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#### The BP Statistical Review of World Energy on bp.com

Our website contains all data found in the printed edition, plus a number of additions, including the historical series from 1965 for many sections. This year we have extra tables for coal, hydroelectricity and nuclear energy. The website provides additional tools and energy topics, including renewable energy, to assist researchers. All data can be downloaded.

### foreword

The volatility of energy markets in recent years and the current geopolitical situation have led to a renewed focus on energy policy and the central issue of energy security. An informed debate on this important subject requires a sound understanding of current energy markets and how those markets have evolved over time. This in turn requires ready access to a consistent and objective set of historical energy data.

It is therefore my pleasure to introduce the 51st edition of the BP Statistical Review of World Energy. Throughout its life, the Review has aimed to provide a comprehensive source of high-quality data for analysts, policy makers and all those with an interest in energy matters. Over time, the Review has tracked major changes in the structure of the energy business, the response of the markets to shocks such as the oil crises of the 1970s and the changing pattern of energy trade. I hope that it will continue to inform the ongoing energy debate.

As the data shows, 2001 was a volatile year in the world's energy markets, as a result both of the economic downturn and the horrific events of 11 September. Despite all the volatility, however, markets continued to operate effectively, demonstrating once again the value that flows from the maintenance of diverse sources of supply, particularly for oil and natural gas.

Production of a printed document such as this inevitably places limitations on the volume of data that can be shown. Electronic media impose fewer constraints. We have therefore made a more comprehensive data set available at <a href="https://www.bp.com/centres/energy/">www.bp.com/centres/energy/</a>, with many of the series going back as far as 1965.

I would like to thank all those who have helped produce this Review and I hope that readers find it both useful and interesting.

The Lord Browne of Madingley Group Chief Executive

June 2002

### bp statistical review of world energy



### 2001 in review

World consumption of primary energy increased only marginally in 2001, growing by 0.3%. 2001 was the third year since 1998 in which primary energy consumption increased by less than 0.5% year-on-year. The main cause of demand weakness in 2001 was the downturn in the world economy: world economic growth dropped to 1.5%, well below the 10-year (1991-2001) annual trend of 2.7%.

#### **Energy developments**

Analysed by fuel, coal and nuclear energy showed some relative strength in 2001, growing by 1.7% and 2.8% respectively, while hydroelectric power fell by a steep 3.7%. Oil and natural gas consumption was broadly flat, possibly reflecting the impact of continued high prices.

Analysed by region, energy demand was especially weak in the Americas and in most of Asia. This reflected economic developments during the year as the sharp deceleration in the US economy also affected that country's main trading partners. North American consumption fell year-on-year for the first time in a decade, declining by a sizeable 2.4%. Consumption in South and Central America decreased by 0.3%, compared with a 10-year annual trend growth of 3.2%. Asia (excluding China) recorded some growth in energy use, at 1.3%, but this was well below the 10-year annual trend rate of 3.4%.

China and the Former Soviet Union bucked the trend of relative demand weakness. Chinese energy use grew by a robust 4.3% as the recent trend of declining coal demand came to an abrupt end. Former Soviet Union consumption rose for a third consecutive year as economic recovery continued.

#### Oil

Brent oil prices averaged \$24.77 per barrel in 2001. This was lower than the \$28.98 recorded in 2000 but still well above the post-1986 average of around \$19 per barrel. Through a series of quota reductions, OPEC was successful in keeping prices (for the OPEC crude basket) within its \$22-28 target range through late September. However, the market could not sustain prices at these levels following the 11 September terrorist attacks on the

USA, which had a severe negative impact on oil demand. Brent prices hit a low point of \$16.54 per barrel in mid-November and averaged well under \$20 per barrel in the fourth quarter.

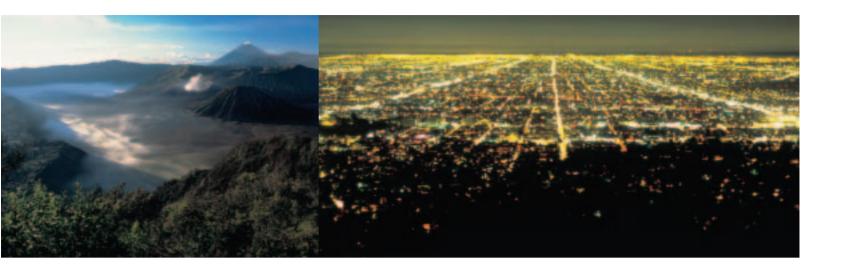
In total, OPEC oil production fell by 720,000 barrels per day (b/d) or 2.7% year-on-year. In percentage terms, the largest decrease was of 8.4% in Iraq, where UN-sanctioned exports were disrupted severely in January, June and December, following rollovers of the UN's 'Oil for Food' programme. In absolute terms, the largest fall was in Saudi Arabia, whose 350,000 b/d cut accounted for almost half the OPEC total.

The decline in OPEC oil production during 2001 was almost exactly offset by the increase in production outside OPEC. For the second consecutive year, Former Soviet Union production grew strongly, taking the two-year production increase to over one million b/d. Outside the Former Soviet Union, non-OPEC production grew by less than 100,000 b/d. Modest gains in Mexico, Brazil, Norway and Equatorial Guinea were largely offset by falls in Colombia, Australia and the UK.

World oil consumption in 2001 was down marginally on the year before: the first decline since 1993. Europe and Africa were the only regions to register consumption increases. Demand weakness was especially pronounced in Asia, where consumption fell 0.5% compared with a 10-year trend of 3.6% annual growth.

#### Natural gas

Consumption of natural gas grew by only 0.3% in 2001, a marked change from the 4.3% increase registered in 2000. The global picture was heavily influenced by developments in North America, where record high gas prices and the economic



downturn resulted in a sharp 5% consumption decrease. Consumption in all other regions increased, with Asia Pacific especially strong, up by 5%.

The decline in North American gas consumption was not matched on the production side. North American production rose 1.6%, stimulated by high prices. The rise in production allowed a rebuilding of US and Canadian gas inventories, which began the year at record lows but ended 2001 well above seasonal norms. The Middle East was the fastest-growing gas production region in 2001, driven by the expansion of Qatari and Omani liquefied natural gas exports.

#### Other fuels

World coal consumption increased by 1.7% in 2001, as Chinese demand grew strongly, following four years of decline, and strong increases were recorded in some other Asian countries. European coal use resumed its trend decline, falling 1.2%. US coal consumption fell 1.7%, reversing much of the strong growth seen during 2000.

Consumption of nuclear power rose in all regions except Africa, expanding by 2.8% globally, despite a very limited increase in nuclear generation capacity. Hydroelectric generation contracted by a sizeable 3.7%, reflecting sharp drops of 14.1% in North America and 11.7% in Brazil.

#### **Methodological changes**

Two major methodological changes have been made to this year's Review.

- The primary energy values of both nuclear and hydroelectric power generation have been derived by calculating the equivalent amount of fossil fuel required to generate the same volume of electricity in a thermal power station, assuming a conversion efficiency of 38% (the average for OECD thermal power generation). Previously, thermal equivalence was calculated for nuclear power only, using a lower conversion efficiency of 33%.
- Refinery gain and loss is no longer deducted from the US oil consumption figure, bringing the country into line with the rest of the world.

#### **Acknowledgements**

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

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proved reserves	At end 1981 Thousand	At end 1991 Thousand	At end 2000 Thousand	Thousand	At er Thousand	nd 2001	
provod received	million barrels	million barrels	million barrels	million barrels	million tonnes	Share of total	R/P ratio
USA	36.5	33.7	30.1	30.4	3.7	2.9%	10.7
Canada	8.5	8.0	6.4	6.6	0.8	0.6%	8.8
Mexico	57.0	51.3	28.3	26.9	3.8	2.6%	21.7
Total North America	102.0	93.0	64.8	63.9	8.4	6.1%	13.5
Argentina	2.7	1.6	3.1	3.0	0.4	0.3%	10.1
Brazil	1.3	2.8	8.1	8.5	1.2	0.8%	17.5
Colombia	0.5	1.9	2.0	1.8	0.2	0.2%	7.7
Ecuador	0.9	1.6	2.1	2.1	0.3 †	0.2%	14.0
Peru Trinidad & Tobago	0.8 0.6	0.4 0.5	0.3 0.7	0.3 0.7	0.1	0.1%	8.9 15.7
Venezuela	20.3	59.1	76.9	77.7	11.2	7.4%	63.5
Other S. & Cent. America	0.9	0.6	1.4	1.9	0.3	0.2%	38.6
Total S. & Cent. America	28.0	68.5	94.5	96.0	13.7	9.1%	38.8
Denmark	0.5	0.8	1.1	1.1	0.2	0.1%	8.9
Italy	0.6	0.7	0.6	0.6	0.1	0.1%	21.7
Norway	7.6	7.6	9.4	9.4	1.3	0.9%	7.8
Romania	n/a	1.2	1.4	1.0	0.1	0.1%	20.4
United Kingdom	14.8	4.0	5.0	4.9	0.7	0.5%	5.6
Other Europe	4.3	2.1	1.6	1.6	0.2	0.2%	13.7
Total Europe	27.9	16.3	19.2	18.7	2.5	1.8%	7.8
Azerbaijan	n/a	n/a	6.9	7.0	1.0	0.7%	64.3
Kazakhstan	n/a	n/a	8.0	8.0	1.1	0.8%	27.6
Russian Federation	n/a	n/a	48.6	48.6	6.7	4.6%	19.1
Turkmenistan	n/a	n/a	0.5	0.5	0.1	0.1%	9.3
Uzbekistan Other Ferran Cariat Heira	n/a	n/a	0.6	0.6	0.1	0.1%	11.2
Other Former Soviet Union	n/a 63.0	n/a 57.0	0.7 65.3	0.7 65.4	0.1 9.0	0.1% 6.2%	15.2
Total Former Soviet Union	57.0	92.9	89.7	89.7	12.3	8.5%	21.1 67.4
Iraq	29.7	100.0	112.5	112.5	15.2	10.7%	*
Kuwait	67.7	96.5	96.5	96.5	13.3	9.2%	*
Oman	2.6	4.3	5.5	5.5	0.7	0.5%	15.8
Qatar	3.4	3.7	13.2	15.2	2.0	1.4%	55.5
Saudi Arabia	167.9	260.3	261.7	261.8	36.0	24.9%	85.0
Syria	1.9	1.7	2.5	2.5	0.3	0.2%	12.5
United Arab Emirates	32.2	98.1	97.8	97.8	13.0	9.3%	*
Yemen	_	4.0	4.0	4.0	0.5	0.4%	24.2
Other Middle East	0.2	0.1	0.2	0.1	t	•	7.8
Total Middle East	362.6	661.6	683.5	685.6	93.4	65.3%	86.8
Algeria	8.1	9.2	9.2	9.2	1.2	0.9%	17.6
Angola	1.5	1.8	5.4	5.4	0.7	0.5%	20.3
Cameroon  Regulation of Congress (Proposition)	0.5	0.4	0.4	0.4	0.1		13.7
Republic of Congo (Brazzaville)	1.3 2.9	0.8 4.5	1.5 2.9	1.5 2.9	0.2 0.4	0.1% 0.3%	15.2 11.1
Egypt Gabon	0.5	0.7	2.5	2.5	0.4	0.3 %	22.8
Libya	22.6	22.8	29.5	29.5	3.8	2.8%	57.3
Nigeria	16.5	17.9	22.5	24.0	3.2	2.3%	30.8
Tunisia	1.7	1.7	0.3	0.3	†	<b>2.070</b>	11.6
Other Africa	0.7	0.6	0.6	0.9	0.1	0.1%	5.4
Total Africa	56.2	60.5	74.9	76.7	10.2	7.3%	27.4
Australia	1.7	1.5	2.9	3.5	0.4	0.3%	14.0
Brunei	1.6	1.4	1.4	1.4	0.2	0.1%	19.4
China	19.9	24.0	24.0	24.0	3.3	2.3%	19.9
India	2.7	6.1	4.7	4.8	0.6	0.5%	17.8
Indonesia	9.8	6.6	5.0	5.0	0.7	0.5%	10.1
Malaysia	2.8	3.0	3.9	3.0	0.4	0.3%	11.2
Papua New Guinea	_	0.2	0.4	0.2	†	•	11.5
Thailand	_	0.3	0.4	0.5	0.1	•	9.5
Vietnam	_	0.5	0.6	0.6	0.1	0.1%	4.7
Other Asia Pacific	0.5	0.5	0.8	0.7	0.1	0.1%	14.7
Total Asia Pacific	39.0	44.1	44.0	43.8	5.9	4.2%	15.6
TOTAL WORLD of which: OECD#	<b>678.7</b> 128.9	<b>1000.9</b> 109.5	<b>1046.2</b> 85.3	1050.0 85.0	143.0 11.2	<b>100.0%</b> 8.1%	<b>40.3</b> 11.5
OPEC	435.2	767.1	814.4	818.8	111.8	78.0%	76.6
Non-OPEC‡	180.5	176.8	166.5	165.8	22.2	15.8%	13.3
I VOIT OT LOT	100.5	170.0	100.0	100.0	££.£	10.070	10.0

<sup>\*</sup>Over 100 years.

#### 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/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 – With the exception of Azerbaijan and Kazakhstan, the estimates contained in this table are those published by the Oil and Gas Journal, plus an estimate of natural gas liquids for USA and Canada. Reserves of shale oil and oil sands are not included.

<sup>†</sup>Less than 0.05.

Less than 0.05%.

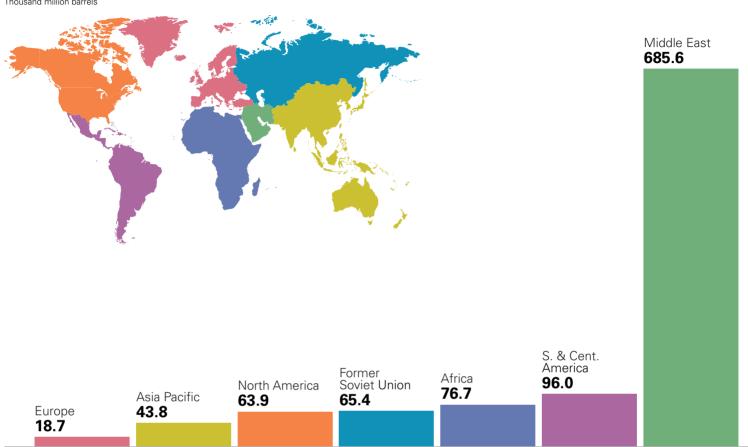
<sup>‡</sup>Excludes Former Soviet Union.

<sup>#1981</sup> excludes Central European members.

n/a not available.

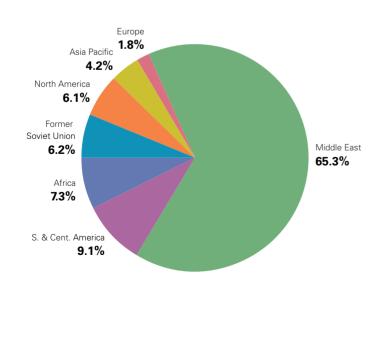
#### proved reserves at end 2001





### distribution of proved reserves 2001

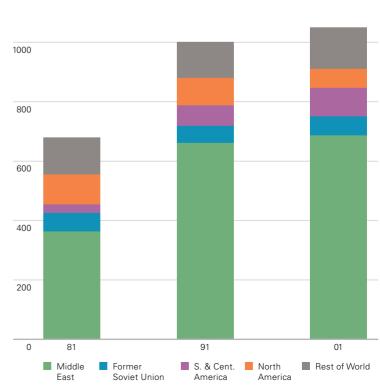
Thousand million barrels %



### proved reserves

Thousand million barrels

1200



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production*												Change 2001 over	2001 share
Thousand barrels daily	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	9076	8868	8583	8389	8322	8295	8269	8011	7731	7733	7717	-0.3%	9.8%
Canada Mexico	1980 3126	2062 3120	2184 3132	2276 3142	2402 3065	2480 3277	2588 3410	2672 3499	2604 3343	2721 3450	2763 3560	1.7% 3.1%	3.6% 4.9%
Total North America	14182	14050	13899	13807	13789	14052	14267	14182	13678	13904	14040	1.0%	18.3%
Argentina	526	587	630	695	758	823	877	889	843	811	822	1.1%	1.1%
Brazil	643	652	664	693	718	807	868	1003	1133	1268	1337	5.0%	1.9%
Colombia	430	442	458	460	591	635	667	775	838	711		-12.1%	0.9%
Ecuador	307	328	353	388	395	393	397	384	382	409	416	1.4%	0.6%
Peru	116	117	127	128	123	121	120	119	117	100	102	0.5%	0.1%
Trinidad & Tobago	149	144	134	141	142	141	135	134	141	139	135	-4.3%	0.2%
Venezuela	2501	2499	2592	2752	2959	3137	3321	3512	3249	3321	3418	2.7%	4.9%
Other S. & Cent. America	77	76	83	90	96	98	107	122	127	134	144	7.1%	0.2%
Total S. & Cent. America	4749	4845	5040	5347	5782	6155	6492	6938	6830	6894	7001	1.3%	9.9%
Denmark	141	156	167	184	185	204	229	231	296	359	342	-4.9%	0.5%
Italy	83 1923	86 2198	89 2359	94 2692	101 2889	104 3234	114 3279	108 3136	96 3132	88 3347	79 3414	-10.7% 1.0%	0.1% 4.5%
Norway Romania	146	142	144	145	145	142	141	137	133	131	130	-0.7%	0.2%
United Kingdom	1919	1981	2119	2675	2749	2735	2713	2805	2903	2667	2503	-6.6%	3.3%
Other Europe	505	494	462	471	442	411	387	372	344	336	341	0.8%	0.5%
Total Europe	4718	5057	5341	6261	6511	6831	6863	6788	6905	6927	6808	-2.4%	9.0%
Azerbaijan	238	226	209	193	185	183	185	230	278	281	300	6.6%	0.4%
Kazakhstan	569	549	490	430	434	474	536	537	631	744	828	12.4%	1.1%
Russian Federation	9326	8038	7173	6419	6288	6114	6227	6169	6178	6536	7056	7.7%	9.7%
Turkmenistan	113	109	92	87	84	90	108	129	143	144	162	12.0%	0.2%
Uzbekistan	69	79	94	124	172	174	182	191	191	177	172	-3.2%	0.2%
Other Former Soviet Union	157	147	139	138	134	137	139	135	131	131	134	2.3%	0.2%
Total Former Soviet Union	10472	9149	8196	7391	7297	7171	7377	7391	7551	8013	8652 3688	7.8%	11.8%
Iran Iraq	3500 279	3523 526	3683 465	3692 522	3695 575	3709 625	3726 1201	3803 2162	3552 2581	3772 2624	2414	-2.6% -8.4%	5.1% 3.3%
Kuwait	185	1097	1966	2100	2135	2126	2139	2102	2038	2169	2142	-0.4 % -1.7 %	2.9%
Oman	716	748	785	819	868	897	909	905	911	961	959	-0.5%	1.3%
Qatar	420	495	460	451	461	568	694	747	724	796	783	-2.3%	1.0%
Saudi Arabia	8820	9098	8962	8873	8890	9036	9213	9219	8549	9115	8768	-4.2%	11.8%
Syria	472	518	570	568	603	591	582	581	584	555	551	-1.1%	0.8%
United Arab Emirates	2639	2510	2443	2482	2410	2495	2490	2556	2299	2491	2422	-3.2%	3.2%
Yemen	197	184	209	346	351	357	375	382	396	438	458	4.2%	0.6%
Other Middle East	53	54	53	52	52	50	50	49	48	49	49	-0.3%	0.1%
Total Middle East	17280	18754	19597	19905	20040	20454	21378	22603	21681	22970	22233	-3.6%	30.0%
Algeria	1351	1323	1329	1324	1327	1386	1421	1461	1515	1579	1563	-1.6%	1.8%
Angola Cameroon	498 143	550 134	504 130	557 115	633 106	716 110	741 124	731 105	745 95	736 88	731 80	-1.0% -9.3%	1.0% 0.1%
Republic of Congo (Brazzaville)	156	167	185	185	180	200	225	264	293	275	271	-9.3 % -1.8 %	0.1%
Egypt	896	906	941	921	924	894	873	857	827	781	758	-3.8%	1.0%
Equatorial Guinea	-	2	5	5	7	17	60	83	100	113	181	60.1%	0.3%
Gabon	295	289	305	337	356	365	364	337	340	327	301	-8.2%	0.4%
Libya	1439	1473	1402	1431	1439	1452	1489	1480	1425	1475	1425	-3.7%	1.9%
Nigeria	1890	1950	1985	1988	1998	2138	2303	2163	2028	2103	2148	1.9%	2.9%
Tunisia	110	110	99	93	90	89	81	85	86	80	73	-9.1%	0.1%
Other Africa	33	29	38	44	53	68	73	75	120	238	284	19.0%	0.4%
Total Africa	6810	6933	6922	7001	7112	7435	7753	7640	7574	7795	7814	-0.1%	10.3%
Australia	606	598	566	611	583	610	668	644	577	812		-10.1%	0.9%
Brunei	164	182	175	179	175	165	163	157	182	193	195	0.8%	0.3%
China India	2828 703	2841 643	2888 620	2930 707	2989 794	3170 782	3211 800	3212 800	3213 788	3252 778	3308 782	1.4%	4.6% 1.0%
India Indonesia	1669	1579	620 1588	707 1589	794 1578	782 1580	1557	1520	788 1408	778 1456	782 1410	-4.1%	1.0%
Malaysia	660	670	662	674	724	736	764	815	791	791	788	-4.1% -1.1%	1.0%
Papua New Guinea	-	53	126	121	100	106	76	81	88	69		-17.6%	0.1%
		83	87	87	87	97	116	121	132	164	178	6.7%	0.2%
manana	75	೦೦					205	245	296	328			
	75 80	111	128	144	155	179	205	240	200	320	350	5.4%	0.5%
Vietnam			128 156	144 143	155 136	145	158	143	137	136	143	5.4%	
Thailand Vietnam Other Asia Pacific Total Asia Pacific	80	111 159 6918	156 6996										0.2%
Vietnam Other Asia Pacific Total Asia Pacific TOTAL WORLD	80 148 6933 <b>65144</b>	111 159 6918 <b>65705</b>	156 6996 <b>65990</b>	143 7185 <b>66897</b>	136 7320 <b>67851</b>	145 7570 <b>69668</b>	158 7718 <b>71848</b>	143 7739 <b>73280</b>	137 7612 <b>71832</b>	136 7980 <b>74482</b>	143 7943 74493	5.2% -0.9% <b>-0.3%</b>	0.2% 10.6% <b>100.0%</b>
Vietnam Other Asia Pacific Total Asia Pacific TOTAL WORLD of which: OECD	80 148 6933 <b>65144</b> 19354	111 159 6918 <b>65705</b> 19549	156 6996 <b>65990</b> 19650	143 7185 <b>66897</b> 20526	136 7320 <b>67851</b> 20726	145 7570 <b>69668</b> 21350	158 7718 <b>71848</b> 21675	143 7739 <b>73280</b> 21487	137 7612 <b>71832</b> 21039	136 7980 <b>74482</b> 21523	143 7943 74493 21462	5.2% -0.9% <b>-0.3%</b> -0.5%	0.2% 10.6% <b>100.0%</b> 28.1%
Vietnam Other Asia Pacific Total Asia Pacific TOTAL WORLD	80 148 6933 <b>65144</b>	111 159 6918 <b>65705</b>	156 6996 <b>65990</b>	143 7185 <b>66897</b>	136 7320 <b>67851</b>	145 7570 <b>69668</b>	158 7718 <b>71848</b>	143 7739 <b>73280</b>	137 7612 <b>71832</b>	136 7980 <b>74482</b>	143 7943 74493	5.2% -0.9% <b>-0.3%</b>	0.5% 0.2% 10.6% <b>100.0%</b> 28.1% 40.7% 47.4%

<sup>\*</sup>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.

**Note:** 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.

Less than 0.05%.

<sup>‡</sup>Excludes Former Soviet Union.

production*												Change	2001
Million tonnes	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2001 over 2000	share of total
USA	422.9	413.0	397.0	387.5	383.6	382.1	380.0	368.1	352.6	352.6	351.7	-0.3%	9.8%
Canada	93.0	97.0	102.0	106.4	111.9	115.5	120.7	125.1	121.0	126.9	129.1	1.7%	3.6%
Mexico	153.7	153.7	153.8	154.4	150.5	162.6	169.7	173.5	165.2	171.2	176.6	3.1%	4.9%
Total North America	669.6	663.7	652.9	648.3	646.0	660.1	670.4	666.7	638.8	650.8	657.4	1.0%	18.3%
Argentina	25.9	29.0	31.1	34.5	37.5	40.8	43.4	44.0	41.7	40.2	40.6	1.1%	1.1%
Brazil	31.9	32.3	32.9	34.3	35.5	40.2	43.1	49.8	56.3	63.2	66.3	5.0%	1.9%
Colombia	21.5	22.2	22.9	23.0	29.5	31.8	33.2	38.5	41.6	35.3		-12.1%	0.9%
Ecuador	15.6	16.7	17.9	19.7	20.1	20.0	20.2	19.5	19.4	20.9	21.2	1.4%	0.6%
Peru	5.7	5.8	6.3	6.3	6.1	6.0	5.9	5.8	5.7	4.9	4.9	0.5%	0.1%
Trinidad & Tobago Venezuela	7.6 129.3	7.3 129.6	6.8 134.0	7.1 142.0	7.0 152.4	7.0 162.2	6.7 171.4	6.7 181.0	7.0 167.1	6.8 171.6	6.5 176.2	-4.3% 2.7%	0.2% 4.9%
Other S. & Cent. America	3.6	3.6	3.9	4.3	4.6	4.8	5.3	6.0	6.4	6.8	7.3	7.1%	0.2%
Total S. & Cent. America	241.0	246.5	255.7	271.2	292.8	312.7	329.1	351.4	345.1	349.6	354.0	1.3%	9.9%
Denmark	7.0	7.8	8.3	9.1	9.2	10.1	11.4	11.4	14.7	17.8	16.9	-4.9%	0.5%
Italy	4.3	4.5	4.6	4.9	5.2	5.5	6.0	5.6	5.0	4.6	4.1	-10.7%	0.1%
Norway	93.3	106.9	114.1	129.4	138.5	155.5	156.9	150.0	149.4	160.5	162.1	1.0%	4.5%
Romania	7.0	6.8	6.9	7.0	7.0	6.9	6.8	6.6	6.4	6.3	6.2	-0.7%	0.2%
United Kingdom	91.3	94.3	100.2	126.5	129.9	129.7	128.2	132.5	137.1	126.2	117.9	-6.6%	3.3%
Other Europe	24.7	24.1	22.4	22.9	21.4	20.0	18.8	18.0	16.7	16.3	16.5	0.8%	0.5%
Total Europe	227.5	244.4	256.6	299.8	311.2	327.6	327.9	324.2	329.2	331.8	323.7	-2.4%	9.0%
Azerbaijan	11.7	11.1	10.3	9.6	9.2	9.1	9.2	11.4	13.8	14.0	14.9	6.6%	0.4%
Kazakhstan Russian Federation	26.6 461.9	25.8 398.8	23.0 354.9	20.3 317.6	20.6 310.8	23.0 302.9	25.8 307.4	25.9 304.3	30.1 304.8	35.3 323.3	39.7 348.1	12.4% 7.7%	1.1% 9.7%
Turkmenistan	5.4	5.2	354.9 4.4	4.2	4.1	4.4	5.4	6.4	7.1	7.2	8.0	12.0%	0.2%
Uzbekistan	2.8	3.3	4.4	5.5	7.6	7.6	7.9	8.2	8.1	7.5	7.3	-3.2%	0.2 %
Other Former Soviet Union	7.4	7.0	6.6	6.5	6.2	6.4	6.4	6.2	6.1	6.1	6.2	2.3%	0.2%
Total Former Soviet Union	515.8	451.2	403.2	363.7	358.4	353.3	362.0	362.5	369.9	393.3	424.2	7.8%	11.8%
Iran	174.4	175.7	183.2	183.6	183.7	184.8	185.1	188.9	176.2	187.7	182.9	-2.6%	5.1%
Iraq	13.7	26.0	22.7	25.3	27.4	30.0	58.3	105.6	126.1	128.6	117.9	-8.4%	3.3%
Kuwait	9.2	54.6	97.2	103.8	105.0	105.0	105.2	107.9	99.5	106.0	104.2	-1.7%	2.9%
Oman	35.3	37.0	38.8	40.5	42.8	44.4	44.9	44.7	45.0	47.6	47.4	-0.5%	1.3%
Qatar	19.7	22.8	21.1	20.6	21.1	26.2	32.2	34.6	33.4	36.8	36.0	-2.3%	1.0%
Saudi Arabia	428.4	442.4	432.8	427.7	428.3	436.3	443.8	444.5	411.9	441.4	422.9	-4.2%	11.8%
Syria	23.5	25.8	28.3	28.2	29.9	29.4	28.9	28.8	29.0	27.6	27.3	-1.1%	0.8%
United Arab Emirates Yemen	125.0 9.4	118.9 8.7	114.8 9.9	116.6 16.4	114.0 16.7	117.9 16.9	117.0 17.7	119.9 18.1	107.6 18.7	117.0 20.8	113.2 21.7	-3.2% 4.2%	3.2% 0.6%
Other Middle East	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	20.8	2.3	-0.3%	0.0%
Total Middle East	841.0	914.4	951.2	965.1	971.2	993.2	1035.4	1095.2	1049.6	1115.8	1075.6	-3.6%	30.0%
Algeria	57.7	56.6	56.7	56.4	56.6	59.3	60.3	61.8	63.9	66.8	65.8	-1.6%	1.8%
Angola	24.5	27.2	24.8	27.4	31.2	35.4	36.5	36.0	36.7	36.4	36.0	-1.0%	1.0%
Cameroon	7.2	6.8	6.6	5.8	5.4	5.6	6.3	5.3	4.8	4.5	4.1	-9.3%	0.1%
Republic of Congo (Brazzaville)	8.1	8.6	9.5	9.6	9.3	10.4	11.6	13.6	15.1	14.2	14.0	-1.8%	0.4%
Egypt	45.4	46.0	47.5	46.5	46.6	45.1	43.8	43.0	41.4	38.8	37.3	-3.8%	1.0%
Equatorial Guinea	-	0.1	0.2	0.2	0.3	0.9	3.0	4.1	5.0	5.6	9.0	60.1%	0.3%
Gabon	14.7	14.5	15.2	16.8	17.8	18.3	18.2	16.9	17.0	16.4	15.0	-8.2%	0.4%
Libya	67.9 93.1	69.7 96.3	66.1 97.1	67.5 97.0	67.9	68.6	70.0 112.7	69.6	67.0	69.5	67.0 105.2	-3.7%	1.9% 2.9%
Nigeria Tunisia	5.2	5.2	4.7	4.4	97.5 4.3	104.7 4.2	3.8	105.9 4.0	99.2 4.1	103.3 3.8	3.4	1.9% -9.1%	0.1%
Other Africa	1.7	1.5	1.8	2.1	2.6	3.3	3.6	3.6	5.9	11.7	13.9	19.0%	0.1%
Total Africa	325.5	332.4	330.4	333.8	339.3	355.7	369.7	363.7	360.0	370.9	370.7	-0.1%	10.3%
Australia	26.9	26.5	24.9	26.9	25.4	26.6	28.8	27.4	24.5	35.4		-10.1%	0.9%
Brunei	7.9	8.9	8.5	8.7	8.5	8.0	7.9	7.6	8.9	9.4	9.5	0.8%	0.3%
China	141.0	142.0	144.0	146.1	149.0	158.5	160.1	160.2	160.2	162.6	164.9	1.4%	4.6%
India	33.1	30.2	29.0	33.2	37.3	36.5	37.3	37.0	36.5	36.1	36.1	•	1.0%
Indonesia	81.0	76.7	76.9	76.9	76.5	76.7	75.7	74.2	68.6	71.5	68.6	-4.1%	1.9%
Malaysia	31.2	31.7	31.1	31.7	34.0	34.4	35.1	36.9	35.6	35.5	35.1	-1.1%	1.0%
Papua New Guinea	-	2.5	5.9	5.7	4.7	5.0	3.5	3.8	4.1	3.2		-17.6%	0.1%
Thailand	3.0	3.3	3.4	3.5	3.4	3.8	4.5	4.7	5.2	6.6	7.1	6.7%	0.2%
Vietnam Other Asia Pasifia	4.0	5.5	6.3	7.1	7.7	8.9	10.1	12.1	14.6	16.2	17.1	5.4%	0.5%
Other Asia Pacific  Total Asia Pacific	6.9	7.4 334.7	7.3 337.1	6.6 346.3	6.3	6.7	7.3	6.6	6.3	6.3	6.6 379.4	5.2%	0.2%
TOTAL WORLD	334.9 <b>3155.5</b>	334.7 <b>3187.3</b>	337.1 <b>3187.0</b>	346.3 <b>3228.0</b>	352.6 <b>3271.6</b>	365.2 <b>3367.8</b>	370.3 <b>3464.9</b>	370.5 <b>3534.1</b>	<b>3457.0</b>	382.9 <b>3595.0</b>	3584.9	-0.9% - <b>0.3%</b>	100.0%
of which: OECD	916.5	926.8	926.6	967.3	974.9	1007.3	1020.9	1011.9	986.5	1011.9	1006.9	-0.5%	28.1%
OPEC	1199.3	1269.3	1302.5	1317.5	1330.3	1371.7	1431.8	1493.8	1420.5	1500.2	1459.7	-2.7%	40.7%
Non-OPEC‡	1440.4	1466.8	1481.3	1546.9	1582.8	1642.8	1671.1	1677.8	1666.6	1701.5	1701.0	<b>2.7</b> 70	47.4%

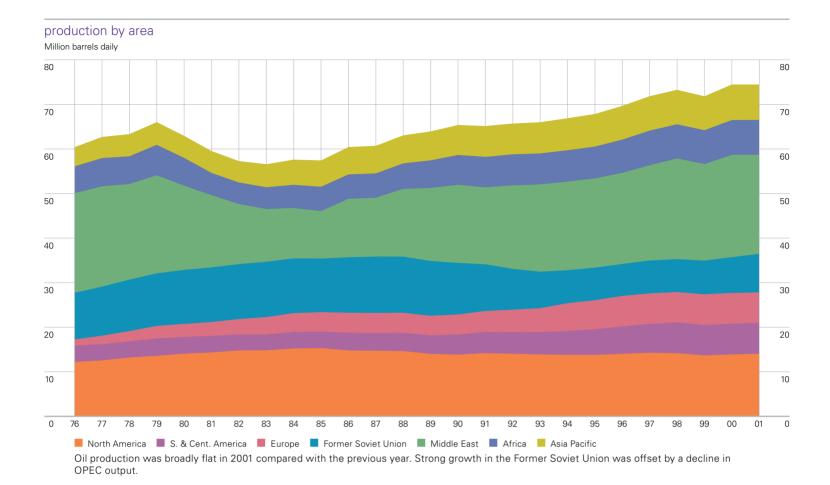
<sup>\*</sup>Includes crude oil, shale oil, oil sands and NGLs (natural gas liquids – the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as coal derivatives.

