

Vital Signs: New Hampshire Economic and Social Indicators

## 8. Energy

Retail Sales of Electricity	2010	2011	2012	2013	2014
Sales to Ultimate Customers (million kWh)					
New Hampshire:					
Total	10,890	10,869	10,870	11,043	10,975
Percent change	1.8%	-0.2%	0.0%	1.6%	-0.6%
Residential	4,485	4,454	4,439	4,554	4,522
Percent change	1.4%	-0.7%	-0.3%	2.6%	-0.7%
Commercial	4,462	4,478	4,478	4,517	4,490
Percent change	0.5%	0.4%	0.0%	0.9%	-0.6%
Industrial	1,942	1,936	1,953	1,973	1,964
Percent change	5.8%	-0.3%	0.9%	1.0%	-0.5%
New England:					
Total	123,331	120,995	120,456	121,358	119,002
Percent change	3.5%	-1.9%	-0.4%	0.7%	-1.9%
Residential	48,577	47,481	47,208	48,370	47,225
Percent change	5.8%	-2.3%	-0.6%	2.5%	-2.4%
Commercial	45,948	45,018	44,864	44,939	52,849
Percent change	1.6%	-2.0%	-0.3%	0.2%	17.6%
Industrial	28,237	27,927	27,818	27,472	18,350
Percent change	2.7%	-1.1%	-0.4%	-1.2%	-33.2%

Source: U.S. Energy Information Administration, ELMI Analysis. Last Update 5/7/2015

Electricity Generated	2010	2011	2012	2013	2014
Net Electrical Energy Generated, New Hampshire (million kWh)					
	22,196	20,066	19,264	19,779	19,584
As percentage of energy purchased	203.8%	184.6%	177.2%	179.1%	178.4%
Energy by type (million kWh)					
Coal	3,083	2,208	1,268	1,465	1,311
Hydro	1,478	1,605	1,289	1,427	1,381
Natural Gas	5,365	6,658	7,050	4,100	4,388
Nuclear	10,910	8,363	8,189	10,927	10,168
Petroleum	72	78	22	105	297
Renewables	1,232	1,091	1,381	1,695	1,995
As percentage of total generated by type: <sup>a</sup>					
Coal	13.9%	11.0%	6.6%	7.4%	6.7%
Hydro	6.7%	8.0%	6.7%	7.2%	7.1%
Natural Gas	24.2%	33.2%	36.6%	20.7%	22.4%
Nuclear	49.2%	41.7%	42.5%	55.2%	51.9%
Petroleum	0.3%	0.4%	0.1%	0.5%	1.5%
Renewables	5.6%	5.4%	7.2%	8.6%	10.2%

<sup>a</sup> Other energy sources, accounting for less than one percent of generation, include municipal solid waste, purchased steam, and miscellaneous technologies.

Source: U.S. Energy Information Administration, ELMI Analysis. Last Update 5/7/2015

Vital Signs: New Hampshire Economic and Social Indicators

## 8. Energy

Energy and Fuel Consumption	2010	2011	2012	2013	2014
<b>Energy Consumption</b>					
Total consumption (trillion BTU)	295.6	292.1	283.9		
Annual percent change	-1.1%	-1.2%	-2.8%		
United States rank	46	46	46		
<b>Types of energy consumption (percent of total)</b>					
Residential	29.4%	29.7%	28.6%		
Commercial	22.4%	22.8%	23.4%		
Industrial	12.4%	12.1%	12.5%		
Transportation	35.8%	35.4%	100.0%		
<b>Fuel Consumed to Generate Electricity (In equivalent barrels of oil)</b>					
New Hampshire total (thousand barrels)	29,462	25,336	24,372		
Oil	135	143	57		
Coal	4,023	2,871	1,661		
Gas	6,562	7,904	8,536		
Nuclear	18,743	14,419	14,119		

Source: U.S. Energy Information Administration, ELMI Analysis. Last Update 6/30/2014

These data are made available every two years

Energy Expenditures and Prices	2010	2011	2012	2013	2014
<b>Energy Expenditures Per Capita</b>					
Energy Expenditures Per Capita	\$3,971	\$4,526	\$4,447		
United States rank (including DC)	26	26	23		
<b>Energy Prices (\$ per million BTU)</b>					
Energy Prices (\$ per million BTU)	\$23.92	\$27.36	\$28.35		
United States rank (including DC) (1 = lowest)	48	47	48		
<b>Petroleum prices (\$ per million BTU)</b>					
Petroleum prices (\$ per million BTU)	\$21.35	\$26.47	\$28.22		
United States rank (including DC) (1 = lowest)	38	21	38		
<b>Electric prices (\$ per million BTU)</b>					
Electric prices (\$ per million BTU)	\$43.49	\$43.20	\$41.60		
United States rank (including DC) (1 = lowest)	46	46	45		

Source: U.S. Energy Information Administration, ELMI Analysis. Last Update 6/30/2014

These data are made available every two years

Prepared by: New Hampshire Employment Security, Economic and Labor Market Information Bureau

- [www.nhes.nh.gov/elmi](http://www.nhes.nh.gov/elmi)
- (603) 228-4124