



Department of Economic Development
Division of Energy

MISSOURI ENERGY BULLETIN

August 10, 2018

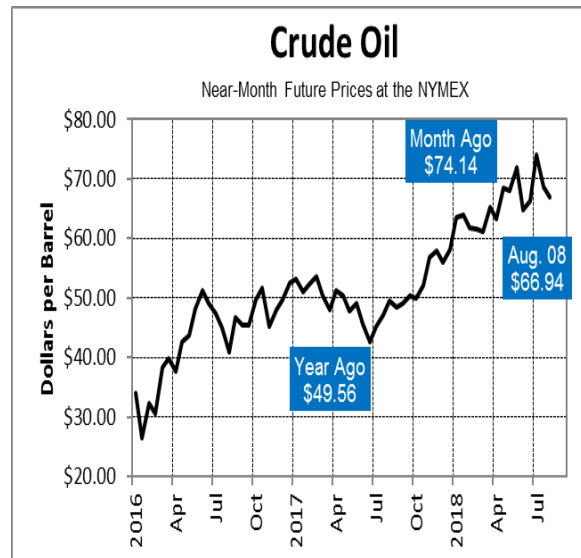
(Data are for the week ended August 3, 2018, unless stated otherwise.)

Crude Oil

U.S. crude oil prices decreased by \$7.20 to \$66.94 per barrel in the past month and are 35 percent higher compared to this time last year.

Crude Oil - Near Month Future Prices (dollars per barrel)					
	08-08-18	07-03-18	change	08-09-17	change
NYMEX	\$66.94	\$74.14	down 10%	\$49.56	up 35%

- Crude oil futures for August delivery on the NYMEX ended \$2.23, or 3.22%, lower on August 8 to settle at \$66.94 per barrel. The price for crude oil futures is \$7.20, or 10%, below the month-ago level.
- On Tuesday, the American Petroleum Institute stated that 6 million barrels of crude oil were drawn from U.S. inventories, higher than the expected 3.33 million barrels.
- Compared to this time last year, the U.S. crude oil futures settlement price of \$66.94 is \$17.38, or 35 percent, higher.
- Domestic crude production was lower over the prior week at 10.8 million barrels per day (MMB/D). Last year at this time, production stood at approximately 9.4 MMB/D. Total crude imports were higher over the prior week at approximately 7.9 MMB/D. Imports at this time last year were approximately 7.8 MMB/D.
- U.S. crude oil supplies dropped 1.3 MMB on the week to 407.4 MMB. U.S. supplies are 68.0 MMB lower compared to this time last year.



- U.S. refinery crude runs were up over the prior week with refiners processing almost 17.6 MMB/D. U.S. refinery capacity utilization was higher on the week at 96.6 percent. Last year at this time, capacity use stood at 96.3 percent.
- Gasoline output was lower on the week at approximately 9.9 MMB/D. Output was approximately 10.3 MMB/D at this time last year. Distillate output was higher than the prior week at over 5.2 MMB/D. Last year at this time, production stood at 5.3 MMB/D.
- Total petroleum products supplied to market, a measure of consumption, over the last four-week period stood at 21.1 MMB/D, down by 0.6 percent compared to the same period last year.

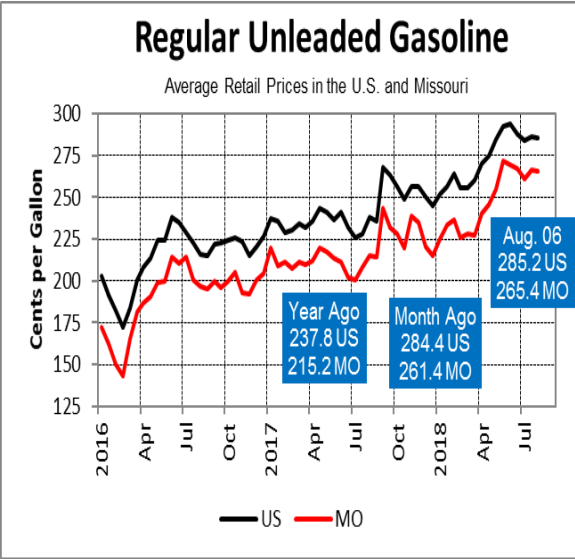
Transportation Fuels

On August 6, Missouri’s statewide average retail price for gasoline was over \$2.65 per gallon, up 4.0 cents in the past month and up 50.2 cents in the past year.

