



## Division of Energy

# MISSOURI ENERGY BULLETIN

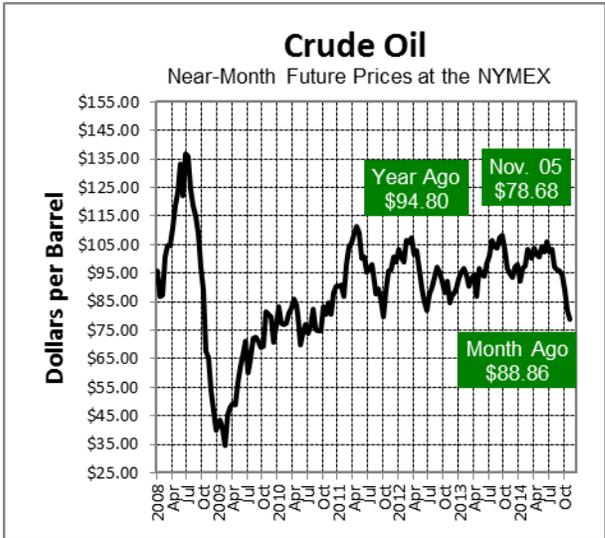
November 10, 2014

*(Data is for the week ended October 31, 2014, unless stated otherwise.)*

### Crude Oil

U.S. crude oil prices decreased \$10.18, or 11 percent, to \$78.68 per barrel in the past month and stand 17 percent lower compared to this time last year.

Crude Oil - Near Month Future Prices (dollars per barrel)					
	11-05-14	10-07-14	change	11-06-13	change
NYMEX	\$78.68	\$88.86	down 11%	\$94.80	down 17%



- At the New York Mercantile Exchange (NYMEX), crude oil futures for December 2014 delivery ended \$1.49, or 1.9 percent, higher on the November 5 trade day to settle at \$78.68 per barrel.
- Oil has fallen amid speculation that global supply is outpacing demand and on concern that OPEC won't reduce production enough to ease a global supply glut. The cartel meets in Vienna on November 27 to discuss its production policy.
- Compared to this time last year, the U.S. crude oil futures settlement price of \$78.68 is \$16.12, or 17 percent, lower.
- Total petroleum products supplied to market, a measure of consumption, over the last four-week period averaged 19.5 MMB/D, up by 0.4 percent compared to the same period last year.
- According to the November 5 weekly Energy Information Administration (EIA) fuels report, U.S. oil inventories increased 0.5 MMB to 380.2 MMB. U.S. crude supplies are now 5.2 MMB lower than compared to this time last year.

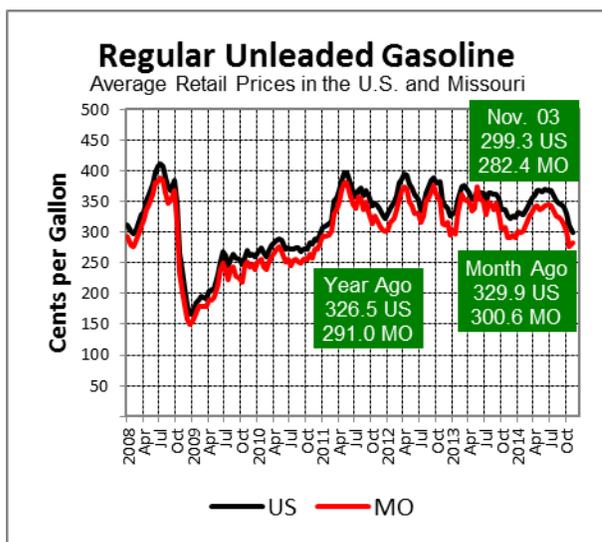
- Crude imports decreased from the prior week at 6.7 MMB/D. Imports at this time last year averaged 7.2 MMB/D. Domestic crude production was unchanged at nearly 9.0 MMB/D on the week. Last year at this time, production stood at 7.9 MMB/D.
- U.S. refinery crude runs were higher from the prior week with refiners processing about 15.5 MMB/D of crude. U.S. refinery capacity use was up on the week at 88.4 percent. Last year at this time, capacity use stood at 86.8 percent.
- Gasoline output was unchanged on the week at 9.5 MMB/D. Last year at this time, production stood at 9.1 MMB/D. Distillate output increased from the prior week at 4.6 MMB/D. Last year at this time, production stood at 4.9 MMB/D.

