

2016 NEW YORK STATE ENERGY FAST FACTS

PRIMARY ENERGY CONSUMPTION

1.7% lower than 2015

Primary consumption (4.1% of U.S. total) (trillion Btu).....3,670.2

By sector:

Residential.....	(15.2% )	.....	558.1
Commercial.....	(10.3% )	.....	378.6
Industrial.....	(3.7% )	.....	136.2
Transportation.....	(30.8%)	.....	1,130.9
Electric Generation.....	(40.0%)	.....	1,466.5

By fuel type:

Petroleum.....	(33.9%)	.....	1,244.3
Natural Gas.....	(36.4%)	.....	1,335.1
Nuclear.....	(11.8%)	.....	434.8
Hydro.....	(6.4%)	.....	235.0
Net Imported Electricity.....	(6.2%)	.....	226.1
Other ¹	(4.5%)	.....	165.2
Coal.....	(0.8%)	.....	29.7

Primary consumption per capita (million Btu)..... 185.9

NET ENERGY CONSUMPTION AND EXPENDITURES

Net Energy Consumption (trillion Btu) Estimated Expenditures (billion dollars)

Total:.....2,708.0.....\$48.8

By sector:

Residential.....	(27.0%)	.....	731.6	.....	(31.9%)	.....	\$15.6
Commercial.....	(23.6%)	.....	639.6	.....	(27.8%)	.....	\$13.6
Industrial.....	(7.3%)	.....	196.6	.....	( 3.6%)	.....	\$1.8
Transportation.....	(42.1%)	.....	1,140.3	.....	(36.7%)	.....	\$17.9

By fuel type:

Petroleum.....	(45.7%)	.....	1,238.4	.....	(43.5%)	.....	\$20.6
Natural Gas.....	(31.3%)	.....	848.6	.....	( 14.3%)	.....	\$6.8
Electricity.....	(18.6%)	.....	504.3	.....	(41.9%)	.....	\$21.4
Other ¹	(3.8%)	.....	102.6	.....	( 0.2%)	.....	<\$0.1
Coal.....	(0.5%)	.....	14.0	.....	( 0.1%)	.....	<\$0.1

Estimated energy expenditures leaving the State (billions).....\$22.3

AVERAGE ENERGY PRICES

	2016	2015
Gasoline - all grades (gallon).....	\$2.18	\$2.46
Heating Oil (gallon).....	\$2.27	\$2.65
Natural Gas (thousand cubic feet)		
Residential.....	\$10.85	\$11.20
Commercial.....	\$6.18	\$ 6.86
Industrial.....	\$5.92	\$ 6.62
Electricity (kilowatt-hour)		
Residential.....	17.6¢	18.5¢
Commercial.....	14.4¢	15.3¢
Industrial.....	6.0¢	6.3¢

GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION

Total (million metric tons of CO₂ equivalent).....167.0

By sector:

Residential.....	(18.5%)	.....	30.9
Commercial.....	(12.4%)	.....	20.7
Industrial.....	(6.1%)	.....	10.2
Transportation.....	(44.1%)	.....	73.7
Electric Generation.....	(18.9%)	.....	31.5

By fuel type:

Petroleum.....	(54.1%)
Natural Gas.....	(43.9%)
Coal.....	(2.0%)

Greenhouse gas emissions per capita (metric tons of CO₂ equivalent).....8.5

¹Ethanol (46.6 Tbtu) is included in "Other" totals and also as a component of motor gasoline. Total consumption and percentages are based on ethanol only as "Other."

ELECTRICITY

Sales decreased 0.7% from 2015

Sales to ultimate consumers (gigawatt-hours)147,803

By sector:

Residential.....	(34.4%)	.....	50,831
Commercial.....	(51.7%)	.....	76,507
Industrial.....	(12.0%)	.....	17,709
Transportation.....	(1.9% )	.....	2,756

Generation (gigawatt-hours).....160,798

By fuel type:

Nuclear.....	(25.9%)	.....	41,638
Natural Gas.....	(35.3%)	.....	56,793
Hydro.....	(16.9%)	.....	27,150
Net Imported Electricity.....	(16.2%)	.....	26,117
Coal.....	(0.9%)	.....	1,493
Petroleum.....	(0.4%)	.....	643
Other ¹	(1.9%)	.....	3,021
Wind.....	(2.5%)	.....	3,943

PETROLEUM

Consumption increased 0.5% from 2015

Consumption (4.2% of U.S. total) (million barrels) 229.9

By sector:

Residential.....	(9.2%)	.....	21.6
Commercial.....	(4.6%)	.....	10.5
Industrial.....	(1.4%)	.....	3.4
Transportation.....	(84.3%)	.....	193.4
Electric Generation.....	(0.5%)	.....	1.0

In-State production (thousand barrels) 222.0

NATURAL GAS

Consumption decreased 4.3% from 2015

Consumption (4.7% of U.S. total) (billion cubic feet).....1,294.9

By sector:

Residential.....	(31.7%)	.....	410.8
Commercial.....	(23.2%)	.....	300.6
Industrial.....	(6.0%)	.....	77.4
Transportation.....	(2.6%)	.....	33.7
Electric Generation.....	(36.5%)	.....	472.4

In-State production (billion cubic feet) 13.4

ADDITIONAL 2016 STATISTICS

Population (6.1% of U.S. total) (million).....	19.7
Number of housing units (million).....	8.2
Gross State Product (billion 2016 dollars).....	\$1,541.0
Motor vehicle registrations (million).....	11.1
Vehicle miles of travel (billion miles).....	122.9
Heating degree-days (decreased 9.0% from 2015).....	5,642
Cooling degree-days (increased 19.3% from 2015).....	799

Note: Totals may not sum exactly due to rounding.

DATA SOURCE

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