

**Table F2. Total OECD delivered energy consumption 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	4.3	4.0	3.9	3.8	3.7	3.5	3.4	-0.8
Natural gas	12.0	11.9	12.2	12.5	12.8	12.9	12.9	0.3
Coal	0.8	0.8	0.7	0.7	0.7	0.6	0.6	-1.4
Electricity	10.6	11.1	11.7	12.5	13.2	13.9	14.6	1.1
<b>Total</b>	<b>28.2</b>	<b>28.1</b>	<b>29.0</b>	<b>29.9</b>	<b>30.8</b>	<b>31.3</b>	<b>32.0</b>	<b>0.4</b>
<b>Commercial</b>								
Liquids	2.6	2.4	2.4	2.3	2.3	2.2	2.2	-0.7
Natural gas	6.8	7.0	7.3	7.6	8.0	8.2	8.4	0.7
Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.9
Electricity	10.4	11.2	12.0	12.9	13.9	14.8	15.7	1.4
<b>Total</b>	<b>20.2</b>	<b>20.9</b>	<b>22.0</b>	<b>23.2</b>	<b>24.4</b>	<b>25.5</b>	<b>26.5</b>	<b>0.9</b>
<b>Industrial</b>								
Liquids	27.4	27.5	29.3	30.3	31.0	31.7	32.6	0.6
Natural gas	19.4	20.2	21.7	22.7	23.5	24.3	25.2	0.9
Coal	8.7	8.7	9.0	9.2	9.2	9.2	9.2	0.2
Electricity	11.0	11.3	12.0	12.4	12.6	12.9	13.2	0.6
<b>Total</b>	<b>71.9</b>	<b>72.9</b>	<b>77.5</b>	<b>80.4</b>	<b>82.2</b>	<b>84.4</b>	<b>87.1</b>	<b>0.6</b>
<b>Transportation</b>								
Liquids	56.5	54.6	54.4	53.2	52.6	52.6	52.8	-0.2
Natural gas	1.0	1.0	1.1	1.1	1.3	1.7	2.2	2.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Electricity	0.4	0.4	0.4	0.5	0.5	0.5	0.6	1.3
<b>Total</b>	<b>57.9</b>	<b>56.0</b>	<b>55.9</b>	<b>54.8</b>	<b>54.5</b>	<b>54.8</b>	<b>55.5</b>	<b>-0.1</b>
<b>All end-use sectors</b>								
Liquids	90.9	88.5	89.9	89.6	89.5	90.0	91.0	0.0
Natural gas	39.2	40.1	42.3	44.1	45.6	47.0	48.6	0.7
Coal	9.8	9.7	9.9	10.1	10.1	10.0	9.9	0.1
Electricity	32.4	33.9	36.1	38.3	40.2	42.1	44.1	1.0
<b>Delivered energy</b>	<b>178.1</b>	<b>177.9</b>	<b>184.3</b>	<b>188.3</b>	<b>191.9</b>	<b>196.0</b>	<b>201.2</b>	<b>0.4</b>
Electricity-related losses	64.1	66.2	70.2	74.4	77.3	80.1	83.4	0.9
<b>Total</b>	<b>242.2</b>	<b>244.1</b>	<b>254.6</b>	<b>262.7</b>	<b>269.2</b>	<b>276.1</b>	<b>284.6</b>	<b>0.5</b>
<b>Electric power<sup>a</sup></b>								
Liquids	1.9	2.1	1.5	1.5	1.4	1.3	1.3	-1.2
Natural gas	18.3	20.0	21.1	22.3	24.5	27.3	29.6	1.6
Coal	35.1	32.5	32.4	32.7	32.7	32.8	32.7	-0.2
Nuclear	22.6	22.0	24.4	26.6	27.7	27.6	28.1	0.7
<b>Total</b>	<b>96.5</b>	<b>100.1</b>	<b>106.4</b>	<b>112.6</b>	<b>117.5</b>	<b>122.2</b>	<b>127.5</b>	<b>0.9</b>
<b>Total energy consumption</b>								
Liquids	92.8	90.6	91.4	91.0	90.9	91.4	92.3	0.0
Natural gas	57.5	60.1	63.4	66.3	70.0	74.2	78.2	1.0
Coal	44.8	42.2	42.3	42.8	42.7	42.8	42.7	-0.2
Nuclear	22.6	22.0	24.4	26.6	27.7	27.6	28.1	0.7
<b>Total</b>	<b>242.2</b>	<b>244.1</b>	<b>254.6</b>	<b>262.7</b>	<b>269.2</b>	<b>276.1</b>	<b>284.6</b>	<b>0.5</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, *Annual Energy Outlook 2013*, DOE/EIA-0383(2013) (Washington, DC: April 2013); AEO2013 National Energy Modeling System, run REF2013.D102312A, [www.eia.gov/aeo](http://www.eia.gov/aeo); and World Energy Projection System Plus (2013).