## Transportation Fuels

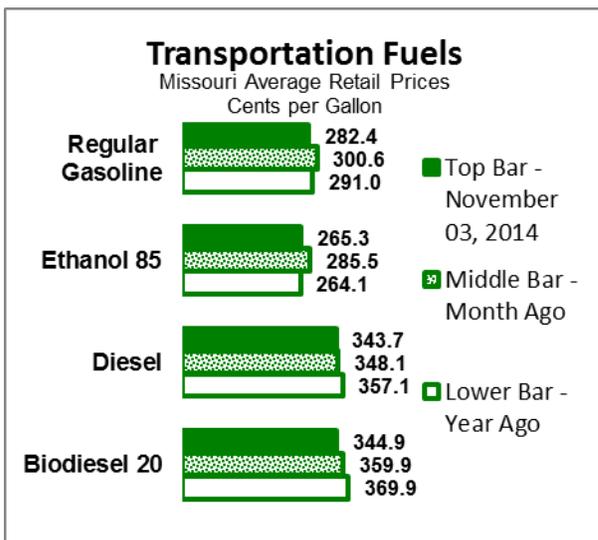
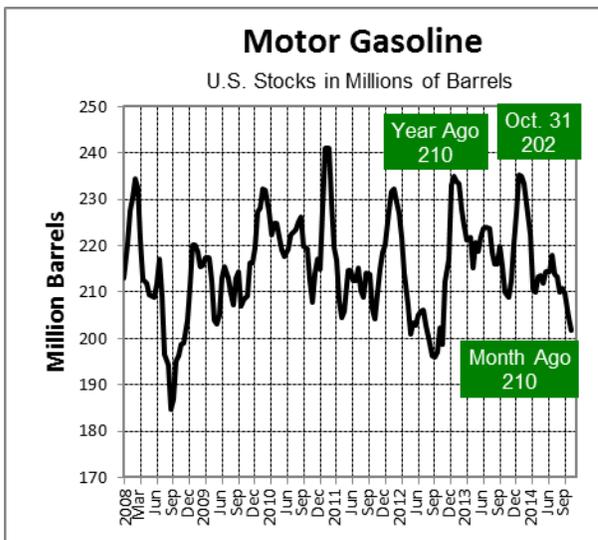
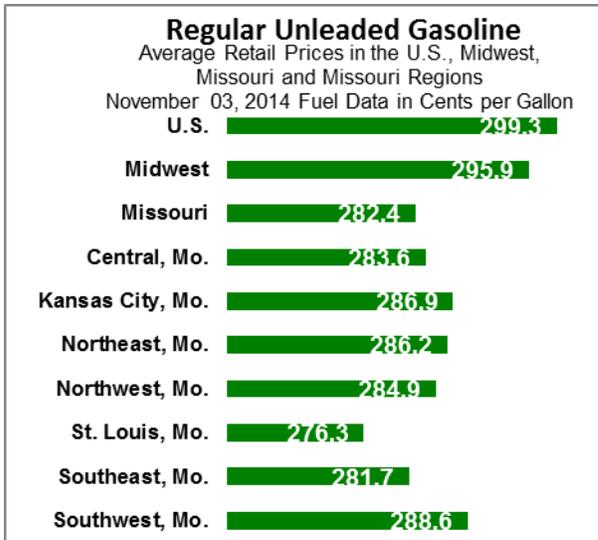
On November 3, Missouri's statewide average retail price for gasoline was about \$2.82 per gallon, down 18.2 cents in the past month and down 8.6 cents in the past year.

