	44.5%
Former Soviet Union	363.7	358.4	353.3	362.0	362.5	369.9	393.3	424.5	466.2	513.6	558.9	8.8%	14.4%

*Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids – the liquid content of natural gas where this is recovered separately).

‡Excludes liquid fuels from other sources such as coal derivatives.

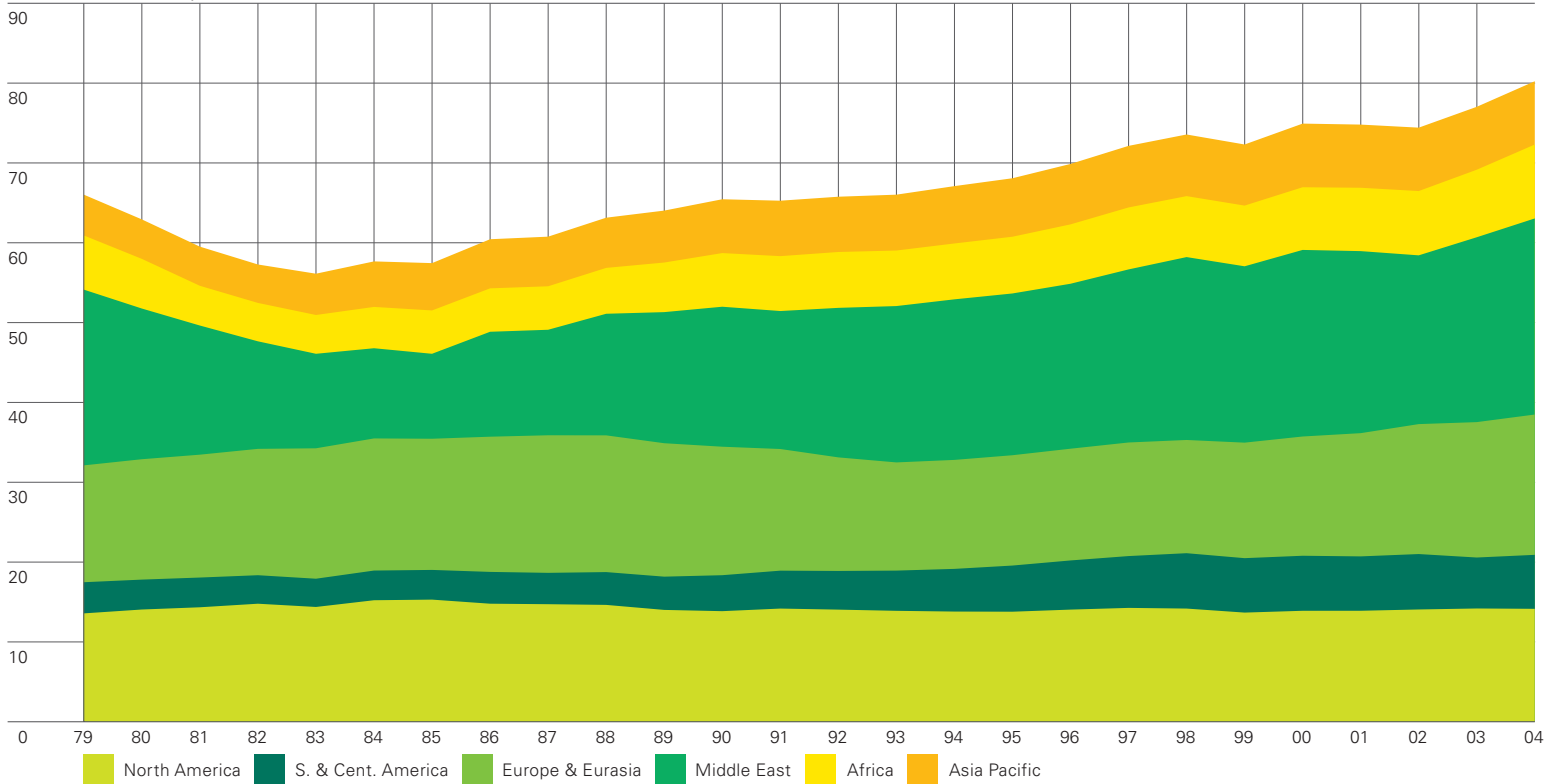
‡Excludes Former Soviet Union.

▲More than 100%.

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

Production by area

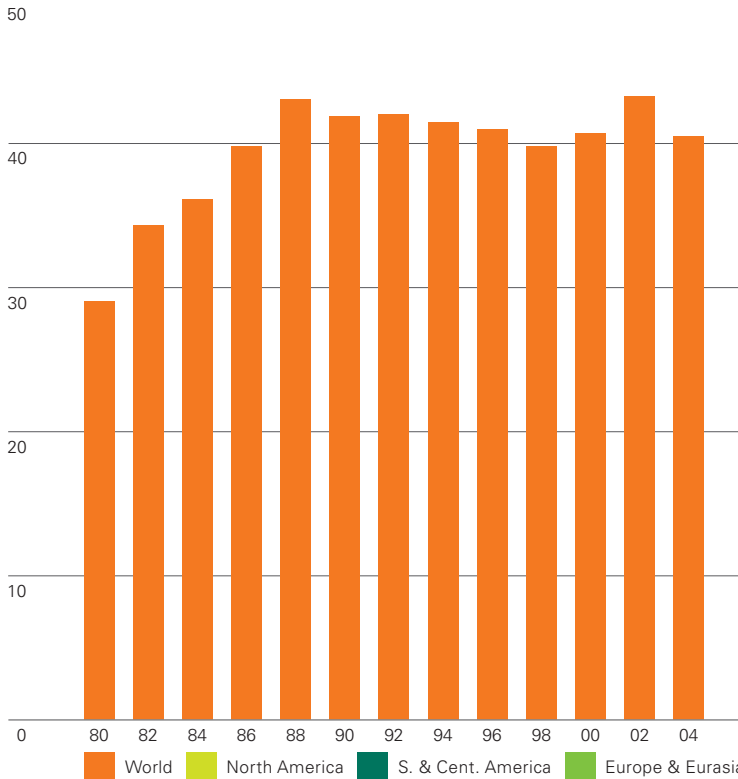
Million barrels daily



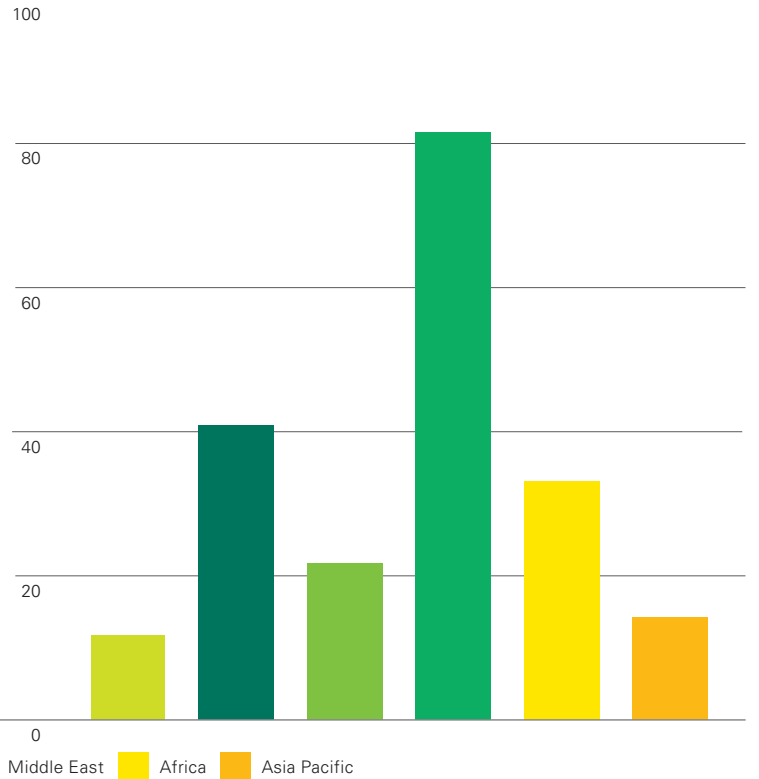
Oil production rose by more than 3 million b/d in 2004, the largest increase since 1976. OPEC output rose by more than 2 million b/d; Russian output also grew strongly.

Reserves-to-production (R/P) ratios

World



2004 by area



The world's oil reserves-to-production ratio fell to 40.5 years in 2004, down from 43.3 in 2002. Reserves have continued to increase and now stand 17% above the 1994 level; production is 20% higher.



Consumption*

Thousand barrels daily	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	17719	17725	18309	18621	18917	19519	19701	19649	19761	20033	20517	2.8%	24.9%
Canada	1742	1776	1818	1888	1913	1926	1937	2023	2067	2131	2206	3.9%	2.6%
Mexico	1772	1650	1666	1767	1844	1842	1884	1899	1837	1885	1896	1.8%	2.3%
Total North America	21232	21150	21793	22275	22674	23286	23522	23571	23665	24049	24619	2.8%	29.8%
Argentina	416	415	432	451	467	445	431	405	364	371	393	6.6%	0.5%
Brazil	1418	1498	1601	1729	1800	1879	1855	1896	1853	1785	1830	2.7%	2.2%
Chile	190	209	228	242	247	249	236	230	225	229	232	1.5%	0.3%
Colombia	246	260	268	272	266	238	232	245	222	222	223	1.2%	0.3%
Ecuador	115	112	125	142	145	131	129	132	131	134	140	4.1%	0.2%
Peru	134	150	155	154	155	159	155	148	147	141	153	9.3%	0.2%
Venezuela	436	446	426	452	475	474	496	545	594	526	577	10.0%	0.7%
Other S. & Cent. America	1022	1044	1065	1098	1128	1129	1125	1138	1148	1172	1192	1.9%	1.5%
Total S. & Cent. America	3976	4136	4300	4539	4683	4704	4659	4739	4684	4580	4739	3.7%	5.9%
Austria	235	234	242	246	255	250	244	265	271	293	284	-3.0%	0.4%
Azerbaijan	163	171	140	120	151	149	124	74	73	84	91	7.3%	0.1%
Belarus	257	247	186	193	167	141	132	118	104	123	150	22.8%	0.2%
Belgium & Luxembourg	556	546	606	629	656	670	702	669	691	748	779	4.5%	1.0%
Bulgaria	118	115	116	92	100	93	84	87	90	93	98	5.2%	0.1%
Czech Republic	149	169	177	170	174	174	169	178	174	185	202	9.6%	0.3%
Denmark	209	217	235	229	223	222	215	205	200	193	189	-1.8%	0.2%
Finland	216	208	216	213	221	224	224	222	226	239	224	-7.0%	0.3%
France	1878	1893	1930	1948	2016	2044	2007	2023	1967	1965	1975	0.9%	2.5%
Germany	2880	2882	2921	2913	2915	2824	2763	2804	2714	2664	2625	-1.2%	3.3%
Greece	346	361	372	379	374	383	406	411	414	404	411	2.0%	0.5%
Hungary	169	159	148	150	157	151	145	142	140	132	136	2.2%	0.2%
Iceland	15	16	16	18	18	18	19	18	19	18	19	4.3%	•
Republic of Ireland	116	118	124	136	152	172	170	185	182	178	181	2.1%	0.2%
Italy	1920	1987	1956	1969	1974	1980	1956	1946	1943	1927	1871	-2.8%	2.4%
Kazakhstan	247	242	204	207	171	141	148	179	187	177	192	9.1%	0.3%
Lithuania	72	64	66	66	76	63	49	56	53	51	52	2.9%	0.1%
Netherlands	792	828	810	856	854	880	897	942	952	962	1003	4.8%	1.2%
Norway	212	212	218	223	215	216	201	213	208	219	209	-3.5%	0.3%
Poland	314	321	368	391	424	431	427	415	420	435	462	7.1%	0.6%
Portugal	253	272	259	293	322	330	324	327	338	317	325	3.3%	0.4%
Romania	226	274	260	276	242	195	203	217	226	199	212	7.0%	0.3%
Russian Federation	3267	2934	2606	2593	2484	2534	2474	2456	2480	2503	2574	3.1%	3.4%
Slovakia	70	69	71	72	80	73	73	68	76	71	74	5.1%	0.1%
Spain	1120	1177	1221	1290	1381	1423	1452	1508	1526	1559	1593	2.8%	2.1%
Sweden	354	338	362	336	338	337	318	318	317	332	319	-3.9%	0.4%
Switzerland	272	253	261	276	279	271	263	281	267	259	258	-0.4%	0.3%
Turkey	553	610	635	646	640	638	677	645	656	668	688	2.4%	0.8%
Turkmenistan	60	54	60	60	68	72	70	74	80	90	98	8.9%	0.1%
Ukraine	398	380	284	277	287	255	240	255	249	309	348	13.0%	0.5%
United Kingdom	1777	1757	1798	1752	1741	1729	1704	1704	1684	1712	1756	2.4%	2.1%
Uzbekistan	145	134	148	135	141	145	136	141	137	121	120	-0.9%	0.2%
Other Europe & Eurasia	392	385	414	457	451	443	437	456	470	495	500	1.4%	0.6%
Total Europe & Eurasia	19752	19625	19430	19610	19743	19671	19452	19602	19533	19726	20017	1.8%	25.4%
Iran	1099	1204	1248	1221	1160	1192	1271	1277	1385	1472	1551	5.1%	1.9%
Kuwait	124	130	126	139	180	202	202	206	222	238	266	12.9%	0.4%
Qatar	33	36	38	41	43	42	44	54	79	77	84	9.1%	0.1%
Saudi Arabia	1287	1227	1286	1342	1443	1455	1485	1500	1522	1629	1728	6.6%	2.1%
United Arab Emirates	353	349	346	345	282	266	243	273	284	296	306	4.0%	0.4%
Other Middle East	1147	1214	1219	1276	1308	1331	1356	1394	1425	1322	1354	2.5%	1.7%
Total Middle East	4044	4160	4263	4364	4417	4488	4601	4704	4919	5034	5289	5.2%	6.7%
Algeria	204	198	187	187	194	187	192	200	222	231	242	5.3%	0.3%
Egypt	437	474	501	531	559	573	564	548	534	550	566	3.0%	0.7%
South Africa	401	427	437	445	451	462	475	488	501	513	525	2.8%	0.7%
Other Africa	1088	1099	1117	1150	1190	1229	1231	1241	1249	1273	1314	3.5%	1.6%
Total Africa	2130	2199	2241	2313	2394	2452	2462	2476	2506	2567	2647	3.4%	3.3%
Australia	753	781	794	823	825	843	837	845	846	851	858	1.3%	1.0%
Bangladesh	45	59	60	69	76	68	66	80	80	83	86	3.8%	0.1%
China	3145	3390	3672	3935	4047	4416	4985	5030	5379	5791	6684	15.8%	8.2%
China Hong Kong SAR	185	198	194	192	184	193	201	243	268	269	314	17.9%	0.4%
India	1413	1580	1700	1828	1963	2134	2254	2284	2374	2420	2555	5.5%	3.2%
Indonesia	774	820	888	963	914	980	1049	1088	1115	1132	1150	1.4%	1.5%
Japan	5746	5784	5813	5762	5525	5618	5577	5435	5359	5455	5288	-3.0%	6.4%
Malaysia	372	381	405	431	407	439	441	448	489	480	504	5.2%	0.6%
New Zealand	121	125	127	131	131	134	134	136	142	147	151	2.2%	0.2%
Pakistan	291	315	329	339	350	363	373	366	357	320	296	-9.1%	0.4%
Philippines	306	344	360	389	392	375	348	347	332	330	336	2.2%	0.4%
Singapore	590	617	586	630	651	619	654	716	699	668	748	12.4%	1.0%
South Korea	1840	2009	2144	2373	2030	2178	2229	2235	2282	2300	2280	-0.8%	2.8%
Taiwan	665	713	717	741	766	820	816	819	844	868	877	0.9%	1.1%
Thailand	617	717	776	785	736	734	725	701	766	836	909	9.2%	1.2%
Other Asia Pacific	222	245	281	298	324	331	366	386	408	386	411	6.6%	0.5%
Total Asia Pacific	17083	18077	18842	19685	19321	20246	21054	21159	21739	22337	23446	5.2%	28.9%
TOTAL WORLD	68219	69346	70869	72786	73232	74847	75751	76252	77046	78294	80757	3.4%	100.0%
of which: European Union 25	13596	13765	14049	14198	14501	14528	14403	14552	14456	14538	14637	0.9%	18.4%
OECD	44099	44475	45616	46498	46592	47500	47652	47711	47679	48282	48777	1.3%	59.8%
Former Soviet Union	4730	4333	3779	3751	3650	3597	3463	3440	3452	3557	3729	5.2%	4.9%
Other EMEs	19390	20538	21474	22537	22990	23751	24636	25101	25914	26455	28251	7.0%	35.3%

*Inland demand plus international aviation and marine bunkers and refinery fuel and loss.

• Less than 0.05%.

Notes: Annual changes and shares of total are calculated using million tonnes per annum figures rather than thousand barrels daily.

Differences between these world consumption figures and world production statistics on page 6 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.

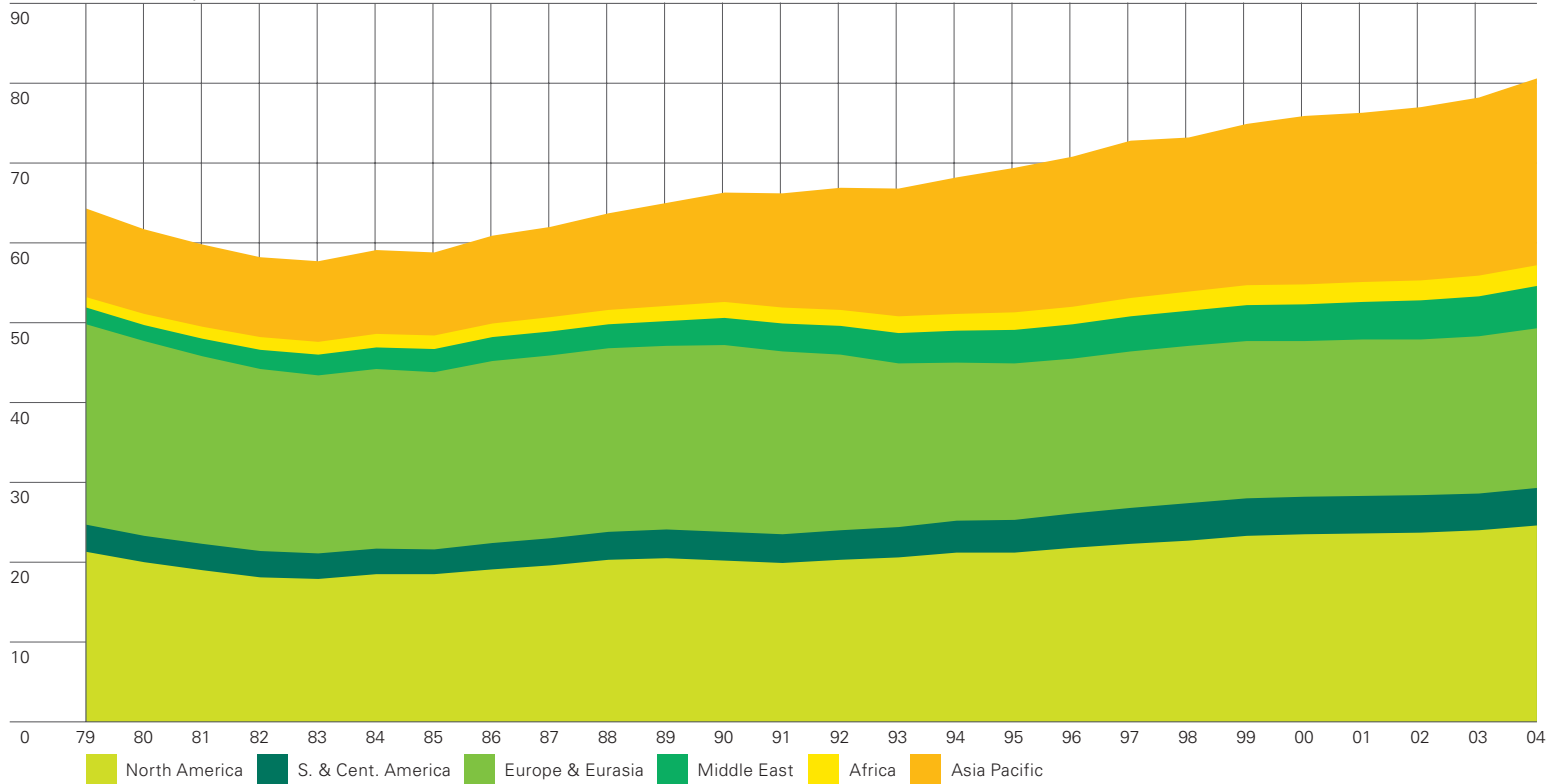


Consumption*

Million tonnes	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	809.8	807.7	836.5	848.0	863.8	888.9	897.6	896.1	897.4	912.3	937.6	2.8%	24.9%
Canada	78.4	79.8	82.1	85.2	86.7	87.2	88.1	90.5	92.2	95.9	99.6	3.9%	2.6%
Mexico	79.6	73.2	75.6	79.1	82.8	82.4	85.7	85.0	81.5	83.7	85.2	1.8%	2.3%
Total North America	967.9	960.8	994.3	1012.3	1033.3	1058.4	1071.4	1071.6	1071.1	1091.8	1122.4	2.8%	29.8%
Argentina	19.4	19.5	20.4	21.2	22.1	21.0	20.3	19.1	17.1	17.5	18.7	6.6%	0.5%
Brazil	65.7	69.2	74.1	79.9	83.2	85.7	85.8	87.5	85.5	82.0	84.2	2.7%	2.2%
Chile	8.8	9.7	10.6	11.2	11.4	11.5	10.8	10.5	10.3	10.6	10.7	1.5%	0.3%
Colombia	11.1	11.8	12.2	12.3	12.0	10.6	10.5	11.1	10.0	10.0	10.1	1.2%	0.3%
Ecuador	5.2	5.1	5.7	6.5	6.6	6.0	5.8	5.9	5.9	6.1	6.3	4.1%	0.2%
Peru	6.4	7.2	7.4	7.3	7.4	7.5	7.4	7.0	6.9	6.6	7.2	9.3%	0.2%
Venezuela	19.6	20.0	19.0	20.4	21.6	21.3	22.5	24.8	27.0	23.9	26.3	10.0%	0.7%
Other S. & Cent. America	50.2	51.2	52.4	53.9	55.3	55.2	55.1	55.6	56.0	57.2	58.3	1.9%	1.5%
Total S. & Cent. America	186.4	193.7	201.8	212.7	219.6	218.9	218.1	221.5	218.8	213.7	221.7	3.7%	5.9%
Austria	11.3	11.3	11.6	11.9	12.3	12.1	11.8	12.8	13.0	14.1	13.7	-3.0%	0.4%
Azerbaijan	8.1	8.5	7.0	6.0	7.5	7.4	6.2	3.7	3.6	4.2	4.5	7.3%	0.1%
Belarus	12.8	12.3	9.3	9.6	8.3	7.0	6.6	5.9	5.2	6.1	7.5	22.8%	0.2%
Belgium & Luxembourg	27.0	26.4	29.4	30.3	31.6	32.4	33.9	32.2	33.5	36.4	38.1	4.5%	1.0%
Bulgaria	5.8	5.6	5.6	4.4	4.8	4.5	3.9	4.0	4.2	4.3	4.6	5.2%	0.1%
Czech Republic	7.1	8.0	8.4	8.0	8.3	8.2	7.9	8.3	8.2	8.7	9.5	9.6%	0.3%
Denmark	10.1	10.5	11.4	11.1	10.7	10.6	10.4	9.8	9.6	9.2	9.1	-1.8%	0.2%
Finland	10.4	9.9	10.3	10.2	10.5	10.7	10.7	10.5	10.9	11.4	10.6	-7.0%	0.3%
France	88.2	89.0	91.0	91.7	95.0	96.4	94.9	95.5	92.9	93.1	94.0	0.9%	2.5%
Germany	135.1	135.1	137.4	136.5	136.6	132.4	129.8	131.6	127.4	125.1	123.6	-1.2%	3.3%
Greece	16.9	17.6	18.2	18.4	18.2	18.7	19.9	20.1	20.2	19.6	20.0	2.0%	0.5%
Hungary	8.1	7.7	7.1	7.1	7.4	7.1	6.8	6.7	6.4	6.1	6.3	2.2%	0.2%
Iceland	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	4.3%	♦
Republic of Ireland	5.6	5.7	6.0	6.6	7.4	8.3	8.2	9.0	8.8	8.5	8.7	2.1%	0.2%
Italy	92.5	95.5	94.2	94.6	94.7	94.4	93.5	92.8	92.9	92.1	89.5	-2.8%	2.4%
Kazakhstan	12.3	12.0	10.2	10.3	8.5	7.0	7.4	8.9	9.3	8.8	9.6	9.1%	0.3%
Lithuania	3.6	3.2	3.3	3.3	3.8	3.1	2.4	2.7	2.5	2.4	2.5	2.9%	0.1%
Netherlands	36.4	38.0	37.4	39.5	39.4	40.6	41.7	43.7	43.8	44.1	46.2	4.8%	1.2%
Norway	9.6	9.6	10.1	10.3	10.0	10.1	9.4	9.7	9.4	9.9	9.6	-3.5%	0.3%
Poland	14.8	14.9	17.2	18.2	19.9	19.9	20.0	19.2	19.4	19.9	21.3	7.1%	0.6%
Portugal	12.0	13.0	12.2	13.9	15.5	15.9	15.5	15.8	16.2	15.2	15.7	3.3%	0.4%
Romania	11.2	13.5	13.0	13.7	12.0	9.5	10.0	10.6	10.6	9.4	10.1	7.0%	0.3%
Russian Federation	162.7	146.1	130.1	129.1	123.7	126.2	123.5	122.3	123.5	124.7	128.5	3.1%	3.4%
Slovakia	3.3	3.2	3.4	3.4	3.8	3.4	3.4	3.2	3.5	3.3	3.5	5.1%	0.1%
Spain	53.5	56.3	58.7	62.0	66.4	68.4	70.0	72.7	73.8	75.5	77.6	2.8%	2.1%
Sweden	17.0	16.1	17.4	16.1	16.2	16.1	15.2	15.2	15.2	15.9	15.3	-3.9%	0.4%
Switzerland	12.7	11.8	12.2	12.8	13.0	12.6	12.2	13.1	12.4	12.1	12.0	-0.4%	0.3%
Turkey	25.8	28.4	29.8	30.0	29.6	29.5	31.1	29.9	30.6	31.2	32.0	2.4%	0.8%
Turkmenistan	3.0	2.7	3.0	3.0	3.4	3.6	3.5	3.7	4.0	4.5	4.9	8.9%	0.1%
Ukraine	19.8	18.9	14.2	13.8	14.3	12.7	12.0	12.7	12.4	15.4	17.4	13.0%	0.5%
United Kingdom	82.9	81.9	83.9	81.3	80.7	79.8	78.9	78.8	77.8	78.9	80.8	2.4%	2.1%
Uzbekistan	7.2	6.7	7.4	6.7	7.0	7.2	6.8	7.0	6.8	6.0	6.0	-0.9%	0.2%
Other Europe & Eurasia	19.1	18.8	19.9	21.8	21.6	21.4	21.0	21.7	22.4	23.6	24.0	1.4%	0.6%
Total Europe & Eurasia	946.6	939.1	930.9	936.1	942.7	937.9	929.5	934.6	931.4	940.8	957.3	1.8%	25.4%
Iran	53.4	58.4	60.6	59.0	55.9	57.3	61.1	60.8	65.8	69.7	73.3	5.1%	1.9%
Kuwait	6.2	6.5	6.3	6.9	9.1	10.3	10.4	10.5	11.4	12.2	13.7	12.9%	0.4%
Qatar	1.3	1.4	1.5	1.7	1.7	1.7	1.7	2.1	3.2	3.0	3.3	9.1%	0.1%
Saudi Arabia	59.0	56.1	59.1	61.3	65.9	67.1	68.8	69.1	70.0	74.7	79.6	6.6%	2.1%
United Arab Emirates	18.2	18.0	18.0	17.8	14.4	13.5	12.2	13.8	14.4	15.0	15.6	4.0%	0.4%
Other Middle East	55.5	58.8	59.3	61.9	63.5	64.5	65.7	67.4	68.9	63.8	65.4	2.5%	1.7%
Total Middle East	193.7	199.3	204.8	208.7	210.6	214.5	220.0	223.8	233.6	238.4	250.9	5.2%	6.7%
Algeria	8.7	8.4	8.1	8.0	8.2	8.1	8.5	8.8	9.7	10.1	10.7	5.3%	0.3%
Egypt	21.5	23.3	24.6	26.0	27.3	27.8	27.2	26.1	25.2	25.9	26.7	3.0%	0.7%
South Africa	18.8	20.1	20.7	21.0	21.3	21.8	22.5	23.0	23.6	24.2	24.9	2.8%	0.7%
Other Africa	51.6	52.0	52.8	54.3	56.2	58.1	58.3	58.6	58.9	60.0	62.1	3.5%	1.6%
Total Africa	100.5	103.7	106.2	109.2	113.0	115.8	116.5	116.4	117.5	120.2	124.3	3.4%	3.3%
Australia	34.0	35.3	35.9	37.0	37.0	38.0	37.7	38.1	38.0	38.3	38.8	1.3%	1.0%
Bangladesh	2.2	2.9	2.9	3.3	3.7	3.3	3.2	3.9	3.9	4.0	4.2	3.8%	0.1%
China	149.5	160.7	174.4	185.6	190.3	207.2	230.1	232.2	246.9	266.4	308.6	15.8%	8.2%
China Hong Kong SAR	8.9	9.5	9.3	9.2	8.8	9.3	9.7	11.7	12.9	13.0	15.3	17.9%	0.4%
India	67.4	75.2	81.1	86.5	92.5	100.3	106.1	107.0	111.3	113.1	119.3	5.5%	3.2%
Indonesia	37.0	39.1	42.4	45.9	43.5	46.8	50.2	51.9	53.1	53.9	54.7	1.4%	1.5%
Japan	267.4	267.6	268.8	265.0	253.6	257.3	255.5	247.5	243.6	248.9	241.5	-3.0%	6.4%
Malaysia	17.4	17.9	19.0	20.2	19.0	20.3	20.4	20.6	22.5	22.2	23.3	5.2%	0.6%
New Zealand	5.6	5.8	5.9	6.1	6.1	6.3	6.2	6.3	6.6	6.9	7.0	2.2%	0.2%
Pakistan	14.5	15.8	16.6	17.0	17.6	18.2	18.8	18.3	17.9	15.8	14.4	-9.1%	0.4%
Philippines	14.9	16.8	17.5	18.8	19.1	18.0	16.6	16.5	15.6	15.5	15.8	2.2%	0.4%
Singapore	30.6	32.0	30.3	32.4	33.3	31.6	33.5	36.4	35.5	33.9	38.1	12.4%	1.0%
South Korea	87.0	94.8	101.4	111.4	93.9	100.7	103.2	103.1	104.7	105.6	104.8	-0.8%	2.8%
Taiwan	32.3	34.7	34.8	36.0	37.2	39.9	39.8	39.2	40.1	41.1	41.5	0.9%	1.1%
Thailand	29.8	34.7	37.5	37.8	35.4	35.4	34.8	33.1	36.4	40.0	43.6	9.2%	1.2%
Other Asia Pacific	10.7	11.7	13.5	14.3	15.6	15.9	17.5	18.4	19.4	18.3	19.5	6.6%	0.5%
Total Asia Pacific	809.2	854.5	891.3	926.6	906.6	948.3	983.2	984.2	1008.2	1036.8	1090.5	5.2%	28.9%
TOTAL WORLD	3204.4	3251.0	3329.4	3405.5	3425.9	3493.9	3538.7	3552.2	3580.5	3641.8	3767.1	3.4%	100.0%
of which: European Union 25	644.0	651.5	666.6	671.5	686.5	686.7	682.8	688.5	684.2	688.1	694.5	0.9%	18.4%
OECD	2043.1	2055.1	2114.3	2146.3	2151.9	2189.1	2200.1	2198.0	2190.7	2222.8	2252.3	1.3%	59.8%
Former Soviet Union	235.5	215.8	188.7	186.7	181.7	179.0	172.8						

Consumption by area

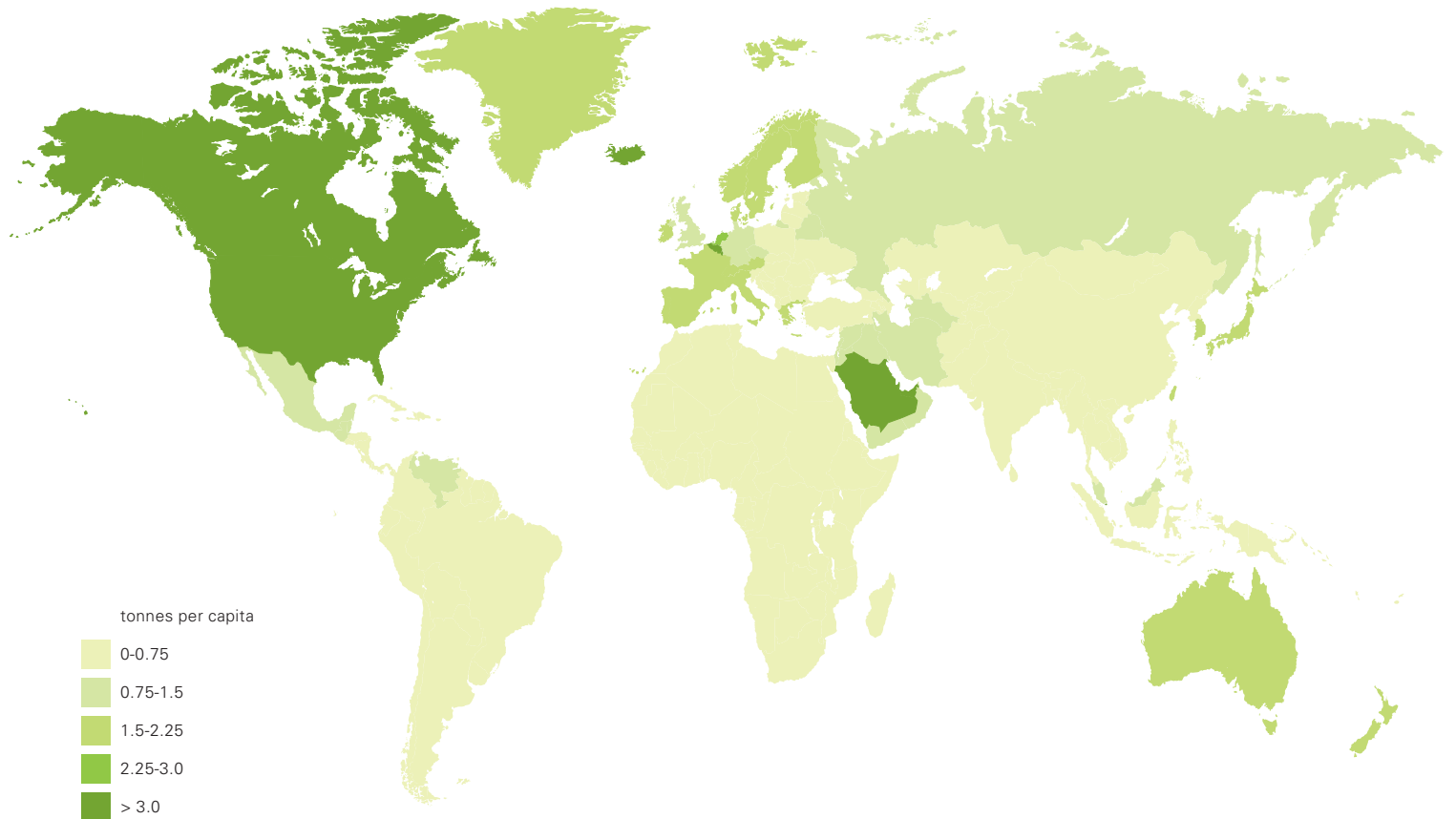
Million barrels daily



The rate of world oil consumption growth was the strongest since 1978. Growth was above the 10-year average in every region. Asia Pacific has accounted for 50% of global growth over the past decade.

