

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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

## INSIDE

**Highlights**  
page 1

**Louisiana  
Monthly Crude Oil &  
Condensate Production**  
page 1

**Current Oil & Gas Data**  
page 2

**Louisiana Crude Oil &  
Condensate Production**  
page 3

**Louisiana Natural Gas &  
Casinghead Production**  
page 3

**Quick Facts**  
page 4



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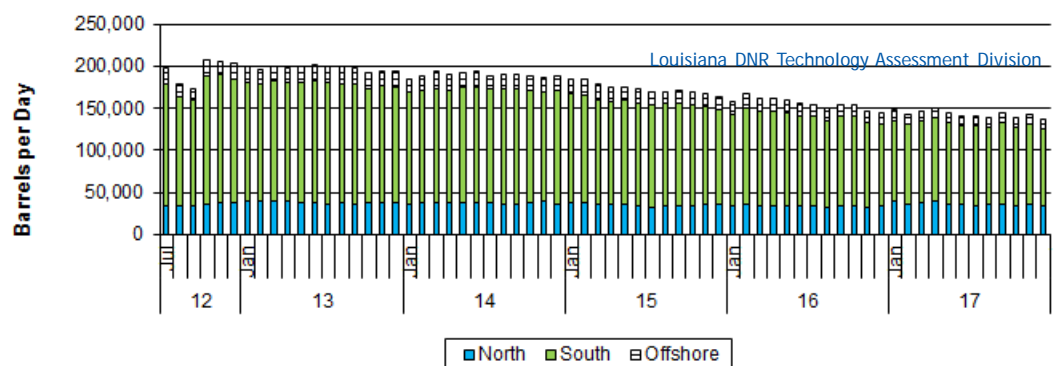
## Highlights

## JANUARY 2018

In 2017, we saw oil and gas prices rebound and stabilize, ending on a positive note for the year. At the beginning of the year, oil prices opened in the \$52 range, slowly decreasing over the spring to a low of \$42.53 on June 21, \$9.80 lower than when the year started. However, when the year ended, oil prices were at their 2017 highs, closing at \$60.42 on December 29. Natural gas followed a different trajectory, with the highs coming earlier in the year. The year opened with natural gas at \$3.724/MMBTU, fell to \$2.564 on February 21, and maintained around the \$3.00 level until December, where it started to decline and ending the year at \$2.953 on December 29.

### Louisiana Monthly Crude Oil and Condensate Production, Excluding Federal OCS

Month	(Barrels/Day)						% Change 16/17
	2012	2013	2014	2015	2016	2017	
January	192,951	199,020	184,399	184,649	156,561 <sup>2</sup>	147,607 <sup>2</sup>	-5.72%
February	196,737 <sup>2</sup>	195,357	188,542	183,853	166,756 <sup>2</sup>	141,731 <sup>2</sup>	-15.01%
March	192,705	199,682	193,664	177,652	160,912 <sup>2</sup>	145,441 <sup>2</sup>	-9.62%
April	194,865	197,259	190,259	175,262	161,545 <sup>2</sup>	150,736 <sup>2</sup>	-6.69%
May	198,074	199,939	192,486	175,280	158,990 <sup>2</sup>	144,536 <sup>2</sup>	-9.09%
June	194,467	201,326	193,778	172,234	155,826 <sup>2</sup>	141,030 <sup>2</sup>	-9.50%
July	198,065	199,751	187,997	169,042	154,328 <sup>2</sup>	140,019 <sup>2</sup>	-9.27%
August	179,086	199,333	189,138	169,137	148,939 <sup>2</sup>	138,958 <sup>2</sup>	-6.70%
September	173,045	197,901	189,164	170,981	154,565 <sup>2</sup>	144,067 <sup>1</sup>	-6.79%
October	206,264	191,332	188,548	168,451	153,819 <sup>2</sup>	138,149 <sup>1</sup>	-10.19%
November	206,057	194,372	185,259	166,277	146,454 <sup>2</sup>	141,451 <sup>1</sup>	-3.42%
December	203,455	192,847	187,379	163,081	144,247 <sup>2</sup>	136,969 <sup>1</sup>	-5.05%
<b>Year Average</b>	<b>194,648<sup>2</sup></b>	<b>197,343</b>	<b>189,218</b>	<b>172,992</b>	<b>155,245<sup>2</sup></b>	<b>142,558<sup>1</sup></b>	<b>-8.17%</b>



