

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

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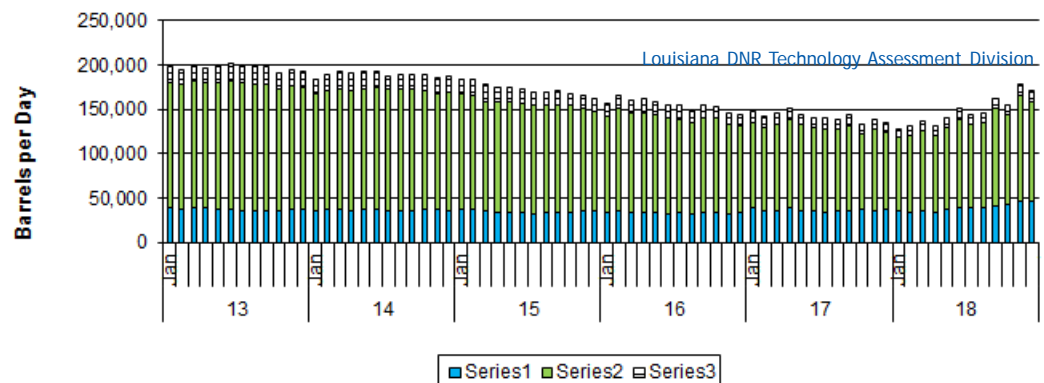
## Highlights

## JANUARY 2019

The year 2018 saw a volatile market for oil and gas prices and ended on a down note. The start of the year saw oil prices open in the \$60 range, slowly increasing throughout the spring and summer, reaching a high of \$76.41 on October 3. However, when the year ended, oil prices retreated to a yearly low of \$43.01 on Christmas Eve. Natural gas followed its normal trajectory, with the highs coming earlier, and then later, in the year. The year opened with natural gas at \$3.06/MMBtu, fell to \$2.55 on February 12, and maintained around the \$3 level until November, when it started to spike due to colder than anticipated conditions and a decline in storage, reaching a high at \$4.84 on November 14, then ending the year in the mid-\$3 range.

### Louisiana Crude Oil & Condensate Production, Excluding Federal OCS

Month	(Barrels/Day)						% Change 17/18
	2013	2014	2015	2016	2017	2018	
January	199,020	184,399	184,649 <sup>2</sup>	156,561 <sup>2</sup>	147,607 <sup>2</sup>	128,545 <sup>2</sup>	-12.91%
February	195,357	188,542	183,853 <sup>2</sup>	166,756 <sup>2</sup>	141,731 <sup>2</sup>	131,354 <sup>2</sup>	-7.32%
March	199,682	193,664	177,652 <sup>2</sup>	160,912 <sup>2</sup>	145,441 <sup>2</sup>	136,714 <sup>2</sup>	-6.00%
April	197,259	190,259	175,262 <sup>2</sup>	161,545 <sup>2</sup>	150,736 <sup>2</sup>	131,001 <sup>2</sup>	-13.09%
May	199,939	192,486	175,280 <sup>2</sup>	158,990 <sup>2</sup>	144,536 <sup>2</sup>	140,359 <sup>2</sup>	-2.89%
June	201,326	193,778	172,234 <sup>2</sup>	155,826 <sup>2</sup>	141,030 <sup>2</sup>	150,625 <sup>2</sup>	6.80%
July	199,751	187,997	169,042 <sup>2</sup>	154,328 <sup>2</sup>	140,019 <sup>2</sup>	144,377 <sup>2</sup>	3.11%
August	199,333	189,138	169,137 <sup>2</sup>	148,939 <sup>2</sup>	138,958 <sup>2</sup>	145,820 <sup>2</sup>	4.94%
September	197,901	189,164	170,981 <sup>2</sup>	154,565 <sup>2</sup>	144,067 <sup>2</sup>	162,675 <sup>1</sup>	12.92%
October	191,332	188,548	168,451 <sup>2</sup>	153,819 <sup>2</sup>	132,572 <sup>2</sup>	155,929 <sup>1</sup>	17.62%
November	194,372	185,259	166,277 <sup>2</sup>	146,454 <sup>2</sup>	138,872 <sup>2</sup>	178,942 <sup>1</sup>	28.85%
December	192,847	187,379	163,081 <sup>2</sup>	144,247 <sup>2</sup>	135,732 <sup>2</sup>	171,522 <sup>1</sup>	26.37%
<b>Year Average</b>	<b>197,343</b>	<b>189,218</b>	<b>172,992</b>	<b>155,245</b>	<b>141,775</b>	<b>148,155 <sup>1</sup></b>	<b>4.50%</b>



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUL 18	JUN 18	MAY 18	JUL 17
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	54	46 <sup>2</sup>	45 <sup>2</sup>	54 <sup>2</sup>
Natural Gas & Casinghead <sup>F</sup> (BCF)	82	70 <sup>2</sup>	70 <sup>2</sup>	95 <sup>2</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	339	320	324	286 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	3,108	2,955 <sup>2</sup>	3,082 <sup>2</sup>	2,764 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	246	254	243	245 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	249	230	229	251 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	187	193	198	189
U.S. Oil <sup>A</sup>	863	863	850	765
U.S. Offshore <sup>A</sup>	18	19	20	22
U.S. Total <sup>A</sup>	1,068	1,075	1,068	976
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	70.30	70.18 <sup>2</sup>	69.66 <sup>2</sup>	45.95 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	62.35	63.09 <sup>2</sup>	62.95 <sup>2</sup>	42.09
U.S. Wellhead Average <sup>C</sup>	67.00	62.80 <sup>2</sup>	66.16 <sup>2</sup>	43.42
Gulf OCS Wellhead Average <sup>C</sup>	71.30	68.51	67.34	44.05 <sup>2</sup>
State Severance Wellhead Average <sup>E</sup>	71.05	69.31	63.22	45.82
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	4.69	4.46	4.13	4.73 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.15	1.86	1.73	2.40
U.S. Spot Market Average <sup>D</sup>	2.79	2.93 <sup>2</sup>	2.78 <sup>2</sup>	2.96 <sup>2</sup>
State Royalty Wellhead Average	2.77	2.81 <sup>2</sup>	2.65 <sup>2</sup>	2.81 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.00	2.94	2.82	3.07