Consumption per capita

Tonnes





Regional consumption by product group

Thousand barrels daily	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
North America													
Gasolines	9100	9235	9389	9560	9849	9998	10106	10211	10523	10675	10897	2.1%	44.3%
Middle distillates	5895	5934	6193	6398	6450	6628	6811	6812	6655	6861	7105	3.6%	28.9%
Fuel oil	1571	1336	1348	1351	1506	1415	1518	1411	1209	1271	1274	0.2%	5.2%
Others	4665	4645	4863	4967	4869	5245	5086	5137	5278	5242	5343	1.9%	21.6%
Total North America	21232	21150	21793	22275	22674	23286	23522	23571	23665	24049	24619	2.4%	100.0%
of which: USA													
Gasolines	7880	8025	8167	8324	8579	8716	8813	8890	9167	9275	9436	1.7%	46.0%
Middle distillates	5084	5132	5342	5502	5545	5700	5852	5884	5735	5886	6087	3.4%	29.7%
Fuel oil	1003	835	831	777	869	814	893	794	686	763	795	4.2%	3.9%
Others	3751	3733	3969	4017	3924	4290	4143	4082	4172	4109	4199	2.2%	20.4%
Total USA	17719	17725	18309	18621	18917	19519	19701	19649	19761	20033	20517	2.4%	100.0%
S. & Cent. America													
Gasolines	1105	1149	1187	1257	1274	1387	1274	1256	1233	1216	1246	2.5%	26.3%
Middle distillates	1398	1476	1538	1625	1700	1684	1680	1720	1718	1714	1815	5.9%	38.3%
Fuel oil	721	734	768	827	850	740	788	755	731	698	697	-0.1%	14.7%
Others	752	777	807	830	859	894	917	1009	1001	953	980	2.8%	20.7%
Total S. & Cent. America	3976	4136	4300	4539	4683	4704	4659	4739	4684	4580	4739	3.5%	100.0%
Europe													
Gasolines	4115	4186	4209	4256	4297	4311	4194	4088	4024	3920	3851	-1.8%	23.6%
Middle distillates	5890	6050	6371	6431	6630	6700	6748	6994	6933	7129	7297	2.3%	44.8%
Fuel oil	2280	2283	2260	2206	2195	2093	1971	1988	1995	1958	1900	-3.0%	11.7%
Others	2737	2773	2812	2967	2971	2970	3077	3092	3129	3162	3240	2.5%	19.9%
Total Europe	15023	15292	15652	15860	16093	16074	15989	16162	16081	16169	16288	0.7%	100.0%
Middle East													
Gasolines	708	762	773	812	828	842	890	920	996	1031	1120	8.7%	21.2%
Middle distillates	1336	1435	1466	1463	1458	1485	1541	1591	1640	1668	1708	2.4%	32.3%
Fuel oil	1183	1199	1221	1248	1236	1281	1266	1284	1301	1276	1354	6.2%	25.6%
Others	818	764	803	841	895	880	903	909	981	1060	1106	4.4%	20.9%
Total Middle East	4044	4160	4263	4364	4417	4488	4601	4704	4919	5034	5289	5.1%	100.0%
Africa													
Gasolines	539	554	552	559	568	574	577	587	591	603	619	2.7%	23.4%
Middle distillates	840	866	894	921	951	989	1012	1026	1048	1077	1119	3.9%	42.3%
Fuel oil	416	436	447	471	500	504	481	460	445	451	461	2.1%	17.4%
Others	335	342	348	362	374	385	392	403	423	436	448	2.7%	16.9%
Total Africa	2130	2199	2241	2313	2394	2452	2462	2476	2506	2567	2647	3.1%	100.0%
Asia Pacific incl. China and Japan													
Gasolines	3977	4294	4531	4991	5057	5331	5587	5648	5958	6100	6507	6.7%	27.8%
Middle distillates	6237	6714	7167	7437	7225	7621	7813	7967	8070	8146	8697	6.8%	37.1%
Fuel oil	3880	3856	3800	3832	3576	3551	3517	3353	3241	3369	3397	0.8%	14.5%
Others	2990	3212	3344	3425	3463	3744	4137	4192	4470	4723	4846	2.6%	20.6%
Total Asia Pacific	17083	18077	18842	19685	19321	20246	21054	21159	21739	22337	23446	5.0%	100.0%
China													
Gasolines	848	904	986	1111	1098	1164	1313	1252	1387	1440	1686	17.1%	25.2%
Middle distillates	878	997	1080	1202	1277	1455	1633	1709	1786	1905	2352	23.4%	35.2%
Fuel oil	665	669	719	750	725	694	725	728	705	791	907	14.7%	13.6%
Others	755	819	888	871	946	1103	1314	1342	1500	1654	1739	5.1%	26.0%
Total China	3145	3390	3672	3935	4047	4416	4985	5030	5379	5791	6684	15.4%	100.0%
Japan													
Gasolines	1442	1548	1576	1646	1611	1702	1735	1720	1759	1788	1796	0.4%	34.0%
Middle distillates	1905	1971	2027	1991	1949	1978	1958	1957	1930	1904	1861	-2.3%	35.2%
Fuel oil	1292	1135	1067	977	879	861	804	690	649	770	672	-12.7%	12.7%
Others	1106	1130	1142	1148	1086	1078	1079	1067	1021	993	960	-3.3%	18.1%
Total Japan	5746	5784	5813	5762	5525	5618	5577	5435	5359	5455	5288	-3.1%	100.0%
World excl. Former Soviet Union													
Gasolines	19545	20181	20641	21435	21874	22443	22629	22710	23325	23544	24241	3.0%	31.5%
Middle distillates	21595	22475	23629	24275	24415	25106	25605	26109	26065	26594	27741	4.3%	36.0%
Fuel oil	10051	9845	9842	9934	9862	9583	9542	9251	8921	9024	9083	0.7%	11.8%
Others	12298	12513	12977	13391	13431	14118	14513	14742	15283	15575	15964	2.5%	20.7%
Total World excl. Former Soviet Union	63489	65013	67090	69035	69582	71251	72288	72812	73594	74737	77028	3.1%	100.0%
European Union 25													
Gasolines	3773	3818	3838	3892	3914	3944	3844	3741	3670	3583	3514	-1.9%	24.1%
Middle distillates	5318	5458	5737	5822	5991	6080	6129	6351	6287	6465	6607	2.2%	45.3%
Fuel oil	1953	1931	1897	1874	1946	1838	1713	1717	1732	1694	1652	-2.5%	11.3%
Others	2409	2433	2455	2563	2593	2615	2676	2699	2717	2746	2810	2.3%	19.3%
Total European Union 25*	13453	13640	13927	14151	14444	14477	14361	14508	14407	14487	14583	0.7%	100.0%
OECD													
Gasolines	15379	15721	15968	16415	16728	17028	17069	17064	17390	17499	17685	1.1%	36.3%
Middle distillates	14414	14777	15468	15738	15751	16110	16279	16530	16294	16680	17024	2.1%	34.9%
Fuel oil	5505	5115	5036	4904	4831	4671	4642	4416	4174	4310	4140	-3.9%	8.5%
Others	8802	8862	9145	9442	9283	9691	9662	9701	9821	9793	9928	1.4%	20.3%
Total OECD	44099	44475	45616	46498	46592	47500	47652	47711	47679	48282	48777	1.0%	100.0%
Other EMEs													
Gasolines	4166	4459	4673	5020	5146	5415	5559	5646	5935	6045	6556	8.5%	23.2%
Middle distillates	7182	7698	8161	8537	8664	8997	9326	9579	9770	9913	10717	8.1%	37.9%
Fuel oil	4546	4729	4807	5031	5032	4912	4900	4835	4747	4715	4943	4.8%	17.5%
Others	3496	3651	3833	3949	4148	4427	4850	5041	5463	5782	6036	4.4%	21.4%
Total Other EMEs†	19390	20538	21474	22537	22990	23751	24636	25101	25914	26455	28251	6.8%	100.0%

*European Union 25 excludes Estonia and Latvia prior to 2004 and Lithuania prior to 1997.

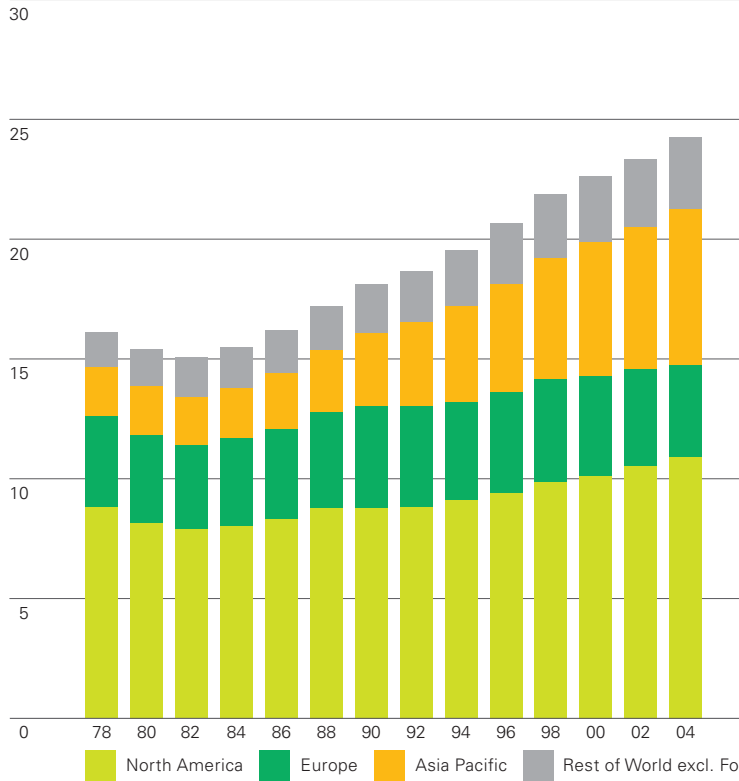
†Excludes Former Soviet Union.

Notes: For the purposes of this table, annual changes and shares of total are calculated using thousand barrels daily figures.

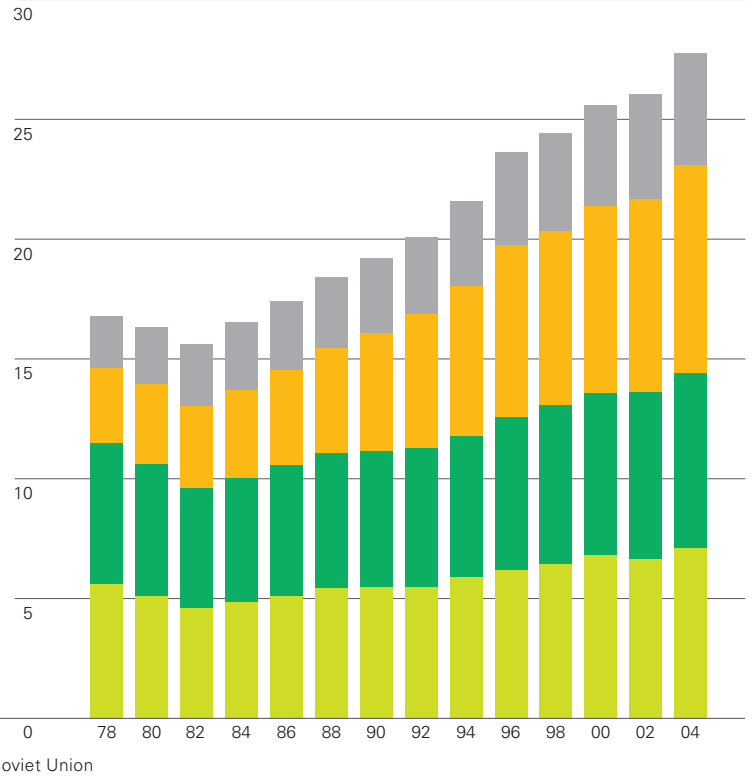
'Gasolines' consists of aviation and motor gasolines and light distillate feedstock (LDF). 'Middle distillates' consists of jet and heating kerosenes, and gas and diesel oils (including marine bunkers). 'Fuel oil' includes marine bunkers and crude oil used directly as fuel. 'Others' consists of refinery gas, LPGs, solvents, petroleum coke, lubricants, bitumen, wax and refinery fuel and loss.

Product consumption by region

Gasolines (million barrels daily)

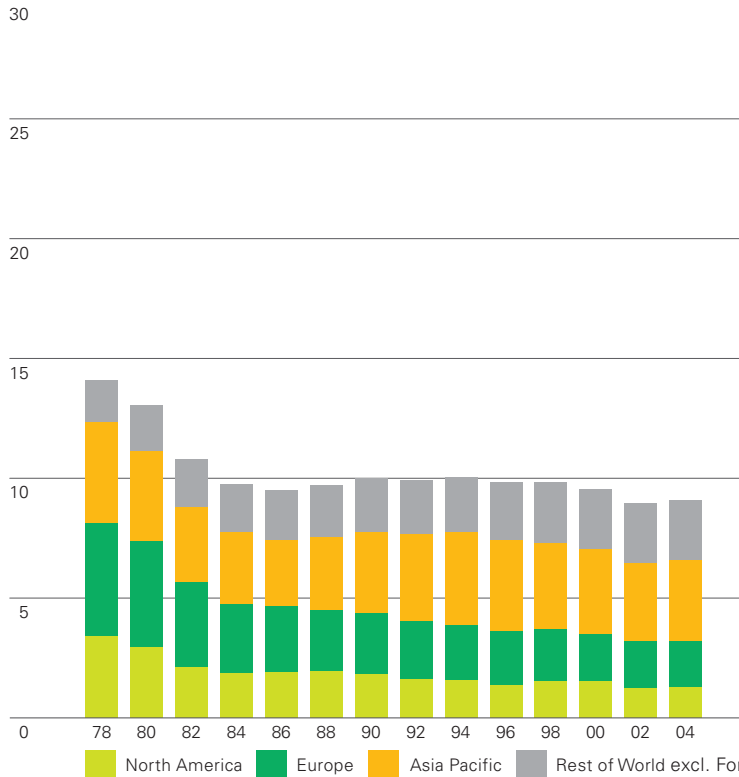


Middle distillates (million barrels daily)

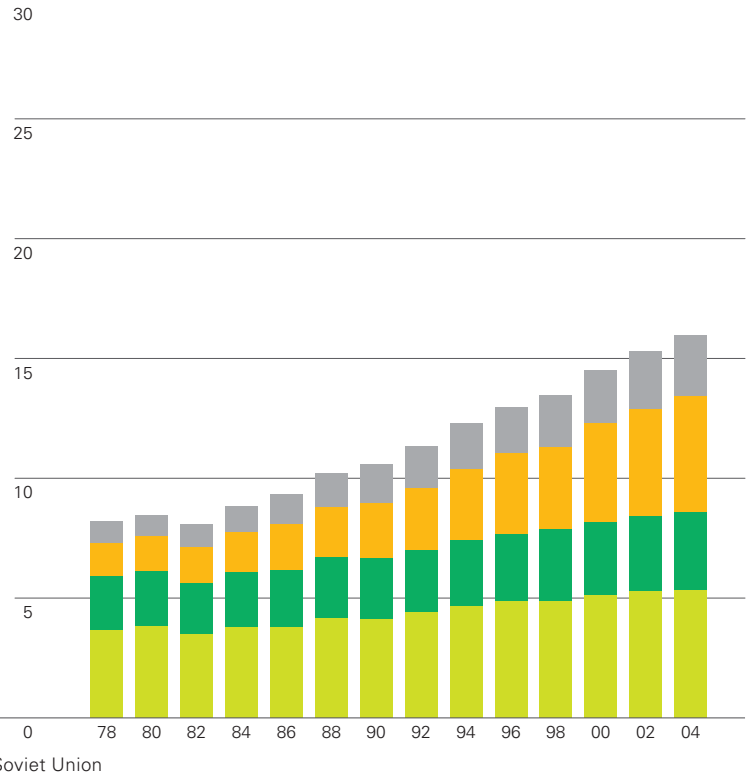


Product consumption by region

Fuel oil (million barrels daily)



Others (million barrels daily)



Middle distillates was the fastest-growing product category in 2004 and accounted for roughly half of global oil consumption growth. China accounted for nearly 40% of the global growth in middle distillates owing to rising transport and power generation needs.



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	17.16	19.32	19.61	20.57
1993	14.95	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

*1972-1985 Arabian Light, 1986-2004 Dubai dated.

†1976-1983 Forties, 1984-2004 Brent dated.

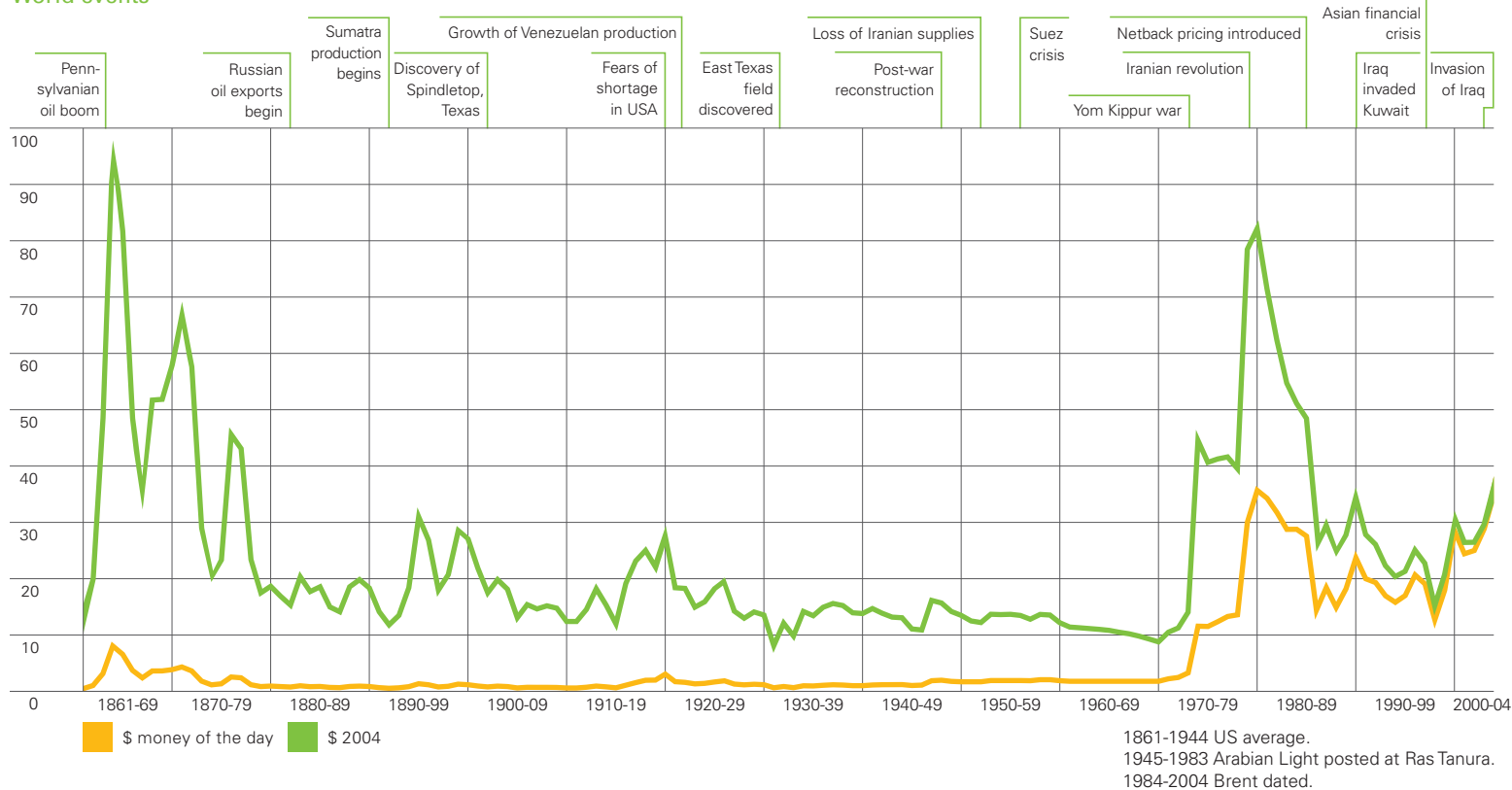
‡1976-1983 Posted WTI prices, 1984-2004 Spot WTI (Cushing) prices.

Source: Platts.

Crude oil prices since 1861

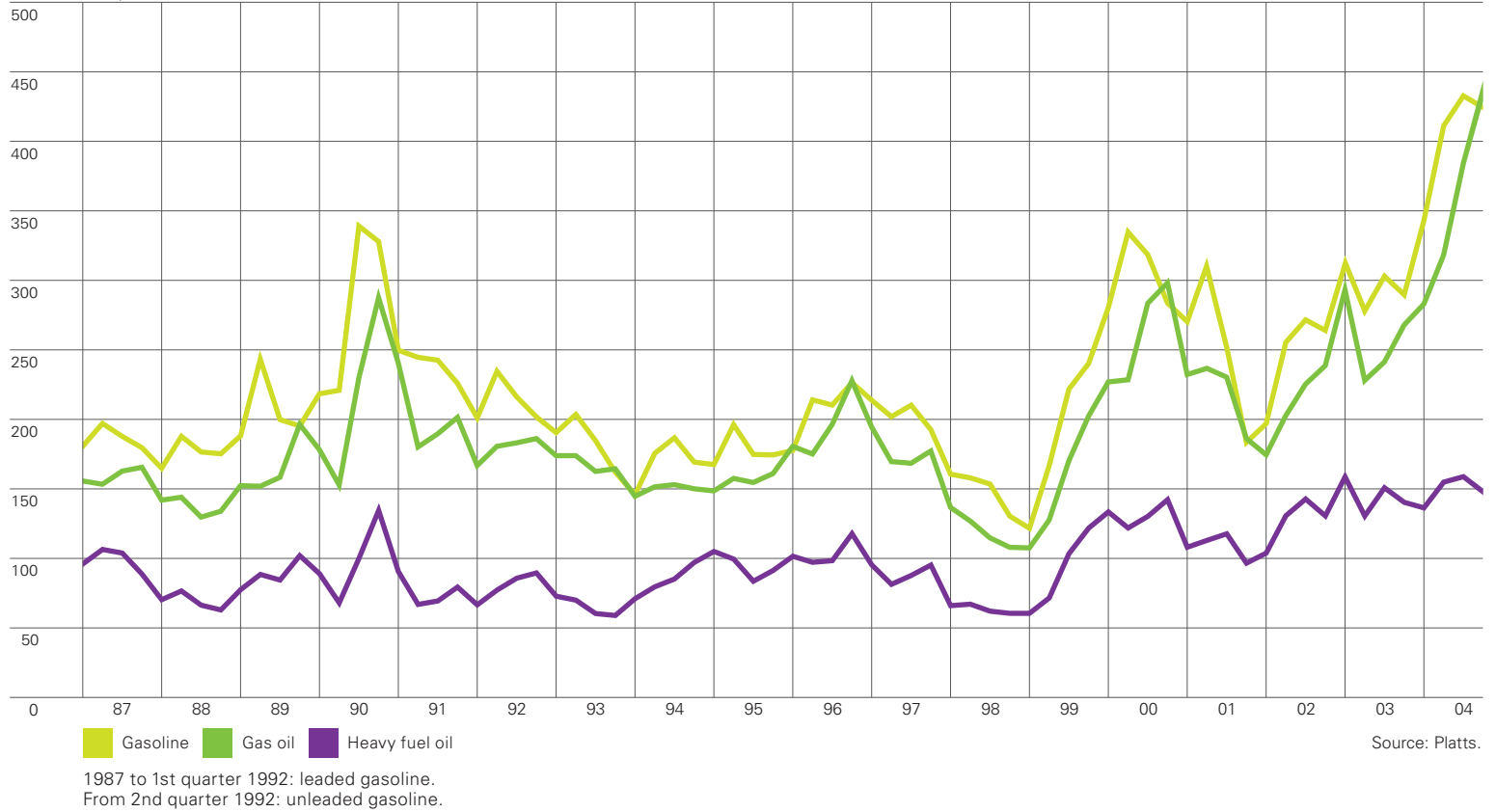
US dollars per barrel

World events



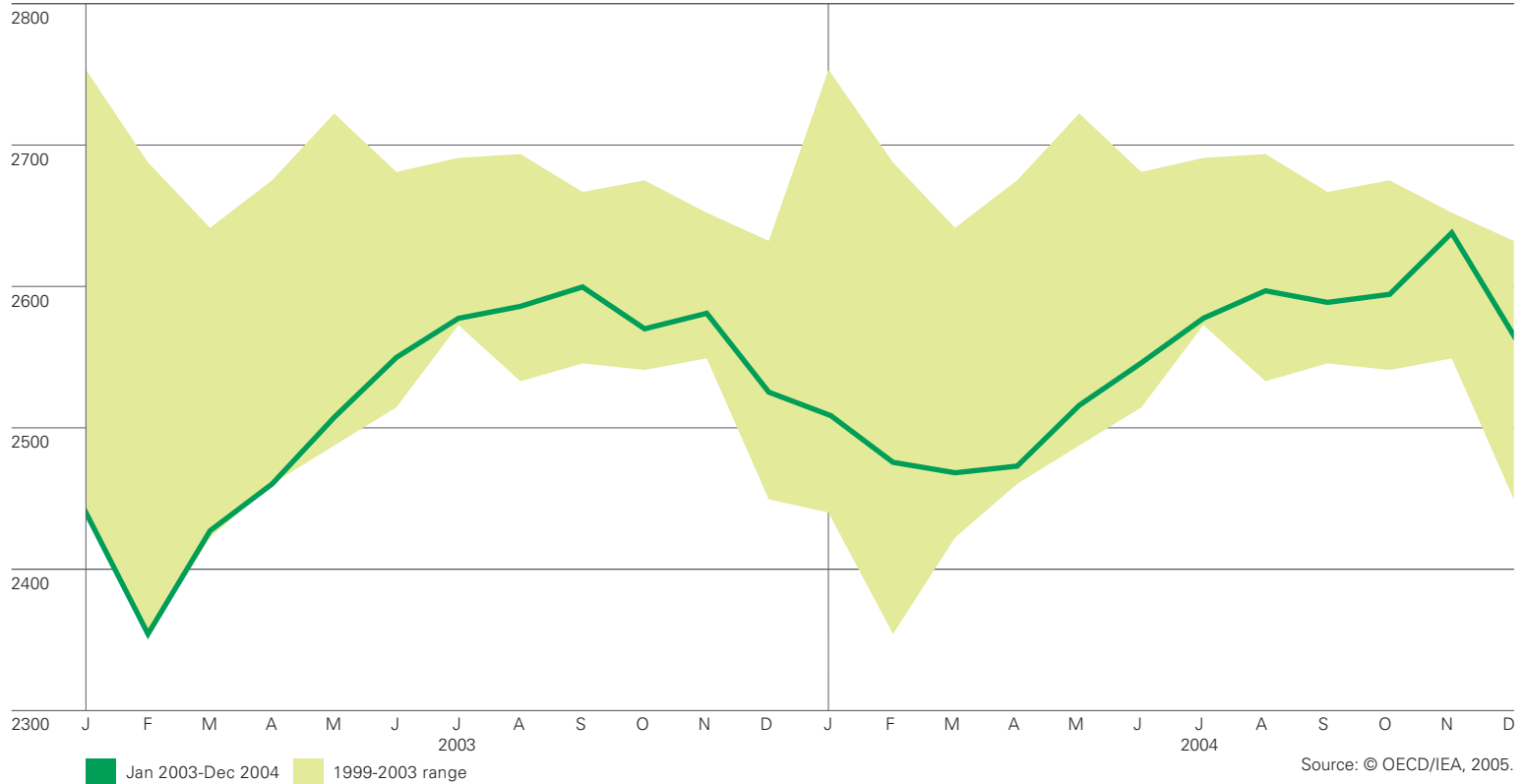
Rotterdam product prices

US dollars per tonne



OECD total commercial oil stocks

Million barrels





Refinery capacities

Thousand barrels daily*	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	15434	15333	15452	15711	16261	16512	16595	16785	16757	16894	17042	0.9%	20.1%
Canada	1832	1792	1807	1811	1844	1861	1861	1917	1923	1959	1954	-0.3%	2.3%
Mexico	1444	1444	1444	1449	1449	1449	1481	1481	1463	1463	1463	-	1.7%
Total North America	18710	18569	18703	18971	19554	19822	19937	20183	20143	20316	20459	0.7%	24.2%
Argentina	663	648	651	653	650	645	626	614	611	611	611	-	0.7%
Brazil	1473	1481	1481	1739	1750	1845	1863	1823	1868	1940	1940	-	2.3%
Netherlands Antilles & Aruba	485	505	520	520	520	535	535	590	590	625	585	-6.4%	0.7%
Venezuela	1181	1181	1183	1183	1183	1183	1183	1183	1199	1199	1199	-	1.4%
Other S. & Cent. America	2205	2233	2234	2269	2180	2224	2230	2219	2266	2240	2254	0.6%	2.7%
Total S. & Cent. America	6007	6048	6069	6364	6283	6432	6437	6429	6534	6615	6589	-0.4%	7.8%
Belgium	692	692	690	698	732	736	770	785	803	805	803	-0.2%	0.9%
France	1697	1728	1749	1872	1918	1933	1984	1961	1987	1967	1977	0.5%	2.3%
Germany	2272	2104	2098	2170	2206	2240	2262	2274	2286	2304	2314	0.4%	2.7%
Greece	385	403	403	403	403	403	403	412	412	412	412	-	0.5%
Italy	2272	2272	2257	2243	2271	2294	2294	2294	2294	2294	2294	-	2.7%
Netherlands	1197	1197	1169	1196	1196	1212	1212	1233	1237	1237	1243	0.5%	1.5%
Norway	288	298	308	308	310	323	318	307	310	310	310	-	0.4%
Russian Federation	6521	6123	6134	5929	5533	5399	5351	5304	5372	5407	5412	0.1%	6.4%
Spain	1205	1215	1232	1265	1247	1247	1247	1247	1333	1333	1358	1.9%	1.6%
Sweden	422	422	421	422	422	422	421	422	422	422	421	-0.2%	0.5%
Turkey	673	673	671	673	643	643	643	643	643	643	641	-0.3%	0.8%
United Kingdom	1866	1844	1873	1823	1848	1777	1778	1769	1785	1813	1813	-	2.1%
Other Europe & Eurasia	7033	6893	6752	6659	6526	6214	6071	6084	6161	6229	6196	-0.5%	7.3%
Total Europe & Eurasia	26523	25864	25757	25661	25255	24843	24754	24735	25045	25176	25194	0.1%	29.8%
Iran	1282	1332	1332	1387	1492	1574	1574	1574	1574	1584	1624	2.5%	1.9%
Iraq	634	634	634	634	634	634	639	644	644	644	644	-	0.8%
Kuwait	720	795	825	880	895	895	690	745	770	905	905	-	1.1%
Saudi Arabia	1683	1692	1699	1704	1762	1838	1846	1861	1861	1911	2061	7.8%	2.4%
United Arab Emirates	220	220	250	298	235	290	440	674	711	645	620	-3.9%	0.7%
Other Middle East	1151	1153	1172	1164	1169	1175	1173	1164	1254	1255	1255	-	1.5%
Total Middle East	5690	5826	5912	6067	6187	6406	6362	6662	6814	6944	7109	2.4%	8.4%
Total Africa	2830	2910	2987	2928	2881	2983	3034	3217	3294	3313	3311	-0.1%	3.9%
Australasia	796	818	848	890	916	919	926	920	934	862	864	0.2%	1.0%
China	3567	4014	4226	4559	4592	5401	5407	5643	5479	5487	5818	6.0%	6.9%
India	1072	1133	1210	1236	1356	2190	2219	2261	2289	2333	2513	7.7%	3.0%
Indonesia	930	990	990	1015	1095	1118	1126	1126	1091	1056	1056	-	1.2%
Japan	4862	5006	5006	5056	5144	5087	5010	4705	4728	4645	4531	-2.5%	5.4%
Singapore	1158	1273	1245	1246	1246	1246	1255	1255	1255	1255	1255	-	1.5%
South Korea	1615	1727	1917	2598	2598	2598	2598	2598	2598	2598	2598	-	3.1%
Taiwan	570	732	732	732	732	732	732	874	1159	1159	1159	-	1.4%
Thailand	445	529	777	824	863	872	872	846	848	860	876	1.9%	1.0%
Other Asia Pacific	928	1070	1089	1090	1154	1233	1292	1386	1351	1311	1260	-3.9%	1.5%
Total Asia Pacific	15943	17292	18040	19246	19696	21396	21437	21614	21732	21566	21930	1.7%	25.9%
TOTAL WORLD	75703	76509	77468	79237	79856	81882	81961	82840	83562	83930	84592	0.8%	100.0%
of which: European Union 25	14255	14130	14130	14304	14506	14380	14498	14533	14810	14831	14851	0.1%	17.6%
OECD	40977	40999	41360	42573	43444	43705	43865	43834	44111	44150	44226	0.2%	52.3%
Former Soviet Union	10166	9635	9549	9280	8823	8473	8358	8280	8350	8390	8390	-	9.9%
Other EMEs	24560	25875	26559	27384	27589	29704	29738	30726	31101	31390	31976	1.9%	37.8%

*Atmospheric distillation capacity on a calendar-day basis.

