



Putting energy in the spotlight

BP Statistical Review of World Energy 2005

Nuclear energy

The following data is taken from pages 34 to 35 of the printed Review.

Nuclear energy



Consumption*

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

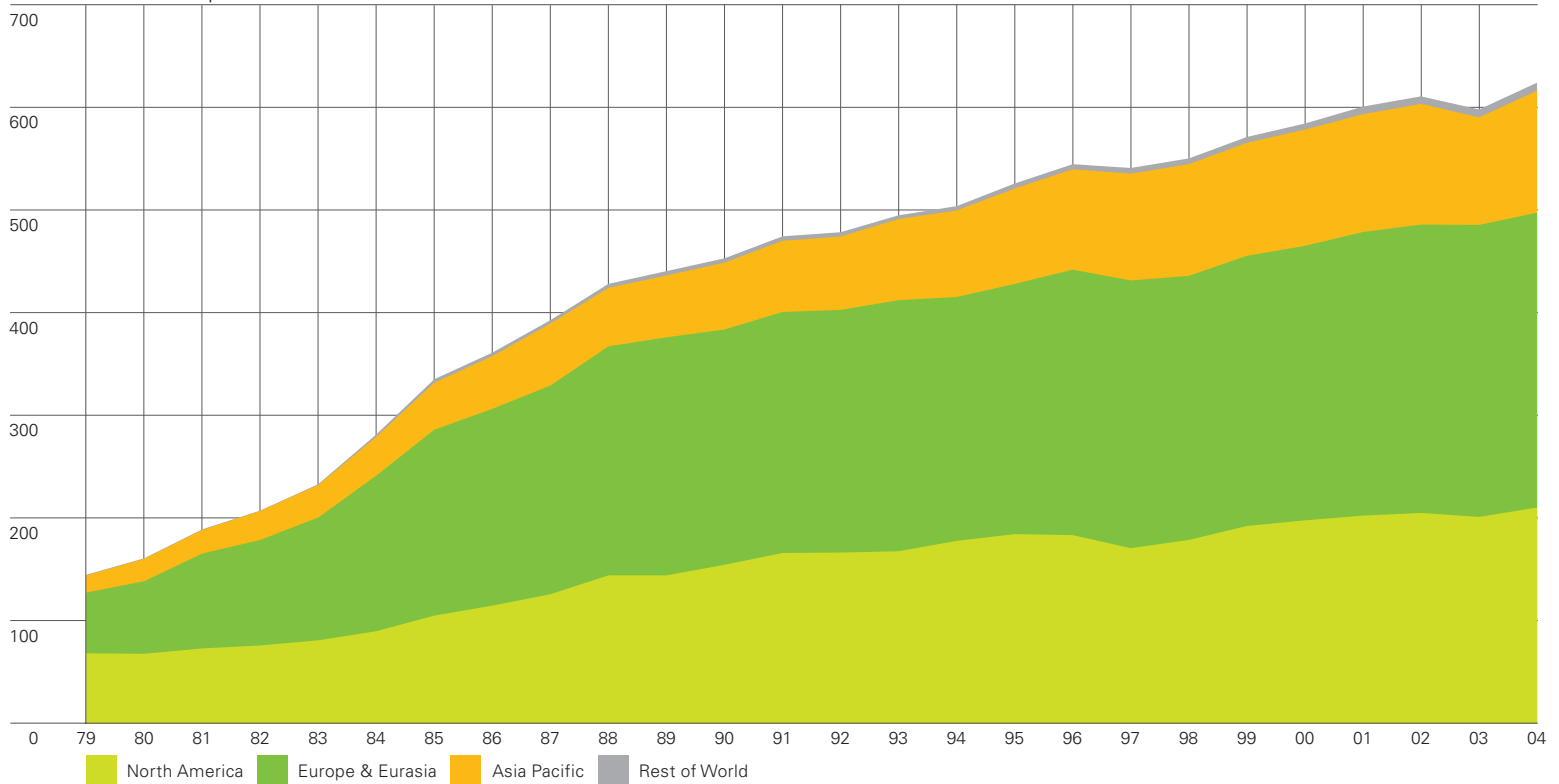
*Converted on the basis of thermal equivalence assuming 38% conversion efficiency in a modern thermal power station.

†Less than 0.05.

♦Less than 0.05%.

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

Consumption by area
 Million tonnes oil equivalent



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