



# Missouri Department of Natural Resources Division of Energy

## MISSOURI ENERGY BULLETIN

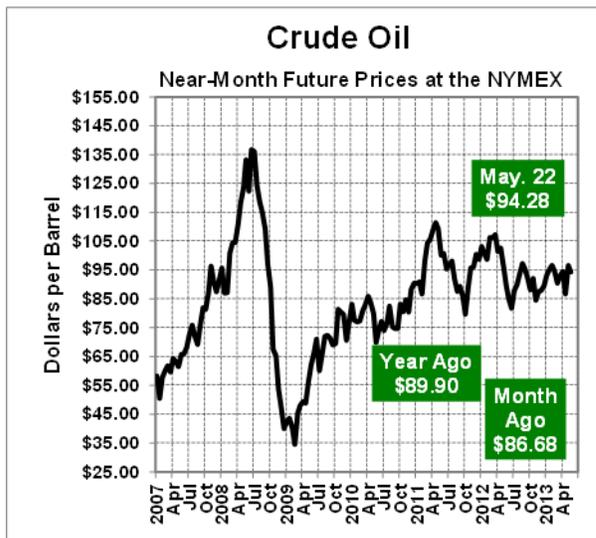
May 24 2013

*(Data is for the week ended May 17, 2013, unless stated otherwise.)*

### Crude Oil

**U.S. crude oil prices increased \$7.60, or 9 percent, to \$94.28 per barrel in the past month and stand 5 percent higher compared to this time last year.**

Crude Oil - Near Month Future Prices (dollars per barrel)					
	05-22-13	04-17-13	change	05-23-12	change
NYMEX	\$94.28	\$86.68	up 9%	\$89.90	up 5%



- At the New York Mercantile Exchange (NYMEX), crude oil futures for June delivery ended \$1.90, or 2 percent, lower on May 22 to close at \$94.28 per barrel after the weekly federal fuels report showed gasoline supplies unexpectedly gained and crude stockpiles declined less than expected.
- Oil prices declined on May 22 as oil supplies dropped two straight weeks after climbing to 395.5 million barrels (MMB) in the week ended May 3, the most since 1931. Surging North American crude output has bolstered stockpiles at Cushing, Oklahoma, which reached a record 51.9

MMB in the week ended January 11, increased 449,000 barrels to 50.2 MMB last week. Output, which fell 63,000 barrels per day (B/D) to 7.26 MMB/D, reached a 20-year high of 7.37 MMB the week ended May 3. Oil weakened after Federal Reserve Chairman Bernanke said the central bank may taper monthly bond purchases, known as quantitative easing, at its next few meetings if it is confident of sustained gains in the economy.

- Compared to this time last year, the U.S. crude oil futures settlement price of \$94.28 is \$4.38 higher.
- Total petroleum products supplied to market over the last four-week period averaged 18.6 MMB/D, down by 0.6 percent compared to the similar period last year. According to the May 22 Energy

Information Administration (EIA) weekly fuels report, U.S. oil inventories decreased 0.3 MMB at 394.6 MMB. U.S. crude supplies are now 12.0 MMB higher than at this time last year.

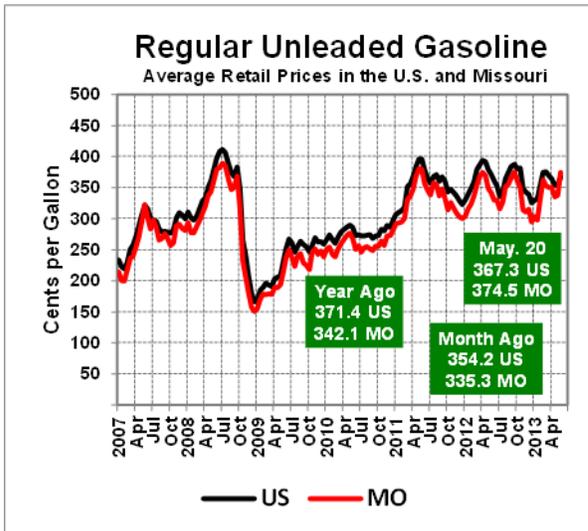
- Crude imports increased at 8.1 MMB/D, up 0.5 MMB/D from the prior week. Imports at this time last year averaged 8.6 MMB/D.
- U.S. refinery crude runs were relatively unchanged with refiners processing 15.2 MMB/D of crude. U.S. refinery capacity use was 87.3 percent, down 0.6 percent from the prior week and down 1.0 percent compared to this time last year.
- Gasoline output increased at 9.2 MMB/D on the week and was up 156,000 B/D compared to the production level at this time last year. Distillate output increased at 4.8 MMB/D, and stands 281,000 B/D higher compared to the production level at this time last year.

### Transportation Fuels

On May 20, Missouri's statewide average retail price for gasoline was about \$3.75 per gallon, up 39.2 cents in the past month and up 32.4 cents in the past year.

