

High Economic Growth Case Projections:

- World Energy Consumption
 - Gross Domestic Product
- Carbon Dioxide Emissions
 - Nuclear Power Capacity

Table B1. World Total Energy Consumption by Region, High Economic Growth Case, 1990-2020
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	99.9	113.1	115.7	132.4	144.2	155.5	168.0	1.8
United States ^a	84.0	94.7	96.7	109.9	118.6	126.9	135.9	1.6
Canada	10.9	12.4	12.8	14.8	16.3	17.4	18.5	1.8
Mexico	5.0	6.0	6.1	7.8	9.4	11.2	13.7	3.9
Western Europe	59.8	65.7	65.9	73.7	78.1	82.4	87.9	1.4
United Kingdom	9.2	9.8	9.8	10.9	11.7	12.4	13.2	1.4
France	9.3	10.8	10.9	12.4	13.2	14.0	15.2	1.6
Germany	14.8	14.2	14.0	15.9	16.7	17.4	18.3	1.3
Italy	6.6	7.6	7.6	8.7	9.3	10.0	10.6	1.6
Netherlands	3.3	3.7	3.7	4.0	4.2	4.5	4.7	1.2
Other Western Europe	16.6	19.7	20.0	21.8	22.9	24.1	26.0	1.3
Industrialized Asia	22.8	27.6	27.9	30.9	32.7	35.9	38.2	1.5
Japan	17.9	21.5	21.7	23.9	25.1	27.7	29.3	1.4
Australasia	4.8	6.1	6.2	7.0	7.6	8.2	8.9	1.7
Total Industrialized	182.4	206.4	209.6	237.0	255.0	273.8	294.2	1.6
EE/FSU								
Former Soviet Union	61.0	38.8	39.3	47.7	54.2	64.2	73.1	3.0
Eastern Europe	15.3	11.9	11.3	12.5	14.4	17.0	19.4	2.6
Total EE/FSU	76.3	50.7	50.5	60.2	68.6	81.2	92.5	2.9
Developing Countries								
Developing Asia	51.0	72.9	70.9	98.1	126.0	159.6	197.5	5.0
China	27.0	35.4	32.0	45.9	61.6	80.7	103.0	5.7
India	7.8	11.6	12.2	16.4	20.4	25.8	31.8	4.7
South Korea	3.7	6.9	7.3	9.8	11.3	13.5	15.7	3.7
Other Asia	12.6	19.0	19.5	26.1	32.7	39.6	47.1	4.3
Middle East	13.1	19.1	19.3	23.7	30.1	37.2	45.8	4.2
Turkey	2.0	3.0	2.9	3.7	4.5	5.5	6.6	4.0
Other Middle East	11.1	16.1	16.4	20.1	25.6	31.8	39.2	4.2
Africa	9.3	11.6	11.8	15.3	18.0	21.8	25.6	3.8
Central and South America	13.7	19.4	19.8	25.9	33.7	44.0	57.5	5.2
Brazil	5.4	7.8	8.1	10.1	12.9	15.9	20.0	4.4
Other Central/South America	8.3	11.6	11.7	15.8	20.8	28.1	37.5	5.7
Total Developing	87.2	123.0	121.8	163.0	207.8	262.7	326.5	4.8
Total World	346.0	380.0	381.8	460.2	531.4	617.7	713.1	3.0

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B1; and World Energy Projection System (2001).

