

Table F6. Delivered energy consumption in OECD Europe by end-use sector and fuel, 2011–40
(quadrillion Btu)

Sector/fuel	History		Projections					Average annual percent change, 2012–40
	2011	2012	2020	2025	2030	2035	2040	
Residential								
Liquids	1.9	1.8	2.0	2.0	2.0	1.9	1.9	0.1
Natural gas	4.9	5.2	6.0	6.4	6.7	6.9	6.8	1.0
Coal	0.7	0.7	0.7	0.6	0.6	0.6	0.6	-0.4
Electricity	3.1	3.2	3.6	3.9	4.2	4.4	4.7	1.4
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8
Total	10.8	11.0	12.5	13.1	13.6	14.0	14.2	0.9
Commercial								
Liquids	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0
Natural gas	2.1	2.2	2.7	2.8	3.0	3.0	2.8	0.9
Coal	0.1	0.3	0.3	0.2	0.2	0.2	0.2	-0.5
Electricity	3.2	3.3	3.8	4.1	4.5	4.9	5.4	1.8
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total	6.2	6.5	7.5	8.0	8.5	8.9	9.2	1.3
Industrial								
Liquids	9.1	8.7	8.7	8.8	9.0	9.0	9.1	0.2
Natural gas	6.7	6.5	6.5	6.7	6.8	6.9	6.9	0.2
Coal	3.2	3.1	3.0	3.1	3.1	3.1	3.2	0.1
Electricity	4.4	4.2	4.3	4.4	4.5	4.6	4.6	0.3
Renewables	1.9	1.9	1.9	1.9	1.9	1.9	1.9	-0.1
Total	25.1	24.4	24.4	24.9	25.3	25.5	25.6	0.2
Transportation								
Liquids	18.8	18.4	18.3	17.9	18.1	18.4	18.8	0.1
Natural gas	0.1	0.1	0.1	0.2	0.3	0.5	0.6	8.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—
Electricity	0.1	0.1	0.1	0.1	0.2	0.3	0.4	4.0
Total	19.0	18.6	18.5	18.2	18.6	19.1	19.8	0.2
All end-use sectors								
Liquids	30.5	29.7	29.8	29.6	29.8	30.1	30.5	0.1
Natural gas	13.8	13.9	15.3	16.1	16.8	17.2	17.2	0.8
Coal	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0
Electricity	10.8	10.9	11.8	12.6	13.3	14.1	15.1	1.2
Renewables	2.0	2.1	2.0	2.0	2.1	2.0	2.0	-0.1
Delivered energy	61.1	60.6	62.9	64.2	66.0	67.5	68.8	0.5
Electricity-related losses	20.8	20.8	22.0	23.2	24.3	25.6	26.7	0.9
Total	82.0	81.4	84.9	87.5	90.3	93.1	95.5	0.6
Electric power^a								
Liquids	0.4	0.5	0.4	0.4	0.4	0.4	0.4	-0.8
Natural gas	5.4	4.3	4.4	5.0	6.1	7.1	8.9	2.6
Coal	8.9	9.4	9.2	9.4	9.1	8.8	8.6	-0.3
Nuclear	8.8	8.6	7.9	8.3	8.8	9.0	8.5	0.0
Renewables	8.7	9.5	13.7	14.6	15.2	16.4	17.5	2.2
Total	32.1	32.2	35.7	37.8	39.6	41.8	43.9	1.1
Unspecified sector	-0.3	-0.5	-1.9	-2.0	-2.0	-2.1	-2.1	—
Total energy consumption								
Liquids	30.4	29.6	28.3	28.0	28.2	28.5	28.8	-0.1
Natural gas	19.2	18.3	19.7	21.1	23.0	24.3	26.1	1.3
Coal	12.9	13.4	13.2	13.3	13.1	12.8	12.6	-0.2
Nuclear	8.8	8.6	7.9	8.3	8.8	9.0	8.5	0.0
Renewables	10.7	11.5	15.7	16.7	17.3	18.5	19.6	1.9
Total	82.0	81.4	84.9	87.5	90.3	93.1	95.5	0.6

^aFuel inputs used in the production of electricity and heat, excluding captive generators.

Sources: **History:** Derived from U.S. Energy Information Administration (EIA), International Energy Statistics database (as of May 2015), www.eia.gov/ies; and International Energy Agency, "Balances of OECD and Non-OECD Statistics" (2014), www.iea.org (subscription site). **Projections:** World Energy Projection System Plus (2016), run IEO2016-reference_final_2016.02.19_115008.