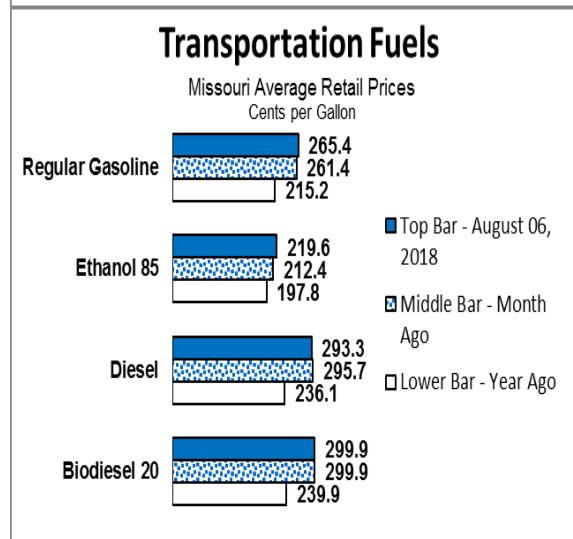
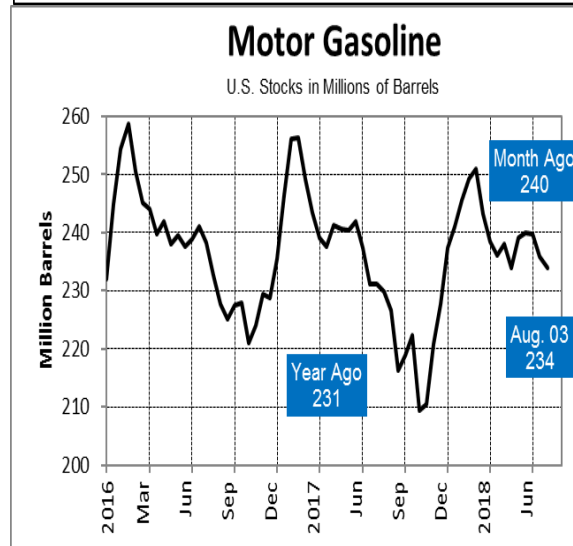
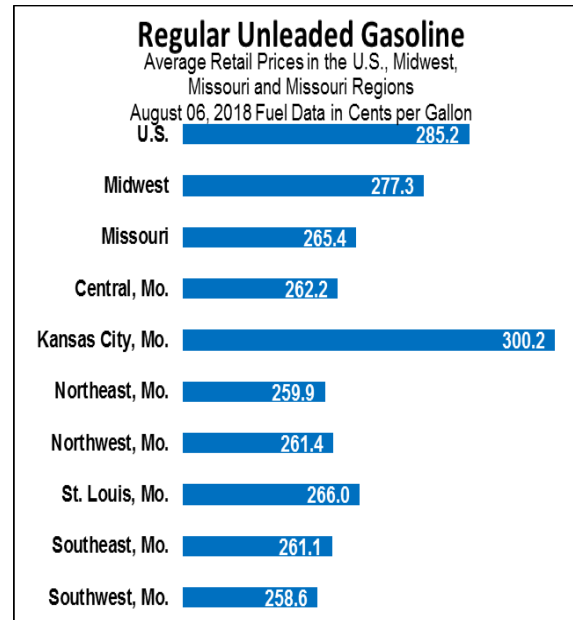
<i>Regular Unleaded Gasoline - Retail Prices (cents per gallon)</i>					
	<u>08-06-18</u>	<u>07-02-18</u>	<u>change</u>	<u>08-07-17</u>	<u>change</u>
US	285.2	284.4	up <1%	237.8	up 20%
Missouri	265.4	261.4	up 2%	215.2	up 23%