Table B2. World Total Energy Consumption by Region and Fuel, High Economic Growth Case, 1990-2020
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America								
Oil	40.4	44.6	45.8	51.9	57.2	62.8	69.5	2.0
Natural Gas	22.7	26.2	26.8	32.2	36.0	40.8	44.2	2.4
Coal	20.5	23.5	23.5	26.5	27.9	28.8	31.0	1.3
Nuclear.	7.0	8.0	8.6	9.0	8.9	8.2	7.7	-0.6
Other.	9.3	10.8	11.1	12.8	14.1	14.8	15.6	1.7
Total	99.9	113.1	115.7	132.4	144.2	155.5	168.0	1.8
Western Europe								
Oil	25.8	29.1	28.7	31.4	32.5	33.5	34.6	0.9
Natural Gas	9.7	13.6	14.3	18.9	21.5	24.5	29.3	3.5
Coal	12.4	8.8	8.4	7.8	7.6	7.5	7.0	-0.9
Nuclear.	7.4	8.8	8.9	8.9	8.9	8.8	8.2	-0.4
Other.	4.5	5.4	5.6	6.7	7.4	8.0	8.9	2.2
Total	59.8	65.7	65.9	73.7	78.1	82.4	87.9	1.4
Industrialized Asia								
Oil	12.5	13.7	13.9	15.1	15.8	16.8	17.5	1.1
Natural Gas	2.5	3.6	3.8	4.4	4.8	5.4	6.4	2.5
Coal	4.2	5.3	5.4	6.0	6.3	6.7	6.9	1.2
Nuclear.	2.0	3.2	3.2	3.4	3.8	4.7	4.9	2.1
Other.	1.6	1.7	1.7	1.9	2.0	2.3	2.5	2.0
Total	22.8	27.6	27.9	30.9	32.7	35.9	38.2	1.5
Total Industrialized								
Oil	78.7	87.4	88.4	98.5	105.6	113.1	121.6	1.5
Natural Gas	35.0	43.5	44.8	55.5	62.4	70.8	79.8	2.8
Coal	37.1	37.5	37.3	40.3	41.8	43.0	45.0	0.9
Nuclear.	16.3	20.0	20.6	21.4	21.6	21.7	20.7	0.0
Other.	15.4	18.0	18.3	21.3	23.5	25.2	27.0	1.9
Total	182.4	206.4	209.6	237.0	255.0	273.8	294.2	1.6
EE/FSU								
Oil	21.0	10.9	10.8	14.6	17.3	21.7	25.5	4.2
Natural Gas	28.8	22.7	22.9	27.4	32.9	41.3	48.8	3.7
Coal	20.8	11.4	11.1	11.4	10.9	9.7	8.9	-1.1
Nuclear.	2.9	2.7	2.7	3.4	3.5	3.7	3.6	1.3
Other.	2.8	3.0	3.0	3.4	4.0	4.8	5.7	3.2
Total	76.3	50.7	50.5	60.2	68.6	81.2	92.5	2.9
Developing Countries								
Developing Asia								
Oil	16.0	26.7	27.7	37.1	47.6	60.6	75.1	4.9
Natural Gas	3.2	6.0	6.4	11.0	15.3	21.2	28.0	7.3
Coal	27.7	34.5	30.7	41.1	51.6	63.3	76.2	4.4
Nuclear.	0.9	1.5	1.6	2.4	3.3	4.1	5.5	6.0
Other.	3.2	4.3	4.6	6.6	8.2	10.5	12.8	5.0
Total	51.0	72.9	70.9	98.1	126.0	159.6	197.5	5.0

See notes at end of table.

