

High Economic Growth Case Projections:

- **World Energy Consumption**
 - **Gross Domestic Product**
- **Carbon Dioxide Emissions**

Table B1. World Total Primary Energy Consumption by Region, High Economic Growth Case, 1990-2025
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	100.6	118.7	115.6	138.2	150.4	163.5	177.9	1.8
United States ^a	84.6	99.3	97.0	115.0	124.6	134.9	145.7	1.7
Canada	11.0	13.2	12.5	15.7	17.1	18.3	19.5	1.9
Mexico	5.0	6.2	6.0	7.5	8.7	10.3	12.7	3.2
Western Europe	59.9	66.8	68.2	73.1	77.1	80.6	84.2	0.9
United Kingdom	9.3	9.8	9.8	10.5	11.3	11.8	12.4	1.0
France	8.8	10.4	10.5	12.1	12.7	13.3	13.9	1.2
Germany	14.8	14.2	14.4	15.1	15.7	16.1	16.5	0.6
Italy	7.0	8.0	8.1	8.7	9.2	9.7	10.1	0.9
Netherlands	3.4	3.9	4.2	4.2	4.5	4.7	4.9	0.6
Other Western Europe	16.6	20.6	21.1	22.5	23.7	24.9	26.4	0.9
Industrialized Asia	22.3	27.5	27.7	31.3	33.3	35.3	38.0	1.3
Japan	17.9	21.8	21.9	24.4	25.7	26.8	28.3	1.1
Australia/New Zealand	4.4	5.7	5.8	6.9	7.7	8.5	9.7	2.1
Total Industrialized	182.8	213.0	211.5	242.6	260.8	279.4	300.0	1.5
EE/FSU								
Former Soviet Union	60.7	40.8	41.9	50.0	56.9	64.9	73.7	2.4
Russia	39.3	27.4	28.2	33.6	38.3	43.3	48.3	2.3
Other FSU	21.4	13.4	13.7	16.4	18.6	21.6	25.3	2.6
Eastern Europe	15.6	11.3	11.4	13.5	15.0	17.1	18.6	2.1
Total EE/FSU	76.3	52.2	53.3	63.5	71.9	82.0	92.3	2.3
Developing Countries								
Developing Asia	52.5	80.5	85.0	116.8	143.1	173.1	204.8	3.7
China	27.0	37.0	39.7	58.0	72.5	89.4	106.1	4.2
India	7.8	12.7	12.8	17.3	21.3	26.2	31.7	3.9
South Korea	3.8	7.9	8.1	10.7	12.3	13.9	15.7	2.8
Other Asia	13.9	23.0	24.5	30.8	37.0	43.5	51.3	3.1
Middle East	13.1	20.3	20.8	26.1	30.5	35.5	41.6	2.9
Turkey	2.0	3.0	2.9	3.9	4.6	5.3	6.2	3.2
Other Middle East	11.1	17.3	17.9	22.2	25.9	30.2	35.4	2.9
Africa	9.3	11.9	12.4	15.7	19.2	23.9	28.4	3.5
Central and South America	14.4	21.0	20.9	26.5	30.6	35.8	42.8	3.0
Brazil	6.0	9.0	8.8	10.9	12.9	15.1	18.0	3.0
Other Central/South America	8.5	12.0	12.2	15.6	17.7	20.7	24.8	3.0
Total Developing	89.3	133.8	139.2	185.0	223.3	268.3	317.7	3.5
Total World	348.4	398.9	403.9	491.1	556.1	629.7	710.0	2.4

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Energy totals include net imports of coal coke and electricity generated from biomass in the United States. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B1; and System for the Analysis of Global Energy Markets (2004).