Source: Includes data from Parpinelli Tecnoc.

Note: For the purposes of this table, annual changes and shares of total are calculated using thousand barrels daily figures.



Refinery throughputs

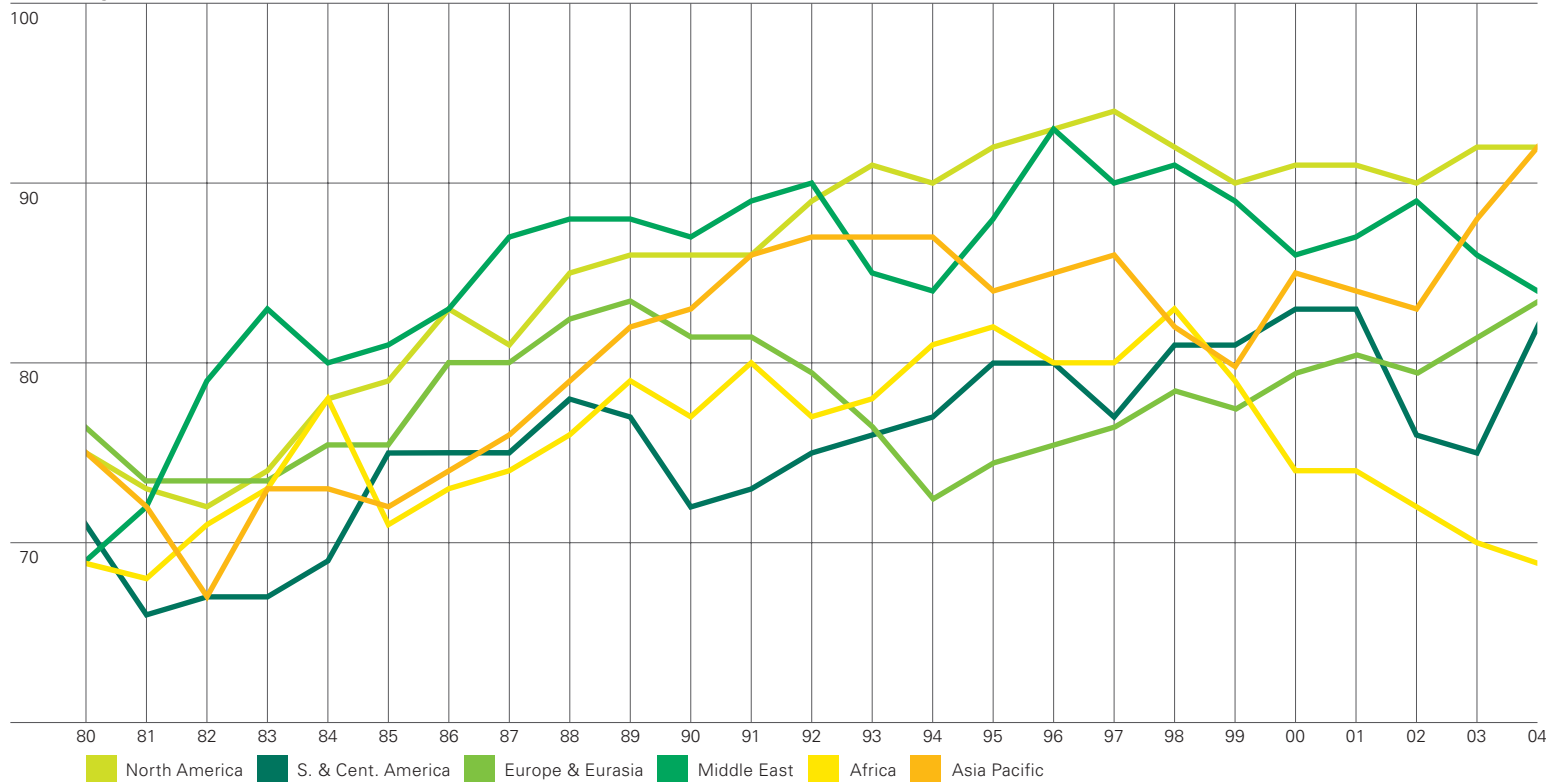
Thousand barrels daily	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	13866	13973	14195	14662	14889	14804	15067	15128	14947	15304	15479	1.1%	21.0%
Canada	1580	1569	1644	1694	1709	1714	1765	1812	1862	1886	1890	0.2%	2.6%
Mexico	1459	1488	1491	1438	1451	1389	1364	1398	1387	1436	1438	0.1%	2.0%
S. & Cent. America	4617	4823	4848	4920	5120	5191	5337	5330	4939	4940	5389	9.1%	7.3%
Europe & Eurasia	19205	19159	19404	19609	19807	19217	19530	19683	19874	20356	20990	3.1%	28.5%
Middle East	4776	5130	5477	5488	5659	5698	5488	5806	6060	5981	6007	0.4%	8.1%
Africa	2299	2375	2393	2342	2390	2343	2233	2394	2373	2305	2275	-1.3%	3.1%
Australasia	786	807	842	872	866	880	851	847	855	823	804	-2.3%	1.1%
China	2548	2711	2850	3084	3060	3686	4218	4215	4395	4823	5469	13.4%	7.4%
Japan	4167	4169	4168	4319	4212	4149	4145	4107	3986	4118	4037	-2.0%	5.5%
Other Asia Pacific	6314	6822	7544	8183	8010	8309	8914	9054	8827	9300	9932	6.8%	13.5%
TOTAL WORLD	61617	63026	64856	66611	67173	67380	68912	69774	69505	71272	73710	3.4%	100.0%
of which: European Union 25	12747	12726	13028	13258	13769	13305	13398	13407	13192	13473	13778	2.3%	18.7%
OECD	36926	37292	38183	39455	39937	39455	39801	39822	39131	39954	40429	1.2%	54.8%
Former Soviet Union	5071	4959	4929	4940	4686	4596	4767	4966	5410	5601	5934	5.9%	8.1%
Other EMEs	19620	20775	21744	22217	22549	23329	24344	24986	24964	25717	27347	6.3%	37.1%

Note: For the purposes of this table, annual changes and shares of total are calculated using thousand barrels daily figures.

Source: Includes data from ESAI.

Refinery utilization

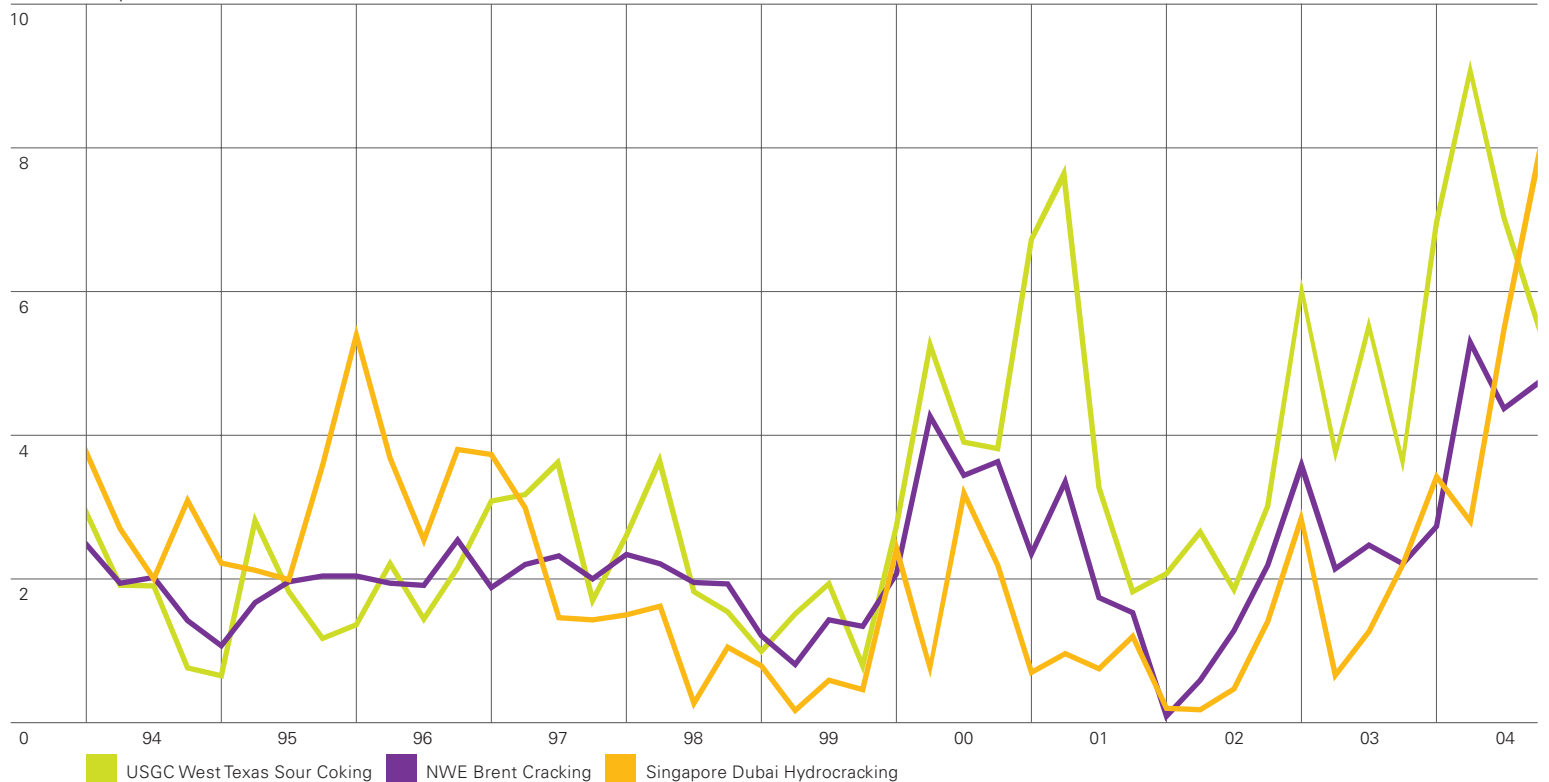
Percentage



World refinery throughputs increased sharply in 2004 in response to very strong demand growth. The largest increases were in Asia Pacific, Europe and Eurasia, and South and Central America. As a result, global average refinery utilization increased to 87%, the highest level for at least 25 years.

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	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
Imports													
USA	8929	8831	9400	9907	10382	10550	11092	11618	11357	12254	12898	5.3%	26.8%
Europe	10740	10436	10472	10421	11017	10670	11070	11531	11895	11993	12538	4.5%	26.1%
Japan	5612	5581	5685	5735	5259	5346	5329	5202	5070	5314	5203	-2.1%	10.8%
Rest of World*	10464	11562	12764	13721	13432	14157	14911	15401	15306	16238	17471	7.6%	36.3%
TOTAL WORLD	35745	36410	38321	39784	40090	40723	42402	43752	43628	45799	48110	5.0%	100.0%
Exports													
USA	943	949	978	976	1011	956	890	910	904	921	991	7.6%	2.1%
Canada	1323	1402	1484	1492	1603	1520	1703	1804	1959	2096	2148	2.5%	4.5%
Mexico	1421	1422	1656	1767	1770	1739	1814	1882	1966	2115	2070	-2.2%	4.3%
S. & Cent. America	2695	2797	3011	3219	3240	3145	3079	3143	2965	2942	3233	9.9%	6.7%
Europe	1634	1472	1540	1463	1344	1851	1967	1947	2234	2066	1993	-3.5%	4.1%
Former Soviet Union	2531	2731	3239	3413	3569	4019	4273	4679	5370	6003	6440	7.3%	13.4%
Middle East	16513	16651	17170	18184	18702	18341	18944	19098	18062	18943	19630	3.6%	40.8%
North Africa	2652	2696	2756	2743	2712	2726	2732	2724	2620	2715	2917	7.5%	6.1%
West Africa	2675	2723	2916	3102	3094	2985	3293	3182	3134	3612	4048	12.1%	8.4%
Asia Pacific†	2517	2576	2790	2735	2490	2650	2767	2879	2863	3025	3009	-0.5%	6.3%
Rest of World*	840	991	780	690	556	791	940	1506	1551	1361	1631	19.8%	3.4%
TOTAL WORLD	35744	36410	38320	39784	40091	40723	42402	43754	43628	45799	48110	5.0%	100.0%

*Includes unidentified trade.

†Excludes Japan.

Note: For the purposes of this table, annual changes and shares of total are calculated using thousand barrels daily figures.

Inter-area movements 2004

From	To											Total
	USA	Canada	Mexico	S. & C. America	Europe	Africa	Australasia	China	Japan	Other Asia Pacific	Rest of World	
USA	-	6.7	7.5	11.7	12.0	0.4	0.9	0.7	3.8	3.0	0.9	47.6
Canada	104.8	-	-	0.2	0.7	-	-	-	0.5	-	-	106.2
Mexico	81.9	1.6	-	8.3	9.1	-	-	-	0.3	1.8	0.2	103.2
S. & Cent. America	130.6	5.0	1.9	-	11.7	0.7	-	4.1	0.1	5.2	-	159.3
Europe	48.1	24.6	0.5	1.8	-	10.4	-	2.6	0.4	4.7	4.3	97.4
Former Soviet Union	13.8	-	0.1	3.5	264.9	1.0	-	18.0	2.4	5.3	9.9	318.9
Middle East	124.9	7.6	0.6	8.2	159.6	35.9	6.7	62.8	208.5	357.4	3.0	975.2
North Africa	23.3	7.0	0.5	5.6	95.5	3.9	-	2.1	0.4	5.8	0.4	144.5
West Africa	81.6	0.8	-	12.9	27.0	4.7	0.1	27.5	4.8	42.5	-	201.9
East & Southern Africa	-	-	-	-	1.3	-	-	5.8	3.8	1.3	-	12.2
Australasia	1.4	-	-	-	0.2	-	-	2.2	2.6	4.6	-	11.0
China	1.0	-	-	1.3	0.1	0.1	0.7	-	1.8	13.4	0.3	18.7
Japan	0.4	-	-	-	-	-	0.1	2.1	-	1.2	-	3.8
Other Asia Pacific	7.1	0.2	-	0.2	4.0	0.5	24.4	40.0	26.0	13.8	0.9	117.1
Unidentified*	19.5	4.5	-	-	35.3	-	1.3	0.5	2.4	-	0.2	63.7
TOTAL IMPORTS	638.4	58.0	11.1	53.7	621.4	57.6	34.2	168.4	257.8	460.0	20.1	2380.7

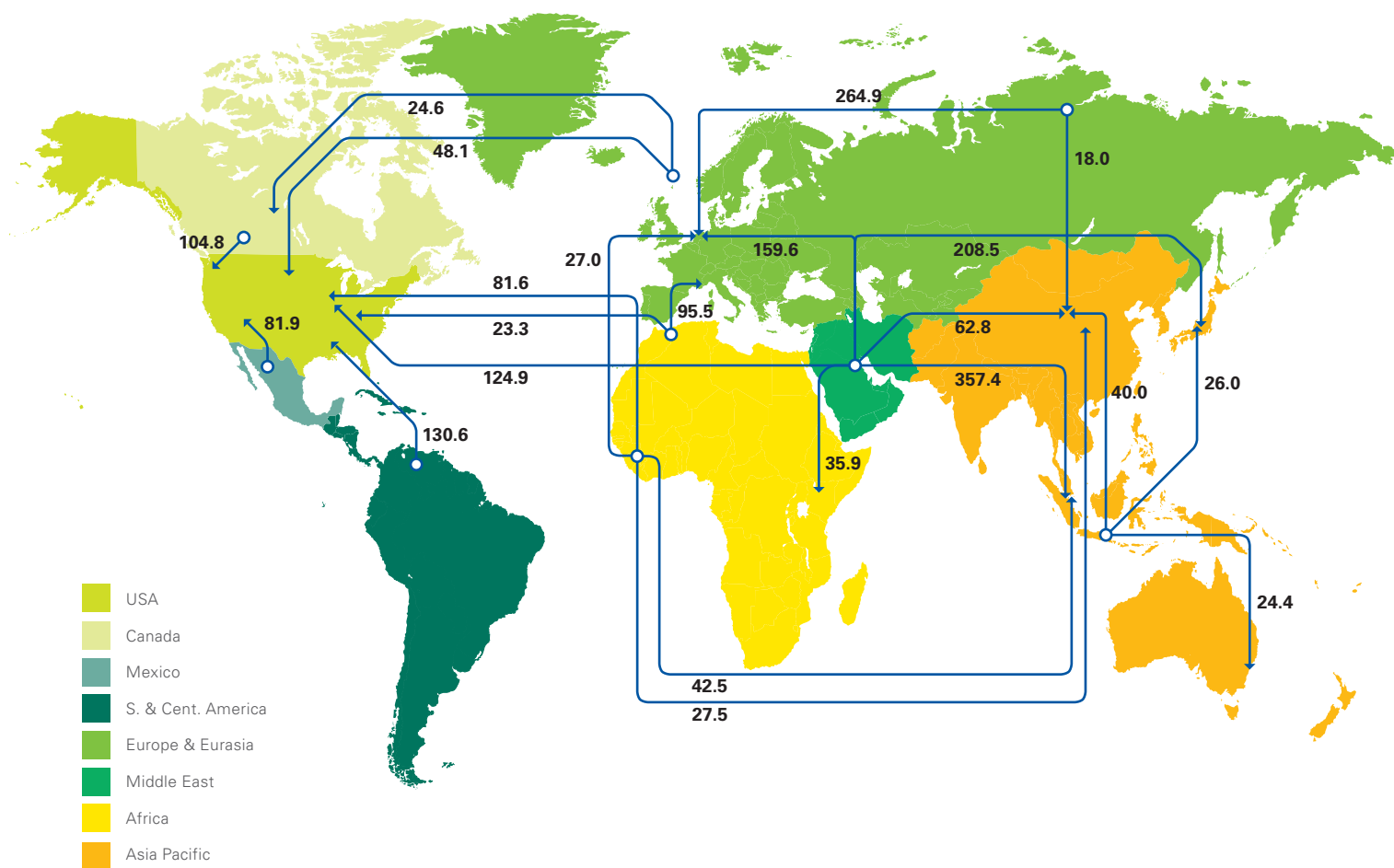
Thousand barrels daily

From	USA	Canada	Mexico	S. & C. America	Europe	Africa	Australasia	China	Japan	Other Asia Pacific	Rest of World	Total
USA	-	139	156	244	250	8	19	15	79	62	19	991
Canada	2119	-	-	4	15	-	-	-	10	-	-	2148
Mexico	1642	32	-	167	182	-	-	-	6	36	4	2070
S. & Cent. America	2647	102	40	-	239	15	-	83	2	106	-	3233
Europe	987	495	10	37	-	217	-	52	8	97	89	1993
Former Soviet Union	282	-	2	70	5343	20	-	365	49	109	200	6440
Middle East	2505	152	13	164	3203	725	135	1264	4194	7213	63	19630
North Africa	476	140	10	112	1924	79	-	42	8	117	8	2917
West Africa	1637	16	-	258	542	94	2	551	96	851	-	4048
East & Southern Africa	-	-	-	-	26	-	-	116	76	27	-	245
Australasia	28	-	-	-	4	-	-	45	53	93	-	223
China	20	-	-	27	2	2	14	-	37	276	6	385
Japan	8	-	-	-	-	-	2	44	-	25	-	79
Other Asia Pacific	145	4	-	4	83	10	495	824	533	284	19	2401
Unidentified*	400	91	-	-	725	-	27	10	50	-	4	1307
TOTAL IMPORTS	12898	1171	231	1089	12538	1171	694	3410	5203	9294	411	48110

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

Major trade movements

Trade flows worldwide (million tonnes)



Imports and exports 2004

	Million tonnes				Thousand barrels daily			
	Crude imports	Product imports	Crude exports	Product exports	Crude imports	Product imports	Crude exports	Product exports
USA	501.2	137.2	1.9	45.7	10038	2860	38	953
Canada	46.6	11.4	80.5	25.7	933	238	1612	536
Mexico	–	11.1	99.9	3.3	–	231	2001	69
S. & Cent. America	37.8	15.9	106.7	52.6	757	331	2137	1097
Europe	507.8	113.6	45.6	51.8	10170	2368	913	1080
Former Soviet Union	0.3	4.3	254.3	64.6	6	90	5093	1347
Middle East	9.2	6.3	853.8	121.4	184	131	17099	2531
North Africa	8.7	6.6	115.8	28.7	174	138	2319	598
West Africa	2.7	8.7	196.7	5.2	54	181	3939	108
East & Southern Africa	25.4	5.5	11.5	0.7	509	115	230	15
Australasia	23.5	10.7	7.8	3.2	471	223	156	67
China	122.7	45.7	5.7	13.0	2457	953	114	271
Japan	208.9	48.9	–	3.8	4184	1019	–	79
Other Asia Pacific	360.1	99.9	48.7	68.4	7212	2083	975	1426
Unidentified*	–	–	26.0	37.7	–	–	521	786
TOTAL WORLD	1854.9	525.8	1854.9	525.8	37149	10961	37149	10961

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

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

Natural gas



Proved reserves

	At end 1984 Trillion cubic metres	At end 1994 Trillion cubic metres	At end 2003 Trillion cubic metres	Trillion cubic feet	At end 2004 Trillion cubic metres	Share of total	R/P ratio
USA	5.53	4.59	5.29	186.9	5.29	2.9%	9.8
Canada	2.81	1.90	1.60	56.6	1.60	0.9%	8.8
Mexico	2.17	1.94	0.42	14.9	0.42	0.2%	11.3
Total North America	10.51	8.42	7.32	258.3	7.32	4.1%	9.6
Argentina	0.67	0.54	0.61	21.4	0.61	0.3%	13.5
Bolivia	0.13	0.11	0.78	31.4	0.89	0.5%	*
Brazil	0.08	0.15	0.25	11.5	0.33	0.2%	29.5
Colombia	0.11	0.21	0.11	3.9	0.11	0.1%	17.3
Peru	†	0.34	0.25	8.7	0.25	0.1%	*
Trinidad & Tobago	0.31	0.29	0.59	18.8	0.53	0.3%	19.2
Venezuela	1.67	3.97	4.22	148.9	4.22	2.4%	*
Other S. & Cent. America	0.24	0.23	0.17	6.0	0.17	0.1%	*
Total S. & Cent. America	3.23	5.83	6.98	250.6	7.10	4.0%	55.0
Azerbaijan	n/a	n/a	1.37	48.4	1.37	0.8%	*
Denmark	0.10	0.12	0.09	3.1	0.09	♦	9.3
Germany	0.31	0.22	0.21	7.0	0.20	0.1%	12.1
Italy	0.25	0.30	0.19	5.9	0.17	0.1%	12.8
Kazakhstan	n/a	n/a	3.00	105.9	3.00	1.7%	*
Netherlands	1.90	1.85	1.49	52.7	1.49	0.8%	21.7
Norway	0.56	1.73	2.46	84.2	2.39	1.3%	30.4
Poland	0.09	0.16	0.12	4.1	0.12	0.1%	26.4
Romania	0.21	0.43	0.31	10.4	0.30	0.2%	22.3
Russian Federation	n/a	n/a	48.00	1694.4	48.00	26.7%	81.5
Turkmenistan	n/a	n/a	2.90	102.4	2.90	1.6%	53.1
Ukraine	n/a	n/a	1.11	39.2	1.11	0.6%	60.6
United Kingdom	0.73	0.66	0.59	20.8	0.59	0.3%	6.1
Uzbekistan	n/a	n/a	1.86	65.7	1.86	1.0%	33.3
Other Europe & Eurasia	37.87	58.41	0.45	15.7	0.45	0.2%	40.9
Total Europe & Eurasia	42.02	63.87	64.14	2259.7	64.02	35.7%	60.9
Bahrain	0.21	0.15	0.09	3.2	0.09	0.1%	9.2
Iran	14.02	20.76	27.57	970.8	27.50	15.3%	*
Iraq	0.82	3.12	3.17	111.9	3.17	1.8%	*
Kuwait	1.04	1.50	1.57	55.5	1.57	0.9%	*
Oman	0.22	0.26	0.99	35.1	1.00	0.6%	56.5
Qatar	4.28	7.07	25.78	910.1	25.78	14.4%	*
Saudi Arabia	3.61	5.26	6.75	238.4	6.75	3.8%	*
Syria	0.10	0.24	0.25	13.1	0.37	0.2%	72.0
United Arab Emirates	3.11	6.78	6.06	213.9	6.06	3.4%	*
Yemen	–	0.43	0.48	16.9	0.48	0.3%	*
Other Middle East	†	†	0.05	1.9	0.05	♦	31.7
Total Middle East	27.40	45.56	72.77	2570.8	72.83	40.6%	*
Algeria	3.44	2.96	4.55	160.4	4.55	2.5%	55.4
Egypt	0.24	0.63	1.72	65.5	1.85	1.0%	69.1
Libya	0.63	1.31	1.49	52.6	1.49	0.8%	*
Nigeria	1.36	3.45	5.00	176.4	5.00	2.8%	*
Other Africa	0.56	0.78	1.18	41.5	1.18	0.7%	*
Total Africa	6.22	9.13	13.94	496.4	14.06	7.8%	96.9
Australia	0.75	1.30	2.46	86.9	2.46	1.4%	69.9
Bangladesh	0.35	0.30	0.44	15.4	0.44	0.2%	33.0
Brunei	0.24	0.40	0.35	12.1	0.34	0.2%	28.3
China	0.89	1.67	2.23	78.7	2.23	1.2%	54.7
India	0.48	0.70	0.85	32.6	0.92	0.5%	31.3
Indonesia	1.70	1.82	2.56	90.3	2.56	1.4%	34.9
Malaysia	1.39	1.93	2.46	87.0	2.46	1.4%	45.7
Myanmar	0.26	0.27	0.45	18.5	0.53	0.3%	71.0
Pakistan	0.52	0.59	0.79	28.2	0.80	0.4%	34.4
Papua New Guinea	–	0.43	0.43	15.1	0.43	0.2%	*
Thailand	0.21	0.18	0.43	15.1	0.43	0.2%	21.1
Vietnam	–	0.13	0.24	8.3	0.24	0.1%	56.5
Other Asia Pacific	0.23	0.35	0.38	13.4	0.38	0.2%	38.4
Total Asia Pacific	7.02	10.07	14.06	501.5	14.21	7.9%	43.9
TOTAL WORLD	96.39	142.89	179.21	6337.4	179.53	100.0%	66.7
of which: European Union 25	3.62	3.44	2.80	97.1	2.75	1.5%	12.8
OECD	15.62	15.00	15.14	530.3	15.02	8.4%	13.7
Former Soviet Union	37.50	58.15	58.50	2065.2	58.51	32.6%	78.9

*Over 100 years.

†Less than 0.05.

♦Less than 0.05%.

n/a not available.

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

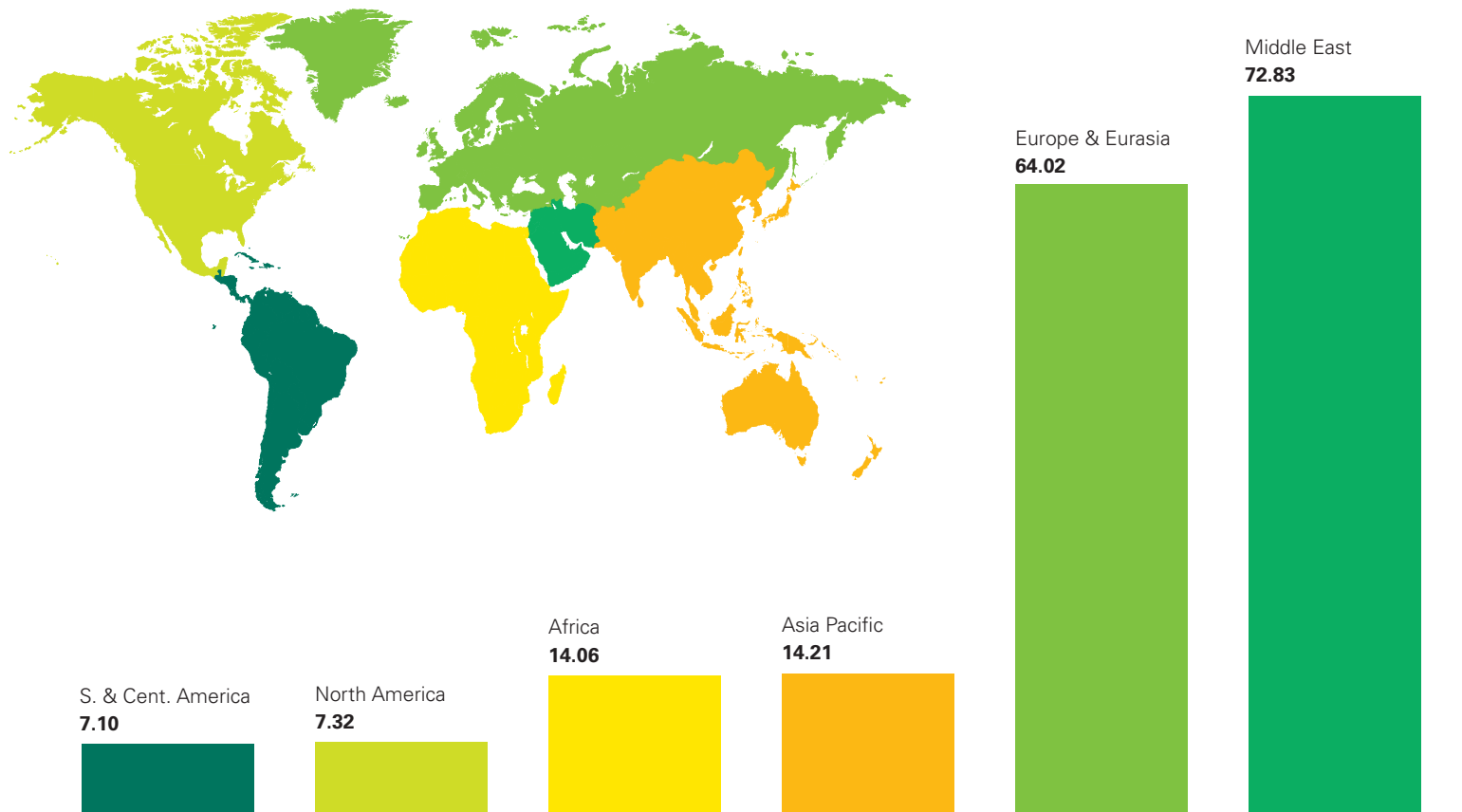
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that level.