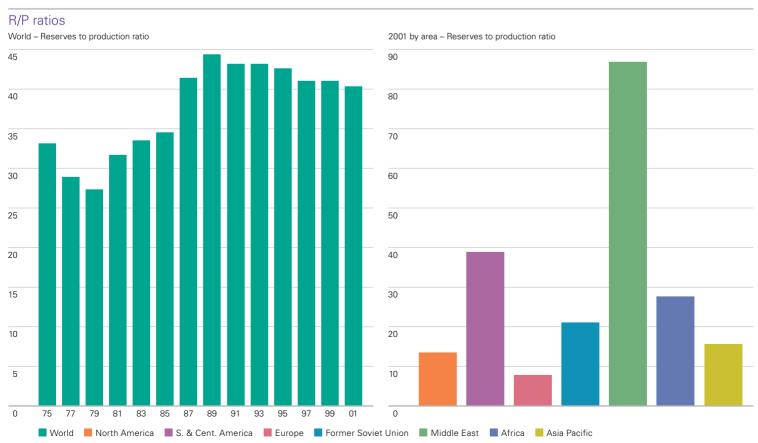
**Note:** Because of rounding some totals may not agree exactly with the sum of their component parts.

Less than 0.05%.

<sup>‡</sup>Excludes Former Soviet Union.

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The world's oil R/P ratio increased in 2001 as global oil production fell slightly and reserves increased modestly. However, at 40.3, the R/P ratio was still somewhat down on the 43.2 years of a decade ago.

consumption*											2	Change 2001 over	2001 share
Thousand barrels daily	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of tota
USA Canada	16713 1673	17033 1703	17236 1712	17719 1742	17725 1776	18309 1818	18621 1888	18917 1913	19519 1926	19701 1937	19633 1941	-0.2% -0.1%	25.5% 2.5%
Mexico	1522	1543	1549	1685	1561	1608	1682	1763	1765	1835	1813	-1.7%	2.4%
<b>Total North America</b> Argentina	19908 411	20279 417	20498 418	21145 416	21061 415	21736 432	22191 451	22593 467	23210 445	23473 431	23386 404	-0.3% -6.2%	30.4%
Brazil	1289	1328	1354	1418	1498	1601	1729	1800	1879	1867	1865	-0.2 % -0.4%	2.4%
Chile	148	159	174	190	209	228	245	247	253	256	262	2.0%	0.3%
Colombia Ecuador	213 104	233 101	238 106	246 115	260 112	268 125	272 142	266 145	238 131	232 129	220 132	-5.6% 2.3%	0.3%
Peru	111	116	120	130	148	152	152	154	157	153	145	-5.8%	0.2%
Venezuela	405	431	430	436	446	426	452	475	474	496	491	-1.3%	0.6%
Other S. & Cent. America  Total S. & Cent. America	915 3596	936 3722	963 3801	1022 3973	1073 4162	1095 4327	1125 4568	1154 4709	1168 4745	1168 4732	1175 4693	0.2%	1.6%
Austria	241	235	237	235	234	242	246	255	250	244	257	5.3%	0.2 %
Belgium & Luxembourg	544	558	546	556	546	606	629	656	670	702	672	-4.6%	0.9%
Bulgaria Czech Republic	118 145	121 140	127 142	118 149	115 169	114 177	92 170	100 174	93 174	95 169	96 178	1.5% 5.1%	0.1%
Denmark	187	186	196	209	217	235	229	223	222	215	211	-2.4%	0.2 %
Finland	221	216	206	216	208	216	213	221	224	224	222	-1.5%	0.3%
France Germany	2018 2833	2011 2849	1940 2904	1878 2880	1893 2882	1930 2921	1948 2913	2016 2915	2044 2824	2007 2763	2032 2804	0.9% 1.4%	2.7% 3.7%
Greece	323	329	342	346	361	372	379	374	383	406	396	-2.8%	0.6%
Hungary	169	170	162	169	159	148	150	157	151	145	144	-1.2%	0.2%
lceland Republic of Ireland	13 100	14 105	15 106	15 116	16 118	16 124	18 136	18 152	18 172	19 170	19 181	2.4% 6.3%	0.2%
Italy	1918	1950	1924	1920	1987	1956	1969	1974	1980	1956	1946	-0.8%	2.6%
Netherlands	767	793	788	792	828	810	856	854	880	899	948	5.3%	1.3%
Norway Poland	193 313	196 288	210 296	212 314	212 321	218 368	223 391	215 424	216 431	201 427	213 407	2.9% -4.8%	0.3%
Portugal	239	265	252	253	270	256	290	315	321	312	318	1.7%	0.4%
Romania	309	258	242	226	274	260	276	242	195	203	207	1.4%	0.3%
Slovakia Spain	89 1056	81 1113	67 1079	70 1120	69 1177	71 1221	72 1290	80 1381	73 1423	73 1452	73 1508	-0.9% 3.9%	0.1% 2.1%
Sweden	326	343	335	354	338	362	336	338	337	318	326	2.5%	0.4%
Switzerland	277	281	264	272	253	261	276	279	271	263	280	6.9%	0.4%
Turkey United Kingdom	469 1758	499 1775	574 1791	553 1777	610 1757	635 1798	646 1752	640 1745	638 1727	695 1684	662 1649	-3.9% -2.3%	0.9% 2.2%
Other Europe	349	264	276	267	282	314	340	347	345	336	346	2.8%	0.5%
Total Europe	14976	15038	15022	15019	15295	15633	15839	16092	16063	15975	16093	0.6%	21.7%
Azerbaijan Belarus	165 482	162 425	165 281	163 257	171 247	140 186	120 193	151 167	149 139	124 122	92 118	-25.8% -3.3%	0.1%
Kazakhstan	436	407	315	247	247	204	207	165	133	140	155	10.0%	0.2 %
Lithuania	165	90	78	72	64	66	66	76	63	49	57	15.9%	0.1%
Russian Federation Turkmenistan	4888 100	4494 98	3788 64	3267 74	2934 78	2606 60	2593 60	2484 56	2534 50	2474 46	2456 48	-1.0% 4.3%	3.5% 0.1%
Ukraine	1155	853	498	398	380	284	277	287	255	240	255	5.8%	0.1 %
Uzbekistan	221	182	163	145	134	148	135	141	143	128	131	1.6%	0.2%
Other Former Soviet Union  Total Former Soviet Union	369 7980	257 6969	185 5536	121 4744	108 4357	84 3779	100 3751	100 3626	91 3556	88 3412	94 3407	7.2% -0.4%	0.1% 4.8%
Iran	995	1017	1044	1099	1204	1248	1221	1160	1192	1158	1131	-3.4%	1.5%
Kuwait	72	110	102	124	130	126	139	180	202	202	206	1.6%	0.3%
Qatar Saudi Arabia	18 1174	17 1095	17 1116	19 1160	21 1123	23 1163	25 1199	26 1267	24 1306	25 1333	30 1347	19.7% 0.5%	1.8%
United Arab Emirates	318	326	335	353	349	344	317	235	257	280	282	0.6%	0.4%
Other Middle East	921	1005	1090	1135	1202	1207	1261	1293	1301	1309	1309	-0.3%	1.8%
Total Middle East	3497	3571	3704 210	3891 204	4028 198	4110 187	4161	4161 194	4283 187	4307 192	4306 200	-0.6%	5.9%
Algeria	209	211					1×/			102		3.5%	U 3%
Algeria Egypt	209 470	211 457	438	437	474	501	187 531	559	573	564	551	3.5% -3.5%	0.7%
Egypt South Africa	470 359	457 369	438 383	437 401	474 427	501 437	531 445	559 451	573 462	475	551 488	-3.5% 2.1%	0.7% 0.7%
Egypt South Africa Other Africa	470 359 956	457 369 1006	438 383 1041	437 401 1088	474 427 1099	501 437 1115	531 445 1144	559 451 1180	573 462 1216	475 1224	551 488 1251	-3.5% 2.1% 1.9%	0.7% 0.7% 1.7%
Egypt South Africa Other Africa <b>Total Africa</b> Australia	470 359 956 1994 676	457 369 1006 2043 679	438 383 1041 2073 720	437 401 1088 2130 753	474 427 1099 2198 781	501 437 1115 2240 794	531 445 1144 2307 823	559 451 1180 2385 825	573 462 1216 2439 843	475 1224 2455 837	551 488 1251 2490 845	-3.5% 2.1% 1.9% 0.8% 1.0%	0.7% 0.7% 1.7% 3.3% 1.1%
Egypt South Africa Other Africa <b>Total Africa</b> Australia Bangladesh	470 359 956 1994 676 35	457 369 1006 2043 679 38	438 383 1041 2073 720 43	437 401 1088 2130 753 45	474 427 1099 2198 781 59	501 437 1115 2240 794 60	531 445 1144 2307 823 69	559 451 1180 2385 825 76	573 462 1216 2439 843 70	475 1224 2455 837 70	551 488 1251 2490 845 71	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1%
Egypt South Africa Other Africa <b>Total Africa</b> Australia Bangladesh China	470 359 956 1994 676 35 2411	457 369 1006 2043 679 38 2662	438 383 1041 2073 720 43 2913	437 401 1088 2130 753 45 3145	474 427 1099 2198 781 59 3390	501 437 1115 2240 794 60 3672	531 445 1144 2307 823 69 3935	559 451 1180 2385 825 76 4047	573 462 1216 2439 843 70 4416	475 1224 2455 837 70 4985	551 488 1251 2490 845 71 5041	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0% 0.8%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6%
Egypt South Africa Other Africa <b>Total Africa</b> Australia Bangladesh	470 359 956 1994 676 35 2411 131 1233	457 369 1006 2043 679 38 2662 167 1296	438 383 1041 2073 720 43 2913 174 1313	437 401 1088 2130 753 45	474 427 1099 2198 781 59	501 437 1115 2240 794 60	531 445 1144 2307 823 69	559 451 1180 2385 825 76	573 462 1216 2439 843 70	475 1224 2455 837 70	551 488 1251 2490 845 71	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia	470 359 956 1994 676 35 2411 131 1233 669	457 369 1006 2043 679 38 2662 167 1296 729	438 383 1041 2073 720 43 2913 174 1313 782	437 401 1088 2130 753 45 3145 185 1413 774	474 427 1099 2198 781 59 3390 198 1533 820	501 437 1115 2240 794 60 3672 194 1663 888	531 445 1144 2307 823 69 3935 192 1753 963	559 451 1180 2385 825 76 4047 184 1835 914	573 462 1216 2439 843 70 4416 193 2016 980	475 1224 2455 837 70 4985 201 2067 1053	551 488 1251 2490 845 71 5041 198 2072 1095	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0% 0.8% -2.1% -0.4% 3.7%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 2.8% 1.5%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan	470 359 956 1994 676 35 2411 131 1233 669 5410	457 369 1006 2043 679 38 2662 167 1296 729 5521	438 383 1041 2073 720 43 2913 174 1313 782 5440	437 401 1088 2130 753 45 3145 185 1413 774 5745	474 427 1099 2198 781 59 3390 198 1533 820 5784	501 437 1115 2240 794 60 3672 194 1663 888 5812	531 445 1144 2307 823 69 3935 192 1753 963 5761	559 451 1180 2385 825 76 4047 184 1835 914 5525	573 462 1216 2439 843 70 4416 193 2016 980 5618	475 1224 2455 837 70 4985 201 2067 1053 5576	551 488 1251 2490 845 71 5041 198 2072 1095 5427	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 2.8% 1.5% 7.0%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134	-3.5% 2.1% 1.9% 0.8% 1.0% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -8.8% -0.4%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 2.8% 1.5% 7.0% 0.5%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -0.4% 0.7%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 2.8% 1.5% 7.0% 0.5% 0.2%
Egypt South Africa Other Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344	501 437 1115 2240 794 600 3672 194 1663 888 5812 405 127 329 360	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 389	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 347	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -8.8% -0.4% 0.7% -0.5%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 1.5% 7.0% 0.5% 0.5% 0.5%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -0.4% 0.7%	0.7% 0.7% 1.7% 1.1% 3.3% 1.1% 6.6% 0.3% 2.8% 1.5% 7.0% 0.5% 0.25% 0.55% 1.1%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 590 1840 665	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 389 630 2373 741	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392 651 2030 766	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 726 2235 776	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -0.4% 0.7% -0.5% 10.2%	0.7% 0.7% 1.7% 3.3% 1.1% 6.6% 0.3% 2.8% 7.0% 0.5% 0.5% 0.5% 1.1%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566 446	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583 489	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620 556	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 590 1840 665 617	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713 717	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717 776	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 389 630 2373 741 785	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392 651 2030 766 736	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820 734	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816 725	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 347 726 2235 776 714	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -0.4% 0.7% -0.5% 10.2% -0.1% -5.2% -2.8%	0.7% 0.7% 1.7% 3.3% 1.1% 6.6% 0.3% 2.8% 7.0% 0.5% 0.5% 0.5% 1.1% 2.9% 1.1%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566 446 238 14379	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583 489 260 15350	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620 556 282 16038	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 590 1840 665 617 294	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713 717 310	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717 776 344	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 630 2373 741 785 368	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 766 736 736 738 383	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820 734 400	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816 725 432	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 726 2235 776 714 453	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% -0.4% -0.4% -0.5% 10.2% -0.1% -5.2% -2.8% -4.4% -0.5%	0.7% 0.7% 1.7% 3.3% 1.1% 6.6% 0.3% 2.8% 7.0% 0.5% 0.2% 0.5% 1.1% 2.9% 1.1% 1.0% 0.6% 27.7%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific Total Asia Pacific	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566 446 238 14379	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583 489 260 15350 <b>66972</b>	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620 556 282 16038 66671	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 659 617 294 17155 <b>68058</b>	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713 717 310 18094 69195	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717 776 344 18868 70692	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 630 2373 741 785 368 19680 <b>72496</b>	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392 651 2030 766 736 736 383 19250 72815	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820 734 400 20200 <b>74495</b>	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816 725 432 20941 <b>75295</b>	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 726 2235 776 714 453 20916 75291	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -0.5% -0.1% -5.2% -2.8% 4.4% -0.5% -0.2%	0.7% 0.7% 1.7% 3.3% 1.1% 0.1% 6.6% 0.3% 2.8% 1.5% 7.0% 0.5% 0.2% 0.5% 1.1% 2.9% 1.1% 1.0% 0.6% 27.7%
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific Total Asia Pacific TOTAL WORLD of which: European Union 15	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566 446 238 14379 66331 12533	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583 489 260 15350 <b>66972</b>	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620 556 282 16038 66671 12646	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 65 617 294 17155 <b>68058</b> 12654	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713 717 310 18094 69195 12816	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717 776 344 18868 <b>70692</b>	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 1311 339 389 630 2373 741 785 368 19680 19680 19680	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392 651 2030 766 736 338 19250 72815	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820 734 400 2020 2020 74495	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816 725 425 20941 <b>75295</b>	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 726 2235 776 714 493 20916 75291 13469	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -3.2% -8.8% -0.4% 0.7% -0.5% -0.1% -5.2% -2.8% 4.4% -0.5% -0.5% 0.7%	0.7% 0.7% 1.7% 3.3% 1.1% 6.6% 0.3% 2.8% 1.5% 0.2% 0.5% 0.2% 0.5% 1.1% 1.0% 2.9% 1.1% 1.0% 1.0
Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific Total Asia Pacific	470 359 956 1994 676 35 2411 131 1233 669 5410 292 105 230 227 457 1254 566 446 238 14379	457 369 1006 2043 679 38 2662 167 1296 729 5521 296 111 249 278 474 1518 583 489 260 15350 <b>66972</b>	438 383 1041 2073 720 43 2913 174 1313 782 5440 330 112 272 290 516 1675 620 556 282 16038 66671	437 401 1088 2130 753 45 3145 185 1413 774 5745 372 121 291 306 659 617 294 17155 <b>68058</b>	474 427 1099 2198 781 59 3390 198 1533 820 5784 381 125 315 344 617 2009 713 717 310 18094 69195	501 437 1115 2240 794 60 3672 194 1663 888 5812 405 127 329 360 586 2144 717 776 344 18868 70692	531 445 1144 2307 823 69 3935 192 1753 963 5761 431 131 339 630 2373 741 785 368 19680 <b>72496</b>	559 451 1180 2385 825 76 4047 184 1835 914 5525 407 131 350 392 651 2030 766 736 736 383 19250 72815	573 462 1216 2439 843 70 4416 193 2016 980 5618 439 134 363 375 619 2178 820 734 400 20200 <b>74495</b>	475 1224 2455 837 70 4985 201 2067 1053 5576 441 134 373 348 654 2229 816 725 432 20941 <b>75295</b>	551 488 1251 2490 845 71 5041 198 2072 1095 5427 407 134 377 726 2235 776 714 453 20916 75291	-3.5% 2.1% 1.9% 0.8% 1.0% 0.8% -2.1% -0.4% 3.7% -0.5% -0.1% -5.2% -2.8% 4.4% -0.5% -0.2%	0.3% 0.7% 0.7% 1.7% 3.3% 1.1% 6.6% 0.3% 7.0% 0.5% 0.5% 0.5% 1.1% 2.9% 1.11% 1.0% 27.7% 100.0% 4.8% 32.8%

<sup>\*</sup>Inland demand plus international aviation and marine bunkers and refinery fuel and loss.

<sup>\*</sup>Less than 0.05%.

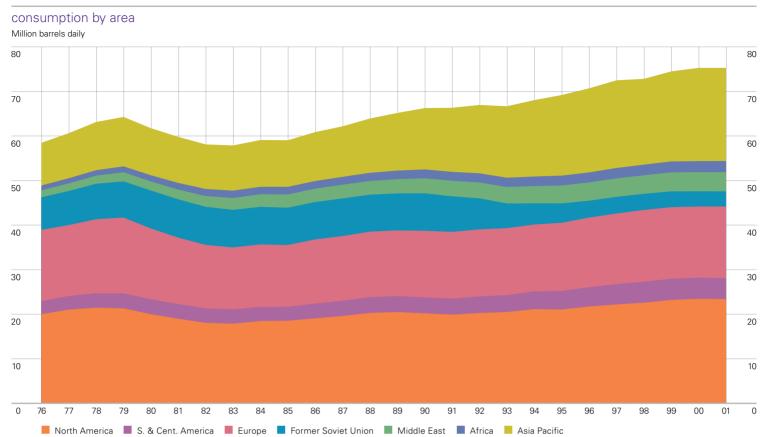
Note: Differences between these world consumption figures and world production statistics on page 6 are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels, and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data. Annual changes and shares of total are calculated using million tonnes per annum figures rather than thousand barrels daily. The US volumetric consumption levels include no adjustment for processing gain (see 'definitions' on the inside back cover).

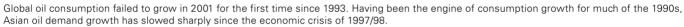


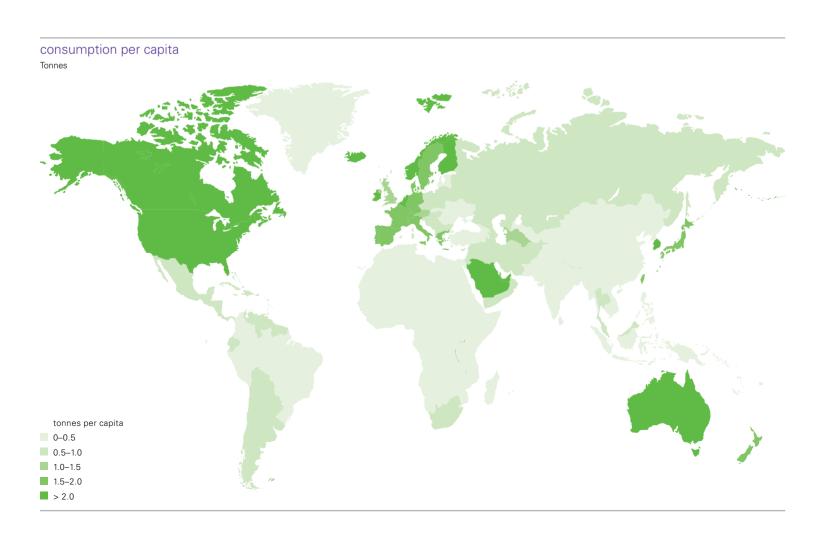
consumption*												Change	2001
Million tonnes	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2001 over 2000	share of total
USA	765.6	782.2	789.3	809.8	807.7	836.5	848.0	863.8	888.9	897.6	895.6	-0.2%	25.5%
Canada Mexico	75.3	76.8	77.1	78.4	79.8	82.1 73.8	85.2	86.7	87.2	88.1	88.0	-0.1% -1.7%	2.5%
Total North America	70.4 911.3	71.2 930.2	71.0 937.4	77.8 966.0	71.4 958.9	992.4	77.3 1010.5	81.2 1031.7	80.8 1056.9	84.1	82.7 1066.3	-0.3%	2.4%
Argentina	19.4	19.6	19.6	19.4	19.5	20.4	21.2	22.1	21.0	20.3	19.0	-6.2%	0.5%
Brazil Chile	59.0 6.8	62.1 7.4	62.9 8.0	65.7 8.8	69.2 9.7	74.1 10.6	79.9 11.4	83.2 11.4	85.7 11.7	85.4 11.8	85.1 12.0	-0.4% 2.0%	2.4% 0.3%
Colombia	9.6	10.6	10.8	11.1	11.8	12.2	12.3	12.0	10.6	10.5	9.9	-5.6%	0.3%
Ecuador	4.7	4.6	4.8	5.2	5.1	5.7	6.5	6.6	6.0	5.8	5.9	2.3%	0.2%
Peru Venezuela	5.3 18.6	5.5 19.7	5.7 19.4	6.2 19.6	7.1 20.0	7.3 19.0	7.2 20.4	7.3 21.6	7.4 21.3	7.3 22.5	6.8 22.2	-5.8% -1.3%	0.2% 0.6%
Other S. & Cent. America	44.9	46.1	47.3	50.2	52.7	53.9	55.3	56.7	57.3	57.4	57.5	0.2%	1.6%
Total S. & Cent. America Austria	168.3 11.6	175.6 11.3	178.5 11.4	186.2 11.3	195.1 11.3	203.2	214.2	220.9 12.3	221.0	221.0	218.4 12.4	-1.1% 5.3%	6.2% 0.4%
Belgium & Luxembourg	26.5	27.1	26.5	27.0	26.4	29.4	30.3	31.6	32.4	33.9	32.3	-4.6%	0.4%
Bulgaria	5.9	6.0	6.2	5.8	5.6	5.5	4.4	4.8	4.5	4.5	4.6	1.5%	0.1%
Czech Republic Denmark	7.1 9.1	6.8 9.0	6.9 9.5	7.1 10.1	8.0 10.5	8.4 11.4	8.0 11.1	8.3 10.7	8.2 10.6	7.9 10.4	8.3 10.1	5.1% -2.4%	0.2% 0.3%
Finland	10.6	10.3	9.9	10.4	9.9	10.3	10.2	10.5	10.7	10.7	10.5	-1.5%	0.3%
France Germany	94.6 133.1	94.4 134.3	91.1 136.3	88.2 135.1	89.0 135.1	91.0 137.4	91.7 136.5	95.0 136.6	96.4 132.4	94.9 129.8	95.8 131.6	0.9% 1.4%	2.7% 3.7%
Greece	15.8	16.1	16.7	16.9	17.6	18.2	18.4	18.2	18.7	19.9	19.4	-2.8%	0.6%
Hungary	8.0	8.1	7.7	8.1	7.7	7.1	7.1	7.4	7.1	6.8	6.8	-1.2%	0.2%
Iceland Republic of Ireland	0.6 4.9	0.7 5.1	0.7 5.1	0.7 5.6	0.8 5.7	0.8 6.0	0.9 6.6	0.9 7.4	0.9 8.3	0.9 8.2	0.9 8.7	2.4% 6.3%	0.2%
Italy	92.4	94.5	92.6	92.5	95.5	94.2	94.6	94.7	94.4	93.5	92.8	-0.8%	2.6%
Netherlands	35.8	36.5	36.4	36.4	38.0	37.4	39.5	39.4	40.6	41.7	43.9	5.3%	1.3%
Norway Poland	8.7 14.9	9.0 13.6	9.5 14.0	9.6 14.8	9.6 14.9	10.1 17.2	10.3 18.2	10.0 19.9	10.1 19.9	9.4 20.0	9.7 19.0	2.9% -4.8%	0.3% 0.5%
Portugal	11.5	12.8	12.0	12.0	12.9	12.1	13.7	15.1	15.4	14.9	15.2	1.7%	0.4%
Romania Slovakia	15.6 4.4	12.7 3.9	12.1 3.2	11.2 3.3	13.5 3.2	13.0 3.4	13.7 3.4	12.0 3.8	9.5 3.4	10.0 3.4	10.1 3.4	1.4% -0.9%	0.3% 0.1%
Spain	49.4	52.8	51.3	53.5	56.3	58.7	62.0	66.4	68.4	70.0	72.7	3.9%	2.1%
Sweden	15.5	16.4	16.1	17.0	16.1	17.4	16.1	16.2	16.1	15.2	15.6	2.5%	0.4%
Switzerland Turkey	13.0 22.1	13.1 23.5	12.3 27.0	12.7 25.8	11.8 28.4	12.2 29.8	12.8 30.0	13.0 29.6	12.6 29.5	12.2 31.6	13.1 30.4	6.9% -3.9%	0.4% 0.9%
United Kingdom	82.5	83.6	84.0	82.9	81.9	83.9	81.3	80.9	79.7	77.9	76.1	-2.3%	2.2%
Other Europe Total Europe	16.9 710.5	13.0 714.6	13.4 711.9	13.0 711.0	13.7 723.4	15.3 741.8	16.4 749.1	16.7 761.4	16.7 758.6	16.3 755.8	16.8 760.2	2.8%	0.5% 21.7%
Azerbaijan	8.2	8.1	8.2	8.1	8.5	7.0	6.0	7.5	7.3	6.2	4.6		0.1%
Belarus	24.0	21.2	14.0	12.8	12.3	9.3	9.6	8.3	6.9	6.1	5.9	-3.3%	0.2%
Kazakhstan Lithuania	21.7 8.2	20.3 4.5	15.7 3.9	12.3 3.6	12.0 3.2	10.2 3.3	10.3 3.3	8.2 3.8	6.6 3.1	7.0 2.4	7.7 2.8	10.0% 15.9%	0.2% 0.1%
Russian Federation	243.4	224.4	188.6	162.7	146.1	130.1	129.1	123.7	126.2	123.5	122.3	-1.0%	3.5%
Turkmenistan Ukraine	5.0 57.5	4.9 42.6	3.2 24.8	3.7 19.8	3.9 18.9	3.0 14.2	3.0 13.8	2.8 14.3	2.5 12.7	2.3 12.0	2.4 12.7	4.3% 5.8%	0.1% 0.4%
Uzbekistan	11.0	9.1	8.1	7.2	6.7	7.4	6.7	7.0	7.1	6.4	6.5	1.6%	0.4%
Other Former Soviet Union	18.4	12.9	9.2	6.1	5.4	4.2	5.0	5.0	4.5	4.4	4.7	7.2%	0.1%
Total Former Soviet Union Iran	397.4 49.0	348.0 50.0	275.7 50.9	236.3	217.0 58.4	188.7 60.6	186.8 59.0	180.6 55.9	177.0 57.3	170.3 56.1	169.6 54.2	-0.4% -3.4%	4.8% 1.5%
Kuwait	3.7	5.6	5.0	6.2	6.5	6.3	6.9	9.1	10.3	10.4	10.5	1.6%	0.3%
Qatar Saudi Arabia	0.8 55.4	0.8 51.4	0.8 52.1	0.9 53.5	1.0 51.4	1.1 53.7	1.1 55.3	1.2 58.8	1.1 60.9	1.2 62.4	1.4 62.7	19.7% 0.5%	1.8%
United Arab Emirates	16.5	16.9	17.2	18.2	18.0	17.8	16.3	11.9	13.0	14.2	14.3	0.6%	0.4%
Other Middle East	44.9	49.0	52.6	54.9	58.1	58.6	61.0	62.6	63.0	63.5	63.3	-0.3%	1.8%
Total Middle East Algeria	170.3 9.1	173.7 9.1	178.6 9.1	187.1 8.7	193.4	198.1	199.6	199.5	205.6	207.8	206.4 8.8	-0.6% 3.5%	5.9% 0.3%
Egypt	23.4	22.7	21.6	21.5	23.3	24.6	26.0	27.3	27.8	27.2	26.2	-3.5%	0.7%
South Africa Other Africa	16.7 45.4	17.3 47.8	18.0 49.3	18.8 51.5	20.1 51.9	20.7 52.7	21.0 53.9	21.3 55.7	21.8 57.4	22.5 57.9	23.0 59.0	2.1% 1.9%	0.7% 1.7%
Total Africa	94.6	96.9	98.0	100.5	103.7	106.1	108.9	112.5	115.1	116.1	117.0	0.8%	3.3%
Australia	30.8	30.9	32.7	34.0	35.3	35.9	37.0	37.0	38.0	37.7	38.1	1.0%	1.1%
Bangladesh China	1.7 117.9	1.8 129.0	2.1 140.5	2.2 149.5	2.9 160.7	2.9 174.4	3.3 185.6	3.7 190.3	3.4 207.2	3.4 230.1	3.4 231.9	1.0% 0.8%	0.1% 6.6%
China Hong Kong SAR	6.3	8.1	8.3	8.9	9.5	9.3	9.2	8.8	9.3	9.7	9.5	-2.1%	0.3%
India Indonesia	58.9 32.2	62.1 35.1	62.7 37.6	67.4 37.0	73.0 39.1	79.4 42.4	83.3 45.9	86.8 43.5	95.2 46.8	97.5 50.4	97.1 52.3	-0.4% 3.7%	2.8% 1.5%
Indonesia Japan	32.2 252.1	257.5	251.9	37.0 267.4	267.6	42.4 268.8	45.9 265.0	253.6	46.8 257.3	255.4	52.3 247.2	3.7% -3.2%	7.0%
Malaysia	13.9	14.0	15.6	17.4	17.9	19.0	20.2	19.0	20.3	20.4	18.6	-8.8%	0.5%
New Zealand Pakistan	4.9 11.4	5.2 12.4	5.2 13.5	5.6 14.5	5.8 15.8	5.9 16.6	6.1 17.0	6.1 17.6	6.3 18.2	6.3 18.8	6.2 18.9	-0.4% 0.7%	0.2% 0.5%
Philippines	11.1	13.7	14.1	14.9	16.8	17.5	18.8	19.1	18.0	16.6	16.5	-0.5%	0.5%
Singapore	23.7	24.7	26.7	30.6	32.0	30.3	32.4	33.3	31.6	33.5	36.9	10.2%	1.1%
South Korea Taiwan	59.9 27.6	72.3 28.4	79.3 30.2	87.0 32.3	94.8 34.7	101.4 34.8	111.4 36.0	93.9 37.2	100.7 39.9	103.2 39.8	103.1 37.7	-0.1% -5.2%	2.9% 1.1%
Thailand	21.4	23.6	26.8	29.8	34.7	37.5	37.8	35.4	35.4	34.8	33.8	-2.8%	1.0%
Other Asia Pacific Total Asia Pacific	11.4 685.2	12.5 731.3	13.5 760.7	14.0 812.5	14.7 855.3	16.4 892.5	17.5 926.5	18.2 903.5	19.0 946.6	20.6 978.2	21.5 972.7	4.4% -0.5%	0.6% 27.7%
TOTAL WORLD	3137.6	3170.3	3140.8	3199.6	3246.8	3322.8	<b>3395.6</b>	3410.1	3480.8	<b>3519.0</b>	3510.6	-0.5% - <b>0.2%</b>	100.0%
of which: European Union 15	593.3	604.2	598.9	598.9	606.2	619.0	623.9	635.0	636.2	632.8	637.1	0.7%	18.2%
OECD Former Soviet Union	1931.1 397.4	1979.0 348.0	1986.7 275.7	2041.0 236.3	2053.0 217.0	2112.4 188.7	2144.6 186.8	2150.2 180.6	2187.1 177.0	2197.4 170.3	2189.6 169.6	-0.4% -0.4%	62.4% 4.8%
Other EMEs	809.1	843.3	878.4	922.3	976.8	1021.7	1064.2	1079.3	1116.7	1151.3	1151.4	-0.470	32.8%
<del> </del>													

<sup>\*</sup>Inland demand plus international aviation and marine bunkers and refinery fuel and loss.