Table B2. World Total Energy Consumption by Region and Fuel, High Economic Growth Case, 1990-2020
(Continued)
 (Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Developing Countries (Continued)								
Middle East								
Oil	8.1	10.4	10.5	12.5	15.7	20.2	26.6	4.5
Natural Gas	3.9	6.9	7.1	9.2	11.8	14.0	15.8	3.9
Coal	0.8	1.2	1.1	1.3	1.5	1.6	1.7	2.1
Nuclear	0.0	0.0	0.0	0.0	0.1	0.1	0.2	--
Other	0.4	0.6	0.5	0.8	1.0	1.3	1.5	5.1
Total	13.1	19.1	19.3	23.7	30.1	37.2	45.8	4.2
Africa								
Oil	4.2	5.1	5.2	7.4	9.1	11.2	13.6	4.7
Natural Gas	1.5	2.0	2.1	2.8	3.2	4.1	4.9	4.0
Coal	3.0	3.7	3.6	4.1	4.4	5.0	5.4	2.0
Nuclear	0.1	0.1	0.1	0.1	0.2	0.2	0.2	2.6
Other	0.6	0.7	0.7	0.9	1.0	1.3	1.5	3.7
Total	9.3	11.6	11.8	15.3	18.0	21.8	25.6	3.8
Central and South America								
Oil	7.0	9.4	9.5	11.7	15.1	19.4	25.0	4.7
Natural Gas	2.2	3.4	3.5	6.4	10.0	14.7	20.9	8.9
Coal	0.6	0.9	0.9	1.0	1.0	1.2	1.3	1.9
Nuclear	0.1	0.1	0.1	0.2	0.2	0.3	0.3	4.7
Other	3.9	5.6	5.7	6.6	7.5	8.6	9.9	2.7
Total	13.7	19.4	19.8	25.9	33.7	44.0	57.5	5.2
Total Developing Countries								
Oil	35.2	51.5	52.9	68.6	87.5	111.4	140.3	4.8
Natural Gas	10.8	18.3	19.2	29.3	40.3	54.0	69.6	6.3
Coal	32.1	40.3	36.3	47.4	58.6	71.0	84.6	4.1
Nuclear	1.1	1.7	1.9	2.7	3.7	4.7	6.2	5.9
Other	8.0	11.1	11.5	15.0	17.7	21.6	25.7	3.9
Total	87.2	123.0	121.8	163.0	207.8	262.7	326.5	4.8
Total World								
Oil	134.9	149.8	152.2	181.6	210.4	246.2	287.4	3.1
Natural Gas	74.5	84.5	86.9	112.2	135.6	166.1	198.2	4.0
Coal	90.0	89.3	84.8	99.1	111.3	123.7	138.5	2.4
Nuclear	20.4	24.4	25.3	27.5	28.9	30.2	30.5	0.9
Other	26.3	32.0	32.7	39.7	45.3	51.5	58.5	2.8
Total	346.0	380.0	381.8	460.2	531.4	617.7	713.1	3.0

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B1; and World Energy Projection System (2001).

Table B3. World Gross Domestic Product (GDP) by Region, High Economic Growth Case, 1990-2020
(Billion 1997 Dollars)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	7,723	9,789	10,202	13,466	16,494	19,842	23,682	4.1
United States ^a	6,836	8,706	9,074	11,968	14,625	17,541	20,858	4.0
Canada	555	662	692	891	1,067	1,234	1,398	3.4
Mexico	332	421	436	606	802	1,067	1,426	5.8
Western Europe	7,597	8,721	8,906	11,028	12,980	15,193	17,717	3.3
United Kingdom	1,146	1,345	1,372	1,734	2,059	2,471	2,917	3.7
France	1,299	1,457	1,497	1,867	2,214	2,556	2,934	3.3
Germany	1,879	2,158	2,187	2,675	3,119	3,624	4,205	3.2
Italy	1,079	1,173	1,190	1,448	1,694	1,972	2,283	3.2
Netherlands	317	391	402	498	588	692	809	3.4
Other Western Europe	1,877	2,197	2,258	2,806	3,306	3,878	4,569	3.4
Industrialized Asia	4,054	4,598	4,644	5,328	6,084	7,021	8,035	2.6
Japan	3,673	4,106	4,133	4,693	5,330	6,126	6,967	2.5
Australasia	381	491	511	636	754	895	1,067	3.6
Total Industrialized	19,374	23,107	23,752	29,823	35,557	42,057	49,434	3.6
EE/FSU								
Former Soviet Union	1,009	564	579	853	1,183	1,783	2,492	7.2
Eastern Europe	348	356	360	568	819	1,170	1,641	7.5
Total EE/FSU	1,357	919	939	1,421	2,001	2,953	4,133	7.3
Developing Countries								
Developing Asia	1,739	2,944	3,123	4,860	7,027	9,948	13,914	7.4
China	427	967	1,036	1,728	2,652	3,907	5,687	8.4
India	268	414	440	676	955	1,343	1,877	7.2
South Korea	297	449	490	707	977	1,337	1,815	6.4
Other Asia	748	1,115	1,157	1,750	2,444	3,362	4,535	6.7
Middle East	379	518	513	717	964	1,313	1,799	6.2
Turkey	140	196	186	261	352	476	645	6.1
Other Middle East	239	322	327	455	612	836	1,154	6.2
Africa	405	466	474	672	888	1,151	1,476	5.6
Central and South America	1,136	1,518	1,498	2,133	2,859	3,786	4,987	5.9
Brazil	674	830	836	1,195	1,614	2,141	2,829	6.0
Other Central/South America	462	688	662	938	1,245	1,645	2,158	5.8
Total Developing	3,660	5,446	5,608	8,382	11,738	16,197	22,176	6.8
Total World	24,392	29,472	30,299	39,627	49,297	61,207	75,743	4.5

