



Department of Economic Development  
 Division of Energy

**MISSOURI ENERGY BULLETIN**

July 21, 2017

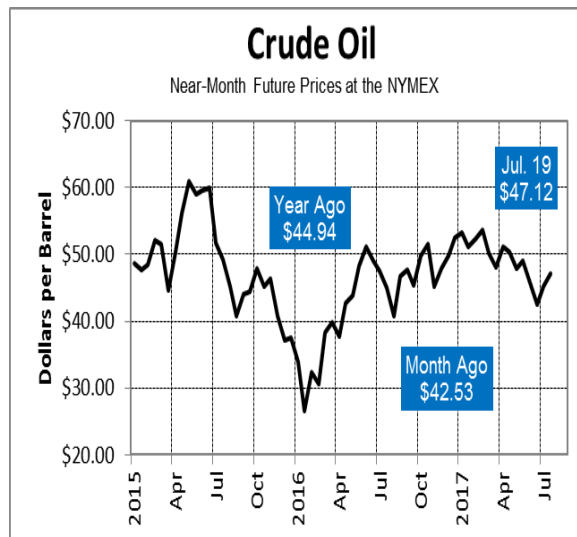
*(Data are for the week ended July 14, 2017, unless stated otherwise.)*

**Crude Oil**

**U.S. crude oil prices increased by \$4.59 to \$47.12 per barrel in the past month, 5 percent higher compared to this time last year.**

<b>Crude Oil - Near Month Future Prices (dollars per barrel)</b>					
	<u>07-19-17</u>	<u>06-21-17</u>	<u>change</u>	<u>07-20-16</u>	<u>change</u>
<b>NYMEX</b>	<b>\$47.12</b>	<b>\$42.53</b>	<b>up 11%</b>	<b>\$44.94</b>	<b>up 5%</b>

- Crude oil futures for August delivery on the NYMEX ended \$0.72, or 1.6 percent, higher on July 19 to settle at \$47.12 per barrel, hitting a 6-week high after the EIA reported a bigger weekly withdrawal than forecast in crude and gasoline inventories along with a surprise drop in distillates.
- According to the Energy Information Administration (EIA), US oil production climbed to 9.4 MMB, its highest level since July 2015. Rising US production has made it harder for OPEC and other producing nations to support prices with their own output cuts. The continued rise in US crude oil production to a 2-year high increases pressure on OPEC to come up with some counteracting measures.
- Compared to this time last year, the U.S. crude oil futures settlement price of \$47.12 is \$2.18, or 5 percent, higher.



- Domestic crude production was higher than in the prior week at nearly 9.4 MMB/D. Last year at this time, production stood at nearly 8.5 MMB/D. Total crude imports increased from the prior week at nearly 8.0 MMB/D. Imports at this time last year averaged over 8.1 MMB/D.
- U.S. crude oil supplies decreased 4.7 MMB on the week to 490.6 MMB. U.S. supplies are 1.8 MMB higher compared to this time last year.
- U.S. refinery crude runs decreased from the prior week with refiners processing over 17.1 MMB/D. U.S. refinery capacity utilization was lower on the week at 94.0 percent. Last year at this time, capacity use stood at 92.3 percent.
- Gasoline output decreased on the week at over 10.3 MMB/D. Output was over 10.0 MMB/D at this time last year. Distillate output was lower from the prior week at over 4.9 MMB/D. Last year at this time, production stood at over 5.0 MMB/D.
- Total petroleum products supplied to market, a measure of consumption, over the last four-week period stood at 20.8 MMB/D, up by 2.1 percent compared to the same period last year.

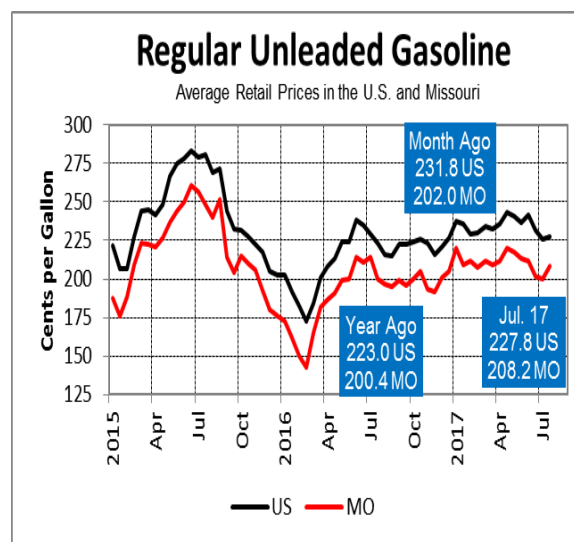
## Transportation Fuels

**On July 17, Missouri's statewide average retail price for gasoline was over \$2.08 per gallon, up 6.1 cents in the past month and up 7.7 cents in the past year.**

