



MISSOURI ENERGY BULLETIN

April 24, 2020

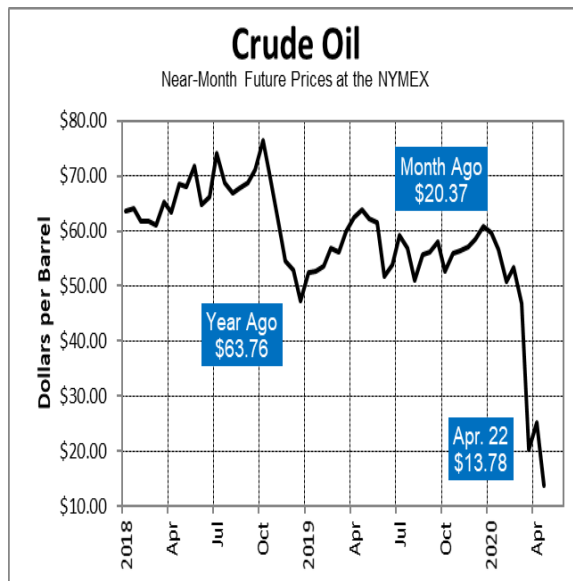
(Data are for the week ending April 17, 2020, unless stated otherwise.)

Crude Oil

U.S. crude oil prices decreased by \$6.59 to \$13.78 per barrel in the past month and are 78 percent lower compared to this time last year.

Crude Oil - Near Month Future Prices (dollars per barrel)					
	<u>04-22-20</u>	<u>03-18-20</u>	<u>change</u>	<u>04-17-19</u>	<u>change</u>
NYMEX	\$13.78	\$20.37	down 32%	\$63.76	down 78%

- On April 22, crude oil futures for delivery on the NYMEX ended lower on the week to settle at \$13.78 per barrel. The price for crude oil futures is \$6.59, or 32 percent, below the month-ago level.
- Compared to this time last year, the U.S. crude oil futures settlement price of \$13.78 is \$49.98, or 78 percent, lower.
- In the April 22, 2020 edition of This Week in Petroleum, the U.S. Energy Information Administration (EIA) noted that on Monday, April 20, 2020, the NYMEX West Texas Intermediate (WTI) crude oil front-month futures prices fell below zero dollars per barrel, at one point trading at -\$40.32/barrel, and remained below zero for part of the following trading day.



- Domestic crude production was lower relative to the prior week at 12.2 million barrels per day (MMB/D). Last year at this time, production stood at approximately 12.2 MMB/D.
- Total crude imports were down over the prior week at approximately 4.9 MMB/D. Imports at this time last year were approximately 7.1 MMB/D.

- U.S. crude oil supplies increased 15.0 MMB on the week to 518.6 MMB. U.S. supplies are 58.0 MMB higher compared to this time last year.
- U.S. refinery crude runs were lower relative to the prior week with refineries processing approximately 12.5 MMB/D. U.S. refinery capacity utilization was lower on the week at 67.6 percent. Last year at this time, capacity use stood at approximately 90.1 percent.
- Gasoline output was higher on the week at approximately 6.2 MMB/D. Output was approximately 9.8 MMB/D at this time last year. Distillate output was higher than the prior week at approximately 5.0 MMB/D. Last year at this time, production stood at 5.1 MMB/D.
- Total petroleum products supplied to market, a measure of consumption, stood at 15.0 MMB/D over the last four-week period, 25.4 percent lower than 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.)