Table B2. World Total Energy Consumption by Region and Fuel, High Economic Growth Case, 1990-2025
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America								
Oil	40.4	46.3	45.9	55.2	61.3	66.6	72.9	1.9
Natural Gas	23.1	28.8	27.6	33.8	37.3	41.3	44.0	2.0
Coal	20.7	24.5	23.9	27.7	28.8	31.2	35.7	1.7
Nuclear	6.9	8.7	8.9	9.6	9.8	10.0	9.7	0.4
Other	9.5	10.6	9.4	12.0	13.2	14.4	15.6	2.1
Total	100.6	118.7	115.6	138.2	150.4	163.5	177.9	1.8
Western Europe								
Oil	25.8	28.5	28.9	31.1	32.3	33.6	34.5	0.7
Natural Gas	9.7	14.9	15.1	17.4	20.2	22.9	25.9	2.3
Coal	12.4	8.4	8.6	8.1	7.8	7.1	7.0	-0.9
Nuclear	7.4	8.8	9.1	9.5	9.4	8.9	7.9	-0.6
Other	4.5	6.0	6.1	7.0	7.4	8.1	8.8	1.5
Total	59.9	66.8	68.2	73.1	77.1	80.6	84.2	0.9
Industrialized Asia								
Oil	12.1	13.2	13.0	14.4	14.9	15.5	16.4	1.0
Natural Gas	2.5	4.0	4.1	4.8	5.4	6.0	6.9	2.2
Coal	4.2	5.7	5.9	6.5	7.0	7.5	8.2	1.4
Nuclear	2.0	3.0	3.2	3.8	4.0	4.4	4.2	1.2
Other	1.6	1.6	1.6	1.9	2.0	2.0	2.3	1.5
Total	22.3	27.5	27.7	31.3	33.3	35.3	38.0	1.3
Total Industrialized								
Oil	78.2	88.1	87.8	100.6	108.5	115.7	123.8	1.4
Natural Gas	35.4	47.7	46.8	55.9	63.0	70.2	76.8	2.1
Coal	37.3	38.6	38.5	42.3	43.6	45.8	50.9	1.2
Nuclear	16.3	20.5	21.2	22.9	23.2	23.3	21.9	0.1
Other	15.6	18.2	17.1	20.9	22.5	24.5	26.7	1.9
Total	182.8	213.0	211.5	242.6	260.8	279.4	300.0	1.5
EE/FSU								
Oil	21.0	10.9	11.0	13.7	16.7	20.5	24.5	3.4
Natural Gas	28.8	23.3	23.8	30.3	35.4	41.4	47.5	2.9
Coal	20.8	12.2	12.4	12.2	12.1	12.2	12.2	-0.1
Nuclear	2.9	3.0	3.1	3.4	3.5	3.2	2.9	-0.3
Other	2.8	3.0	3.2	3.8	4.3	4.8	5.2	2.1
Total	76.3	52.2	53.3	63.5	71.9	82.0	92.3	2.3
Developing Countries								
Developing Asia								
Oil	16.1	30.2	30.7	44.4	54.5	66.6	79.6	4.0
Natural Gas	3.2	6.9	7.9	10.6	13.4	17.2	22.0	4.3
Coal	29.1	37.1	39.4	50.9	60.5	71.8	84.1	3.2
Nuclear	0.9	1.7	1.8	3.1	4.2	4.9	5.1	4.4
Other	3.2	4.5	5.1	7.7	10.4	12.5	14.0	4.3
Total	52.5	80.5	85.0	116.8	143.1	173.1	204.8	3.7

See notes at end of table.

