



MISSOURI ENERGY BULLETIN

September 26, 2019

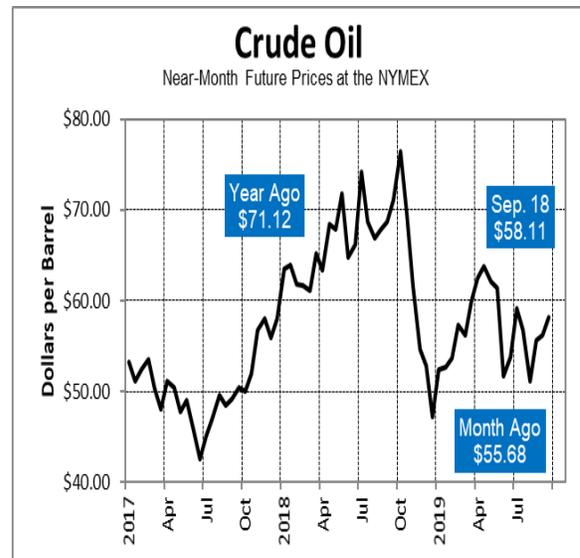
(Data are for the week ending September 13, 2019, unless stated otherwise.)

Crude Oil

U.S. crude oil prices increased by \$2.43 to \$58.11 per barrel in the past month and are 18 percent lower compared to this time last year.

Crude Oil - Near Month Future Prices (dollars per barrel)					
	09-18-19	08-21-19	change	09-19-18	change
NYMEX	\$58.11	\$55.68	up 4%	\$71.12	down 18%

- On September 18, crude oil futures for delivery on the NYMEX ended higher on the week to settle at \$58.11 per barrel. The price for crude oil futures is \$2.43, or 4 percent, above the month-ago level.
- Compared to this time last year, the U.S. crude oil futures settlement price of \$58.11 is \$13.01, or 18 percent, lower.
- According to the U.S. Energy Information Administration's (EIA) *This Week in Petroleum* dated September 18, Saudi Aramco stated that crude oil exports will continue by drawing on existing inventories and offering additional crude oil production from other fields. This disruption, caused by the recent attack, will influence U.S. retail gasoline prices.



- Domestic crude production was unchanged relative to the prior week at 12.4 million barrels per day (MMB/D). Last year at this time, production stood at approximately 11.0 MMB/D.
- Total crude imports were up over the prior week at approximately 7.1 MMB/D. Imports at this time last year were approximately 8.0 MMB/D.

- U.S. crude oil supplies increased 1.0 MMB on the week to 417.1 MMB. U.S. supplies are 23.0 MMB higher compared to this time last year.
- U.S. refinery crude runs were lower relative to the prior week with refineries processing approximately 16.7 MMB/D. U.S. refinery capacity utilization was lower on the week at 91.2 percent. Last year at this time, capacity use stood at approximately 95.4 percent.
- Gasoline output was lower on the week at approximately 9.5 MMB/D. Output was approximately 10.3 MMB/D at this time last year. Distillate output was lower than the prior week at approximately 5.1 MMB/D. Last year at this time, production stood at 5.5 MMB/D.
- Total petroleum products supplied to market, a measure of consumption, over the last four-week period stood at 21.4 MMB/D, effectively unchanged compared to the same period last year.