Regular Unleaded Gasoline - Retail Prices (cents per gallon)					
	11-03-14	10-06-14	change	11-04-13	change
US	299.3	329.9	down 9%	326.5	down 8%
Missouri	282.4	300.6	down 6%	291.0	down 3%

Diesel Fuel - Retail Prices (cents per gallon)					
	11-03-14	10-06-14	change	11-04-13	change
US	362.3	373.3	down 3%	385.7	down 6%
Missouri	343.7	348.1	down 1%	357.1	down 4%



- On November 3, Missouri's average retail price for gasoline was about \$2.82 per gallon, down 18.2 cents in the past month.
- The average price for diesel fuel was down 4.4 cents per gallon, or 1 percent, in the past month.
- Missouri's average retail gasoline price is 8.6 cents, or 3 percent, lower while the average retail diesel fuel price is 13.4 cents, or 4 percent, lower for the comparable period in November 2013.
- The U.S. average price for regular gasoline is 30.6 cents per gallon, or 9 percent, lower compared to last month at \$2.99 per gallon.
- The U.S. average was down 27.2 cents compared to this time last year. In the past week, the U.S. average decreased by 6.3 cents per gallon.



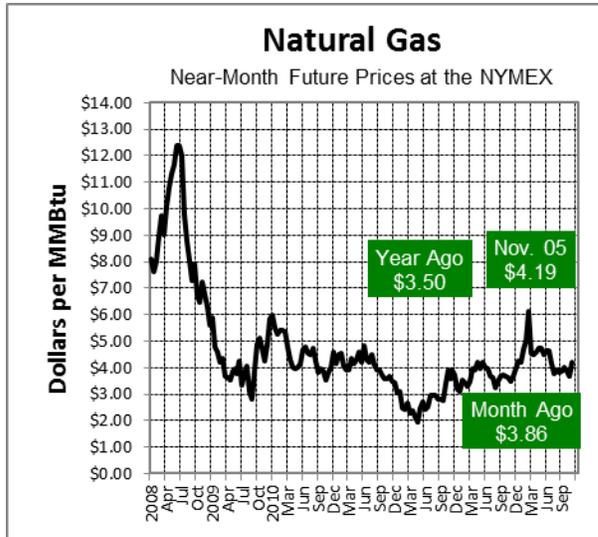
- Gasoline imports were slightly higher from the prior week at 0.5 MMB/D. Imports were just under 0.5 MMB/D last year at this time.
- Implied demand for gasoline was higher at 9.2 MMB/D. At this time last year, demand was 9.3 MMB/D.
- In the past four weeks, U.S. gasoline demand has averaged about 9.0 MMB/D, slightly lower from the same four-week period last year.
- U.S. gasoline supplies decreased at 201.8 MMB on the week. U.S. inventories are down 8.2 MMB compared to this time last year and trend within the five-year average for this time of year.
- Distillate stocks fell to 119.7 MMB and stand 1.8 MMB higher compared to the same period last year.
- Distillate demand decreased at 3.3 MMB/D on the week. Demand stood at 4.5 MMB/D at this time last year. On a four-week average, distillate demand was lower at 3.5 MMB/D.
- On November 3, Missouri's average retail price for E85 motor fuel, conventional motor fuel containing 85 percent ethanol, was about \$2.65 per gallon, 17.1 cents or 6.1 percent lower than the average price for conventional motor gasoline.
- On November 3, Missouri's average retail price for B20, diesel fuel containing 20 percent biofuel, was about \$3.45 per gallon, 1.2 cents or less than 1 percent higher than the average retail price for conventional diesel fuel.
- According to the October 7, 2014, *Short Term Energy Outlook*, EIA forecasts the 2014 regular gasoline retail price to average \$3.45 per gallon.

## Natural Gas

Approximately 53 percent (1,251,339) of Missouri households use natural gas to heat their homes. Natural gas is also used to produce goods and electricity. (Data updated from the most recent U.S. Census report.)