Note: Differences between these world consumption figures and world production statistics on page 7 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. The US volumetric consumption levels include no adjustment for processing gain (see 'definitions' on the inside back cover).









regional consumption - by product	group										2	Change 2001 over	2001 share
Thousand barrels daily	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
North America Gasolines	8680	8833	8975	9100	9235	9389	9560	9849	9998	10106	10200	0.9%	43.6%
Middle distillates	5369	5449	5600	5895	5935	6194	6398	6450	6628	6811	6767	-0.6%	28.9%
Fuel oil	1701	1619	1571	1571	1336	1348	1351	1506	1415	1518	1451	-4.4%	6.2%
Others	4158	4378	4352	4579	4555	4805	4882	4788	5169	5037	4969	-1.4%	21.3%
Total North America of which: USA	19908	20279	20498	21145	21061	21736	22191	22593	23210	23473	23386	-0.4%	100.0%
Gasolines	7529	7670	7792	7880	8025	8167	8324	8579	8716	8813	8883	0.8%	45.2%
Middle distillates	4648	4711	4844	5084	5132	5342	5502	5545	5700	5852	5843	-0.2%	29.8%
Fuel oil Others	1147 3389	1079 3573	1062 3539	1003 3751	835 3733	831 3969	777 4017	869 3924	814 4290	893 4143	829 4078	-7.2% -1.6%	4.2% 20.8%
Total USA	16713	17033	17236	17719	17725	18309	18621	18917	19519	19701	19633	-0.3%	100.0%
S. & Cent. America													
Gasolines Middle distillates	981 1223	983 1276	1025 1312	1105 1398	1160 1476	1197 1538	1266 1625	1283 1700	1396 1680	1374 1690	1346 1705	-2.0% 0.9%	28.7% 36.3%
Fuel oil	704	682	697	721	753	788	845	868	776	749	725	-3.2%	15.4%
Others	688	781	767	749	773	804	831	857	893	919	917	-0.3%	19.6%
Total S. & Cent. America	3596	3722	3801	3973	4162	4327	4568	4709	4745	4732	4693	-0.8%	100.0%
<b>Europe</b> Gasolines	4177	4213	4158	4129	4201	4227	4279	4318	4334	4217	4121	-2.3%	25.6%
Middle distillates	5774	5809	5871	5883	6045	6356	6421	6631	6694	6722	6939	3.2%	43.1%
Fuel oil	2447	2385	2353	2280	2283	2260	2206	2191	2088	1982	1981	-0.1%	12.3%
Others Total Europe	2579 14976	2631 15038	2639 15022	2727 15019	2766 15295	2790 15633	2933 15839	2952 16092	2946 16063	3053 15975	3052 16093	0.7%	19.0% 100.0%
Middle East	143/0	13036	13022	13019	13295	13033	13039	10092	10003	138/5	10033	0.7%	100.0%
Gasolines	560	616	635	708	763	774	814	830	841	840	843	0.4%	19.6%
Middle distillates	1180	1169	1235	1336	1435	1468	1465	1459	1482	1483	1517	2.2%	35.2%
Fuel oil Others	1210 547	1167 620	1142 691	1170 678	1187 644	1206 662	1205 678	1173 699	1251 709	1281 703	1241 704	-3.1% 0.2%	28.8% 16.4%
Total Middle East	3497	3571	3704	3891	4028	4110	4161	4161	4283	4307	4306	◆ O.2 /0	100.0%
Africa	504	F40	F07	F00	554	550	550	F00	F7.4	F00	504	0.40/	00.00/
Gasolines Middle distillates	504 780	516 795	527 818	539 840	554 866	552 893	559 919	568 949	574 985	580 1007	591 1032	2.1% 2.4%	23.8% 41.5%
Fuel oil	413	424	412	416	435	445	466	491	494	474	456	-3.6%	18.3%
Others	297	308	316	335	343	349	363	376	386	395	410	3.8%	16.4%
Total Africa	1994	2043	2073	2130	2198	2240	2307	2385	2439	2455	2490	1.4%	100.0%
Asia Pacific incl. China and Japan Gasolines	3266	3540	3731	4013	4317	4549	4973	5018	5311	5549	5525	-0.4%	26.4%
Middle distillates	5225	5619	6014	6262	6724	7160	7430	7186	7596	7798	7878	1.0%	37.7%
Fuel oil	3509	3637	3622	3892	3857	3795	3829	3563	3548	3505	3366	-4.0%	16.1%
Others Total Asia Pacific	2379 14379	2553 15350	2671 16038	2988 17155	3196 18094	3364 18868	3447 19680	3483 19250	3745 20200	4089 20941	4147 20916	1.4%	19.8% 100.0%
China	1 1070	10000	10000	17100	10001	10000	10000	10200	20200	20011	200.0	0.170	100.070
Gasolines	642	711	804	848	904	986	1111	1098	1164	1313	1245	-5.2%	24.7%
Middle distillates Fuel oil	683 661	790 674	898 725	878 665	997 669	1080 719	1202 750	1277 725	1455 694	1633 725	1698 728	4.0% 0.4%	33.7% 14.4%
Others	425	488	486	755	819	888	871	946	1103	1314	1371	4.3%	27.2%
Total China	2411	2662	2913	3145	3390	3672	3935	4047	4416	4985	5041	1.1%	100.0%
Japan Gasalinas	1269	1338	1355	1442	1548	1576	1646	1611	1702	1735	1711	-1.4%	31.5%
Gasolines Middle distillates	1788	1824	1853	1905	1971	2027	1991	1949	1978	1958	1711 1958	-1.470	36.1%
Fuel oil	1277	1264	1112	1292	1135	1067	977	879	861	804		-14.2%	12.7%
Others	1076	1095	1120	1105	1129	1142	1147	1085	1077	1079	1067	-1.1%	19.7%
Total Japan World excl. Former Soviet Union	5410	5521	5440	5745	5784	5812	5761	5525	5618	5576	5427	-2.7%	100.0%
Gasolines	18169	18700	19051	19594	20230	20688	21451	21866	22454	22665	22626	-0.2%	31.5%
Middle distillates	19550	20117	20850	21614	22480	23609	24258	24375	25064	25512	25839	1.3%	35.9%
Fuel oil Others	9984 10648	9915 11272	9797 11436	10051 12055	9851 12277	9842 12775	9902 13133	9794 13155	9572 13848	9510 14196	9221 14199	−3.0% ◆	12.8% 19.8%
Total World excl. Former Soviet Union	58351	60004	61135	63314	64838	66913	68745	69190	70939	71883	71884	•	100.0%
European Union 15	057:	0000	0500	0546	0550	0550	0500	0007	0000	0545	0.450	0.50	05.70
Gasolines Middle distillates	3574 4953	3620 4978	3562 5033	3512 5051	3550 5179	3559 5440	3590 5514	3607 5679	3622 5762	3545 5813	3458 6000	-2.5% 3.2%	25.7% 44.5%
Fuel oil	1857	1887	1841	1797	1791	1755	1703	1733	1658	1552	1533	-1.2%	11.4%
Others	2150	2241	2211	2294	2296	2295	2379	2398	2415	2440	2477	1.5%	18.4%
Total European Union 15 OECD	12533	12726	12646	12654	12816	13049	13186	13417	13457	13350	13469	0.9%	100.0%
Gasolines	14585	14961	15124	15378	15721	15968	16415	16728	17028	17070	17056	-0.1%	35.9%
Middle distillates	13420	13647	13973	14414	14777	15468	15738	15753	16111	16265	16437	1.1%	34.6%
Fuel oil	5578	5539	5324	5505	5115	5036	4904	4827	4666	4637	4441	-4.2%	9.4%
Others Total OECD	7972 41555	8357 42503	8401 42822	8714 44012	8769 44383	9084 45556	9353 46409	9199 46508	9607 47412	9617 47589	9537 47471	-0.8% -0.2%	20.1%
Other EMEs		.2000				. 3000	.5.00	. 3000		., 555	., ., .	3.2 /0	
Gasolines	3584	3739	3927	4215	4509	4719	5037	5138	5426	5595	5570	-0.4%	22.8%
Middle distillates Fuel oil	6130 4406	6470 4376	6877 4472	7200 4546	7703 4735	8141 4806	8520 4999	8622 4966	8953 4906	9247 4873	9402 4779	1.7% -1.9%	38.5% 19.6%
Others	2676	2915	3036	3341	3507	3691	3780	3956	4242	4673 4579	4662	1.8%	19.0%
Total Other EMEs‡	16796	17501	18313	19302	20455	21357	22336	22682	23527	24294	24413		100.0%
*I ass than 0.05%													

Less than 0.05%.

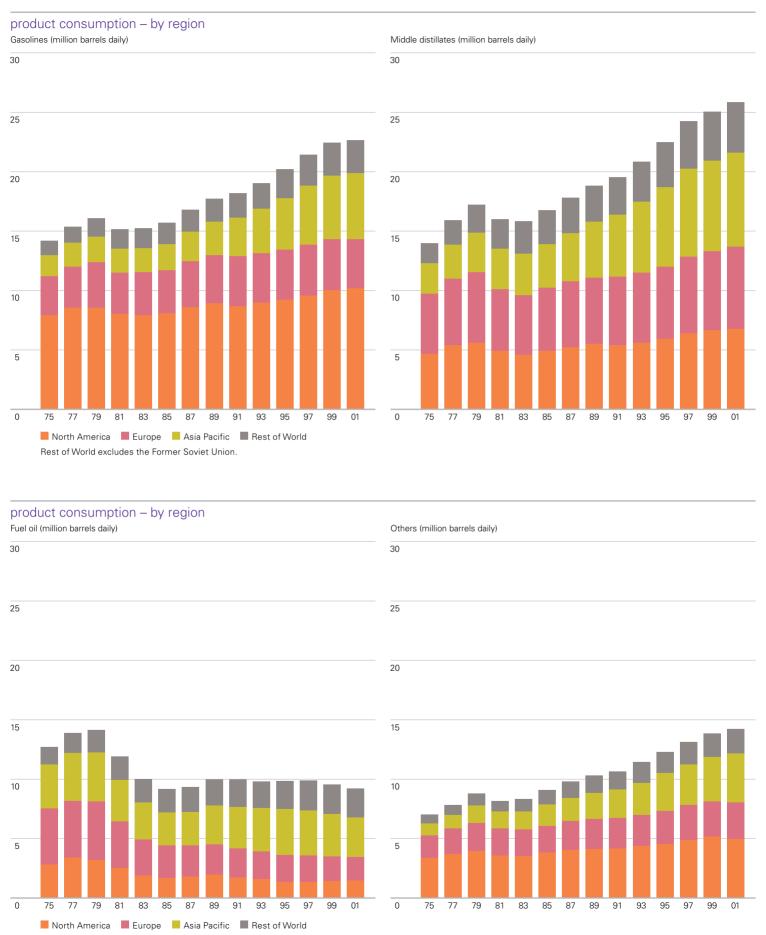
<sup>‡</sup>Excludes Former Soviet Union.

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.

'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.



Rest of World excludes the Former Soviet Union

Middle distillates have registered the largest increment in consumption over the last 20 years, followed by gasolines and other oil. Fuel oil use has been flat since 1985, following sharp falls in the early 1980s. The fastest growth in product demand has been in Asia Pacific.

#### 14 BP 2002



spot crude prices	Dubai	Brent	Nigerian Forcados \$/bbl	West Texas Intermediate
US dollars per barrel	\$/bbl*	\$/bbl†	\$/001	\$/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	28.66	28.14	29.39
1985	27.53	27.51	27.75	27.99
1986	13.01	14.38	14.45	15.04
1987	16.91	18.42	18.40	19.19
1988	13.20	14.96	14.99	15.97
1989	15.68	18.20	18.30	19.68
1990	20.50	23.81	23.85	24.50
1991	16.56	20.05	20.11	21.54
1992	17.21	19.37	19.61	20.57
1993	14.90	17.07	17.41	18.45
1994	14.76	15.98	16.25	17.21
1995	16.09	17.18	17.26	18.42
1996	18.56	20.80	21.16	22.16
1997	18.13	19.30	19.33	20.61
1998	12.16	13.11	12.62	14.39
1999	17.30	18.25	18.00	19.31
2000	26.24	28.98	28.42	30.37
2001	22.80	24.77	24.23	25.93

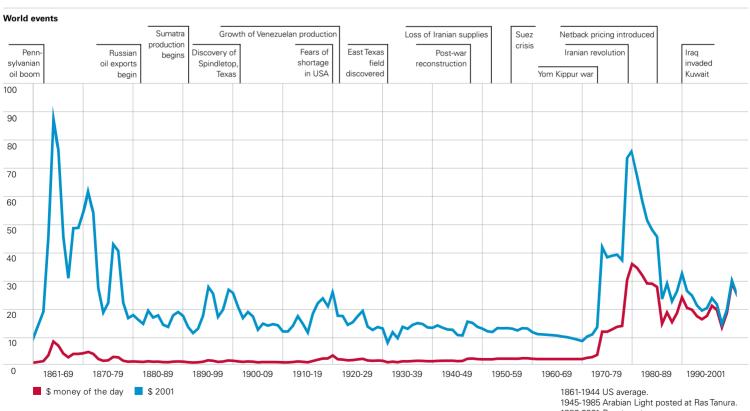
<sup>\*1972-1985</sup> Arabian Light, 1986-2001 Dubai.

Source: Platts.

1986-2001 Brent spot.

#### crude oil prices since 1861

US dollars per barrel

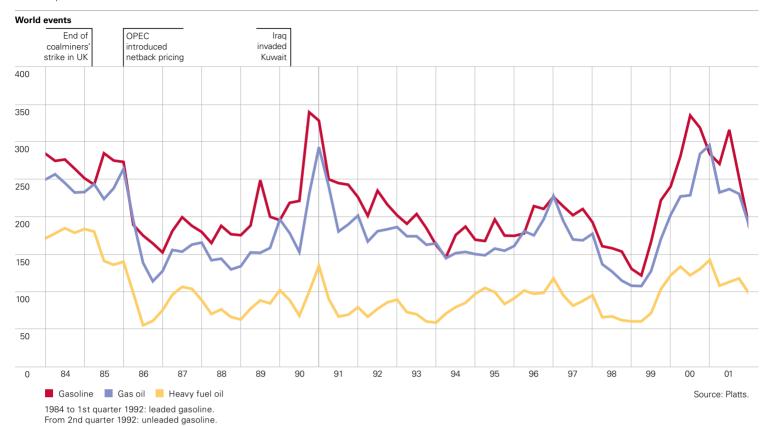


<sup>†1976-1984</sup> Forties, 1985-2001 Brent.

<sup>‡1976-1983</sup> Posted WTI prices, 1984-2001 Spot WTI prices.

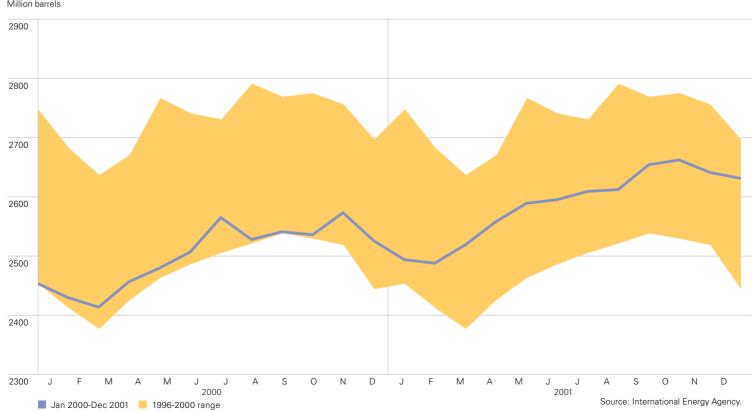
#### Rotterdam product prices

US dollars per tonne



### OECD total commercial oil stocks

Million barrels





refinery capacities												Change 2001 over	2001 share
Thousand barrels daily*	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	15700	15120	15030	15434	15333	15452	15711	16261	16512	16595	16814	1.3%	20.5%
Canada	1903	1911	1824	1832	1792	1807	1811	1844	1861	1861	1862	0.1%	2.3%
Mexico	1448	1448	1444	1444	1444	1444	1449	1449	1449	1481	1458	-1.6%	1.8%
Total North America	19051	18479	18298	18710	18569	18703	18971	19554	19822	19937	20134	1.0%	24.5%
Argentina	694	694	688	663	648	651	653	650	650	657	657	_	0.8%
Brazil	1445	1444	1429	1473	1481	1481	1739	1742	1773	1773	1773	_	2.2%
Netherlands Antilles & Aruba	460	460	467	485	505	520	520	520	535	535	590	10.3%	0.7%
Trinidad & Tobago	240	240	240	240	240	160	160	160	160	160	160	_	0.2%
Venezuela	1224	1224	1181	1181	1181	1183	1183	1183	1183	1183	1183	_	1.4%
Other S. & Cent. America	2049	2010	2009	1984	2042	2104	2127	2031	2071	2076	2066	-0.5%	2.5%
Total S. &. Cent. America	6112	6072	6014	6026	6097	6099	6382	6286	6372	6384	6429	0.7%	7.8%
Belgium	706	690	692	692	692	690	698	732	736	770	778	1.0%	0.9%
France	1699	1711	1687	1697	1728	1749	1872	1918	1933	1984	1961	-1.2%	2.4%
Germany	2209	2219	2248	2272	2104	2098	2170	2206	2240	2262	2274	0.5%	2.8%
Greece	403	367	295	385	403	403	403	403	403	413	418	1.2%	0.5%
Italy	2422	2433	2360	2272	2272	2256	2241	2269	2292	2292	2292	_	2.8%
Netherlands	1225	1254	1197	1197	1197	1169	1196	1196	1212	1212	1233	1.7%	1.5%
Norway	288	288	288	288	298	308	308	310	323	318	305	-4.1%	0.4%
Portugal	291	290	291	291	291	290	291	291	291	291	291	_	0.4%
Spain	1255	1232	1245	1205	1215	1232	1265	1247	1247	1247	1247	_	1.5%
Sweden	422	421	422	422	422	421	422	422	422	422	422	_	0.5%
Turkey	673	671	673	673	673	671	673	643	643	643	643	_	0.8%
United Kingdom	1827	1837	1844	1866	1844	1873	1823	1848	1777	1778	1769	-0.5%	2.2%
Other Europe	3366	3241	3218	3104	3098	3054	3024	3022	2759	2704	2741	1.4%	3.3%
Total Europe	16786	16654	16460	16364	16237	16214	16386	16507	16278	16336	16374	0.2%	19.9%
Total Former Soviet Union	12310	10090	10085	10215	10302	10341	10410	9988	8730	8712	8695	-0.2%	10.6%
Bahrain	250	250	250	250	250	250	250	250	250	250	250	-	0.3%
Iran	957	957	1092	1092	1235	1330	1378	1448	1450	1450	1474	1.7%	1.8%
Iraq	350	584	634	634	634	634	634	634	634	639	644	0.8%	0.8%
Kuwait	140	380	455	720	795	825	880	895	895	690	720	4.3%	0.9%
Saudi Arabia	1750	1550	1550	1670	1670	1670	1693	1780	1811	1811	1816	0.3%	2.2%
Other Middle East	1065	1088	1102	1121	1123	1172	1317	1259	1320	1469	1730	17.8%	2.1%
Total Middle East	4512	4809	5083	5487	5707	5881	6152	6266	6360	6309	6634	5.2%	8.1%
Total Africa	2715	2749	2871	2723	2785	2870	2807	2780	2842	2957	3080	4.2%	3.7%
Australasia	765	782	791	796	818	848	890	916	919	919	926	0.8%	1.1%
China	2892	3044	3334	3567	4014	4226	4559	4592	5401	5407	5402	-0.1%	6.6%
India	1122	1041	1069	1072	1133	1210	1236	1356	2190	2219	2261	1.9%	2.8%
Indonesia	867	867	867	932	992	992	992	1028	1060	1065	1065	1.570	1.3%
	4505	4636	4802	4862	5006	5006	5056	5088	5109	5029	4811	-4.3%	5.9%
Japan	1085	1115	1160	1158	1273	1245	1246	1246	1246	1255	1255	-4.3 %	1.5%
Singapore South Korea	984	1370		1615				2316	2316	2316	2316	_	2.8%
Other Asia Pacific	984 1597	1370	1591 1835	1964	1727 2285	1917 2546	2316 2550	2704	2316	2763	2823	2.2%	3.4%
		14642		15966							20859		
Total Asia Pacific	13817		15449		17248	17990	18845	19246	20986	20973		-0.5%	25.4%
TOTAL WORLD	<b>75303</b>	73495	<b>74260</b>	75491	<b>76945</b>	78098	79953	<b>80627</b>	<b>81390</b>	81608	82205	0.7%	16.2%
of which: European Union 15	13110	13090	12924	12982	12887	12921	13069	13237	13265	13392	13406	0.1%	16.3%
OECD	40421	40360	40412	40977	40999	41359	42289	43104	43443	43606	43595		53.0%
Former Soviet Union	12310	10090	10085	10215	10302	10341	10410	9988	8730	8712	8695	-0.2%	10.6%
Other EMEs	22572	23045	23763	24299	25644	26398	27254	27535	29217	29290	29915	2.1%	36.4%

\*Atmospheric distillation capacity on a calendar-day basis.

\*Less than 0.05%.

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

refinery throughputs												Change 2001 over	2001 share
Thousand barrels daily*	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	13301	13411	13613	13866	13973	14195	14662	14889	14804	15067	15130	0.4%	21.6%
Canada	1491	1458	1539	1580	1569	1644	1694	1709	1714	1765	1823	3.3%	2.6%
Mexico	1511	1497	1540	1459	1488	1491	1438	1451	1389	1364	1400	2.6%	2.0%
S. & Cent. America	4648	4625	4697	4849	4849	4994	5238	5443	5405	5401	5535	2.5%	7.9%
Europe	13810	14003	14272	14397	14448	14697	14859	15336	14838	14989	14849	-0.9%	21.2%
Former Soviet Union	8818	7156	5926	5075	4888	4624	4735	4482	4468	4558	4900	7.5%	7.0%
Middle East	3828	4277	4666	5244	5160	5408	5448	5595	5672	5635	5616	-0.3%	8.0%
Africa	2255	2255	2279	2244	2358	2381	2539	2408	2448	2393	2442	2.0%	3.5%
Australasia	745	747	756	787	788	844	872	865	881	881	885	0.5%	1.3%
China	2282	2426	2570	2548	2711	2850	3084	3060	3686	4218	4210	-0.2%	6.0%
Japan	3653	3882	3982	4167	4169	4168	4319	4212	4149	4145	4107	-0.9%	5.9%
Other Asia Pacific	5270	5717	6051	6314	6822	7544	8183	8010	8309	8914	9061	1.6%	13.0%
TOTAL WORLD	61612	61453	61892	62529	63223	64840	67072	67460	67763	69330	69958	0.9%	100.0%
of which: European Union 15	11739	12038	12169	12214	12158	12430	12569	13038	12631	12737	12646	-0.7%	18.1%
OECD	34985	35911	36638	37191	37521	38431	39673	40146	39677	40064	39996	-0.2%	57.2%
Former Soviet Union	8818	7156	5926	5075	4888	4624	4735	4482	4468	4558	4900	7.5%	7.0%
Other EMEs	17809	18386	19328	20263	20815	21785	22663	22831	23618	24707	25062	1.4%	35.8%

Source: Includes data from Parpinelli Tecnon.

\*Calendar day.

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

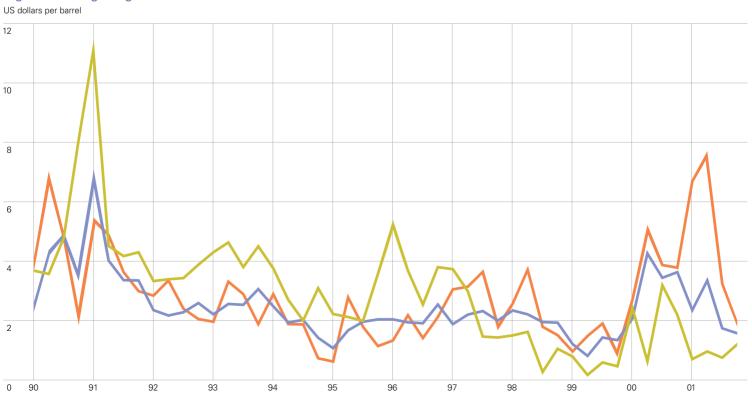
#### refinery utilization





Refinery capacity utilization for most regions peaked in the second half of the 1990s. Slower oil demand growth has meant falling utilization for most regions since then.

#### regional refining margins



**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 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.

■ USGC West Texas Sour Coking ■ NWE Brent Cracking ■ Singapore Dubai Hydrocracking



trade movements												Change 2001 over	2001 share
Thousand barrels daily	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		of total
Imports													
USA	7791	7888	8620	8929	8831	9400	9907	10382	10550	11092	11618	4.7%	26.5%
Europe‡	10171	10319	11083	10740	10436	10472	10421	11017	10670	11070	11531	4.2%	26.4%
Japan	4925	5306	5307	5612	5581	5685	5735	5259	5346	5329	5202	-2.4%	11.9%
Rest of World*	9451	9884	9753	10464	11562	12764	13721	13432	14157	14911	15403	3.3%	35.2%
TOTAL WORLD	32338	33397	34763	35745	36410	38321	39784	40090	40723	42402	43754	3.2%	100.0%
Exports													
USA	1000	918	959	943	949	978	976	1011	956	890	910	2.2%	2.1%
Canada	1111	1101	1215	1323	1402	1484	1492	1603	1520	1703	1804	5.9%	4.1%
Mexico	1468	1469	1434	1421	1422	1656	1767	1770	1739	1814	1882	3.7%	4.3%
S. & Cent. America	1953	2374	2391	2695	2797	3011	3219	3240	3145	3079	3143	2.1%	7.2%
Europe	n/a	n/a	1358	1634	1472	1540	1463	1344	1851	1967	1947	-1.0%	4.5%
Former Soviet Union#	1860	2298	2436	2531	2731	3239	3413	3569	4019	4273	4679	9.5%	10.7%
Middle East	13829	15453	16456	16513	16651	17170	18184	18702	18341	18944	19098	0.8%	43.6%
North Africa	2781	2849	2685	2652	2696	2756	2743	2712	2726	2732	2724	-0.3%	6.2%
West Africa	2500	2679	2676	2675	2723	2916	3102	3094	2985	3293	3182	-3.4%	7.3%
Asia Pacific†	2257	2414	2420	2517	2576	2790	2735	2490	2650	2767	2879	4.0%	6.6%
Rest of World*	3579	1842	733	841	991	781	690	555	791	940	1506	60.2%	3.4%
TOTAL WORLD	32338	33397	34763	35745	36410	38321	39784	40090	40723	42402	43754	3.2%	100.0%

<sup>\*</sup>Includes unidentified trade.

#Prior to 1993, includes Central Europe and excludes movements between Former Soviet Union and Central Europe.