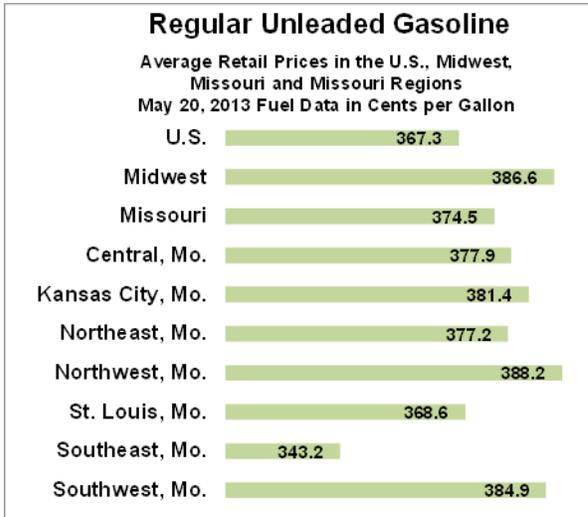
Regular Unleaded Gasoline - Retail Prices (cents per gallon)					
	05-20-13	04-15-13	change	05-21-12	change
US	367.3	354.2	up 4%	371.4	down 1%
Missouri	374.5	335.3	up 12%	342.1	up 9%

Diesel Fuel - Retail Prices (cents per gallon)					
	05-20-13	04-15-13	change	05-21-12	change
US	389.0	354.2	up 10%	395.6	down 2%
Missouri	371.2	374.9	down 1%	374.7	down 1%



- On May 20, Missouri's average retail price for gasoline was about \$3.75 per gallon, an increase of 39.2 cents in the past month. The average price for diesel fuel was down 3.7 cents per gallon in the past month. Missouri's average retail gasoline price is 32.4 cents, or 9 percent, higher, while the average diesel fuel price is 3.5 cents, or 1 percent, lower for the comparable period in May 2012.
- The U.S. average price for regular gasoline was up by 13.1 cents, or 4 percent, per gallon compared to last month at nearly \$3.67 per gallon. The U.S. average was down by 4.1 cents compared to this time last year. In the past week, the U.S. average increased by 7.0 cents.

- Gasoline imports increased by 410,000 B/D from the prior week at 1.1 MMB/D. Imports are 505,000 B/D higher than last year at this time.

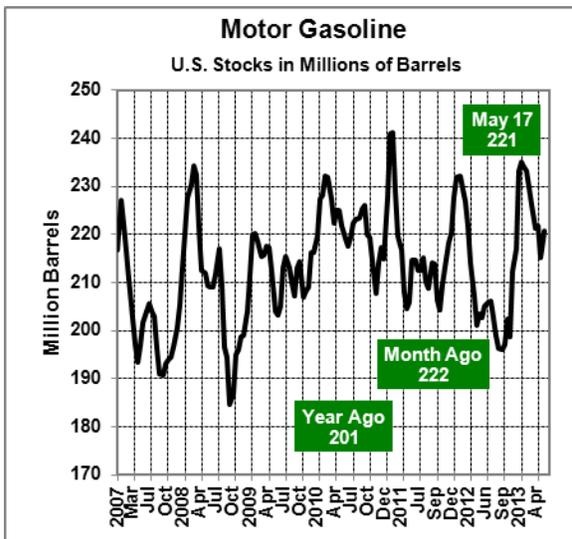
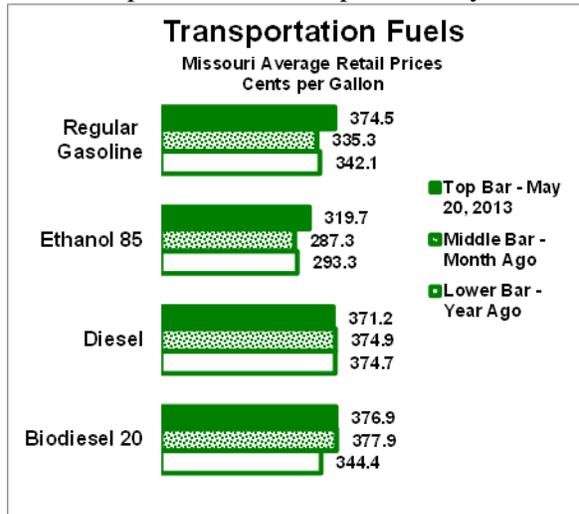


- Implied demand for gasoline increased at 8.8 MMB/D from the prior week, about 157,000 B/D higher compared to this same period last year. In the past 4 weeks, U.S. gasoline demand has averaged about 8.5 MMB/D, 292,000 B/D or 3.3 percent lower compared to the same 4-week period last year.
- U.S. gasoline supplies increased 3.0 MMB at 220.7 MMB on the week. U.S. gasoline inventories are up 19.7 MMB compared to this time last year and trend at the upper range of the five-year average for this time of year.

and stand 0.7 MMB lower compared to the same period last year. Distillate demand increased 0.6 MMB/D at 4.2 MMB/D on the week and up 0.6 MMB/D compared to the same period last year. On a four-week average, distillate demand was up 91,000 B/D compared to the same period last year at 3.8 MMB/D.

