

**Table A2. World total energy consumption by region and fuel, Reference case, 2006-2035**  
(Quadrillion Btu)

Region	History			Projections					Average annual percent change, 2008-2035
	2006	2007	2008	2015	2020	2025	2030	2035	
<b>OECD</b>									
<b>OECD Americas</b>									
Liquids	49.6	49.9	47.7	48.6	48.9	49.4	50.5	52.1	0.3
Natural gas	28.2	29.5	29.6	31.9	33.1	34.1	36.1	38.1	0.9
Coal	24.4	24.7	24.3	21.3	22.5	24.3	25.2	26.5	0.3
Nuclear	9.4	9.6	9.5	10.1	10.7	10.7	11.0	11.1	0.6
Other	10.7	10.7	11.8	14.2	15.8	17.3	18.8	19.9	2.0
<b>Total</b>	<b>122.3</b>	<b>124.3</b>	<b>122.9</b>	<b>126.1</b>	<b>131.0</b>	<b>135.9</b>	<b>141.6</b>	<b>147.7</b>	<b>0.7</b>
<b>OECD Europe</b>									
Liquids	32.5	32.1	32.0	29.7	30.1	30.4	30.5	30.6	-0.2
Natural gas	19.7	19.6	20.1	20.4	21.0	21.6	22.7	23.9	0.7
Coal	13.2	13.5	12.5	11.5	11.2	10.8	10.5	10.4	-0.7
Nuclear	9.7	9.2	9.1	10.0	10.3	11.1	11.5	11.8	1.0
Other	7.6	8.1	8.4	12.0	14.2	15.8	16.5	17.1	2.7
<b>Total</b>	<b>82.8</b>	<b>82.3</b>	<b>82.2</b>	<b>83.6</b>	<b>86.9</b>	<b>89.7</b>	<b>91.8</b>	<b>93.8</b>	<b>0.5</b>
<b>OECD Asia</b>									
Liquids	17.5	17.3	16.8	15.9	16.6	16.9	16.9	17.0	0.1
Natural gas	6.2	6.6	6.6	6.9	7.3	7.9	8.4	8.6	1.0
Coal	9.2	9.6	9.9	9.7	9.5	9.4	9.5	9.7	-0.1
Nuclear	4.3	3.9	3.9	5.1	5.7	6.0	6.5	7.0	2.2
Other	2.0	1.9	1.9	3.1	3.6	3.9	4.1	4.3	3.1
<b>Total</b>	<b>39.2</b>	<b>39.4</b>	<b>39.2</b>	<b>40.7</b>	<b>42.7</b>	<b>44.2</b>	<b>45.4</b>	<b>46.7</b>	<b>0.7</b>
<b>Total OECD</b>									
Liquids	99.6	99.3	96.5	94.1	95.6	96.7	97.9	99.7	0.1
Natural gas	54.1	55.7	56.3	59.2	61.4	63.6	67.1	70.6	0.8
Coal	46.8	47.8	46.8	42.6	43.1	44.6	45.3	46.7	0.0
Nuclear	23.4	22.6	22.6	25.2	26.7	27.8	29.1	29.8	1.0
Other	20.4	20.7	22.1	29.3	33.6	37.1	39.4	41.4	2.4
<b>Total</b>	<b>244.3</b>	<b>246.1</b>	<b>244.3</b>	<b>250.4</b>	<b>260.6</b>	<b>269.8</b>	<b>278.7</b>	<b>288.2</b>	<b>0.6</b>
<b>Non-OECD</b>									
<b>Non-OECD Europe and Eurasia</b>									
Liquids	8.8	9.5	10.1	10.7	10.5	10.6	11.0	11.3	0.4
Natural gas	25.2	25.4	25.4	24.8	24.9	25.3	26.2	27.0	0.2
Coal	8.8	8.6	8.9	8.5	8.2	8.0	8.1	8.5	-0.2
Nuclear	2.9	3.0	3.0	3.7	4.8	5.8	6.1	6.5	2.9
Other	3.3	3.1	3.0	3.6	3.9	4.2	4.6	5.0	1.9
<b>Total</b>	<b>48.9</b>	<b>49.6</b>	<b>50.5</b>	<b>51.4</b>	<b>52.3</b>	<b>54.0</b>	<b>56.0</b>	<b>58.4</b>	<b>0.5</b>
<b>Non-OECD Asia</b>									
Liquids	33.4	34.0	35.0	47.0	53.5	61.7	66.6	70.2	2.6
Natural gas	9.8	10.8	11.6	17.6	21.4	25.9	29.8	32.9	3.9
Coal	66.3	71.4	77.5	99.6	106.2	119.5	132.8	144.1	2.3
Nuclear	1.1	1.2	1.2	3.7	6.5	8.9	11.0	13.3	9.2
Other	10.5	11.2	12.6	20.3	27.3	30.5	34.1	38.2	4.2
<b>Total</b>	<b>121.0</b>	<b>128.6</b>	<b>137.9</b>	<b>188.1</b>	<b>215.0</b>	<b>246.4</b>	<b>274.3</b>	<b>298.8</b>	<b>2.9</b>

See notes at end of table.