Regular Unleaded Gasoline - Retail Prices (cents per gallon)					
	07-17-17	06-21-17	change	07-18-16	change
US	227.8	231.8	down 2%	223.0	up 2%
Missouri	208.2	202.0	up 3%	200.4	up 4%

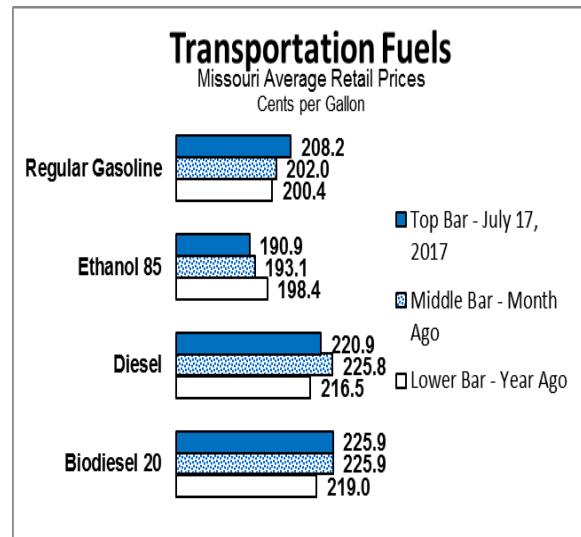
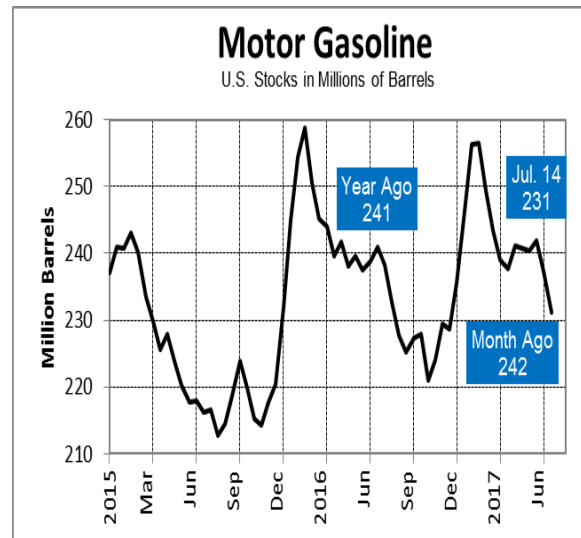
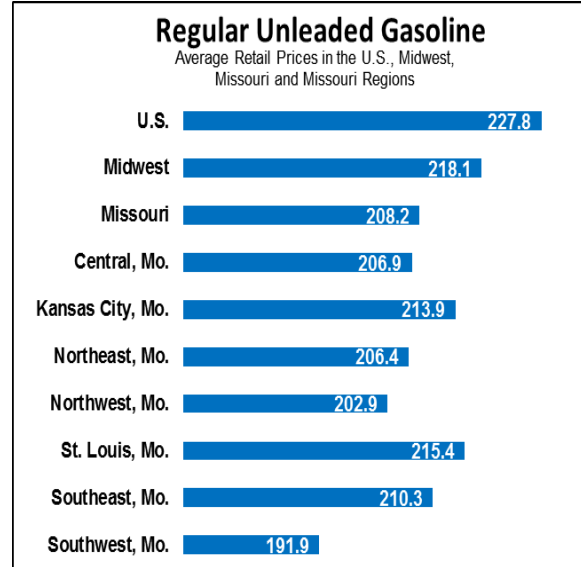
Diesel Fuel - Retail Prices (cents per gallon)					
	07-17-17	06-21-17	change	07-18-16	change
US	249.1	248.9	up <1%	240.2	up 4%
Missouri	220.9	225.8	down 2%	216.5	up 2%