Transportation Fuels

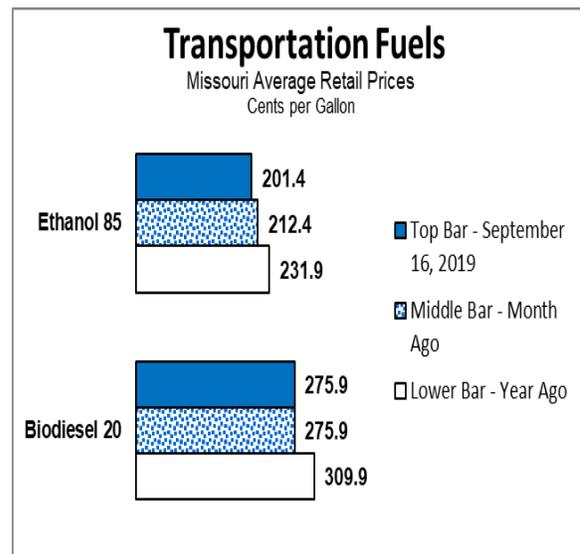
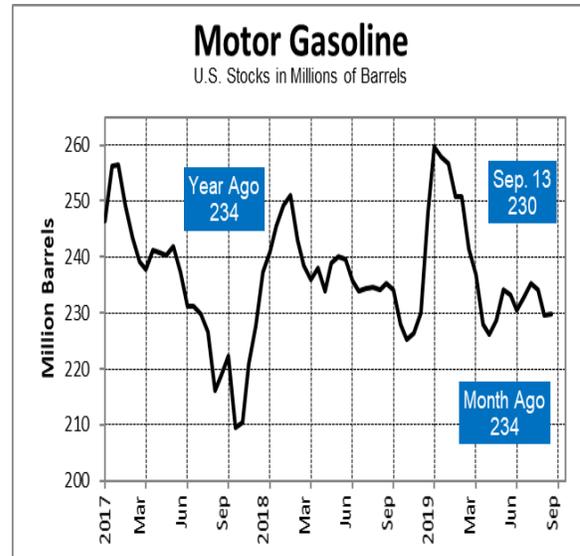
(Note: Gasoline and diesel prices may be obtained from the American Automobile Association (AAA) and the U.S. Energy Information Administration (EIA), as described below. Effective 06/25/2019, the Division of Energy no longer conducts phone surveys to obtain the prices for these fuels.)

For access to additional information on regional and national gasoline prices, stocks, production, and demand, please visit: <https://www.eia.gov/petroleum/weekly/gasoline.php>. To navigate to the above URL from EIA's home page, select the "Sources & Uses" tab at the top of the page, click on "This Week in Petroleum," and then click on the "GASOLINE" tab.

For access to and additional information on Missouri gasoline and diesel price averages by city and county, please visit: <https://gasprices.aaa.com/?state=MO>.

- At approximately \$2.56, the U.S. average price for regular gasoline on September 16 was 3.4 cents per gallon, or 1 percent, lower compared to last month.
- The U.S. average price for regular gasoline is 27.7 cents per gallon, or 10 percent, lower compared to this time last year. In the past week, the U.S. average increased by approximately 0.2 cents.
- Gasoline imports decreased from the prior week at approximately 0.5 MMB/D. Last year at this time, imports stood at approximately 0.6 MMB/D.
- Implied demand for gasoline was lower on the week at approximately 8.9 MMB/D. Demand stood at approximately 9.5 MMB/D at this time last year.

- In the past four weeks, U.S. gasoline demand has averaged approximately 9.5 MMB/D.
- U.S. gasoline supplies are up 0.8 MMB on the week at 229.7 MMB. U.S. supplies are approximately 4.5 MMB lower than this time last year.
- Distillate stocks increased 0.5 MMB on the week at 136.7 MMB and stand 3.4 MMB lower compared to the same period last year.
- Distillate demand was higher on the week at approximately 3.9 MMB/D. Demand stood at approximately 4.2 MMB/D at this time last year. On a four-week average, distillate demand was higher at approximately 4.0 MMB/D.
- On September 16, Missouri's average retail price for E85 motor fuel, conventional motor fuel containing 85 percent ethanol, was approximately \$2.01 per gallon.
- On September 16, Missouri's average retail price for B20, diesel fuel containing 20 percent biofuel, was approximately \$2.76 per gallon.
- According to EIA's latest *Short Term Energy Outlook* dated September 10, 2019, U.S. regular gasoline retail prices, which averaged \$2.42 per gallon in 2017 and \$2.73 in 2018, are predicted to average \$2.56 in 2019 and \$2.63 in 2020.