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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

Sources: Standard & Poor's DRI, *World Economic Outlook*, Vol. 1 (Lexington, MA, 3rd Quarter 2000); Energy Information Administration (EIA), *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B20; and EIA, World Energy Projection System (2001).

Table B4. World Oil Consumption by Region, High Economic Growth Case, 1990-2020
(Million Barrels per Day)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	20.4	22.7	23.4	26.5	29.1	31.9	35.3	2.0
United States ^a	17.0	18.9	19.5	21.9	23.8	25.7	28.0	1.7
Canada	1.7	1.9	1.9	2.1	2.3	2.4	2.5	1.1
Mexico	1.7	1.9	2.0	2.4	3.0	3.8	4.8	4.4
Western Europe	12.5	14.1	13.9	15.2	15.8	16.2	16.7	0.9
United Kingdom	1.8	1.8	1.7	2.1	2.2	2.3	2.4	1.6
France	1.8	2.0	2.0	2.2	2.3	2.4	2.4	0.9
Germany	2.7	2.9	2.8	3.2	3.2	3.3	3.3	0.8
Italy	1.9	2.1	2.0	2.2	2.3	2.4	2.4	1.0
Netherlands	0.7	0.8	0.8	0.9	0.9	1.0	1.0	0.9
Other Western Europe	3.6	4.5	4.5	4.7	4.8	5.0	5.1	0.6
Industrialized Asia	6.2	6.8	6.9	7.5	7.8	8.3	8.7	1.1
Japan	5.1	5.5	5.6	6.0	6.2	6.5	6.7	0.9
Australasia	1.0	1.3	1.3	1.5	1.6	1.8	2.0	2.0
Total Industrialized	39.0	43.6	44.2	49.2	52.7	56.4	60.7	1.5
EE/FSU								
Former Soviet Union	8.4	3.8	3.7	5.4	6.6	8.5	10.2	4.9
Eastern Europe	1.6	1.4	1.5	1.5	1.7	1.9	2.0	1.5
Total EE/FSU	10.0	5.2	5.2	7.0	8.3	10.4	12.2	4.2
Developing Countries								
Developing Asia	7.6	12.8	13.3	17.8	22.8	29.1	36.1	4.9
China	2.3	4.1	4.3	5.6	7.5	10.0	12.7	5.3
India	1.2	1.8	1.9	2.8	3.8	5.3	7.1	6.4
South Korea	1.0	2.0	2.0	2.7	3.1	3.5	3.9	3.1
Other Asia	3.1	4.9	5.0	6.7	8.5	10.4	12.4	4.4
Middle East	3.9	5.0	5.0	6.0	7.5	9.7	12.7	4.5
Turkey	0.5	0.6	0.6	0.9	1.1	1.3	1.6	4.6
Other Middle East	3.4	4.3	4.4	5.1	6.5	8.4	11.1	4.5
Africa	2.1	2.5	2.5	3.6	4.4	5.4	6.6	4.7
Central and South America	3.4	4.6	4.7	5.7	7.4	9.5	12.2	4.7
Brazil	1.3	1.9	2.0	2.4	3.3	4.3	5.7	5.2
Other Central/South America	2.1	2.7	2.7	3.3	4.1	5.2	6.5	4.3
Total Developing	17.0	24.8	25.5	33.1	42.2	53.7	67.6	4.8
Total World	66.0	73.6	74.9	89.2	103.1	120.5	140.5	3.0

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B21; and World Energy Projection System (2001).