Table B2. World Total Energy Consumption by Region and Fuel, High Economic Growth Case, 1990-2025
(Continued)
 (Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Developing Countries (Continued)								
Middle East								
Oil	8.0	11.0	11.1	14.8	17.2	20.2	23.5	3.2
Natural Gas	3.9	7.7	8.2	9.3	10.8	12.5	14.9	2.5
Coal	0.8	1.1	1.1	1.3	1.5	1.6	1.9	2.3
Nuclear	0.0	0.0	0.0	0.1	0.1	0.1	0.2	—
Other	0.4	0.5	0.4	0.6	0.8	1.0	1.2	4.7
Total	13.1	20.3	20.8	26.1	30.5	35.5	41.6	2.9
Africa								
Oil	4.2	5.2	5.3	7.1	9.0	12.0	14.3	4.2
Natural Gas	1.5	2.2	2.5	3.0	3.8	4.8	6.0	3.8
Coal	3.0	3.7	3.8	4.4	5.1	5.7	6.5	2.2
Nuclear	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Other	0.6	0.7	0.8	1.1	1.2	1.3	1.5	2.8
Total	9.3	11.9	12.4	15.7	19.2	23.9	28.4	3.5
Central and South America								
Oil	7.7	10.6	10.5	13.0	15.2	18.2	22.3	3.2
Natural Gas	2.2	3.6	3.8	5.1	6.5	8.2	10.6	4.4
Coal	0.6	0.9	0.8	1.1	1.2	1.4	1.6	2.9
Nuclear	0.1	0.1	0.2	0.2	0.2	0.2	0.2	-0.7
Other	3.9	5.9	5.6	7.0	7.4	7.8	8.1	1.6
Total	14.4	21.0	20.9	26.5	30.6	35.8	42.8	3.0
Total Developing Countries								
Oil	35.9	56.9	57.6	79.3	96.0	117.1	139.7	3.8
Natural Gas	10.8	20.4	22.4	28.0	34.4	42.7	53.4	3.7
Coal	33.5	42.8	45.1	57.7	68.3	80.6	94.0	3.1
Nuclear	1.1	2.0	2.2	3.5	4.7	5.4	5.7	4.1
Other	8.0	11.6	11.8	16.4	19.8	22.5	24.9	3.1
Total	89.3	133.8	139.2	185.0	223.3	268.3	317.7	3.5
Total World								
Oil	135.1	155.9	156.5	193.6	221.3	253.2	287.9	2.6
Natural Gas	75.0	91.4	93.1	114.2	132.7	154.3	177.7	2.7
Coal	91.6	93.6	95.9	112.3	124.0	138.6	157.1	2.1
Nuclear	20.3	25.5	26.4	29.8	31.4	31.8	30.4	0.6
Other	26.4	32.8	32.2	41.1	46.6	51.8	56.7	2.4
Total	348.4	398.9	403.9	491.1	556.1	629.7	710.0	2.4

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Energy totals include net imports of coal coke and electricity generated from biomass in the United States. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B1; and System for the Analysis of Global Energy Markets (2004).

Table B3. World Gross Domestic Product (GDP) by Region, High Economic Growth Case, 1990-2025
(Billion 1997 Dollars)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	7,723	10,573	10,609	14,744	17,333	20,295	23,946	3.5
United States ^a	6,839	9,370	9,394	13,109	15,377	17,946	21,088	3.4
Canada	553	737	751	1,016	1,190	1,380	1,590	3.2
Mexico	331	465	464	620	766	969	1,267	4.3
Western Europe	7,635	9,356	9,513	11,759	13,403	15,272	17,372	2.5
United Kingdom	1,153	1,461	1,492	1,926	2,238	2,585	2,980	2.9
France	1,300	1,568	1,601	1,984	2,263	2,591	2,972	2.6
Germany	1,917	2,261	2,284	2,702	3,012	3,357	3,731	2.1
Italy	1,063	1,248	1,269	1,545	1,744	1,976	2,228	2.4
Netherlands	317	423	428	514	583	665	760	2.4
Other Western Europe	1,885	2,396	2,440	3,089	3,562	4,097	4,699	2.8
Industrialized Asia	4,189	4,925	4,955	6,016	6,790	7,629	8,552	2.3
Japan	3,808	4,395	4,411	5,273	5,906	6,584	7,325	2.1
Australia/New Zealand	381	530	543	742	884	1,045	1,227	3.5
Total Industrialized	19,546	24,854	25,077	32,520	37,526	43,197	49,869	2.9
EE/FSU								
Former Soviet Union	929	597	632	1,108	1,466	1,901	2,420	5.8
Russia	668	449	471	791	1,027	1,312	1,644	5.3
Other FSU	261	148	161	317	439	589	776	6.8
Eastern Europe	353	379	389	595	757	963	1,212	4.8
Total EE/FSU	1,282	976	1,022	1,703	2,223	2,865	3,632	5.4
Developing Countries								
Developing Asia	1,766	3,403	3,536	6,296	8,505	11,199	14,543	6.1
China	428	1,120	1,202	2,418	3,390	4,624	6,222	7.1
India	290	492	520	908	1,232	1,655	2,208	6.2
South Korea	299	544	562	973	1,255	1,545	1,869	5.1
Other Asia	749	1,246	1,253	1,997	2,628	3,375	4,244	5.2
Middle East	409	594	584	857	1,081	1,352	1,675	4.5
Turkey	139	198	183	273	350	445	558	4.8
Other Middle East	270	396	400	583	731	907	1,117	4.4
Africa	488	606	626	979	1,253	1,590	1,999	5.0
Central and South America	1,105	1,503	1,510	2,127	2,743	3,528	4,553	4.7
Brazil	655	851	863	1,230	1,584	2,028	2,603	4.7
Other Central/South America	450	652	647	898	1,159	1,500	1,951	4.7
Total Developing	3,767	6,106	6,256	10,260	13,582	17,669	22,771	5.5
Total World	24,596	31,937	32,354	44,482	53,331	63,731	76,272	3.6