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

The reserves figures shown do not necessarily meet the definitions, guidelines and practices used for determining proved reserves at the company level, for instance those published by the US Securities and Exchange Commission or recommended for the purposes of UK GAAP, nor do they necessarily represent BP's view of proved reserves by country.

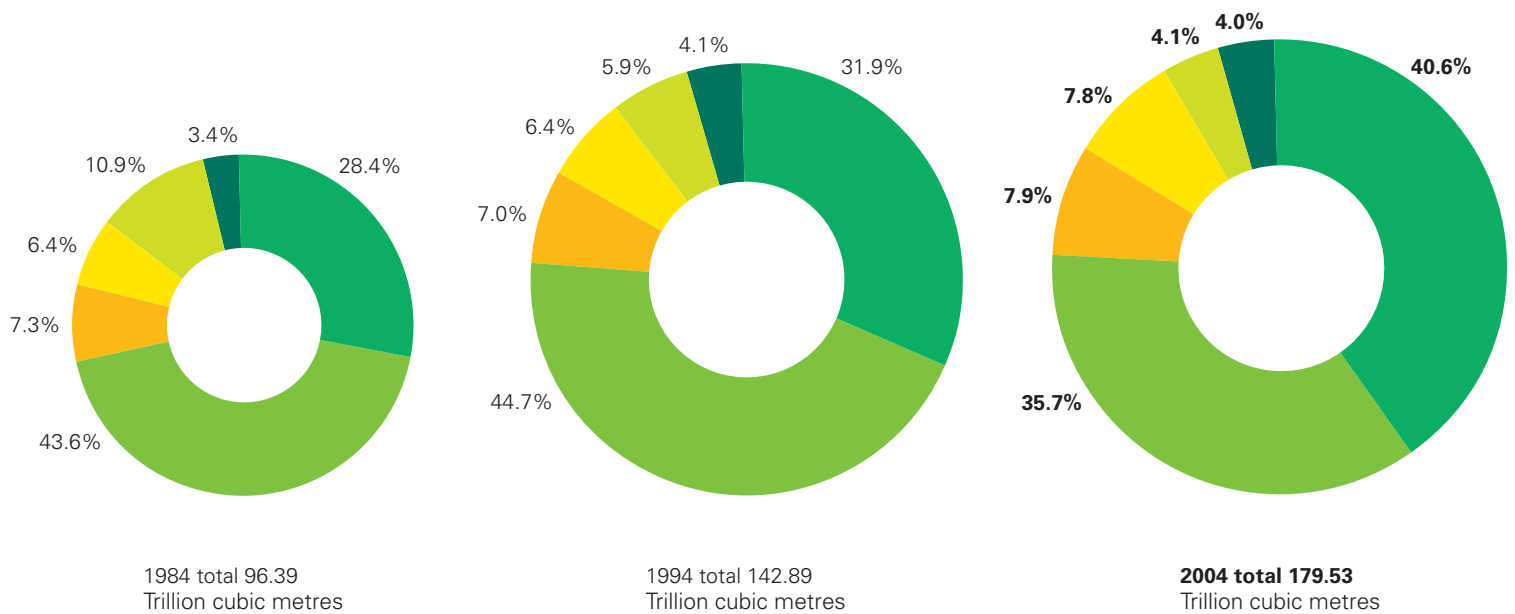
Proved reserves at end 2004

Trillion cubic metres



Distribution of proved reserves in 1984, 1994 and 2004

Percentage



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

Natural gas



Production*

Billion cubic metres	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	541.8	534.3	541.7	543.1	549.2	541.6	550.6	565.8	544.3	549.6	542.9	-1.2%	20.2%
Canada	149.1	158.7	163.6	165.8	171.3	177.4	183.2	186.8	187.8	182.7	182.8	♦	6.8%
Mexico	25.9	26.6	28.0	31.7	34.3	37.2	35.8	35.3	35.3	36.4	37.1	2.0%	1.4%
Total North America	716.7	719.6	733.3	740.6	754.8	756.2	769.6	787.9	767.4	768.7	762.8	-0.8%	28.3%
Argentina	22.3	25.0	28.9	27.4	29.6	34.6	37.4	37.1	36.1	41.0	44.9	9.4%	1.7%
Bolivia	3.3	3.2	3.2	2.7	2.8	2.3	3.2	4.7	4.9	5.7	8.5	49.6%	0.3%
Brazil	4.5	4.8	5.5	6.0	6.3	6.7	7.2	7.6	9.2	10.1	11.1	9.6%	0.4%
Colombia	4.2	4.4	4.7	5.9	6.3	5.2	5.9	6.1	6.2	6.1	6.4	4.6%	0.2%
Trinidad & Tobago	6.2	6.1	7.1	7.4	8.6	11.7	14.1	15.2	17.3	24.7	27.7	12.0%	1.0%
Venezuela	24.7	27.5	29.7	30.8	32.3	27.4	27.9	29.6	28.4	25.2	28.1	11.5%	1.0%
Other S. & Cent. America	2.2	2.2	2.3	2.4	2.5	2.1	2.2	2.3	2.3	2.2	2.5	15.3%	0.1%
Total S. & Cent. America	67.4	73.2	81.4	82.5	88.5	90.0	97.9	102.6	104.4	115.0	129.1	12.2%	4.8%
Azerbaijan	6.0	6.2	5.9	5.6	5.2	5.6	5.3	5.2	4.8	4.8	4.6	-3.5%	0.2%
Denmark	4.9	5.3	6.4	7.9	7.6	7.8	8.1	8.4	8.4	8.0	9.4	18.4%	0.4%
Germany	15.6	16.1	17.4	17.1	16.7	17.8	16.9	17.0	17.0	17.7	16.4	-7.5%	0.6%
Italy	20.6	20.4	20.0	19.3	19.0	17.5	16.2	15.2	14.6	13.7	13.0	-5.5%	0.5%
Kazakhstan	4.2	5.5	6.1	7.6	7.4	9.3	10.8	10.8	10.6	12.9	18.5	42.9%	0.7%
Netherlands	66.4	67.0	75.8	67.1	63.6	59.3	57.3	61.9	59.9	58.4	68.8	17.9%	2.6%
Norway	26.8	27.8	37.4	43.0	44.2	48.5	49.7	53.9	65.5	73.1	78.5	7.3%	2.9%
Poland	3.4	3.5	3.6	3.6	3.6	3.4	3.7	3.9	4.0	4.0	4.4	8.7%	0.2%
Romania	18.7	18.0	17.2	15.0	14.0	14.0	13.8	13.6	13.2	13.0	13.2	1.6%	0.5%
Russian Federation	566.4	555.4	561.1	532.6	551.3	551.0	545.0	542.4	555.4	578.6	589.1	1.8%	21.9%
Turkmenistan	33.3	30.1	32.8	16.1	12.4	21.3	43.8	47.9	49.9	55.1	54.6	-0.9%	2.0%
Ukraine	17.0	17.0	17.2	17.4	16.8	16.9	16.7	17.1	17.4	17.7	18.3	3.4%	0.7%
United Kingdom	64.6	70.8	84.2	85.9	90.2	99.1	108.4	105.8	103.6	102.9	95.9	-6.7%	3.6%
Uzbekistan	44.0	45.3	45.7	47.8	51.1	51.9	52.6	53.5	53.8	53.6	55.8	4.1%	2.1%
Other Europe & Eurasia	15.8	15.9	14.6	13.4	12.4	11.5	11.2	11.0	11.3	10.7	10.9	2.0%	0.4%
Total Europe & Eurasia	907.7	904.2	945.4	899.1	915.5	934.9	959.5	967.7	989.4	1024.3	1051.5	2.7%	39.1%
Bahrain	7.1	7.2	7.4	8.0	8.4	8.7	8.8	9.1	9.5	9.6	9.8	1.4%	0.4%
Iran	31.8	35.3	39.0	47.0	50.0	56.4	60.2	66.0	75.0	81.5	85.5	4.9%	3.2%
Kuwait	6.0	9.3	9.3	9.3	9.5	8.6	9.6	8.5	8.0	9.1	9.7	6.6%	0.4%
Oman	2.9	4.1	4.4	5.0	5.2	5.5	8.7	14.0	15.0	16.5	17.6	6.7%	0.7%
Qatar	13.5	13.5	13.7	17.4	19.6	22.1	23.7	27.0	29.5	31.4	39.2	24.8%	1.5%
Saudi Arabia	42.8	42.9	44.4	45.3	46.8	46.2	49.8	53.7	56.7	60.1	64.0	6.6%	2.4%
Syria	1.5	1.9	2.5	3.8	4.3	4.5	4.2	4.1	5.0	5.2	5.2	-	0.2%
United Arab Emirates	25.8	31.3	33.8	36.3	37.1	38.5	38.4	39.4	43.4	44.8	45.8	2.2%	1.7%
Other Middle East	3.4	3.4	3.5	3.3	3.2	3.4	3.4	3.0	2.6	1.8	3.2	80.2%	0.1%
Total Middle East	134.8	148.9	158.0	175.4	184.0	193.8	206.8	224.8	244.7	259.9	279.9	7.7%	10.4%
Algeria	51.6	58.7	62.3	71.8	76.6	86.0	84.4	78.2	80.4	82.8	82.0	-1.0%	3.0%
Egypt	10.6	11.0	11.5	11.6	12.2	14.7	18.3	21.5	22.7	25.0	26.8	7.5%	1.0%
Libya	5.8	5.8	5.8	6.0	5.8	4.7	5.4	5.6	5.7	6.4	7.0	9.3%	0.3%
Nigeria	4.4	4.8	5.4	5.1	5.1	6.0	12.5	14.9	14.2	19.2	20.6	7.3%	0.8%
Other Africa	2.9	3.0	3.8	4.9	5.0	5.4	5.9	6.6	8.0	8.1	8.7	7.1%	0.3%
Total Africa	75.3	83.3	88.9	99.4	104.8	116.9	126.6	126.8	130.9	141.5	145.1	2.6%	5.4%
Australia	28.1	29.8	29.8	29.8	30.4	30.8	31.2	32.5	32.6	33.2	35.2	6.2%	1.3%
Bangladesh	6.6	7.4	7.6	7.6	7.8	8.3	10.0	10.7	11.4	12.3	13.2	7.0%	0.5%
Brunei	10.4	11.8	11.7	11.7	10.8	11.2	11.3	11.4	11.5	12.4	12.1	-2.0%	0.4%
China	16.6	17.6	19.9	22.2	22.3	24.3	27.2	30.3	31.9	34.4	40.8	18.5%	1.5%
India	16.6	19.4	20.5	23.0	24.7	25.9	26.9	27.2	28.7	29.9	29.4	-1.7%	1.1%
Indonesia	62.5	63.4	67.5	67.2	64.3	71.0	68.5	66.3	70.4	72.8	73.3	0.7%	2.7%
Malaysia	26.1	28.9	33.6	38.6	38.5	40.8	45.3	46.9	48.3	51.8	53.9	4.0%	2.0%
Myanmar	1.3	1.5	1.6	1.8	1.8	2.6	4.4	6.2	6.5	6.9	7.4	6.6%	0.3%
New Zealand	4.4	4.1	4.9	5.1	4.5	5.2	5.5	5.8	5.5	4.1	3.6	-13.8%	0.1%
Pakistan	13.3	14.6	15.4	15.6	16.0	17.3	18.9	19.9	20.6	21.1	23.2	10.0%	0.9%
Thailand	9.5	10.4	12.2	15.2	16.3	17.7	18.6	18.0	18.9	19.6	20.3	3.4%	0.8%
Vietnam	0.3	0.1	0.3	0.5	0.9	1.3	1.6	2.0	2.4	2.4	4.2	75.3%	0.2%
Other Asia Pacific	3.6	3.5	3.6	3.5	3.6	3.6	3.7	3.9	5.5	6.7	6.6	-1.2%	0.2%
Total Asia Pacific	199.4	212.4	228.4	241.8	241.6	260.0	272.9	281.1	294.2	307.7	323.2	5.0%	12.0%
TOTAL WORLD	2101.3	2141.7	2235.5	2238.9	2289.0	2351.7	2433.2	2490.9	2531.1	2617.1	2691.6	2.8%	100.0%
of which: European Union 25	188.0	195.4	219.0	211.1	209.8	213.1	218.4	220.1	215.4	211.9	215.2	1.6%	8.0%
OECD	966.7	979.1	1026.8	1032.1	1046.4	1056.7	1077.5	1103.0	1089.3	1094.4	1098.6	0.4%	40.8%
Former Soviet Union	671.2	659.8	669.0	627.4	644.6	656.3	674.5	677.3	692.2	723.1	741.3	2.5%	27.5%
Other EMEs	463.4	502.7	539.6	579.5	598.0	638.7	681.2	710.6	749.5	799.5	851.7	6.5%	31.6%

*Excluding gas flared or recycled.

♦Less than 0.05%.

Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013 mbar); as 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.

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

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



Production*

Million tonnes oil equivalent

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	487.6	480.9	487.5	488.8	494.3	487.4	495.5	509.2	489.9	494.6	488.6	-1.2%	20.2%
Canada	134.2	142.8	147.3	149.2	154.1	159.7	164.9	168.1	169.0	164.5	164.5	*	6.8%
Mexico	23.3	23.9	25.2	28.5	30.9	33.5	32.2	31.8	31.8	32.7	33.4	2.0%	1.4%
Total North America	645.1	647.7	660.0	666.5	679.3	680.6	692.6	709.1	690.7	691.8	686.5	-0.8%	28.3%
Argentina	20.0	22.5	26.0	24.6	26.6	31.1	33.7	33.4	32.5	36.9	40.4	9.4%	1.7%
Bolivia	3.0	2.8	2.9	2.4	2.5	2.0	2.9	4.2	4.4	5.1	7.7	49.6%	0.3%
Brazil	4.1	4.3	5.0	5.4	5.6	6.1	6.5	6.8	8.3	9.1	10.0	9.6%	0.4%
Colombia	3.7	4.0	4.2	5.3	5.6	4.7	5.3	5.5	5.5	5.5	5.7	4.6%	0.2%
Trinidad & Tobago	5.6	5.5	6.4	6.7	7.8	10.6	12.6	13.7	15.6	22.3	24.9	12.0%	1.0%
Venezuela	22.2	24.8	26.8	27.7	29.1	24.7	25.1	26.6	25.6	22.7	25.3	11.5%	1.0%
Other S. & Cent. America	2.0	2.0	2.0	2.1	2.3	1.9	1.9	2.0	2.0	2.0	2.3	15.3%	0.1%
Total S. & Cent. America	60.6	65.9	73.2	74.3	79.6	81.0	88.1	92.3	94.0	103.5	116.2	12.2%	4.8%
Azerbaijan	5.4	5.5	5.3	5.0	4.7	5.0	4.7	4.7	4.3	4.3	4.2	-3.5%	0.2%
Denmark	4.4	4.8	5.8	7.1	6.8	7.0	7.3	7.5	7.5	7.2	8.5	18.4%	0.4%
Germany	14.0	14.5	15.7	15.4	15.0	16.1	15.2	15.3	15.3	15.9	14.7	-7.5%	0.6%
Italy	18.6	18.3	18.0	17.3	17.1	15.7	14.6	13.7	13.2	12.4	11.7	-5.5%	0.5%
Kazakhstan	3.8	5.0	5.5	6.8	6.7	8.4	9.7	9.7	9.5	11.7	16.6	42.9%	0.7%
Netherlands	59.7	60.3	68.2	60.4	57.2	53.3	51.6	55.7	53.9	52.5	61.9	17.9%	2.6%
Norway	24.2	25.0	33.7	38.7	39.8	43.6	44.8	48.5	59.0	65.8	70.6	7.3%	2.9%
Poland	3.1	3.1	3.2	3.2	3.2	3.1	3.3	3.5	3.6	3.6	3.9	8.7%	0.2%
Romania	16.8	16.2	15.5	13.5	12.6	12.6	12.4	12.2	11.9	11.7	11.9	1.6%	0.5%
Russian Federation	509.8	499.9	505.0	479.3	496.2	495.9	490.5	488.2	499.9	520.8	530.2	1.8%	21.9%
Turkmenistan	30.0	27.1	29.6	14.5	11.2	19.1	39.5	43.1	44.9	49.6	49.2	-0.9%	2.0%
Ukraine	15.3	15.3	15.4	15.7	15.1	15.2	15.0	15.4	15.7	16.0	16.5	3.4%	0.7%
United Kingdom	58.2	63.7	75.8	77.3	81.2	89.2	97.6	95.3	93.3	92.6	86.3	-6.7%	3.6%
Uzbekistan	39.6	40.8	41.1	43.0	46.0	46.7	47.4	48.2	48.4	48.3	50.3	4.1%	2.1%
Other Europe & Eurasia	14.2	14.3	13.1	12.1	11.1	10.4	10.1	9.9	10.1	9.6	9.8	2.0%	0.4%
Total Europe & Eurasia	816.9	813.8	850.9	809.2	823.9	841.4	863.5	870.9	890.5	921.9	946.4	2.7%	39.1%
Bahrain	6.4	6.5	6.7	7.2	7.5	7.8	7.9	8.2	8.5	8.7	8.8	1.4%	0.4%
Iran	28.6	31.8	35.1	42.3	45.0	50.7	54.2	59.4	67.5	73.4	77.0	4.9%	3.2%
Kuwait	5.4	8.4	8.4	8.3	8.5	7.8	8.6	7.7	7.2	8.2	8.7	6.6%	0.4%
Oman	2.6	3.6	3.9	4.5	4.7	4.9	7.8	12.6	13.5	14.9	15.8	6.7%	0.7%
Qatar	12.2	12.2	12.3	15.7	17.6	19.8	21.3	24.3	26.6	28.3	35.3	24.8%	1.5%
Saudi Arabia	38.5	38.6	40.0	40.8	42.1	41.6	44.8	48.3	51.0	54.1	57.6	6.6%	2.4%
Syria	1.3	1.7	2.2	3.5	3.8	4.0	3.8	3.7	4.5	4.6	4.6	-	0.2%
United Arab Emirates	23.2	28.2	30.4	32.7	33.4	34.6	34.5	35.4	39.1	40.3	41.2	2.2%	1.7%
Other Middle East	3.1	3.1	3.1	3.0	2.9	3.1	3.1	2.7	2.4	1.6	2.9	80.2%	0.1%
Total Middle East	121.3	134.0	142.2	157.9	165.6	174.4	186.1	202.3	220.2	233.9	251.9	7.7%	10.4%
Algeria	46.5	52.8	56.1	64.6	68.9	77.4	76.0	70.4	72.3	74.5	73.8	-1.0%	3.0%
Egypt	9.5	9.9	10.4	10.5	11.0	13.2	16.5	19.3	20.4	22.5	24.2	7.5%	1.0%
Libya	5.2	5.2	5.2	5.4	5.2	4.2	4.9	5.0	5.1	5.7	6.3	9.3%	0.3%
Nigeria	4.0	4.4	4.9	4.6	4.6	5.4	11.3	13.4	12.8	17.3	18.5	7.3%	0.8%
Other Africa	2.6	2.7	3.4	4.4	4.5	4.9	5.3	6.0	7.2	7.3	7.8	7.1%	0.3%
Total Africa	67.8	75.0	80.0	89.5	94.3	105.2	114.0	114.2	117.8	127.3	130.6	2.6%	5.4%
Australia	25.3	26.8	26.8	26.8	27.3	27.7	28.0	29.2	29.3	29.9	31.7	6.2%	1.3%
Bangladesh	6.0	6.6	6.8	6.8	7.0	7.5	9.0	9.7	10.3	11.1	11.9	7.0%	0.5%
Brunei	9.4	10.6	10.5	10.5	9.7	10.1	10.2	10.3	10.3	11.1	10.9	-2.0%	0.4%
China	14.9	15.8	17.9	20.0	20.1	21.9	24.5	27.3	28.7	31.0	36.7	18.5%	1.5%
India	14.9	17.4	18.5	20.7	22.2	23.3	24.2	24.5	25.9	26.9	26.5	-1.7%	1.1%
Indonesia	56.2	57.0	60.7	60.4	57.8	63.9	61.7	59.7	63.3	65.5	66.0	0.7%	2.7%
Malaysia	23.5	26.0	30.3	34.8	34.6	36.8	40.7	42.2	43.5	46.6	48.5	4.0%	2.0%
Myanmar	1.2	1.3	1.5	1.6	1.6	2.4	3.9	5.6	5.8	6.2	6.6	6.6%	0.3%
New Zealand	4.0	3.7	4.4	4.6	4.0	4.7	4.9	5.2	4.9	3.7	3.2	-13.8%	0.1%
Pakistan	12.0	13.1	13.8	14.0	14.4	15.6	17.0	17.9	18.5	19.0	20.9	10.0%	0.9%
Thailand	8.6	9.4	10.9	13.7	14.7	16.0	16.8	16.2	17.0	17.6	18.2	3.4%	0.8%
Vietnam	0.2	0.1	0.3	0.5	0.8	1.2	1.4	1.8	2.2	2.1	3.7	75.3%	0.2%
Other Asia Pacific	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.5	5.0	6.1	6.0	-1.2%	0.2%
Total Asia Pacific	179.4	191.2	205.6	217.6	217.4	234.0	245.6	253.0	264.8	276.9	290.8	5.0%	12.0%
TOTAL WORLD	1891.2	1927.5	2011.9	2015.0	2060.1	2116.5	2189.9	2241.8	2278.0	2355.4	2422.4	2.8%	100.0%
of which: European Union 25	169.2	175.9	197.1	190.0	188.8	191.8	196.6	198.1	193.8	190.7	193.7	1.6%	8.0%
OECD	870.0	881.2	924.2	928.8	941.8	951.0	969.7	992.7	980.4	985.0	988.7	0.4%	40.8%
Former Soviet Union	604.1	593.9	602.1	564.7	580.1	590.6	607.1	609.6	623.0	650.8	667.2	2.5%	27.5%
Other EMEs	417.0	452.4	485.7	521.5	538.2	574.8	613.1	639.6	674.6	719.6	766.5	6.5%	31.6%

*Excluding gas flared or recycled.

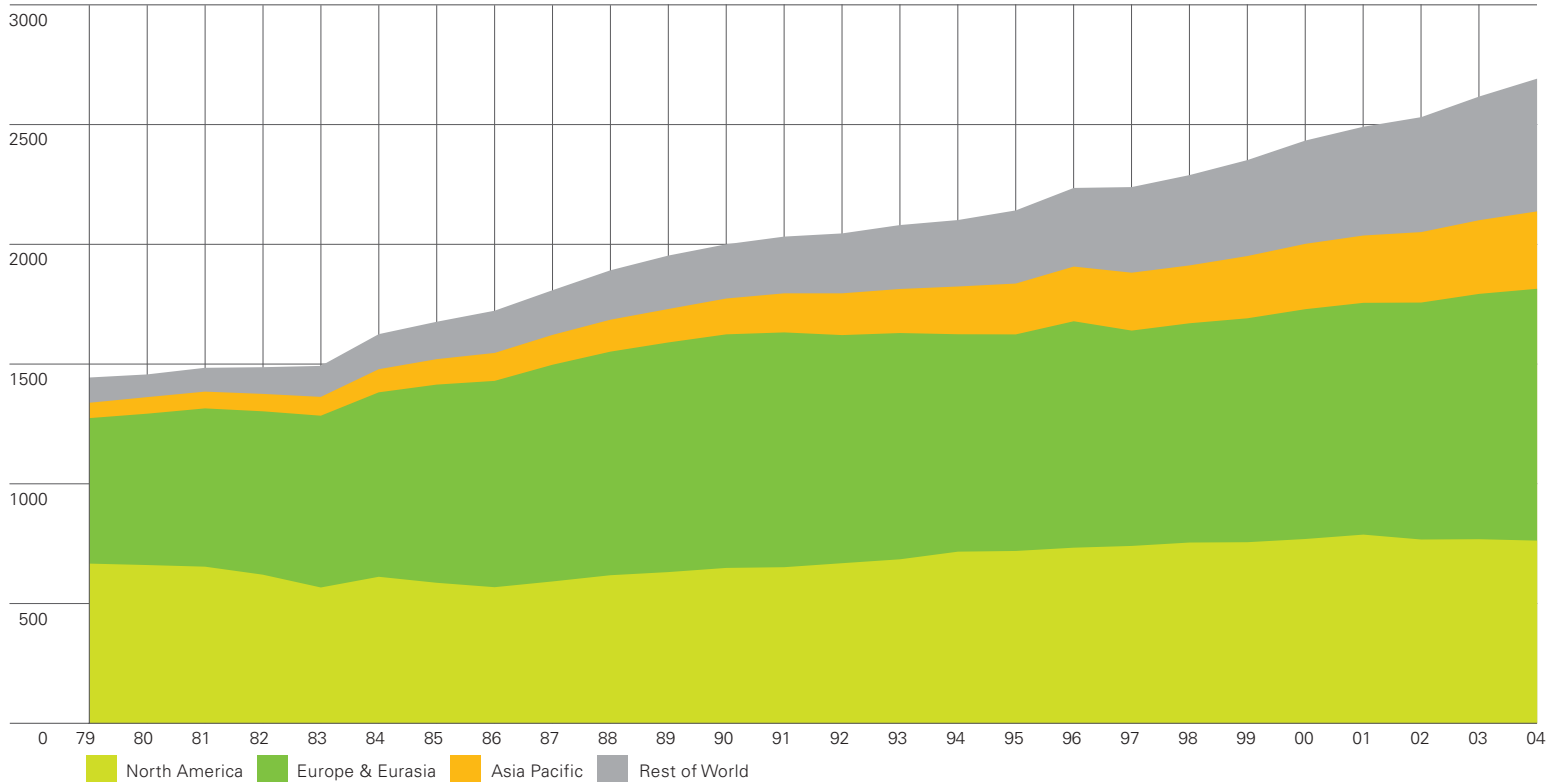
*Less than 0.05%.

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

Natural gas

Production by area

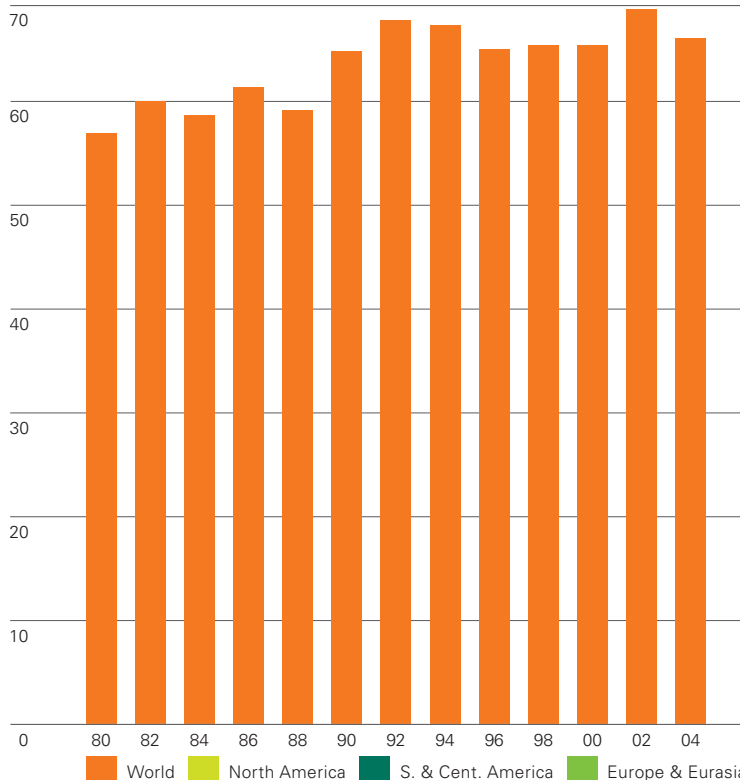
Billion cubic metres



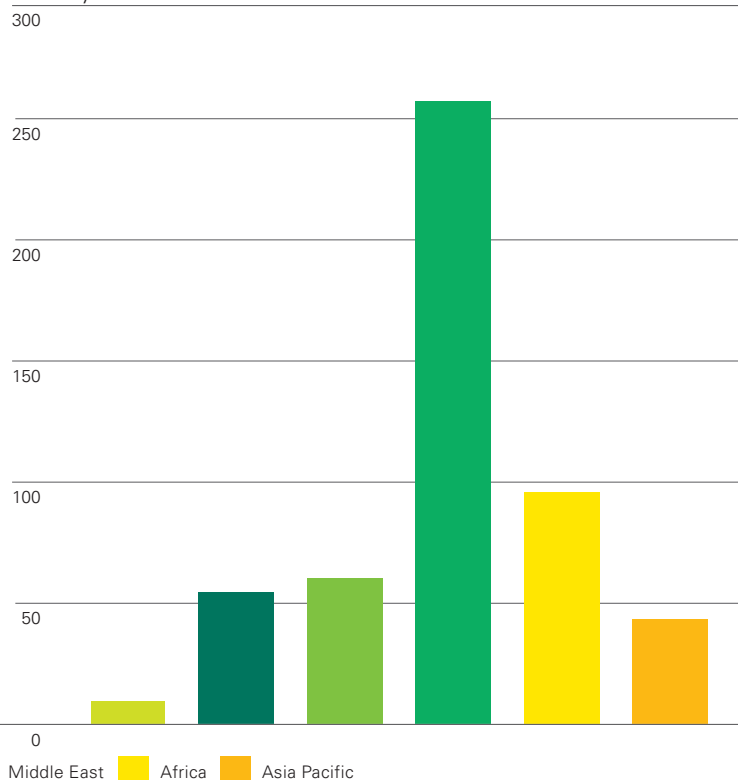
Gas production increased in every region except North America, where US output continued to decline. The largest increases were in Russia, the Netherlands, China and the Middle East. European output rose despite the continued decline in the UK.

Reserves-to-production (R/P) ratios

World



2004 by area



The world's gas reserves-to-production (R/P) ratio declined to 66.7 years in 2004, but remains well above the oil R/P ratio. Gas reserves are 26% higher than the 1994 level; production is 28% higher.



