



*Independent Statistics & Analysis*

U.S. Energy Information  
Administration

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# The Distribution of U.S. Oil and Natural Gas Wells by Production Rate

December 2017



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## Introduction

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This report provides yearly estimates of the number of producing oil and natural gas wells, which are grouped into 26 production volume brackets ranging from less than 1 barrel of oil equivalent per day (BOE/day) to more than 12,800 BOE/day. Wells are also designated as either oil or natural gas wells based on a gas-oil ratio (GOR) of 6,000 cubic feet (cf) of gas to 1 barrel (b) of oil (cf/b) for each year's production. If the GOR is less than 6,000 cf/b, then the well is classed as an oil well. If the GOR is greater than 6,000 cf/b, then the well is classed as a natural gas well.

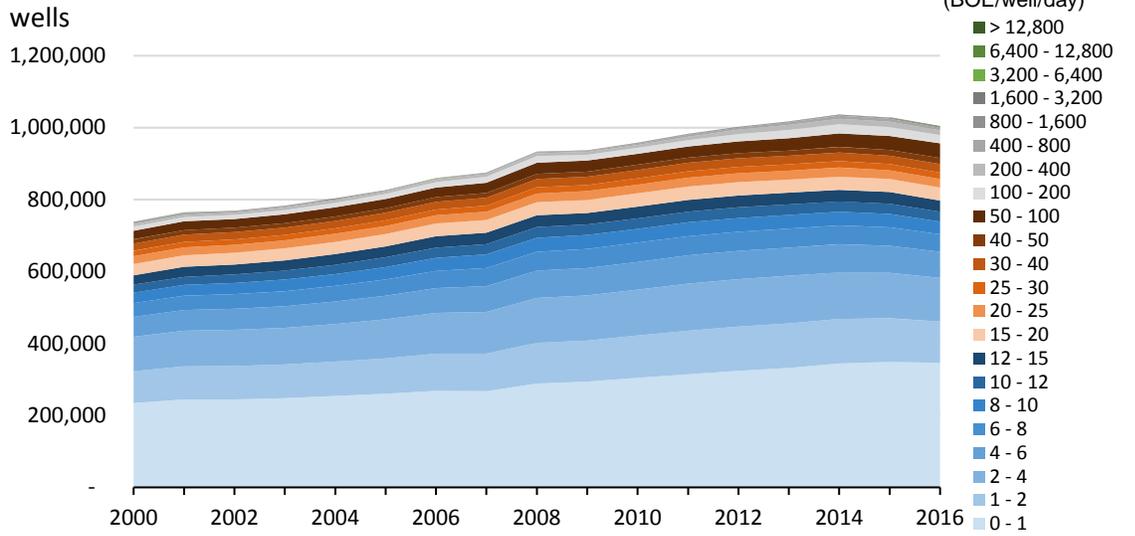
The total volumes shown in the distribution tables may not exactly equal other related data, including other EIA sources. Major reasons for discrepancies include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production (sometimes state-level data are available sooner than well-level data), and the definition of a *well* and which *entity* is counted and summed.

This report includes four sections: an explanation of what a well is, methodology, frequently asked questions, and suggestions for querying the downloadable Excel data file of individual state data. The distribution tables for the production rates of all U.S. oil and natural gas wells cover the years 2000 through 2016. The Appendix provides summary breakouts for the total United States, each state, the Federal Gulf of Mexico, and the Federal Pacific.

Four figures provide an overview of the distribution of producing oil and natural gas wells between 2000 and 2016 (data for 2016 are less complete than for other years). Figure 1 shows that most of the wells produce less than 15 BOE/day. Figure 2 shows the rapid increase in horizontal wells over the past decade. Figures 3 and 4 show most U.S. oil and natural gas production comes from wells producing between 100 and 3,200 BOE/day. The Appendix C spreadsheet can be used to generate these types of figures for all regions and for additional variables.