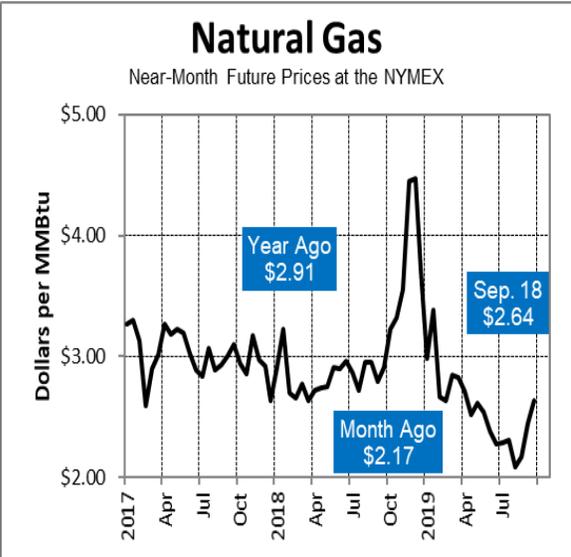
Natural Gas

Approximately 51.0 percent (1,217,836) 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 September 18, 2019, natural gas futures on the NYMEX closed at \$2.64 per million British thermal units (MMBtu), up approximately \$0.47, or 22 percent, in the past month.

Natural Gas - Near Month Future Prices (dollars per MMBtu)					
	09-18-19	08-21-19	change	09-19-18	change
NYMEX	\$2.64	\$2.17	up 22%	\$2.91	down 9%

- The October 2019 NYMEX futures contract settled at \$2.64 per MMBtu on September 18, \$0.09 higher than the September 11 settlement.
- In the past month, the futures contract has increased 47 cents, or 22 percent.
- Futures are down \$0.27, or 9 percent, in the past year.
- According to EIA’s *Weekly Natural Gas Storage Report*, U.S. natural gas supplies are at 3,103 billion cubic feet (Bcf), 14.5 percent higher than last year at this time, and 2.4 percent lower than the 5-year average.



- According to the EIA, net injections to working gas totaled 84 Bcf for the week ending September 13.
- For the week ending September 12, temperatures in the Lower 48 states averaged warmer than normal. Heating degree days nationally were five below the normal, while cooling degree days were 17 above the normal.
- According to EIA, total U.S. consumption of natural gas decreased 4 percent over the prior report week. Residential and commercial consumption decreased by 1 percent. Natural gas consumed for power generation decreased by 5 percent on the week. Industrial sector consumption decreased 1 percent. Natural gas exports to Mexico decreased 1 percent over the week.

Propane

Approximately 8.9 percent (213,192) 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.

On September 3, the average Missouri retail price for residential propane was approximately \$1.34 per gallon, down 35.7 cents, or 21 percent, in the past month.

<i>Propane - Retail Prices (cents per gallon)</i>					
	<u>09-03-19</u>	<u>08-05-19</u>	<u>change</u>	<u>09-03-18</u>	<u>change</u>
Missouri	133.7	169.4	down 21%	154.6	down 13%

- According to the Division of Energy’s most recent statewide propane price survey conducted September 3, the average Missouri retail residential propane price was approximately \$1.34 per gallon.
- U.S. propane/propylene stocks increased over the prior report week at 100.7 MMB. As of September 13, U.S. propane/propylene stocks were 25.9 MMB, or 34.7 percent, higher than the year-ago inventory level for the same time of year. Midwest inventories increased by approximately 0.9 MMB to 27.8 MMB for the report week. Midwest inventories stood at approximately 26.3 MMB at the same time last year.
- U.S. propane consumption was lower week-over-week at 0.7 MMB/D. Consumption stood at approximately 1.2 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:

<http://energy.mo.gov/energy>

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

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

The *Missouri Energy Bulletin* is distributed twice a month by the Missouri Department of Natural Resources’ Division of Energy. The Division of Energy collects E-85, B-20, 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. The bulletin is a public resource made available to state government decision-makers and 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 Natural Resources, Division of Energy, P.O. Box 176, Jefferson City, MO 65102; Phone: 573-751-2254; Fax: 573-751-6860; Email: energy@dnr.mo.gov; Web Address: <https://energy.mo.gov/energy-bulletins>.