Consumption

Billion cubic metres	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	611.6	638.0	649.6	653.2	642.2	644.3	669.7	641.4	661.6	645.3	646.7	0.2%	24.0%
Canada	78.8	80.2	85.3	83.8	85.0	83.1	83.0	82.8	85.6	92.2	89.5	-2.9%	3.3%
Mexico	27.0	28.1	28.6	32.3	35.4	37.4	38.5	39.0	42.7	45.8	48.2	5.1%	1.8%
Total North America	717.4	746.3	763.4	769.3	762.6	764.8	791.2	763.2	789.9	783.3	784.3	0.1%	29.2%
Argentina	24.3	27.0	31.0	28.5	30.5	32.4	33.2	31.2	30.3	34.6	37.9	9.5%	1.4%
Brazil	4.5	4.8	5.5	6.0	6.3	7.1	9.3	11.7	14.4	15.9	18.9	19.1%	0.7%
Chile	1.7	1.6	1.7	2.8	3.3	4.6	5.2	6.3	6.5	7.1	8.2	16.1%	0.3%
Colombia	4.2	4.4	4.7	5.9	6.2	5.2	5.9	6.1	6.1	6.0	6.3	4.6%	0.2%
Ecuador	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	-	♦
Peru	0.4	0.4	0.4	0.2	0.4	0.4	0.3	0.4	0.4	0.5	0.9	64.3%	♦
Venezuela	24.7	27.5	29.7	30.8	32.3	27.4	27.9	29.6	28.4	25.2	28.1	11.5%	1.0%
Other S. & Cent. America	7.3	7.3	8.2	8.5	10.0	11.3	11.9	13.6	14.4	16.5	17.6	7.0%	0.7%
Total S. & Cent. America	67.1	73.1	81.4	82.9	89.1	88.5	94.0	99.1	100.7	105.8	117.9	11.4%	4.4%
Austria	7.2	7.9	8.4	8.1	8.3	8.5	8.1	8.6	8.5	9.4	9.5	0.9%	0.4%
Azerbaijan	8.1	8.0	5.9	5.6	5.2	5.6	5.4	7.8	7.8	8.0	8.5	6.9%	0.3%
Belarus	13.6	12.3	13.0	14.8	15.0	15.3	16.2	16.1	16.6	17.2	18.5	7.6%	0.7%
Belgium & Luxembourg	10.8	11.8	13.1	12.5	13.8	14.7	14.9	14.6	14.8	16.0	16.3	1.7%	0.6%
Bulgaria	4.1	5.0	5.2	4.1	3.5	3.0	3.3	3.0	2.7	2.6	3.1	21.3%	0.1%
Czech Republic	6.3	7.3	8.4	8.5	8.5	8.6	8.3	8.9	8.7	8.7	8.8	1.5%	0.3%
Denmark	3.0	3.5	4.1	4.4	4.8	5.0	4.9	5.1	5.1	5.4	5.4	♦	0.2%
Finland	3.1	3.2	3.3	3.2	3.7	3.7	3.7	4.1	4.0	4.5	4.4	-3.0%	0.2%
France	30.9	32.9	36.1	34.6	37.0	37.7	39.7	41.7	41.7	43.3	44.7	3.1%	1.7%
Germany	67.9	74.4	83.6	79.2	79.7	80.2	79.5	82.9	82.6	85.5	85.9	0.4%	3.2%
Greece	†	†	†	0.2	0.8	1.4	1.9	1.9	2.0	2.3	2.4	7.5%	0.1%
Hungary	9.4	10.2	11.4	10.8	10.9	11.0	10.7	11.9	12.0	13.1	13.0	-0.8%	0.5%
Iceland	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic of Ireland	2.4	2.6	3.0	3.1	3.1	3.3	3.8	4.0	4.1	4.1	4.1	-0.8%	0.2%
Italy	45.3	49.9	51.5	53.2	57.2	62.2	64.9	65.0	64.6	70.7	73.3	3.8%	2.7%
Kazakhstan	10.3	10.8	9.0	7.1	7.3	7.9	9.7	10.1	11.1	13.0	15.2	17.3%	0.6%
Lithuania	2.0	2.3	2.5	2.6	2.3	2.4	2.7	2.8	2.9	3.1	3.1	-0.3%	0.1%
Netherlands	36.9	37.8	41.7	39.1	38.7	37.9	39.2	39.1	39.3	40.3	43.5	8.0%	1.6%
Norway	2.9	2.9	3.2	3.7	3.8	3.6	4.0	3.8	4.0	4.3	4.6	5.6%	0.2%
Poland	9.2	9.9	10.6	10.5	10.6	10.3	11.1	11.5	11.2	11.2	13.2	17.7%	0.5%
Portugal	-	-	-	0.1	0.8	2.3	2.4	2.6	2.8	3.0	3.1	1.6%	0.1%
Romania	24.2	24.0	24.2	20.0	18.7	17.2	17.1	16.6	17.2	18.3	18.8	2.6%	0.7%
Russian Federation	390.9	377.8	379.9	350.4	364.7	363.6	377.2	372.7	388.9	392.9	402.1	2.3%	15.0%
Slovakia	5.0	5.7	6.2	6.3	6.4	6.4	6.5	6.9	7.2	7.0	6.8	-3.1%	0.3%
Spain	7.2	8.3	9.3	12.3	13.1	15.0	16.9	18.2	20.8	23.6	27.3	15.5%	1.0%
Sweden	0.8	0.8	0.9	0.8	0.9	0.8	0.7	0.7	0.8	0.8	0.8	-0.3%	♦
Switzerland	2.2	2.4	2.6	2.5	2.6	2.7	2.7	2.8	2.8	2.9	3.0	2.3%	0.1%
Turkey	6.5	6.8	9.0	9.4	9.9	12.0	14.1	16.0	17.4	20.9	22.1	5.7%	0.8%
Turkmenistan	10.2	8.0	10.0	10.1	10.3	11.3	12.6	12.9	13.2	14.6	15.5	5.7%	0.6%
Ukraine	81.3	76.2	82.5	74.3	68.8	73.0	73.1	70.9	65.0	71.2	70.7	-0.7%	2.6%
United Kingdom	66.1	70.5	82.1	84.5	87.9	92.5	96.8	96.3	95.1	95.4	98.0	2.7%	3.6%
Uzbekistan	41.3	42.4	43.3	45.4	47.0	49.3	47.1	51.1	52.4	47.2	49.3	4.5%	1.8%
Other Europe & Eurasia	13.9	13.8	13.5	14.7	14.6	12.9	13.4	15.1	14.2	14.3	13.7	-4.6%	0.5%
Total Europe & Eurasia	923.0	929.4	977.5	936.1	959.9	981.3	1012.9	1025.7	1041.5	1074.9	1108.5	3.1%	41.2%
Iran	31.8	35.2	38.9	47.1	51.8	58.4	62.9	70.2	79.2	82.9	87.1	5.1%	3.2%
Kuwait	6.0	9.3	9.3	9.3	9.5	8.6	9.6	9.5	8.0	9.1	9.7	6.6%	0.4%
Qatar	13.5	13.5	13.7	14.5	14.8	14.0	9.7	11.0	11.1	12.2	15.1	24.0%	0.6%
Saudi Arabia	42.8	42.9	44.4	45.3	46.8	46.2	49.8	53.7	56.7	60.1	64.0	6.6%	2.4%
United Arab Emirates	21.7	24.8	27.2	29.0	30.4	31.4	31.4	32.3	36.4	37.9	39.6	4.6%	1.5%
Other Middle East	14.9	16.1	17.3	19.6	20.5	21.5	22.1	22.8	23.6	23.9	26.6	11.4%	1.0%
Total Middle East	130.6	141.8	150.7	164.9	173.7	180.1	185.4	199.4	215.1	226.1	242.2	7.2%	9.0%
Algeria	19.6	21.0	21.6	20.2	20.9	21.3	19.8	20.5	20.2	21.4	21.2	-0.9%	0.8%
Egypt	10.4	11.0	11.3	11.6	12.0	14.3	18.3	21.5	22.7	24.6	25.7	4.5%	1.0%
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Africa	11.9	12.8	14.3	14.4	14.9	15.2	17.0	17.1	18.8	20.7	21.7	4.9%	0.8%
Total Africa	41.9	44.8	47.2	46.1	47.7	50.9	55.2	59.1	61.7	66.7	68.6	2.9%	2.6%
Australia	19.6	20.4	20.7	21.4	22.4	23.2	23.6	24.0	25.2	24.3	24.5	1.1%	0.9%
Bangladesh	6.6	7.4	7.6	7.6	7.8	8.3	10.0	10.7	11.4	12.3	13.2	7.0%	0.5%
China	16.6	17.7	17.7	19.3	19.3	21.4	24.5	27.8	29.6	32.8	39.0	19.0%	1.5%
China Hong Kong SAR	-	†	1.7	2.6	2.5	2.7	2.5	2.5	2.4	1.5	2.2	44.5%	0.1%
India	16.6	19.4	20.5	23.0	24.7	25.9	26.9	27.2	28.7	29.9	32.1	7.1%	1.2%
Indonesia	27.3	30.1	32.2	31.9	27.8	31.8	32.3	33.5	34.5	33.4	33.7	0.8%	1.3%
Japan	60.3	61.2	66.1	65.1	69.5	74.6	76.2	79.0	71.9	76.5	72.2	-5.7%	2.7%
Malaysia	13.6	13.7	17.8	16.7	17.4	16.1	24.3	25.8	26.8	31.8	33.2	4.4%	1.2%
New Zealand	4.4	4.2	4.7	5.1	4.5	5.2	5.5	5.7	5.5	4.1	3.6	-13.8%	0.1%
Pakistan	13.3	14.6	15.4	15.6	16.0	17.3	18.9	19.9	20.6	23.4	25.7	9.8%	1.0%
Philippines	†	†	†	†	†	†	†	0.1	1.8	2.7	2.5	-7.7%	0.1%
Singapore	1.5	1.5	1.5	1.5	1.5	1.5	1.7	4.5	4.9	5.3	7.8	45.7%	0.3%
South Korea	8.5	10.2	13.5	16.4	15.4	18.7	21.0	23.1	25.7	26.9	31.6	17.4%	1.2%
Taiwan	4.0	4.3	4.5	5.1	6.4	6.2	6.7	7.4	8.5	8.7	10.1	16.4%	0.4%
Thailand	9.5	10.0	11.8	14.6	15.9	17.4	20.5	22.5	24.4	27.5	28.7	4.7%	1.1%
Other Asia Pacific	3.4	3.5	3.8	4.3	4.7	5.0	5.1	5.2	5.3	5.7	7.8	38.1%	0.3%
Total Asia Pacific	205.3	218.1	239.6	250.2	255.6	275.3	299.7	319.0	327.1	346.8	367.7	6.0%	13.7%
TOTAL WORLD	2085.2	2153.6	2259.9	2249.5	2288.6	2340.8	2438.3	2465.5	2536.0	2603.5	2689.3	3.3%	100.0%
of which: European Union 25	315.7	341.5	378.9	376.6	391.4	406.6	419.9	430.2	431.6	450.9	466.9	3.5%	17.4%
OECD	1133.4	1191.1	1257.1	1264.3	1276.8	1306.2	1352.5	1341.7	1367.6	1387.6	1406.1	1.3%	52.3%
Former Soviet Union	567.0	547.0	553.9	519.1	529.4	536.2	551.9	553.1	565.5	574.9	590.0	2.6%	21.9%
Other EMEs	384.8	415.5	448.9	466.1	482.3	498.4	534.0	570.8	602.8	641.0	693.1	8.1%	25.8%

†Less than 0.05.

♦Less than 0.

Natural gas



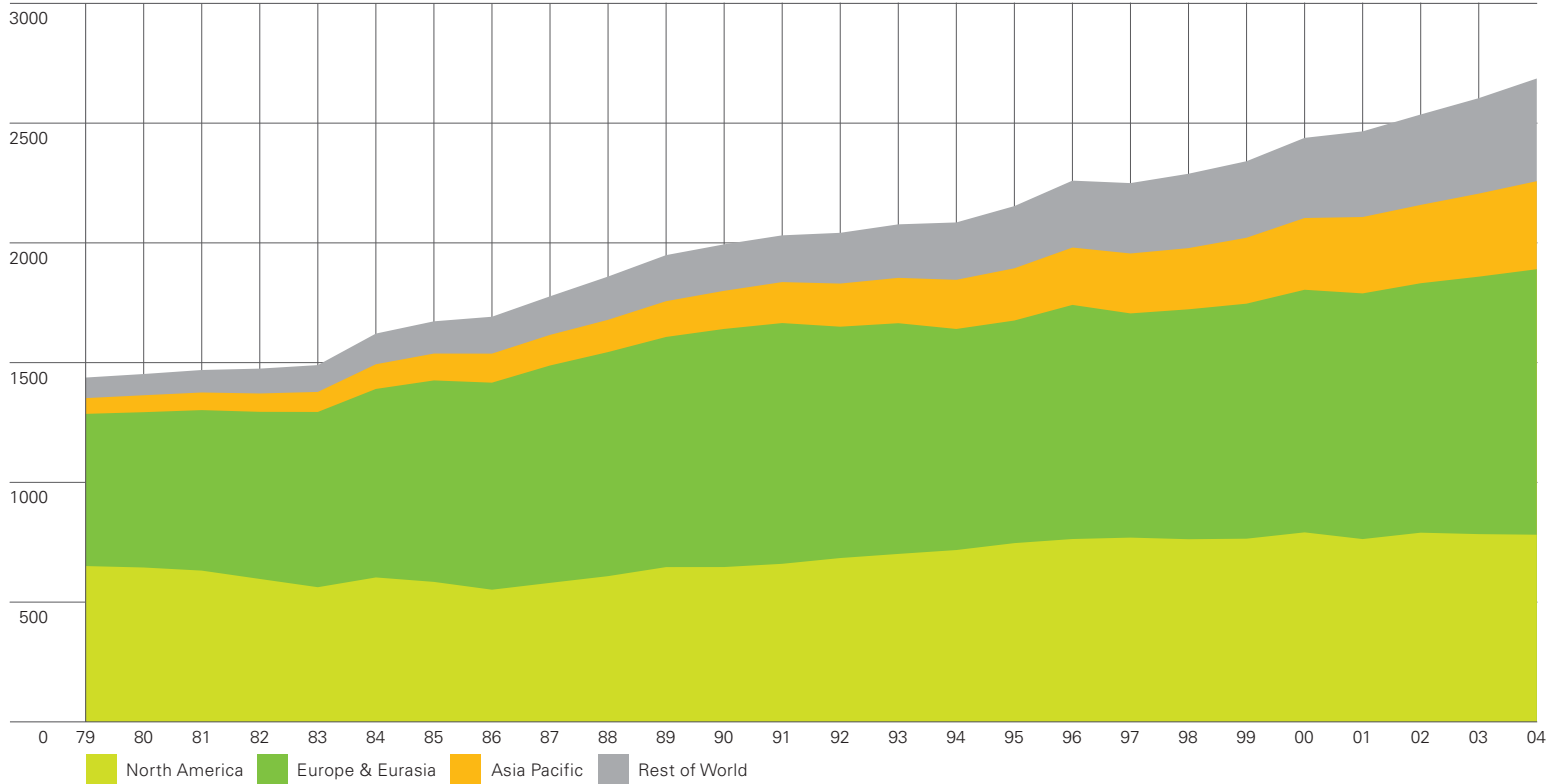
Consumption

Million tonnes oil equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	550.5	574.2	584.6	587.9	578.0	579.9	602.7	577.3	595.5	580.8	582.0	0.2%	24.0%
Canada	70.9	72.2	76.7	75.4	76.5	74.8	74.7	74.5	77.0	82.9	80.5	-2.9%	3.3%
Mexico	24.3	25.3	25.7	29.1	31.9	33.6	34.6	35.1	38.4	41.2	43.3	5.1%	1.8%
Total North America	645.6	671.7	687.1	692.4	686.4	688.3	712.1	686.9	710.9	705.0	705.9	0.1%	29.2%
Argentina	21.8	24.3	27.9	25.7	27.5	29.1	29.9	28.1	27.2	31.1	34.1	9.5%	1.4%
Brazil	4.1	4.3	5.0	5.4	5.6	6.4	8.4	10.5	13.0	14.3	17.0	19.1%	0.7%
Chile	1.5	1.5	1.5	2.5	2.9	4.1	4.7	5.7	5.9	6.4	7.4	16.1%	0.3%
Colombia	3.7	4.0	4.2	5.3	5.6	4.7	5.3	5.5	5.5	5.4	5.7	4.6%	0.2%
Ecuador	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	†	†	-	♦
Peru	0.4	0.4	0.4	0.2	0.4	0.4	0.3	0.3	0.4	0.5	0.8	64.3%	♦
Venezuela	22.2	24.8	26.8	27.7	29.1	24.7	25.1	26.6	25.6	22.7	25.3	11.5%	1.0%
Other S. & Cent. America	6.5	6.5	7.4	7.7	9.0	10.2	10.7	12.2	13.0	14.8	15.9	7.0%	0.7%
Total S. & Cent. America	60.4	65.8	73.2	74.6	80.2	79.6	84.6	89.2	90.7	95.3	106.2	11.4%	4.4%
Austria	6.5	7.1	7.6	7.3	7.5	7.6	7.3	7.7	7.7	8.5	8.5	0.9%	0.4%
Azerbaijan	7.3	7.2	5.3	5.0	4.7	5.0	4.9	7.0	7.0	7.2	7.7	6.9%	0.3%
Belarus	12.3	11.1	11.7	13.3	13.5	13.8	14.6	14.5	14.9	15.4	16.6	7.6%	0.7%
Belgium & Luxembourg	9.7	10.6	11.8	11.3	12.4	13.3	13.4	13.2	13.4	14.4	14.7	1.7%	0.6%
Bulgaria	3.7	4.5	4.6	3.7	3.1	2.7	2.9	2.7	2.4	2.3	2.8	21.3%	0.1%
Czech Republic	5.7	6.5	7.6	7.7	7.7	7.7	7.5	8.0	7.8	7.8	8.0	1.5%	0.3%
Denmark	2.7	3.1	3.7	3.9	4.3	4.5	4.4	4.6	4.6	4.9	4.9	♦	0.2%
Finland	2.8	2.9	3.0	2.9	3.3	3.3	3.4	3.7	3.6	4.0	3.9	-3.0%	0.2%
France	27.8	29.6	32.5	31.2	33.3	33.9	35.7	37.5	37.5	39.0	40.2	3.1%	1.7%
Germany	61.1	67.0	75.2	71.3	71.7	72.1	71.5	74.6	74.3	77.0	77.3	0.4%	3.2%
Greece	†	†	†	0.2	0.7	1.2	1.7	1.7	1.8	2.0	2.2	7.5%	0.1%
Hungary	8.4	9.2	10.2	9.7	9.8	9.9	9.7	10.7	10.8	11.8	11.7	-0.8%	0.5%
Iceland	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic of Ireland	2.2	2.3	2.7	2.8	2.8	3.0	3.4	3.6	3.7	3.7	3.6	-0.8%	0.2%
Italy	40.8	44.9	46.4	47.9	51.5	56.0	58.4	58.5	58.1	63.6	66.0	3.8%	2.7%
Kazakhstan	9.2	9.7	8.1	6.4	6.5	7.1	8.7	9.1	10.0	11.7	13.7	17.3%	0.6%
Lithuania	1.8	2.1	2.3	2.4	2.1	2.2	2.5	2.5	2.6	2.8	2.8	-0.3%	0.1%
Netherlands	33.2	34.0	37.5	35.2	34.9	34.1	35.3	35.2	35.4	36.2	39.1	8.0%	1.6%
Norway	2.6	2.7	2.9	3.3	3.4	3.2	3.6	3.4	3.6	3.9	4.1	5.6%	0.2%
Poland	8.2	8.9	9.5	9.4	9.5	9.3	10.0	10.4	10.1	10.1	11.9	17.7%	0.5%
Portugal	-	-	-	0.1	0.7	2.0	2.1	2.3	2.5	2.7	2.8	1.6%	0.1%
Romania	21.8	21.6	21.8	18.0	16.8	15.5	15.4	14.9	15.5	16.5	16.9	2.6%	0.7%
Russian Federation	351.8	340.0	341.9	315.3	328.3	327.3	339.5	335.4	350.0	353.6	361.8	2.3%	15.0%
Slovakia	4.5	5.1	5.5	5.6	5.7	5.8	5.8	6.2	6.5	6.3	6.1	-3.1%	0.3%
Spain	6.5	7.5	8.4	11.1	11.8	13.5	15.2	16.4	18.8	21.3	24.6	15.5%	1.0%
Sweden	0.7	0.7	0.8	0.7	0.8	0.8	0.7	0.6	0.7	0.7	0.7	-0.3%	♦
Switzerland	2.0	2.2	2.4	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.7	2.3%	0.1%
Turkey	5.9	6.2	8.1	8.5	8.9	10.8	12.7	14.4	15.6	18.8	19.9	5.7%	0.8%
Turkmenistan	9.2	7.2	9.0	9.1	9.2	10.2	11.3	11.6	11.9	13.2	13.9	5.7%	0.6%
Ukraine	73.2	68.6	74.2	66.8	61.9	65.7	65.8	63.8	58.5	64.1	63.6	-0.7%	2.6%
United Kingdom	59.5	63.5	73.9	76.0	79.1	83.2	87.1	86.7	85.6	85.9	88.2	2.7%	3.6%
Uzbekistan	37.2	38.1	39.0	40.9	42.3	44.3	42.4	46.0	47.2	42.5	44.4	4.5%	1.8%
Other Europe & Eurasia	12.5	12.4	12.2	13.3	13.2	11.6	12.1	13.6	12.7	12.9	12.3	-4.6%	0.5%
Total Europe & Eurasia	830.7	836.5	879.7	842.4	863.9	883.2	911.6	923.1	937.4	967.4	997.7	3.1%	41.2%
Iran	28.6	31.7	35.0	42.4	46.6	52.5	56.6	63.2	71.3	74.6	78.4	5.1%	3.2%
Kuwait	5.4	8.4	8.4	8.3	8.5	7.8	8.6	8.6	7.2	8.2	8.7	6.6%	0.4%
Qatar	12.2	12.2	12.3	13.1	13.3	12.6	8.7	9.9	10.0	11.0	13.6	24.0%	0.6%
Saudi Arabia	38.5	38.6	40.0	40.8	42.1	41.6	44.8	48.3	51.0	54.1	57.6	6.6%	2.4%
United Arab Emirates	19.5	22.3	24.4	26.1	27.4	28.3	28.3	29.1	32.8	34.1	35.6	4.6%	1.5%
Other Middle East	13.4	14.5	15.6	17.7	18.5	19.4	19.9	20.5	21.2	21.5	24.0	11.4%	1.0%
Total Middle East	117.6	127.6	135.7	148.4	156.4	162.1	166.9	179.5	193.6	203.4	218.0	7.2%	9.0%
Algeria	17.6	18.9	19.4	18.1	18.8	19.2	17.9	18.5	18.2	19.3	19.1	-0.9%	0.8%
Egypt	9.4	9.9	10.2	10.4	10.8	12.9	16.5	19.3	20.4	22.1	23.1	4.5%	1.0%
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Africa	10.7	11.5	12.9	12.9	13.4	13.7	15.3	15.4	16.9	18.6	19.6	4.9%	0.8%
Total Africa	37.7	40.3	42.5	41.5	42.9	45.8	49.6	53.2	55.5	60.0	61.8	2.9%	2.6%
Australia	17.7	18.4	18.7	19.3	20.1	20.9	21.3	21.6	22.7	21.8	22.1	1.1%	0.9%
Bangladesh	6.0	6.6	6.8	6.8	7.0	7.5	9.0	9.7	10.3	11.1	11.9	7.0%	0.5%
China	14.9	15.9	15.9	17.4	17.4	19.3	22.1	25.0	26.7	29.5	35.1	19.0%	1.5%
China Hong Kong SAR	-	†	1.5	2.4	2.2	2.4	2.2	2.2	2.1	1.4	2.0	44.5%	0.1%
India	14.9	17.4	18.5	20.7	22.2	23.3	24.2	24.5	25.9	26.9	28.9	7.1%	1.2%
Indonesia	24.6	27.0	29.0	28.7	25.0	28.7	29.1	30.1	31.1	30.1	30.3	0.8%	1.3%
Japan	54.3	55.0	59.5	58.6	62.5	67.1	68.6	71.1	64.7	68.9	64.9	-5.7%	2.7%
Malaysia	12.3	12.4	16.0	15.0	15.7	14.5	21.9	23.2	24.1	28.6	29.9	4.4%	1.2%
New Zealand	4.0	3.7	4.3	4.6	4.0	4.7	4.9	5.2	4.9	3.7	3.2	-13.8%	0.1%
Pakistan	12.0	13.1	13.8	14.0	14.4	15.6	17.0	17.9	18.5	21.0	23.1	9.8%	1.0%
Philippines	†	†	†	†	†	†	†	0.1	1.6	2.4	2.2	-7.7%	0.1%
Singapore	1.4	1.4	1.4	1.4	1.4	1.4	1.6	4.1	4.4	4.8	7.0	45.7%	0.3%
South Korea	7.6	9.2	12.2	14.8	13.8	16.8	18.9	20.8	23.1	24.2	28.4	17.4%	1.2%
Taiwan	3.6	3.9	4.0	4.6	5.7	5.6	6.1	6.7	7.7	7.8	9.1	16.4%	0.4%
Thailand	8.6	9.0	10.7	13.1	14.3	15.6	18.4	20.3	21.9	24.7	25.9	4.7%	1.1%
Other Asia Pacific	3.0	3.1	3.5	3.9	4.2	4.5	4.6	4.7	4.8	5.1	7.1	38.1%	0.3%
Total Asia Pacific	184.8	196.3	215.6	225.2	230.0	247.7	269.7	287.1	294.4	312.1	330.9	6.0%	13.7%
TOTAL WORLD	1876.7	1938.2	2033.9	2024.5	2059.7	2106.7	2194.5	2219.0	2282.4	2343.2	2420.4	3.3%	100.0%
of which: European Union 25	284.2	307.4	341.0	339.0	352.2	366.0	377.9	387.1	388.4	405.8	420.2	3.5%	17.4%
OECD	1020.0	1072.0	1131.4	1137.9	1149.1	1175.6	1217.2	1207.5	1230.9	1248.9	1265.5	1.3%	52.3%
Former Soviet Union	510.3	492.3	498.5	467.1	476.5	482.6	496.7	497.8	509.0	517.4	531.0	2.6%	21.9%
Other EMEs	346.3	373.9	404.0	419.5	434.1	448.6	480.6	513.7	542.6	576.9	623.8	8.1%	25.8%

†Less than 0.05.

Consumption by area

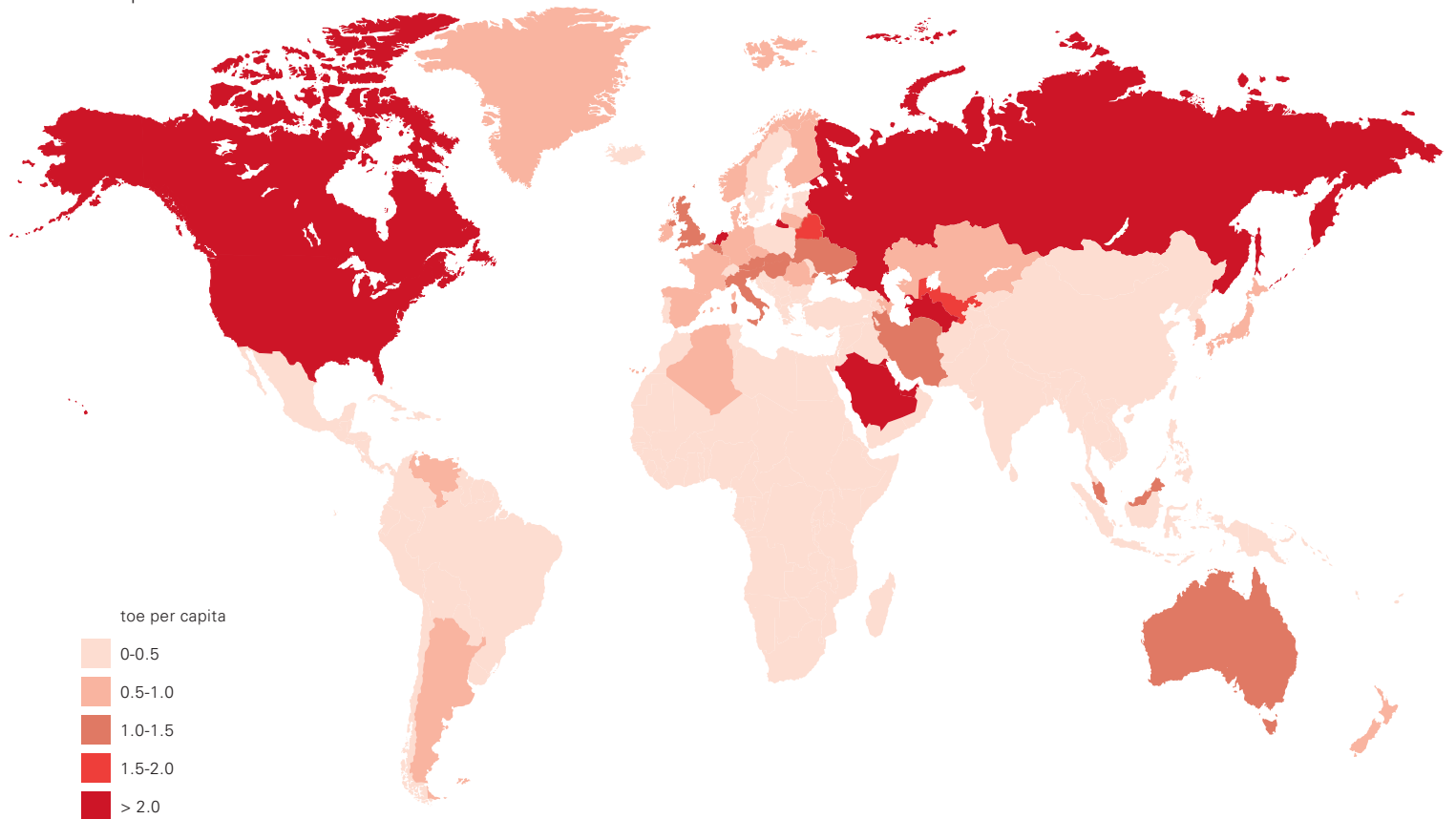
Billion cubic metres



Global gas consumption growth in 2004 exceeded the 10-year average rate and rose in every region.

Consumption per capita

Tonnes oil equivalent



Natural gas

Trade movements 2004 by pipeline

Billion cubic metres

To	From																		Total imports					
	USA	Canada	Argentina	Bolivia	Austria	Belgium	Denmark	France	Germany	Italy	Netherlands	Norway	UK	Russian Fed.	Turkmenistan	Iran	Oman	Algeria		Egypt	Libya	Indonesia	Malaysia	Myanmar
North America																								
USA	-	102.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada	8.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	11.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. & Cent. America																								
Brazil	-	-	0.51	7.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chile	-	-	7.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	0.12	0.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Europe																								
Austria	-	-	-	-	-	-	-	1.00	-	-	0.80	-	6.00	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	1.20	-	7.60	7.20	0.20	0.20	-	-	-	-	-	-	-	-	-	-	-
Bulgaria	-	-	-	-	-	-	-	-	-	-	-	-	2.90	-	-	-	-	-	-	-	-	-	-	-
Croatia	-	-	-	-	-	-	-	-	0.06	-	-	-	1.05	-	-	-	-	-	-	-	-	-	-	-
Czech Republic	-	-	-	-	-	-	-	-	-	-	2.62	-	7.18	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-	4.61	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	0.70	-	-	-	-	9.20	14.65	1.00	11.50	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	2.64	-	-	-	21.90	26.40	3.08	37.74	-	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-	-	-	2.20	-	-	-	-	-	-	-	-	-	-	-
Hungary	-	-	-	-	0.40	-	0.40	0.83	-	-	-	-	9.32	-	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-	-	3.70	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	0.30	-	-	-	-	9.00	7.00	-	21.00	-	-	-	23.60	-	0.50	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-	1.40	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-
Luxembourg	-	-	-	-	0.60	-	-	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	0.26	-	4.50	-	-	4.31	1.82	2.67	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	0.20	-	-	-	0.50	-	-	0.50	-	7.90	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.25	-	-	-	-	-	-	-
Romania	-	-	-	-	-	-	-	1.30	-	-	-	-	4.60	-	-	-	-	-	-	-	-	-	-	-
Serbia	-	-	-	-	-	-	-	-	-	-	-	-	1.76	-	-	-	-	-	-	-	-	-	-	-
Slovakia	-	-	-	-	-	-	-	-	-	-	-	-	7.30	-	-	-	-	-	-	-	-	-	-	-
Slovenia	-	-	-	0.10	-	-	-	-	-	-	-	-	0.56	-	-	-	0.44	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	2.21	-	-	-	-	-	7.53	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	0.90	-	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	0.37	1.20	-	1.00	-	-	0.30	-	-	-	-	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-	-	-	-	-	-	14.35	-	3.56	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	1.20	-	-	0.60	-	0.50	9.10	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	0.20	-	-	0.07	-	1.30	-	-	-	-	-	-	-	-	-	-	-
Middle East																								
Iran	-	-	-	-	-	-	-	-	-	-	-	-	5.20	-	-	-	-	-	-	-	-	-	-	-
Jordan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	-	-	-	-	-	-	-	-
Africa																								
Tunisia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	-	-	-	-	-	-	-
Asia Pacific																								
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.15	1.60	-	-	-
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.50	-	-
TOTAL EXPORTS	19.73	102.05	7.83	7.91	0.70	2.80	3.80	0.77	12.18	0.06	49.20	74.86	9.80	148.44	5.20	3.56	1.20	35.12	1.10	0.50	6.15	1.60	7.50	502.06

Notes: Flows are on a contractual basis and may not correspond to physical gas flows in all cases. Data excludes trade within the Former Soviet Union.

Source: Cedigaz (provisional).