<i>Diesel Fuel - Retail Prices (cents per gallon)</i>					
	<u>08-06-18</u>	<u>07-02-18</u>	<u>change</u>	<u>08-07-17</u>	<u>change</u>
US	322.3	323.6	down <1%	258.1	up 25%
Missouri	293.3	295.7	down 1%	236.1	up 24%

- On August 6, Missouri’s average retail price for gasoline was over \$2.65 per gallon, up 4.0 cents in the past month.
- Missouri’s average price for diesel fuel was over \$2.93 per gallon, down 2.4 cents in the past month.
- Compared to last year at this time, Missouri’s average retail gasoline price is 50.2 cents per gallon, or 23 percent, higher while the average retail diesel fuel price is 57.2 cents per gallon, or 24 percent, higher.
- At approximately \$2.85, the U.S. average price for regular gasoline is 0.8 cents per gallon, or less than 1 percent, higher compared to last month.
- The U.S. average price for regular gasoline is 47.4 cents per gallon, or 20 percent, higher compared to this time last year. In the past week, the U.S. average increased by 0.6 cents per gallon.



- Gasoline imports increased from the prior week at approximately 0.9 MMB/D. Last year at this time, imports stood at over 1.1 MMB/D.
- Implied demand for gasoline was lower on the week at approximately 9.3 MMB/D. Demand stood at almost 9.8 MMB/D at this time last year.
- In the past four weeks, U.S. gasoline demand has averaged approximately 9.7 MMB/D.
- U.S. gasoline supplies were up 2.9 MMB on the week at 233.9 MMB. U.S. supplies are 2.8 MMB higher than this time last year.
- Distillate stocks increased 1.2 MMB on the week at 125.4 MMB and stand 22.3 MMB lower compared to the same period last year.
- Distillate demand was higher on the week at over 4.0 MMB/D. Demand stood at approximately 4.5 MMB/D at this time last year. On a four-week average, distillate demand was higher at almost 4.0 MMB/D.
- On August 6, Missouri's average retail price for E85 motor fuel, conventional motor fuel containing 85 percent ethanol, was nearly \$2.20 per gallon, 45.8 cents per gallon, or 17.3 percent, lower than the average price for conventional motor gasoline.
- On August 6, Missouri's average retail price for B20, diesel fuel containing 20 percent biofuel, was nearly \$3.00 per gallon, 6.6 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 August 7, 2018, U.S. regular gasoline retail prices, which averaged \$2.15 per gallon in 2016 and \$2.42 in 2017, are projected to average \$2.76 in 2018.



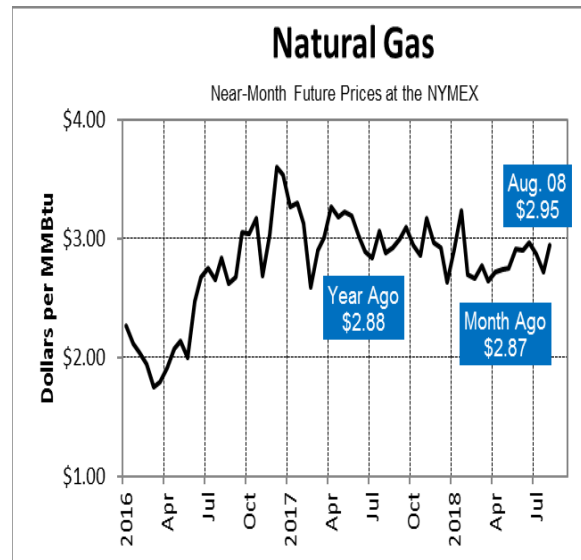
Natural Gas

Approximately 51.4 percent (1,218,420) 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 August 8, 2018, natural gas futures on the NYMEX closed at \$2.95 per million British thermal units (MMBtu), up approximately \$0.08, or 3 percent, in the past month.

