

Nuclear energy

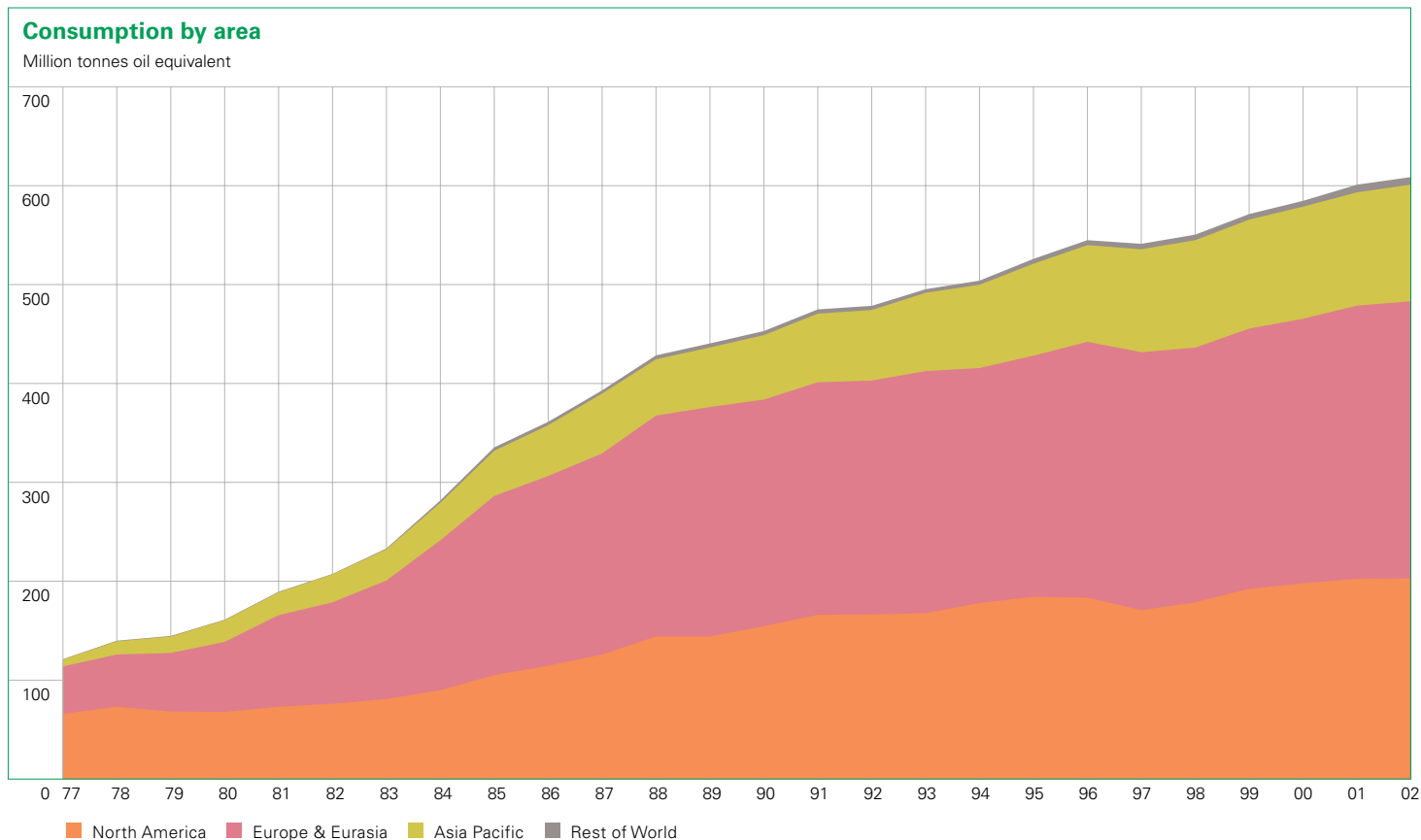
Consumption*

Million tonnes oil equivalent	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Change 2002 over 2001	2002 share of total
USA	147.4	145.4	152.6	160.4	160.7	149.8	160.5	173.5	179.6	183.2	185.8	1.5%	30.5%
Canada	18.2	21.3	24.4	22.1	21.0	18.7	16.2	16.6	16.5	17.4	17.0	-1.9%	2.8%
Mexico	0.9	1.1	1.0	1.9	1.8	2.4	2.1	2.3	1.9	2.0	2.2	11.8%	0.4%
Total North America	166.5	167.8	178.0	184.4	183.5	170.9	178.8	192.4	198.0	202.6	205.0	1.3%	33.6%
Argentina	1.6	1.8	1.9	1.6	1.7	1.8	1.7	1.6	1.4	1.6	1.3	-17.6%	0.2%
Brazil	0.4	0.1	†	0.6	0.5	0.7	0.7	0.9	1.4	3.5	3.4	-3.6%	0.6%
Chile	-	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-
Other S. & Cent. America	-	-	-	-	-	-	-	-	-	-	-	-	-
Total S. & Cent. America	2.0	1.9	1.9	2.2	2.2	2.5	2.4	2.5	2.8	5.1	4.7	-7.9%	0.8%
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-
Azerbaijan	-	-	-	-	-	-	-	-	-	-	-	-	-
Belarus	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgium & Luxembourg	9.8	9.5	9.2	9.4	9.8	10.7	10.5	11.1	10.9	10.5	9.7	-7.6%	1.6%
Bulgaria	2.6	3.2	3.5	3.9	4.1	4.0	3.8	3.6	4.1	4.1	4.6	10.9%	0.7%
Czech Republic	2.8	2.9	2.9	2.8	2.9	2.8	3.0	3.0	3.1	3.3	4.2	27.1%	0.7%
Denmark	-	-	-	-	-	-	-	-	-	-	-	-	-
Finland	4.3	4.5	4.4	4.3	4.4	4.8	5.0	5.3	5.1	5.2	5.1	-1.7%	0.8%
France	76.6	83.3	81.5	85.4	89.9	89.5	87.8	89.2	94.0	95.5	98.9	3.6%	16.2%
Germany	35.9	34.7	34.2	34.9	36.6	38.5	36.6	38.5	38.4	38.7	37.3	-3.7%	6.1%
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	-1.2%	0.5%
Iceland	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic of Ireland	-	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-	-
Kazakhstan	0.1	0.1	0.1	†	†	0.1	†	-	-	-	-	-	-
Lithuania	3.3	2.8	1.7	2.7	3.2	2.7	3.1	2.2	1.9	2.6	3.2	24.5%	0.5%
Netherlands	0.9	0.9	0.9	0.9	0.9	0.5	0.9	0.9	0.9	0.9	0.9	-1.6%	0.1%
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-
Romania	-	-	-	-	0.3	1.2	1.2	1.2	1.2	1.2	1.3	1.5%	0.2%
Russian Federation	27.1	27.0	22.1	22.5	24.7	24.5	23.6	27.1	29.5	31.0	32.0	3.4%	5.3%
Slovakia	2.5	2.7	2.7	2.6	2.6	2.4	2.6	3.0	3.7	3.9	4.1	6.1%	0.7%
Spain	12.6	12.7	12.5	12.5	12.7	12.5	13.4	13.3	14.1	14.4	14.3	-1.1%	2.3%
Sweden	14.4	13.9	16.6	15.8	16.6	15.8	15.9	16.6	13.0	16.3	15.6	-4.6%	2.6%