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

inter-area movements 2001							То						
Million tonnes From	USA	Canada	Mexico	S. & C. America	Europe	Africa	Austral- asia	China	Japan	Other Asia Pacific	Rest of World	Uniden- tified	Total
USA	_	6.3	12.1	7.9	11.1	0.2	0.3	0.3	0.6	3.9	0.9	_	43.6
Canada	88.0	_	_	0.2	0.5	_	_	_	_	0.2	_	_	88.9
Mexico	70.8	1.3	_	9.2	9.8	0.2	_	_	1.1	1.0	0.2	_	93.6
S. & Cent. America	126.3	6.0	1.5	_	13.8	0.6	_	0.3	0.4	5.6	_	_	154.5
Europe	46.2	28.9	0.3	2.2	_	7.1	_	1.1	0.1	5.2	4.2	_	95.3
Former Soviet Union	4.3	_	-	7.1	181.2	0.5	_	5.3	0.7	8.7	2.3	20.0	230.1
Middle East	138.0	7.2	1.1	11.8	176.2	41.0	9.1	34.2	208.8	316.7	2.5		946.6
North Africa	13.7	3.6	0.8	4.3	96.9	3.9	_	0.3	0.5	7.0	3.2	_	134.2
West Africa	68.1	1.0	-	11.3	34.9	1.5	_	3.8	0.8	36.9	- 0.2	_	158.3
East & Southern Africa	-	-	_			-	_	5.0	1.4	0.9	_	_	7.3
Australasia	2.2	_	_	_	_	_	_	1.0	3.9	14.1	_	_	21.2
China	1.1	_	_	0.3	0.2	_	0.3	1.0	4.2	8.4	_	_	14.5
Japan	0.4	_	_	0.5	0.2	0.2	0.3	1.1	4.2	2.5		_	4.5
Other Asia Pacific	9.4	0.2	0.2	_	2.3	0.2	19.4	27.2	34.2	10.8	0.8	_	104.8
Unidentified*	5.2	2.3	0.2		42.9	0.5	1.2	8.7	0.5	1.1	0.0	_	61.9
TOTAL IMPORTS	573.7	56.8	16.0	54.3	569.9	55.5	30.5	88.3	<b>257.2</b>	423.0	14.1	20.0	2159.3
101/12 11/11 01/110	070.7	00.0	10.0	01.0	000.0	00.0	00.0	00.0	207.2	120.0		20.0	2100.0
Thousand barrels daily													
From													
USA	_	130	253	165	232	4	6	6	13	82	19	_	910
Canada	1786	_	_	4	10	_	_	_	_	4	_	_	1804
Mexico	1424	26	_	185	197	4	_	_	22	20	4	_	1882
S. & Cent. America	2567	122	31	_	281	12	_	6	8	114	_	_	3143
Europe	945	582	6	45		148	_	22	2	108	88	_	1947
Former Soviet Union	90	_	_	143	3668	10	_	109	14	179	47	418	4679
Middle East	2775	145	23	237	3548	831	183	689	4211	6405	52	-	19098
North Africa	286	72	17	86	1961	79	_	6	10	142	64	_	2724
West Africa	1370	20	_	227	701	30	_	76	16	741	_	_	3182
East & Southern Africa	.570	_	_		, 01	_	_	100	28	18	_	_	147
Australasia	45	_	_	_	_	_	_	20	80	285	_	_	430
China	23	_	_	6	4	_	6	_	85	174	_	_	298
Japan	8	_	_	_	2	4	4	23	-	52	_	_	94
Other Asia Pacific	193	4	4		48	6	391	562	703	222	17	_	2151
		47	4	_	-	U		175	10	22	17	_	1265
Unidentified* TOTAL IMPORTS	107 <b>11618</b>	1149	334	1098	878 <b>11531</b>	1130	25 <b>616</b>	1796	<b>5202</b>	8569	291	418	43754

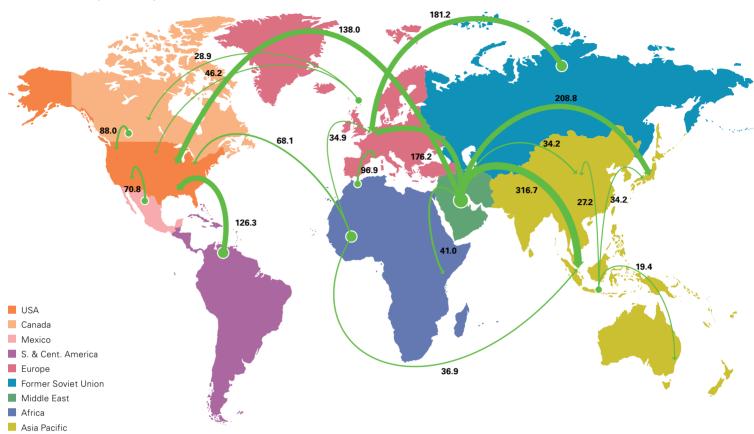
<sup>\*</sup>Includes changes in the quantity of oil in transit, movements not otherwise shown, unidentified military use etc.

<sup>†</sup>Excludes Japan.

<sup>‡</sup>Prior to 1993, excludes Central Europe (Albania, Bulgaria, Czech Republic, Former Republic of Yugoslavia, Hungary, Poland, Romania, Slovakia). n/a not available.







imports and exports 2001								
		Millior	tonnes			Thousand I	parrels daily —	
	Crude	Product	Crude	Product	Crude	Product	Crude	Product
	imports	imports	exports	exports	imports	imports	exports	exports
USA	455.4	118.3	1.9	41.7	9145	2473	38	872
Canada	47.0	9.8	65.9	23.0	944	205	1323	481
Mexico	_	16.0	90.8	2.8	_	334	1823	59
S. & Cent. America	44.6	9.7	105.2	49.3	896	203	2113	1031
Europe	464.6	105.3	54.8	40.5	9330	2201	1101	847
Former Soviet Union	_	5.5	159.5	70.6	_	115	3203	1476
Middle East	4.2	4.4	838.7	107.9	84	92	16843	2256
North Africa	8.1	5.1	98.7	35.5	163	107	1982	742
West Africa	2.6	8.1	154.7	3.6	52	169	3107	75
East & Southern Africa	26.5	5.1	7.1	0.2	532	107	143	4
Australasia	26.1	4.4	16.2	5.0	524	92	325	105
China	60.3	28.0	6.6	7.9	1211	585	133	165
Japan	212.0	45.2	_	4.5	4257	945	_	94
Other Asia Pacific	332.6	90.4	48.4	56.4	6679	1890	972	1179
Unidentified*	_	20.0	35.5	26.4	_	418	713	552
TOTAL WORLD	1684.0	475.3	1684.0	475.3	33818	9936	33818	9936

<sup>\*</sup>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 1981 Trillion cubic	At end 1991 Trillion cubic	At end 2000 Trillion cubic	Trillion cubic	At end 2001 Trillion cubic	Share	R/P
	metres	metres	metres	metres	feet	of total	ratio
USA	5.61	4.79	4.74	5.02	177.4	3.2%	9.2
Canada	2.55	2.74	1.73	1.69	59.7	1.1%	9.8
Mexico	2.13	2.02	0.86	0.84	29.5	0.5%	24.0
Total North America	10.29	9.56	7.33	7.55	266.7	4.9%	10.0
Argentina	0.66	0.58	0.75	0.78	27.5	0.5%	20.3
Bolivia	0.15	0.13	0.52	0.68	24.0	0.4%	
Brazil	0.05	0.11	0.23	0.22	7.8	0.1%	28.8
Colombia	0.12	0.11	0.20	0.12	4.3	0.1%	20.1
Ecuador	0.12	0.11	0.10	0.10	3.7	0.1%	
Trinidad & Tobago	0.31	0.25	0.60	0.66	23.5	0.4%	51.4
Venezuela	1.33	3.11	4.16	4.18	147.6	2.7%	×
Other S. & Cent. America	0.11	0.32	0.37	0.42	14.7	0.3%	71.0
Total S. & Cent. America	2.86	4.73	6.93	7.16	253.0	4.6%	71.6
Denmark	0.06	0.11	0.10	0.08	2.7		9.2
Germany	0.17	0.25	0.33	0.34	12.1	0.2%	20.1
Hungary	n/a	0.11	0.08	0.04	1.3		13.3
Italy Notherlands	0.10	0.32	0.23	0.23	8.1	0.1%	14.8
Netherlands Network	1.58	1.97	1.77	1.77	62.5	1.1%	25.1
Norway Romania	1.40	1.72	1.25	1.25	44.0 3.6	0.8% 0.1%	21.7
	n/a	0.10	0.37 0.76	0.10			8.0 6.9
United Kingdom Other Europe	0.74 0.53	0.55 0.39	0.76	0.73 0.32	26.0 11.4	0.5% 0.2%	27.8
Total Europe	4.57	5.52	5.21	4.86	171.7	3.1%	16.1
Azerbaijan	4.57 n/a	n/a	0.85	0.85	30.0	0.5%	*
Kazakhstan	n/a	n/a	1.84	1.84	65.0	1.2%	*
Russian Federation	n/a	n/a	48.14	47.57	1680.0	30.7%	83.1
Turkmenistan	n/a	n/a	2.86	2.86	101.0	1.8%	56.6
Ukraine	n/a	n/a	1.12	1.12	39.6	0.7%	62.2
Uzbekistan	n/a	n/a	1.87	1.87	66.2	1.2%	33.2
Other Former Soviet Union	n/a	n/a	0.02	0.02	0.8	1.2 /0	55.8
Total Former Soviet Union	32.85	49.55	56.71	56.14	1982.6	36.2%	78.5
Bahrain	0.24	0.17	0.11	0.09	3.2	0.1%	10.3
Iran	13.71	17.00	23.00	23.00	812.3	14.8%	*
Iraq	0.77	2.69	3.11	3.11	109.8	2.0%	*
Kuwait	0.98	1.37	1.49	1.49	52.7	1.0%	*
Oman	0.08	0.28	0.83	0.83	29.3	0.5%	61.9
Qatar	1.70	4.59	11.15	14.40	508.5	9.3%	*
Saudi Arabia	3.35	5.23	6.05	6.22	219.5	4.0%	*
United Arab Emirates	0.66	5.64	6.01	6.01	212.1	3.9%	*
Yemen	-	0.20	0.48	0.48	16.9	0.3%	*
Other Middle East	0.09	0.18	0.29	0.29	10.2	0.2%	56.7
Total Middle East	21.58	37.35	52.52	55.91	1974.6	36.1%	*
Algeria	3.71	3.30	4.52	4.52	159.7	2.9%	57.8
Egypt	0.08	0.35	1.00	1.00	35.2	0.6%	47.5
Libya	0.66	1.22	1.31	1.31	46.4	0.8%	*
Nigeria	1.15	2.97	3.51	3.51	124.0	2.3%	*
Other Africa	0.40	0.95	0.82	0.84	29.5	0.5%	*
Total Africa	5.99	8.78	11.16	11.18	394.8	7.2%	90.2
Australia	0.53	0.43	1.26	2.55	90.0	1.6%	77.9
Bangladesh	0.20	0.72	0.30	0.30	10.6	0.2%	27.8
Brunei	0.20	0.32	0.39	0.39	13.8	0.3%	34.3
China	0.69	1.00	1.37	1.37	48.3	0.9%	45.1
India	0.35	0.73	0.65	0.65	22.9	0.4%	24.5
	0.78	1.84	2.05	2.62	92.5	1.7%	41.6
Indonesia	0.54	1.67	2.31	2.12	75.0	1.4%	44.8
	0.54			0.71	25.1	0.5%	35.6
	0.46	0.64	0.61	0.71	_0		
Malaysia	0.46	0.23	0.22	0.35	12.2	0.2%	*
Malaysia Pakistan Papua New Guinea	0.46						19.9
Malaysia Pakistan Papua New Guinea Thailand Vietnam	0.46	0.23 0.39 †	0.22 0.33 0.19	0.35	12.2 12.7 6.8	0.2%	19.9 96.3
Pakistan	0.46	0.23 0.39	0.22 0.33	0.35 0.36 0.19 0.66	12.2 12.7	0.2% 0.2%	96.3 36.9
Malaysia Pakistan Papua New Guinea Thailand Vietnam Other Asia Pacific Total Asia Pacific	0.46 - 0.34 - 0.21 4.30	0.23 0.39 † 0.51 8.47	0.22 0.33 0.19 0.65 10.34	0.35 0.36 0.19 0.66 12.27	12.2 12.7 6.8 23.4 433.3	0.2% 0.2% 0.1% 0.4% 7.9%	96.3 36.9 43.8
Malaysia Pakistan Papua New Guinea Thailand Vietnam Other Asia Pacific TOTAL WORLD	0.46 - 0.34 - 0.21 4.30 <b>82.44</b>	0.23 0.39 † 0.51 8.47 <b>123.97</b>	0.22 0.33 0.19 0.65 10.34 <b>150.19</b>	0.35 0.36 0.19 0.66 12.27	12.2 12.7 6.8 23.4 433.3 5476.7	0.2% 0.2% 0.1% 0.4% 7.9%	96.3 36.9 43.8 <b>61.9</b>
Malaysia Pakistan Papua New Guinea Thailand Vietnam Other Asia Pacific Total Asia Pacific	0.46 - 0.34 - 0.21 4.30	0.23 0.39 † 0.51 8.47	0.22 0.33 0.19 0.65 10.34	0.35 0.36 0.19 0.66 12.27	12.2 12.7 6.8 23.4 433.3	0.2% 0.2% 0.1% 0.4% 7.9%	96.3 36.9 43.8

<sup>\*</sup>Over 100 years.

#### 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/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 – With the exception of Azerbaijan, the estimates contained in this table are those published by the Oil and Gas Journal. Trillion equals one million million (10<sup>12</sup>). 1 trillion cubic feet of natural gas = 26 million tonnes of oil (approximately).

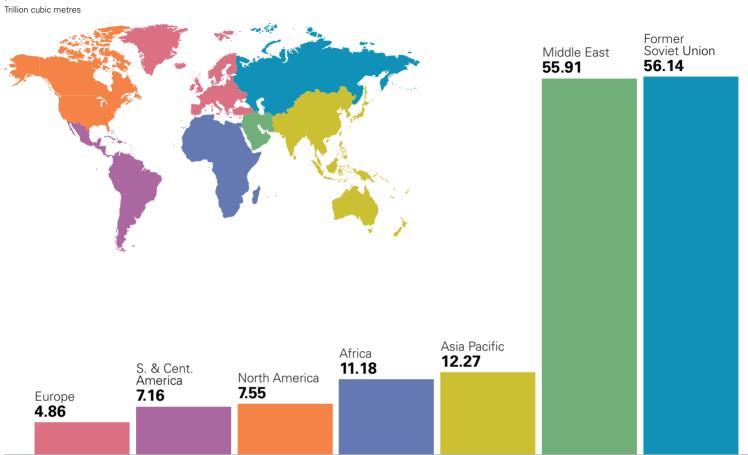
<sup>†</sup>Less than 0.05.

<sup>\*</sup>Less than 0.05%.

<sup>#1981</sup> excludes Central European members.

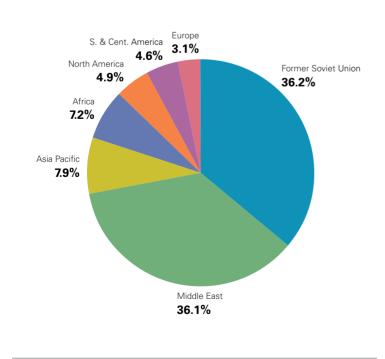
n/a not available.







Trillion cubic metres %



#### proved reserves

Trillion cubic metres

160

140

120

100

80

60

40

0 81 91 01

North S. & Cent. Europe Former Middle Africa Asia America America Soviet Union East Pacific

## natural gas

production*												Change 2001 over	2001 share
Billion cubic metres	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	510.4	514.5	520.4	541.8	534.9	542.2	543.1	549.2	541.6	544.9	555.4	1.9%	22.5%
Canada	105.4	116.1	125.5	135.9	148.2	153.6	156.2	160.5	162.2	167.8	172.0	2.5%	7.0%
Mexico	27.9	27.8	27.8	28.7	28.1	31.2	33.8	36.6	38.5	37.1	34.7	-6.3%	1.4%
Total North America	643.7	658.4	673.7	706.4	711.2	727.0	733.1	746.3	742.3	749.8	762.1	1.6%	30.9%
Argentina	19.9	20.1	21.5	22.3	25.0	26.6	27.4	29.6	34.6	37.4	38.4	2.6%	1.6%
Bolivia	3.0	3.0	3.0	3.3	3.2	3.2	3.3	3.1	2.5	3.4	4.1	20.5%	0.2%
Brazil	3.9	4.0	4.5	4.5	4.8	5.5	6.0	6.3	6.7	6.8	7.7	13.3%	0.3%
Colombia	4.1	4.0	4.2	4.2	4.4	4.7	5.9	6.3	5.2	5.9	6.1	3.0%	0.2%
Trinidad & Tobago	5.7	6.0	5.9	6.2	6.1	7.1	7.4	8.6	10.9	13.0	12.9	-0.5%	0.5%
Venezuela	21.9	21.6	23.3	24.7	27.5	29.7	30.8	32.3	27.4	27.9	28.9	3.3%	1.2%
Other S. & Cent. America	2.0	2.2	2.1	2.2	2.2	2.3	2.4	2.5	2.1	2.1	2.0	-2.6%	0.1%
Total S. & Cent. America	60.5	60.9	64.5	67.4	73.2	79.1	83.2	88.7	89.4	96.5	100.1	3.7%	4.1%
Denmark	4.0	4.1	4.5	4.9	5.3	6.4	7.9	7.6	7.8	8.1	8.4	3.5%	0.3%
Germany	14.7	14.9	14.9	15.6	16.1	17.4	17.1	16.7	17.8	16.9	17.0	0.9%	0.7%
Hungary	4.3	4.0	4.3	4.1	4.2	4.0	3.7	3.3	2.9	2.7	2.7	1.0%	0.1%
Italy	17.4	18.2	19.5	20.6	20.4	20.0	19.3	19.0	17.5	16.2	15.5	-4.6%	0.6%
Netherlands	69.0	69.1	70.0	66.4	67.0	75.8	67.1	63.6	59.3	57.3	61.4	7.1%	2.5%
Norway	27.3	29.4	28.9	30.8	31.2	41.0	46.7	47.8	51.0	54.0	57.5	6.4%	2.3%
Romania	24.5	21.8	20.6	18.7	18.0	17.2	15.0	14.0	14.0	13.8	12.6	-8.5%	0.5%
United Kingdom	50.6	51.5	60.5	64.6	70.8	84.2	85.9	90.2	99.1	108.3	105.8	-2.3%	4.3%
Other Europe	14.3	14.0	15.1	14.5	14.6	13.3	12.8	12.3	11.6	11.8	11.6	-1.4%	0.5%
Total Europe	226.1	227.0	238.3	240.2	247.6	279.3	275.5	274.5	281.0	289.1	292.5	1.2%	11.9%
Azerbaijan	8.0	7.4	6.3	6.0	6.2	5.9	5.6	5.2	5.6	5.3	5.2	-2.0%	0.2%
Kazakhstan	7.4	7.6	6.2	4.2	5.5	6.1	7.6	7.4	9.3	10.8	10.8	0.3%	0.4%
Russian Federation	599.8	597.4	576.5	566.4	555.4	561.1	532.6	551.3	551.0	545.0	542.4	-0.5%	22.0%
Turkmenistan	78.6	56.1	60.9	33.3	30.1	32.8	16.1	12.4	21.3	43.8	47.9	9.1%	1.9%
Ukraine	22.8	19.6	17.9	17.0	17.0	17.2	17.4	16.8	16.9	16.7	17.1	2.3%	0.7%
Uzbekistan	39.1	39.9	42.0	44.0	45.3	45.7	47.8	51.1	51.9	52.6	53.5	1.8%	2.2%
Other Former Soviet Union	0.6	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	-8.7%	•
		700.0	7100	071 0	000	000 1	007.4	0110	OFO 4	0740	077.0	0.40/	07 50/
Total Former Soviet Union	756.3	728.6	710.2	671.3	659.9	669.1	627.4	644.6	656.4	674.6	677.3	0.4%	27.5%
<b>Total Former Soviet Union</b> Bahrain	756.3 5.5	6.5	6.9	7.1	7.2	7.4	8.0	8.4	8.7	8.8	8.9	1.4%	0.4%
<b>Total Former Soviet Union</b> Bahrain Iran	756.3 5.5 25.8	6.5 25.0	6.9 27.1	7.1 31.8	7.2 35.3	7.4 39.0	8.0 47.0	8.4 50.0	8.7 57.8	8.8 60.2	8.9 60.6	1.4% 0.6%	0.4% 2.5%
<b>Total Former Soviet Union</b> Bahrain Iran Kuwait	756.3 5.5 25.8 0.5	6.5 25.0 2.6	6.9 27.1 5.4	7.1 31.8 6.0	7.2 35.3 9.3	7.4 39.0 9.3	8.0 47.0 9.3	8.4 50.0 9.5	8.7 57.8 8.6	8.8 60.2 9.6	8.9 60.6 9.5	1.4% 0.6% -1.0%	0.4% 2.5% 0.4%
Total Former Soviet Union Bahrain Iran Kuwait Oman	756.3 5.5 25.8 0.5 2.6	6.5 25.0 2.6 2.9	6.9 27.1 5.4 2.8	7.1 31.8 6.0 2.9	7.2 35.3 9.3 4.1	7.4 39.0 9.3 4.4	8.0 47.0 9.3 5.0	8.4 50.0 9.5 5.2	8.7 57.8 8.6 5.5	8.8 60.2 9.6 8.4	8.9 60.6 9.5 13.4	1.4% 0.6% -1.0% 59.7%	0.4% 2.5% 0.4% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar	756.3 5.5 25.8 0.5 2.6 7.6	6.5 25.0 2.6 2.9 12.6	6.9 27.1 5.4 2.8 13.5	7.1 31.8 6.0 2.9 13.5	7.2 35.3 9.3 4.1 13.5	7.4 39.0 9.3 4.4 13.7	8.0 47.0 9.3 5.0 17.4	8.4 50.0 9.5 5.2 19.6	8.7 57.8 8.6 5.5 22.1	8.8 60.2 9.6 8.4 29.1	8.9 60.6 9.5 13.4 32.5	1.4% 0.6% -1.0% 59.7% 11.7%	0.4% 2.5% 0.4% 0.5% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia	756.3 5.5 25.8 0.5 2.6 7.6 35.2	6.5 25.0 2.6 2.9 12.6 38.3	6.9 27.1 5.4 2.8 13.5 40.0	7.1 31.8 6.0 2.9 13.5 42.8	7.2 35.3 9.3 4.1 13.5 42.9	7.4 39.0 9.3 4.4 13.7 44.4	8.0 47.0 9.3 5.0 17.4 45.3	8.4 50.0 9.5 5.2 19.6 46.8	8.7 57.8 8.6 5.5 22.1 46.2	8.8 60.2 9.6 8.4 29.1 49.8	8.9 60.6 9.5 13.4 32.5 53.7	1.4% 0.6% -1.0% 59.7% 11.7% 7.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8	6.5 25.0 2.6 2.9 12.6 38.3 22.2	6.9 27.1 5.4 2.8 13.5 40.0 23.0	7.1 31.8 6.0 2.9 13.5 42.8 25.8	7.2 35.3 9.3 4.1 13.5 42.9 31.3	7.4 39.0 9.3 4.4 13.7 44.4 33.8	8.0 47.0 9.3 5.0 17.4 45.3 36.3	8.4 50.0 9.5 5.2 19.6 46.8 37.1	8.7 57.8 8.6 5.5 22.1 46.2 38.5	8.8 60.2 9.6 8.4 29.1 49.8 39.8	8.9 60.6 9.5 13.4 32.5 53.7 41.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.9 75.3 28.1	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7	1.4% 0.6% -1.0% 59.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 0.2% 5.0% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh	756.3 5.5 25.8 0.5 2.6 7.6 35.2 2.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 4.2 89.2 30.6 7.6	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 5.3% 8.2%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.2% 0.5% 0.2% 5.0% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3 11.2	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.2% 0.5% 0.2% 0.2% 0.2% 0.4% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh	756.3 5.5 25.8 0.5 2.6 7.6 35.2 2.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 4.2 89.2 30.6 7.6	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 5.3% 8.2%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 0.5% 5.0% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 5.7 9.8 15.1	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4	7.2 35.3 9.3 4.1 13.5 42.9 31.3 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 30.6 7.6 11.7 19.9	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.5% 0.2% 5.0% 0.4% 0.5% 1.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 6.1 10.3 16.2	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3 24.9	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 8.2% 1.0% 11.5% 1.1%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 0.2% 0.5% 0.2% 0.5% 0.4% 0.4% 0.5% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India India	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 6.1 10.3 16.2 16.1	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 611.7 22.2 20.7 67.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3 11.2 24.3 24.9 71.4	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 8.2% 1.0% 11.5% 1.1% -6.4%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 0.2% 0.2% 0.5% 0.2% 0.4% 0.5% 1.3% 0.4% 0.5% 1.1% 2.6%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.1 56.2 24.9	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 11.6 11.6 11.6 11.6 11.6 11.6 11.6 11	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 63.8 28.9	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3 11.2 24.3 24.9 71.4 40.8	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 5.3% 8.2% 1.15% 1.15% 1.15% 4.7%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.2% 0.5% 0.2% 0.5% 0.4% 0.5% 1.3% 0.5% 1.1% 2.6% 1.9%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8 11.5	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.2 156.2 24.9	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.3	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 15.6	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.0	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4 19.9	1.4% 0.6% -1.0% 59.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5% -6.4% 4.7% 5.2%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 5.0% 1.3% 0.4% 0.5% 1.1% 2.6% 1.1% 2.6% 1.9% 0.8%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1 7.0	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.9 54.9 11.5 7.5	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.1 24.9 12.2 8.4	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.3 9.5	7.2 35.3 9.3 4.1 13.5 42.9 31.3 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4 11.8	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 15.6 14.1	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.0 15.5	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3 16.9	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9 17.9	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 78.2 21.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 18.1	1.4% 0.6% -1.0% 59.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5% 1.1.4% -6.4.4% 5.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.9% 0.2% 0.2% 0.5% 1.1% 0.4% 0.5% 1.1% 2.6% 1.1% 2.6% 0.8% 0.7%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1 7.0 8.7	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8 11.5 7.5 9.1	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.1 56.2 24.9 12.2 24.9	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.3 9.5 9.5	7.2 35.3 9.3 4.1 13.5 42.9 31.3 5.3 148.9 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6 10.1	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4 11.8 10.2	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 38.6 15.6 15.6 16.3 16.3 17.6 1	8.4 50.0 9.5 5.2 19.6 46.8 37.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.0 15.5	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3 16.9 11.6	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9 17.9 18.6	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4 19.9 18.1 20.1	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 8.3%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 0.5% 5.0% 1.3% 0.4% 0.5% 1.1% 2.6% 1.9% 0.8%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific	756.3 5.5 25.8 0.5 2.6 7.6 35.2 2.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1 7.0 8.7	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8 11.5 7.5 9.1	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.1 56.2 24.9 122.2 8.4 9.5	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.5 9.5 9.5	7.2 35.3 9.3 4.1 13.5 42.9 31.3 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6 10.1 9.2 212.0	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4 11.8 10.2	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 15.6 15.6 15.6 16.1 10.8 1	8.4 50.0 9.5 5.2 19.6 46.8 37.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.6 15.5 10.6 241.2	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3 16.9 11.6 257.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9 17.9 18.6 273.7	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4 19.9 18.1 20.1	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% 5.8% 5.8% 1.0% 11.5% 1.1% -6.4% 4.7% 5.0% 5.0% 5.3% 5.	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.5% 0.2% 0.5% 1.1% 2.6% 1.1% 2.6% 1.9% 0.8% 11.4%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15 OECD	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1 7.0 8.7 163.9	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8 11.5 7.5 9.1 175.2	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 24.5 6.1 10.3 16.2 16.1 56.2 24.9 122.9 124.9 124.9 124.9 125.1 10.3	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.3 9.5 200.3 2095.7	7.2 35.3 9.3 4.1 13.5 42.9 31.3 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6 10.1 9.2 212.0	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4 11.8 10.2 228.3	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 14.1 10.8 238.9	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.0 15.5 10.6 24.2 2284.1	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3 16.9 11.6 257.3 239.3	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9 17.9 18.6 273.7	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4 19.9 18.1 20.1 280.0	1.4% 0.6% -1.0% 59.7% 11.7% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.5% 0.2% 0.5% 1.1% 2.6% 1.1% 2.6% 1.9% 0.8% 0.8% 0.8%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15	756.3 5.5 25.8 0.5 2.6 7.6 35.2 23.8 3.4 104.4 53.2 7.8 5.9 3.9 1.1 71.9 21.7 5.3 9.1 14.9 14.2 51.5 20.4 11.1 7.0 8.7 163.9 2026.8	6.5 25.0 2.6 2.9 12.6 38.3 22.2 4.0 114.1 55.3 8.4 6.1 4.3 1.1 75.2 23.5 5.7 9.8 15.1 15.9 54.3 22.8 11.5 7.5 9.1 175.2	6.9 27.1 5.4 2.8 13.5 40.0 23.0 4.2 122.9 56.1 10.0 5.8 4.9 2.7 79.5 6.1 10.3 16.2 16.1 56.2 24.9 12.2 8.4 9.5 184.4 2073.5	7.1 31.8 6.0 2.9 13.5 42.8 25.8 4.9 134.8 51.6 10.6 5.8 4.4 2.9 75.3 28.1 6.6 10.4 16.6 17.3 62.9 26.1 13.3 9.5 9.5 200.3	7.2 35.3 9.3 4.1 13.5 42.9 31.3 58.7 11.0 5.8 4.8 3.0 83.3 29.8 7.4 11.8 17.6 18.8 63.8 28.9 14.6 10.1 9.2 212.0	7.4 39.0 9.3 4.4 13.7 44.4 33.8 6.0 158.0 62.3 11.5 5.8 5.4 4.2 89.2 30.6 7.6 11.7 19.9 20.4 67.1 33.6 15.4 11.8 10.2 228.3 2230.0 210.4	8.0 47.0 9.3 5.0 17.4 45.3 36.3 7.2 175.5 71.8 11.6 6.0 5.1 4.9 99.4 30.0 7.6 11.7 22.2 20.7 67.6 38.6 15.6 14.1 10.8 238.9 2233.0 203.3	8.4 50.0 9.5 5.2 19.6 46.8 37.1 7.5 184.1 76.6 12.2 5.8 5.1 5.0 104.7 30.4 7.8 10.8 22.3 24.6 64.7 38.5 16.0 15.5 10.6 241.2 2284.1 202.3	8.7 57.8 8.6 5.5 22.1 46.2 38.5 7.9 195.3 86.0 14.7 5.5 6.0 5.4 117.6 30.6 8.3 11.2 24.3 24.9 71.4 40.8 17.3 16.9 11.6 257.3 239.3 206.4	8.8 60.2 9.6 8.4 29.1 49.8 39.8 7.9 213.6 84.4 18.3 5.4 10.8 5.6 124.5 31.1 10.0 11.3 27.2 26.1 67.3 45.3 18.9 17.9 18.6 273.7	8.9 60.6 9.5 13.4 32.5 53.7 41.3 8.1 228.0 5.4 13.4 6.0 124.0 32.7 10.8 11.4 30.3 26.4 62.9 47.4 19.9 18.1 20.1 20.1 2464.0 212.9	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 1.2% 1.0% 1.1% -6.4% 4.7% 5.2% 1.0% 1.1% -6.4% 4.7% 5.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 3.2% 0.9% 0.5% 0.2% 5.0% 1.3% 2.6% 1.1% 2.6% 1.9% 0.8% 0.7% 1.4% 1.9% 0.8% 1.4% 8.6%

<sup>\*</sup>Excluding gas flared or recycled.