Trade movements 2004 – liquefied natural gas (LNG)

Billion cubic metres

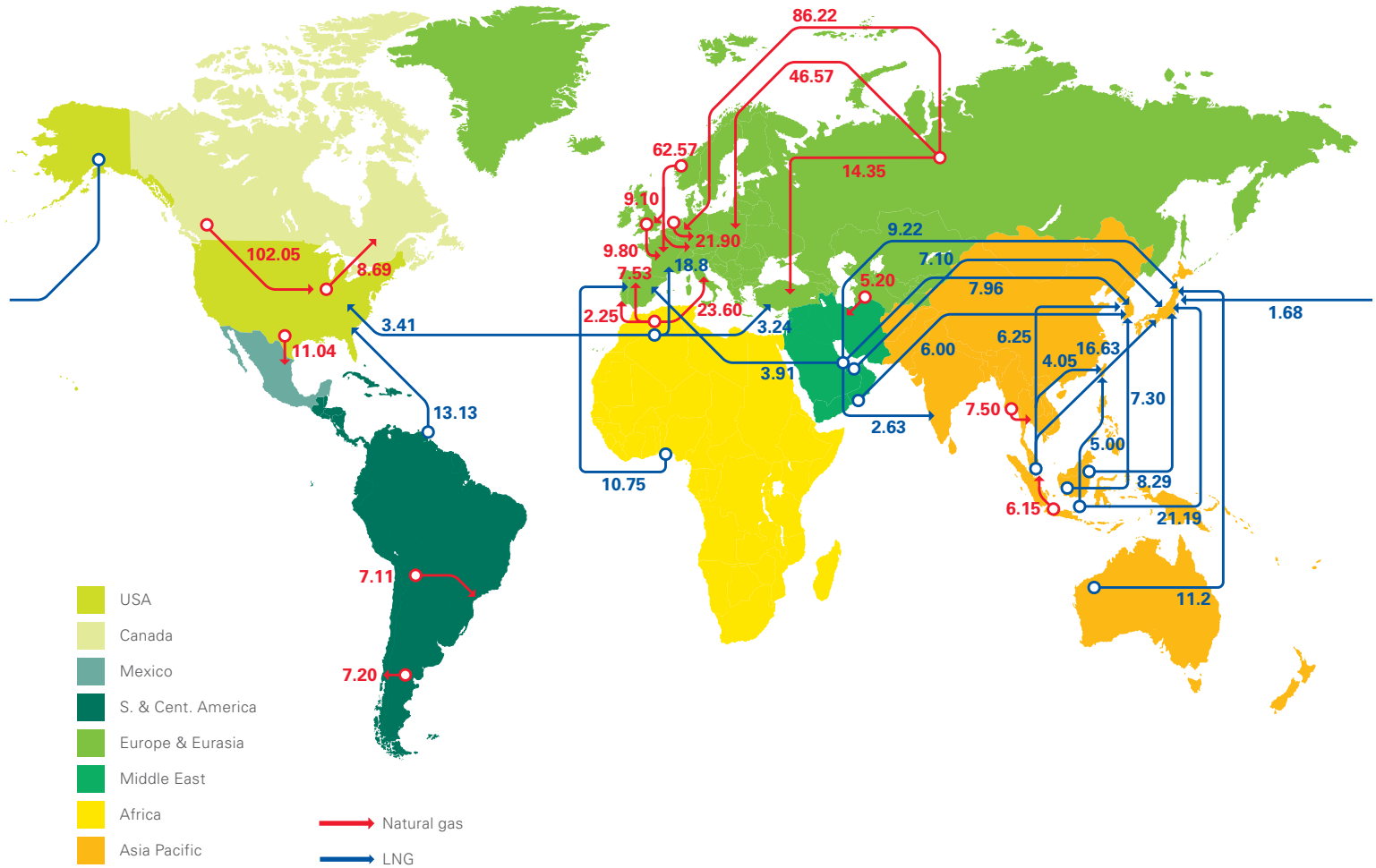
To	From													Total imports
	USA	Trinidad & Tobago	Oman	Qatar	UAE	Algeria	Libya	Nigeria	Australia	Brunei	Indonesia	Malaysia		
North America														
USA	-	13.13	0.27	0.34	-	3.41	-	0.33	0.42	-	-	0.57	-	
S. & Cent. America														
Dominican Republic	-	0.18	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico	-	0.68	-	-	-	-	-	-	-	-	-	-	-	
Europe														
Belgium	-	-	-	-	-	2.85	-	-	-	-	-	-	-	
France	-	-	0.08	-	-	6.72	-	0.83	-	-	-	-	-	
Greece	-	-	-	-	-	0.55	-	-	-	-	-	-	-	
Italy	-	-	-	-	-	2.10	-	3.80	-	-	-	-	-	
Portugal	-	-	-	-	-	-	-	1.31	-	-	-	-	-	
Spain	-	-	1.20	3.91	0.20	6.58	0.63	4.81	-	-	-	0.18	-	
Turkey	-	-	-	-	-	3.24	-	1.03	-	-	-	-	-	
Asia Pacific														
India	-	-	-	2.63	-	-	-	-	-	-	-	-	-	
Japan	1.68	-	1.48	9.22	7.10	-	-	0.16	11.20	8.29	21.19	16.63	-	
South Korea	-	-	6.00	7.96	0.08	0.30	-	0.24	0.55	1.21	7.30	6.25	-	
Taiwan	-	-	-	-	-	-	-	0.08	-	-	5.00	4.05	-	
TOTAL EXPORTS	1.68	13.99	9.03	24.06	7.38	25.75	0.63	12.59	12.17	9.5	33.49	27.68	177.95	

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

Source: Cedigaz (provisional).

Major trade movements

Trade flows worldwide (billion cubic metres)



Prices

US dollars per million Btu

	LNG		Natural gas			Crude oil OECD countries cif
	Japan cif	European Union cif	UK Heren NBP index†	USA Henry Hub‡	Canada Alberta‡	
1984	-	3.76	-	-	-	5.00
1985	5.23	3.83	-	-	-	4.75
1986	4.10	3.65	-	-	-	2.57
1987	3.35	2.59	-	-	-	3.09
1988	3.34	2.36	-	-	-	2.56
1989	3.28	2.09	-	-	1.70	3.01
1990	3.64	2.82	-	-	1.64	3.82
1991	3.99	3.18	-	-	1.49	3.33
1992	3.62	2.76	-	-	1.77	3.19
1993	3.52	2.53	-	-	2.12	2.82
1994	3.18	2.24	-	-	1.92	2.70
1995	3.46	2.37	-	-	1.69	2.96
1996	3.66	2.43	1.85	2.76	1.12	3.54
1997	3.91	2.65	2.03	2.53	1.36	3.29
1998	3.05	2.26	1.92	2.08	1.42	2.16
1999	3.14	1.80	1.64	2.27	2.00	2.98
2000	4.72	3.25	2.68	4.23	3.75	4.83
2001	4.64	4.15	3.22	4.07	3.61	4.08
2002	4.27	3.46	2.58	3.33	2.57	4.17
2003	4.77	4.40	3.26	5.63	4.83	4.89
2004	5.18	4.56	4.69	5.85	5.03	6.27

†Source: Heren Energy Ltd.

‡Source: Natural Gas Week.

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

Coal

Proved reserves at end 2004

Million tonnes	Anthracite and bituminous	Sub-bituminous and lignite	Total	Share of total	R/P ratio
USA	111338	135305	246643	27.1%	245
Canada	3471	3107	6578	0.7%	100
Mexico	860	351	1211	0.1%	135
Total North America	115669	138763	254432	28.0%	235
Brazil	–	10113	10113	1.1%	*
Colombia	6230	381	6611	0.7%	120
Venezuela	479	–	479	0.1%	53
Other S. & Cent. America	992	1698	2690	0.3%	*
Total S. & Cent. America	7701	12192	19893	2.2%	290
Bulgaria	4	2183	2187	0.2%	84
Czech Republic	2094	3458	5552	0.6%	90
France	15	–	15	♦	17
Germany	183	6556	6739	0.7%	32
Greece	–	3900	3900	0.4%	55
Hungary	198	3159	3357	0.4%	240
Kazakhstan	28151	3128	31279	3.4%	360
Poland	14000	–	14000	1.5%	87
Romania	22	472	494	0.1%	16
Russian Federation	49088	107922	157010	17.3%	*
Spain	200	330	530	0.1%	26
Turkey	278	3908	4186	0.5%	87
Ukraine	16274	17879	34153	3.8%	424
United Kingdom	220	–	220	♦	9
Other Europe & Eurasia	1529	21944	23473	2.6%	341
Total Europe & Eurasia	112256	174839	287095	31.6%	242
South Africa	48750	–	48750	5.4%	201
Zimbabwe	502	–	502	0.1%	154
Other Africa	910	174	1084	0.1%	490
Middle East	419	–	419	♦	399
Total Africa & Middle East	50581	174	50755	5.6%	204
Australia	38600	39900	78500	8.6%	215
China	62200	52300	114500	12.6%	59
India	90085	2360	92445	10.2%	229
Indonesia	740	4228	4968	0.5%	38
Japan	359	–	359	♦	268
New Zealand	33	538	571	0.1%	115
North Korea	300	300	600	0.1%	21
Pakistan	–	3050	3050	0.3%	*
South Korea	–	80	80	♦	25
Thailand	–	1354	1354	0.1%	67
Vietnam	150	–	150	♦	6
Other Asia Pacific	97	215	312	♦	34
Total Asia Pacific	192564	104325	296889	32.7%	101
TOTAL WORLD	478771	430293	909064	100.0%	164
of which: OECD	172363	200857	373220	41.1%	180
Former Soviet Union	94513	132741	227254	25.0%	*
Other EMEs	211895	96695	308590	33.9%	102

*More than 500 years.

♦Less than 0.05%.

Source: World Energy Council.

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

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

Prices

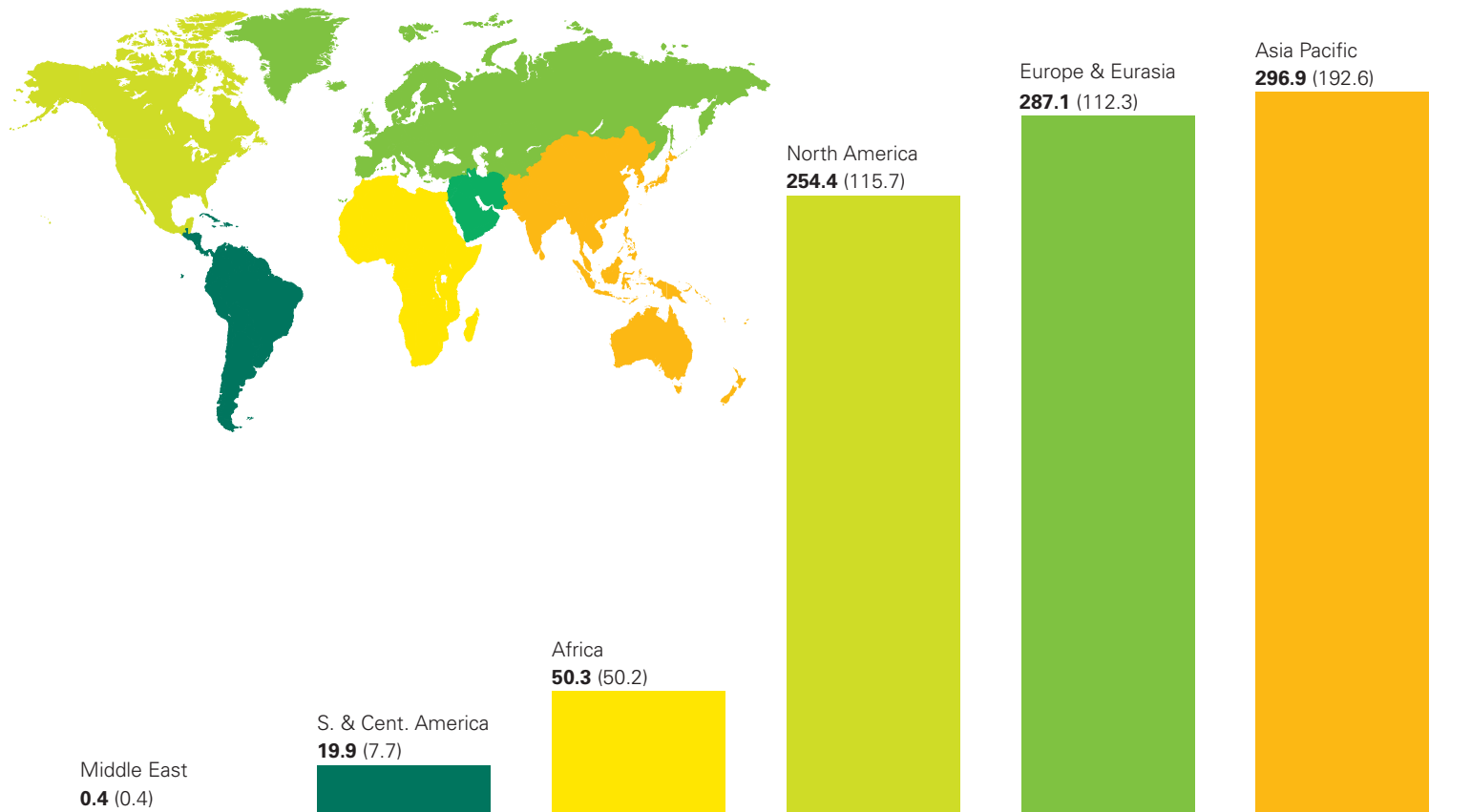
US dollars per tonne	Marker Price (basis Northwest Europe)*	Price of US coal receipts at steam-electric utility plants	Japan coking coal import cif price	Japan steam coal import cif price
1990	43.48	33.33	60.54	50.81
1991	42.80	33.06	60.45	50.30
1992	38.53	32.23	57.82	48.45
1993	33.68	31.57	55.26	45.71
1994	37.18	30.75	51.77	43.66
1995	44.50	29.85	54.47	47.58
1996	41.25	29.19	56.68	49.54
1997	38.92	28.79	55.51	45.53
1998	32.00	28.31	50.76	40.51
1999	28.79	27.46	42.83	35.74
2000	35.99	27.13	39.69	34.58
2001	39.29	27.62	41.33	37.96
2002	31.65	27.89	42.01	36.90
2003	42.52	28.33	41.57	34.74
2004	71.90	29.93	60.96	51.34

*Source of Marker Price: McCloskey Coal Information Service.

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

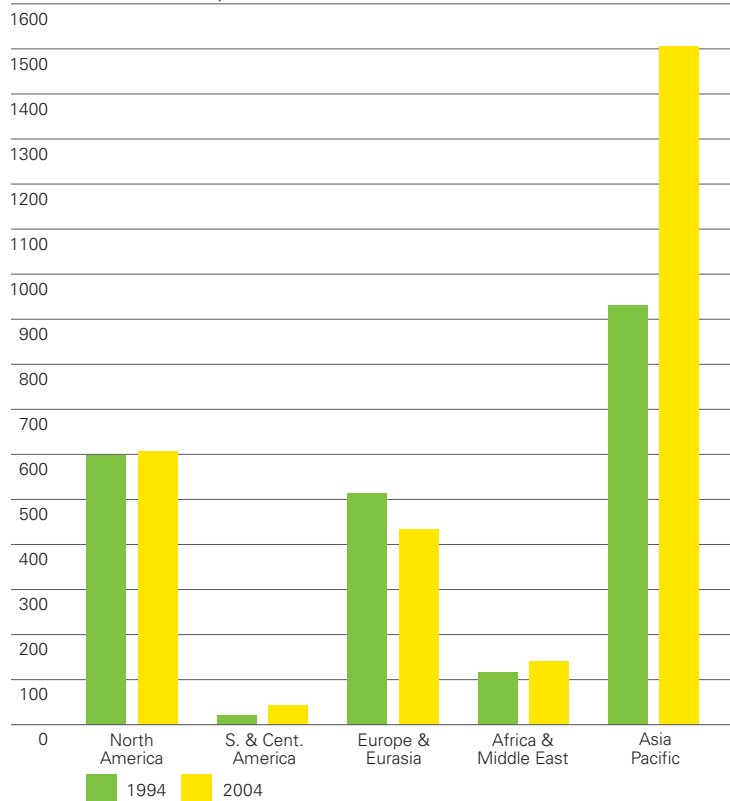
Proved reserves at end 2004

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



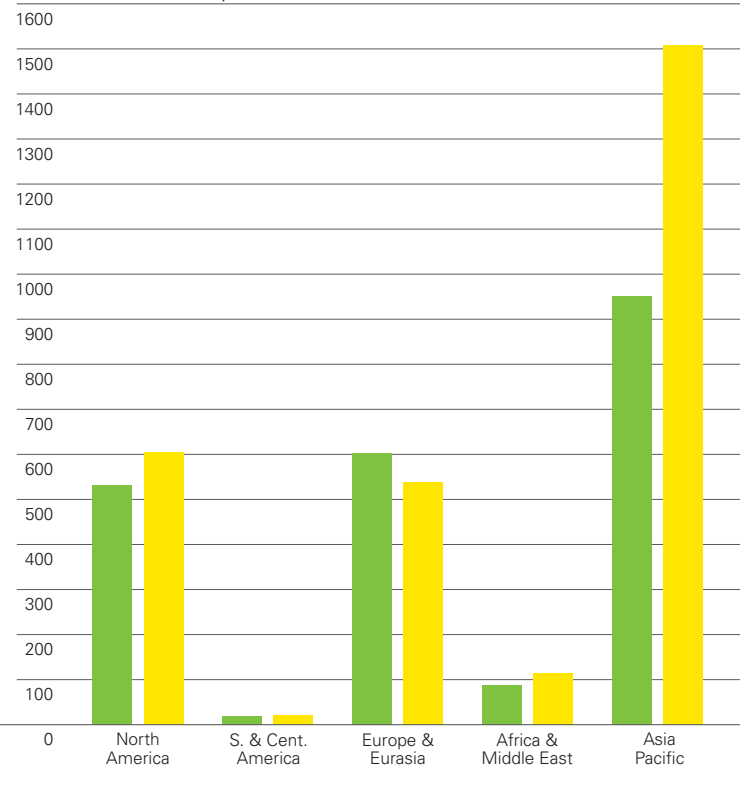
Production

Million tonnes oil equivalent



Consumption

Million tonnes oil equivalent



Coal consumption and production experienced another robust year in 2004, although growth moderated from the very strong rates seen in 2003 as prices rose. Growth was strongest in the Asia Pacific region, with China alone accounting for nearly 75% of global consumption growth.

Coal



Production*

Million tonnes oil equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	552.8	550.7	567.1	580.3	598.4	579.7	565.6	587.3	565.6	549.3	567.2	3.3%	20.8%
Canada	39.4	40.8	41.6	43.0	40.8	39.2	37.1	37.6	34.9	32.2	34.9	8.3%	1.3%
Mexico	4.3	4.1	4.6	4.5	4.8	4.9	5.4	5.4	5.2	4.6	4.3	-6.3%	0.2%
Total North America	596.5	595.7	613.2	627.8	644.0	623.8	608.1	630.3	605.7	586.0	606.3	3.5%	22.2%
Brazil	2.0	2.0	1.8	2.1	2.0	2.1	2.9	2.1	1.9	1.8	1.6	-6.5%	0.1%
Colombia	14.7	16.7	19.5	21.0	21.9	21.3	24.9	28.5	25.7	32.5	35.8	9.9%	1.3%
Venezuela	3.2	3.2	3.1	3.9	4.7	4.8	5.6	5.5	5.7	5.0	6.6	32.2%	0.2%
Other S. & Cent. America	1.3	1.2	1.2	1.1	0.4	0.5	0.5	0.5	0.4	0.3	0.2	-48.7%	♦
Total S. & Cent. America	21.3	23.1	25.6	28.1	29.1	28.7	33.9	36.7	33.7	39.6	44.1	11.5%	1.6%
Bulgaria	4.8	5.2	5.2	4.9	5.0	4.2	4.4	4.4	4.4	4.4	4.4	0.1%	0.2%
Czech Republic	28.1	27.3	27.0	27.9	26.0	23.1	25.0	25.4	24.3	24.2	23.5	-3.1%	0.9%
France	5.7	5.3	5.2	4.3	3.6	3.3	2.3	1.5	1.1	1.3	0.5	-63.9%	♦
Germany	77.8	74.6	70.0	66.9	61.3	59.4	56.5	54.1	55.0	54.1	54.7	1.1%	2.0%
Greece	7.4	7.5	7.2	7.7	8.1	8.0	8.2	8.5	9.1	9.5	9.5	-0.8%	0.3%
Hungary	2.9	2.6	3.2	3.3	3.0	3.1	2.9	2.9	2.7	2.8	2.9	4.1%	0.1%
Kazakhstan	53.5	42.6	39.3	37.3	36.0	30.0	38.5	40.7	37.8	43.3	44.4	2.5%	1.6%
Poland	89.3	91.1	94.5	92.1	79.6	77.0	71.3	71.7	71.3	71.4	69.8	-2.2%	2.6%
Romania	9.1	9.3	9.6	7.4	5.7	5.1	6.4	7.1	6.7	7.2	6.9	-4.4%	0.3%
Russian Federation	121.2	118.5	114.4	109.3	103.9	112.0	115.8	121.5	114.8	124.9	127.6	2.2%	4.7%
Spain	10.6	10.2	10.0	9.8	9.3	8.6	8.0	7.6	7.2	6.8	6.7	-2.0%	0.2%
Turkey	12.1	12.1	12.3	13.1	13.9	13.3	13.9	14.2	11.5	10.5	10.2	-3.0%	0.4%
Ukraine	48.5	44.2	39.1	39.8	39.9	41.3	42.2	43.8	43.0	41.5	41.9	1.0%	1.5%
United Kingdom	28.3	31.8	30.2	29.4	25.0	22.5	19.0	19.4	18.2	17.2	15.3	-11.2%	0.6%
Other Europe & Eurasia	13.8	14.0	13.4	15.9	16.7	13.4	14.2	14.4	15.3	15.9	16.4	2.8%	0.6%
Total Europe & Eurasia	513.3	496.4	480.4	469.2	437.0	424.3	428.7	437.3	422.4	435.0	434.4	-0.1%	15.9%
Total Middle East	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.4	0.6	0.6	1.0%	♦
South Africa	111.1	116.9	116.9	124.6	127.1	125.6	126.6	126.0	124.1	133.9	136.9	2.2%	5.0%
Zimbabwe	3.5	3.6	3.3	3.4	3.5	3.2	2.8	2.9	2.6	2.0	2.1	6.9%	0.1%
Other Africa	1.4	1.4	1.3	1.2	1.4	1.3	1.2	1.2	1.4	1.3	1.4	6.3%	♦
Total Africa	116.0	121.9	121.5	129.2	132.0	130.1	130.7	130.1	128.1	137.1	140.3	2.3%	5.1%
Australia	123.3	129.5	133.6	148.1	149.8	160.6	166.2	179.8	184.0	189.5	199.4	5.2%	7.3%
China	619.4	650.9	691.5	665.5	619.7	523.9	501.8	555.1	713.4	873.4	989.8	13.3%	36.2%
India	126.9	135.2	145.7	149.6	150.3	147.4	157.0	160.3	168.1	175.9	188.8	7.4%	6.9%
Indonesia	20.2	25.7	31.0	33.7	38.3	45.3	47.4	56.9	63.6	69.4	81.4	17.3%	3.0%
Japan	3.8	3.4	3.6	2.4	2.0	2.2	1.7	1.8	0.8	0.7	0.7	-	♦
New Zealand	1.8	2.1	2.2	2.0	2.0	2.1	2.2	2.4	2.7	3.2	3.0	-4.3%	0.1%
Pakistan	1.4	1.4	1.5	1.4	1.5	1.5	1.4	1.5	1.6	1.5	1.3	-9.6%	♦
South Korea	3.3	2.6	2.2	2.0	2.0	1.9	1.9	1.7	1.5	1.5	1.4	-3.3%	0.1%
Thailand	5.2	5.5	6.3	6.9	6.1	5.7	5.1	5.6	5.6	5.4	5.8	7.0%	0.2%
Vietnam	3.4	3.9	4.9	6.4	6.4	4.9	6.4	7.2	8.6	10.7	14.8	38.6%	0.5%
Other Asia Pacific	21.6	20.2	17.9	17.2	15.7	18.0	19.3	19.7	19.0	19.3	19.7	2.5%	0.7%
Total Asia Pacific	930.2	980.5	1040.5	1035.1	993.7	913.5	910.5	992.1	1169.0	1350.4	1506.3	11.5%	55.1%
TOTAL WORLD	2178.1	2218.2	2281.9	2290.0	2236.5	2121.1	2112.4	2227.0	2359.2	2548.7	2732.1	7.2%	100.0%
of which: OECD	992.1	997.0	1015.4	1038.6	1031.2	1010.4	989.1	1023.9	998.0	981.9	1006.9	2.5%	36.9%
Former Soviet Union	224.8	206.5	193.8	187.6	180.8	184.4	197.4	207.0	196.5	210.4	214.9	2.1%	7.9%
Other EMEs	961.2	1014.7	1072.7	1063.8	1024.4	926.3	925.9	996.1	1164.6	1356.4	1510.3	11.3%	55.3%

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

♦Less than 0.05%.

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

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



Consumption*

Million tonnes oil equivalent

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	501.7	506.3	529.3	540.4	545.8	544.9	569.1	552.3	552.0	562.5	564.3	0.3%	20.3%
Canada	24.5	25.2	25.7	26.8	28.1	27.8	29.4	32.0	31.0	30.6	30.5	-0.2%	1.1%
Mexico	4.5	5.0	5.7	5.7	5.9	6.0	6.2	6.8	7.6	8.6	9.0	4.3%	0.3%
Total North America	530.7	536.5	560.7	573.0	579.7	578.7	604.6	591.1	590.6	601.7	603.8	0.3%	21.7%
Argentina	1.0	0.9	0.9	0.8	0.8	0.9	0.8	0.6	0.5	0.7	0.7	7.4%	♦
Brazil	10.3	10.8	11.3	11.5	11.4	11.9	12.5	12.2	11.5	11.4	11.4	-	0.4%
Chile	2.2	2.4	3.2	4.2	3.7	3.5	3.9	2.1	2.4	2.4	2.5	4.2%	0.1%
Colombia	3.6	3.4	3.2	3.1	2.8	2.1	2.2	3.3	2.0	2.6	2.7	4.0%	0.1%
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	1.2%	♦
Venezuela	0.1	†	†	†	†	0.1	†	†	0.1	0.1	0.1	-	♦
Other S. & Cent. America	0.4	0.4	0.5	0.4	0.5	0.6	0.6	0.7	0.9	0.9	1.0	4.5%	♦
Total S. & Cent. America	18.0	18.3	19.4	20.4	19.7	19.6	20.6	19.4	17.7	18.4	18.7	1.6%	0.7%
Austria	2.5	2.4	2.7	3.1	3.0	3.2	3.2	2.9	3.0	3.5	3.5	-	0.1%
Azerbaijan	-	-	-	-	-	-	-	†	†	†	†	-33.3%	♦
Belarus	0.2	0.3	0.5	0.6	0.4	0.1	0.1	0.1	0.1	0.1	0.1	23.9%	♦
Belgium & Luxembourg	8.5	9.8	7.6	7.5	7.9	6.9	7.6	7.6	6.7	6.5	6.1	-5.6%	0.2%
Bulgaria	7.6	7.8	8.4	7.8	8.2	6.6	6.3	6.9	6.7	7.1	7.2	1.4%	0.3%
Czech Republic	23.2	23.5	23.6	22.8	20.5	19.0	21.0	21.2	20.6	20.9	20.4	-2.3%	0.7%
Denmark	7.8	6.6	9.0	6.7	5.6	4.7	4.0	4.2	4.2	5.7	4.4	-21.9%	0.2%
Finland	4.1	3.1	4.0	4.5	3.4	3.6	3.5	4.0	4.4	5.8	5.2	-10.6%	0.2%
France	13.7	14.5	15.4	13.4	16.1	14.3	13.9	11.6	12.4	13.0	12.5	-4.1%	0.4%
Germany	95.6	90.6	89.9	86.8	84.8	80.2	84.9	85.0	84.6	87.2	85.7	-1.8%	3.1%
Greece	8.4	8.2	7.8	7.6	8.8	9.1	9.2	9.3	9.8	9.4	9.3	-0.8%	0.3%
Hungary	3.6	3.6	3.7	3.7	3.4	3.4	3.2	3.4	3.1	3.4	3.0	-9.3%	0.1%
Iceland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-1.0%	♦
Republic of Ireland	1.9	1.9	1.9	2.0	1.9	1.6	1.9	1.9	1.7	1.8	1.8	-0.2%	0.1%
Italy	10.7	12.5	11.2	11.0	11.6	11.6	13.0	13.7	14.2	15.3	17.1	11.8%	0.6%
Kazakhstan	34.5	27.5	25.9	22.4	22.9	19.8	23.2	22.5	22.8	25.2	27.5	9.2%	1.0%
Lithuania	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	-14.8%	♦
Netherlands	9.0	9.8	9.3	9.5	9.4	7.7	8.6	8.5	8.9	9.1	9.1	-0.5%	0.3%
Norway	0.6	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.5	0.5	0.6	10.5%	♦
Poland	72.3	71.7	73.2	70.1	63.8	61.0	57.6	58.0	56.7	57.7	57.7	♦	2.1%
Portugal	3.4	4.2	3.9	3.6	3.6	3.6	4.5	3.7	4.1	3.8	3.9	3.0%	0.1%
Romania	9.4	9.7	9.5	8.4	7.0	6.7	7.0	7.2	7.6	7.8	7.2	-7.2%	0.3%
Russian Federation	126.4	119.4	115.7	106.3	100.0	104.1	106.0	109.0	103.9	109.4	105.9	-3.2%	3.8%
Slovakia	5.0	5.1	5.0	4.7	4.5	4.3	4.0	4.1	4.0	4.2	4.2	-0.7%	0.2%
Spain	18.0	18.5	15.5	17.7	17.7	20.5	21.6	19.5	21.9	20.5	21.1	3.0%	0.8%
Sweden	2.1	2.1	2.4	2.1	2.0	2.0	1.9	2.0	2.2	2.2	2.4	7.5%	0.1%
Switzerland	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.1%	♦
Turkey	17.6	17.5	20.7	22.3	24.0	22.6	25.5	21.8	21.2	21.8	23.0	5.2%	0.8%
Turkmenistan	†	†	†	-	-	-	-	-	-	-	-	-	-
Ukraine	46.3	42.1	33.2	38.0	36.9	38.5	38.8	39.4	38.3	39.0	39.4	1.0%	1.4%
United Kingdom	49.7	47.5	44.4	39.6	39.7	35.6	36.9	40.0	36.7	39.2	38.1	-2.8%	1.4%
Uzbekistan	1.8	1.4	1.2	1.2	1.2	0.9	1.0	1.1	1.0	1.0	1.2	13.9%	♦
Other Europe & Eurasia	16.6	18.2	18.3	21.3	21.7	17.0	18.0	17.3	18.2	19.2	19.5	1.9%	0.7%
Total Europe & Eurasia	600.8	580.3	564.9	545.8	530.8	509.6	527.5	526.7	520.0	540.5	537.2	-0.6%	19.3%
Iran	1.3	1.4	1.2	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.8%	♦
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	3.8	4.1	5.0	5.4	5.8	5.7	6.2	7.2	7.6	7.9	8.0	1.0%	0.3%
Total Middle East	5.1	5.5	6.1	6.3	6.8	6.7	7.3	8.3	8.7	9.0	9.1	1.1%	0.3%
Algeria	0.6	0.6	0.5	0.3	0.5	0.5	0.5	0.5	0.6	0.7	0.8	7.1%	♦
Egypt	1.0	0.7	0.9	0.8	0.8	0.6	0.7	0.7	0.7	0.7	0.7	-	♦
South Africa	73.6	77.4	81.7	84.3	83.4	82.3	81.9	80.6	83.5	89.3	94.5	5.8%	3.4%
Other Africa	6.5	6.7	6.8	6.9	7.0	6.5	6.4	7.3	7.2	6.6	6.8	4.0%	0.2%
Total Africa	81.6	85.3	89.8	92.3	91.7	90.0	89.5	89.2	92.0	97.3	102.8	5.7%	3.7%
Australia	39.6	41.1	42.8	45.1	47.3	47.9	48.3	49.6	52.3	50.9	54.4	6.9%	2.0%
Bangladesh	†	0.3	0.2	0.3	0.1	†	0.3	0.4	0.4	0.4	0.4	-	♦
China	606.4	671.9	681.6	681.7	608.3	492.3	455.0	517.7	693.4	834.7	956.9	14.6%	34.4%
China Hong Kong SAR	5.2	5.6	4.2	3.5	4.4	3.9	3.7	4.9	5.4	6.6	6.6	0.1%	0.2%
India	133.9	142.8	154.4	160.2	159.8	158.9	169.1	172.1	181.7	190.6	204.8	7.5%	7.4%
Indonesia	4.8	5.7	6.9	8.2	9.3	11.6	13.7	16.7	18.0	17.9	22.2	24.1%	0.8%
Japan	82.0	86.2	88.3	89.8	88.4	91.5	98.9	103.0	106.6	112.2	120.8	7.7%	4.3%
Malaysia	1.1	1.5	1.5	1.7	1.6	1.8	1.9	2.6	3.6	4.2	5.7	37.3%	0.2%
New Zealand	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.3	1.3	1.9	1.8	-3.7%	0.1%
Pakistan	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.4	2.9	3.2	9.0%	0.1%
Philippines	1.3	1.4	2.0	2.4	2.7	2.9	4.3	4.5	4.7	4.7	5.0	5.7%	0.2%
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	26.7	28.1	32.2	34.8	36.1	38.2	43.0	45.7	49.1	51.1	53.1	3.9%	1.9%
Taiwan	16.6	17.1	19.4	21.9	23.8	24.9	28.9	30.8	32.9	35.3	36.8	4.1%	1.3%
Thailand	6.1	7.1	8.7	8.7	7.3	7.9	7.8	8.8	9.2	9.4	10.2	8.9%	0.4%
Other Asia Pacific	22.2	21.3	19.1	19.9	18.4	19.1	20.7	22.4	23.2	23.9	24.8	3.8%	0.9%
Total Asia Pacific	949.4	1033.5	1064.7	1081.5	1010.7	904.3	898.7	982.8	1184.0	1346.6	1506.6	11.9%	54.2%
TOTAL WORLD	2185.5	2259.3	2305.6	2319.4	2239.3	2108.7	2148.1	2217.3	2413.1	2613.5	2778.2	6.3%	100.0%
of which: European Union 25	341.4	337.5	332.4	318.5	309.5	294.1	302.3	302.0	300.8	310.8	307.0	-1.2%	11.0%
OECD	1038.1	1047.0	1077.2	1083.5	1085.1	1073.2	1122.9	1114.0	1121.2	1149.5	1163.2	1.2%	41.9%
Former Soviet Union	211.5	192.4	178.6	171.2	163.2	164.4	169.9	172.7	166.9	175.6	175.0	-0.4%	6.3%
Other EMEs	935.9	1019.8	1049.7	1064.7	991.0	871.2	855.3	930.6	1124.9	1288.4	1440.1	11.8%	51.8%

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

†Less than 0.05.

