

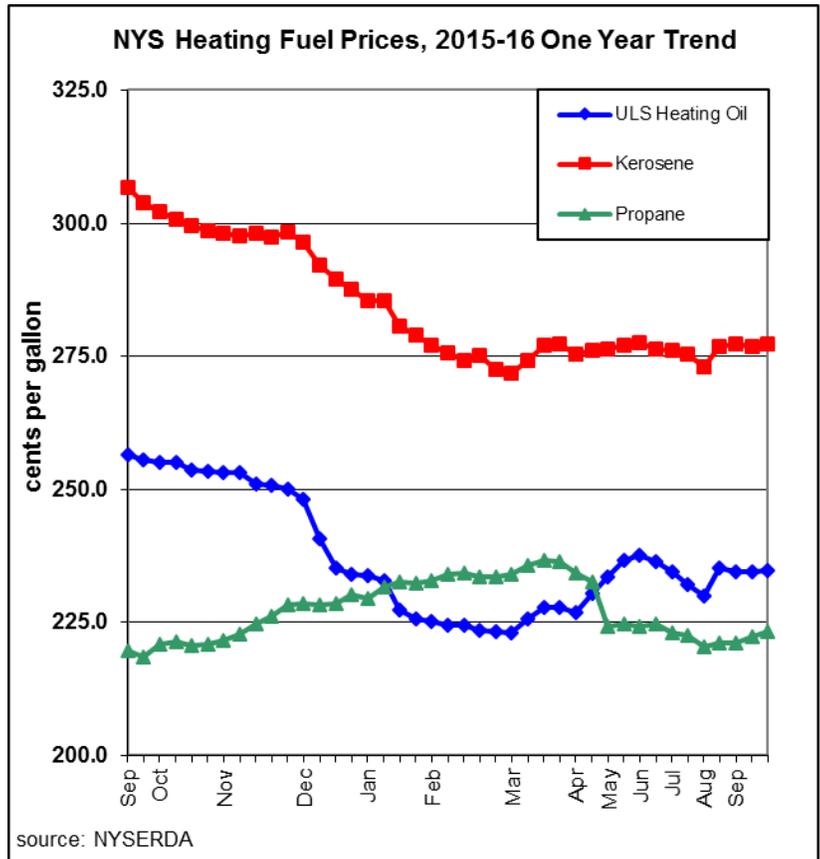
Highlights

- U.S. crude oil inventories decreased by 6.2 million barrels since last week to 504.6 million barrels. U.S. crude oil inventories remain 50.6 million barrels (11.2%) higher than last year’s level of 454.0 million barrels.
- Mid-Atlantic ultra-low sulfur distillate inventories increased by 1.4% since last week to 34.7 million barrels, 16.1% greater than the year-ago level of 29.9 million barrels.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil, kerosene, and propane all increased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on September 12th, prices increased 0.3¢/gallon (0.1%) to 234.7¢/gallon for ULS heating oil, and 0.3¢/gallon (0.1%) to 277.2¢/gallon for kerosene, and 1.0¢/gallon (0.4%) to 223.3¢/gallon for propane. Compared to a year earlier, prices decreased 21.7¢/gallon (8.5%) for heating oil, 29.5¢/gallon (9.6%) for kerosene and the price increased 3.7¢/gallon (1.7%) for propane.

Crude Oil Prices—For the week ending 9/16/16, WTI crude oil spot prices averaged \$44.34/bbl, a decrease of \$1.62/bbl (3.5%) from the week-ago average of \$45.96/bbl. WTI prices are now \$1.14/bbl (2.5%) below the year-ago weekly average of \$45.48/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 9/16/16, Henry Hub natural gas spot prices averaged \$3.002 per million Btu (mmBtu), an increase of \$0.149/mmBtu (5.2%) from the prior week level of \$2.853/mmBtu. Prices are currently \$0.316/mmBtu (11.8%) above the year-earlier weekly average of \$2.686/mmBtu.