**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 cubic feet per day is available at www.bp.com/centres/energy/

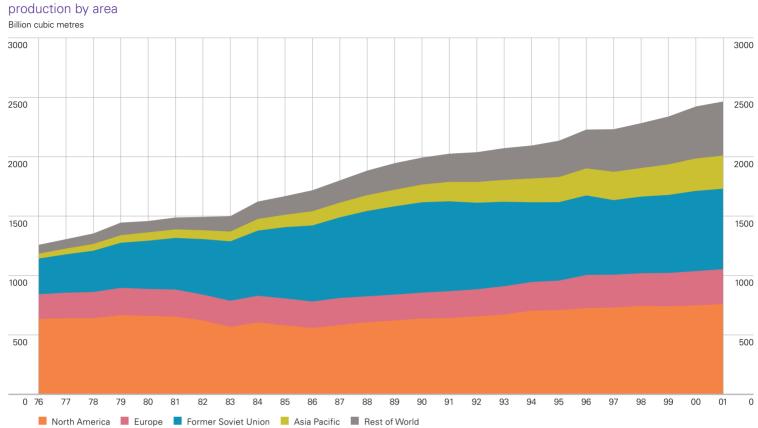
<sup>\*</sup>Less than 0.05%

production*												Change 2001 over	2001 share
Million tonnes oil equivalent	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	459.4	463.1	468.3	487.6	481.4	488.0	488.8	494.3	487.4	490.4	499.9	1.9%	22.5%
Canada Mexico	94.8 25.1	104.5	112.9	122.3	133.4	138.2	140.6 30.4	144.5 32.9	146.0	151.0 33.4	154.8	2.5% -6.3%	7.0%
Total North America	579.3	25.0 592.6	25.0 606.2	25.8 635.7	25.3 640.1	28.1 654.3	659.8	671.7	34.6 668.0	674.8	31.3 686.0	1.6%	1.4%
Argentina	17.9	18.1	19.4	20.0	22.5	23.9	24.6	26.6	31.1	33.7	34.5	2.6%	1.6%
Bolivia	2.7	2.7	2.7	3.0	2.8	2.9	2.9	2.8	2.3	3.1	3.7	20.5%	0.2%
Brazil	3.5	3.6	4.0	4.1	4.3	5.0	5.4	5.6	6.1	6.1	6.9	13.3%	0.3%
Colombia	3.7	3.6	3.8	3.7	4.0	4.2	5.3	5.6	4.7	5.3	5.5	3.0%	0.2%
Trinidad & Tobago	5.1	5.4	5.3	5.6	5.5	6.4	6.7	7.8	9.8	11.7	11.6	-0.5%	0.5%
Venezuela	19.7	19.5	21.0	22.2	24.8	26.8	27.7	29.1	24.7	25.1	26.0	3.3%	1.2%
Other S. & Cent. America	1.8	2.0	1.9	2.0	2.0	2.0	2.1	2.3	1.9	1.9	1.8	-2.6%	0.1%
Total S. & Cent. America	54.4	54.9	58.1	60.6	65.9	71.2	74.7	79.8	80.6	86.9	90.0	3.7%	4.1%
Denmark	3.6	3.7	4.1	4.4	4.8	5.8	7.1	6.8	7.0	7.3	7.5	3.5%	0.3%
Germany	13.2	13.4	13.4	14.0	14.5	15.7	15.4	15.0	16.1	15.2	15.3	0.9%	0.7%
Hungary	3.8	3.6	3.9	3.7	3.7	3.6	3.3	3.0	2.6	2.4	2.5	1.0%	0.1%
Italy	15.7	16.3	17.5	18.6	18.3	18.0	17.3	17.1	15.7	14.6	13.9	-4.6%	0.6%
Netherlands	62.1	62.2 26.5	63.0	59.7	60.3	68.2	60.4	57.2	53.3	51.6	55.2 51.7	7.1%	2.5%
Norway Romania	24.6 22.0	26.5 19.6	26.0 18.5	27.7 16.8	28.0 16.2	36.9 15.5	42.0 13.5	43.0 12.6	45.9 12.6	48.6 12.4	51.7 11.3	6.4% -8.5%	2.3% 0.5%
United Kingdom	45.6	46.3	54.5	58.2	63.7	75.8	77.3	81.2	89.2	97.4	95.2	-0.5% -2.3%	4.3%
Other Europe	12.9	12.6	13.6	13.0	13.2	12.0	11.5	11.0	10.5	10.6	10.5	-2.3 % -1.4 %	0.5%
Total Europe	203.5	204.2	214.5	216.1	222.7	251.5	247.8	246.9	252.9	260.1	263.1	1.2%	11.9%
Azerbaijan	7.2	6.6	5.7	5.4	5.5	5.3	5.0	4.7	5.0	4.7	4.7	-2.0%	0.2%
Kazakhstan	6.6	6.8	5.6	3.8	5.0	5.5	6.8	6.7	8.4	9.7	9.7	0.3%	0.4%
Russian Federation	539.8	537.6	518.8	509.8	499.9	505.0	479.3	496.2	495.9	490.5	488.2	-0.5%	22.0%
Turkmenistan	70.8	50.5	54.8	30.0	27.1	29.6	14.5	11.2	19.1	39.5	43.1	9.1%	1.9%
Ukraine	20.5	17.6	16.1	15.3	15.3	15.4	15.7	15.1	15.2	15.0	15.4	2.3%	0.7%
Uzbekistan	35.2	35.9	37.8	39.6	40.8	41.1	43.0	46.0	46.7	47.4	48.2	1.8%	2.2%
Other Former Soviet Union	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.4	0.3	0.4	0.3	-8.7%	•
Total Former Soviet Union	680.6	655.5	639.2	604.2	593.9	602.1	564.6	580.3	590.6	607.2	609.6	0.4%	27.5%
<b>Total Former Soviet Union</b> Bahrain	5.0	5.8	6.2	6.4	6.5	6.7	7.2	7.5	7.8	7.9	8.0	1.4%	0.4%
<b>Total Former Soviet Union</b> Bahrain Iran	5.0 23.2	5.8 22.5	6.2 24.4	6.4 28.6	6.5 31.8	6.7 35.1	7.2 42.3	7.5 45.0	7.8 52.0	7.9 54.2	8.0 54.5	1.4% 0.6%	0.4% 2.5%
<b>Total Former Soviet Union</b> Bahrain Iran Kuwait	5.0 23.2 0.5	5.8 22.5 2.4	6.2 24.4 4.9	6.4 28.6 5.4	6.5 31.8 8.4	6.7 35.1 8.4	7.2 42.3 8.3	7.5 45.0 8.5	7.8 52.0 7.8	7.9 54.2 8.6	8.0 54.5 8.6	1.4% 0.6% -1.0%	0.4% 2.5% 0.4%
Total Former Soviet Union Bahrain Iran Kuwait Oman	5.0 23.2 0.5 2.4	5.8 22.5 2.4 2.6	6.2 24.4 4.9 2.5	6.4 28.6 5.4 2.6	6.5 31.8 8.4 3.6	6.7 35.1 8.4 3.9	7.2 42.3 8.3 4.5	7.5 45.0 8.5 4.7	7.8 52.0 7.8 4.9	7.9 54.2 8.6 7.6	8.0 54.5 8.6 12.1	1.4% 0.6% -1.0% 59.7%	0.4% 2.5% 0.4% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar	5.0 23.2 0.5 2.4 6.9	5.8 22.5 2.4 2.6 11.4	6.2 24.4 4.9 2.5 12.2	6.4 28.6 5.4 2.6 12.2	6.5 31.8 8.4 3.6 12.2	6.7 35.1 8.4 3.9 12.3	7.2 42.3 8.3 4.5 15.7	7.5 45.0 8.5 4.7 17.6	7.8 52.0 7.8 4.9 19.8	7.9 54.2 8.6 7.6 26.2	8.0 54.5 8.6 12.1 29.3	1.4% 0.6% -1.0% 59.7% 11.7%	0.4% 2.5% 0.4% 0.5% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia	5.0 23.2 0.5 2.4 6.9 31.7	5.8 22.5 2.4 2.6 11.4 34.4	6.2 24.4 4.9 2.5 12.2 36.0	6.4 28.6 5.4 2.6 12.2 38.5	6.5 31.8 8.4 3.6 12.2 38.6	6.7 35.1 8.4 3.9 12.3 40.0	7.2 42.3 8.3 4.5 15.7 40.8	7.5 45.0 8.5 4.7 17.6 42.1	7.8 52.0 7.8 4.9 19.8 41.6	7.9 54.2 8.6 7.6 26.2 44.8	8.0 54.5 8.6 12.1 29.3 48.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar	5.0 23.2 0.5 2.4 6.9	5.8 22.5 2.4 2.6 11.4	6.2 24.4 4.9 2.5 12.2	6.4 28.6 5.4 2.6 12.2	6.5 31.8 8.4 3.6 12.2	6.7 35.1 8.4 3.9 12.3	7.2 42.3 8.3 4.5 15.7	7.5 45.0 8.5 4.7 17.6	7.8 52.0 7.8 4.9 19.8	7.9 54.2 8.6 7.6 26.2	8.0 54.5 8.6 12.1 29.3	1.4% 0.6% -1.0% 59.7% 11.7%	0.4% 2.5% 0.4% 0.5% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates	5.0 23.2 0.5 2.4 6.9 31.7 21.4	5.8 22.5 2.4 2.6 11.4 34.4 20.0	6.2 24.4 4.9 2.5 12.2 36.0 20.7	6.4 28.6 5.4 2.6 12.2 38.5 23.2	6.5 31.8 8.4 3.6 12.2 38.6 28.2	6.7 35.1 8.4 3.9 12.3 40.0 30.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7	7.5 45.0 8.5 4.7 17.6 42.1 33.4	7.8 52.0 7.8 4.9 19.8 41.6 34.6	7.9 54.2 8.6 7.6 26.2 44.8 35.9	8.0 54.5 8.6 12.1 29.3 48.3 37.2	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7%
Total Former Soviet Union Bahrain Iran Kuwait Oman Oatar Saudi Arabia United Arab Emirates Other Middle East	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9%
Total Former Soviet Union  Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2%
Total Former Soviet Union  Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4	6.7 35.1 8.4 3.9 12.3 40.0 30.4 142.2 56.1 10.4 5.2 4.9	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5	7.8 52.0 7.8 4.9 19.8 41.6 34.6 77.1 175.6 77.4 13.2 5.0 5.4 4.9	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Oatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 12.1 5.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 5.0%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 71.5 22.0	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 5.0% 1.3%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 71.5 22.0 5.5	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 67.8 25.3 6.0	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.8 89.5 27.0 6.8	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% 5.3% 8.2%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 5.0% 1.3% 0.4%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% 5.8% 5.3% 8.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 5.0% 1.3% 0.4% 0.5%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1	7.8 52.0 7.8 4.9 19.8 41.6 34.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 10.1 21.9	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 1.3% 5.0% 1.3% 0.4% 0.5% 1.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 89.5 27.0 6.8 10.5 20.0 18.6	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 10.1 21.9 22.4	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 8.2% 8.2% 1.0% 11.5% 1.1%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 1.3% 0.4% 0.5% 1.1%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1	7.8 52.0 7.8 4.9 19.8 41.6 34.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 10.1 21.9	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 0.2% 0.2% 0.2% 0.2% 5.0% 1.3% 0.4% 0.5% 1.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India India	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5 60.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 8.2% 1.0% 11.5% 1.1% -6.4%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 9.3% 0.2% 0.5% 0.2% 5.0% 0.4% 0.4% 0.5% 1.1% 2.6%
Total Former Soviet Union Bahrain Iran Kuwait Oman Oatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6 22.4	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 915.6 56.6 23.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3 36.8	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5 60.5 40.7	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 27.3 23.7 56.6 42.7	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% -23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 1.1.5% 1.1.5% 1.1.7% -6.4% 4.7%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 3.2% 0.9% 0.2% 0.5% 0.2% 5.0% 1.3% 0.4% 0.5% 1.1% 2.6% 1.9%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 50.6 22.4 10.9	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 656.6 23.5 12.0	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0 13.1	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3 36.8 15.6	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 60.5 40.7 17.0	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 27.3 27.3 27.3	1.4% 0.6% -1.0% 59.7% 7.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 5.3% 8.2% 1.0% 11.5% 1.15% -6.4% 4.7% 5.2%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 0.2% 5.0% 1.3% 0.4% 0.5% 1.2% 1.2% 1.2% 1.2%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific Total Asia Pacific	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0 6.3 7.9	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3 6.8 8.2	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6 22.4 10.9 7.6 8.5	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6 23.5 12.0 8.6 8.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0 13.1 9.1 8.3	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8 10.6 9.2 205.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0 12.7 9.7	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4 13.9 9.5 216.9	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3 36.8 15.6 15.3 10.4 231.8	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5 60.5 40.7 17.0 16.1 16.7 246.2	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6 42.7 17.9 16.3 18.1 252.0	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 2.0% 6.7% -7.3% 14.4% - 23.6% 5.8% 5.8% 6.5% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 8.2% 1.0% 1.1% -0.4% 4.7% 5.2% 1.0% 8.3% 8.2% 1.0% 8.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 0.3% 3.2% 0.9% 0.2% 0.5% 0.2% 0.5% 0.4% 0.5% 1.1% 2.6% 1.1% 2.6% 1.9% 0.8% 0.7% 0.8%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0 6.3 7.9 147.6	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3 6.8 8.2 157.7 1835.3	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 5.5 9.3 14.6 14.5 50.6 22.4 10.9 7.6 8.5 165.9	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6 23.5 12.0 8.5 180.4	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 16.9 57.4 26.0 13.1 9.1 8.3 190.6	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8 10.6 9.2 205.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0 12.7 9.7 214.9	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4 13.9 9.5 216.9 2055.3	7.8 52.0 7.8 4.9 19.8 41.6 34.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3 36.8 15.6 15.3 10.4 231.8 2105.4	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5 60.5 40.7 17.0 16.1 16.7 246.2 2179.8	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6 42.7 17.9 16.9 18.9 19.7 10.3 27.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 8.2% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 8.3% 2.4% 1.7%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 1.3% 0.4% 0.5% 1.1% 2.6% 1.9% 0.8% 1.9%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0 6.3 7.9 147.6 <b>1824.3</b>	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3 6.8 8.2 157.7	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6 22.4 10.9 7.6 8.5 165.9	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6 23.5 12.0 8.5 12.0 8.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0 13.1 9.1 8.3 190.6 1922.3	6.7 35.1 8.4 3.9 12.3 40.0 30.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8 10.6 9.2 205.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0 12.7 9.7 214.9 2009.3	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4 13.9 9.5 216.9 2055.3	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 10.1 21.9 22.4 64.3 36.8 15.6 15.3 10.4 231.8 2105.4 185.7	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 10.2 24.5 23.5 60.5 40.7 17.0 16.1 16.7 246.2 2179.8	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6 42.7 17.9 16.3 18.1 252.0 2217.7 191.6	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 1.2% 1.0% 1.1% 5.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 5.0% 1.3% 0.4% 0.5% 1.1% 2.6% 1.9% 0.8% 0.8% 1.4% 100.0% 8.6%
Total Former Soviet Union Bahrain Iran Kuwait Oman Oatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15 OECD	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0 6.3 7.9 147.6 <b>1824.3</b>	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3 6.8 8.2 157.7 <b>1835.3</b>	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6 22.4 10.9 7.6 8.5 165.9 <b>1866.1</b>	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6 23.5 12.0 8.5 12.0 8.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0 13.1 9.1 8.3 190.6 1922.3 168.3 876.4	6.7 35.1 8.4 3.9 12.3 40.0 30.4 5.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8 10.6 9.2 205.4 2007.1 189.3 921.8	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0 12.7 9.7 214.9 2009.3 183.0 925.5	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4 13.9 9.5 216.9 2055.3	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 7.5 10.1 21.9 22.4 64.3 36.8 15.6 15.3 10.4 231.8 2105.4 185.7 940.5	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 9.0 10.2 24.5 23.5 60.5 40.7 17.0 16.1 16.7 246.2 2179.8 190.4 955.5	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6 42.7 17.9 16.3 18.1 25.0 2217.7 191.6 972.3	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 8.2% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 8.3% 4.7% 5.2% 1.0% 8.3% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 5.0% 1.3% 0.4% 0.5% 1.1% 2.6% 1.9% 0.8% 0.7% 0.8% 1.4% 1.9% 0.8% 43.8%
Total Former Soviet Union Bahrain Iran Kuwait Oman Qatar Saudi Arabia United Arab Emirates Other Middle East Total Middle East Algeria Egypt Libya Nigeria Other Africa Total Africa Australia Bangladesh Brunei China India Indonesia Malaysia Pakistan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15	5.0 23.2 0.5 2.4 6.9 31.7 21.4 3.1 94.2 47.9 7.0 5.3 3.5 1.0 64.7 19.5 4.8 8.2 13.4 12.8 46.4 18.3 10.0 6.3 7.9 147.6 <b>1824.3</b>	5.8 22.5 2.4 2.6 11.4 34.4 20.0 3.6 102.7 49.8 7.6 5.5 3.8 1.0 67.7 21.1 5.2 8.8 13.6 14.3 48.9 20.5 10.3 6.8 8.2 157.7	6.2 24.4 4.9 2.5 12.2 36.0 20.7 3.8 110.7 50.5 9.0 5.2 4.4 2.4 71.5 22.0 5.5 9.3 14.6 14.5 50.6 22.4 10.9 7.6 8.5 165.9	6.4 28.6 5.4 2.6 12.2 38.5 23.2 4.4 121.3 46.5 9.5 5.2 4.0 2.6 67.8 25.3 6.0 9.4 14.9 15.6 56.6 23.5 12.0 8.5 12.0 8.5	6.5 31.8 8.4 3.6 12.2 38.6 28.2 4.8 134.1 52.8 9.9 5.2 4.4 2.7 75.0 26.8 6.6 10.6 15.8 16.9 57.4 26.0 13.1 9.1 8.3 190.6 1922.3	6.7 35.1 8.4 3.9 12.3 40.0 30.4 142.2 56.1 10.4 5.2 4.9 3.8 80.4 27.5 6.8 10.5 17.9 18.4 60.4 30.3 13.8 10.6 9.2 205.4	7.2 42.3 8.3 4.5 15.7 40.8 32.7 6.5 158.0 64.6 10.5 5.4 4.6 4.4 89.5 27.0 6.8 10.5 20.0 18.6 60.8 34.8 14.0 12.7 9.7 214.9 2009.3	7.5 45.0 8.5 4.7 17.6 42.1 33.4 6.7 165.5 68.9 11.0 5.2 4.6 4.5 94.2 27.3 7.0 9.7 20.1 22.2 58.2 34.6 14.4 13.9 9.5 216.9 2055.3	7.8 52.0 7.8 4.9 19.8 41.6 34.6 7.1 175.6 77.4 13.2 5.0 5.4 4.9 105.9 27.5 10.1 21.9 22.4 64.3 36.8 15.6 15.3 10.4 231.8 2105.4 185.7	7.9 54.2 8.6 7.6 26.2 44.8 35.9 7.1 192.3 76.0 16.5 4.9 9.8 5.1 112.3 28.0 10.2 24.5 23.5 60.5 40.7 17.0 16.1 16.7 246.2 2179.8	8.0 54.5 8.6 12.1 29.3 48.3 37.2 7.3 205.3 70.4 18.9 4.9 12.1 5.4 111.7 29.4 9.7 10.3 27.3 23.7 56.6 42.7 17.9 16.3 18.1 252.0 2217.7 191.6	1.4% 0.6% -1.0% 59.7% 11.7% 7.8% 3.8% 6.7% -7.3% 14.4% - 23.6% 5.8% -0.5% 1.0% 11.5% 1.1% -6.4% 4.7% 5.2% 1.0% 1.2% 1.0% 1.1% 5.2% 1.0%	0.4% 2.5% 0.4% 0.5% 1.3% 2.2% 1.7% 0.3% 9.3% 3.2% 0.9% 0.2% 0.5% 0.2% 5.0% 1.3% 0.4% 0.5% 1.1% 2.66% 1.9% 0.8% 0.8% 0.7% 0.8% 0.8% 1.4% 100.0% 8.6%

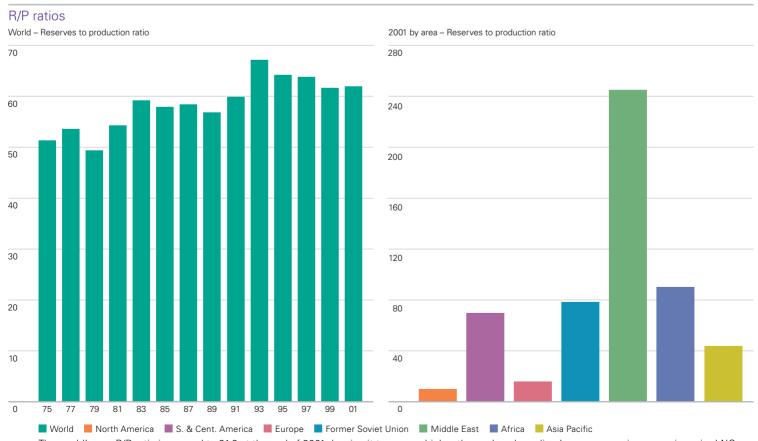
<sup>\*</sup>Excluding gas flared or recycled. \*Less than 0.05%.

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

### natural gas



The rate of gas production growth halved in 2001 relative to a very strong 2000. However, the unbroken growth trend of the previous decade was maintained.



The world's gas R/P ratio increased to 61.9 at the end of 2001, leaving it two years higher than a decade earlier. Large reserve increases in major LNG exporting countries (Indonesia, Qatar and Australia) outweighed a 1.7% increase in global production.

Notes: The difference between these world consumption figures and the world production statistics on page 22 is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

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. Natural gas consumption data expressed in billion cubic feet per day is available at <a href="https://www.bp.com/centres/energy/">www.bp.com/centres/energy/</a>

tLess than 0.05

Less than 0.05%

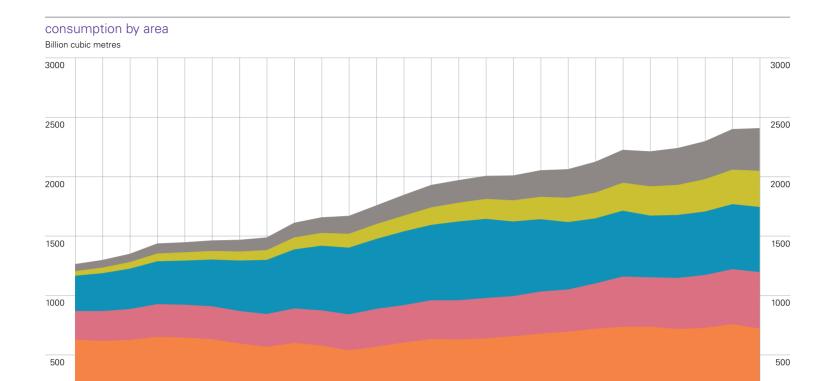
## natural gas

consumption	1991	1992	1993	1994	1005	1996	1007	1000	1999	2000		Change 2001 over	2001 share of total
Million tonnes oil equivalent USA	494.1	507.3	524.9	536.5	1995 558.5	568.5	1997 567.8	1998 552.8	559.6	2000 582.4	2001 554.6	2000 -4.8%	25.6%
Canada	56.7	60.2	61.6	63.8	63.8	66.9	67.3	63.3	65.4	69.8	65.4	-6.4%	3.0%
Mexico Total North America	24.9 575.7	24.9 592.4	25.4 611.9	26.5 626.8	26.7 649.0	27.9 663.3	28.5 663.6	30.9 647.0	30.4 655.4	31.4 683.6	30.4 650.4	-3.3% -4.9%	1.4%
Argentina	19.9	20.1	21.2	21.9	24.3	25.7	25.7	27.5	29.1	29.9	29.9	•	1.4%
Brazil Chile	3.5 1.3	3.6 1.5	4.0 1.4	4.1 1.5	4.3 1.5	5.0 1.5	5.4 2.5	5.6 2.9	6.4 4.1	8.2 4.7	9.8 5.0	19.3% 6.5%	0.5% 0.2%
Colombia	3.7	3.6	3.8	3.7	4.0	4.2	5.3	5.6	4.7	5.3	5.5	2.6%	0.3%
Ecuador Peru	0.1 0.4	0.1 0.3	0.1 0.4	0.1 0.4	0.1 0.4	0.1 0.4	0.1 0.2	0.1 0.4	0.1 0.4	0.1 0.3	0.1 0.3	7.1%	•
Venezuela	19.7	19.5	21.0	22.2	24.8	26.8	27.7	29.1	24.7	25.1	26.0	3.3%	1.2%
Other S. & Cent. America  Total S. & Cent. America	5.8 54.4	6.1 54.8	6.1 58.0	6.5 60.4	6.5 65.9	7.4 71.1	8.0 74.9	8.8	9.3 78.8	10.1 83.7	10.6 87.2	5.2% 4.1%	0.5% 4.0%
Austria	5.4	5.4	5.7	5.8	6.1	6.6	6.9	6.8	6.9	6.6	6.6	0.6%	0.3%
Belgium & Luxembourg	9.0 4.5	9.0 3.9	9.9 3.7	9.7 3.7	10.6 4.5	11.8 4.6	11.3 3.7	12.4 3.1	13.3 2.7	13.4 2.6	13.2 2.3	-1.4% -9.3%	0.6% 0.1%
Bulgaria Czech Republic	5.3	5.2	5.3	5.7	6.5	7.6	7.7	7.7	7.7	7.5	8.0	7.0%	0.1%
Denmark 5	2.1	2.2	2.5	2.7	3.1	3.7	3.9	4.3	4.5	4.4	4.6	4.4%	0.2%
Finland France	2.4 27.5	2.5 28.3	2.6 29.0	2.8 27.8	2.9 29.6	3.0 32.5	2.9 31.2	3.3 33.3	3.3 33.9	3.4 35.7	3.7 36.6	8.5% 2.5%	0.2% 1.7%
Germany	56.6	56.7	59.8	61.1	67.0	75.2	71.3	71.7	72.1	71.5	74.6	4.3%	3.4%
Greece Hungary	0.1 8.6	0.1 7.4	0.1 8.1	† 8.4	† 9.2	† 10.2	0.2 9.7	0.7 9.8	1.2 9.9	1.7 9.6	1.8 10.7	1.1% 11.1%	0.1% 0.5%
Iceland	-	_	_	_	_	_	_	_	_	_	-	_	_
Republic of Ireland Italy	1.9 41.5	1.9 41.1	2.2 42.1	2.2 40.8	2.3 44.9	2.7 46.4	2.8 47.9	2.8 51.5	3.0 56.0	3.4 58.4	3.6 58.0	4.3% -0.6%	0.2% 2.7%
Netherlands	34.2	33.0	34.1	33.2	34.0	37.5	35.2	34.9	34.1	35.3	35.3	0.2%	1.6%
Norway	2.2	2.3	2.4	2.6	2.7	2.9	3.3	3.4	3.2	3.6	4.0	10.6%	0.2%
Poland Portugal	7.9 -	7.8 –	8.1 –	8.2	8.9	9.5 –	9.4 0.1	9.5 0.7	9.3 2.0	10.0 2.1	10.2 2.3	2.7% 7.6%	0.5% 0.1%
Romania	22.3	22.8	22.7	21.8	21.6	21.8	18.0	16.8	15.5	15.4	15.8	2.3%	0.7%
Slovakia Spain	4.9 5.5	4.9 5.9	4.6 5.8	4.5 6.5	5.1 7.5	5.5 8.4	5.6 11.1	5.7 11.8	5.8 13.5	5.8 15.2	6.7 16.4	14.3% 7.7%	0.3% 0.8%
Sweden	0.6	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.7	0.7	4.8%	•
Switzerland Turkev	1.8 4.0	1.9 4.1	2.0 4.5	2.0 5.9	2.2 6.2	2.4 8.1	2.3 8.5	2.4 8.9	2.4 10.8	2.4 12.7	2.5 14.0	4.2% 9.7%	0.1%
United Kingdom	51.0	50.7	57.8	59.5	63.5	73.9	75.4	78.5	83.2	86.4	85.9	-0.6%	4.0%
Other Europe	6.0 305.3	5.4 303.2	4.5 318.2	3.6 319.2	3.8 342.9	5.4 380.5	5.5 374.6	5.3 386.1	4.8 399.9	5.1 412.9	5.5 423.0	7.8% 2.4%	0.3% 19.5%
<b>Total Europe</b> Azerbaijan	13.6	10.6	7.8	7.3	7.2	5.3	5.0	4.7	5.0	4.9	7.6	55.2%	0.3%
Belarus	13.0	15.1	14.0	12.3	11.1	11.7	13.3	13.5	13.8	14.6	14.5	-0.6%	0.7%
Kazakhstan Lithuania	11.8 4.9	12.2 2.7	11.7 1.5	9.2 1.8	9.7 2.1	8.1 2.3	6.4 2.4	6.5 2.1	7.1 2.2	8.7 2.5	9.1 2.5	3.8% 3.8%	0.4%
Russian Federation	388.0	375.5	374.4	351.8	340.0	341.9	315.3	328.3	327.3	339.5	335.4	-1.2%	15.5%
Turkmenistan Ukraine	8.6 109.3	8.4 93.2	8.4 83.6	9.2 73.2	7.2 68.6	9.0 74.2	9.1 66.8	9.2 61.9	10.2 63.6	11.3 61.6	11.6 59.2	2.2% -4.0%	0.5% 2.7%
Uzbekistan	33.4	33.6	36.6	37.2	38.1	39.0	40.9	42.3	44.3	42.4	46.0	8.5%	2.1%
Other Former Soviet Union  Total Former Soviet Union	16.4 599.0	14.1 565.4	10.0 548.0	8.4 510.4	8.2 492.2	7.1 498.6	7.9 467.1	8.3 476.8	7.1 480.6	6.8 492.3	7.7 493.6	13.4%	0.4%
Iran	20.5	22.5	23.9	28.6	31.7	35.0	42.4	46.6	53.8	56.7	58.5	3.2%	2.7%
Kuwait Qatar	0.5 6.9	2.4 11.4	4.9 12.2	5.4 12.2	8.4 12.2	8.4 12.3	8.3 13.2	8.5 13.3	7.8 12.6	8.6 13.6	8.6 14.4	-1.0% 6.0%	0.4%
Saudi Arabia	31.7	34.4	36.0	38.5	38.6	40.0	40.8	42.1	41.6	44.8	48.3	7.8%	2.2%
United Arab Emirates Other Middle East	18.3 10.4	16.9 12.0	17.7 12.5	19.5 13.4	22.3 14.5	24.4 15.6	26.1 17.7	27.4	28.3 19.4	29.6 20.1	30.8	4.2%	1.4%
Total Middle East		12.0	12.0		14.5						20.7	2 0 %	
	88.3	99.6	107.2	117.6	127.7	135.7	148.5	18.5 156.4	163.5	173.4	20.7 181.3	2.9% 4.5%	1.0%
Algeria	15.3	16.0	107.2 16.7	117.6 17.6	127.7 18.9	135.7 19.3	148.5 18.1	156.4 18.8	163.5 19.1	173.4 18.9	181.3 19.4	4.5% 2.7%	1.0% 8.4% 0.9%
			107.2	117.6	127.7	135.7	148.5	156.4	163.5	173.4	181.3	4.5%	1.0% 8.4%
Algeria Egypt South Africa Other Africa	15.3 6.9 – 9.5	16.0 7.5 – 10.1	107.2 16.7 8.7 – 10.5	117.6 17.6 9.4 – 10.7	127.7 18.9 9.9 – 11.5	135.7 19.3 10.2 – 12.9	148.5 18.1 10.4 – 12.9	156.4 18.8 10.8 - 13.4	163.5 19.1 12.9 – 13.1	173.4 18.9 16.5 – 14.6	181.3 19.4 18.9 - 15.8	4.5% 2.7% 14.4% - 8.4%	1.0% 8.4% 0.9% 0.9% - 0.7%
Algeria Egypt South Africa Other Africa <b>Total Africa</b>	15.3 6.9 – 9.5 31.7	16.0 7.5 – 10.1 33.6	107.2 16.7 8.7 - 10.5 35.9	117.6 17.6 9.4 - 10.7 37.7	127.7 18.9 9.9 - 11.5 40.3	135.7 19.3 10.2 - 12.9 42.4	148.5 18.1 10.4 - 12.9 41.4	156.4 18.8 10.8 - 13.4 43.0	163.5 19.1 12.9 - 13.1 45.1	173.4 18.9 16.5 – 14.6 50.0	181.3 19.4 18.9 - 15.8 54.1	4.5% 2.7% 14.4% - 8.4% 8.2%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5%
Algeria Egypt South Africa Other Africa <b>Total Africa</b> Australia Bangladesh	15.3 6.9 - 9.5 31.7 15.3 4.8	16.0 7.5 - 10.1 33.6 15.2 5.2	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.4%
Algeria Egypt South Africa Other Africa <b>Total Africa</b> Australia Bangladesh China	15.3 6.9 - 9.5 31.7 15.3	16.0 7.5 - 10.1 33.6 15.2	107.2 16.7 8.7 - 10.5 35.9 15.7	117.6 17.6 9.4 - 10.7 37.7 17.5	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.4% 1.2%
Algeria Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 †	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 2.2 23.7	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9% 0.9% 1.3%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.4% 1.2% 0.1% 1.1%
Algeria Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 + 17.7 27.0	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9% 0.9% 1.3% -2.9%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.4% 1.2% 0.1% 1.1% 1.2%
Algeria Egypt South Africa Other Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7 71.1 19.4	4.5% 2.7% 14.4% - 8.4% 6.0% 8.2% 12.9% 0.9% 1.3% -2.9% 3.7% 6.2%	1.0% 8.4% 0.9% 0.9% 
Algeria Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4 3.7	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0 4.6	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7 4.7	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 2.2 23.7 71.1 19.4 5.2	4.5% 2.7% 14.4% 	1.0% 8.4% 0.9% 0.9% 
Algeria Egypt South Africa Other Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3	107.2 16.7 8.7 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3	181.3 19.4 18.9 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7 71.1 19.4 5.2	4.5% 2.7% 14.4% - 8.4% 6.0% 8.2% 12.9% 0.9% 1.3% -2.9% 3.7% 6.2%	1.0% 8.4% 0.9% 0.9% 
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4	117.6 17.6 9.4 10.7 37.7 17.5 6.0 14.9 15.7 24.6 54.3 12.3 4.0 12.0 †	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 17.7 27.0 55.0 12.4 3.7 13.1 †	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8 †	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0 4.6 14.0	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 †	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 24.4 22.3 28.7 67.1 16.7 4.7 15.6 †	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9 17.0 †	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 22.3.7 26.7 71.1 19.4 5.2 18.1 0.1 2.3	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9% 0.9% 3.7% 6.2% 5.1% 5.10% >100.0% 43.3%	1.0% 8.4% 0.9% 0.9% 0.7% 2.5% 0.9% 0.4% 1.2% 3.3% 0.9% 0.2% 0.8% 0.1%
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3	107.2 16.7 8.7 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0 12.0 †	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4 3.7 13.1 † 1.4 9.2	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8	148.5 18.1 10.4 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0 4.6 14.0	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 †	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7 4.7	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9 17.0 †	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 22.2 23.7 71.1 19.4 5.2 18.1 0.1 2.3 20.8	4.5% 2.7% 14.4% - 8.4% 6.0% 8.2% 12.9% 0.9% 1.3% -2.9% 3.7% 6.2% 5.1% 6.1% >10.0% 43.3% 9.8%	1.0% 8.4% 0.9% 0.9%
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3 - 1.0 4.6 2.8 6.8	107.2 16.7 8.7 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4 5.7 7.6	117.6 17.6 9.4 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0 12.0 † 1.4 7.6 8.6	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4 3.7 13.1 † 1.4 9.2 3.9 9.0	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.5 18.5 28.2 59.5 14.3 4.3 13.8 † 1.4 12.2 4.0 10.7	148.5 18.1 10.4 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0 4.6 14.0 † 1.4 14.8 4.6 13.1	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 † 1.4 13.8 5.7 14.3	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7 4.7 15.6 † 1.4 16.4 16.6 15.6	173.4 18.9 16.5 14.6 50.0 19.1 9.0 22.1 23.4 27.5 68.6 18.3 4.9 17.0 † 1.6 18.9 6.2 18.4	181.3 19.4 18.9 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7 71.1 19.4 5.2 18.1 0.1 2.3 20.8 6.8 19.0	4.5% 2.7% 14.4% 8.4% 8.2% 6.0% 8.2% 12.9% 1.3% -2.9% 3.7% 6.2% 5.1% 6.1% >100.0% 43.3% 9.8% 9.8% 3.0%	1.0% 8.4% 0.9% 0.9% 0.7% 2.5% 0.9% 1.2% 3.3% 0.1% 1.1% 1.2% 3.3% 0.2% 0.8% 0.1% 1.0%
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0 - 3.5 2.7 6.3 2.3	16.0 7.5 - 10.1 33.6 15.2 5.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3 - 1.0 4.6 2.8 6.8 6.8 2.4	107.2 16.7 8.7 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4 5.7 2.7	117.6 17.6 9.4 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0 12.0 † 1.4 7.6 3.6 8.6 2.9	127.7 18.9 9.9 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4 3.7 13.1 † 1.4 9.2 3.9 9.0 3.0	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8 + 1.4 12.2 4.0 10.7 3.4	148.5 18.1 10.4 12.9 41.4 17.6 6.8 17.4 2.4 19.1 28.7 58.6 15.0 4.6 14.0 1.4 14.8 4.6 13.1 3.8	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 1.4 13.8 5.7 14.3 4.1	163.5 19.1 12.9 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7 4.7 15.6 1.4 16.8 5.6 15.6 4.4	173.4 18.9 16.5 14.6 50.0 19.1 9.0 22.1 27.5 68.6 18.3 4.9 17.0 † 1.6 18.9 6.2 18.4 4.4	181.3 19.4 18.9 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7 71.1 19.4 5.2 18.1 0.1 2.3 20.8 6.8 19.0	4.5% 2.7% 14.4% 8.2% 6.0% 8.2% 12.9% 0.9% 5.1% 6.2% 5.1% 6.1% >100.0% 43.3% 9.8% 9.7% 0.2%	1.0% 8.4% 0.9% 0.9%
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific TOTAL WORLD	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0 - 3.5 2.7 6.3 2.3 152.0	16.0 7.5 - 10.1 33.6 15.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3 - 1.0 4.6 2.8 6.8 2.4 160.8	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4 5.7 2.7 7.6 6 2.7 7.169.7	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0 12.0 † 1.4 7.6 3.6 8.6 2.9 185.4	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 17.7 27.0 55.0 12.4 3.7 13.1 1 1.4 9.2 3.9 9.0 3.0 195.5	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8 † 1.4 12.2 4.0 10.7 3.4 212.4	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 24.1 19.1 28.7 58.6 15.0 4.6 14.0 † 1.4 14.8 4.6 13.1 3.8 221.9	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 † 1.4 13.8 5.7 14.3 4.1 227.6 2016.9	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 24.4 22.3 28.7 67.1 16.7 4.7 15.6 16.8 5.6 15.6 4.4 245.9	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9 17.0 † 1.6 18.9 6.2 18.4 4.4 261.6 2157.5	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 22.3.7 71.1 19.4 5.2 18.1 2.3 20.8 6.8 19.0 4.4 274.7 2164.3	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9% 0.9% 3.7% 6.2% 5.1% 6.2% >100.0% 43.3% 9.8% 9.7% 3.0% 0.2% 6.0%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.1% 1.1% 1.2% 0.18 1.0% 0.3% 0.9% 0.2% 0.1% 1.0% 1.0% 1.0% 1.0% 1.0%
Algeria Egypt South Africa Other Africa Total Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific TOTAL WORLD of which: European Union 15	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0 - 3.5 2.7 6.3 2.3 152.0 <b>1806.4</b> 237.8	16.0 7.5 - 10.1 33.6 15.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3 - 1.0 4.6 2.8 6.8 2.4 160.8 180.8 180.8 237.5	107.2 16.7 8.7 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4 5.7 7.6 2.7 7.7 1.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 4.0 12.0 † 1.7.6 3.6 8.6 2.9 185.4	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 † 17.7 27.0 55.0 12.4 3.7 13.1 † 1.4 9.2 3.9 9.0 3.0 19.5	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8 † 1.4 12.2 4.0 10.7 3.4 212.4 2004.0 302.5	148.5 18.1 10.4 12.9 41.4 17.6 6.8 17.4 19.1 28.7 58.6 15.0 4.6 14.0 † 1.4 14.8 4.6 13.1 3.8 221.9 1992.0 300.9	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 † 1.4 13.8 5.7 14.3 4.1 227.6 2016.9 313.5	163.5 19.1 12.9 13.1 45.1 17.8 7.5 19.3 2.4 22.3 28.7 67.1 16.7 4.7 15.6 † 1.4 16.8 5.6 15.6 4245.9 2069.2	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9 17.0 † 1.6 18.9 6.2 18.4 4.4 24.5 2157.5 338.2	181.3 19.4 18.9 15.8 54.1 20.3 9.7 24.9 2.2 23.7 26.7 71.1 19.4 5.2 18.1 0.1 2.3 20.8 19.0 4.4 274.7 2164.3 343.3	4.5% 2.7% 14.4% 8.4% 8.2% 6.0% 8.2% 12.9% 1.3% -2.9% 3.7% 6.1% 6.1% >100.0% 43.3% 9.7% 3.0% 0.2% 5.0% 1.5%	1.0% 8.4% 0.9% 0.9% 0.7% 2.5% 0.9% 0.1% 1.1% 1.2% 3.3% 0.2% 0.1% 0.1% 1.0% 0.2% 1.0% 0.2% 1.0% 0.3% 1.0% 0.9% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0
Algeria Egypt South Africa Other Africa Other Africa Australia Bangladesh China China Hong Kong SAR India Indonesia Japan Malaysia New Zealand Pakistan Philippines Singapore South Korea Taiwan Thailand Other Asia Pacific TOTAL WORLD	15.3 6.9 - 9.5 31.7 15.3 4.8 13.4 - 12.7 19.5 49.2 8.1 4.2 10.0 - 3.5 2.7 6.3 2.3 152.0	16.0 7.5 - 10.1 33.6 15.2 13.6 - 14.3 20.3 50.4 9.5 4.4 10.3 - 1.0 4.6 2.8 6.8 2.4 160.8	107.2 16.7 8.7 - 10.5 35.9 15.7 5.5 14.6 - 14.7 21.5 50.7 11.7 4.3 10.9 - 1.4 5.7 2.7 7.6 6 2.7 7.169.7	117.6 17.6 9.4 - 10.7 37.7 17.5 6.0 14.9 - 15.7 24.6 54.3 12.3 4.0 12.0 † 1.4 7.6 3.6 8.6 2.9 185.4	127.7 18.9 9.9 - 11.5 40.3 17.6 6.6 15.9 17.7 27.0 55.0 12.4 3.7 13.1 1 1.4 9.2 3.9 9.0 3.0 195.5	135.7 19.3 10.2 - 12.9 42.4 17.9 6.8 15.9 1.5 18.5 28.2 59.5 14.3 4.3 13.8 † 1.4 12.2 4.0 10.7 3.4 212.4	148.5 18.1 10.4 - 12.9 41.4 17.6 6.8 17.4 24.1 19.1 28.7 58.6 15.0 4.6 14.0 † 1.4 14.8 4.6 13.1 3.8 221.9	156.4 18.8 10.8 - 13.4 43.0 18.3 7.0 17.4 2.2 21.8 25.0 62.5 15.7 4.0 14.4 † 1.4 13.8 5.7 14.3 4.1 227.6 2016.9	163.5 19.1 12.9 - 13.1 45.1 17.8 7.5 19.3 24.4 22.3 28.7 67.1 16.7 4.7 15.6 16.8 5.6 15.6 4.4 245.9	173.4 18.9 16.5 - 14.6 50.0 19.1 9.0 22.1 2.2 23.4 27.5 68.6 18.3 4.9 17.0 † 1.6 18.9 6.2 18.4 4.4 261.6 2157.5	181.3 19.4 18.9 - 15.8 54.1 20.3 9.7 24.9 22.3.7 71.1 19.4 5.2 18.1 2.3 20.8 6.8 19.0 4.4 274.7 2164.3	4.5% 2.7% 14.4% - 8.4% 8.2% 6.0% 8.2% 12.9% 0.9% 3.7% 6.2% 5.1% 6.2% >100.0% 43.3% 9.8% 9.7% 3.0% 0.2% 6.0%	1.0% 8.4% 0.9% 0.9% - 0.7% 2.5% 0.9% 0.1% 1.1% 1.2% 0.18 1.0% 0.3% 0.9% 0.2% 0.1% 1.0% 1.0% 1.0% 1.0% 1.0%