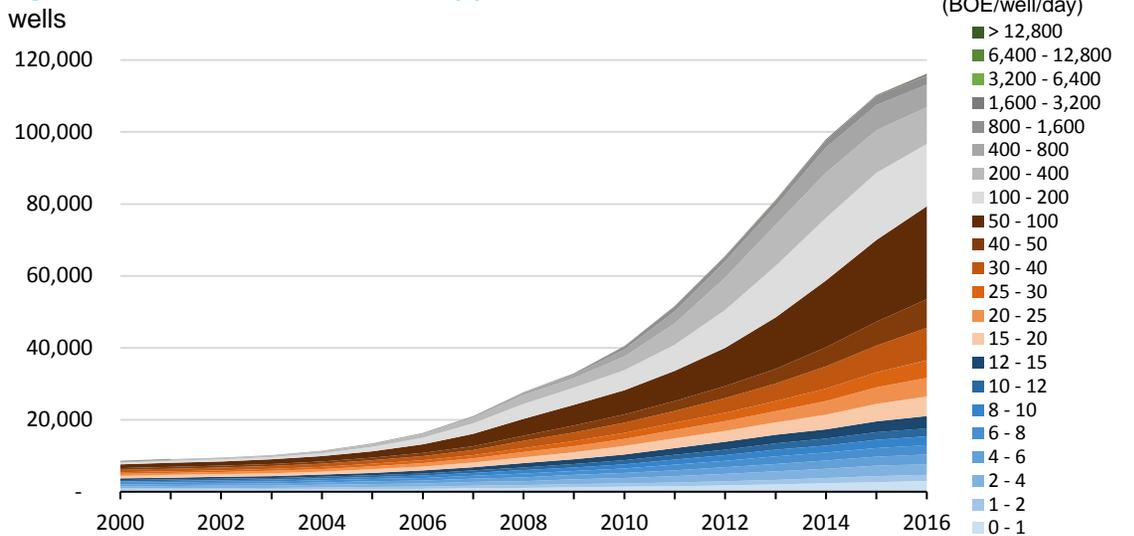
The quality and completeness of the available data used to build the tables vary by state. The data originates from state administrative records of monthly well or lease-level natural gas and liquid production. The main commercial data source is [Drillinginfo](#), which is supplemented by [IHS Markit](#). Some state agencies do not make well-production data available until years after production occurs, and others have never made well-production data available. For the late-reporting states—Kentucky, Missouri, and Tennessee—the last year of reported data is used to populate recent missing years to achieve the most complete U.S. total well counts. Data is not available for Illinois and Indiana.

**Figure 1. U.S. total wells by production rate brackets**

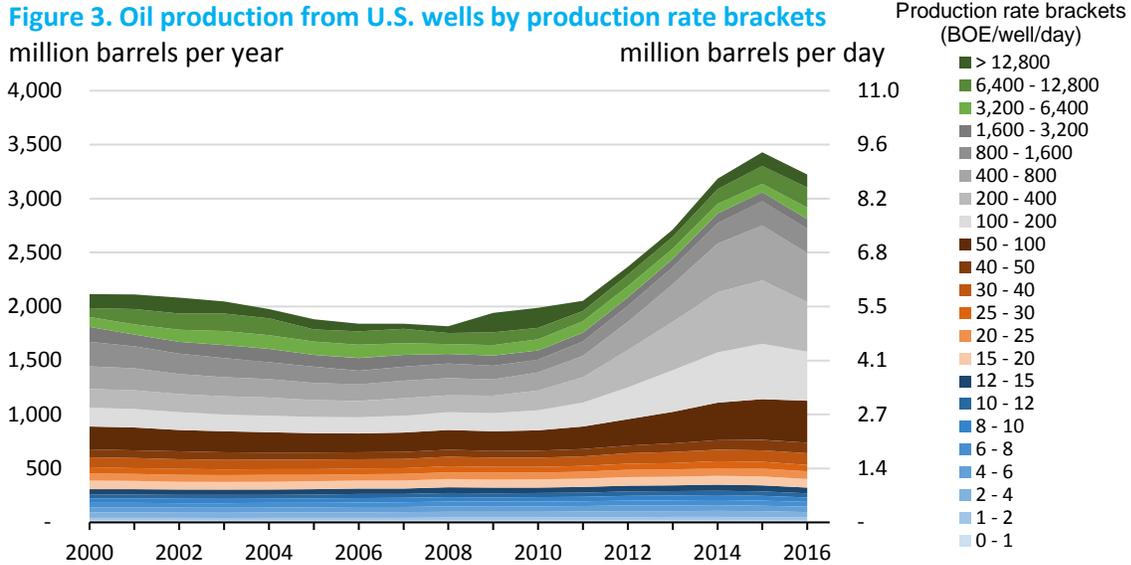


Source: U.S Energy Information Administration

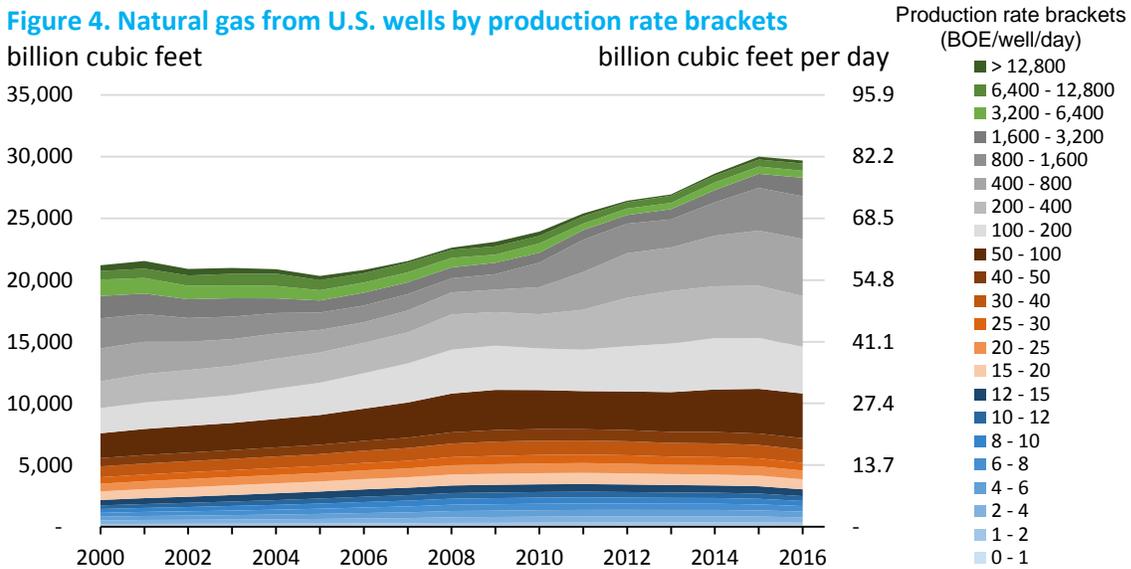
**Figure 2. U.S. total horizontal wells by production rate brackets**