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding.

Sources: Global Insight, Inc., *World Economic Outlook*, Vol. 1 (Lexington, MA, Third Quarter 2003), and Energy Information Administration, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B20.

Table B4. World Oil Consumption by Region, High Economic Growth Case, 1990-2025
(Million Barrels per Day)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	20.4	23.8	23.5	28.3	31.5	34.2	37.5	2.0
United States ^a	17.0	19.7	19.6	23.6	26.2	28.4	30.6	1.9
Canada	1.7	2.1	1.9	2.3	2.5	2.8	3.0	1.9
Mexico	1.7	2.0	1.9	2.4	2.8	3.1	3.9	2.9
Western Europe	12.5	13.8	14.0	15.0	15.6	16.2	16.7	0.7
United Kingdom	1.8	1.7	1.7	1.9	2.0	2.1	2.3	1.3
France	1.8	2.0	2.0	2.1	2.2	2.2	2.3	0.5
Germany	2.7	2.8	2.8	3.0	3.2	3.4	3.5	0.9
Italy	1.9	1.9	1.9	2.1	2.1	2.2	2.3	0.9
Netherlands	0.7	0.9	0.9	0.9	1.0	1.0	1.0	0.6
Other Western Europe	3.6	4.6	4.7	5.0	5.1	5.3	5.3	0.5
Industrialized Asia	6.0	6.5	6.4	7.1	7.4	7.7	8.1	1.0
Japan	5.1	5.5	5.4	5.8	5.9	6.0	6.3	0.6
Australia/New Zealand	0.8	1.0	1.0	1.3	1.5	1.7	1.9	2.6
Total Industrialized	38.8	44.1	43.9	50.5	54.5	58.1	62.3	1.5
EE/FSU								
Former Soviet Union	8.4	3.8	3.9	4.9	6.1	7.7	9.3	3.7
Russia	5.4	2.6	2.6	3.3	4.1	5.1	6.2	3.7
Other FSU	3.0	1.2	1.3	1.6	2.1	2.6	3.1	3.7
Eastern Europe	1.6	1.4	1.4	1.7	1.9	2.2	2.5	2.4
Total EE/FSU	10.0	5.2	5.3	6.6	8.0	9.9	11.8	3.4
Developing Countries								
Developing Asia	7.6	14.5	14.8	21.4	26.3	32.1	38.3	4.0
China	2.3	4.8	5.0	8.1	10.2	12.8	15.2	4.8
India	1.2	2.1	2.1	3.0	3.9	5.1	6.5	4.7
South Korea	1.0	2.1	2.1	2.7	2.9	3.2	3.5	2.1
Other Asia	3.1	5.5	5.5	7.6	9.2	11.0	13.1	3.7
Middle East	3.8	5.3	5.4	7.2	8.4	9.8	11.4	3.2
Turkey	0.5	0.7	0.6	0.9	1.0	1.2	1.4	3.4
Other Middle East	3.4	4.7	4.7	6.3	7.3	8.6	10.0	3.2
Africa	2.1	2.5	2.6	3.5	4.4	5.8	7.0	4.2
Central and South America	3.7	5.2	5.2	6.4	7.5	9.0	10.9	3.2
Brazil	1.5	2.2	2.2	2.6	3.1	3.7	4.5	3.0
Other Central/South America	2.3	3.0	3.0	3.8	4.4	5.3	6.4	3.3
Total Developing	17.3	27.6	27.9	38.4	46.5	56.7	67.6	3.8
Total World	66.1	76.9	77.1	95.4	109.0	124.7	141.7	2.6

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Energy totals include net imports of coal coke and electricity generated from biomass in the United States. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B21; and System for the Analysis of Global Energy Markets (2004).