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUL 17	JUN 17	MAY 17	JUL 16
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	54	44 <sup>2</sup>	52 <sup>2</sup>	40
Natural Gas & Casinghead <sup>F</sup> (BCF)	95	88 <sup>2</sup>	96 <sup>2</sup>	88
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	285	272 <sup>2</sup>	283 <sup>2</sup>	269
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,750	2,682 <sup>2</sup>	2,770 <sup>2</sup>	2,213
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	243	240	260	251
U.S. Natural Gas <sup>C</sup> (BCF)	251	240	244	265
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	189	184	178	88
U.S. Oil <sup>A</sup>	765	747	714	359
U.S. Offshore <sup>A</sup>	22	21 <sup>2</sup>	22	20
U.S. Total <sup>A</sup>	976	952 <sup>2</sup>	893	449
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	45.40	43.52 <sup>2</sup>	45.58	39.61
U.S. Imports Average <sup>C</sup> (F.O.B.)	42.09	41.35 <sup>2</sup>	43.74 <sup>2</sup>	38.76
U.S. Wellhead Average <sup>C</sup>	43.42	42.19	45.19	40.70
Gulf OCS Wellhead Average <sup>C</sup>	44.05	44.33	47.09	42.54
State Severance Wellhead Average <sup>E</sup>	45.82	46.65	66.46	43.94
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	4.67	4.78	4.39	4.45
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.40	2.62	2.70	2.35
U.S. Spot Market Average <sup>D</sup>	2.96	2.94 <sup>2</sup>	3.01	2.70
State Royalty Wellhead Average	2.92	2.96	3.09	2.73 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.07	3.24	3.14	2.92

### 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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## Louisiana Crude Oil and Condensate Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

YEAR	(Barrels)			
	NORTH	SOUTH	OFFSHORE	TOTAL
1998	20,304,949	87,523,706	14,312,144	122,140,799
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 <sup>2</sup>	49,255,648 <sup>2</sup>	6,338,434 <sup>2</sup>	69,064,935 <sup>2</sup>
2015	12,788,166 <sup>2</sup>	44,495,686 <sup>2</sup>	5,832,736 <sup>2</sup>	63,116,588 <sup>2</sup>
2016	12,240,763 <sup>1</sup>	39,063,169 <sup>1</sup>	5,328,614 <sup>1</sup>	56,632,546 <sup>2</sup>
2017	13,106,036 <sup>1</sup>	34,794,068 <sup>1</sup>	4,270,678 <sup>1</sup>	52,170,782 <sup>1</sup>

## Louisiana Natural Gas and Casinghead Gas Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

YEAR	(MCF)			
	NORTH	SOUTH	OFFSHORE	TOTAL
1998	429,257,932	1,008,712,261	144,320,869	1,582,291,062
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	1,532,743,490 <sup>2</sup>	362,994,396 <sup>2</sup>	47,938,598 <sup>2</sup>	1,943,676,484 <sup>2</sup>
2015	1,410,166,735 <sup>2</sup>	335,078,165 <sup>2</sup>	36,893,574 <sup>2</sup>	1,782,138,474 <sup>2</sup>
2016	1,433,821,666 <sup>1</sup>	264,908,454 <sup>1</sup>	27,915,604 <sup>1</sup>	1,726,645,724 <sup>2</sup>
2017	1,646,217,389 <sup>1</sup>	241,422,952 <sup>1</sup>	22,439,198 <sup>1</sup>	1,910,079,539 <sup>1</sup>



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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**INSIDE**

**Highlights**  
page 1

**Louisiana  
Monthly Crude Oil &  
Condensate Production**  
page 1

**Current Oil & Gas Data**  
page 2

**Louisiana Crude Oil &  
Condensate Production**  
page 3

**Louisiana Natural  
Gas & Casinghead  
Production**  
page 3

**Quick Facts**  
page 4

**Quick Facts**

**JANUARY 2018**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	<b>Dec 17</b>	<b>Nov 17</b>	<b>Dec 16</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.67	2.83	3.39
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.80	2.99 <sup>2</sup>	3.23
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	63.22	62.38 <sup>2</sup>	53.38 <sup>2</sup>

**BAKER HUGHES RIG COUNTS**

	<b>Nov 17</b>	<b>Oct 17</b>	<b>Nov 16</b>
North Louisiana <sup>A</sup>	39	42	22
South Louisiana Inland Waters <sup>A</sup>	1	1	2
South Louisiana Inland <sup>A</sup>	3	2	6
Louisiana State Offshore	0	0	1 <sup>2</sup>
Louisiana Federal OCS Offshore	18	19	21
Total Louisiana <sup>A</sup> (OCS included)	60	64	52 <sup>2</sup>

**PRODUCTION (State Jurisdiction Only)**

	<b>Nov 17</b>	<b>Oct 17</b>	<b>Nov 16</b>
Louisiana Crude Oil & Condensate (MMB)	4.2 <sup>1</sup>	4.3 <sup>1</sup>	4.4 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	162.9 <sup>1</sup>	161.7 <sup>1</sup>	136.7 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	<b>Nov 17</b>	<b>Oct 17</b>	<b>Nov 16</b>
Total Louisiana Oil and Gas	72	77	58
Louisiana Wildcats	0	1	2
Louisiana Offshore (Wildcats included)	0	0	0