Table B5. World Natural Gas Consumption by Region, High Economic Growth Case, 1990-2020
(Trillion Cubic Feet)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	22.0	25.4	26.1	31.4	35.1	39.8	43.1	2.4
United States ^a	18.7	21.3	21.7	26.1	29.2	33.4	36.1	2.5
Canada	2.4	2.9	3.1	3.6	3.9	4.3	4.7	2.0
Mexico	0.9	1.3	1.3	1.7	2.0	2.1	2.3	2.9
Western Europe	10.1	13.4	14.0	18.4	21.0	23.9	28.4	3.4
United Kingdom	2.1	3.1	3.3	3.9	4.5	5.2	6.0	3.0
France	1.0	1.3	1.3	1.9	2.3	2.7	3.6	4.7
Germany	2.7	3.0	3.0	4.2	4.7	5.3	6.4	3.6
Italy	1.7	2.2	2.4	2.9	3.3	3.7	4.0	2.5
Netherlands	1.5	1.8	1.7	2.0	2.1	2.3	2.5	1.8
Other Western Europe	1.2	2.0	2.3	3.4	4.0	4.7	5.9	4.7
Industrialized Asia	2.6	3.5	3.6	4.3	4.6	5.2	6.1	2.5
Japan	1.9	2.5	2.6	3.1	3.2	3.7	4.4	2.4
Australasia	0.8	0.9	1.0	1.2	1.4	1.5	1.7	2.7
Total Industrialized	34.8	42.3	43.7	54.0	60.7	68.9	77.6	2.8
EE/FSU								
Former Soviet Union	25.0	19.9	20.1	23.7	27.3	33.2	38.7	3.2
Eastern Europe	3.1	2.5	2.4	3.2	5.1	7.5	9.4	6.7
Total EE/FSU	28.1	22.4	22.5	27.0	32.4	40.7	48.0	3.7
Developing Countries								
Developing Asia	3.0	5.6	6.0	10.2	14.2	19.5	25.7	7.2
China	0.5	0.8	0.9	2.0	3.2	5.3	7.8	11.1
India	0.4	0.8	0.8	1.4	2.0	2.7	3.5	7.6
South Korea	0.1	0.5	0.6	1.0	1.3	1.9	2.6	7.4
Other Asia	1.9	3.6	3.8	5.8	7.7	9.5	11.7	5.5
Middle East	3.7	6.6	6.8	8.7	11.3	13.3	15.1	3.9
Turkey	0.1	0.4	0.4	0.5	0.8	1.0	1.4	5.6
Other Middle East	3.6	6.2	6.3	8.2	10.5	12.3	13.7	3.7
Africa	1.4	1.8	2.0	2.6	3.0	3.8	4.5	8.9
Central and South America	2.0	3.1	3.2	5.9	9.2	13.5	19.3	8.9
Brazil	0.1	0.2	0.2	0.7	1.3	1.8	2.5	12.0
Other Central/South America	1.9	2.9	3.0	5.2	7.9	11.7	16.7	8.5
Total Developing	10.1	17.2	18.0	27.4	37.6	50.1	64.5	6.3
Total World	72.9	81.9	84.2	108.4	130.7	159.7	190.2	4.0

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B13; and World Energy Projection System (2001).