Source: U.S Energy Information Administration



Source: U.S Energy Information Administration



Source: U.S Energy Information Administration

### Considerations when using the distribution tables (i.e., what is a well?)

**Consistency with other data sources.** The total volumes shown in the distribution tables may not exactly equal other related data, including other EIA sources. Major reasons for discrepancies include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production (sometimes state-level data are available sooner than well-level data), and the definition of a *well* and which *entity* is counted and summed.

This report and the tables include the following types of *wells*:

- Single wellhead
- Sidetrack
- Completion
- Recompletion
- Lease

Every producing *entity* in the Drillinginfo database is included. When the number of wells on a lease is available, the total lease production is equally distributed among the wells; although, in some cases, the commercial source has allocated individual well production in proportion to well test results.

Sometimes, only a lease and its total production are available, with no count of wells. This situation leads to undercounting wells in some areas.

**Production volume accounting.** We have tried to identify and remove recycled or reinjected natural gas from the gross gas volumes reported by states such as Alaska. We have also attempted to identify fields that have undergone or are undergoing natural gas injection. Production levels in these fields are reduced by an equal share of the field-level injected natural gas reported by the states. Injection wells are not included in the counts unless they were once producing wells; in which case, they are included for their years in production.

The pressure base used to record natural gas volumes varies by state. For consistency, we converted all natural gas volumes to the federal pressure base of 14.73 pounds per square inch absolute (psia). However, we did not make adjustments to account for differences in the temperature base. Because states vary in how they define a well type (oil or gas), we have used a gas-oil ratio of 6,000 cubic feet of natural gas to 1 barrel of oil to designate a well as a natural gas well. Wells with a smaller gas-oil ratio are designated as oil wells.

Finally, we did not include wells that produce exclusively within carbon dioxide (CO<sub>2</sub>) fields, storage wells, and dry holes.

## Methodology

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**How EIA analyzed and aggregated the data.** First, we use the number of days of production activity to convert volumes to a daily rate for the barrels of oil equivalent (BOE) rate classes in the tables. For this calculation, we did not use the reported *days on* production measure for a well because it is often not available in the database. Instead, we used calendar days for consistency. To determine the months in production for the calculation, we determined the monthly production data for the first month and year of production and the last month and year of production for each *well*. We counted days of production using the number of calendar days in each month for the first year and last year of production. For the middle years of production, we used full years of 365 (or 366) days for days of production.

Next, we summed the monthly liquid and natural gas volumes, along with the number of days of production, to determine annual totals for each well. We converted the annual natural gas volume to

BOE using the relationship of 1 barrel of oil to 6,000 cubic feet of natural gas. We classified the well as an oil well if its production of barrels of oil was greater than the natural gas production converted to BOE, and as a natural gas well if its BOE production was greater than the oil production. The natural gas BOE was then added to the liquid value for a total BOE for each year of the well's production. We divided this total BOE by the number of calendar days the well was in production status, often a partial year for the first and last years and a full year for middle years. Each year of a well's production appears in the appropriate BOE rate class in the tables.

Finally, we summed the well counts and production levels for each rate class to produce the yearly state tables for the report.

## Frequently Asked Questions

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### **What is the average production rate of a well, and how does this rate differ between oil wells and natural gas wells?**

In 2016, the average oil well produced 19 barrels per day (b/d), while the average natural gas well produced about 132,000 cubic feet per day. However, the distribution is generally skewed, with many wells producing smaller volumes per day and fewer wells producing very large volumes per day. In 2016, 80% of the more than 1 million U.S. wells produced 15 barrels of oil equivalent per day (BOE/day) or less, and 5% of the wells produced more than 100 BOE/day.

### **What are some of the key conclusions that can be drawn from your data?**

EIA published several *Today In Energy* articles in 2016 based on earlier versions of the data, including:

- [Oil wells drilled horizontally are among the highest-producing wells](#) on November 4, 2016
- [Stripper wells accounted for 11% of U.S. natural gas production in 2015](#) on July 28, 2016
- [Stripper wells accounted for 10% of U.S. oil production in 2015](#) on June 29, 2016

### **What is the source of EIA's data, and how do you collect it?**

The data are primarily from [Drillinginfo](#), supplemented by [IHS Markit](#). EIA receives a monthly download from Drillinginfo containing the most recent production information. These data are augmented with data on well completions from a monthly download from IHS Markit. These commercial data sources collect their data from the various state agencies involved in regulating oil and natural gas production.