Table B5. World Natural Gas Consumption by Region, High Economic Growth Case, 1990-2025
(Trillion Cubic Feet)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	22.5	28.1	26.9	32.9	36.3	40.2	42.9	2.0
United States ^a	19.2	23.5	22.6	27.2	29.8	32.5	33.8	1.7
Canada	2.4	3.3	2.9	4.0	4.4	4.8	5.3	2.5
Mexico	0.9	1.4	1.4	1.7	2.2	2.9	3.7	4.3
Western Europe	10.1	14.6	14.8	17.0	19.8	22.4	25.3	2.3
United Kingdom	2.1	3.4	3.3	3.9	4.7	5.2	5.6	2.2
France	1.0	1.4	1.5	1.6	1.8	1.8	1.9	1.1
Germany	2.7	3.2	3.3	3.7	4.5	5.6	6.0	2.5
Italy	1.7	2.5	2.5	2.9	3.3	3.6	3.8	1.7
Netherlands	1.5	1.7	1.8	1.8	2.1	2.3	2.4	1.3
Other Western Europe	1.2	2.3	2.4	3.0	3.3	3.7	5.7	3.6
Industrialized Asia	2.6	3.8	3.9	4.5	5.2	5.7	6.6	2.2
Japan	1.9	2.8	2.8	3.3	3.8	4.1	4.6	2.1
Australia/New Zealand	0.8	1.0	1.1	1.2	1.4	1.6	1.9	2.5
Total Industrialized	35.2	46.4	45.6	54.4	61.3	68.3	74.7	2.1
EE/FSU								
Former Soviet Union	25.0	20.5	20.8	25.7	29.7	34.2	39.3	2.7
Russia	17.3	14.1	14.4	17.4	19.9	22.6	25.4	2.4
Other FSU	7.7	6.4	6.4	8.3	9.8	11.6	13.9	3.3
Eastern Europe	3.1	2.4	2.7	4.2	5.2	6.7	7.5	4.4
Total EE/FSU	28.1	23.0	23.5	29.9	34.9	40.8	46.8	2.9
Developing Countries								
Developing Asia	3.0	6.6	7.5	10.0	12.6	16.1	20.5	4.2
China	0.5	1.0	1.0	2.0	2.9	4.2	5.8	7.6
India	0.4	0.8	0.8	1.3	1.7	2.2	2.9	5.5
South Korea	0.1	0.7	0.7	1.0	1.4	1.8	2.3	4.8
Other Asia	2.0	4.2	4.9	5.6	6.6	7.9	9.5	2.8
Middle East	3.7	7.3	7.9	8.9	10.3	12.0	14.2	2.5
Turkey	0.1	0.5	0.6	0.8	1.0	1.2	1.3	3.6
Other Middle East	3.6	6.8	7.3	8.1	9.3	10.8	12.9	2.4
Africa	1.4	2.0	2.3	2.8	3.5	4.4	5.5	3.8
Central and South America	2.0	3.3	3.5	4.7	6.0	7.6	9.8	4.4
Brazil	0.1	0.3	0.3	1.0	1.7	2.3	3.0	9.5
Other Central/South America	1.9	3.0	3.2	3.7	4.3	5.3	6.8	3.2
Total Developing	10.1	19.3	21.2	26.3	32.3	40.0	50.0	3.6
Total World	73.4	88.7	90.3	110.7	128.5	149.1	171.5	2.7

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Energy totals include net imports of coal coke and electricity generated from biomass in the United States. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B13; and System for the Analysis of Global Energy Markets (2004).