♦Less than 0.05%.

Nuclear energy



Consumption*

Million tonnes oil equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	152.6	160.4	160.7	149.8	160.5	173.5	179.6	183.2	185.8	181.9	187.9	3.2%	30.1%
Canada	24.4	22.1	21.0	18.7	16.2	16.6	16.5	17.4	17.1	16.9	20.5	21.3%	3.3%
Mexico	1.0	1.9	1.8	2.4	2.1	2.3	1.9	2.0	2.2	2.4	2.1	-11.9%	0.3%
Total North America	177.9	184.5	183.5	170.8	178.8	192.4	197.9	202.5	205.1	201.2	210.4	4.6%	33.7%
Argentina	1.9	1.6	1.7	1.8	1.7	1.6	1.4	1.6	1.3	1.7	1.8	4.1%	0.3%
Brazil	†	0.6	0.5	0.7	0.7	0.9	1.4	3.2	3.1	3.0	2.6	-13.1%	0.4%
Chile	-	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-
Other S. & Cent. America	-	-	-	-	-	-	-	-	-	-	-	-	-
Total S. & Cent. America	1.9	2.2	2.2	2.5	2.4	2.5	2.8	4.8	4.4	4.7	4.4	-6.9%	0.7%
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-
Azerbaijan	-	-	-	-	-	-	-	-	-	-	-	-	-
Belarus	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgium & Luxembourg	9.2	9.4	9.8	10.7	10.5	11.1	10.9	10.5	10.7	10.8	10.9	1.4%	1.8%
Bulgaria	3.5	3.9	4.1	4.0	3.8	3.6	4.1	4.4	4.6	3.9	3.8	-2.7%	0.6%
Czech Republic	2.9	2.8	2.9	2.8	3.0	3.0	3.1	3.3	4.2	5.9	6.0	1.8%	1.0%
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-
Finland	4.4	4.3	4.4	4.8	5.0	5.3	5.1	5.2	5.4	5.5	5.5	-0.2%	0.9%
France	81.5	85.4	89.9	89.5	87.8	89.2	94.0	95.3	98.8	99.8	101.4	1.6%	16.2%
Germany	34.2	34.9	36.6	38.5	36.6	38.5	38.4	38.7	37.3	37.4	37.8	1.2%	6.1%
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.5	2.7	8.2%	0.4%
Iceland	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic of Ireland	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-	-
Kazakhstan	0.1	†	†	0.1	†	-	-	-	-	-	-	-	-
Lithuania	1.7	2.7	3.2	2.7	3.1	2.2	1.9	2.6	3.2	3.5	3.4	-2.5%	0.5%
Netherlands	0.9	0.9	0.9	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-4.8%	0.1%
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-
Romania	-	-	0.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.3	13.2%	0.2%
Russian Federation	22.1	22.5	24.7	24.5	23.6	27.1	29.5	31.0	32.1	33.6	32.4	-3.8%	5.2%
Slovakia	2.7	2.6	2.6	2.4	2.6	3.0	3.7	3.9	4.1	4.0	3.9	-4.7%	0.6%
Spain	12.5	12.5	12.7	12.5	13.4	13.3	14.1	14.4	14.3	14.0	14.3	2.1%	2.3%
Sweden	16.6	15.8	16.6	15.8	15.9	16.6	13.0	16.3	15.4	15.3	17.3	13.7%	2.8%
Switzerland	5.5	5.6	5.7	5.8	5.8	5.6	6.0	6.1	6.2	6.2	6.1	-1.9%	1.0%
Turkey	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	15.6	16.0	18.0	18.0	17.0	16.3	17.5	17.2	17.7	18.4	19.7	6.9%	3.2%
United Kingdom	20.0	20.1	21.4	22.2	22.5	21.5	19.3	20.4	19.9	20.1	18.1	-10.0%	2.9%
Uzbekistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe & Eurasia	1.0	1.2	1.6	1.5	1.5	1.5	1.5	1.6	1.8	1.6	1.8	9.1%	0.3%
Total Europe & Eurasia	237.6	243.7	258.6	260.8	257.3	263.2	267.4	276.3	280.9	284.5	287.2	0.9%	46.0%
Iran	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-
South Africa	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	2.9	3.0	3.4	12.7%	0.5%
Other Africa	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Africa	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	2.9	3.0	3.4	12.7%	0.5%
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	-	-
China	3.1	2.9	3.2	3.3	3.4	3.4	3.8	4.0	5.7	9.9	11.3	14.1%	1.8%
China Hong Kong SAR	-	-	-	-	-	-	-	-	-	-	-	-	-
India	1.1	1.7	1.9	2.3	2.6	2.9	3.6	4.3	4.4	4.1	3.8	-7.7%	0.6%
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan	58.7	65.1	67.3	72.8	74.0	71.9	72.3	72.7	71.3	52.1	64.8	24.3%	10.4%
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	0.1	0.1	0.1	0.1	0.1	†	0.2	0.5	0.4	0.4	0.5	7.0%	0.1%
Philippines	-	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	13.3	15.2	16.7	17.4	20.3	23.3	24.7	25.4	27.0	29.3	29.6	0.8%	4.7%
Taiwan	7.9	8.0	8.6	8.2	8.3	8.7	8.7	8.0	9.0	8.8	8.9	1.5%	1.4%
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Asia Pacific	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Asia Pacific	84.3	93.0	97.8	104.1	108.8	110.2	113.3	114.8	117.7	104.8	118.9	13.5%	19.0%
TOTAL WORLD	504.0	526.1	545.0	541.3	550.5	571.3	584.5	600.9	611.0	598.2	624.3	4.4%	100.0%
of which: European Union 25	190.8	195.6	205.3	206.9	205.4	208.8	208.6	215.9	218.7	220.8	223.4	1.2%	35.8%
OECD	443.5	462.3	474.4	469.9	480.2	498.8	506.5	518.7	523.7	505.0	529.6	4.9%	84.8%
Former Soviet Union	39.6	41.2	46.4	45.6	44.0	46.2	49.4	51.2	53.4	56.0	56.0	♦	9.0%
Other EMEs	21.0	22.6	24.2	25.8	26.3	26.3	28.6	31.0	33.9	37.2	38.6	3.8%	6.2%

*Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.

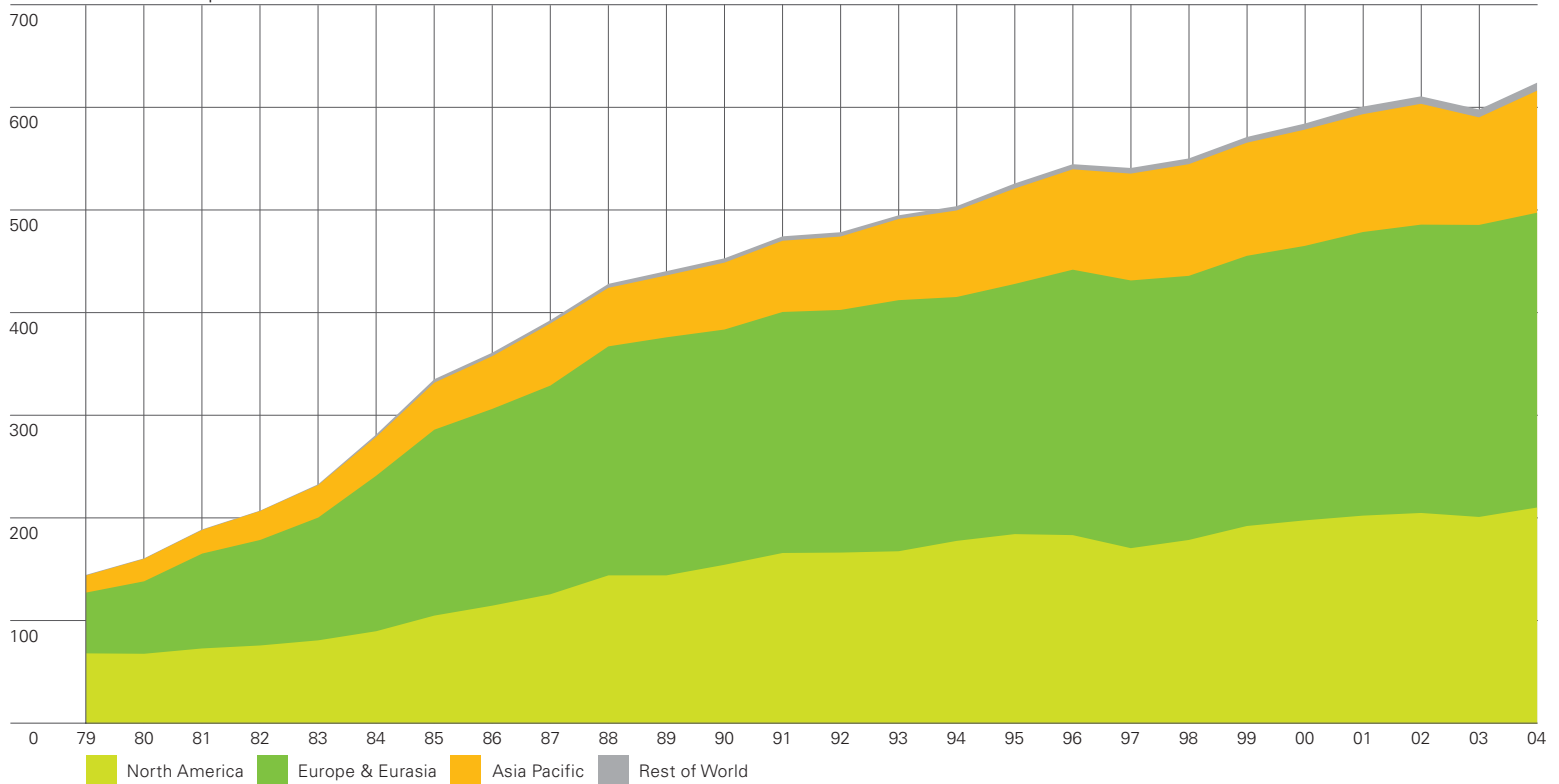
†Less than 0.05.

♦Less than 0.05%.

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

Consumption by area

Million tonnes oil equivalent

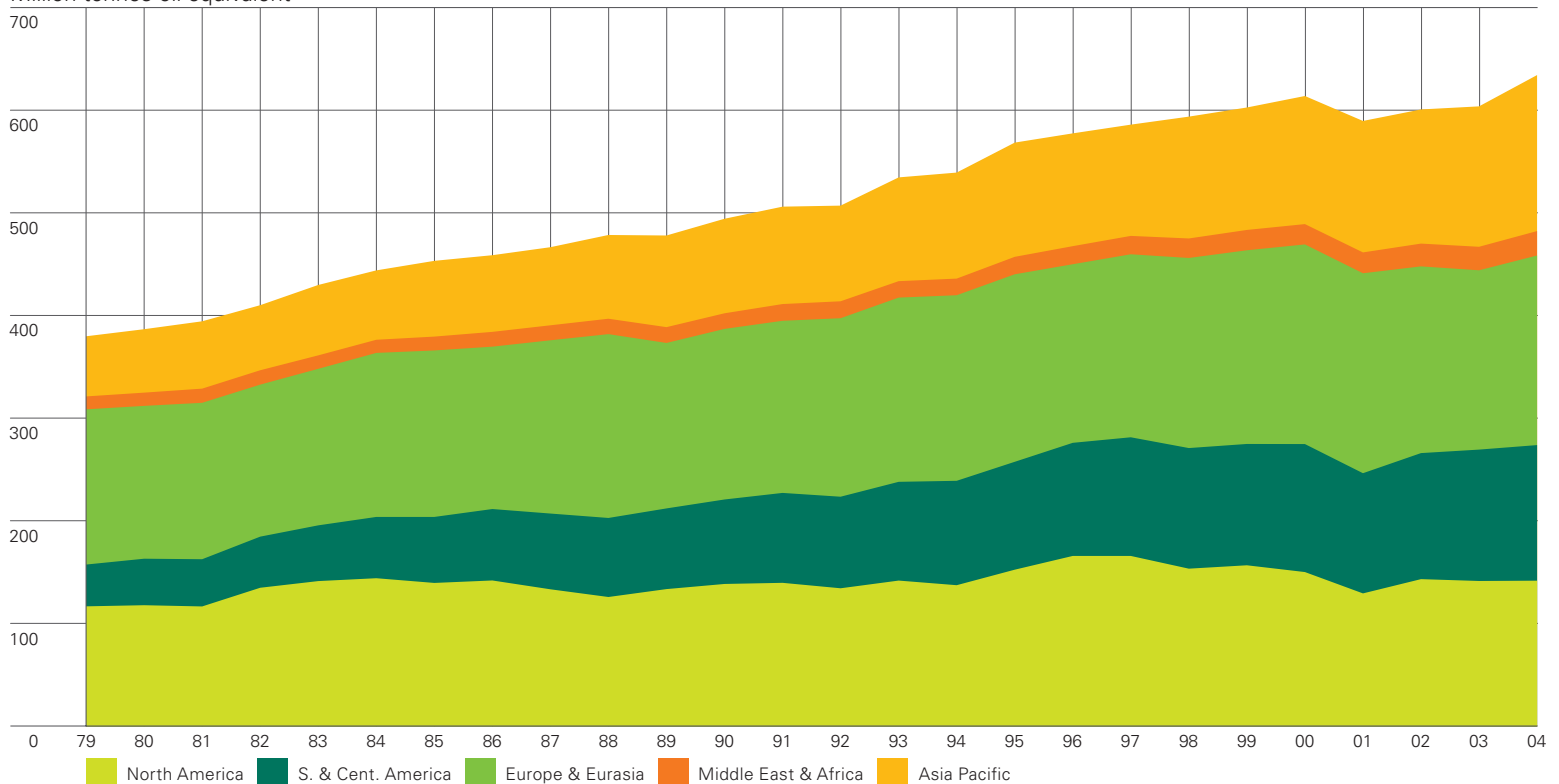


Global nuclear power generation rebounded after a rare decline in 2003, with a recovery in Japanese output accounting for half of global growth. US and Canadian output also rose significantly.

Hydroelectricity

Consumption by area

Million tonnes oil equivalent



Global hydroelectric output grew by a relatively robust 5% in 2004 and reached a new record level. Asia Pacific accounted for 50% of global growth.

Hydroelectricity



Consumption*

Million tonnes oil equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	58.7	70.4	78.7	80.6	72.9	71.7	61.7	47.6	58.4	61.1	59.8	-2.2%	9.4%
Canada	74.2	75.9	80.2	79.4	75.1	77.8	81.1	75.5	79.4	76.0	76.4	0.5%	12.0%
Mexico	4.6	6.2	7.1	6.0	5.6	7.4	7.5	6.4	5.6	4.5	5.7	27.2%	0.9%
Total North America	137.5	152.6	166.0	166.0	153.6	156.9	150.3	129.5	143.4	141.6	141.9	0.2%	22.4%
Argentina	6.2	6.1	5.2	6.4	6.0	4.9	6.5	8.4	8.1	7.6	6.8	-10.4%	1.1%
Brazil	54.9	57.5	60.1	63.1	66.0	66.3	68.9	60.6	64.7	69.2	72.4	4.6%	11.4%
Chile	3.9	4.2	3.8	4.3	3.6	3.1	4.3	4.9	5.2	5.1	4.9	-4.4%	0.8%
Colombia	7.3	7.3	8.0	7.1	6.9	7.6	6.9	7.1	7.6	8.1	8.6	5.9%	1.4%
Ecuador	1.5	1.2	1.4	1.5	1.5	1.6	1.7	1.6	1.7	1.7	1.7	-	0.3%
Peru	2.9	2.9	3.0	3.0	3.1	3.3	3.7	4.0	4.1	4.2	4.0	-5.7%	0.6%
Venezuela	11.6	11.6	12.2	13.0	13.1	13.7	14.2	13.7	13.5	13.7	16.0	16.7%	2.5%
Other S. & Cent. America	13.4	14.3	16.3	17.3	17.3	17.7	18.4	16.8	17.8	18.4	17.8	-3.5%	2.8%
Total S. & Cent. America	101.7	105.1	110.2	115.6	117.5	118.2	124.7	117.1	122.8	128.0	132.1	3.2%	20.8%
Austria	8.4	8.7	8.1	8.4	8.8	9.4	9.8	9.8	8.6	7.3	7.3	♦	1.1%
Azerbaijan	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.5	0.6	0.6	11.8%	0.1%
Belarus	†	†	†	†	†	†	†	†	†	†	†	-	♦
Belgium & Luxembourg	0.4	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.5	0.5	-4.9%	0.1%
Bulgaria	0.3	0.5	0.7	0.7	0.8	0.7	0.6	0.4	0.5	0.5	0.5	-	0.1%
Czech Republic	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.4	0.6	42.9%	0.1%
Denmark	†	†	†	†	†	†	†	†	†	†	†	20.0%	♦
Finland	2.7	2.9	2.7	2.7	3.3	2.9	3.3	3.1	2.4	2.1	3.4	58.4%	0.5%
France	18.3	17.2	15.9	15.3	14.9	17.6	16.4	18.0	15.1	14.7	14.8	0.8%	2.3%
Germany	5.1	5.5	4.9	4.7	4.8	5.3	5.9	5.8	6.3	5.5	6.1	12.0%	1.0%
Greece	0.7	0.9	1.0	0.9	0.9	1.1	0.9	0.6	0.8	1.2	1.1	-7.1%	0.2%
Hungary	†	†	†	0.1	†	†	†	†	†	†	†	17.9%	♦
Iceland	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.6	0.7%	0.3%
Republic of Ireland	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	-5.1%	♦
Italy	10.8	9.5	10.7	10.6	10.7	11.7	11.5	12.2	10.7	10.0	11.0	10.0%	1.7%
Kazakhstan	2.1	1.9	1.7	1.5	1.4	1.4	1.7	1.8	2.0	2.0	2.0	2.5%	0.3%
Lithuania	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	-3.6%	♦
Netherlands	†	†	†	†	†	†	†	†	†	†	†	31.3%	♦
Norway	25.5	27.7	23.5	25.1	26.3	27.6	32.2	27.4	29.4	24.0	24.7	3.0%	3.9%
Poland	0.9	0.9	0.9	0.9	1.0	1.0	0.9	1.0	0.9	0.7	0.8	12.1%	0.1%
Portugal	2.4	1.9	3.4	3.0	3.0	1.7	2.7	3.3	1.8	3.6	2.8	-24.3%	0.4%
Romania	3.0	3.8	3.6	4.0	4.3	4.1	3.3	3.4	3.6	3.0	3.8	28.2%	0.6%
Russian Federation	39.8	40.1	34.9	35.6	35.9	36.4	37.4	39.8	37.2	35.6	40.0	12.6%	6.3%
Slovakia	1.0	1.2	1.0	1.0	1.0	1.1	1.1	1.2	1.2	0.8	0.9	13.4%	0.1%
Spain	6.5	5.5	9.4	8.5	8.8	7.0	8.3	9.9	6.0	9.9	7.9	-20.0%	1.3%
Sweden	13.4	15.3	11.7	15.6	16.7	16.2	17.8	17.9	15.0	12.1	12.7	4.8%	2.0%
Switzerland	9.0	8.1	6.7	8.0	7.8	9.3	8.7	9.7	8.3	8.3	8.0	-3.6%	1.3%
Turkey	6.9	8.0	9.2	8.8	9.6	7.8	7.0	5.4	7.6	8.8	10.4	18.2%	1.6%
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	2.8	2.3	2.0	2.3	3.6	3.3	2.6	2.8	2.2	2.1	2.7	27.6%	0.4%
United Kingdom	1.5	1.4	1.1	1.3	1.5	1.9	1.8	1.5	1.7	1.3	1.7	26.2%	0.3%
Uzbekistan	1.6	1.4	1.5	1.3	1.3	1.3	1.3	1.2	1.6	1.7	1.7	-1.4%	0.3%
Other Europe & Eurasia	15.3	15.1	16.8	15.2	15.6	16.8	15.9	15.4	15.1	15.7	16.3	3.9%	2.6%
Total Europe & Eurasia	180.8	182.7	174.0	178.3	185.2	188.7	194.5	194.8	181.9	174.7	184.7	5.7%	29.1%
Iran	1.8	1.9	1.8	1.3	1.7	1.2	0.9	0.9	1.8	2.2	2.7	24.5%	0.4%
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	0.8	0.9	1.1	1.1	1.1	0.7	0.8	0.7	1.1	1.3	1.2	-1.4%	0.2%
Total Middle East	2.6	2.8	2.9	2.4	2.8	1.9	1.7	1.6	2.9	3.4	4.0	14.9%	0.6%
Algeria	†	†	†	†	†	†	†	†	†	0.1	0.1	-5.0%	♦
Egypt	2.5	2.6	2.7	2.7	3.1	3.4	3.2	3.3	3.2	3.2	3.3	3.1%	0.5%
South Africa	0.6	0.4	0.8	1.1	0.9	0.8	0.9	0.8	0.9	0.8	0.8	5.5%	0.1%
Other Africa	10.5	11.1	11.2	11.6	12.2	13.7	14.0	14.6	15.2	15.4	15.6	0.9%	2.5%
Total Africa	13.6	14.2	14.7	15.5	16.2	17.9	18.1	18.7	19.3	19.5	19.8	1.4%	3.1%
Australia	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.8	3.0%	0.6%
Bangladesh	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	3.8%	♦
China	37.8	42.2	42.3	42.5	44.9	48.2	55.0	59.1	62.2	63.7	74.2	16.6%	11.7%
China Hong Kong SAR	-	-	-	-	-	-	-	-	-	-	-	-	-
India	18.2	17.2	15.6	15.9	18.9	18.6	17.4	16.3	15.5	15.7	19.0	21.0%	3.0%
Indonesia	1.6	1.7	1.8	1.2	2.2	2.1	2.3	2.6	2.3	2.4	2.5	4.3%	0.4%
Japan	17.4	19.9	19.7	21.2	23.6	21.0	20.7	20.4	20.5	22.8	22.6	-0.5%	3.6%
Malaysia	1.5	1.4	1.2	0.9	1.1	1.7	1.6	1.6	1.2	1.3	1.4	7.7%	0.2%
New Zealand	5.8	6.2	5.9	5.2	5.7	5.3	5.6	5.1	5.7	5.4	6.3	16.8%	1.0%
Pakistan	4.9	5.1	5.6	4.2	5.5	4.9	4.0	4.1	4.6	5.8	6.1	5.0%	1.0%
Philippines	1.3	1.4	1.6	1.4	1.1	1.8	1.8	1.6	1.6	1.8	1.9	8.5%	0.3%
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	0.9	1.2	1.2	1.2	1.4	1.4	1.3	0.9	1.2	1.6	1.3	-14.9%	0.2%
Taiwan	2.0	2.0	2.0	2.2	2.4	2.0	2.0	2.1	1.4	1.6	1.5	-4.9%	0.2%
Thailand	1.0	1.5	1.7	1.6	1.2	0.8	1.4	1.4	1.7	1.7	1.8	10.9%	0.3%
Other Asia Pacific	7.1	7.7	7.4	7.0	6.9	7.7	8.1	8.9	8.8	9.4	9.3	-0.8%	1.5%
Total Asia Pacific	103.3	111.3	109.9	108.4	118.7	119.3	124.8	128.1	130.7	136.8	152.0	11.1%	24.0%
TOTAL WORLD	539.5	568.7	577.8	586.0	594.0	602.9	614.0	589.8	601.0	604.1	634.4	5.0%	100.0%
of which: European Union 25	74.5	73.8	73.5	75.6	78.7	79.8	83.5	87.3	73.6	72.1	73.7	2.2%	11.6%
OECD	280.7	300.7	308.9	314.6	309.6	312.4	312.6	289.2	293.5	288.3	292.7	1.5%	46.1%
Former Soviet Union	56.0	54.6	48.9	49.3	51.1	51.5	52.1	54.2	52.0	51.4	56.3	9.5%	8.9%
Other EMEs	202.9	213.4	219.9	222.2	233.3	238.9	249.4	246.5	255.5	264.4	285.5	8.0%	45.0%

*Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.

†Less than 0.05.

♦Less than 0.05%.

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

Primary energy



Consumption*

Million tonnes oil equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Change 2004 over 2003	2004 share of total
USA	2073.2	2119.1	2189.8	2206.7	2220.9	2258.9	2310.7	2256.3	2289.1	2298.7	2331.6	1.4%	22.8%
Canada	272.4	275.2	285.7	285.5	282.6	284.2	289.8	289.9	296.7	302.3	307.5	1.7%	3.0%
Mexico	114.0	111.7	116.0	122.2	128.2	131.7	135.8	135.3	135.3	140.4	145.3	3.5%	1.4%
Total North America	2459.6	2506.0	2591.6	2614.4	2631.8	2674.7	2736.3	2681.5	2721.1	2741.3	2784.4	1.6%	27.2%
Argentina	50.3	52.4	56.0	55.8	58.1	57.5	58.9	57.8	54.3	58.6	62.0	5.9%	0.6%
Brazil	135.1	142.4	151.1	160.6	166.9	171.2	176.9	174.1	177.9	180.0	187.7	4.3%	1.8%
Chile	16.4	17.7	19.1	22.1	21.6	22.2	23.7	23.2	23.8	24.4	25.5	4.3%	0.2%
Colombia	25.7	26.4	27.7	27.9	27.3	25.0	24.9	26.9	25.2	26.2	27.1	3.7%	0.3%
Ecuador	6.8	6.4	7.2	8.1	8.2	7.7	7.7	7.7	7.7	7.7	8.0	3.2%	0.1%
Peru	10.1	10.9	11.1	10.9	11.3	11.7	11.9	11.7	11.8	11.7	12.4	5.8%	0.1%
Venezuela	53.4	56.4	58.0	61.1	63.8	59.8	61.9	65.2	66.1	60.3	67.6	12.1%	0.7%
Other S. & Cent. America	70.5	72.5	76.6	79.2	82.2	83.7	84.8	85.3	87.7	91.3	92.9	1.7%	0.9%
Total S. & Cent. America	368.3	385.1	406.9	425.8	439.4	438.8	450.7	452.0	454.4	460.2	483.1	5.0%	4.7%
Austria	28.6	29.5	30.0	30.7	31.6	32.3	32.2	33.3	32.4	33.3	33.0	-1.0%	0.3%
Azerbaijan	15.8	16.1	12.6	11.4	12.6	12.8	11.4	11.0	11.0	11.9	12.8	7.2%	0.1%
Belarus	25.3	23.6	21.4	23.5	22.2	20.9	21.3	20.5	20.3	21.6	24.2	12.0%	0.2%
Belgium & Luxembourg	54.7	56.7	59.1	60.3	63.0	64.1	66.4	64.0	64.9	68.6	70.3	2.4%	0.7%
Bulgaria	20.8	22.3	23.4	20.7	20.7	18.0	17.8	18.4	18.3	18.2	18.9	3.9%	0.2%
Czech Republic	39.3	41.3	43.0	41.7	39.9	38.5	40.0	41.5	41.5	43.7	44.5	1.7%	0.4%
Denmark	20.7	20.2	24.1	21.7	20.6	19.9	18.8	18.6	18.4	19.8	18.4	-7.1%	0.2%
Finland	24.3	23.1	24.5	25.1	25.6	25.7	26.0	26.4	26.7	28.9	28.6	-1.0%	0.3%
France	229.5	235.7	244.7	241.0	247.2	251.5	254.9	257.8	256.7	259.6	262.9	1.3%	2.6%
Germany	331.1	333.1	344.0	337.8	334.5	328.5	330.5	335.7	330.0	332.1	330.4	-0.5%	3.2%
Greece	25.9	26.7	27.0	27.2	28.6	30.1	31.8	31.7	32.7	32.3	32.7	1.2%	0.3%
Hungary	23.4	23.6	24.2	23.8	23.8	23.7	23.0	24.1	23.5	23.8	23.7	-0.2%	0.2%
Iceland	1.8	1.9	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.6	1.8%	0.0%
Republic of Ireland	10.0	10.2	10.8	11.6	12.4	13.2	13.9	14.6	14.5	14.2	14.3	0.9%	0.1%
Italy	154.7	162.4	162.4	163.9	168.5	173.7	176.4	177.2	175.9	181.0	183.6	1.5%	1.8%
Kazakhstan	58.2	51.2	45.9	40.7	39.4	35.4	41.0	42.3	44.1	47.6	52.8	10.9%	0.5%
Lithuania	7.3	8.2	9.0	8.6	9.2	7.8	7.0	8.1	8.6	9.1	9.0	-0.6%	0.1%
Netherlands	79.5	82.7	85.2	84.7	84.5	83.2	86.4	88.3	89.0	90.4	95.3	5.4%	0.9%
Norway	38.4	40.7	37.1	39.3	40.4	41.5	45.9	41.0	42.9	38.3	39.0	1.7%	0.4%
Poland	96.2	96.4	100.8	98.6	94.1	91.1	88.4	88.6	87.1	88.5	91.8	3.7%	0.9%
Portugal	17.9	19.1	19.5	20.5	22.7	23.3	24.8	25.0	24.6	25.3	25.0	-0.9%	0.2%
Romania	45.4	48.6	48.2	45.2	41.3	36.9	37.0	37.3	38.6	37.8	39.3	4.0%	0.4%
Russian Federation	702.8	668.1	647.2	610.9	611.4	621.1	636.0	637.5	646.6	656.9	668.6	1.8%	6.5%
Slovakia	16.6	17.3	17.5	17.1	17.6	17.5	18.1	18.6	19.3	18.7	18.6	-0.7%	0.2%
Spain	96.9	100.5	104.8	111.7	118.1	122.7	129.2	133.0	134.7	141.2	145.5	3.1%	1.4%
Sweden	49.8	50.1	48.8	50.4	51.6	51.6	48.6	52.1	48.5	46.2	48.4	4.8%	0.5%
Switzerland	29.4	27.9	27.1	28.9	29.1	30.1	29.4	31.5	29.5	29.4	29.0	-1.4%	0.3%
Turkey	56.2	60.1	67.7	69.6	72.1	70.7	76.3	71.5	75.1	80.7	85.3	5.7%	0.8%
Turkmenistan	12.2	9.9	12.0	12.1	12.6	13.8	14.8	15.3	15.9	17.7	18.8	6.5%	0.2%
Ukraine	157.7	147.8	141.6	138.9	133.7	136.5	136.7	135.9	129.1	139.0	142.8	2.7%	1.4%
United Kingdom	213.6	214.4	224.8	220.4	223.5	222.0	224.0	227.4	221.6	225.4	226.9	0.6%	2.2%
Uzbekistan	47.8	47.6	49.0	50.1	51.8	53.7	51.6	55.3	56.7	51.3	53.2	3.9%	0.5%
Other Europe & Eurasia	64.5	65.5	68.8	73.0	73.5	68.4	68.5	69.7	70.3	73.0	73.9	1.2%	0.7%
Total Europe & Eurasia	2796.6	2782.3	2808.2	2763.4	2779.9	2782.5	2830.4	2855.5	2851.5	2908.0	2964.0	1.9%	29.0%
Iran	85.2	93.3	98.5	103.7	105.2	112.1	119.6	126.0	140.0	147.6	155.5	5.4%	1.5%
Kuwait	11.6	14.8	14.6	15.3	17.7	18.1	19.0	19.1	18.6	20.3	22.5	10.3%	0.2%
Qatar	13.5	13.6	13.9	14.7	15.0	14.2	10.4	12.0	13.2	14.0	16.9	20.8%	0.2%
Saudi Arabia	97.5	94.8	99.1	102.1	108.1	108.7	113.6	117.4	121.0	128.8	137.2	6.6%	1.3%
United Arab Emirates	37.7	40.3	42.4	43.9	41.8	41.8	40.5	42.9	47.2	49.1	51.3	4.4%	0.5%
Other Middle East	73.5	78.3	81.0	86.1	88.9	90.3	92.6	95.8	98.8	94.5	98.5	4.3%	1.0%
Total Middle East	319.0	335.1	349.5	365.8	376.6	385.2	395.8	413.2	438.7	454.2	481.9	6.1%	4.7%
Algeria	26.9	28.0	28.0	26.5	27.5	27.9	26.9	27.8	28.6	30.2	30.6	1.4%	0.3%
Egypt	34.4	36.4	38.4	39.9	41.9	44.7	47.6	49.4	49.5	52.0	53.8	3.6%	0.5%
South Africa	95.3	100.5	106.0	109.4	108.8	107.9	108.4	107.0	110.9	117.3	123.7	5.4%	1.2%
Other Africa	79.2	81.2	83.7	85.8	88.8	92.1	93.9	95.9	98.1	100.6	104.0	3.4%	1.0%
Total Africa	235.8	246.2	256.1	261.5	267.1	272.6	276.8	280.0	287.2	300.1	312.1	4.0%	3.1%
Australia	95.1	98.4	101.2	105.2	108.1	110.5	111.0	112.9	116.6	114.7	119.0	3.8%	1.2%
Bangladesh	8.4	9.9	10.0	10.6	11.0	11.0	12.7	14.1	14.8	15.7	16.6	6.0%	0.2%
China	811.8	893.6	917.4	930.4	864.3	770.3	766.0	837.9	1034.9	1204.2	1386.2	15.1%	13.6%
China Hong Kong SAR	14.1	15.1	15.0	15.1	15.4	15.6	15.6	18.9	20.4	20.9	23.8	14.0%	0.2%
India	235.5	254.4	271.5	285.6	296.0	304.0	320.4	324.2	338.7	350.4	375.8	7.2%	3.7%
Indonesia	67.9	73.5	80.1	84.0	80.0	89.1	95.2	101.4	104.4	104.2	109.6	5.2%	1.1%
Japan	479.8	493.8	503.6	507.5	502.2	508.8	515.9	514.8	506.6	504.9	514.6	1.9%	5.0%
Malaysia	32.3	33.1	37.7	37.8	37.3	38.3	45.7	48.0	51.3	56.2	60.3	7.2%	0.6%
New Zealand	16.6	17.0	17.2	17.2	17.0	17.4	17.8	18.0	18.5	17.8	18.3	2.6%	0.2%
Pakistan	33.7	36.4	38.3	37.4	39.6	40.8	42.0	42.9	43.8	46.0	47.2	2.6%	0.5%
Philippines	17.5	19.6	21.1	22.6	22.9	22.7	22.6	22.7	23.5	24.4	25.0	2.4%	0.2%
Singapore	32.0	33.3	31.6	33.8	34.7	32.9	35.0	40.5	39.9	38.7	45.1	16.5%	0.4%
South Korea	135.5	148.6	163.8	179.6	165.5	180.5	191.1	195.9	205.0	211.8	217.2	2.6%	2.1%
Taiwan	62.3	65.7	68.9	72.9	77.5	81.1	85.4	86.8	91.0	94.7	97.8	3.4%	1.0%
Thailand	45.5	52.4	58.4	61.2	58.2	59.7	62.4	63.6	69.2	75.7	81.5	7.7%	0.8%
Other Asia Pacific	43.0	43.8	43.5	45.0	45.1	47.2	50.8	54.4	56.3	56.7	60.7	7.0%	0.6%
Total Asia Pacific	2130.9	2288.6	2379.4	2445.8	2374.8	2329.8	2389.7	2497.0	2734.9	2937.0	3198.8	8.9%	31.3%
TOTAL WORLD	8310.1	8543.3	8791.7	8876.7	8869.5	8883.6	9079.8	9179.3	9487.9	9800.8	10224.4	4.3%	100.0%
of which: European Union 25	1534.9	1565											