**How often is well production data for the Lower 48 states collected?**

Some states make data available within a few months after a new well begins production, while other states may take more than 18 months to release that data. The average lag between a new well's first production and reported production in the database is six to eight months.

In addition, historical data are subject to revision, as some states continue collecting and digitizing older well datasets for inclusion in their databases. Also, states may revise data if they identify inaccuracies.

**How often will EIA update this report?**

Subject to resource constraints, we plan to update this report in August or September each year as complete or nearly complete data for the prior year are available for most states.

**How does counting only wellheads compare to the counts in this report, which also include sidetracks, completions, and recompletions?**

EIA estimates of U.S. wellhead counts (e.g., the EIA Natural Gas Annual [number of producing natural gas wells](#)) average 3%–4% lower than the counts in this report. For Colorado and New Mexico, wellhead counts are 12%–15% lower than the counts in this report.

**Does a natural gas well remain a natural gas well over its entire production history?**

In this report, we sometimes classify a well as a natural gas well in one year and an as oil well in another year, and vice versa, depending on a well's gas- -oil ratio. We used this approach because the respective volumes of liquid and natural gas produced by a well can change significantly over its production history.

**How is associated natural gas versus non-associated gas handled?**

We did not use that distinction explicitly in this report. The associated/non-associated distinction depends on whether the well is classified as an oil well or a natural gas well. If the well is classified as a natural gas well, then the natural gas is called non-associated gas, and the liquid is called condensate. If the well is classified as an oil well, then the natural gas is called associated gas, and the liquid is called oil.

### **How are lags in data reporting accounted?**

We included notes in the tables to indicate states that are missing current data because of a lag in reporting on an annual basis. For missing years, we repeat a state's latest data. We don't attempt to estimate data that may be missing within a reported year. See Appendix A for a summary table of missing or incomplete state data.

### **How long after a well starts producing is it classified into a production-rate bracket?**

We include a well in our analysis as soon as data for the first month of production are available in the database.

### **Do all wells produce both oil and natural gas?**

Most wells produce both oil and natural gas, but some wells produce only one or the other.

### **Does the specific reservoir, formation, or play determine the amount of oil and natural gas produced?**

Yes. Different zones within the same reservoir (depending on the hydrocarbon content, depth, and burial history) will produce only liquids, a mix of liquids and natural gas, or only natural gas.

### **Why do some states have productive drilling sites, while others do not?**

The best producing areas are often large basins with thick layers of sedimentary rock that accumulated over long periods of time, which also contain oil and natural gas. States such as North Dakota, Texas, and Pennsylvania have productive drilling sites because they cover large areas of these basins. Subsurface geology and paleogeography are the most important factors in determining whether a state might be an oil and natural gas producer.

### **Has the productivity of wells changed since horizontal drilling and hydraulic fracturing technology have advanced?**

Horizontal drilling and hydraulic fracturing have greatly increased both oil and natural gas production rates and also decline rates of onshore wells in the United States.

**What is a *stripper* well?**

A *stripper* well, also called a *marginal* well, is an oil or natural gas well that is nearing the end of its economically useful life. However, these wells can continue to produce small volumes for long periods of time. There are many of these wells, and together they produced approximately 10% of total U.S. oil and natural gas in 2016. There are several production levels used to define a stripper well. The Interstate Oil and Gas Compact Commission uses 10 b/d or less of oil or 60,000 cubic feet or less of natural gas per day over a 12-month period. The Internal Revenue Service (IRS)—for tax purposes—uses 15 b/d or less of oil or 90,000 cubic feet or less of natural gas per day over a calendar year. EIA uses the IRS definition.

**What happens to a well after it stops producing oil or natural gas?**

A nonproducing well is usually plugged and abandoned. However, if significant amounts of hydrocarbons are suspected to remain in the reservoir, the well may undergo secondary or tertiary recovery.

**What is the difference between wet gas and dry gas?**

See the EIA Glossary for definitions for [wet natural gas](#) and [dry natural gas](#).

**Are any wells still drilled using only conventional drilling practices?**

Yes. Many vertical wells are still drilled and completed without hydraulic fracturing; however, these wells and older completion techniques are becoming less common. Based on the larger number of wells and footage drilled, horizontal drilling combined with hydraulic fracturing have become standard practice for oil and natural gas production in the United States.

## Suggestions for Querying the Appendix C Excel Data File

Data are provided in a flat-file format for all states for each year from 2000 to 2016 and by well-size class. The *Filter* tool in Excel provides one of the fastest methods for viewing a subset of the data (Figure 5). For example, the filters in Figure 6 are set to select only AK (Alaska) and the year 2016. In Figure 7, the filters are set to select AK totals for all years and to sort chronologically.