(continued on page 159)

**Table A2. World total energy consumption by region and fuel, Reference case, 2006-2035 (continued)**  
(Quadrillion Btu)

Region	History			Projections					Average annual percent change, 2008-2035
	2006	2007	2008	2015	2020	2025	2030	2035	
<b>Middle East</b>									
Liquids	12.5	12.1	12.8	14.8	14.8	15.7	17.3	18.3	1.4
Natural gas	10.8	11.2	12.2	15.4	17.8	20.0	22.4	25.2	2.7
Coal	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Nuclear	0.0	0.0	0.0	0.1	0.3	0.5	0.5	0.6	--
Other	0.3	0.3	0.1	0.4	0.6	0.6	0.7	0.8	6.6
<b>Total</b>	<b>24.0</b>	<b>24.0</b>	<b>25.6</b>	<b>31.0</b>	<b>33.9</b>	<b>37.3</b>	<b>41.3</b>	<b>45.3</b>	<b>2.1</b>
<b>Africa</b>									
Liquids	6.2	6.4	6.5	6.8	6.9	7.2	7.6	8.2	0.9
Natural gas	3.1	3.3	3.9	5.1	6.4	7.7	8.8	9.8	3.5
Coal	4.2	4.4	4.6	5.1	5.4	5.7	6.2	7.1	1.6
Nuclear	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	3.8
Other	3.5	3.6	3.7	4.3	4.7	5.1	5.6	6.0	1.9
<b>Total</b>	<b>17.2</b>	<b>17.8</b>	<b>18.8</b>	<b>21.5</b>	<b>23.6</b>	<b>25.9</b>	<b>28.5</b>	<b>31.4</b>	<b>1.9</b>
<b>Central and South America</b>									
Liquids	11.2	11.5	12.1	13.8	14.4	15.1	16.2	17.4	1.4
Natural gas	4.5	4.5	4.8	5.2	6.1	6.9	7.9	9.3	2.5
Coal	0.7	0.8	0.8	1.1	1.2	1.4	1.8	2.3	4.0
Nuclear	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.7	4.1
Other	9.2	9.6	9.8	10.7	12.1	14.1	16.3	18.1	2.3
<b>Total</b>	<b>25.9</b>	<b>26.5</b>	<b>27.7</b>	<b>31.0</b>	<b>34.2</b>	<b>38.0</b>	<b>42.6</b>	<b>47.8</b>	<b>2.0</b>
<b>Total Non-OECD</b>									
Liquids	72.1	73.4	76.4	93.1	100.1	110.3	118.7	125.5	1.9
Natural gas	53.4	55.2	58.0	68.1	76.6	85.9	95.2	104.1	2.2
Coal	80.4	85.6	92.2	114.7	121.4	135.1	149.4	162.5	2.1
Nuclear	4.4	4.5	4.6	7.9	12.2	15.8	18.3	21.4	5.9
Other	26.8	27.8	29.2	39.3	48.6	54.6	61.2	68.1	3.2
<b>Total</b>	<b>237.0</b>	<b>246.5</b>	<b>260.5</b>	<b>323.1</b>	<b>358.9</b>	<b>401.7</b>	<b>442.8</b>	<b>481.6</b>	<b>2.3</b>
<b>Total World</b>									
Liquids	171.7	172.7	173.0	187.2	195.8	207.0	216.6	225.2	1.0
Natural gas	107.5	110.9	114.3	127.3	138.0	149.4	162.3	174.7	1.6
Coal	127.2	133.3	139.0	157.3	164.6	179.7	194.7	209.1	1.5
Nuclear	27.8	27.1	27.2	33.2	38.9	43.7	47.4	51.2	2.4
Other	47.1	48.5	51.3	68.5	82.2	91.7	100.6	109.5	2.9
<b>Total</b>	<b>481.3</b>	<b>492.6</b>	<b>504.7</b>	<b>573.5</b>	<b>619.5</b>	<b>671.5</b>	<b>721.5</b>	<b>769.8</b>	<b>1.6</b>

Notes: 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:** U.S. Energy Information Administration (EIA), International Energy Statistics database (as of March 2011), website [www.eia.gov/](http://www.eia.gov/); and International Energy Agency, "Balances of OECD and Non-OECD Statistics" (2010), website [www.iea.org](http://www.iea.org) (subscription site). **Projections:** EIA, *Annual Energy Outlook 2011*, DOE/EIA-0383(2011) (Washington, DC: May 2011); AEO2011 National Energy Modeling System, run REF2011, D020911A, website [www.eia.gov/aeo](http://www.eia.gov/aeo), and World Energy Projection System Plus (2011).