Table B6. World Coal Consumption by Region, High Economic Growth Case, 1990-2020
(Million Short Tons)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	959	1,121	1,122	1,290	1,362	1,413	1,531	1.5
United States ^a	895	1,040	1,045	1,206	1,274	1,318	1,426	1.5
Canada	55	66	63	63	65	71	77	0.9
Mexico	9	15	13	20	23	24	28	3.6
Western Europe	894	566	546	508	502	493	467	-0.7
United Kingdom	119	70	65	62	60	56	47	-1.5
France	35	29	26	21	13	13	9	-4.8
Germany	528	269	258	245	250	247	238	-0.4
Italy	23	19	19	18	19	17	17	-0.5
Netherlands	15	16	14	12	10	10	8	-2.4
Other Western Europe	173	164	165	150	151	149	147	-0.5
Industrialized Asia	231	287	295	323	338	358	371	1.1
Japan	125	144	149	171	181	195	203	1.5
Australasia	106	142	145	152	158	163	168	0.7
Total Industrialized	2,084	1,974	1,963	2,122	2,202	2,264	2,369	0.9
EE/FSU								
Former Soviet Union	848	396	414	435	435	411	391	-0.3
Eastern Europe	527	414	363	361	315	252	212	-2.5
Total EE/FSU	1,375	810	778	795	751	663	603	-1.2
Developing Countries								
Developing Asia	1,583	1,903	1,686	2,257	2,836	3,473	4,183	4.4
China	1,124	1,300	1,075	1,524	2,014	2,553	3,166	5.3
India	242	333	348	423	474	520	565	2.3
South Korea	42	60	65	76	87	99	104	2.3
Other Asia	175	210	197	234	261	301	348	2.7
Middle East	66	99	96	108	129	140	148	2.1
Turkey	60	86	84	90	105	115	123	1.8
Other Middle East	6	12	12	18	24	25	25	3.4
Africa	152	181	177	201	215	243	266	2.0
Central and South America	26	42	41	44	48	53	61	1.9
Brazil	17	28	27	29	34	37	42	2.1
Other Central/South America	9	15	14	15	14	16	19	1.5
Total Developing	1,827	2,226	2,000	2,610	3,229	3,909	4,657	4.1
Total World	5,287	5,009	4,740	5,526	6,182	6,836	7,629	2.3

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B16; and World Energy Projection System (2001).

Table B7. World Nuclear Energy Consumption by Region, High Economic Growth Case, 1990-2020
(Billion Kilowatthours)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	649	750	808	839	830	765	712	-0.6
United States ^a	577	674	728	740	720	650	591	-1.0
Canada	69	68	70	91	101	106	111	2.2
Mexico	3	9	10	8	9	9	10	0.2
Western Europe	703	836	846	858	858	847	789	-0.3
United Kingdom	59	95	91	69	63	55	38	-4.1
France	298	369	375	419	433	447	457	0.9
Germany	145	154	161	160	154	141	112	-1.7
Italy	0	0	0	0	0	0	0	0.0
Netherlands	3	4	4	4	4	0	0	-100.0
Other Western Europe	198	215	215	206	204	203	182	-0.8
Industrialized Asia	192	316	309	334	370	460	476	2.1
Japan	192	316	309	334	370	460	476	2.1
Australasia	0	0	0	0	0	0	0	0.0
Total Industrialized	1,544	1,902	1,962	2,032	2,058	2,072	1,978	0.0
EE/FSU								
Former Soviet Union	201	183	190	230	246	250	232	0.9
Eastern Europe	54	61	60	81	76	88	94	2.2
Total EE/FSU	256	244	250	311	321	338	326	1.3
Developing Countries								
Developing Asia	88	145	160	239	325	404	536	12.9
China	0	13	14	49	83	106	180	12.9
India	6	11	11	16	28	46	65	8.6
South Korea	50	85	98	133	141	175	207	3.6
Other Asia	32	36	37	41	72	76	85	4.0
Middle East	0	0.0						
Turkey	0	0	0	0	0	0	0	0.0
Other Middle East	0	0	0	0	0	0	0	0.0
Africa	8	14	13	14	17	20	22	2.6
Central and South America	9	10	11	14	16	24	28	4.7
Brazil	2	3	4	9	10	20	24	9.1
Other Central/South America	7	7	7	5	6	3	4	-2.6
Total Developing	105	169	184	268	358	447	586	5.7
Total World	1,905	2,315	2,396	2,610	2,738	2,858	2,890	0.9

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B8; and World Energy Projection System (2001).