Figure 5.

				Oil wells										Gas wells										Total wells			
State	Year	Production rate bracket (BOE/day)	Class #	# of oil wells	% of oil wells	Oil wells: Annual oil production (MMt)	Oil wells: % of oil production	Oil wells: Oil rate per well (bb/D)	Oil wells: Annual gas prod. (E)	Oil wells: Gas rate per well (Mcf/d)	# of gas wells	% of gas wells	Gas wells: Annual gas prod. (E)	Gas wells: % of gas prod.	Gas wells: Gas rate per well (Mcf/D)	Gas wells: Annual oil prod. (MMt)	Gas wells: Oil rate per well (bb/D)	Total number of wells	Total Annual oil prod. (MMt)	Total Annual gas prod. (E)	Total wells: Horizontal well co						
AK	2016	A_ 0 - 1	1	3	0.21	0	0	0.23	0	0	19	1.85	0.014	0	2.813	0	0	22	0	0.014	0						
AK	2016	B_ 1 - 2	2	4	0.28	0.001	0	1.277	0.002	1.655	6	0.58	0.014	0	8.888	0	0	10	0.002	0.016	0						
AK	2016	C_ 2 - 4	3	6	0.43	0.003	0	2.558	0.002	1.819	6	0.58	0.026	0	17.544	0	0	12	0.004	0.029	0						
AK	2016	D_ 4 - 6	4	6	0.43	0.008	0.01	4.362	0.009	4.934	9	0.88	0.079	0	28.408	0.001	0.241	15	0.009	0.088	1						
AK	2016	E_ 6 - 8	5	5	0.36	0.011	0.01	6.038	0.012	6.562	4	0.39	0.049	0	36.754	0.001	1.067	9	0.012	0.061	0						
AK	2016	F_ 8 - 10	6	9	0.64	0.021	0.02	7.105	0.025	8.408	1	0.11	0.018	0	49.546	0	0	10	0.021	0.043	0						
AK	2016	G_ Subtotal <=10	6.5	33	2.35	0.045	0.04	4.573	0.05	5.108	45	4.38	0.2	0.01	16.172	0.003	0.21	78	0.048	0.251	1						
AK	2016	H_ 10 - 12	7	9	0.64	0.027	0.02	9.207	0.032	11.088	1	0.1	0.003	0	55.567	0	0	10	0.027	0.036	0						
AK	2016	I_ 12 - 15	8	13	0.92	0.043	0.04	10.959	0.054	13.571	13	1.27	0.246	0.01	71.967	0.006	1.645	26	0.049	0.3	0						
AK	2016	J_ Subtotal <=15	8.5	55	3.91	0.116	0.11	6.891	0.137	8.151	59	5.74	0.449	0.01	28.344	0.008	0.524	114	0.124	0.586	1						
AK	2016	K_ 15 - 20	9	26	1.85	0.125	0.11	14.117	0.173	19.44	9	0.88	0.271	0.01	88.049	0.008	2.604	35	0.133	0.444	0						
AK	2016	L_ 20 - 25	10	17	1.21	0.112	0.1	18.896	0.134	22.598	6	0.58	0.213	0.01	126.806	0.003	1.586	23	0.114	0.346	0						
AK	2016	M_ 25 - 30	11	22	1.56	0.152	0.14	22.721	0.206	30.779	6	0.58	0.194	0.01	154.896	0.002	1.635	28	0.154	0.4	0						
AK	2016	N_ 30 - 40	12	31	2.2	0.308	0.28	29.153	0.317	29.919	18	1.75	1.162	0.04	200.478	0.014	2.464	49	0.323	1.478	0						
AK	2016	O_ 40 - 50	13	46	3.27	0.55	0.49	37.893	0.592	40.765	10	0.97	0.845	0.03	252.065	0.007	2.018	56	0.557	1.437	0						
AK	2016	P_ 50 - 100	14	217	15.43	4.653	4.18	64.299	5.383	74.378	53	5.16	6.923	0.23	404.671	0.116	6.77	270	4.769	12.306	4						
AK	2016	Q_ Subtotal <=100	14.5	414	29.45	6.016	5.41	44.33	6.94	51.134	161	15.68	10.057	0.33	209.033	0.158	3.282	575	6.174	16.997	5						
AK	2016	R_ 100 - 200	15	360	25.6	14.885	13.38	119.129	20.174	161.461	98	9.54	22.936	0.75	748.639	0.817	26.663	458	15.702	43.11	1						
AK	2016	S_ 200 - 400	16	348	24.75	27.347	24.58	225.135	43.588	358.846	135	13.15	59.111	1.93	1355.718	2.832	64.953	483	30.179	102.699	2						
AK	2016	T_ 400 - 800	17	188	13.37	28.132	25.28	429.207	46.876	715.189	101	9.83	93.083	3.04	2701.256	4.206	122.067	289	32.338	139.958	5						
AK	2016	U_ 800 - 1,600	18	72	5.12	20.066	18.03	828.446	33.055	1364.72	139	13.53	272.457	8.9	5921.298	9.097	197.697	211	29.162	305.512	1						
AK	2016	V_ 1,600 - 3,200	19	23	1.64	11.396	10.24	1752.215	18.141	2789.272	197	19.18	761.267	24.88	12195.489	18.872	302.334	220	30.269	779.408	0						

Figure 6.