**On November 5, natural gas futures at the NYMEX closed at \$4.19 per million British thermal units (MMBtu), up \$0.33 in the last month.**

Natural Gas - Near Month Future Prices (dollars per MMBtu)					
	11-05-14	10-08-14	change	11-06-13	change
NYMEX	\$4.19	\$3.86	up 9%	\$3.50	up 20%



- At the NYMEX, natural gas futures for December 2014 delivery ended 6.5 cents higher on the November 5 trade day to close at \$4.19 per MMBtu. In the past year, natural gas values have increased by \$0.69 per MMBtu, or 20 percent.
- For the reporting week, October 29 to November 5, the price of the December 2014 contract increased by 40 cents, from \$3.79 to \$4.19 per MMBtu.
- According to the EIA, domestic natural gas demand increased. Residential consumption increased 41.1 percent from last week, reflecting winter weather and low

temperatures in the 20s and 30s through much of the country. Residential and commercial consumption rose to a weekly high of 30.5 Bcf, the highest level since April, before dropping back as temperatures moderated in the end half of the report week. Industrial consumption rose 4.9 percent, and consumption of natural gas for electric power generation fell 10.2 percent.

- Working gas in storage totaled 3,571 Bcf, 6.8 percent below the five-year average inventory level for the week, according to EIA's *Weekly Natural Gas Storage Report*. U.S. natural gas supplies are 238 Bcf, or 6.2 percent, lower than last year at this time.
- EIA expects that households heating with natural gas in the Midwest will spend an average of \$65, or 8 percent, less this winter than last winter, reflecting prices that are about 6 percent higher and consumption that is 13 percent lower.

## Propane

Approximately 10 percent (234,133) 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.

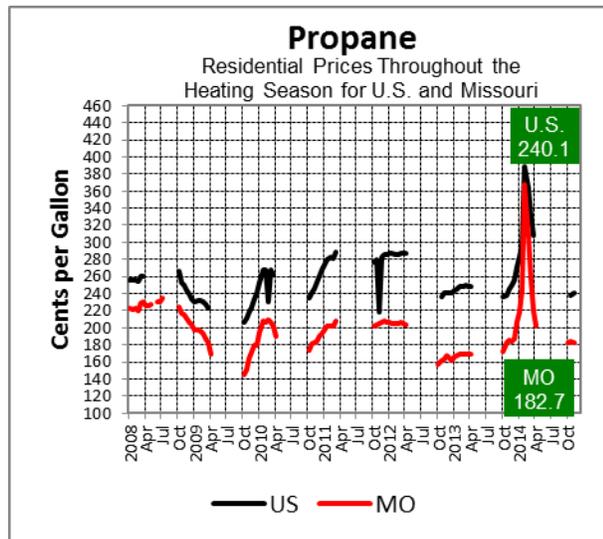
**On November 3, the average Missouri retail price for residential propane was about \$1.83 per gallon, less than 1 cent higher in the past month and down 3.6 cents in the past year.**

Propane - Retail Prices (cents per gallon)					
	11-03-14	10-06-14	change	11-04-13	change
Missouri	182.7	182.1	up 0%	186.3	down 2%

- According to the Division of Energy's most recent statewide propane price survey conducted November 3, the average Missouri retail residential propane price was \$1.83 per gallon, less than 1cent higher in the past month and down 3.6 cents compared to last year at this time.

- According to the survey, the highest Missouri retail residential price for propane was nearly \$2.10 per gallon. The lowest retail price was \$1.59 per gallon.

- U.S. propane stocks decreased by 0.1 MMB to 80.1 MMB, 18.1 MMB or 29.1 percent higher than a year ago. Midwest inventories were down slightly at 26.9 MMB. Midwest inventories are now 6.3 MMB, or 30.6 percent, higher than the 20.6 MMB reported at this time last year.



- Implied demand for propane decreased at 1.3 MMB/D on the week. Propane demand is 508,000 B/D or 28.5 percent, lower compared to this time last year.
- EIA expects that households heating with propane in the Midwest will spend an average of \$767, or 34 percent, less this winter than last winter, reflecting prices that are about 24 percent lower and consumption that is 13 percent lower. Factors that could affect propane demand include a repeat of last winter's cold weather, a record corn crop and recent infrastructure changes.

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

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

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

<http://energy.mo.gov/energy/stay-informed/missouri-energy-bulletins>

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

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

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