Residential Natural Gas Prices—The NYS average price in June 2016 was \$1.437/therm, an increase of \$0.375/therm (35.4%) from the prior month of \$1.061/therm, and was \$0.147/therm (9.3%) lower than the year earlier average of \$1.584/therm.

Middle Atlantic Stocks—Current and historic heating fuel inventory data is presented in the table below.

Middle Atlantic Region, Weekly Inventories (million barrels)							
Fuel Type	9/16/2016	9/9/2016	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	34.7	34.2	1.4%	29.9	16.1%	17.3	100.4%
Non-road Diesel (15-500 ppm)	2.4	2.3	1.4%	1.3	85.4%	1.3	83.5%
High Sulfur Distillate (>500 ppm)	2.8	3.2	-12.3%	5.4	-49.0%	10.3	-73.2%
Total Distillate Oil	39.8	39.7	0.3%	36.6	8.8%	28.9	37.7%
Propane	4.548	3.485	30.5%	3.057	48.8%	2.060	120.8%
#6 Residual Oil	7.7	7.7	0.2%	6.4	19.5%	6.3	22.0%
US Natural Gas	n/a	3,499	n/a	3,411	n/a	3,283	n/a
US Crude Oil	504.6	510.8	-1.2%	454.0	11.2%	375.3	34.5%

Notes: Natural Gas in billion cubic feet (Bcf); Middle Atlantic is DE, DC, MD, NJ, NY, and PA

ppm = parts per million sulfur content

Source: US DOE/EIA



New York State Retail ULS #2 Heating Oil Posted Credit Prices (cents per gallon)					
REGION	9/19/2016	9/12/2016	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	253.6	254.4	-0.3%	272.3	-6.9%
New York City	248.5	249.6	-0.4%	273.7	-9.2%
Lower Hudson	243.1	242.7	0.2%	258.1	-5.8%
Upper Hudson	226.3	224.2	0.9%	243.9	-7.2%
Capital District	222.8	221.6	0.5%	244.8	-9.0%
North Country	218.9	218.9	0.0%	251.5	-13.0%
Central	212.6	212.0	0.3%	233.6	-9.0%
Western	230.7	230.1	0.3%	257.5	-10.4%
Statewide	234.7	234.4	0.1%	256.4	-8.5%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	277.5	277.5	0.0%	274.1	1.2%
Mid-Hudson	222.8	221.2	0.7%	225.8	-1.3%
Capital District	231.1	230.1	0.4%	230.2	0.4%
North Country	262.4	262.4	0.0%	232.3	13.0%
Central	196.2	195.7	0.3%	194.2	1.0%
Western	200.9	198.3	1.3%	200.1	0.4%
Statewide	223.3	222.3	0.4%	219.6	1.7%
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	289.6	290.0	-0.1%	326.3	-11.2%
Capital District	272.8	271.6	0.4%	297.0	-8.1%
North Country	283.5	283.0	0.2%	301.3	-5.9%
Central	263.8	263.0	0.3%	293.3	-10.1%
Western	262.8	262.8	0.0%	295.8	-11.2%
Statewide	277.2	276.9	0.1%	306.7	-9.6%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	June 2016	May 2016	% Change vs. Prior Month	June 2015	% Change vs. Last Year
Statewide	1.437	1.061	35.4%	1.584	-9.3%