<sup>†</sup>Less than 0.05.

\*Less than 0.05%.

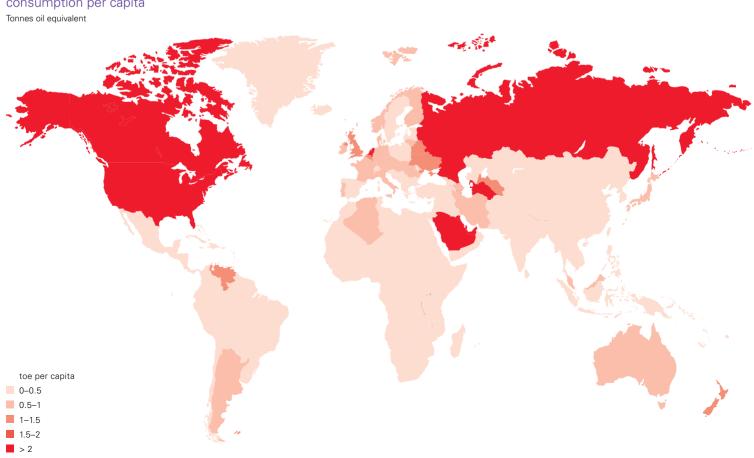
Note: The difference between these world consumption figures and the world production statistics on page 23 is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.



■ North America ■ Europe ■ Former Soviet Union ■ Asia Pacific ■ Rest of World Global gas consumption grew by a weak 0.3% in 2001, following an exceptionally strong 2000 during which consumption grew by well over 4%. Falling US demand was the main factor, with growth in most other regions remaining robust.

#### consumption per capita

0 76

## natural gas

#### trade movements 2001 - by pipeline

Billion cubic metres										— From									
Dimon cable medica	'			Argen-		Den-			Nether-			Russian Tu	ırkmen-			Indo-	Malay-	Myan-	Total
То	USA	Canada	Mexico	tina	Bolivia	mark	France G	ermany	lands	Norway	UK	Fed.	istan	Iran	Algeria	nesia	sia	mar	imports
North America																			
USA		109.02	0.65	_	-	-	_	_	_	-	-	_	-	_	-	-	_	-	109.67
Canada	4.87	_	_	_	-	-	_	_	_	_	-	_	-	_	-	-	_	-	4.87
Mexico	4.28	_	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_	_	4.28
S. & C. America																			
Brazil	_	_	_	0.50	2.50	_	_	_	_	_	_	_	-	_	_	_	_	_	3.00
Chile	_	_	_	4.60	-	_	_	_	_	_	_	_	-	_	_	_	_	_	4.60
Uruguay	_	_	_	0.07	-	_	_	_	_	_	_	_	-	_	_	_	_	_	0.07
Europe																			
Austria	_	_	_	_	_	-	_	0.32	_	0.50	_	5.22	_	_	_	_	_	_	6.04
Belgium	_	_	_	_	_	_	_	0.19	7.60	5.12	0.31	_	_	_	_	_	_	_	13.22
Bulgaria	_	_	_	_	_	_	_	_	_	_	_	2.90	_	_	_	_	_	_	2.90
Croatia	_	_	_	_	_	_	_	_	_	_	_	1.08	_	_	_	_	_	_	1.08
Czech Republic	_	_	_	_	_	_	_	_	_	1.70	_	7.50	_	_	_	_	_	_	9.20
Finland	_	_	_	_	_	_	_	_	_	_	_	4.54	_	_	_	_	_	_	4.54
France	_	_	_	_	_	_	_	_	5.80	12.87	1.29	11.18	_	_	_	_	_	_	31.14
Germany	_	_	_	_	_	2.20	_	_	20.20	19.89	3.26	33.20	_	_	_	_	_	_	78.75
Greece	_	_	_	_	_		_	_		-	0.20	1.48	_	_	_	_	_	_	1.48
Hungary	_	_	_	_	_	_	0.90	1.12	_	_	_	7.95	_	_	_	_	_	_	9.97
Ireland	_	_	_	_	_	_	0.00	1.12	_	_	3.42	7.00	_	_	_	_	_	_	3.42
Italy					_			_	7.10	1.10	J.42 -	19.50	_	_	21.85			_	49.55
Luxembourg								0.40	0.40	1.10	_	15.50	_		21.00	_		_	0.80
Netherlands	_	_	_	_	_	_	_	0.40	0.40	5.50	7.50	0.13	_	_	_	_	_	_	13.13
Poland	_	_	_	_	_	_	_	0.50	_	0.40	7.50	7.50	_	_	_	_	_	_	8.40
Portugal	_	_	_	_	_	_	_	0.50	_	0.40	_	7.50	_	_	2.20	_	_	_	2.20
Romania	_	_	_	_	_	_	_	0.20	_	_	_	2.80	-	_	2.20	_	_	_	3.00
Slovakia	_	_	_	_	-	_	_	0.20	_	_	_	7.90	-	_	_	_	_		7.90
Slovakia	_	_	_	_	-	_	_	_	_	_	_	0.68	-	_	0.36	_	_	-	1.04
	_	_	_	_	-	_	_	_	_	1.22	_	0.00	-		6.54	_	_	-	
Spain	_	_	_	_	-	0.00	_	_	_	1.22	_	_	-	-	0.54	_	_	-	7.76
Sweden	_	_	_	_	-	0.90	- 0.00	1 75	- 0.00	_	_	0.40	-	_	-	_	_	-	0.90
Switzerland	_	_	-	_	-	_	0.30	1.75	0.60	_	-	0.40	-	0.11	-	_	_	_	3.05
Turkey	_	_	-	_	-	_	_	_	0.50	- 0.00	-	10.93	-	0.11	-	_	_	_	11.04
United Kingdom	_	_	_	_	-	_	_	_	0.50	2.20	_	- 4.03	-	-	-	_	_	_	2.70
Others	_	_	_	_	-	_	_	_	_	_	_	1.97	-	_	_	_	_	_	1.97
Middle East																			
Iran	_	_		-	-	_	_	_	_	_	_	-	4.20	-	_	_	_	-	4.20
Africa																			
Tunisia	-	_	_	_	_	_	_	_	_	_	_	-	-	_	1.20	_	_	_	1.20
Asia Pacific																			
Singapore	-	_	_	_	-	-	_	_	_	_	-	_	-	_	-	1.00	1.50	_	2.50
Thailand	_	_	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_	1.75	1.75
TOTAL EXPORTS	9.15	109.02	0.65	5.17	2.50	3.10	1.20	4.48	42.20	50.50	15.78	126.86	4.20	0.11	32.15	1.00	1.50	1.75	411.32

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

Source: Cedigaz.

#### trade movements 2001 - LNG\*

Billion cubic metres							—— Б	rom —						
	'	Trinidad												Total
То	USA	& Tobago	Oman	Qatar	UAE	Algeria	Libya	Nigeria	Australia	Brunei	Indonesia	Malaysia	Taiwan	imports
North America														
USA	_	2.62	0.34	0.64	-	1.84	_	1.08	0.07	_	_	_	_	6.59
S. & C. America														
Puerto Rico	_	0.58	0.05	_	-	_	_	_	_	_	_	_	_	0.63
Europe														
Belgium	_	-	-	_	-	2.32	_	0.08	_	_	_	-	_	2.40
France	_	-	_	0.15	_	9.80	_	0.50	_	_	_	_	_	10.45
Greece	_	-	_	_	_	0.50	_	_	_	_	_	_	_	0.50
Italy	_	-	_	_	_	2.25	_	3.00	_	_	_	_	_	5.25
Portugal	_	-	_	_	_	_	_	0.26	_	_	_	_	_	0.26
Spain	_	0.45	0.91	0.78	0.02	5.20	0.77	1.71	_	_	_	_	_	9.84
Turkey	_	_	_	_	_	3.63	_	1.20	_	_	_	_	_	4.83
Asia Pacific														
Japan	1.79	_	0.83	8.30	6.89	_	_	_	10.05	8.20	22.74	15.27	_	74.07
South Korea	_	_	5.30	6.67	0.17	_	_	_	0.08	0.80	5.36	3.04	0.41	21.83
Taiwan	_	_	_	_	_	_	_	_	_	_	3.70	2.60	_	6.30
TOTAL EXPORTS	1.79	3.65	7.43	16.54	7.08	25.54	0.77	7.83	10.20	9.00	31.80	20.91	0.41	142.95

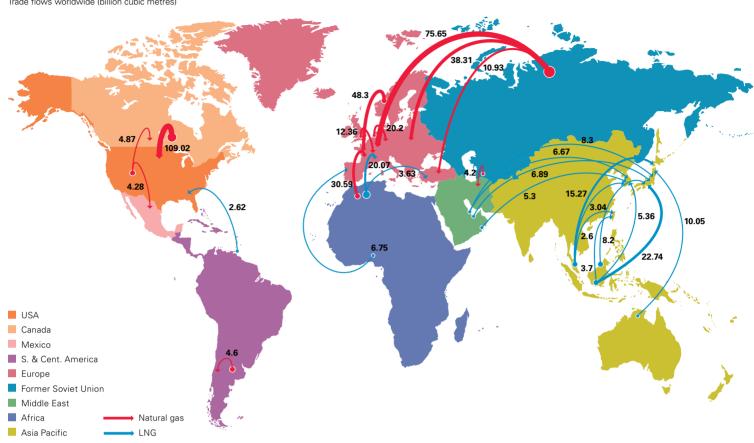
\*Liquefied Natural Gas.

Source: Cedigaz.

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

#### major trade movements





prices	LNG		Natu		Crude oil	
US dollars per million Btu	Japan cif	European Union cif	UK (Heren NBP index)†	USA Henry Hub‡	Canada (Alberta)‡	OECD countries cif
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	1.05	3.82
1991	3.99	3.18	_	1.49	0.89	3.33
1992	3.62	2.76	_	1.77	0.98	3.19
1993	3.52	2.53	_	2.12	1.69	2.82
1994	3.18	2.24	_	1.92	1.45	2.70
1995	3.46	2.37	_	1.69	0.89	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	1.8	1.64	2.27	2.00	2.98
2000	4.72	3.25	2.68	4.23	3.75	4.83
2001	4.64	4.19	3.22	4.07	3.61	4.06

†Source: PH Energy. ‡Source: Natural Gas Week. **Note:** cif = cost+insurance+freight (average prices).

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### coa

proved reserves at end of 2001	Anthracite and	Sub- bituminous		Share	
Million tonnes	bituminous	and Lignite	Total	of total	R/P ratio
USA	115891	134103	249994	25.4%	246
Canada	3471	3107	6578	0.7%	93
Mexico	860	351	1211	0.1%	101
Total North America	120222	137561	257783	26.2%	234
Brazil	_	11929	11929	1.2%	*
Colombia	6267	381	6648	0.7%	157
Venezuela	479	_	479	•	59
Other S. & Cent. America	992	1704	2696	0.3%	*
Total S. & Cent. America	7738	14014	21752	2.2%	381
Bulgaria	13	2698	2711	0.3%	96
Czech Republic	2114	3564	5678	0.6%	86
France	22	14	36	•	15
Germany	23000	43000	66000	6.7%	326
Greece	_	2874	2874	0.3%	43
Hungary	_	1097	1097	0.1%	80
Poland	20300	1860	22160	2.3%	136
Romania	1	1456	1457	0.1%	44
Spain	200	460	660	0.1%	29
Turkey	278	3411	3689	0.4%	54
United Kingdom	1000	500	1500	0.2%	47
Other Europe	584	16949	17533	1.8%	337
Total Europe	47512	77883	125395	12.7%	167
Kazakhstan	31000	3000	34000	3.5%	431
Russian Federation	49088	107922	157010	15.9%	*
Ukraine	16274	17879	34153	3.5%	407
Other Former Soviet Union	1000	3812	4812	0.5%	*
Total Former Soviet Union	97362	132613	229975	23.4%	*
South Africa	49520	_	49520	5.0%	220
Zimbabwe	502	_	502	0.1%	101
Other Africa	5149	196	5345	0.5%	*
Middle East	1710	_	1710	0.2%	*
Total Africa & Middle East	56881	196	57077	5.8%	246
Australia	42550	39540	82090	8.3%	261
China	62200	52300	114500	11.6%	105
India	82396	2000	84396	8.6%	246
Indonesia	790	4580	5370	0.5%	58
Japan	773	_	773	0.1%	242
New Zealand	33	539	572	0.1%	141
North Korea	300	300	600	0.1%	6
Pakistan	_	2265	2265	0.2%	*
South Korea	78	_	78	•	20
Other Asia Pacific	227	1600	1827	0.2%	47
Total Asia Pacific	189347	103124	292471	29.7%	147
TOTAL WORLD	519062	465391	984453	100.0%	216
of which: OECD	211084	234686	445770	45.3%	215
Former Soviet Union	97362	132613	229975	23.4%	*
Other EMEs	210616	98092	308708	31.4%	150

<sup>\*</sup>More than 500 years.

#### 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/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.

Source of reserves data – World Energy Council.

prices		Price of US coal		
•	Marker Price	receipts at	Japan coking	Japan steam
110 1 11	(basis Northwest	steam-electric	coal import	coal import
US dollars per tonne	Europe)*	utility plants	cif price	cif price
1987	31.30	35.09	53.44	41.28
1988	39.94	33.77	55.06	42.47
1989	42.08	33.21	58.68	48.86
1990	43.48	33.57	60.54	50.81
1991	42.80	33.10	60.45	50.30
1992	38.53	32.35	57.82	48.45
1993	33.68	31.51	55.26	45.71
1994	37.18	30.88	51.77	43.66
1995	44.50	29.78	54.47	47.58
1996	41.25	29.16	56.68	49.54
1997	38.92	28.83	55.51	45.53
1998	32.00	28.31	50.76	40.51
1999	28.79	27.35	42.83	35.74
2000	35.98	26.99	39.69	34.58
2001	39.29	27.68	41.33	37.96

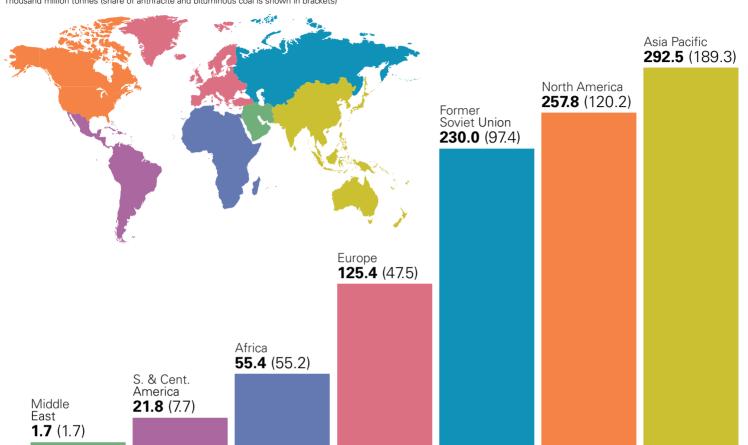
<sup>\*</sup>Source of Marker Price: McCloskey Coal Information Service.

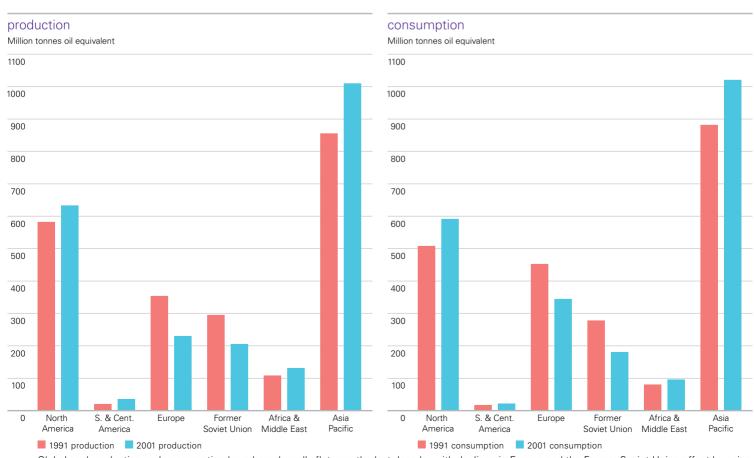
**Note:** cif = cost+insurance+freight (average prices).

Less than 0.05%.



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





Global coal production and consumption have been broadly flat over the last decade, with declines in Europe and the Former Soviet Union offset by gains in North America, Asia and the Rest of the World.

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production*	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		Change 2001 over	2001 share
Million tonnes oil equivalent											2001	2000	of total
USA	539.9	540.7	506.2	552.8	550.7	567.1	580.3	598.4	579.7	565.6	590.7	4.4%	26.3%
Canada	39.7	35.1	37.5	39.4	40.8	41.6	43.0	40.8	39.2	37.0	37.6	1.6%	1.7%
Mexico	3.1	2.9	3.1	4.3	4.1	4.6	4.5	4.8	4.9	5.4	5.7	5.8%	0.3%
Total North America	582.7	578.7	546.8	596.5	595.6	613.3	627.8	644.0	623.8	608.0	634.0	4.3%	28.2%
Brazil	2.1	1.8	1.8	2.0	2.0	1.8	2.1	2.0	2.1	2.1	2.1	0.5%	0.1%
Colombia	13.8	15.3	14.1	14.7	16.7	19.5	21.0	19.6	21.3	24.8	27.6	11.3%	1.2%
Venezuela Other S. & Cent. America	1.8 2.0	1.8 1.5	2.9	3.2	3.2	3.1	3.9 1.1	4.7 0.4	4.8 0.5	5.7 0.6	5.9 0.6	2.8% -1.4%	0.3%
	19.7		1.2	1.4	1.3	1.2	28.1		28.7	33.2	36.2		1 00/
Total S. & Cent. America		20.4	20.0	21.3	23.2	25.6		26.7		4.5	4.7	8.9%	1.6%
Bulgaria	4.8	31.4	4.9		5.2	5.2 27.0	4.9	5.0	4.3		4.7 25.8	3.9%	0.2%
Czech Republic	33.9 7.4		30.8	28.1	27.3 5.1	5.0	27.9	26.0	23.1 3.1	25.2 2.1	25.8 1.5	2.3%	1.1%
France	102.0	6.8 93.3	6.3 83.7	5.4 77.8		70.0	4.1 66.9	3.4 61.3	59.4	56.7	54.2	-32.4% -4.3%	0.1% 2.4%
Germany					74.6					8.5	9.0		
Greece	6.9 3.9	7.0 3.6	7.2 2.8	7.4 2.9	7.5 2.6	7.2 3.2	7.7 3.3	8.1 3.0	8.2 3.0	2.9	2.8	6.3% -2.1%	0.4% 0.1%
Hungary	90.7	3.6 89.2	2.8 89.2	89.3	91.1	94.5	92.1	79.6	77.1	72.0	2.8 72.5	0.7%	3.2%
Poland	7.4	8.5			9.3	94.5	7.4	5.7		6.4	72.5	13.4%	0.3%
Romania		11.4	8.9	9.1				9.3	5.1	8.2	7.3 8.0	-3.2%	0.3%
Spain	11.2 11.8	12.1	11.0 11.7	10.6	10.2	10.0	9.8 13.1		8.6 13.3		12.9	-3.2 % -0.1 %	0.4%
Turkey	55.8	50.0	40.3	12.1 28.3	12.1 31.8	12.3 30.2	29.4	13.9 25.0	22.5	13.0 19.0	19.6	3.1%	0.6%
United Kingdom	17.9	16.6	15.3	12.2	12.9	12.3	13.7	14.2	11.0	11.9	12.1	1.3%	0.5%
Other Europe	353.7	335.0	312.1	288.0	289.7	286.5	280.3	254.5	238.7	230.4	230.4	1.3%	10.2%
Total Europe Kazakhstan	66.9	65.0	57.3	53.5	42.6	39.3	37.3	36.0	30.0	38.5	40.6	5.4%	1.8%
Russian Federation	154.8	148.4	135.1	121.2	118.5	114.4	109.3	103.9	112.0	115.8	120.8	4.3%	5.4%
Ukraine	69.1	68.4	59.4	48.5	44.2	39.1	39.8	39.9	42.8	42.1	43.6	3.5%	1.9%
Other Former Soviet Union	3.7	2.5	2.0	1.6	1.2	1.1	1.1	1.1	1.1	0.9	1.0	9.2%	1.570
Total Former Soviet Union	294.5	284.3	253.8	224.8	206.5	193.9	187.5	180.9	185.9	197.3	206.0	4.4%	9.2%
Total Middle East	0.6	0.6	0.6	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.5	-18.0%	9.270
South Africa	102.2	100.0	103.5	111.1	116.9	116.9	124.6	127.1	125.6	126.5	126.7	0.1%	5.6%
Zimbabwe	3.6	3.6	3.4	3.5	3.6	3.3	3.4	3.5	3.2	2.8	3.2	13.2%	0.1%
Other Africa	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.4	1.3	1.2	1.1	-2.1%	0.1%
Total Africa	107.2	105.0	108.2	116.0	121.9	121.5	129.2	132.0	130.1	130.5	131.0	0.4%	5.8%
Australia	113.3	119.6	121.4	122.5	121.5	133.9	147.8	151.3	155.8	153.3	168.1	9.7%	7.5%
China	545.1	559.9	580.7	619.4	650.9	691.5	665.5	619.7	523.9	501.8	548.5	9.3%	24.4%
India	112.6	119.2	123.5	126.9	135.2	145.7	149.6	150.3	147.4	157.0	161.1	2.6%	7.2%
Indonesia	8.5	13.8	17.0	20.2	25.7	31.0	33.7	38.3	45.3	47.4	56.9	20.2%	2.5%
Japan	4.4	4.2	4.0	3.8	3.4	3.6	2.4	2.0	2.2	1.7	1.8	2.2%	0.1%
New Zealand	1.5	1.7	1.8	1.8	2.1	2.2	2.0	2.0	2.2	2.2	2.5	15.7%	0.1%
Pakistan	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.4	1.5	2.5%	0.1%
South Korea	6.8	5.4	4.2	3.3	2.6	2.2	2.0	2.0	1.9	1.9	1.7	-8.0%	0.1%
Other Asia Pacific	62.6	64.2	66.7	66.2	66.4	67.5	68.5	65.0	64.2	66.2	68.1	2.8%	3.0%
Total Asia Pacific	856.1	889.3	920.7	965.5	1016.2	1079.1	1072.9	1032.1	944.4	932.9	1010.2	8.3%	44.9%
TOTAL WORLD	2214.5	2213.3	2162.2	2212.9	2253.8	2320.6	2326.4	2270.8	2152.3	2132.9	2248.3	5.4%	100.0%
of which: OECD	1035.0	1016.6	963.2	991.1	995.9	1015.6	1038.1	1032.5	1005.7	976.4	1016.8	4.1%	45.2%
Former Soviet Union	294.5	284.3	253.8	224.8	206.5	193.9	187.5	180.9	185.9	197.3	206.0	4.4%	9.2%
Other EMEs	884.8	912.5	945.4	997.3	1051.6	1111.0	1100.9	1057.4	960.5	959.2	1025.4	6.9%	45.6%
												2.2.70	

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

\*Less than 0.05%.