Table B6. World Coal Consumption by Region, High Economic Growth Case, 1990-2025
(Million Short Tons)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	971	1,168	1,148	1,338	1,401	1,515	1,737	1.7
United States ^a	903	1,084	1,060	1,240	1,295	1,399	1,612	1.8
Canada	59	69	73	79	85	93	99	1.3
Mexico	9	15	15	19	22	24	26	2.4
Western Europe	894	559	574	541	518	475	467	-0.9
United Kingdom	119	64	71	69	66	56	50	-1.5
France	35	25	21	13	12	12	11	-2.7
Germany	528	264	265	272	254	235	234	-0.5
Italy	25	20	22	22	22	20	20	-0.5
Netherlands	15	14	23	18	17	16	16	-1.6
Other Western Europe	172	172	172	155	152	144	149	-0.6
Industrialized Asia	231	303	312	345	370	398	438	1.4
Japan	125	160	166	182	192	205	218	1.1
Australia/New Zealand	106	143	147	163	178	192	221	1.7
Total Industrialized	2,095	2,029	2,034	2,225	2,290	2,388	2,643	1.1
EE/FSU								
Former Soviet Union	848	421	446	458	457	471	481	0.3
Russia	497	267	284	310	314	323	329	0.6
Other FSU	352	154	162	148	143	148	153	-0.2
Eastern Europe	528	390	382	352	341	328	317	-0.8
Total EE/FSU	1,376	811	828	810	798	799	798	-0.2
Developing Countries								
Developing Asia	1,590	1,959	2,084	2,697	3,216	3,821	4,478	3.2
China	1,124	1,282	1,383	1,844	2,249	2,714	3,221	3.6
India	242	359	360	450	522	604	694	2.8
South Korea	49	72	76	110	127	142	160	3.2
Other Asia	175	246	265	293	318	361	403	1.8
Middle East	66	94	95	117	128	144	164	2.3
Turkey	60	80	81	97	109	123	141	2.3
Other Middle East	6	14	14	20	19	21	23	2.2
Africa	152	187	191	219	255	287	325	2.2
Central and South America	27	34	32	45	49	55	62	2.9
Brazil	17	21	21	31	33	36	41	2.9
Other Central/South America	10	13	11	14	16	19	21	2.8
Total Developing	1,835	2,275	2,401	3,078	3,647	4,306	5,029	3.1
Total World	5,307	5,115	5,263	6,113	6,735	7,493	8,470	2.0

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country. To convert short tons to metric tons, divide each number in the table by 1.102.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B16; and System for the Analysis of Global Energy Markets (2004).

Table B7. World Nuclear Energy Consumption by Region, High Economic Growth Case, 1990-2025
(Billion Kilowatthours)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	649	830	850	912	932	945	925	0.4
United States ^a	577	754	769	794	812	816	816	0.3
Canada	69	69	73	108	110	118	98	1.2
Mexico	3	8	8	10	10	11	11	1.1
Western Europe	703	845	870	906	897	855	760	-0.6
United Kingdom	59	82	86	69	52	47	28	-4.6
France	298	394	401	447	478	520	550	1.3
Germany	145	161	163	137	107	15	0	-100.0
Italy	0	0	0	0	0	0	0	—
Netherlands	3	4	4	4	4	0	0	-100.0
Other Western Europe	198	204	217	248	257	273	182	-0.7
Industrialized Asia	192	294	309	369	394	426	411	1.2
Japan	192	294	309	369	394	426	411	1.2
Australia/New Zealand	0	0	0	0	0	0	0	—
Total Industrialized	1,544	1,969	2,029	2,187	2,223	2,226	2,095	0.1
EE/FSU								
Former Soviet Union	201	204	210	236	236	204	174	-0.8
Russia	115	122	125	141	154	129	100	-1.0
Other FSU	86	81	85	95	82	76	75	-0.5
Eastern Europe	54	67	72	76	80	84	88	0.8
Total EE/FSU	256	270	282	312	316	288	262	-0.3
Developing Countries								
Developing Asia	88	171	178	299	406	473	497	4.4
China	0	16	17	66	129	142	154	9.7
India	6	14	18	46	55	66	66	5.5
South Korea	50	104	107	141	171	209	220	3.1
Other Asia	32	37	36	47	51	55	56	1.8
Middle East	0	0	0	5	14	14	21	—
Turkey	0	0	0	0	0	0	0	—
Other Middle East	0	0	0	5	14	14	21	—
Africa	8	13	11	14	14	14	14	1.2
Central and South America	9	11	21	21	21	18	18	-0.7
Brazil	2	5	14	14	14	14	14	-0.1
Other Central/South America	7	6	7	7	7	4	4	-2.4
Total Developing	105	195	209	339	455	518	549	4.1
Total World	1,905	2,434	2,521	2,838	2,994	3,032	2,906	0.6

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B8; and System for the Analysis of Global Energy Markets (2004).