- On May 20, Missouri's average retail price for E85 motor fuel, conventional motor fuel containing 85 percent ethanol, was about \$3.20 per gallon, 55 cents or 14.7 percent lower than the average price for conventional motor gasoline.
- On May 20, Missouri's average retail price for B20, diesel fuel containing 20 percent biofuel, was about \$3.77 per gallon, 6 cents or 1.6 percent higher than the average retail price for conventional diesel fuel.

- Distillate stocks decreased at 118.8 MMB



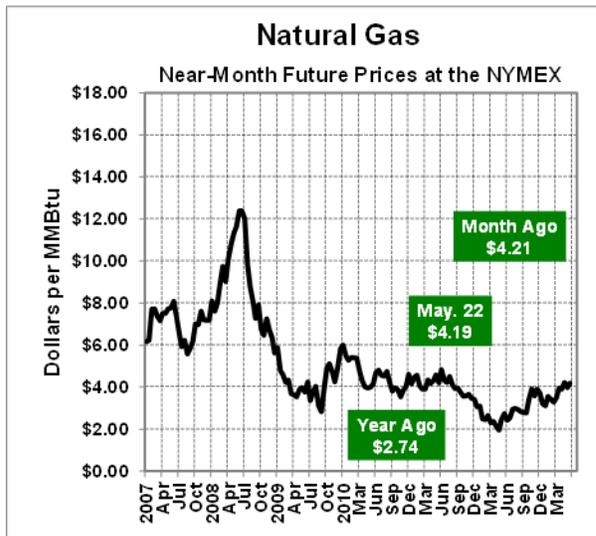
- According to EIA's May 7, 2013, *Short Term Energy Outlook*, EIA expects the regular gasoline price will average \$3.53 per gallon over the summer (April through September). The annual average regular gasoline retail price is projected to decline from \$3.63 per gallon in 2012 to \$3.50 per gallon in 2013 and to \$3.39 per gallon in 2014.

## Natural Gas

Approximately 58 percent (1,261,397) of Missouri households use natural gas to heat their homes. Natural gas is also used to produce goods and electricity.

**On May 22, natural gas futures at the NYMEX closed at \$4.19 per million British thermal units (MMBtu), down 2 cents from a month ago and up \$1.45 compared to last year at this time.**

Natural Gas - Near Month Future Prices (dollars per MMBtu)					
	05-22-13	04-17-13	change	05-23-12	change
NYMEX	\$4.19	\$4.21	down 0%	\$2.74	up 53%



- At the NYMEX, natural gas futures for June 2013 delivery ended less than 1.0 cent lower on May 22 to close at \$4.19 per MMBtu. In the past year, natural gas values have increased \$1.45 or 53 percent.
- The price of the near-month (June 2013) natural gas futures contract increased from \$4.07 per MMBtu on May 15 to \$4.19 per MMBtu on May 22.
- According to EIA, natural gas consumed for power generation increased 17.5 percent from last week. Residential and commercial consumption declined 23.1 percent and industrial consumption declined 2.6 percent.
- Working gas in storage totaled 2,053 billion cubic feet (Bcf), 3.9 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 680 Bcf, or 24.9 percent, lower than last year at this time.

## Propane

Approximately 13 percent (293,603) of Missouri households use propane to heat their homes. Propane is also used to support commercial operations, produce goods, dry grain harvests and fuel vehicles.

*(Note: Beginning April 2013, residential retail propane prices will be reported only for the first full week of each month through September 2013.)*

**On May 6, the average Missouri retail price for residential propane was about \$1.66 per gallon, down 2.6 cents in the past month, and down 13 percent compared to last year at this time.**

<i>Propane - Retail Prices (cents per gallon)</i>					
	<u>05-06-13</u>	<u>04-01-13</u>	<u>change</u>	<u>05-07-12</u>	<u>change</u>
Missouri	166.2	168.8	down 2%	188.0	down 13%

- According to the Division of Energy's statewide propane price survey conducted May 6, the average Missouri retail residential propane price was about \$1.66 per gallon, down 2.6 cents in the past month and down 13 percent 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, while the lowest retail price was about \$1.47 per gallon.
- U.S. inventories of propane increased by about 2.2 MMB to end at 43.9 MMB. Propane inventories are now 10.0 MMB, or 18.6 percent, lower compared to the same period last year. Implied demand for propane decreased by 277,000 B/D at 0.87 MMB/D on the week and down 125,000 B/D compared to the demand level for this time last year.
- Midwest propane inventories increased 985,000 barrels on the week. At 13.4 MMB, Midwest inventories are 7.6 MMB, or 36.2 percent, lower than the 21.0 MMB reported at this time last year.

The Missouri Energy Bulletin is distributed twice a month by the Missouri Department of Natural Resources' 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 on-line 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 65102-0176; Phone: (573) 751-3443 or (800) 361-4827; Fax: (573) 751-6860; E-mail: [energy@dnr.mo.gov](mailto:energy@dnr.mo.gov); Web Address: [www.dnr.mo.gov/energy/transportation/fb.htm](http://www.dnr.mo.gov/energy/transportation/fb.htm)