### 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>NA</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.

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<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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## Louisiana Crude Oil and Condensate Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>(Barrels)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1999	16,711,501	81,260,610	12,850,588	110,822,699
2000	15,307,562	80,304,828	11,549,975	107,162,365
2001	14,274,475	79,328,486	11,264,058	104,867,019
2002	12,726,261	71,523,765	9,440,089	93,690,115
2003	12,049,211	67,975,624	10,349,488	90,374,323
2004	11,696,648	63,270,406	8,725,050	83,692,104
2005	11,909,370	56,993,657	6,782,960	75,685,987
2006	12,100,880	55,151,918	6,717,319	73,970,117
2007	12,427,647	57,353,465	7,595,386	77,376,498
2008	13,117,969	53,211,365	6,281,915	72,611,249
2009	12,209,641	50,625,343	5,990,173	68,825,157
2010	11,184,886	49,510,929	6,582,203	67,278,018
2011	12,284,423	50,164,149	6,516,262	68,964,834
2012	12,759,351	51,694,629	6,596,294	71,050,274
2013	13,681,369	51,777,663	6,771,072	72,230,104
2014	13,470,853	49,255,648	6,338,434	69,064,935
2015	12,788,166	44,495,686	5,832,736	63,116,588
2016	12,240,763	39,063,169	5,328,614	56,632,546
2017	13,510,337 <sup>2</sup>	34,257,229 <sup>2</sup>	4,166,524 <sup>2</sup>	50,937,764 <sup>2</sup>
2018	14,431,390 <sup>1</sup>	35,715,084 <sup>1</sup>	4,081,313 <sup>1</sup>	54,227,787 <sup>1</sup>

## Louisiana Natural Gas and Casinghead Gas Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>(MCF)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1999	385,479,720	957,381,530	115,829,899	1,458,691,149
2000	381,407,678	978,585,376	107,546,713	1,467,539,767
2001	390,842,072	993,269,323	111,210,322	1,495,321,717
2002	387,069,536	876,556,069	98,236,172	1,361,861,777
2003	416,488,328	844,709,436	83,413,309	1,344,611,073
2004	475,425,191	806,165,872	68,134,157	1,349,725,220
2005	537,869,897	693,599,008	53,486,449	1,284,955,354
2006	571,855,790	710,839,849	67,273,125	1,349,968,764
2007	611,464,342	672,366,479	71,481,521	1,355,312,342
2008	684,054,142	591,428,816	83,936,258	1,359,419,216
2009	911,133,017	489,836,508	74,862,729	1,475,832,254
2010	1,610,269,087	408,220,740	68,472,242	2,086,962,069
2011	2,456,376,928	392,295,264	69,888,267	2,918,560,459
2012	2,512,134,036	375,838,655	76,839,040	2,964,811,731
2013	1,865,490,017	393,805,103	63,359,956	2,322,655,076
2014	1,615,936,235	363,032,183	47,938,598	2,026,907,016
2015	1,513,126,983	335,074,389	36,896,138	1,885,097,510
2016	1,481,158,520	264,921,884	56,915,604	1,802,996,008
2017	1,868,957,678	237,832,078	21,766,485	2,128,556,241 <sup>2</sup>
2018	2,358,617,182 <sup>1</sup>	232,743,880 <sup>1</sup>	17,140,899 <sup>1</sup>	2,608,501,962 <sup>1</sup>



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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JANUARY 2019

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	Dec 18	Nov 18	Dec 17
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.91	3.74	2.79 <sup>2</sup>
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.97	4.10	2.80 <sup>2</sup>
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	56.04	64.76	63.22 <sup>2</sup>

**BAKER HUGHES RIG COUNTS**

	Nov 18	Oct 18	Nov 17
North Louisiana <sup>A</sup>	34	34	39
South Louisiana Inland Waters <sup>A</sup>	4	3	1
South Louisiana Inland <sup>A</sup>	7	7	3 <sup>2</sup>
Louisiana State Offshore	1	0	0 <sup>2</sup>
Louisiana Federal OCS Offshore	20	19	18
Total Louisiana <sup>A</sup> (OCS included)	65	63	60

**PRODUCTION (State Jurisdiction Only)**

	Nov 18	Oct 18	Nov 17
Louisiana Crude Oil & Condensate (MMB)	5.0 <sup>1</sup>	4.9 <sup>1</sup>	4.2 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	233.4 <sup>1</sup>	233.8 <sup>1</sup>	199.7 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	Nov 18	Oct 18	Nov 17
Total Louisiana Oil and Gas	42	88	72
Louisiana Wildcats	0	0	0
Louisiana Offshore (Wildcats included)	0	0	0