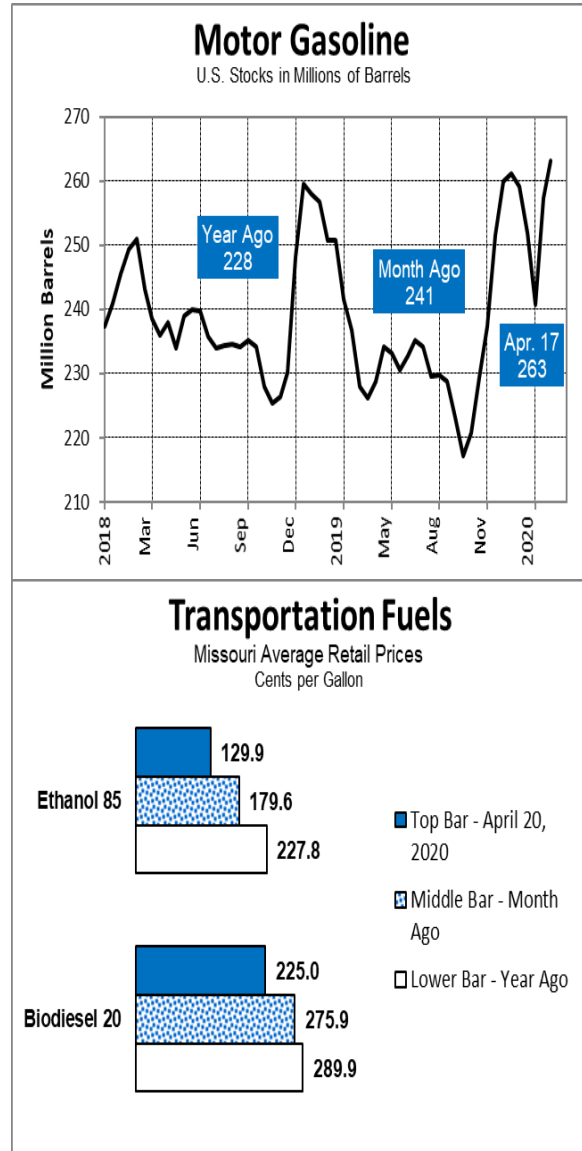
For access to additional information on regional and national gasoline prices, stocks, production, and demand, please visit: <https://www.eia.gov/petroleum/weekly/gasoline.php>.

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 \$1.81, the U.S. average price for regular gasoline on April 20 was 43.6 cents per gallon, or 19 percent, lower compared to last month.
- The U.S. average price for regular gasoline is 101.6 cents per gallon, or 36 percent, lower compared to this time last year. In the past week, the U.S. average decreased by approximately 4.1 cents.
- Gasoline imports decreased from the prior week at approximately 0.4 MMB/D. Last year at this time, imports stood at approximately 0.9 MMB/D.

- Implied demand for gasoline was higher on the week at approximately 5.3 MMB/D. Demand stood at approximately 9.4 MMB/D at this time last year.
- In the past four weeks, U.S. gasoline demand has averaged approximately 5.5 MMB/D.
- U.S. gasoline supplies are up 1.0 MMB on the week at 263.2 MMB. U.S. supplies are approximately 35.2 MMB higher than this time last year.
- Distillate stocks increased 7.9 MMB on the week at 136.9 MMB and stand 9.9 MMB higher compared to the same period last year.
- Distillate demand was higher on the week at approximately 3.1 MMB/D. Demand stood at approximately 3.8 MMB/D at this time last year. On a four-week average, distillate demand was lower at approximately 3.4 MMB/D.
- On April 20, Missouri's average retail price for E-85 motor fuel, conventional motor fuel containing 85 percent ethanol, was approximately \$1.30 per gallon.
- On April 20, Missouri's average retail price for B-20, diesel fuel containing 20 percent biofuel, was approximately \$2.25 per gallon.
- According to EIA's latest *Short-Term Energy Outlook* dated April 7, 2020, U.S. regular gasoline retail prices, which averaged \$2.73 in 2018 and \$2.60 per gallon in 2019, are predicted to average \$1.86 per gallon in 2020 and \$2.16 per gallon in 2021.