**Note:** 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 <a href="https://www.bp.com/centres/energy/">www.bp.com/centres/energy/</a>

consumption*												Change 2001 over	2001 share
Million tonnes oil equivalent	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA	478.8	482.7	498.1	502.3	504.7	528.2	540.9	546.0	546.3	565.3	555.7	-1.7%	24.6%
Canada	25.5	26.2	23.7	24.5	25.2	25.7	26.8	28.1	27.8	29.4	28.9	-1.6%	1.3%
Mexico Total North America	3.3 507.6	3.4 512.3	3.8 525.6	4.5 531.3	5.0 534.9	5.7 559.6	5.7 573.4	5.9 580.0	6.0 580.1	6.2	6.3 590.9	2.4%	0.3% 26.2%
Argentina	0.8	0.8	0.7	1.2	0.9	0.9	0.8	0.7	0.7	0.7	0.7	-3.4%	20.270
Brazil	10.2	9.9	10.2	10.2	10.7	11.2	11.4	11.2	11.7	12.8	14.0	9.6%	0.6%
Chile	2.0	1.8	1.8	2.2	2.4	3.2	4.2	3.7	3.5	3.9	4.0	2.1%	0.2%
Colombia Ecuador	3.7	3.6	3.7	3.6	3.4	3.2	3.1	2.8	2.1	2.2	2.4	8.6%	0.1%
Peru	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	7.6%	•
Venezuela	-	†	†	0.1	†	†	†	†	0.1	†	t	-	•
Other S. & Cent. America	0.4	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.5	0.6	0.7	18.0%	•
Total S. & Cent. America	17.4 3.6	16.9 2.8	17.3 2.4	18.1 2.5	18.2	19.3	20.3	19.3	19.1 3.2	20.7	22.4 2.7	7.8% -16.3%	1.0% 0.1%
Austria Belgium & Luxembourg	10.8	10.2	8.7	8.5	9.8	7.6	3.1 7.5	7.9	6.9	7.6	7.1	-10.3 % -5.9 %	0.1%
Bulgaria	7.5	7.3	8.2	7.6	7.8	8.4	7.8	8.2	6.6	6.6	6.1	-7.9%	0.3%
Czech Republic	30.4	25.4	23.7	23.2	23.5	23.6	22.8	20.5	19.0	20.7	21.3	2.8%	0.9%
Denmark 	8.4	6.7	7.2	7.8	6.6	9.0	6.7	5.6	4.7	4.0	4.2	3.9%	0.2%
Finland France	3.6 20.1	2.7 17.9	3.1 14.7	4.1 13.7	3.1 14.5	4.0 15.4	4.5 13.4	3.4 16.1	3.6 14.3	3.5 13.8	3.9 10.9	10.6% -20.9%	0.2% 0.5%
Germany	113.3	104.4	97.9	95.6	90.6	89.9	86.8	84.8	80.2	84.9	84.4	-0.6%	3.7%
Greece	7.8	8.4	7.9	8.4	8.2	7.8	7.6	8.8	9.1	9.2	9.5	3.1%	0.4%
Hungary	5.8	4.6	4.0	3.6	3.6	3.7	3.7	3.4	3.4	3.2	3.1	-3.1%	0.1%
celand	0.1	†	†	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1%	•
Republic of Ireland	2.2	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.6	2.0	2.1	5.0%	0.1%
taly Netherlands	13.7 8.2	12.4 7.7	10.0 8.2	10.7 9.0	12.5 9.8	11.2 9.3	11.0 9.5	11.6 9.4	11.6 7.7	13.0 8.6	13.9 8.4	6.9% -1.9%	0.6% 0.4%
Vernenanus Vorway	0.4	0.4	0.5	0.6	0.7	0.6	0.6	0.7	0.7	0.7		-11.2%	0.4 /0
Poland	77.6	73.0	74.0	72.3	71.7	73.2	70.1	63.8	61.0	57.6	57.5	-0.2%	2.5%
Portugal	3.0	3.0	3.3	3.4	4.2	3.9	3.6	3.6	3.6	3.6	3.6	-2.3%	0.2%
Romania	9.6	10.3	9.5	9.4	9.7	9.5	8.4	7.0	6.7	7.0	7.7	8.8%	0.3%
Slovakia	6.3	6.2	5.6	5.0	5.1	5.0	4.7	4.5	4.3	4.0	4.1	1.7%	0.2%
Spain Sweden	18.8 2.4	19.1 2.2	18.2 2.1	18.0 2.1	18.5 2.1	15.5 2.4	17.7 2.1	17.7 2.0	20.5 2.0	21.6 1.9	19.5 2.0	-10.0% 4.4%	0.9% 0.1%
Switzerland	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	-1.7%	0.170
Turkey	16.8	19.0	18.7	17.6	17.5	20.7	22.3	22.5	20.8	22.3	20.4	-8.5%	0.9%
United Kingdom	65.1	61.2	53.3	49.7	47.5	44.4	39.6	39.7	35.6	36.9	40.3	9.0%	1.8%
Other Europe	17.3	16.6	14.7	11.8	12.1	11.6	12.2	13.6	11.0	11.8	10.6	-9.8%	0.5%
<b>Total Europe</b> Azerbaijan	453.1 0.1	423.7	397.9	386.8	383.7	381.5	367.9	359.9	338.3	347.9	344.1	-1.2%	15.3%
Belarus	1.1	0.7	0.6	0.2	0.3	0.5	0.6	0.4	0.3	0.3	0.3	_	•
Kazakhstan	38.2	39.9	36.4	34.5	27.5	25.9	22.4	22.9	19.8	23.2	24.7	6.5%	1.1%
Lithuania	0.6	0.5	†	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-6.4%	•
Russian Federation	165.6	154.7	140.8	126.4	119.4	115.7	109.7	102.8	109.4	110.4	114.6	3.9%	5.1%
Turkmenistan Ukraine	0.3 62.1	0.1 63.9	56.3	† 46.3	† 42.1	† 33.2	38.0	36.9	38.5	38.8	39.0	0.6%	1.7%
Uzbekistan	4.0	2.9	1.9	1.8	1.4	1.2	1.2	1.2	0.9	1.0	1.1	2.4%	1.7 /0
Other Former Soviet Union	5.7	2.8	2.7	2.1	1.8	2.1	2.5	1.7	1.0	0.8		-26.2%	•
Total Former Soviet Union	277.7	265.5	238.7	211.4	192.6	178.7	174.5	166.0	170.0	174.6	180.4	3.3%	8.0%
ran	1.1	1.2	1.3	1.3	1.4	1.2	0.9	1.0	1.0	1.1	8.0	-25.6%	•
Kuwait	_	_	_	_	_	_	_	_	_	_	-	_	_
Qatar Saudi Arabia	_	_	_	_	_	_	_	_	_	_	_	_	
United Arab Emirates	_	_	_	_	_	_	_	_	_	_	_	_	_
Other Middle East	2.5	3.1	3.5	3.8	4.1	5.0	5.4	5.8	5.7	6.2	7.2	15.6%	0.3%
Total Middle East	3.6	4.3	4.8	5.1	5.5	6.2	6.3	6.8	6.7	7.3	8.0	9.5%	0.4%
Algeria	0.7	0.6	0.6	0.6	0.6	0.5	0.3	0.5	0.5	0.6	0.6	5.3%	•
Egypt South Africa	0.7 70.1	0.8 67.3	0.9 69.8	1.0 73.6	0.7 77.4	0.9 81.7	0.9 84.3	0.9 83.4	0.9 82.3	0.9 81.9	0.9 80.6	-1.6%	3.6%
Other Africa	6.0	6.1	6.8	6.5	6.7	6.7	6.9	6.9	6.5	6.1	6.5	7.2%	0.3%
Total Africa	77.5	74.8	78.1	81.7	85.4	89.8	92.4	91.7	90.2	89.5	88.6	-0.9%	3.9%
Australia	37.4	39.0	36.4	38.7	41.2	43.9	45.4	45.9	45.5	47.5	47.6	0.3%	2.1%
Bangladesh	0.1	0.1	†	†	0.3	0.2	0.3	0.1	†	0.1	0.1		•
China	534.9	549.5	570.3	606.4	635.7	676.9	649.3	616.8	512.7	493.7	520.6	5.4%	23.1%
China Hong Kong SAR India	5.9 116.2	6.3 123.3	7.3 128.0	5.2 133.9	5.6 142.8	4.2 154.4	3.5 160.2	4.4 159.9	3.9 158.1	3.7 171.4	4.9 173.5	32.6% 1.2%	0.2% 7.7%
Indonesia	4.1	4.1	4.0	4.8	5.7	6.9	8.2	9.3	11.6	13.7	16.7	21.9%	0.7%
Japan	79.0	78.0	79.2	82.0	86.2	88.3	89.8	88.4	91.5	98.9	103.0	4.2%	4.6%
Malaysia	1.3	1.3	1.3	1.1	1.5	1.5	1.6	1.7	1.8	1.9	2.4	26.3%	0.1%
New Zealand	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.3	15.0%	0.1%
Pakistan Philippings	2.0 1.3	2.1 1.1	2.2 1.3	2.2 1.3	2.2 1.4	2.2 2.0	2.1 2.4	2.1 2.7	2.1 2.9	2.0 4.3	2.0 4.5	-1.9% 5.8%	0.1%
Philippines Singapore	1.3	1.1	1.3	1.3	1.4	2.0	2.4	2.7	2.9	4.3	4.5	5.8%	0.2%
South Korea	24.5	23.6	25.9	26.7	28.1	32.2	34.8	36.1	38.2	43.0	45.7	6.2%	2.0%
Taiwan	12.2	14.3	15.6	16.6	17.1	19.4	21.9	23.8	24.9	28.9	30.9	6.9%	1.4%
		4.8	5.4	6.1	7.1	8.7	8.7	7.3	7.9	7.8	8.8	12.7%	0.4%
Thailand	4.5			E0.7	58.9	58.7	59.3	56.5	55.8	57.9	58.7	1 10/	2.6%
Thailand Other Asia Pacific	56.5	57.3	59.1	58.7								1.4%	
Thailand Other Asia Pacific <b>Total Asia Pacific</b>	56.5 881.1	906.1	937.2	984.9	1035.0	1100.7	1088.7	1056.1	958.1	975.9	1020.7	4.6%	45.3%
Thailand Other Asia Pacific Total Asia Pacific TOTAL WORLD	56.5 881.1 <b>2218.0</b>	906.1 <b>2203.6</b>	937.2 <b>2199.6</b>	984.9 <b>2219.3</b>	1035.0 <b>2255.3</b>	1100.7 <b>2335.8</b>	1088.7 <b>2323.5</b>	1056.1 <b>2279.8</b>	958.1 <b>2162.5</b>	975.9 <b>2216.8</b>	1020.7 2255.1	4.6% <b>1.7%</b>	45.3% <b>100.0%</b>
Thailand Other Asia Pacific <b>Total Asia Pacific</b>	56.5 881.1 <b>2218.0</b> 281.0	906.1 <b>2203.6</b> 260.7	937.2 <b>2199.6</b> 238.9	984.9 <b>2219.3</b> 235.4	1035.0 <b>2255.3</b> 231.7	1100.7 <b>2335.8</b> 225.0	1088.7 <b>2323.5</b> 215.1	1056.1 <b>2279.8</b> 215.5	958.1 <b>2162.5</b> 204.6	975.9 <b>2216.8</b> 213.8	1020.7	4.6% <b>1.7%</b> -0.7%	
Thailand Other Asia Pacific <b>Total Asia Pacific</b> <b>TOTAL WORLD</b> of which: European Union 15	56.5 881.1 <b>2218.0</b>	906.1 <b>2203.6</b>	937.2 <b>2199.6</b>	984.9 <b>2219.3</b>	1035.0 <b>2255.3</b>	1100.7 <b>2335.8</b>	1088.7 <b>2323.5</b>	1056.1 <b>2279.8</b>	958.1 <b>2162.5</b>	975.9 <b>2216.8</b>	1020.7 2255.1 212.5	4.6% <b>1.7%</b>	45.3% <b>100.0%</b> 9.4%

<sup>\*</sup>Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal. †Less than 0.05.

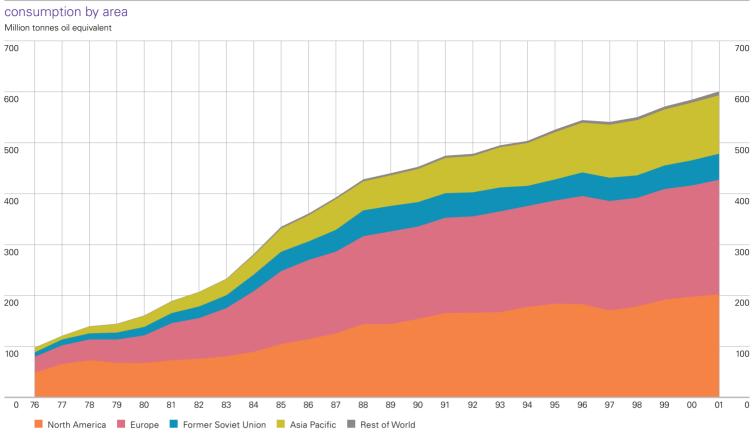
Less than 0.05%.

## nuclear energy

consumption* Million tonnes oil equivalent	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Change 2001 over 2000	2001 share of total
USA	145.9	147.4	145.4	152.6	160.4	160.7	149.8	160.5	173.5	179.6	183.2	2.0%	30.5%
Canada Mexico	19.2 1.0	18.2 0.9	21.3 1.1	24.4 1.0	22.1 1.9	21.0 1.8	18.7 2.4	16.2 2.1	16.6 2.3	16.5 1.9	17.4 2.0	5.4% 5.9%	2.9% 0.3%
Total North America	166.1	166.5	167.8	178.0	184.4	183.5	170.9	178.8	192.4	198.0	202.6	2.3%	33.7%
Argentina Brazil	1.8 0.3	1.6 0.4	1.8 0.1	1.9 †	1.6 0.6	1.7 0.5	1.8 0.7	1.7 0.7	1.6 0.9	1.4 1.3	1.6	14.2% >100.0%	0.3% 0.5%
Chile	0.5	0.4	-	_	0.0	0.5	0.7	0.7	0.9	-	J.Z	>100.0 % -	0.5%
Colombia	_	_	_	_	_	_	_	_	_	_	-	_	_
Ecuador Peru	_	_	_	_	_	_	_	_	_	_	_	_	_
Venezuela	-	_	-	-	_	_	_	_	_	_	_	_	_
Other S. & Cent. America Total S. & Cent. America	2.1	2.0	1.9	1.9	2.2	2.2	2.5	2.4	2.5	2.7	4.8	82.4%	0.8%
Austria	-	-	-	_	_	-	-	-	-	-	-	-	_
Belgium & Luxembourg Bulgaria	9.7 3.0	9.8 2.6	9.5 3.2	9.2 3.5	9.4 3.9	9.8 4.1	10.7 4.0	10.5 3.8	11.1 3.6	10.9 4.5	10.7 4.5	-2.1% 0.3%	1.8% 0.7%
Czech Republic	2.7	2.8	2.9	2.9	2.8	2.9	2.8	3.0	3.0	3.1	3.3	8.5%	0.6%
Denmark Finland	4.4	4.3	- 4.5	4.4	4.3	4.4	4.8	5.0	5.3	5.1	5.2	1.4%	0.9%
France	75.0	76.6	83.3	81.5	85.4	89.9	89.5	87.8	89.2	94.0	94.9	1.0%	15.8%
Germany Greece	33.4	35.9	34.7	34.2	34.9	36.6	38.5	36.6	38.5	38.4	38.7	0.9%	6.4%
Hungary	3.1	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	-0.4%	0.5%
Iceland Republic of Ireland	-	_	_	_	_	_	_	_	_	_	_	-	-
Republic of Ireland Italy	_	_	_	_	_	_	_	_	_	_	_	_	_
Netherlands	0.8	0.9	0.9	0.9	0.9	0.9	0.5	0.9	0.9	0.9	0.9	1.2%	0.1%
Norway Poland	_	_	_	_	_	_	_	_	_	_	_	_	_
Portugal	-	_	-	-	-	_	_	_	-	_	-	-	-
Romania Slovakia	2.6	2.5	2.7	2.7	2.6	0.3 2.6	1.2 2.4	1.2 2.6	1.2 3.0	1.2 3.7	1.2 3.9	-0.2% 3.3%	0.2% 0.6%
Spain	12.6	12.6	12.7	12.5	12.5	12.7	12.5	13.4	13.3	14.1	14.4	2.3%	2.4%
Sweden Switzerland	17.4 5.2	14.4 5.3	13.9 5.3	16.6 5.5	15.8 5.6	16.6 5.7	15.8 5.8	15.9 5.8	16.6 5.6	13.0 6.0	16.4 6.1	26.4% 1.4%	2.7% 1.0%
Turkey	_	_	_	_	_	_	_	_	_	_	-	_	_
United Kingdom Other Europe	16.0 1.1	17.4 0.9	20.2 0.9	20.0 1.0	20.1 1.1	21.4 1.0	22.2 1.1	22.5 1.1	21.5 1.1	19.3 1.1	20.4 1.2	5.9% 10.5%	3.4% 0.2%
Total Europe	187.0	189.2	197.8	198.1	202.5	212.1	215.0	213.3	217.1	218.5	225.0	3.0%	37.4%
Azerbaijan Belarus	_ _	_	_	_	_	_	_	_	-	_	-	-	_
Kazakhstan	0.1	0.1	0.1	0.1	†	†	0.1	- †	_	_	_	_	_
Lithuania	3.8	3.3	2.8	1.7	2.7	3.2	2.7	3.1	2.2	1.9	2.6	35.0%	0.4%
Russian Federation Turkmenistan	27.2	27.1 –	27.0 –	22.1	22.5	24.7	24.5	23.6	27.1	29.5 –	30.9	4.6%	5.1%
Ukraine	17.0	16.7	17.0	15.6	16.0	18.0	18.0	17.0	16.3	17.5	17.2	-1.7%	2.9%
Uzbekistan Other Former Soviet Union	_	_	_	_	0.1	0.5	0.4	0.4	0.5	0.4	0.5	8.2%	0.1%
Total Former Soviet Union	48.1	47.2	46.9	39.5	41.3	46.4	45.7	44.1	46.1	49.3	51.2	3.6%	8.5%
Iran Kuwait	_	_	_	_	_	_	_	_	_	_	_	_	_
Qatar	_	-	-	-	_	_	_	-	_	_	_	_	_
Saudi Arabia United Arab Emirates	_	_	_	_	_	_	_	_	_	_	_	_	_
Other Middle East	-	_	-	_	_	_	_	_	_	_	-	-	-
Total Middle East Algeria	-	-	-	_	_	-	_	-	_	_	_	_	_
Egypt	_	_	_	_	_	_	_	_	_	_	_	_	_
South Africa Other Africa	2.2	2.2	1.7	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	-17.6%	0.4%
Total Africa	2.2	2.2	1.7	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	-17.6%	0.4%
Australia Bangladesh	_	_	_ _	_	_	_	_	_	_	_	_	_	_
China	_	0.1	0.4	3.1	2.9	3.2	3.3	3.4	3.4	3.8	4.0	4.4%	0.7%
China Hong Kong SAR	- 1.0	_	_	_	_ 1 7	_	_	-	_	_	_	- 21.00/	0.70/
India Indonesia	1.2	1.4	1.4	1.1	1.7	1.9	2.3	2.6	2.9	3.6	4.4	21.9% -	0.7%
Japan	47.4	49.3	56.3	58.7	65.1	67.3	72.8	74.0	71.9	72.3	72.7	0.5%	12.1%
Malaysia New Zealand	_	_	_	_	_	_	_	_	_	_	_	_	_
Pakistan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	†	0.3	0.5	82.1%	0.1%
Philippines Singapore	_	_	_	_	_	_	_	_	_	_	_	_	_
South Korea	12.7	12.8	13.2	13.3	15.2	16.7	17.4	20.3	23.3	24.7	25.4	2.9%	4.2%
Taiwan Thailand	8.0	7.7	7.8	7.9	8.0	8.6	8.2	8.3	8.7	8.7	8.0	-7.8% -	1.3%
Other Asia Pacific	_	_	_	_	_	_	_	_	_	_	Ξ	_	
Total Asia Pacific TOTAL WORLD	69.4 <b>474.9</b>	71.4 <b>478.5</b>	79.2 <b>495.3</b>	84.2 <b>504.0</b>	93.0 <b>526.1</b>	97.8 <b>544.8</b>	104.1 <b>541.2</b>	108.7 <b>550.5</b>	110.2 <b>571.4</b>	113.4 <b>585.0</b>	115.0 601.2	1.4% <b>2.8%</b>	19.1% <b>100.0%</b>
of which: European Union 15	169.3	171.9	179.7	179.3	183.3	192.3	194.5	192.6	196.4	195.7	201.6	3.1%	33.6%
													00 001
OECD Former Soviet Union	409.1 48.1	414.3 47.2	431.0 46.9	443.6 39.5	462.2 41.3	474.2 46.4	469.8 45.7	480.3 44.1	498.8 46.1	506.7 49.3	518.8 51.2	2.4% 3.6%	86.3% 8.5%

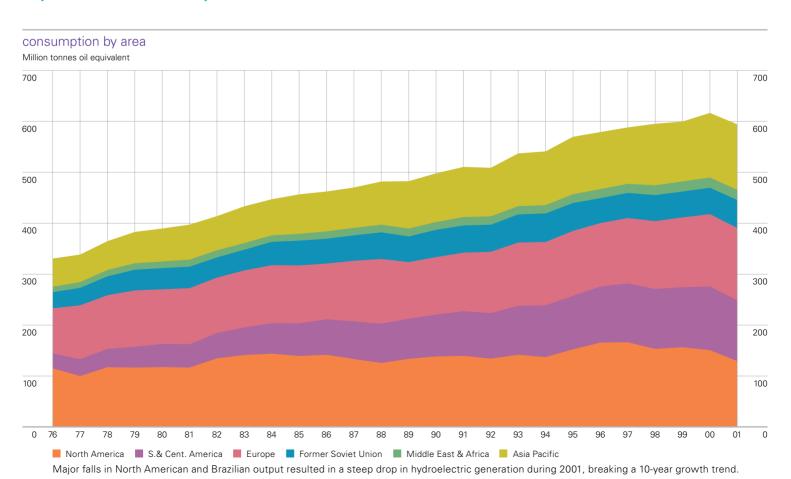
<sup>\*</sup>Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station. †Less than 0.05.

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



#### Nuclear energy maintained its record of steady growth during 2001, registering a 2.8% increase, somewhat ahead of the 10-year annual average of 2.4%.

## hydroelectricity



# hydroelectricity

consumption*												Change 2001 over	2001 share
Million tonnes oil equivalent	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	of total
USA Canada	65.1 69.8	56.9 71.6	63.2 72.8	58.7 74.2	70.5 75.9	78.7 80.2	81.1 79.4	72.9 75.1	71.6 77.8	62.4 81.0	48.3 75.0	-22.7% -7.4%	8.1% 12.6%
Mexico	5.0	6.0	6.0	4.6	6.2	7.1	6.0	5.6	7.4	7.5		-7.4 % -14.1 %	1.1%
Total North America	139.9	134.5	142.0	137.5	152.6	166.0	166.5	153.6	156.8	150.9		-14.1%	21.8%
Argentina Brazil	3.7 49.3	4.4 50.5	5.5 53.2	6.2 54.9	6.1 57.5	5.2 60.1	6.4 63.1	6.0 66.0	4.9 66.3	6.5 69.6	8.0 61.4	23.0% -11.7%	1.3% 10.3%
Chile	3.0	3.8	3.9	3.9	4.2	3.8	4.3	3.6	3.0	4.3	4.8	12.9%	0.8%
Colombia Ecuador	6.3 1.2	5.1 1.2	6.3 1.3	7.3 1.5	7.3 1.2	8.0 1.4	7.1 1.5	6.9 1.5	7.6 1.6	6.9 1.7	7.1 1.6	2.6% -9.0%	1.2% 0.3%
Peru	2.5	2.2	2.6	2.9	2.9	3.0	3.0	3.1	3.1	3.7	4.0	8.9%	0.7%
Venezuela Other S. & Cent. America	10.1	10.7	10.7 12.7	11.6	11.6	12.2 16.3	13.0	13.1	13.7	14.2 18.2	13.7	-3.9%	2.3%
Total S. & Cent. America	11.6 87.7	11.3 89.2	96.2	13.4 101.7	14.3 105.1	110.0	17.2 115.6	17.3 117.5	17.7 117.9	125.1	18.3 118.9	0.8% -4.9%	3.1%
Austria	7.4	8.2	8.6	8.4	8.7	8.1	8.4	8.8	9.4	9.9	9.8	-0.2%	1.7%
Belgium & Luxembourg Bulgaria	0.4 0.6	0.4 0.5	0.3 0.4	0.4 0.3	0.5 0.5	0.5 0.7	0.5 0.7	0.6 0.8	0.5 0.7	0.6 0.7	0.6 0.8	2.9% 6.7%	0.1% 0.1%
Czech Republic	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.6	11.5%	0.1%
Denmark Finland	† 3.0	† 3.4	† 3.1	† 2.7	† 2.9	† 2.7	† 2.7	† 3.3	† 2.9	† 3.3	† 3.0	-14.3% -8.1%	0.5%
France	13.9	16.4	15.4	18.3	17.2	15.9	15.3	14.9	17.4	16.4	18.1	10.8%	3.0%
Germany	4.2 0.7	4.8 0.5	4.9 0.6	5.1 0.7	5.5 0.9	4.9 1.0	4.7 0.9	4.8 0.9	5.3 1.1	5.9 0.9	5.8 0.5	-0.6% -45.5%	1.0%
Greece Hungary	1.7	1.5	1.6	1	1.9	†	0.9	1.9	1.1	1.9	1.5	5.0%	0.1%
Iceland	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	3.5%	0.3%
Republic of Ireland Italy	0.2 10.3	0.2 10.4	0.2 10.1	0.3 10.8	0.2 9.5	0.2 10.7	0.2 10.6	0.3 10.7	0.2 11.7	0.3 11.5	0.2 12.5	-23.5% 8.2%	2.1%
Netherlands	†	†	†	†	†	†	†	†	†	†	t	-18.8%	•
Norway Poland	25.0 0.8	26.5 0.8	27.1 0.8	25.5 0.9	27.7 0.9	23.5 0.9	25.1 0.9	26.3 1.0	27.6 1.0	32.2 0.9	27.4 1.0	-14.9% 2.5%	4.6% 0.2%
Portugal	2.1	1.1	2.0	2.4	1.9	3.4	3.0	3.0	2.9	2.9	2.9	-0.9%	0.5%
Romania Slovakia	3.2 0.4	2.6 0.5	2.9 0.9	3.0 1.0	3.8 1.2	3.6 1.0	4.0 1.0	4.3 1.0	4.1 1.1	3.3 1.1	3.4 1.1	1.0% -4.5%	0.6% 0.2%
Spain	6.4	4.7	5.8	6.5	5.5	9.4	8.5	8.8	7.0	8.3	11.6	40.5%	2.0%
Sweden	14.4	16.9	17.1	13.4	15.3	11.7	15.6	16.7	16.2	17.8	17.9	0.8%	3.0%
Switzerland Turkey	7.6 5.1	7.7 6.0	8.3 7.7	9.0 6.9	8.1 8.0	6.7 9.2	8.0 8.8	7.8 9.6	9.3 7.8	8.7 7.0	9.7 5.4	11.7% -22.3%	1.6% 0.9%
United Kingdom	1.4	1.6	1.3	1.5	1.4	1.1	1.3	1.5	1.9	1.8	1.5	-17.5%	0.2%
Other Europe Total Europe	6.6 115.0	5.9 120.5	5.3 124.2	5.8 124.3	6.3 127.6	7.8 124.6	6.4 128.4	6.6 133.4	7.1 137.1	6.8 142.2	7.1 142.4	4.1% 0.1%	1.2% 23.9%
Azerbaijan •	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.3	-15.4%	•
Belarus Kazakhstan	† 1.6	† 1.6	† 1.7	† 2.1	† 1.9	† 1.7	† 1.5	† 1.4	† 1.4	† 1.6	† 1.7	2.5%	0.3%
Lithuania	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	8.9%	0.0 70 ◆
Russian Federation Turkmenistan	38.0 0.2	39.1 0.2	39.6	39.8	40.1	34.9	35.6 –	35.9 –	36.4	37.4	39.8	6.4%	6.7%
Ukraine	2.7	1.8	2.5	2.8	2.3	2.0	2.3	3.6	2.6	2.7	3.0	11.0%	0.5%
Uzbekistan	1.4	1.4	1.7	1.6	1.4	1.5	1.3	1.3	1.3	1.0	1.3	24.2%	0.2%
Other Former Soviet Union Total Former Soviet Union	8.8 53.2	8.6 53.2	9.2 55.3	9.1 56.0	8.4 54.7	8.4 49.0	8.0 49.3	8.2 51.0	8.6 50.8	8.6 51.7	8.6 54.9	0.1% 5.7%	1.4% 9.2%
Iran	1.6	2.0	2.2	1.8	1.9	1.8	1.3	1.7	1.2	1.1	0.8	-30.4%	0.1%
Kuwait Qatar	_	_	_	_	_	_	_	_	_	_	_	_	_
Saudi Arabia	_	_	-	_	_	_	_	_	_	_	-	_	_
United Arab Emirates Other Middle East	- 0.5	- 0.7	0.6	0.8	0.9	- 1.1	- 1.1	- 1.1	- 0.7	0.8	- 0.7	-6.6%	0.1%
Total Middle East	2.1	2.7	2.8	2.6	2.8	2.9	2.4	2.8	1.9	1.9	1.5	-20.5%	0.1%
Algeria	0.2 2.3	0.1 2.3	0.3 2.4	0.1 2.5	0.2 2.6	0.1 2.7	0.1 2.7	0.2 3.1	† 3.4	† 3.2	† 3.0	33.3 % -6.5 %	0.5%
Egypt South Africa	0.9	0.5	0.3	2.5 0.6	0.4	0.8	2.7 1.1	0.9	0.8	0.9	0.8	-6.5% -7.2%	0.5%
Other Africa	11.0	10.9	10.3	10.5	11.1	11.2	11.6	12.2	13.6	14.1	14.5	2.8%	2.4%
Total Africa Australia	14.4 3.7	13.8 3.5	13.3 3.9	13.7 3.7	14.3 3.5	14.8 3.6	15.5 3.5	16.4 3.8	17.8 4.0	18.2 3.7	18.3 3.9	0.7% 4.3%	3.1% 0.7%
Bangladesh	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	5.6%	•
China China Hong Kong SAR	28.3	30.0	32.7	37.8	42.2	42.3	42.5	44.9 -	44.1 –	55.0 -	58.3 -	5.9%	9.8%
India	16.7	15.9	16.0	18.2	17.2	15.6	15.9	18.9	18.6	17.4	16.1	-7.5%	2.7%
Indonesia Japan	1.3 23.4	1.9 20.0	1.8 23.8	1.6 17.4	1.7 19.9	1.8 19.7	1.2 21.2	2.2 23.6	2.1 21.0	2.1 20.7	2.1 20.4	-1.1%	0.4% 3.4%
Malaysia	1.0	1.0	1.1	1.5	1.4	1.2	0.9	1.1	1.7	1.7	1.7	_	0.3%
New Zealand Pakistan	5.1 4.1	4.7 4.5	5.3 5.0	5.8 4.9	6.2 5.1	5.8 5.6	5.3 4.2	5.5 5.5	5.3 4.9	5.5 4.0	5.0 4.0	-10.3% -0.6%	0.8% 0.7%
Pakistan Philippines	4.1 1.2	4.5 1.0	5.0 1.1	4.9 1.3	5. I 1.4	1.6	4.2 1.4	5.5 1.1	4.9 1.8	4.0 1.8	4.0 1.6	-0.6% -9.3%	0.7%
Singapore	_	_	_	_	_	_	_ 1.2	_	_	_	-	_	_
South Korea Taiwan	1.1 1.2	1.1 1.9	1.4 1.5	0.9 2.0	1.2 2.0	1.2 2.0	1.2 2.2	1.4 2.4	1.4 2.0	1.3 2.0	0.9 2.1	-26.1% 3.4%	0.2% 0.3%
Thailand	1.0	1.0	0.8	1.0	1.5	1.7	1.6	1.2	0.8	1.4	1.4	4.6%	0.2%
Other Asia Pacific Total Asia Pacific	10.3 98.6	8.6 95.3	9.1 103.6	9.3 105.6	9.6 113.0	9.7 112.0	9.5 110.8	9.1 120.9	9.8 117.7	10.1 126.9	11.1 128.8	10.0%	1.9% 21.7%
TOTAL WORLD	510.9	509.2	537.4	541.4	570.1	579.3	588.5	595.6	600.0	616.9	594.5	-3.7%	100.0%
of which: European Union 15 OECD	64.4 277.8	68.6 275.3	69.4 292.0	70.5 280.5	69.5 300.4	69.6 308.8	71.7 315.0	74.3 309.6	76.5 313.7	79.6 313.5	84.4 291.0	6.4% -7.1%	14.2% 49.0%
Former Soviet Union	53.2	53.2	55.3	56.0	54.7	49.0	49.3	51.0	50.8	51.7	54.9	5.7%	9.2% 41.8%
Other EMEs	179.9	180.7	190.1	204.9	215.0	221.5	224.2	235.0	235.5	251.7	248.6	-1.3%	

