

**Table D3. Delivered energy consumption in the United States by end-use sector and fuel, 2008-2035**  
(Quadrillion Btu)

Sector/fuel	2008	Projections					Average annual percent change, 2008-2035
		2015	2020	2025	2030	2035	
<b>Residential</b>							
Liquids	1.2	1.1	1.0	0.9	0.9	0.9	-1.2
Natural gas	5.0	4.9	5.0	5.0	5.0	4.9	-0.1
Coal	0.0	0.0	0.0	0.0	0.0	0.0	-1.6
Electricity	4.7	4.6	4.8	5.0	5.2	5.5	0.6
Renewables	0.4	0.4	0.4	0.4	0.4	0.4	-0.2
<b>Total</b>	<b>11.4</b>	<b>11.0</b>	<b>11.2</b>	<b>11.3</b>	<b>11.5</b>	<b>11.7</b>	<b>0.1</b>
<b>Commercial</b>							
Liquids	0.6	0.5	0.5	0.5	0.5	0.5	-0.7
Natural gas	3.2	3.5	3.6	3.7	3.8	3.9	0.7
Coal	0.1	0.1	0.1	0.1	0.1	0.1	-0.6
Electricity	4.6	4.8	5.2	5.6	6.0	6.4	1.3
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Total</b>	<b>8.6</b>	<b>9.0</b>	<b>9.5</b>	<b>9.9</b>	<b>10.5</b>	<b>11.1</b>	<b>0.9</b>
<b>Industrial</b>							
Liquids	8.9	9.3	9.2	9.2	9.0	8.9	0.0
Natural gas	8.1	9.5	9.7	9.5	9.5	9.5	0.6
Coal	1.8	1.7	1.7	1.9	2.2	2.6	1.4
Electricity	3.4	3.5	3.6	3.5	3.4	3.3	-0.2
Renewables	2.5	2.7	3.2	4.0	4.4	4.6	2.3
<b>Total</b>	<b>24.7</b>	<b>26.7</b>	<b>27.3</b>	<b>28.1</b>	<b>28.5</b>	<b>28.9</b>	<b>0.6</b>
<b>Transportation</b>							
Liquids	27.2	27.8	28.2	28.8	29.7	30.9	0.5
Natural gas	0.7	0.7	0.7	0.7	0.8	0.8	0.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	0.0	0.0	0.0	0.0	0.1	0.1	4.4
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	--
<b>Total</b>	<b>28.0</b>	<b>28.5</b>	<b>29.0</b>	<b>29.6</b>	<b>30.5</b>	<b>31.8</b>	<b>0.5</b>
<b>All end-use sectors</b>							
Liquids	38.0	38.7	38.9	39.4	40.1	41.2	0.3
Natural gas	17.0	18.6	19.0	18.9	19.1	19.2	0.5
Coal	1.9	1.7	1.8	2.0	2.3	2.7	1.3
Electricity	12.7	13.0	13.6	14.1	14.7	15.3	0.7
Renewables	3.0	3.3	3.7	4.5	4.9	5.1	1.9
<b>Delivered energy</b>	<b>72.6</b>	<b>75.3</b>	<b>77.0</b>	<b>78.9</b>	<b>81.1</b>	<b>83.5</b>	<b>0.5</b>
Electricity-related losses	27.5	26.7	28.0	29.0	29.9	30.7	0.4
<b>Total</b>	<b>100.1</b>	<b>102.0</b>	<b>104.9</b>	<b>108.0</b>	<b>111.0</b>	<b>114.2</b>	<b>0.5</b>
<b>Electric power<sup>a</sup></b>							
Liquids	0.5	0.4	0.4	0.5	0.5	0.5	0.0
Natural gas	6.8	7.2	7.0	6.8	7.5	8.1	0.6
Coal	20.5	18.0	19.1	20.6	21.1	21.6	0.2
Nuclear	8.4	8.8	9.2	9.2	9.2	9.1	0.3
Renewables	4.0	5.4	5.8	6.1	6.4	6.7	2.0
<b>Total</b>	<b>40.2</b>	<b>39.7</b>	<b>41.5</b>	<b>43.2</b>	<b>44.6</b>	<b>46.0</b>	<b>0.5</b>
<b>Total energy consumption</b>							
Liquids	38.5	39.1	39.4	39.8	40.6	41.7	0.3
Natural gas	23.8	25.8	26.0	25.7	26.6	27.2	0.5
Coal	22.4	19.7	20.8	22.6	23.4	24.3	0.3
Nuclear	8.4	8.8	9.2	9.2	9.2	9.1	0.3
Renewables	7.0	8.6	9.5	10.6	11.3	11.8	1.9
<b>Total</b>	<b>100.1</b>	<b>102.0</b>	<b>104.9</b>	<b>108.0</b>	<b>111.0</b>	<b>114.2</b>	<b>0.5</b>

<sup>a</sup>Fuel inputs used in the production of electricity and heat at central-station generators.

Sources: 2008: Derived from U.S. Energy Information Administration (EIA), International Energy Statistics database (as of March 2011), website [www.eia.gov/ies](http://www.eia.gov/ies); 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).