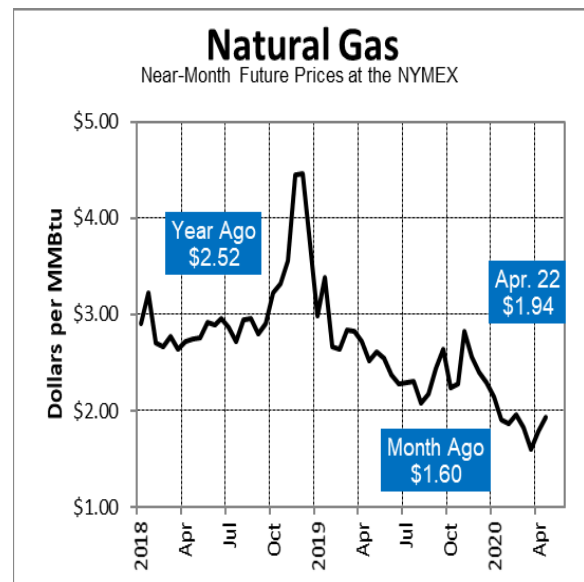
Natural Gas

Approximately 50.8 percent (1,218,329) of Missouri households use natural gas to heat their homes. (Data updated from the most recent U.S. Census information.) Natural gas is also used to produce goods and electricity.

On April 22, 2020, natural gas futures on the NYMEX closed at \$1.94 per million British thermal units (MMBtu), up approximately \$0.34, or 21 percent, in the past month.

Natural Gas - Near Month Future Prices (dollars per MMBtu)					
	<u>04-22-20</u>	<u>03-18-20</u>	<u>change</u>	<u>04-17-19</u>	<u>change</u>
NYMEX	\$1.94	\$1.60	up 21%	\$2.52	down 23%

- The June 2020 NYMEX futures contract settled at \$1.94 per MMBtu on April 22, up \$0.34 from the April 15 settlement.
- In the past month, the futures contract has increased approximately 34 cents, or 21 percent.
- Futures are down \$0.58, or 23 percent, in the past year.
- According to EIA's *Weekly Natural Gas Storage Report*, U.S. natural gas supplies are at 2,140 billion cubic feet (Bcf), 63 percent higher than last year at this time and 20.5 percent higher than the 5-year average.



- According to the EIA, net additions to working gas totaled 43 Bcf for the week ending April 17.
- For the week ending April 16, temperatures averaged much cooler than normal across the U.S. Heating degree days nationally were 29 above the normal, while cooling degree days were 2 above the normal.
- According to EIA, total U.S. consumption of natural gas decreased 3 percent over the prior report week. Residential and commercial consumption was unchanged on the week. Natural gas consumed for power generation decreased 6 percent on the week. Industrial sector consumption decreased 3 percent on the week. Natural gas exports to Mexico increased 3 percent from the prior week.

Propane

Approximately 8.8 percent (211,469) of Missouri households use propane to heat their homes. (Data updated from the most recent U.S. Census information.) Propane is also used to support commercial operations, produce goods, dry grain harvests and fuel vehicles.

Please note that the sample of propane distributors surveyed by the Missouri Division of Energy changed as a part of the Division's participation in EIA's State Heating Oil and Propane Program.

On April 6, the average Missouri retail price for residential propane was approximately \$1.36 per gallon, down 18.5 cents, or 12 percent, in the past month.

Propane - Retail Prices (cents per gallon)					
	<u>04-06-20</u>	<u>03-03-20</u>	<u>change</u>	<u>04-01-19</u>	<u>change</u>
Missouri	135.5	154.0	down 12%	161.6	down 16%

- According to the Division of Energy's most recent statewide propane price survey conducted on April 6, the average Missouri retail residential propane price was approximately \$1.36 per gallon.
- U.S. propane/propylene stocks increased over the prior report week at 57.4 MMB. As of April 17, U.S. propane/propylene stocks were 5.6 MMB, or 11 percent, higher than the year-ago inventory level for the same time of year. Midwest inventories are higher for the report week at 10.8 MMB. Midwest inventories stood at approximately 9.9 MMB at the same time last year.
- U.S. propane consumption was higher week-over-week at 0.9 MMB/D. Consumption stood at approximately 0.7 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>.