State	Year	Production rate bracket (BOE/day)	Class #	# of oil wells	% of oil wells	Oil wells: Annual oil production (MMt)	Oil wells: % of oil production
AK	2016	A_ 0 - 1	1	3	0.21	0	0
AK	2016	B_ 1 - 2	2	4	0.28	0.001	0
AK	2016	C_ 2 - 4	3	6	0.43	0.003	0
AK	2016	D_ 4 - 6	4	6	0.43	0.008	0.01
AK	2016	E_ 6 - 8	5	5	0.36	0.011	0.01
AK	2016	F_ 8 - 10	6	9	0.64	0.021	0.02
AK	2016	G_ Subtotal <=10	6.5	33	2.35	0.045	0.04
AK	2016	H_ 10 - 12	7	9	0.64	0.027	0.02

Figure 7.

	A	B	C	D	E	F
1					Oil wells	
2	Stat	Year	Production rate bracket (BOE/day)	Class # for	# of oil w	Oil wells: % of oil w
28	AK	2000	Z_ Total		23	2033
54	AK	2001	Z_ Total		23	2116
80	AK	2002	Z_ Total		23	2136
106	AK	2003	Z_ Total		23	2128
132	AK	2004	Z_ Total		23	2107
158	AK	2005	Z_ Total		23	2110
184	AK	2006	Z_ Total		23	2056
210	AK	2007	Z_ Total		23	2025
236	AK	2008	Z_ Total		23	2067
262	AK	2009	Z_ Total		23	2082

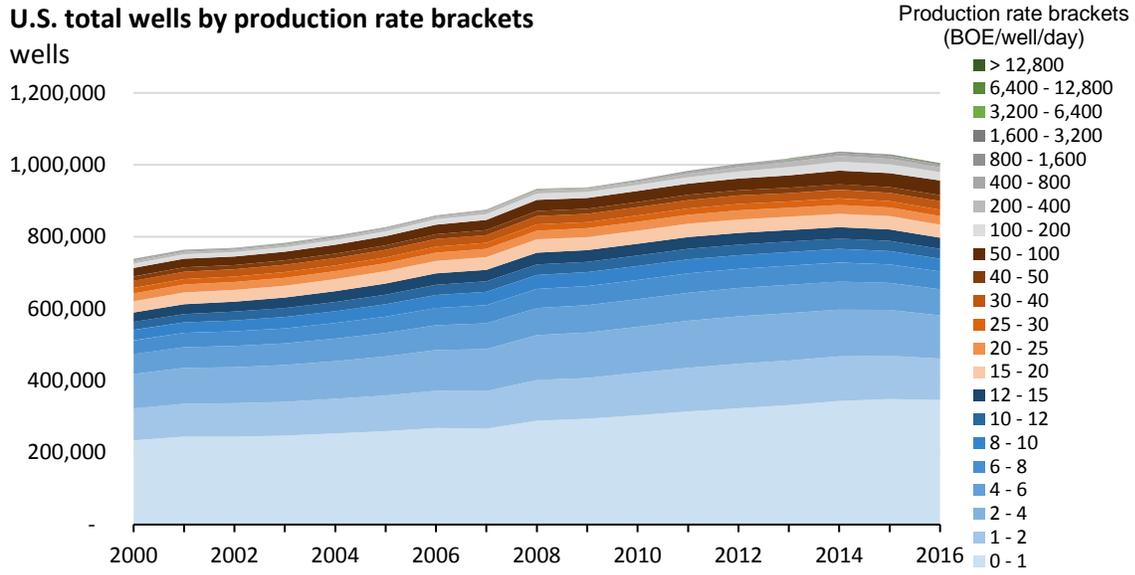
A pivot table is also set up to help organize the data to make charts. In Figure 8, the United States is selected in cell B1, and the subtotal rows have been deselected in cell A4. Figure 9 shows a chart of the data in Figure 8.