- On July 17, Missouri's average retail price for gasoline was over \$2.08 per gallon, up 6.1 cents in the past month.
- Missouri's average price for diesel fuel was almost \$2.21 per gallon, down 4.9 cents in the past month.
- Compared to last year at this time, Missouri's average retail gasoline price is 7.7 cents per gallon, or 4 percent, higher while the average retail diesel fuel price is 4.4 cents per gallon, or 2 percent, higher.
- At nearly \$2.28, the U.S. average price for regular gasoline is 4.0 cents per gallon, or 2



percent, lower compared to last month.

- The U.S. average price for regular gasoline is 4.8 cents per gallon, or 2 percent, higher compared to this time last year. In the past week, the U.S. average decreased by 1.9 cents per gallon.
- Gasoline imports increased from the prior week at nearly 0.6 MMB/D. Last year at this time, imports stood at nearly 0.9 MMB/D.
- Implied demand for gasoline decreased on the week at nearly 9.6 MMB/D. Demand stood at nearly 9.8 MMB/D at this time last year.
- In the past four weeks, U.S. gasoline demand has averaged nearly 9.7 MMB/D.
- U.S. gasoline supplies decreased 4.4 MMB on the week to 231.2 MMB. U.S. supplies are 9.8 MMB lower compared to this time last year.
- Distillate stocks decreased 2.1 MMB on the week to 151.4 MMB and stand 1.4 MMB lower compared to the same period last year.
- Distillate demand increased on the week at over 4.3 MMB/D. Demand stood at over 3.9 MMB/D at this time last year. On a four-week average, distillate demand was higher at over 4.1 MMB/D.
- On July 17, Missouri's average retail price for E85 motor fuel, conventional motor fuel containing 85 percent ethanol, was almost \$1.91 per gallon, 17.3 cents, or 8.3 percent, lower than the average price for conventional motor gasoline.
- On July 17, Missouri's average retail price for B20, diesel fuel containing 20 percent biofuel, was nearly \$2.26 per gallon, 5.0 cents per gallon, or 2.3 percent, higher than the average price for conventional diesel fuel.
- According to EIA's latest *Short Term Energy Outlook* dated July 11, 2017, U.S. regular gasoline retail prices, which averaged \$2.43 per gallon in 2015 and \$2.15 per gallon in



2016, are projected to average \$2.32 in 2017.

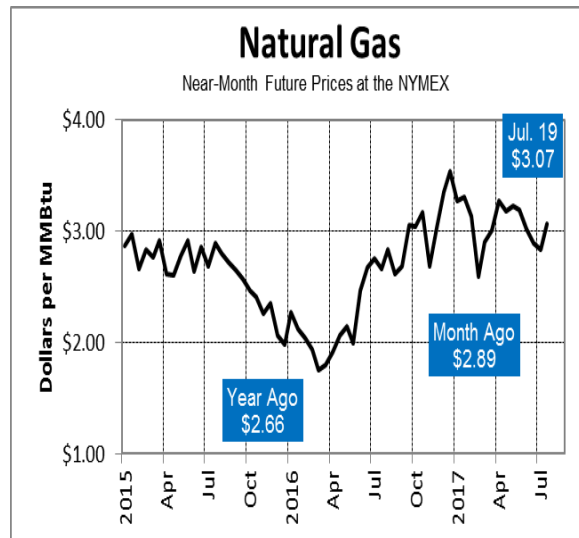
## Natural Gas

Approximately 51.6 percent (1,220,485) of Missouri households use natural gas to heat their homes. (Data updated from the most recent U.S. Census report.) Natural gas is also used to produce goods and electricity.

