

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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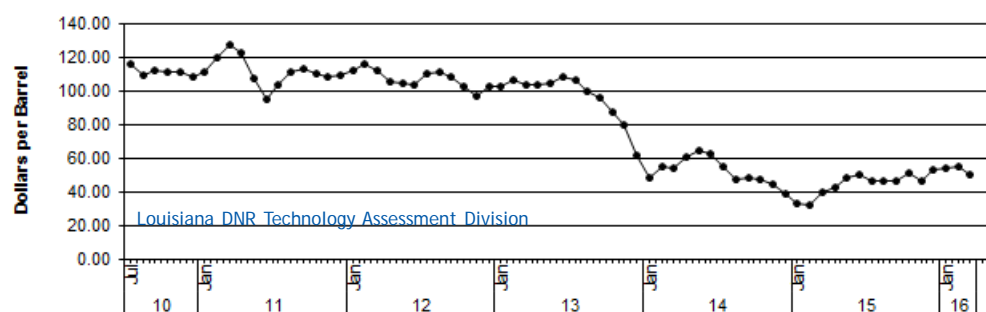
## Highlights

APRIL 2017

The U.S. rig count is increasing. After 2016, where the U.S. active rig count fell nationally to 404 rigs in May and was the lowest recorded rig count since 1999, the U.S. active rig count has rebounded to 809 rigs as of March 24, 2017, according to Baker Hughes. The doubling of the active rig count in the U.S. reflects the increasing oil and gas prices, with West Texas Intermediate (WTI) prices plunging as far as \$26.19 per barrel on February 11, 2016 and closed on March 30, 2017 at \$50.36 per barrel, nearly double the price from a little over a year ago. The increase in price can be attributed to the OPEC production limits implemented in January, with Saudi Arabia cutting their production the most. The increase in domestic rigs reflects the decrease in capital cost for active rigs and the exodus to the Permian Basin, which currently employs over 40% of all U.S. active rigs.

### Light Louisiana Sweet Crude Oil Average Spot Price at St. James

Month	(Dollars per Barrel)						% Change	
	2012	2013	2014	2015	2016	2017	15/16	16/17
January	111.81	112.73	102.79	48.81	32.82	54.04	-32.76%	64.66%
February	120.45	116.30	106.36	55.28	32.48	55.14	-41.24%	69.77%
March	127.39	112.82	104.13	54.38	40.11	50.69	-26.24%	26.38%
April	122.51	105.42	104.15	60.67	42.73		-29.57%	
May	108.00	104.27	104.27	64.96	48.70		-25.03%	
June	94.90	104.19	108.22	63.23	50.59		-19.99%	
July	103.49	110.52	106.41	54.69	46.41		-15.14%	
August	111.77	110.95	100.13	47.07	46.33 <sup>2</sup>		-1.57%	
September	112.99	108.17	96.30	48.64	46.84		-3.70%	
October	110.24	102.85	87.60	47.38	51.36		8.40%	
November	108.51	97.18	79.64	44.36	46.72		5.32%	
December	109.47	102.79	61.90	38.88	53.53		37.68%	
<b>Year Average</b>	<b>111.79</b>	<b>107.35</b>	<b>96.83</b>	<b>52.36</b>	<b>44.89</b>	<b>53.29<sup>**</sup></b>		



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	OCT 16	SEP 16	AUG 16	OCT 15
<b>PRODUCTION</b>				
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>F</sup> (MMB)	45	40 <sup>2</sup>	46 <sup>2</sup>	46
Natural Gas & Casinghead <sup>F</sup> (BCF)	93	85 <sup>2</sup>	93 <sup>2</sup>	101
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	272	257	272	290 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,191	2,155	2,242	2,298 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	236	242	249	220 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	230	237	261	226
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	105	91	82	193
U.S. Oil <sup>A</sup>	436	416	397	597
U.S. Offshore <sup>A</sup>	23	18	17	33
U.S. Total <sup>A</sup>	543	509	481	791
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	44.66	40.01	40.04	39.33
U.S. Imports Average <sup>C</sup> (F.O.B.)	42.36	38.28 <sup>2</sup>	38.27	37.21
U.S. Wellhead Average <sup>C</sup>	45.00	40.54	40.46	42.34 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	43.98	40.94	41.29	43.54
State Severance Wellhead Average <sup>E</sup>	N/A	N/A	36.54	37.61
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	4.19	4.59	4.37	4.00
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.59	2.47	2.42	3.23
U.S. Spot Market Average <sup>D</sup>	2.71	2.74	2.66	2.41
State Royalty Wellhead Average	2.94	2.84	2.63	2.31 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.95	2.85	2.67	2.56

### Key

### Data Sources

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>FO.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy	<b>F</b>	BOEM

**Note:** Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.

### Note from the Editors

**Louisiana Energy Facts** is published monthly by the Louisiana Department of Natural Resources, Technology Assessment Division as a public service to individuals interested in Louisiana energy activities. Content includes recent oil, gas and other energy statistics and a brief analysis of current trends.

**Louisiana Energy Facts** articles provide insight and information on subjects of special interest to our readers, and may announce relevant, forthcoming publications.