Figure 8.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
1	State	US																	
2																			
3	Sum of Total number of wells	Column Labels																	
4	Row Labels		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
5	A_ 0 - 1		232487	240765	241073	245430	250347	255935	263227	262070	283939	288472	298244	307899	318296	324052	336385	340621	326790
6	B_ 1 - 2		88211	91812	93555	93794	95931	98568	102987	104289	113674	113697	117134	120456	122678	123698	123013	120372	111984
7	C_ 2 - 4		96770	100757	101686	103782	105673	109513	114847	117618	125992	127297	128693	132252	133002	133362	130358	127563	120432
8	D_ 4 - 6		56305	58185	59497	60740	63097	65914	69529	72340	76474	76710	78125	79406	80101	79492	79264	76820	73357
9	E_ 6 - 8		38519	39967	40827	42664	43889	45612	48798	51008	53709	54236	54596	54638	54247	53793	53235	52257	49716
10	F_ 8 - 10		29499	29849	30879	32345	33206	35138	36668	38310	39103	39287	39414	39773	39057	38921	38880	37751	36252
11	H_ 10 - 12		22757	23483	24491	25208	26046	27556	28472	29203	30095	29499	29770	29525	30014	29762	29372	28932	27888
12	I_ 12 - 15		26836	28339	28224	29233	30483	31232	32320	32481	33211	33339	33315	33262	33268	33317	32781	33030	32176
13	K_ 15 - 20		32395	33043	33445	34032	34359	35095	35665	35990	37370	37050	37106	37583	37992	37807	38164	37635	37004
14	L_ 20 - 25		22000	22213	22402	22492	22616	22810	23379	23516	24540	24482	24740	25339	25460	25150	25859	25285	25122
15	M_ 25 - 30		15582	15476	15540	15577	15827	16059	16511	16580	17473	17400	17769	17859	18171	17901	18307	17968	18224
16	N_ 30 - 40		20141	20400	20083	20397	20717	20965	21459	22070	23207	23310	23326	23582	24010	24040	24344	24085	24972
17	O_ 40 - 50		12225	12457	12276	12461	12725	12804	13149	13733	14705	14402	14825	14718	14901	15105	16017	16052	16954
18	P_ 50 - 100		23885	24705	24445	24962	25435	25995	27375	29191	31428	30701	30872	31289	32638	34784	38265	40038	42413
19	R_ 100 - 200		11606	11980	11650	12193	13009	13802	14945	16344	18027	16745	16863	17685	19985	22700	24977	24867	23854
20	S_ 200 - 400		6027	6250	6159	6385	6552	6675	6788	7278	8057	7286	8094	9827	12386	14262	15298	14510	12851
21	T_ 400 - 800		3729	3646	3197	3076	2976	2747	2569	2830	2931	2841	3633	4940	5887	6580	8158	7956	7342
22	U_ 800 - 1,600		1873	1695	1476	1428	1285	1104	1022	1062	1010	1058	1594	2015	1907	1959	2438	2854	2782
23	V_ 1,600 - 3,200		677	589	544	542	466	390	409	382	351	380	374	365	330	403	505	503	896
24	W_ 3,200 - 6,400		234	237	217	209	206	181	184	171	147	134	146	125	125	122	135	132	307
25	X_ 6,400 - 12,800		72	90	105	110	111	82	86	98	75	84	66	61	70	80	91	125	125
26	Y_ >12,800		34	44	40	33	26	27	19	12	18	39	42	22	18	15	23	29	25
27	Z_ Total		741864	765982	771811	787093	804982	828204	860408	876576	935536	938449	958741	982621	1004534	1017295	1035858	1029351	991482

Figure 9.

**U.S. total wells by production rate brackets**  
wells



## Appendix A

Reporting status by state and year .....	A1
Availability of completion, well, and lease data by state .....	A2

## Appendix B

Oil and natural gas well summary statistics:

United States oil and natural gas well summary statistics for years 2000-2016 .....	B1
Most recent year of available data for each state and federal offshore regions .....	B18

## Appendix C

Separate Excel flat file with all data

Table A1: Reporting status by state and year

State	2000 - 2012	2013	2014	2015	2016
AK	Complete	Complete	Complete	Complete	Complete
AL	Complete	Complete	Complete	Complete	Complete
AR	Complete	Complete	Complete	Complete	Complete
AZ	Complete	Complete	Complete	Complete	Complete
CA	Complete	Complete	Complete	Complete	Complete
CO	Complete	Complete	Complete	Complete	Complete
FL	Complete	Complete	Complete	Complete	Complete
Federal Gulf	Complete	Complete	Complete	Complete	Complete
Federal Pacific	Complete	Complete	Complete	Complete	Complete
IL	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
IN	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
KS	Complete	Complete	Complete	Complete	Complete
KY	Complete	Complete	<b>Incomplete</b>	<b>Not Reported</b>	<b>Not Reported</b>
LA	Complete	Complete	Complete	Complete	Complete
MD	Complete	Complete	Complete	Complete	Complete
MI	Complete	Complete	Complete	Complete	Complete
MO	Complete	Complete	Complete	<b>Not Reported</b>	<b>Not Reported</b>
MS	Complete	Complete	Complete	Complete	Complete
MT	Complete	Complete	Complete	Complete	Complete
ND	Complete	Complete	Complete	Complete	Complete
NE	Complete	Complete	Complete	Complete	Complete
NM	Complete	Complete	Complete	Complete	Complete
NV	Complete	Complete	Complete	Complete	Complete
NY	Complete	Complete	Complete	Complete	Complete
OH	Complete	Complete	Complete	Complete	Complete
OK	Complete	Complete	Complete	Complete	Complete
OR	Complete	Complete	Complete	Complete	Complete
PA	Complete	Complete	Complete	Complete	Complete
SD	Complete	Complete	Complete	Complete	Complete
TN	Complete	<b>Not Reported</b>	<b>Not Reported</b>	<b>Not Reported</b>	<b>Not Reported</b>
TX	Complete	Complete	Complete	Complete	Complete
UT	Complete	Complete	Complete	Complete	Complete
VA	Complete	Complete	Complete	Complete	Complete
WV	Complete	Complete	Complete	Complete	Complete
WY	Complete	Complete	Complete	Complete	Complete

Source: State administrative oil & natural gas data thru Drillinginfo. Data available as of November 2017.