**On July 19, 2017, natural gas futures on the NYMEX closed at \$3.07 per million British thermal units (MMBtu), up \$0.41, or 15 percent, in the past year.**

<b>Natural Gas - Near Month Future Prices (dollars per MMBtu)</b>					
	<u>07-19-17</u>	<u>06-21-17</u>	<u>change</u>	<u>07-20-16</u>	<u>change</u>
<b>NYMEX</b>	<b>\$3.07</b>	<b>\$2.89</b>	<b>up 6%</b>	<b>\$2.66</b>	<b>up 15%</b>

- The August 2017 NYMEX futures contract settled at \$3.07 per MMBtu on July 19, down 2.0 cents from the prior settlement.
- Futures are up \$0.41, or 15 percent, in the past year.
- Working gas in storage was 2,973 Bcf, 5.0 percent above the five-year average inventory level for the week. According to EIA's July 20, 2017 *Weekly Natural Gas Storage Report*, U.S. natural gas supplies are 299 Bcf, or 9.1 percent, lower than last year at this time.
- According to the EIA, net injections into storage totaled 28 Bcf for the week ending July 14, compared with the five-year (2012–16) average net injection of 59 Bcf and last year's net injections of 38 Bcf during the same week. The smaller-than-average net injections this week likely resulted from the warmer-than-normal temperatures that prevailed throughout most of the Lower 48 states, increasing cooling demand for natural gas. This pattern was most pronounced in the South Central region, where warmer-than-normal temperatures resulted in withdrawals from storage totaling 8 Bcf compared with the five-year average net injection of 12 Bcf in the region.
- Temperatures in the Lower 48 states averaged 77 degrees Fahrenheit (°F), 2°F higher than the average and the same as last year at this time.
- According to the EIA, total U.S. consumption of natural gas was unchanged from last week, averaging 74.1 Bcf/d. Power burn climbed by 2 percent week over week; industrial sector consumption stayed constant, averaging 19.7 Bcf/d; and residential and commercial sector consumption declined by 5 percent. Natural gas exports to Mexico increased 2 percent.



## Propane

Approximately 9.2 percent (216,853) of Missouri households use propane to heat their homes. (Data updated from the most recent U.S. Census report.) Propane is also used to support commercial operations, produce goods, dry grain harvests and fuel vehicles.

*(Note: Beginning April 2017, Missouri residential retail propane prices will be reported only for the first full week of each month through September 2017.)*

**On July 6, the average Missouri retail price for residential propane was almost \$1.35 per gallon, down 7.1 cents in the past month and up 19.0 cents in the past year.**

<i>Propane - Retail Prices (cents per gallon)</i>					
	<u>07-06-17</u>	<u>06-05-17</u>	<u>change</u>	<u>07-05-16</u>	<u>change</u>
Missouri	134.5	141.6	down 5%	115.5	up 16%

- According to the Division of Energy's most recent statewide propane price survey conducted July 6, the average Missouri retail residential propane price was almost \$1.35 per gallon, down 7.1 cents in the past month and up 19.0 cents compared to last year at this time.
- According to the survey, the highest Missouri retail residential price for propane was nearly \$1.66 per gallon. The lowest retail price was nearly \$1.06 per gallon.
- U.S. propane stocks increased by 3.5 MMB last week to 65.7 MMB as of July 14, 2017, 21.7 MMB or 24.8 percent, lower than a year ago. Midwest propane stocks increased by over 0.8 MMB to over 20.5 MMB. Midwest inventories stood at nearly 28.0 MMB at this time last year.
- U.S. propane consumption was lower on the week at over 0.7 MMB/D. Consumption stood at over 1.1 MMB/D last year at this time.

**For more information on propane, please visit:**

<http://energy.mo.gov/energy/services/be-prepared-for-propane>

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The *Missouri Energy Bulletin* is distributed twice a month by the Missouri Department of Economic Development's Division of Energy. The Division of Energy collects transportation and propane heating fuel prices from several retail providers located throughout the state. To preserve confidentiality, price data are averaged and reported by region. The bulletin is a public resource made available to state government decision-makers, other interested individuals upon request and online at the division's Web address. The department thanks each of the following in helping to provide accurate, timely data on fuel supplies and prices: the U.S. Department of Energy's Energy Information Administration; the National Association of State Energy Officials; the St. Louis AAA Auto Club; and Missouri's energy retailers. For more information, contact: MO Dept. of Economic Development, Division of Energy, P.O. Box 1766, Jefferson City, MO 65102-1766; Phone: 573-751-2254; Fax: 573-751-6860; Email: [energy@ded.mo.gov](mailto:energy@ded.mo.gov); Web Address: <http://energy.mo.gov/energy/stay-informed/missouri-energy-bulletins>.