These documents are available on the Louisiana Department of Natural Resources, Technology Assessment Division home page:

<http://www.dnr.louisiana.gov/tad>. From the menu, select **Newsletters**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

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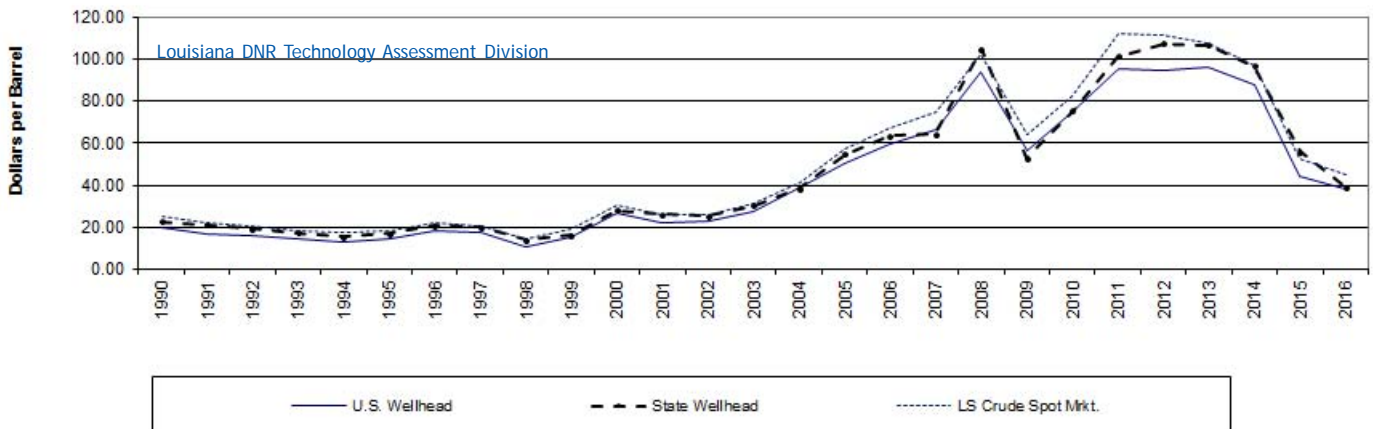
# Average Crude Oil Prices (Dollars/Barrel)

Louisiana DNR Technology Assessment Division

## UNITED STATES

## LOUISIANA

YEAR	REFINERY						SPOT MARKET
	IMPORTS F.O.B. <sup>C</sup>	DOMESTIC ACQUISITION <sup>C</sup>	U.S. WELLHEAD <sup>C</sup>	DOE WELLHEAD <sup>C</sup>	STATE WELLHEAD <sup>D</sup>	FEDERAL OCS <sup>C</sup>	
1993	14.72	16.66	14.24	16.72	17.39	16.17	18.56
1994	14.13	15.64	13.19	15.61	15.46	14.72	17.25
1995	15.69	17.32	14.62	17.06	16.98	16.16	18.60
1996	19.24	20.81	18.46	20.87	20.56	20.00	22.32
1997	16.98	19.65	17.23	19.23	19.80	18.63	20.69
1998	10.75	13.15	10.93	12.52	13.68	12.03	14.21
1999	16.48	17.64	15.53	17.55	16.09	16.46	19.00
2000	26.26	29.08	26.72	29.14	28.10	27.57	30.29
2001	20.45	24.34	21.90	24.70	26.23	23.36	25.84
2002	22.57	24.56	22.50	24.92	25.17	23.36	26.18
2003	26.06	29.78	27.54	30.50	30.28	28.69	31.20
2004	33.75	38.97	38.86	40.43	38.34	37.54	41.47
2005	47.74	53.05	50.53	54.68	54.62	50.97	56.86
2006	57.03	62.50	59.65	64.17	63.55	60.62	67.44
2007	66.12	69.56	66.56	71.98	64.14	67.42	74.60
2008	89.45	98.09	94.22	99.53	104.86	100.00	102.29
2009	58.12	58.95	56.31	59.27	52.78	57.57	64.28
2010	74.21	77.94	74.65	78.23	75.24	77.13	82.72
2011	101.65	100.62	95.69	106.30	101.40	106.19	112.24
2012	99.54	100.91	94.63	105.98	107.46	105.85	111.79
2013	96.51	102.93	96.00	105.16	106.75	103.50	107.35
2014	85.60	94.45	87.71	94.44	96.84	93.61	96.83
2015	41.92 <sup>2</sup>	49.86 <sup>2</sup>	44.31	48.38	55.93	47.96	52.36
2016	36.12	42.34	38.37	41.25	38.92	38.46	44.89





LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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Quick Facts

APRIL 2017

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	Mar 17	Feb 17	Mar 16
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.84	2.84	1.64
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.63	3.39	1.71
Light Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	50.69	55.14 <sup>2</sup>	40.11 <sup>2</sup>

**BAKER HUGHES RIG COUNTS**

	Feb 17	Jan 17	Feb 16
North Louisiana <sup>A</sup>	28	24	18
South Louisiana Inland Waters <sup>A</sup>	3	1	1
South Louisiana Inland <sup>A</sup>	4	5	5
Louisiana State Offshore	1	1	0
Louisiana Federal OCS Offshore	16	20	23
Total Louisiana <sup>A</sup> (OCS included)	52	51	47

**PRODUCTION (State Jurisdiction Only)**

	Feb 17	Jan 17	Feb 16
Louisiana Crude Oil & Condensate (MMB)	4.4	4.5 <sup>2</sup>	4.7 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	130.8	135.6 <sup>2</sup>	139.8 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	Feb 17	Jan 17	Feb 16
Total Louisiana Oil and Gas	59	77	33
Louisiana Wildcats	0	1	0
Louisiana Offshore (Wildcats included)	0	0	0