* Revision

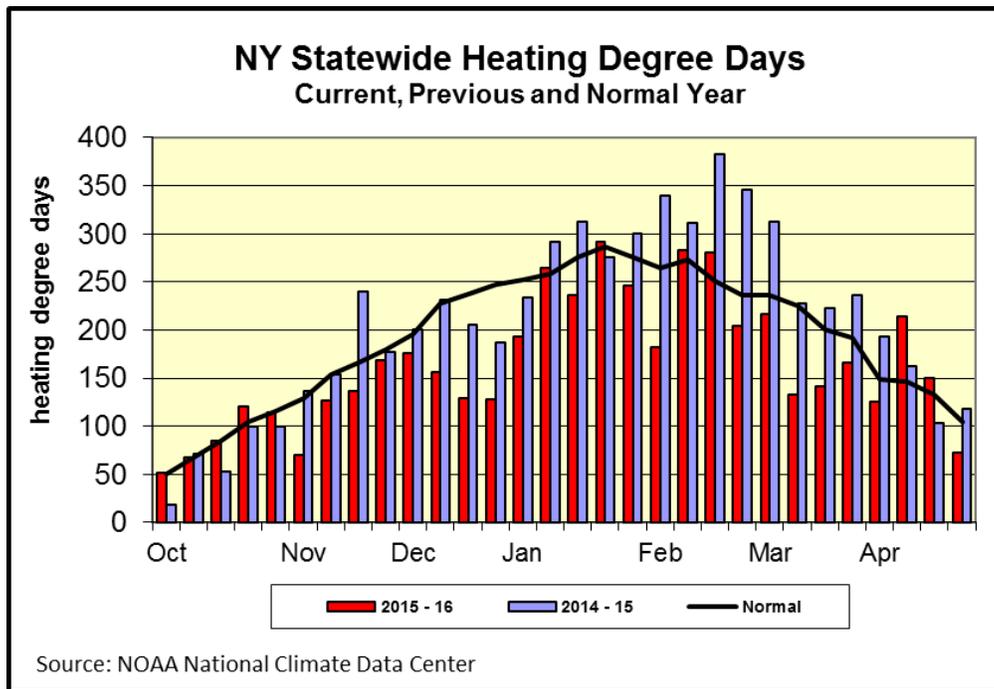
Historic Retail Prices—Statewide average high and low prices since Sept. 1997 for #2 & propane & Sept. 2000 for kerosene.

- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 381.1¢/gallon on 2/17/14, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

