

**2012  
NEW YORK STATE  
ENERGY FAST FACTS**

**PRIMARY ENERGY CONSUMPTION**

*1.9% lower than 2011*

Primary consumption (4.1% of U.S. total) (trillion Btu) ..... 3,589.9

By sector:

Residential .....	(15.0%)	537.5
Commercial .....	(10.3%)	370.0
Industrial.....	( 3.8%)	136.5
Transportation .....	(28.7%)	1,031.5
Electric Generation .....	(42.2%)	1,514.4

By fuel type:

Petroleum .....	(33.9%)	1,217.8
Natural gas .....	(35.1%)	1,261.0
Nuclear.....	(11.9%)	427.3
Hydro .....	( 6.4%)	228.1
Net Imported Electricity.....	( 6.6%)	236.0
Other <sup>1</sup> .....	( 4.1%)	147.4
Coal.....	( 2.0%)	72.3

Primary consumption per capita (million Btu) ..... 183.4

**NET ENERGY CONSUMPTION AND EXPENDITURES**

	Net Energy Consumption (trillion Btu)	Estimated Expenditures (billion dollars)
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Total: ..... 2,563.9 ..... \$63.9

By sector:

Residential .....	(27.7%)	710.5	(28.0%)	\$17.9
Commercial .....	(24.6%)	629.3	(24.3%)	\$15.5
Industrial.....	( 7.1%)	183.2	( 3.3%)	\$2.1
Transportation ...	(40.6%)	1,040.9	(44.4%)	\$28.4

By fuel type:

Petroleum.....	(47.3%)	1,212.6	(54.5%)	\$34.8
Natural gas.....	(29.1%)	747.3	(11.4%)	\$7.3
Electricity.....	(19.1%)	488.5	(33.9%)	\$21.7
Other <sup>1</sup> .....	( 3.6%)	91.9		
Coal.....	( 0.9%)	23.6	( 0.2%)	\$0.1

Estimated energy expenditures leaving the state (billions) ..... \$38.9

**AVERAGE ENERGY PRICES**

	<b>2012</b>	<b>2011</b>
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Gasoline - all grades (gallon) ..... \$3.65 ..... \$3.51

Heating oil (gallon) ..... \$3.94 ..... \$3.55

Natural gas (thousand cubic feet)

Residential .....	\$12.87	\$13.64
Commercial .....	\$7.79	\$9.28
Industrial.....	\$6.87	\$8.15

Electricity (kilowatt-hour)

Residential .....	17.6¢	18.3¢
Commercial .....	15.1¢	15.8¢
Industrial.....	6.7¢	7.8¢

**GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION**

Total (million metric tons of CO<sub>2</sub> equivalent)..... 171.9

By sector:

Residential .....	(17.8%)	30.7
Commercial .....	(12.2%)	21.0
Industrial.....	( 6.2%)	10.6
Transportation .....	(39.6%)	68.0
Electric Generation .....	(24.2%)	41.6

By fuel type:

Petroleum.....	(56.7%)
Natural gas.....	(39.2%)
Coal.....	( 4.1%)

Greenhouse gas emissions per capita

(metric tons of CO<sub>2</sub> equivalent) ..... 8.8

<sup>1</sup>Ethanol (48.1 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 0.6% from 2011*

Sales to ultimate consumers (gigawatt-hours)..... 143,163

By sector:

Residential .....	(35.4%)	50,692
Commercial.....	(53.1%)	76,018
Industrial .....	( 9.6%)	13,705
Transportation .....	( 1.9%)	2,748

Generation (gigawatt-hours)..... 162,842

By fuel type:

Nuclear .....	(25.0%)	40,775
Natural Gas.....	(36.5%)	59,462
Hydro .....	(15.5%)	25,303
Net Imported Electricity .....	(16.1%)	26,182
Coal .....	( 2.8%)	4,551
Petroleum.....	( 0.4%)	580
Other.....	( 1.9%)	2,998
Wind.....	( 1.8%)	2,992

**PETROLEUM**

*Consumption increased 1.2% from 2011*

Consumption (4.4% of U.S. total) (million barrels) ..... 219.1

By sector:

Residential .....	(12.1%)	26.8
Commercial.....	( 6.8%)	14.5
Industrial .....	( 1.8%)	3.9
Transportation .....	(78.9%)	173.1
Electric generation .....	( 0.4%)	0.9

In-State production (thousand barrels) ..... 353.0

**NATURAL GAS**

*Consumption increased 0.5% from 2011*

Consumption (4.8% of U.S. total) (billion cubic feet) ..... 1,223.1

By sector:

Residential .....	(29.3%)	357.7
Commercial.....	(22.1%)	270.2
Industrial .....	( 6.1%)	74.6
Transportation .....	( 1.8%)	21.5
Electric generation .....	(40.7%)	499.1

In-State production (billion cubic feet) ..... 26.4

**ADDITIONAL 2012 STATISTICS**

Population (6.2% of U.S. total) (million) ..... 19.6

Number of housing units (million) ..... 8.1

Gross State Product (billion 2012 dollars) ..... \$1,280.7

Motor vehicle registrations (million) ..... 10.4

Vehicle miles of travel (billion miles) ..... 128.2

Heating degree-days (decreased 7.5% from 2011) ..... 5,174

Cooling degree-days (decreased 12.3% from 2011)..... 725

Note: Totals may not sum exactly due to rounding.

**DATA SOURCE**

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