Primary energy



Consumption by fuel*

Million tonnes oil equivalent

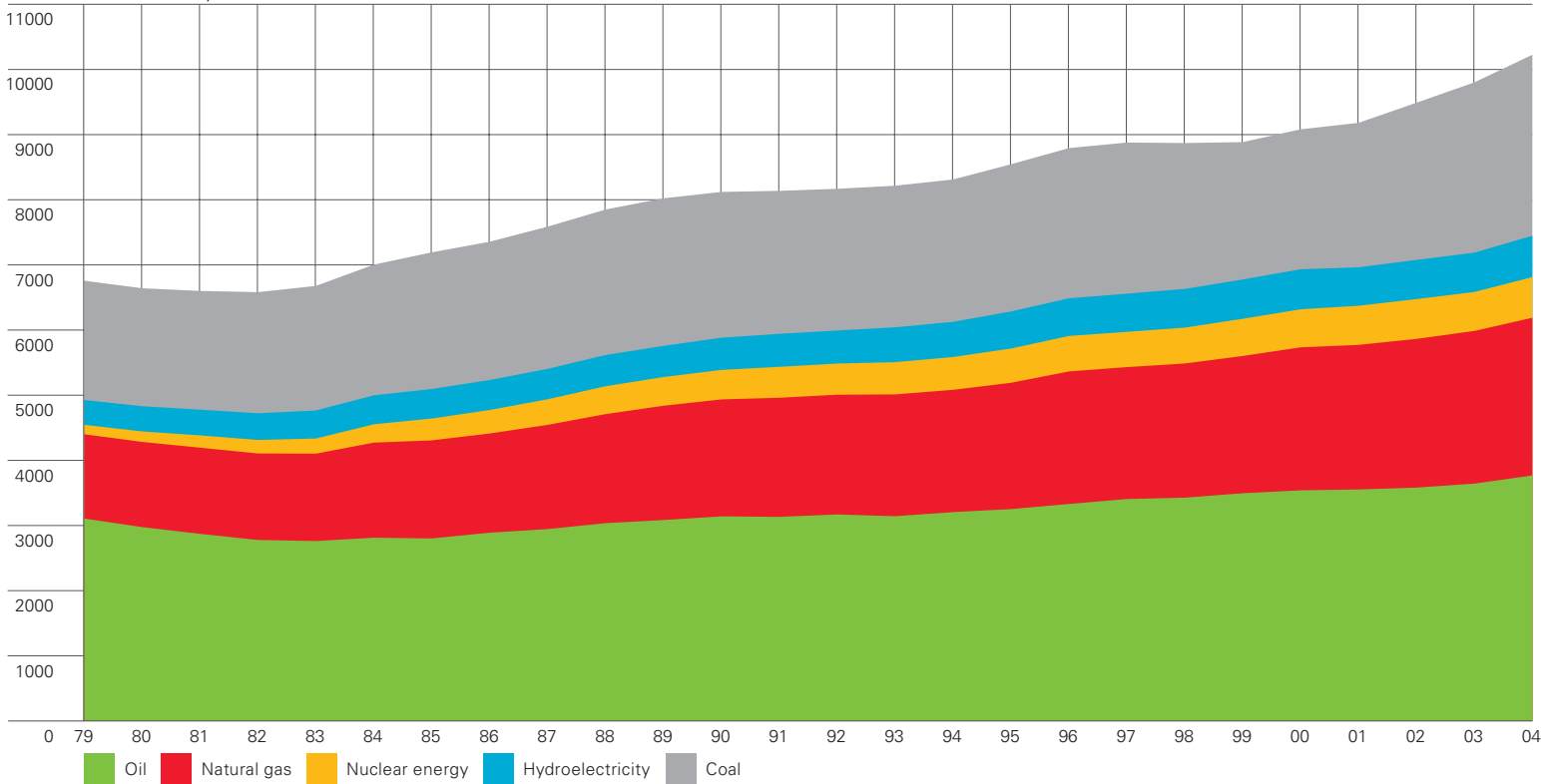
	2003						2004					
	Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Total	Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Total
USA	912.3	580.8	562.5	181.9	61.1	2298.7	937.6	582.0	564.3	187.9	59.8	2331.6
Canada	95.9	82.9	30.6	16.9	76.0	302.3	99.6	80.5	30.5	20.5	76.4	307.5
Mexico	83.7	41.2	8.6	2.4	4.5	140.4	85.2	43.3	9.0	2.1	5.7	145.3
Total North America	1091.8	705.0	601.7	201.2	141.6	2741.3	1122.4	705.9	603.8	210.4	141.9	2784.4
Argentina	17.5	31.1	0.7	1.7	7.6	58.6	18.7	34.1	0.7	1.8	6.8	62.0
Brazil	82.0	14.3	11.4	3.0	69.2	180.0	84.2	17.0	11.4	2.6	72.4	187.7
Chile	10.6	6.4	2.4	-	5.1	24.4	10.7	7.4	2.5	-	4.9	25.5
Colombia	10.0	5.4	2.6	-	8.1	26.2	10.1	5.7	2.7	-	8.6	27.1
Ecuador	6.1	†	-	-	1.7	7.7	6.3	†	-	-	1.7	8.0
Peru	6.6	0.5	0.4	-	4.2	11.7	7.2	0.8	0.4	-	4.0	12.4
Venezuela	23.9	22.7	0.1	-	13.7	60.3	26.3	25.3	0.1	-	16.0	67.6
Other S. & Cent. America	57.2	14.8	0.9	-	18.4	91.3	58.3	15.9	1.0	-	17.8	92.9
Total S. & Cent. America	213.7	95.3	18.4	4.7	128.0	460.2	221.7	106.2	18.7	4.4	132.1	483.1
Austria	14.1	8.5	3.5	-	7.3	33.3	13.7	8.5	3.5	-	7.3	33.0
Azerbaijan	4.2	7.2	†	-	0.6	11.9	4.5	7.7	†	-	0.6	12.8
Belarus	6.1	15.4	0.1	-	†	21.6	7.5	16.6	0.1	-	†	24.2
Belgium & Luxembourg	36.4	14.4	6.5	10.8	0.5	68.6	38.1	14.7	6.1	10.9	0.5	70.3
Bulgaria	4.3	2.3	7.1	3.9	0.5	18.2	4.6	2.8	7.2	3.8	0.5	18.9
Czech Republic	8.7	7.8	20.9	5.9	0.4	43.7	9.5	8.0	20.4	6.0	0.6	44.5
Denmark	9.2	4.9	5.7	-	†	19.8	9.1	4.9	4.4	-	†	18.4
Finland	11.4	4.0	5.8	5.5	2.1	28.9	10.6	3.9	5.2	5.5	3.4	28.6
France	93.1	39.0	13.0	99.8	14.7	259.6	94.0	40.2	12.5	101.4	14.8	262.9
Germany	125.1	77.0	87.2	37.4	5.5	332.1	123.6	77.3	85.7	37.8	6.1	330.4
Greece	19.6	2.0	9.4	-	1.2	32.3	20.0	2.2	9.3	-	1.1	32.7
Hungary	6.1	11.8	3.4	2.5	†	23.8	6.3	11.7	3.0	2.7	†	23.7
Iceland	0.9	-	0.1	-	1.6	2.6	0.9	-	0.1	-	1.6	2.6
Republic of Ireland	8.5	3.7	1.8	-	0.2	14.2	8.7	3.6	1.8	-	0.2	14.3
Italy	92.1	63.6	15.3	-	10.0	181.0	89.5	66.0	17.1	-	11.0	183.6
Kazakhstan	8.8	11.7	25.2	-	2.0	47.6	9.6	13.7	27.5	-	2.0	52.8
Lithuania	2.4	2.8	0.2	3.5	0.2	9.1	2.5	2.8	0.1	3.4	0.2	9.0
Netherlands	44.1	36.2	9.1	0.9	†	90.4	46.2	39.1	9.1	0.9	†	95.3
Norway	9.9	3.9	0.5	-	24.0	38.3	9.6	4.1	0.6	-	24.7	39.0
Poland	19.9	10.1	57.7	-	0.7	88.5	21.3	11.9	57.7	-	0.8	91.8
Portugal	15.2	2.7	3.8	-	3.6	25.3	15.7	2.8	3.9	-	2.8	25.0
Romania	9.4	16.5	7.8	1.1	3.0	37.8	10.1	16.9	7.2	1.3	3.8	39.3
Russian Federation	124.7	353.6	109.4	33.6	35.6	656.9	128.5	361.8	105.9	32.4	40.0	668.6
Slovakia	3.3	6.3	4.2	4.0	0.8	18.7	3.5	6.1	4.2	3.9	0.9	18.6
Spain	75.5	21.3	20.5	14.0	9.9	141.2	77.6	24.6	21.1	14.3	7.9	145.5
Sweden	15.9	0.7	2.2	15.3	12.1	46.2	15.3	0.7	2.4	17.3	12.7	48.4
Switzerland	12.1	2.6	0.1	6.2	8.3	29.4	12.0	2.7	0.1	6.1	8.0	29.0
Turkey	31.2	18.8	21.8	-	8.8	80.7	32.0	19.9	23.0	-	10.4	85.3
Turkmenistan	4.5	13.2	-	-	-	17.7	4.9	13.9	-	-	-	18.8
Ukraine	15.4	64.1	39.0	18.4	2.1	139.0	17.4	63.6	39.4	19.7	2.7	142.8
United Kingdom	78.9	85.9	39.2	20.1	1.3	225.4	80.8	88.2	38.1	18.1	1.7	226.9
Uzbekistan	6.0	42.5	1.0	-	1.7	51.3	6.0	44.4	1.2	-	1.7	53.2
Other Europe & Eurasia	23.6	12.9	19.2	1.6	15.7	73.0	24.0	12.3	19.5	1.8	16.3	73.9
Total Europe & Eurasia	940.8	967.4	540.5	284.5	174.7	2908.0	957.3	997.7	537.2	287.2	184.7	2964.0
Iran	69.7	74.6	1.1	-	2.2	147.6	73.3	78.4	1.1	-	2.7	155.5
Kuwait	12.2	8.2	-	-	-	20.3	13.7	8.7	-	-	-	22.5
Qatar	3.0	11.0	-	-	-	14.0	3.3	13.6	-	-	-	16.9
Saudi Arabia	74.7	54.1	-	-	-	128.8	79.6	57.6	-	-	-	137.2
United Arab Emirates	15.0	34.1	-	-	-	49.1	15.6	35.6	-	-	-	51.3
Other Middle East	63.8	21.5	7.9	-	1.3	94.5	65.4	24.0	8.0	-	1.2	98.5
Total Middle East	238.4	203.4	9.0	-	3.4	454.2	250.9	218.0	9.1	-	4.0	481.9
Algeria	10.1	19.3	0.7	-	0.1	30.2	10.7	19.1	0.8	-	0.1	30.6
Egypt	25.9	22.1	0.7	-	3.2	52.0	26.7	23.1	0.7	-	3.3	53.8
South Africa	24.2	-	89.3	3.0	0.8	117.3	24.9	-	94.5	3.4	0.8	123.7
Other Africa	60.0	18.6	6.6	-	15.4	100.6	62.1	19.6	6.8	-	15.6	104.0
Total Africa	120.2	60.0	97.3	3.0	19.5	300.1	124.3	61.8	102.8	3.4	19.8	312.1
Australia	38.3	21.8	50.9	-	3.7	114.7	38.8	22.1	54.4	-	3.8	119.0
Bangladesh	4.0	11.1	0.4	-	0.3	15.7	4.2	11.9	0.4	-	0.3	16.6
China	266.4	29.5	834.7	9.9	63.7	1204.2	308.6	35.1	956.9	11.3	74.2	1386.2
China Hong Kong SAR	13.0	1.4	6.6	-	-	20.9	15.3	2.0	6.6	-	-	23.8
India	113.1	26.9	190.6	4.1	15.7	350.4	119.3	28.9	204.8	3.8	19.0	375.8
Indonesia	53.9	30.1	17.9	-	2.4	104.2	54.7	30.3	22.2	-	2.5	109.6
Japan	248.9	68.9	112.2	52.1	22.8	504.9	241.5	64.9	120.8	64.8	22.6	514.6
Malaysia	22.2	28.6	4.2	-	1.3	56.2	23.3	29.9	5.7	-	1.4	60.3
New Zealand	6.9	3.7	1.9	-	5.4	17.8	7.0	3.2	1.8	-	6.3	18.3
Pakistan	15.8	21.0	2.9	0.4	5.8	46.0	14.4	23.1	3.2	0.5	6.1	47.2
Philippines	15.5	2.4	4.7	-	1.8	24.4	15.8	2.2	5.0	-	1.9	25.0
Singapore	33.9	4.8	-	-	-	38.7	38.1	7.0	-	-	-	45.1
South Korea	105.6	24.2	51.1	29.3	1.6	211.8	104.8	28.4	53.1	29.6	1.3	217.2
Taiwan	41.1	7.8	35.3	8.8	1.6	94.7	41.5	9.1	36.8	8.9	1.5	97.8
Thailand	40.0	24.7	9.4	-	1.7	75.7	43.6	25.9	10.2	-	1.8	81.5
Other Asia Pacific	18.3	5.1	23.9	-	9.4	56.7	19.5	7.1	24.8	-	9.3	60.7
Total Asia Pacific	1036.8	312.1	1346.6	104.8	136.8	2937.0	1090.5	330.9	1506.6	118.9	152.0	3198.8
TOTAL WORLD	3641.8	2343.2	2613.5	598.2	604.1	9800.8	3767.1	2420.4	2778.2	624.3	634.4	10224.4
of which: European Union 25	688.1	405.8	310.8	220.8	72.1	1697.5	694.5	420.2	307.0	223.4	73.7	1718.8
OECD	2222.8	1248.9	1149.5	505.0	288.3	5414.5	2252.3	1265.5	1163.2	529.6	292.7	5503.3
Former Soviet Union	176.9	517.4	175.6	56.0	51.4	977.3	186.0	531.0	175.0	56.0	56.3	1004.3
Other EMEs	1242.1	576.9	1288.4	37.2	264.4	3409.0	1328.8	623.8	1440.1	38.6	285.5	3716.8

*In this Review, primary energy comprises commercially traded fuels only. Excluded, therefore, are fuels such as wood, peat and animal waste which, though important in many countries, are unreliably documented in terms of consumption statistics.

†Less than 0.05.

World consumption

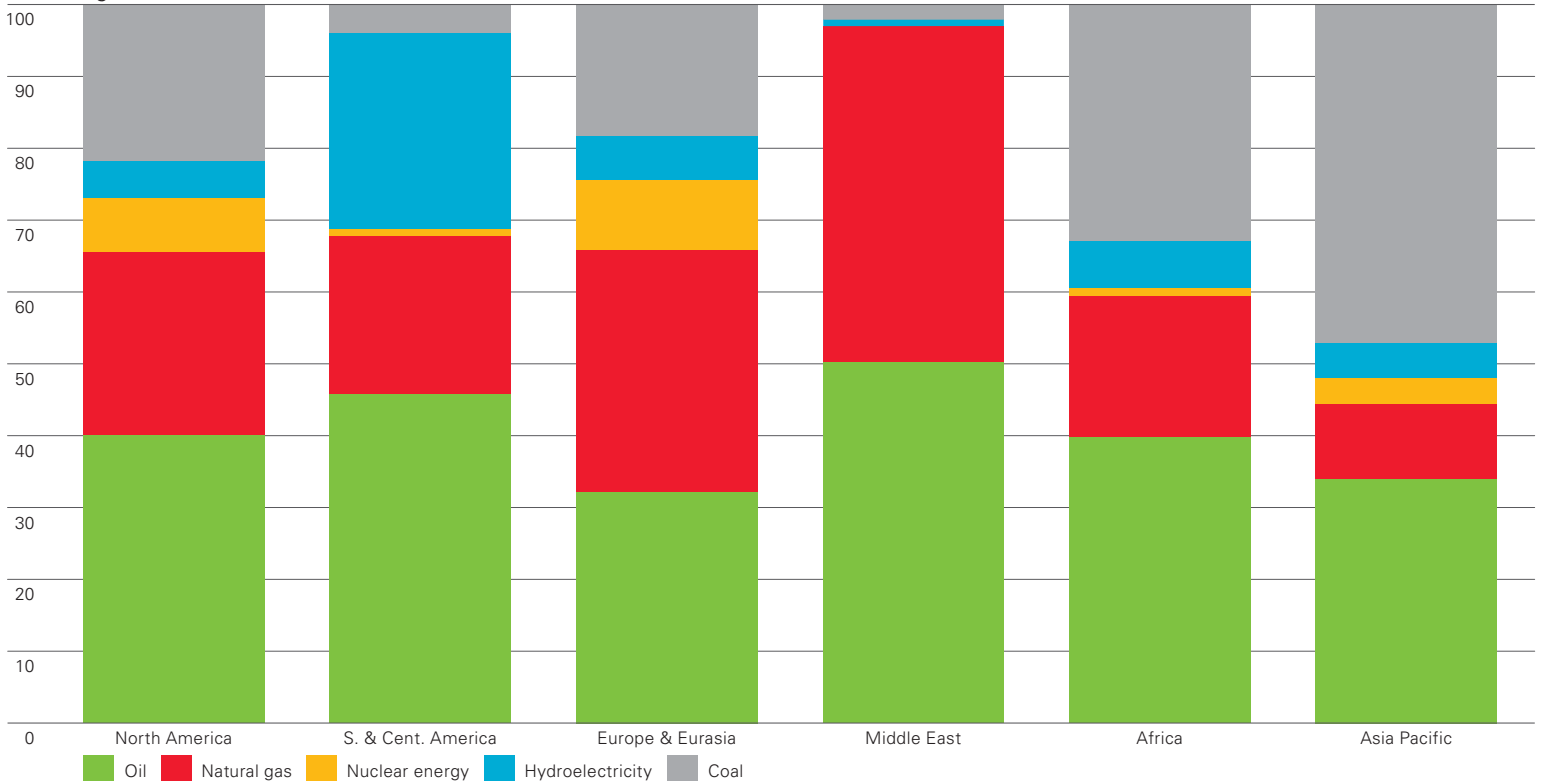
Million tonnes oil equivalent



Global primary energy consumption recorded the strongest incremental growth ever, rising by 4.3%. Growth was above the 10-year average in all regions and for all fuels.

Regional consumption pattern 2004

Percentage

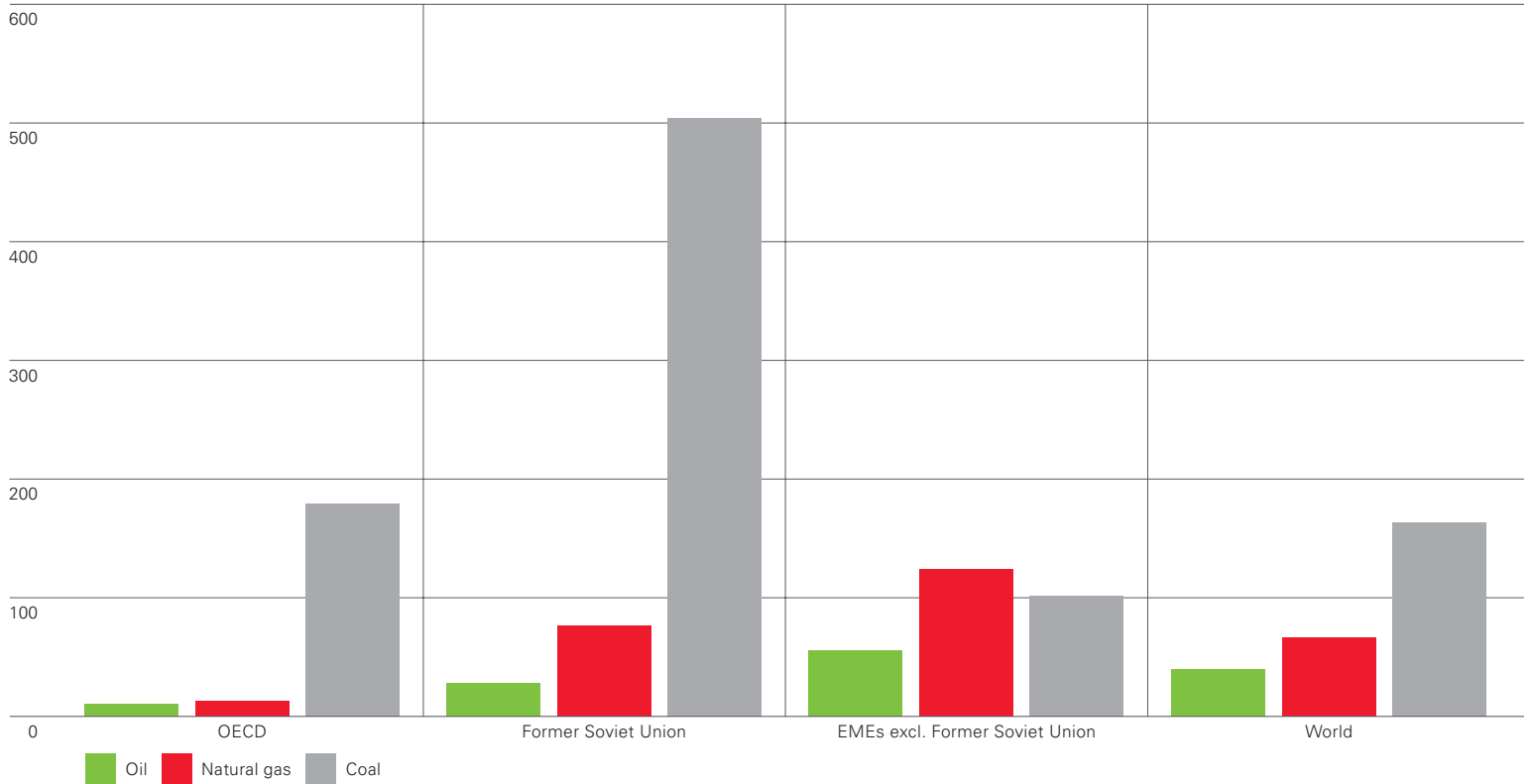


Oil remains the largest single source of energy in most parts of the world. The exceptions are the Former Soviet Union, where gas dominates, and Asia Pacific, where coal is the dominant fuel.

Primary energy

Fossil fuel reserves-to-production (R/P) ratios at end 2004

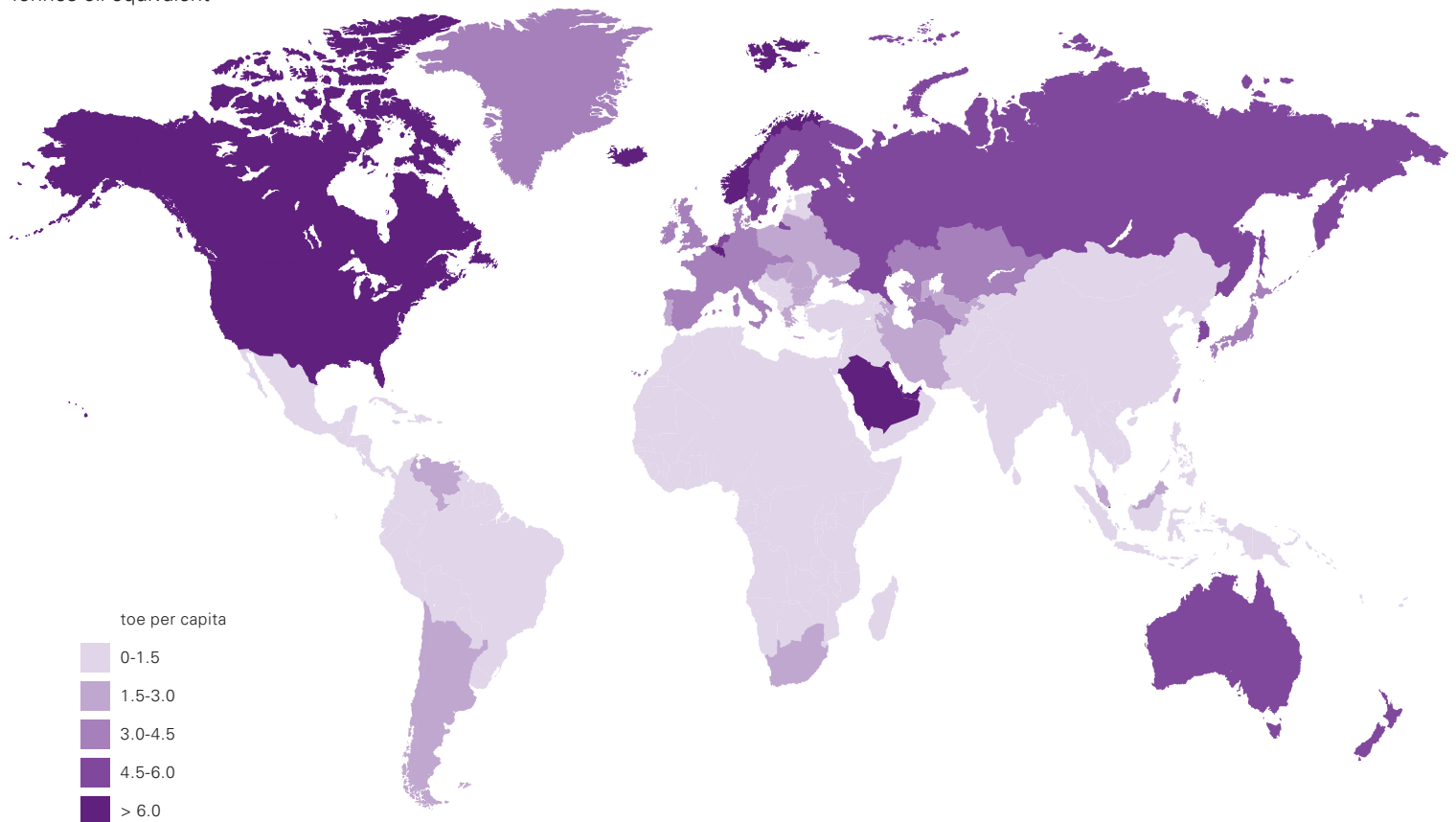
Years



The world's reserves-to-production (R/P) ratio for coal is almost five times that for oil and almost three times that for gas. Coal's dominance in R/P ratio terms is particularly pronounced in the OECD and the Former Soviet Union, despite a 90% downgrade to Germany's reserves.

Consumption per capita

Tonnes oil equivalent



Approximate conversion factors

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

*Based on worldwide average gravity.

Products

Products	To convert			
	barrels to tonnes	tonnes to barrels	kilolitres to tonnes	tonnes to kilolitres
	Multiply by			
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 and 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	0.73	36	6.29
1 billion cubic feet NG	0.028	1	0.026	0.021	1.03	0.18
1 million tonnes oil equivalent	1.111	39.2	1	0.805	40.4	7.33
1 million tonnes LNG	1.38	48.7	1.23	1	52.0	8.68
1 trillion British thermal units	0.028	0.98	0.025	0.02	1	0.17
1 million barrels oil equivalent	0.16	5.61	0.14	0.12	5.8	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.

North America

USA (excluding Puerto Rico), Canada and 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, Slovenia, Yugoslavia.

Former Soviet Union

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

Europe and Eurasia

This includes 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 and Sri Lanka), South Korea, Taiwan, Thailand, Vietnam, Australia, New Zealand, Papua New Guinea and Oceania.

*Special Administrative Region.

Units

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

Calorific equivalents

One tonne of oil equivalent equals approximately:

Heat units	10 million kilocalories 42 gigajoules 40 million Btu
Solid fuels	1.5 tonnes of hard coal 3 tonnes of lignite
Gaseous fuels	see natural gas and LNG table
Electricity	12 megawatt-hours

One million tonnes of oil produces about 4500 gigawatt-hours (= 4.5 terawatt-hours) of electricity in a modern power station.

Australasia

Australia, New Zealand.

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

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, USA.

OPEC members

Middle East: Iran, Iraq, Kuwait, Qatar, Saudi Arabia, United Arab Emirates (Abu Dhabi, Dubai, Ras-al-Khaimah and Sharjah). **North Africa:** Algeria, Libya. **West Africa:** Nigeria. **Asia Pacific:** Indonesia. **South America:** Venezuela.

(Since Ecuador and Gabon have withdrawn from OPEC, they are excluded from all OPEC totals.)

European Union members (25)

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

Other EMEs (Emerging Market Economies)

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

Other terms

Tonnes: Metric tons.

Percentages: Calculated before rounding of actuals. All annual changes and shares of totals are on a weight basis except on pages 4, 12, 16, 18 and 20.

Rounding differences: Because of rounding, some totals – including the 2004 share of total – may not agree exactly with the sum of their component parts.



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