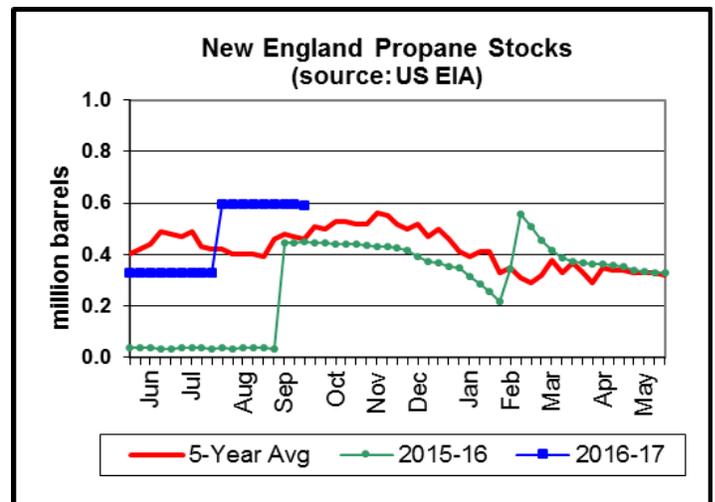
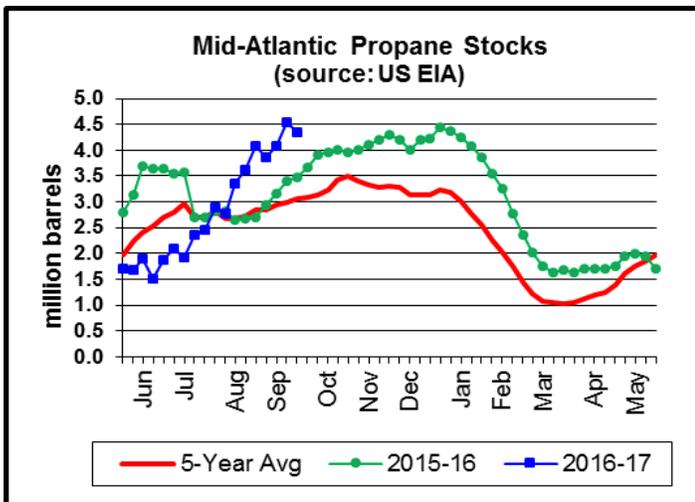
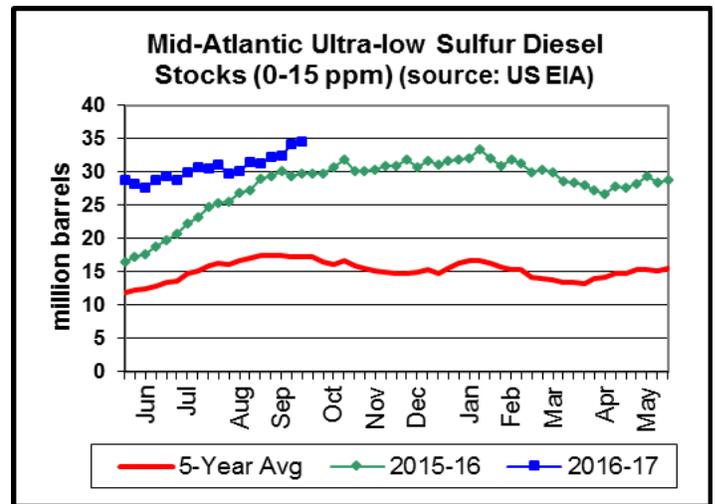
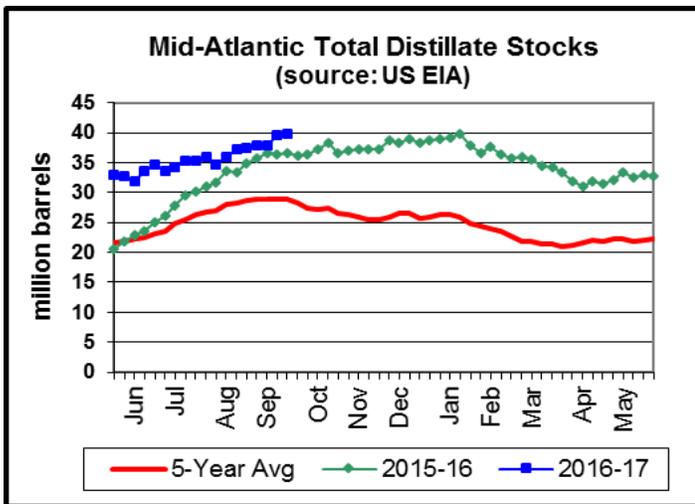
Residential Natural Gas Prices: Statewide average prices are derived from US EIA most currently available data. NYS gas utility specific prices can be found on the NYS DPS website at <http://www.dps.ny.gov/TypicalBills.htm#GasRes>.

New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, Saratoga, Schenectady, Schoharie, and Washington *North Country:* Clinton, Essex, Franklin, Hamilton, Jefferson, Lewis, St. Lawrence, and Warren *Central:* Broome, Cayuga, Chenango, Cortland, Delaware, Herkimer, Madison, Oneida, Onondaga, Oswego, Otsego, Tioga, and Tompkins *Western:* Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuylar, Seneca, Steuben, Wayne, Wyoming, and Yates counties. **Propane & Kerosene:** *Mid-Hudson:* Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester counties.