<sup>\*</sup>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/centres/energy/

## primary energy

, ,	•												
consumption*												Change	2001
Million tonnes oil equivalent	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2001 over 2000	share of total
USA	1949.6	1976.6	2020.9	2059.9	2101.8	2172.7	2187.6	2196.0	2239.9	2287.4	2237.3	-2.2%	24.5%
Canada	246.5	253.0	256.5	265.3	266.8	275.9	277.4	269.4	274.8	284.8	274.6	-3.6%	3.0%
Mexico	104.6	106.3	107.3	114.4	111.3	116.4	120.0	125.6	126.9	131.0	127.7	-2.5%	1.4%
Total North America	2300.7	2335.9	2384.7	2439.6	2479.9	2565.0	2585.0	2591.0	2641.6	2703.2	2639.6	-2.4%	28.9%
Argentina Brazil	45.5 122.3	46.5 126.5	48.7 130.4	50.6 135.0	52.4 142.3	53.9 151.0	55.9 160.5	57.9 166.8	57.3 171.1	58.8 177.3	59.2 173.6	0.7% -2.1%	0.6% 1.9%
Chile	13.1	14.4	15.1	16.4	17.7	19.1	22.3	21.6	22.4	24.6	25.8	4.8%	0.3%
Colombia	23.3	23.0	24.7	25.7	26.4	27.7	27.9	27.3	25.0	24.9	24.8	-0.3%	0.3%
Ecuador	6.0	5.8	6.2	6.8	6.4	7.2	8.1	8.2	7.7	7.7	7.6	-0.3%	0.1%
Peru	8.5	8.4	9.1	9.9	10.7	11.0	10.8	11.3	11.4	11.7	11.7	-0.3%	0.1%
Venezuela Other S. & Cent. America	48.4 62.7	49.8 64.0	51.1 66.5	53.4 70.5	56.4 74.0	58.0 78.1	61.1 80.9	63.8 83.2	59.8 84.7	61.9 86.3	61.9 87.2	1.0%	0.7% 1.0%
Total S. & Cent. America	329.8	338.4	351.8	368.3	386.3	406.0	427.5	440.1	439.4	453.2	451.8	-0.3%	5.0%
Austria	28.1	27.7	28.2	27.9	28.5	29.1	30.3	30.9	31.6	31.5	31.6	0.4%	0.3%
Belgium & Luxembourg	56.3	56.6	54.8	54.7	56.7	59.1	60.3	63.0	64.1	66.4	63.9	-3.6%	0.7%
Bulgaria	21.5	20.3	21.7	20.8	22.3	23.3	20.7	20.7	18.0	18.9	18.2	-3.3%	0.2%
Czech Republic Denmark	45.9 19.5	40.5 17.9	39.1 19.2	39.3 20.7	41.3 20.2	43.0 24.1	41.7 21.7	39.9 20.6	38.5 19.9	39.8 18.8	41.6 18.9	4.6% 0.5%	0.5% 0.2%
Finland	23.9	23.3	23.1	24.3	23.1	24.1	25.1	25.6	25.7	26.0	26.3	1.1%	0.2 %
France	231.1	233.7	233.5	229.5	235.7	244.7	241.0	247.2	251.4	254.8	256.4	0.6%	2.8%
Germany	340.6	336.2	333.6	331.1	333.1	344.0	337.8	334.5	328.5	330.5	335.2	1.4%	3.7%
Greece	24.4	25.1	25.2	25.9	26.7	27.0	27.2	28.6	30.1	31.8	31.1	-2.1%	0.3%
Hungary	25.6 1.6	23.3 1.7	22.9 1.8	23.4 1.8	23.6 1.9	24.2	23.8	23.8	23.7 2.3	23.0 2.4	23.9 2.5	3.8% 3.0%	0.3%
Iceland Republic of Ireland	9.2	9.2	9.5	10.0	10.2	10.8	2.1 11.6	2.2 12.4	13.2	13.9	2.5 14.6	5.1%	0.2%
Italy	158.0	158.3	154.9	154.7	162.4	162.4	163.9	168.5	173.7	176.4	177.2	0.4%	1.9%
Netherlands	79.1	78.1	79.6	79.5	82.7	85.2	84.7	84.5	83.2	86.5	88.6	2.5%	1.0%
Norway	36.3	38.2	39.5	38.4	40.7	37.1	39.3	40.4	41.5	45.9	41.7	-9.2%	0.5%
Poland	101.2	95.2	97.0	96.2	96.4	100.8	98.6	94.1	91.1	88.4	87.7	-0.9%	1.0% 0.3%
Portugal Romania	16.5 50.7	17.0 48.5	17.3 47.3	17.9 45.4	19.0 48.6	19.4 48.2	20.4 45.2	22.4 41.3	24.0 36.9	23.6 37.0	23.9 38.2	1.3% 3.1%	0.3%
Slovakia	18.6	18.1	17.1	16.6	17.3	17.5	17.1	17.6	17.5	18.1	19.1	5.2%	0.2%
Spain	92.7	95.1	93.9	96.9	100.5	104.8	111.7	118.1	122.7	129.2	134.6	4.2%	1.5%
Sweden	50.3	50.5	49.9	49.8	50.1	48.8	50.4	51.6	51.6	48.6	52.6	8.4%	0.6%
Switzerland	27.8	28.3	28.1	29.4	27.9	27.1	28.9	29.1	30.1	29.4	31.4	6.9%	0.3%
Turkey United Kingdom	48.0 215.9	52.5 214.5	57.8 216.6	56.2 213.6	60.1 214.4	67.7 224.8	69.6 219.8	70.6 223.1	68.9 221.9	73.7 222.2	70.2 224.0	-4.7% 0.8%	0.8% 2.5%
Other Europe	47.9	41.7	38.8	35.3	37.0	41.1	41.6	43.4	40.7	41.0	41.1	0.3 %	0.5%
Total Europe	1770.7	1751.5	1750.4	1739.3	1780.4	1840.6	1834.5	1854.1	1850.8	1877.8	1894.5	0.9%	20.8%
Azerbaijan	22.3	19.1	16.6	15.8	16.1	12.6	11.4	12.6	12.8	11.4	12.5	9.1%	0.1%
Belarus	38.1 73.5	37.1 74.1	28.6 65.6	25.3 58.2	23.6	21.4 45.9	23.5 40.7	22.2 39.1	20.9 35.0	21.0 40.5	20.7 43.1	-1.4% 6.4%	0.2%
Kazakhstan Lithuania	17.6	11.0	8.3	7.3	51.2 8.2	9.0	8.6	9.2	7.8	7.0	8.1	16.5%	0.5% 0.1%
Russian Federation	862.2	820.8	770.4	702.8	668.1	647.2	614.3	614.2	626.4	640.3	643.0	0.4%	7.0%
Turkmenistan	14.1	13.6	11.6	12.9	11.1	12.0	12.1	12.0	12.7	13.6	14.0	2.6%	0.2%
Ukraine	248.6	218.3	184.3	157.7	147.8	141.6	138.9	133.7	133.7	132.6	131.1	-1.1%	1.4%
Uzbekistan Other Former Soviet Union	49.8 49.1	47.0 38.4	48.3 31.1	47.8 25.7	47.6 23.8	49.0 22.3	50.1 23.8	51.8 23.6	53.6 21.7	50.9 21.0	54.8 22.1	7.8% 5.1%	0.6% 0.2%
Total Former Soviet Union	1375.3	1279.4	1164.8	1053.5	997.5	961.0	923.4	918.4	924.6	938.3	949.4	1.2%	10.4%
Iran	72.2	75.7	78.3	85.2	93.3	98.5	103.7	105.2	113.4	115.0	114.3	-0.6%	1.3%
Kuwait	4.1	7.9	9.9	11.6	14.8	14.6	15.3	17.7	18.1	19.0	19.1	0.4%	0.2%
Qatar Canali Analais	7.7	12.2	13.0	13.0	13.1	13.4	14.3	14.5	13.7	14.7	15.7	7.1%	0.2%
Saudi Arabia United Arab Emirates	87.0 34.9	85.8 33.8	88.1 34.9	92.0 37.7	90.1 40.3	93.7 42.3	96.1 42.4	101.0 39.2	102.5 41.3	107.2 43.8	111.0 45.2	3.5% 3.0%	1.2% 0.5%
Other Middle East	58.4	64.8	69.3	72.9	77.6	80.3	85.2	88.0	88.8	90.6	91.9	1.4%	1.0%
Total Middle East	264.3	280.2	293.5	312.4	329.2	342.8	357.0	365.6	377.8	390.3	397.2	1.8%	4.4%
Algeria	25.3	25.9	26.6	27.0	28.1	27.9	26.5	27.7	27.8	28.0	28.8	3.0%	0.3%
Egypt	33.3	33.3	33.7	34.4	36.4	38.4	40.0	42.1	45.0	47.8	49.0	2.5%	0.5%
South Africa Other Africa	89.8 71.8	87.2 74.9	89.8 76.8	95.3 79.2	100.5 81.2	106.0 83.6	109.4 85.5	108.8 88.2	107.9 90.7	108.4 92.7	107.0 95.8	-1.3% 3.4%	1.2% 1.1%
Total Africa	220.2	221.3	226.9	235.9	246.2	255.9	261.4	266.8	271.4	276.9	280.6	1.4%	3.1%
Australia	87.2	88.5	88.6	93.9	97.5	101.3	103.6	105.0	105.4	108.1	109.9	1.7%	1.2%
Bangladesh	6.7	7.2	7.8	8.4	9.9	10.0	10.6	11.0	11.1	12.6	13.4	6.2%	0.1%
China	694.5	722.2	758.4	811.8	857.4	912.7	898.0	872.8	786.6	804.7	839.7	4.3%	9.2%
China Hong Kong SAR India	12.2 205.8	14.4 216.9	15.6 222.8	14.1 236.2	15.1 252.4	15.0 269.8	15.1 280.8	15.4 290.0	15.6 297.1	15.6 313.3	16.6 314.7	6.6% 0.5%	0.2% 3.4%
Indonesia	57.1	61.4	64.9	67.9	73.5	79.4	84.0	80.0	89.1	93.8	97.9	4.4%	1.1%
Japan	451.1	455.2	461.8	479.8	493.8	503.6	507.4	502.2	508.7	515.9	514.5	-0.3%	5.6%
Malaysia	24.2	25.9	29.6	32.3	33.1	36.0	37.7	37.4	40.5	42.3	42.1	-0.4%	0.5%
New Zealand	15.3	15.6	16.0	16.5	16.9	17.2	17.3	16.8	17.4	17.8	17.6	-1.0%	0.2%
Pakistan Philippines	27.7 13.6	29.5 15.8	31.7 16.5	33.7 17.5	36.4 19.6	38.3 21.1	37.4 22.6	39.6 22.9	40.8 22.7	42.1 22.6	43.4 22.7	3.2% 0.5%	0.5% 0.2%
Singapore	23.7	25.7	28.1	32.0	33.3	31.6	33.8	34.7	32.9	35.0	39.1	11.7%	0.2%
South Korea	101.8	114.4	125.4	135.5	148.6	163.8	179.6	165.5	180.5	191.1	195.9	2.5%	2.1%
Taiwan	51.7	55.1	57.9	62.3	65.7	68.9	72.9	77.5	81.1	85.6	85.4	-0.1%	0.9%
Thailand	33.2	36.1	40.6	45.5	52.4	58.4	61.2	58.2	59.7	62.4	63.0	1.0%	0.7%
Other Asia Pacific	80.4 1886.2	80.9 1964.8	84.3 2050.0	84.9 2172.3	86.4	88.2 2415.3	90.0	88.0	89.0	93.0	95.8 2511.7	3.0%	1.0%
Total Asia Pacific TOTAL WORLD	8147.2	<b>8171.5</b>	<b>8222.1</b>	<b>8321.3</b>	2292.0 <b>8511.5</b>	<b>8786.6</b>	2452.0 <b>8840.8</b>	2417.0 <b>8853.0</b>	2378.2 <b>8883.8</b>	2455.9 <b>9095.6</b>	9124.8	2.3% <b>0.3%</b>	27.5% <b>100.0%</b>
of which: European Union 15	1345.6	1343.2	1339.3	1336.5	1363.3	1408.7	1405.9	1431.0	1441.6	1460.2	1478.9	1.3%	16.2%
OECD	4606.7	4650.6	4719.1	4803.1	4909.2	5078.9	5119.9	5129.2	5208.8	5317.0	5274.5	-0.8%	57.8%
Former Soviet Union	1375.3	1279.4	1164.8	1053.5	997.5	961.0	923.4	918.4	924.6	938.3	949.4	1.2%	10.4%
Other EMEs	2165.2	2241.5	2338.2	2464.7	2604.8	2746.7	2797.5	2805.4	2750.4	2840.3	2900.9	2.1%	31.8%

<sup>\*</sup>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%.

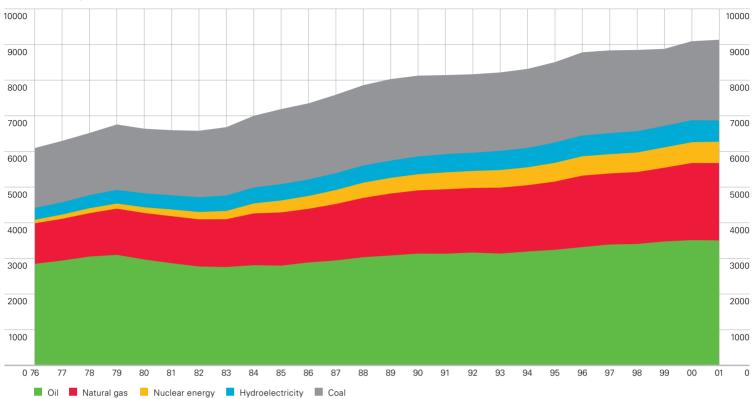
## primary energy

concumption by fuel*												
consumption by fuel*	0.1	Natural	200	Nuclear	Hydro-	T	0.1	Natural	200	Nuclear	Hydro-	
Million tonnes oil equivalent USA	0il 897.6	gas 582.4	Coal 565.3	energy 6 179.6	electricity 62.4	Total 2287.4	0il 895.6	gas 554.6	Coal 555.7	energy e	electricity 48.3	Total 2237.3
Canada	88.1	69.8	29.4	16.5	81.0	284.8	88.0	65.4	28.9	17.4	46.3 75.0	274.6
Mexico	84.1	31.4	6.2	1.9	7.5	131.0	82.7	30.4	6.3	2.0	6.4	127.7
Total North America Argentina	1069.8 20.3	683.6 29.9	600.9 0.7	198.0 1.4	150.9 6.5	2703.2 58.8	1066.3	650.4 29.9	590.9 0.7	202.6	129.7 8.0	2639.6 59.2
Brazil	20.3 85.4	8.2	12.8	1.4	69.6	177.3	85.1	9.8	14.0	3.2	61.4	173.6
Chile	11.8	4.7	3.9	_	4.3	24.6	12.0	5.0	4.0	_	4.8	25.8
Colombia Ecuador	10.5	5.3	2.2	_	6.9	24.9	9.9	5.5	2.4	_	7.1	24.8
Peru	5.8 7.3	0.1 0.3	0.5	_	1.7 3.7	7.7 11.7	5.9 6.8	0.1 0.3	0.6	_	1.6 4.0	7.6 11.7
Venezuela	22.5	25.1	†	_	14.2	61.9	22.2	26.0	†	_	13.7	61.9
Other S. & Cent. America	57.4	10.1	0.6	2.7	18.2	86.3	57.5	10.6	0.7	- 4.0	18.3	87.2
Total S. & Cent. America Austria	221.0 11.8	83.7 6.6	20.7	2.7	125.1 9.9	453.2 31.5	218.4 12.4	87.2 6.6	22.4 2.7	4.8	118.9 9.8	451.8 31.6
Belgium & Luxembourg	33.9	13.4	7.6	10.9	0.6	66.4	32.3	13.2	7.1	10.7	0.6	63.9
Bulgaria	4.5	2.6	6.6	4.5	0.7	18.9	4.6	2.3	6.1	4.5	0.8	18.2
Czech Republic Denmark	7.9 10.4	7.5 4.4	20.7 4.0	3.1	0.5	39.8 18.8	8.3 10.1	8.0 4.6	21.3 4.2	3.3	0.6	41.6 18.9
Finland	10.7	3.4	3.5	5.1	3.3	26.0	10.5	3.7	3.9	5.2	3.0	26.3
France	94.9	35.7	13.8	94.0	16.4	254.8	95.8	36.6	10.9	94.9	18.1	256.4
Germany Greece	129.8 19.9	71.5 1.7	84.9 9.2	38.4	5.9 0.9	330.5 31.8	131.6 19.4	74.6 1.8	84.4 9.5	38.7	5.8 0.5	335.2 31.1
Hungary	6.8	9.6	3.2	3.2	†	23.0	6.8	10.7	3.1	3.2	†	23.9
Iceland	0.9	_ 2.4	0.1	_	1.4	2.4	0.9	_ 2.6	0.1	_	1.5	2.5
Republic of Ireland Italy	8.2 93.5	3.4 58.4	2.0 13.0	_	0.3 11.5	13.9 176.4	8.7 92.8	3.6 58.0	2.1 13.9	_	0.2 12.5	14.6 177.2
Netherlands	41.7	35.3	8.6	0.9	†	86.5	43.9	35.3	8.4	0.9	†	88.6
Norway	9.4	3.6	0.7	_	32.2	45.9	9.7	4.0	0.6	_	27.4	41.7
Poland Portugal	20.0 14.9	10.0 2.1	57.6 3.6	_	0.9 2.9	88.4 23.6	19.0 15.2	10.2 2.3	57.5 3.6	_	1.0 2.9	87.7 23.9
Romania	10.0	15.4	7.0	1.2	3.3	37.0	10.1	15.8	7.7	1.2	3.4	38.2
Slovakia	3.4	5.8	4.0	3.7	1.1	18.1	3.4	6.7	4.1	3.9	1.1	19.1
Spain Sweden	70.0 15.2	15.2 0.7	21.6 1.9	14.1 13.0	8.3 17.8	129.2 48.6	72.7 15.6	16.4 0.7	19.5 2.0	14.4 16.4	11.6 17.9	134.6 52.6
Switzerland	12.2	2.4	0.1	6.0	8.7	29.4	13.1	2.5	0.1	6.1	9.7	31.4
Turkey	31.6	12.7	22.3	10.0	7.0	73.7	30.4	14.0	20.4	-	5.4	70.2
United Kingdom Other Europe	77.9 16.3	86.4 5.1	36.9 11.8	19.3 1.1	1.8 6.8	222.2 41.0	76.1 16.8	85.9 5.5	40.3 10.6	20.4 1.2	1.5 7.1	224.0 41.1
Total Europe	755.8	412.9	347.9	218.5	142.2	1877.8	760.2	423.0	344.1	225.0	142.4	1894.5
Azerbaijan	6.2	4.9	_	_	0.3	11.4	4.6	7.6	_	-	0.3	12.5
Belarus Kazakhstan	6.1 7.0	14.6 8.7	0.3 23.2	_	† 1.6	21.0 40.5	5.9 7.7	14.5 9.1	0.3 24.7	_	† 1.7	20.7 43.1
Lithuania	2.4	2.5	0.1	1.9	0.1	7.0	2.8	2.5	0.1	2.6	0.2	8.1
Russian Federation	123.5	339.5	110.4	29.5	37.4	640.3	122.3	335.4	114.6	30.9	39.8	643.0
Turkmenistan Ukraine	2.3 12.0	11.3 61.6	38.8	17.5	2.7	13.6 132.6	2.4 12.7	11.6 59.2	39.0	17.2	3.0	14.0 131.1
Uzbekistan	6.4	42.4	1.0	_	1.0	50.9	6.5	46.0	1.1	_	1.3	54.8
Other Former Soviet Union	4.4	6.8	0.8 174.6	0.4 49.3	8.6 51.7	21.0	4.7	7.7 493.6	0.6 180.4	0.5 51.2	8.6	22.1
Total Former Soviet Union Iran	170.3 56.1	492.3 56.7	1.1	49.5	1.1	938.3 115.0	169.6 54.2	58.5	0.8	51.2	54.9 0.8	949.4 114.3
Kuwait	10.4	8.6	_	_	_	19.0	10.5	8.6	_	_	_	19.1
Qatar Saudi Arabia	1.2 62.4	13.6 44.8	_	_	_	14.7 107.2	1.4 62.7	14.4 48.3	_	_	_	15.7 111.0
United Arab Emirates	14.2	29.6	_	_	_	43.8	14.3	30.8	_	_	_	45.2
Other Middle East	63.5	20.1	6.2	_	0.8	90.6	63.3	20.7	7.2	_	0.7	91.9
Total Middle East Algeria	207.8 8.5	173.4 18.9	7.3 0.6	_	1.9	390.3	206.4	181.3 19.4	8.0 0.6	_	1.5	397.2 28.8
Egypt	27.2	16.5	0.0	_	3.2	47.8	26.2	18.9	0.0	_	3.0	49.0
South Africa	22.5	_	81.9	3.1	0.9	108.4	23.0	_	80.6	2.6	0.8	107.0
Other Africa Total Africa	57.9 116.1	14.6 50.0	6.1 89.5	3.1	14.1 18.2	92.7 276.9	59.0 117.0	15.8 54.1	6.5 88.6	2.6	14.5 18.3	95.8 280.6
Australia	37.7	19.1	47.5	J. I –	3.7	108.1	38.1	20.3	47.6	2.0	3.9	109.9
Bangladesh	3.4	9.0	0.1	_	0.2	12.6	3.4	9.7	0.1	_	0.2	13.4
China China Hong Kong SAR	230.1 9.7	22.1 2.2	493.7 3.7	3.8	55.0 –	804.7 15.6	231.9 9.5	24.9 2.2	520.6 4.9	4.0	58.3	839.7 16.6
India	97.5	23.4	171.4	3.6	17.4	313.3	97.1	23.7	173.5	4.4	16.1	314.7
Indonesia	50.4	27.5	13.7		2.1	93.8	52.3	26.7	16.7		2.1	97.9
Japan Malaysia	255.4 20.4	68.6 18.3	98.9 1.9	72.3 –	20.7 1.7	515.9 42.3	247.2 18.6	71.1 19.4	103.0 2.4	72.7	20.4 1.7	514.5 42.1
New Zealand	6.3	4.9	1.1	_	5.5	17.8	6.2	5.2	1.3	_	5.0	17.6
Pakistan	18.8	17.0	2.0	0.3	4.0	42.1	18.9	18.1	2.0	0.5	4.0	43.4
Philippines Singapore	16.6 33.5	† 1.6	4.3	_	1.8	22.6 35.0	16.5 36.9	0.1 2.3	4.5	_	1.6	22.7 39.1
Singapore South Korea	103.2	18.9	43.0	24.7	1.3	191.1	103.1	2.3	- 45.7	25.4	0.9	195.9
Taiwan	39.8	6.2	28.9	8.7	2.0	85.6	37.7	6.8	30.9	8.0	2.1	85.4
Thailand	34.8	18.4	7.8 57.0	_	1.4	62.4	33.8	19.0	8.8	_	1.4	63.0
Other Asia Pacific Total Asia Pacific	20.6 978.2	4.4 261.6	57.9 975.9	113.4	10.1 126.9	93.0 2455.9	21.5 972.7	4.4 274.7	58.7 1020.7	115.0	11.1 128.8	95.8 2511.7
TOTAL WORLD	3519.0	2157.5	2216.8	585.0	616.9	9095.6	3510.6	2164.3	2255.1	601.2	594.5	9124.8
of which: European Union 15 OECD	632.8 2197.4	338.2	213.8	195.7	79.6	1460.2	637.1	343.3	212.5	201.6	84.4	1478.9
Former Soviet Union	170.3	1184.9 492.3	1113.9 174.6	506.7 49.3	313.5 51.7	5317.0 938.3	2189.6 169.6	1167.2 493.6	1108.2 180.4	518.8 51.2	291.0 54.9	5274.5 949.4
Other EMEs	1151.3	480.3	928.3	29.0	251.7	2840.3	1151.4	503.5	966.5	31.2	248.6	2900.9

<sup>\*</sup>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.

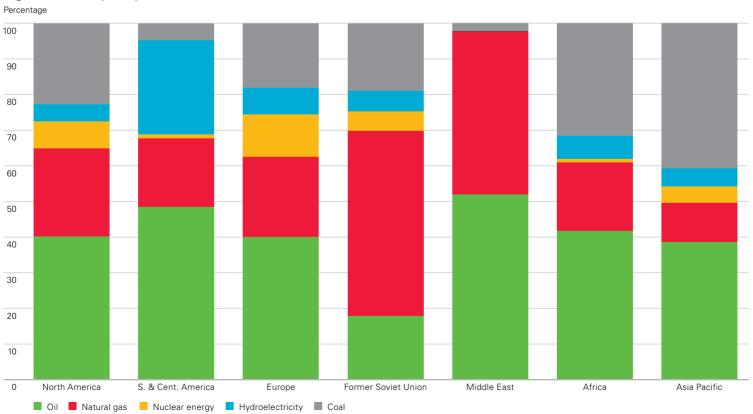




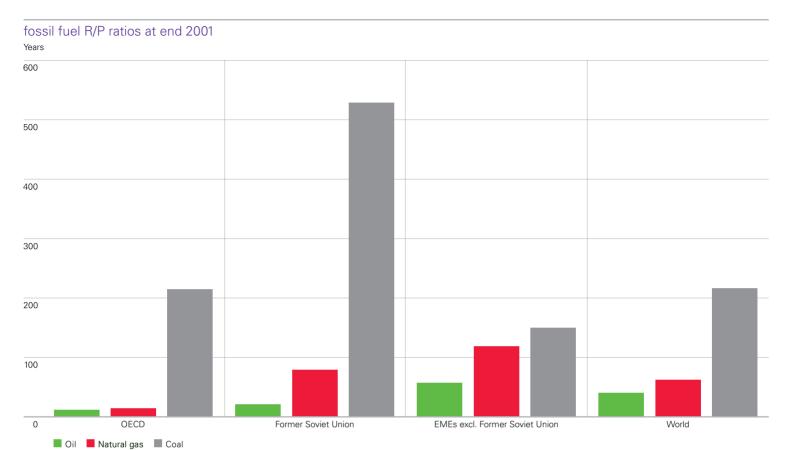


Primary energy consumption grew by less than 0.5% in 2001, marking the third year of virtually zero growth in the last four. Nuclear and coal were the fastest-growing fuels, with hydroelectricity showing a steep fall. Coal increased its share of the overall energy market for only the second time since 1985.

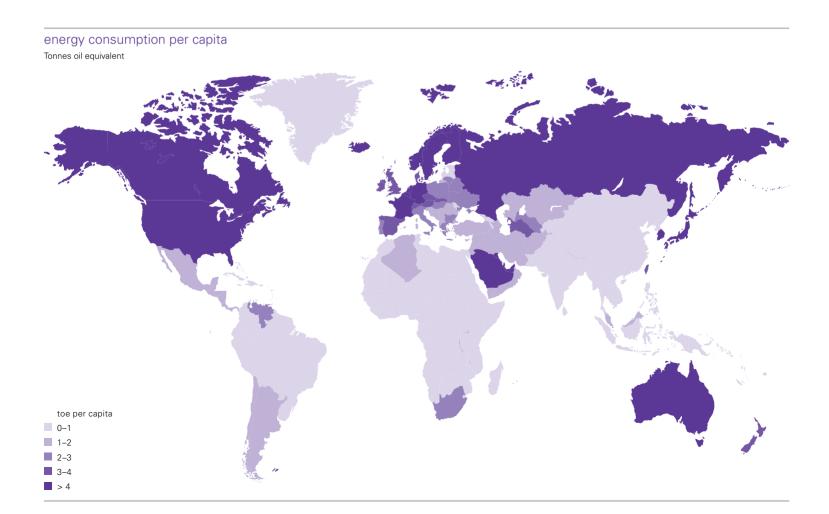
#### regional consumption pattern 2001



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 moved marginally ahead of oil during 2001.



The world's reserves-to-production ratio for coal is nearly six times that for oil and four times that for natural gas. Coal's dominance in R/P ratio terms is particularly pronounced in the OECD and the Former Soviet Union.



### appendices

#### approximate conversion factors

crude oil*	<b>To</b> 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	0.0032	0.0038	0.0238	1	_
Barrels/day	_	_	_	_	49.8

<sup>\*</sup>Based on worldwide average gravity.

products	<b>To convert</b> barrels to tonnes	tonnes to barrels	kilolitres to tonnes	tonnes to kilolitres
		Multip	ly 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

quivalent
-
6.29
0.18
7.33
8.68
0.17
1
:(

#### units

- 1 metric tonne = 2204.62 lb. = 1.1023 short tons
- 1 kilolitre = 6.2898 barrels
- 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

Electricity

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

One million tonnes of oil produces about 4000 gigawatt-hours of electricity in a modern power station.

12 megawatt-hours

table

#### 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.

#### 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.

#### 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

#### 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, United Kingdom.

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**

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Republic of Ireland, Italy, Luxembourg, Netherlands, Portugal, 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 12, 16 and 18.

Rounding differences: Because of rounding, some totals – including the 2001 share of total – may not agree exactly with the sum of their component parts.

US processing gain: In previous years we have deducted processing gain from volumetric consumption levels. From this year in order to retain consistency across regions we will no longer be deducting US processing gain.

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