Natural Gas - Near Month Future Prices (dollars per MMBtu)					
	08-08-18	07-04-18	change	08-09-17	change
NYMEX	\$2.95	\$2.87	up 3%	\$2.88	up 2%

- The September 2018 NYMEX futures contract settled at \$2.95 per MMBtu on August 8, up more than 5 cents from the August 7 settlement.
- In the past month, the futures contract has increased 7.9 cents, or 3 percent.
- Futures are up \$0.07, or 2 percent, in the past year.
- According to EIA's August 9, 2018 *Weekly Natural Gas Storage Report*, U.S. natural gas supplies are 671 Bcf, or 22.2 percent, lower than last year at this time.
- According to the EIA, net injections into working gas totaled 46 billion cubic feet (Bcf) for the week ending August 3. Working natural gas stocks are 2,354 Bcf, which is approximately 22 percent lower than the year-ago level and 19.5 percent lower than the five-year (2013–17) average for this week.
- Temperatures in the Lower 48 states averaged 76 degrees Fahrenheit (°F) for the week, 1°F higher than the normal and 1°F higher than last year at this time. Temperatures decreased 1°F over the report week. Cooling degree days nationally were above the normal, although results were mixed regionally.
- According to the EIA, total U.S. consumption of natural gas increased by 1 percent for the week compared with the previous report week¹. In the residential and commercial sectors, consumption decreased by 14 percent. Natural gas consumed for power generation rose 6 percent week over week following higher overall temperatures. Industrial sector consumption remained unchanged week over week. Natural gas exports to Mexico increased 3 percent.



Propane

Approximately 9.0 percent (212,748) 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 2018, Missouri residential retail propane prices will be reported only for the first full week of each month through September 2018.)

On August 6, the average Missouri retail price for residential propane was over \$1.51 per gallon, up 17.4 cents, or 13 percent, in the past year.

<i>Propane - Retail Prices (cents per gallon)</i>					
	<u>08-06-18</u>	<u>07-02-18</u>	<u>change</u>	<u>08-07-17</u>	<u>change</u>
Missouri	151.3	154.9	down 2%	133.8	up 13%

- According to the Division of Energy’s most recent statewide propane price survey conducted August 6, the average Missouri retail residential propane price was over \$1.51 per gallon, up 17.4 cents compared to last year at this time.
- According to the survey, the highest Missouri retail residential price for propane was almost \$1.80 per gallon. The lowest retail price was \$1.24 per gallon.
- U.S. propane/propylene stocks increased over the report week at 66.4 MMB as of August 3, 2018, 9.3 MMB, or 12.2 percent, lower than the five-year average inventory level for this same time of year. Midwest inventories decreased by 0.2 MMB to almost 22.8 MMB for the report week. Midwest inventories stood at approximately 22.0 MMB at the same time last year.
- U.S. propane consumption was higher week over week at approximately 1.1 MMB/D. Consumption stood at over 1.3 MMB/D at the same time last year.

For more information on propane, please visit:

<https://energy.mo.gov/resources/be-prepared-for-propane>

To access previous issues of the Energy Bulletin, or to subscribe, please visit:

<https://energy.mo.gov/energy-bulletins>

To learn more about Missouri energy issues, please visit:

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For more information about the Comprehensive State Energy Plan, visit:

<https://energy.mo.gov/comprehensive-state-energy-plan>

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 a sample of retail providers located throughout the state. The average price reported is based on these sample prices and may or may not reflect the actual price of a particular retail provider. 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; Web Address: <http://energy.mo.gov/energy/stay-informed/missouri-energy-bulletins>.