Table B8. World Consumption of Hydroelectricity and Other Renewable Energy by Region, High Economic Growth Case, 1990-2025
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 2001-2025
	1990	2000	2001	2010	2015	2020	2025	
Industrialized Countries								
North America	9.5	10.6	9.4	12.0	13.2	14.4	15.6	2.1
United States ^a	6.0	6.4	5.5	7.5	8.3	9.3	10.2	2.6
Canada	3.1	3.8	3.5	3.9	4.3	4.5	4.7	1.3
Mexico	0.3	0.5	0.4	0.5	0.6	0.6	0.7	2.2
Western Europe	4.5	6.0	6.1	7.0	7.4	8.1	8.8	1.5
United Kingdom	0.1	0.1	0.1	0.2	0.2	0.2	0.4	5.9
France	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2
Germany	0.3	0.4	0.5	0.6	0.7	0.6	0.7	1.6
Italy	0.4	0.6	0.6	0.9	0.9	0.9	1.0	2.1
Netherlands	0.0	0.1	0.1	0.2	0.2	0.2	0.2	6.6
Other Western Europe	3.2	4.1	4.1	4.2	4.6	5.1	5.4	1.2
Industrialized Asia	1.6	1.6	1.6	1.9	2.0	2.0	2.3	1.5
Japan	1.1	1.1	1.1	1.3	1.4	1.4	1.7	1.7
Australia/New Zealand	0.4	0.5	0.5	0.5	0.6	0.6	0.6	1.1
Total Industrialized	15.6	18.2	17.1	20.9	22.5	24.5	26.7	1.9
EE/FSU								
Former Soviet Union	2.4	2.3	2.5	3.0	3.3	3.6	3.9	1.8
Russia	1.8	1.7	1.8	2.1	2.2	2.5	2.7	1.6
Other FSU	0.6	0.7	0.7	0.9	1.0	1.1	1.2	2.4
Eastern Europe	0.4	0.6	0.6	0.8	1.0	1.2	1.3	2.8
Total EE/FSU	2.8	3.0	3.2	3.8	4.3	4.8	5.2	2.1
Developing Countries								
Developing Asia	3.2	4.5	5.1	7.7	10.4	12.5	14.0	4.3
China	1.3	2.3	2.8	4.5	5.6	7.0	7.4	4.2
India	0.7	0.8	0.8	1.1	1.4	1.7	2.0	3.8
South Korea	0.0	0.0	0.0	0.1	0.1	0.1	0.1	6.0
Other Asia	1.1	1.4	1.5	2.0	3.4	3.7	4.5	4.7
Middle East	0.4	0.5	0.4	0.6	0.8	1.0	1.2	4.7
Turkey	0.2	0.3	0.3	0.4	0.5	0.6	0.7	4.5
Other Middle East	0.1	0.1	0.1	0.2	0.3	0.4	0.5	5.2
Africa	0.6	0.7	0.8	1.1	1.2	1.3	1.5	2.8
Central and South America	3.9	5.9	5.6	7.0	7.4	7.8	8.1	1.6
Brazil	2.2	3.3	2.9	3.7	3.9	4.2	4.6	1.9
Other Central/South America	1.7	2.6	2.7	3.3	3.5	3.5	3.5	1.2
Total Developing	8.0	11.6	11.8	16.4	19.8	22.5	24.9	3.1
Total World	26.4	32.8	32.2	41.1	46.6	51.8	56.7	2.4

^aIncludes the 50 States and the District of Columbia.

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding. The electricity portion of the national fuel consumption values consists of generation for domestic use plus an adjustment for electricity trade based on a fuel's share of total generation in the exporting country. U.S. totals include net electricity imports, methanol, and liquid hydrogen.

Sources: **History:** Energy Information Administration (EIA), *International Energy Annual 2001*, DOE/EIA-0219(2001) (Washington, DC, February 2003), web site www.eia.doe.gov/iea/. **Projections:** EIA, *Annual Energy Outlook 2004*, DOE/EIA-0383(2004) (Washington, DC, January 2004), Table B1; and System for the Analysis of Global Energy Markets (2004).