Table B8. World Consumption of Hydroelectricity and Other Renewable Energy by Region, High Economic Growth Case, 1990-2020
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 1999-2020
	1990	1998	1999	2005	2010	2015	2020	
Industrialized Countries								
North America	9.3	10.8	11.1	12.8	14.1	14.8	15.6	1.7
United States ^a	5.8	7.0	7.0	7.8	8.3	8.6	9.0	1.2
Canada	3.1	3.5	3.6	4.5	5.1	5.5	5.8	2.3
Mexico	0.3	0.4	0.4	0.5	0.6	0.7	0.8	2.9
Western Europe	4.5	5.4	5.6	6.7	7.4	8.0	8.9	2.2
United Kingdom	0.1	0.1	0.1	0.2	0.2	0.3	0.3	4.1
France	0.6	0.7	0.8	0.9	1.1	1.2	1.2	2.3
Germany	0.3	0.3	0.4	0.6	0.8	0.9	1.1	5.4
Italy	0.4	0.5	0.6	0.7	0.7	0.9	1.0	2.4
Netherlands	0.0	0.0	0.0	0.1	0.1	0.2	0.2	6.9
Other Western Europe	3.2	3.7	3.7	4.2	4.4	4.6	5.1	1.6
Industrialized Asia	1.6	1.7	1.7	1.9	2.0	2.3	2.5	2.0
Japan	1.1	1.2	1.2	1.3	1.4	1.6	1.8	2.1
Australasia	0.4	0.5	0.5	0.6	0.6	0.7	0.7	1.9
Total Industrialized	15.4	18.0	18.3	21.3	23.5	25.2	27.0	1.9
EE/FSU								
Former Soviet Union	2.4	2.3	2.3	2.8	3.1	3.4	3.7	2.2
Eastern Europe	0.4	0.6	0.6	0.7	1.0	1.4	2.0	5.8
Total EE/FSU	2.8	3.0	3.0	3.4	4.0	4.8	5.7	3.2
Developing Countries								
Developing Asia	3.2	4.3	4.6	6.6	8.2	10.5	12.8	5.0
China	1.3	2.1	2.3	3.7	4.9	6.4	8.1	6.2
India	0.7	0.8	0.9	1.2	1.3	1.7	2.0	4.2
South Korea	0.0	0.0	0.0	0.1	0.1	0.2	0.3	8.8
Other Asia	1.1	1.3	1.4	1.7	1.9	2.2	2.4	2.7
Middle East	0.4	0.6	0.5	0.8	1.0	1.3	1.5	5.1
Turkey	0.2	0.4	0.4	0.4	0.5	0.6	0.7	3.0
Other Middle East	0.1	0.2	0.2	0.4	0.5	0.7	0.8	8.0
Africa	0.6	0.7	0.7	0.9	1.0	1.3	1.5	3.7
Central and South America	3.9	5.6	5.7	6.6	7.5	8.6	9.9	2.7
Brazil	2.2	3.1	3.3	3.7	4.1	4.3	4.7	1.7
Other Central/South America	1.7	2.5	2.4	2.9	3.4	4.2	5.3	3.8
Total Developing	8.0	11.1	11.5	15.0	17.7	21.6	25.7	3.9
Total World	26.3	32.0	32.7	39.7	45.3	51.5	58.5	2.8

^aIncludes the 50 States and the District of Columbia. U.S. Territories are included in Australasia.

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 1999*, DOE/EIA-0219(99) (Washington, DC, January 2001). **Projections:** EIA, *Annual Energy Outlook 2001*, DOE/EIA-0383(2001) (Washington, DC, December 2000), Table B1; and World Energy Projection System (2001).