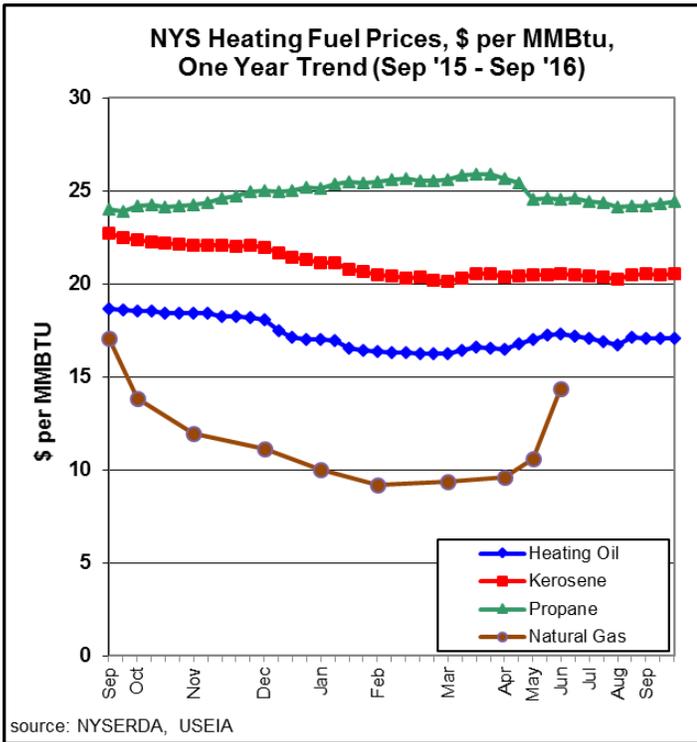
Heating Degree Days— Heating Degree Day reporting will resume in October. The 2015-16 Winter Season is presented below.



Distillate and Propane Stocks—Current and historic heating fuel inventory data is presented in the graphs below.

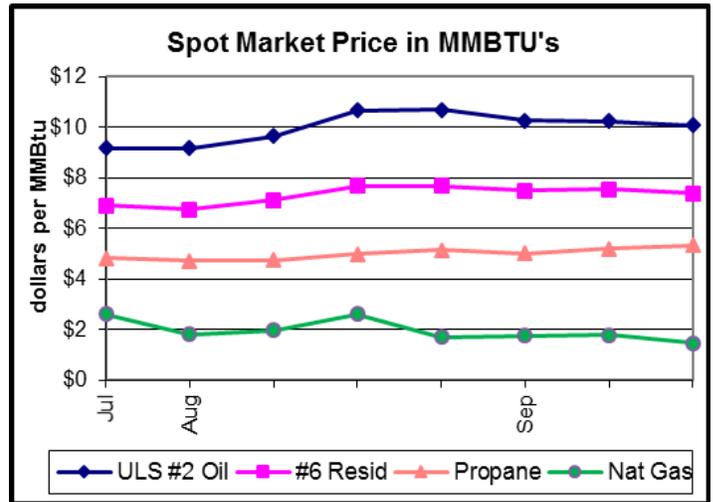


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



Note: Natural gas prices are from the U.S. EIA and provided on a monthly basis and delayed by 3 months.

Spot Btu Price Equivalents—The Btu spot market graph equates the spot market price, in table below, for NY Harbor ultra-low sulfur diesel fuel and 0.3% sulfur high pour #6 residual fuel, Mont Belvieu propane, and the New York City gate natural gas price on a dollar per million Btu (MMBtu) basis.



New York Spot Prices, Weekly Average			
Fuel	9/16/2016	Year Ago	% Change
Ultra LS Diesel	139.7	148.8	-6.1%
#2 Fuel Oil	132.4	139.4	-5.0%
#6 Residual 0.3%	110.6	99.5	11.2%
Propane	48.6	45.9	6.0%
Natural Gas	1.469	2.098	-30.0%

Note: Fuel in ¢/gallon, natural gas (\$/mmBtu)=NYcitygate

Additional historic **regional specific** prices and supply information is available at NYSERDA's website. For more information please contact Charlie Wesley at (518) 862-1090 ext. 3364, e-mail Charles.Wesley@nyserda.ny.gov.