Switzerland	5.3	5.3	5.5	5.6	5.7	5.8	5.8	5.6	6.0	6.1	6.2	1.6%	1.0%
Turkey	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	16.7	17.0	15.6	16.0	18.0	18.0	17.0	16.3	17.5	17.2	17.7	2.4%	2.9%
United Kingdom	17.4	20.2	20.0	20.1	21.4	22.2	22.5	21.5	19.3	20.4	19.9	-2.3%	3.3%
Uzbekistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe & Eurasia	0.9	0.9	1.0	1.1	1.6	1.5	1.5	1.5	1.5	1.6	1.8	7.7%	0.3%
Total Europe & Eurasia	236.4	244.7	237.6	243.7	258.6	260.7	257.4	263.1	267.4	276.1	280.0	1.3%	45.8%
Iran	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-
South Africa	2.2	1.7	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	2.9	11.9%	0.5%
Other Africa	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Africa	2.2	1.7	2.3	2.7	2.8	3.0	3.2	3.1	3.1	2.6	2.9	11.9%	0.5%
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	-	-
China	0.1	0.4	3.1	2.9	3.2	3.3	3.4	3.4	3.8	4.0	5.9	48.3%	1.0%
China Hong Kong SAR	-	-	-	-	-	-	-	-	-	-	-	-	-
India	1.4	1.4	1.1	1.7	1.9	2.3	2.6	2.9	3.6	4.3	4.4	2.6%	0.7%
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan	49.3	56.3	58.7	65.1	67.3	72.8	74.0	71.9	72.3	72.7	71.3	-1.9%	11.7%
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	†	0.3	0.2	0.4	54.6%	0.1%
Philippines	-	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	12.8	13.2	13.3	15.2	16.7	17.4	20.3	23.3	24.7	25.4	27.0	6.2%	4.4%
Taiwan	7.7	7.8	7.9	8.0	8.6	8.2	8.3	8.7	8.7	8.0	9.0	11.5%	1.5%
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Asia Pacific	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Asia Pacific	71.4	79.2	84.2	93.0	97.8	104.1	108.7	110.2	113.4	114.6	118.0	2.8%	19.3%
TOTAL WORLD	478.5	495.3	504.0	526.0	544.9	541.2	550.5	571.3	584.7	601.0	610.6	1.5%	100.0%
of which: European Union 15	171.9	179.7	179.3	183.3	192.3	194.5	192.6	196.4	195.7	201.9	201.7	-0.2%	33.0%
OECD	414.3	431.0	443.6	462.2	474.2	469.8	480.3	498.8	506.7	519.1	522.7	0.7%	85.6%
Former Soviet Union	47.2	46.9	39.6	41.2	46.4	45.6	44.0	46.2	49.4	51.2	53.4	4.2%	8.8%
Other EMEs	17.1	17.3	21.0	22.6	24.2	25.8	26.3	26.3	28.6	30.7	34.2	11.4%	5.6%

*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 2002, registering a 1.5% increase, somewhat below the 10-year annual average of 2.5%.