

**Table F13. Delivered energy consumption in China by end-use sector and fuel, 2010-2040**  
(quadrillion Btu)

Sector/fuel	2010	Projections						Average annual percent change, 2010-2040
		2015	2020	2025	2030	2035	2040	
<b>Residential</b>								
Liquids	1.2	1.1	1.1	1.1	1.0	1.0	0.9	-1.0
Natural gas	0.9	1.6	2.5	3.5	4.7	5.9	7.1	7.2
Coal	3.0	2.9	3.0	3.0	3.0	3.0	2.9	-0.2
Electricity	1.8	2.7	3.8	5.0	6.3	7.8	9.2	5.7
<b>Total</b>	<b>6.9</b>	<b>8.3</b>	<b>10.3</b>	<b>12.5</b>	<b>15.0</b>	<b>17.7</b>	<b>20.0</b>	<b>3.6</b>
<b>Commercial</b>								
Liquids	1.1	1.0	1.0	1.0	1.0	0.9	0.8	-0.8
Natural gas	0.2	0.4	0.6	0.9	1.2	1.5	1.8	7.1
Coal	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1
Electricity	0.7	1.0	1.4	1.9	2.6	3.5	4.4	6.5
<b>Total</b>	<b>2.5</b>	<b>2.8</b>	<b>3.5</b>	<b>4.3</b>	<b>5.3</b>	<b>6.4</b>	<b>7.6</b>	<b>3.8</b>
<b>Industrial</b>								
Liquids	8.4	10.2	11.4	12.2	12.7	13.0	13.0	1.5
Natural gas	1.8	2.5	3.2	3.8	4.2	4.5	4.6	3.2
Coal	31.0	39.5	46.1	50.4	52.8	52.7	49.4	1.6
Electricity	9.9	14.4	17.8	20.4	22.3	23.3	22.9	2.9
<b>Total</b>	<b>51.5</b>	<b>67.3</b>	<b>79.3</b>	<b>87.8</b>	<b>93.1</b>	<b>94.7</b>	<b>91.0</b>	<b>1.9</b>
<b>Transportation</b>								
Liquids	8.4	11.5	14.3	17.1	19.3	22.3	25.8	3.8
Natural gas	0.3	0.3	0.3	0.3	0.3	0.4	0.4	1.0
Coal	0.1	0.0	0.0	0.0	0.0	0.0	0.0	--
Electricity	0.1	0.2	0.3	0.3	0.3	0.4	0.4	3.8
<b>Total</b>	<b>9.0</b>	<b>12.0</b>	<b>14.9</b>	<b>17.7</b>	<b>20.0</b>	<b>23.1</b>	<b>26.6</b>	<b>3.7</b>
<b>All end-use sectors</b>								
Liquids	19.0	23.8	27.8	31.4	34.0	37.2	40.4	2.5
Natural gas	3.3	4.9	6.6	8.5	10.4	12.4	14.0	5.0
Coal	34.6	42.9	49.5	53.9	56.3	56.2	52.8	1.4
Electricity	12.4	18.2	23.2	27.6	31.6	35.0	36.8	3.7
<b>Delivered energy</b>	<b>69.9</b>	<b>90.5</b>	<b>108.0</b>	<b>122.3</b>	<b>133.4</b>	<b>141.9</b>	<b>145.2</b>	<b>2.5</b>
Electricity-related losses	31.4	41.7	50.9	58.6	65.6	71.4	74.7	2.9
<b>Total</b>	<b>101.2</b>	<b>132.2</b>	<b>159.0</b>	<b>180.9</b>	<b>198.9</b>	<b>213.3</b>	<b>219.9</b>	<b>2.6</b>
<b>Electric power<sup>a</sup></b>								
Liquids	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.2
Natural gas	0.7	1.0	1.5	2.3	3.2	4.0	4.4	6.3
Coal	34.8	44.5	50.0	56.9	62.6	66.9	68.6	2.3
Nuclear	0.7	3.1	6.3	8.1	9.8	11.6	13.4	10.3
<b>Total</b>	<b>43.8</b>	<b>60.0</b>	<b>74.1</b>	<b>86.1</b>	<b>97.1</b>	<b>106.4</b>	<b>111.5</b>	<b>3.2</b>
<b>Total energy consumption</b>								
Liquids	19.1	23.8	27.9	31.4	34.0	37.2	40.5	2.5
Natural gas	4.0	5.9	8.1	10.8	13.7	16.4	18.4	5.3
Coal	69.4	87.4	99.6	110.8	118.9	123.2	121.5	1.9
Nuclear	0.7	3.1	6.3	8.1	9.8	11.6	13.4	10.3
<b>Total</b>	<b>101.2</b>	<b>132.2</b>	<b>159.0</b>	<b>180.9</b>	<b>198.9</b>	<b>213.3</b>	<b>219.9</b>	<b>2.6</b>

<sup>a</sup>Fuel inputs used in the production of electricity and heat, excluding captive generators.

Sources: 2010: Derived from U.S. Energy Information Administration (EIA), International Energy Statistics database (as of November 2012), [www.eia.gov/ies](http://www.eia.gov/ies); and International Energy Agency, "Balances of OECD and Non-OECD Statistics" (2012), [www.iea.org](http://www.iea.org) (subscription site). Projections: EIA, World Energy Projection System Plus (2013).