Complete = Data is essentially final although small volume changes may occur as states continue processing or correct inaccuracies.

Incomplete = Some well or entity level data is available, but does not appear complete because of size of monthly changes in the Drillinginfo database.

Not Reported = State has not released any well or entity level data for the year.

NA = Not Available. State does not release well or entity level data.

Notes: For late reporting states; the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.

**Table A2: Availability of Completion, Well and Lease data by state**

State	Completion	Well	Lease	Wells allocated from leases by Drillinginfo
AK	Available	NA	NA	NA
AL	Available	NA	NA	NA
AR	NA	Available	NA	NA
AZ	Available	NA	NA	NA
CA	Available	NA	NA	NA
CO	NA	Available	NA	Available
FL	NA	Available	NA	NA
Federal Gulf	Available	NA	NA	NA
Federal Pacific	NA	NA	NA	NA
IL	NA	NA	NA	NA
IN	NA	NA	NA	NA
KS	NA	NA	Available	NA
KY	Available	NA	NA	NA
LA	NA	Available	Available	Available
MD	Available	NA	NA	NA
MI	NA	NA	Available	NA
MO	Available	NA	NA	NA
MS	Available	NA	NA	NA
MT	Available	NA	NA	NA
ND	Available	NA	NA	NA
NE	Available	NA	Available	NA
NM	Available	NA	NA	NA
NV	NA	Available	NA	NA
NY	NA	Available	NA	NA
OH	NA	Available	NA	NA
OK	NA	Available	Available	Available
OR	Available	NA	NA	NA
PA	NA	Available	NA	NA
SD	Available	NA	NA	NA
TN	Available	NA	NA	NA
TX	Available	Available	Available	Available
UT	NA	Available	NA	NA
VA	Available	NA	NA	NA
WV	NA	Available	NA	NA
WY	Available	NA	NA	NA

Source: State administrative oil & natural gas data thru Drillinginfo. Data available as of November 2017.

Notes:

A producing 'entity' in the database is either a completion, well, lease or wells allocated from a lease.

A completion often represents a single well, but there can also be more than one completion per well, or a recompletion within the same or a different reservoir.

Wells on a lease can be allocated a share of production and listed as separate wells (e.g., Drillinginfo has allocated wells on some leases in Texas). Sometimes well test data can be used to indicate which wells are producing the most or the least. When this doesn't work; equal production is allocated to each well.

NA = Not Available.

## Appendix B content:

Abbreviation	State	Tables
US	United States	1-17
AL	Alabama	18
AK	Alaska	19
AZ	Arizona	20
AR	Arkansas	21
CA	California	22
CO	Colorado	23
FG	Federal Gulf of Mexico	24
FP	Federal Pacific	25
FL	Florida	26
KS	Kansas	27
KY	Kentucky	28
LA	Louisiana	29
MD	Maryland	30
MI	Michigan	31
MS	Mississippi	32
MO	Missouri	33
MT	Montana	34
NE	Nebraska	35
NV	Nevada	36
NM	New Mexico	37
NY	New York	38
ND	North Dakota	39
OH	Ohio	40
OK	Oklahoma	41
OR	Oregon	42
PA	Pennsylvania	43
SD	South Dakota	44
TN	Tennessee	45
TX	Texas	46
UT	Utah	47
VA	Virginia	48
WV	West Virginia	49
WY	Wyoming	50

## Notes:

1) See Appendix A for last year of available data.

Table B1. United States oil and gas well summary statistics, 2000

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	150,836	39.7	17.3	0.9	0.3	5.1	0.1	83,401	23.3	72.1	0.4	2.4	0.8	0.0	234,237	18.0	77.2	562
1 - 2	46,024	12.1	22.5	1.2	1.4	8.9	0.5	42,686	11.9	126.0	0.7	8.2	1.4	0.1	88,710	23.9	134.9	367
2 - 4	48,013	12.6	46.3	2.5	2.7	20.8	1.2	47,716	13.3	276.1	1.4	16.2	3.4	0.2	95,729	49.6	296.9	559
4 - 6	26,666	7.0	42.9	2.3	4.5	23.3	2.4	28,831	8.1	282.2	1.5	27.5	3.7	0.4	55,497	46.6	305.4	544
6 - 8	17,297	4.6	39.0	2.1	6.3	24.2	3.9	20,697	5.8	284.2	1.5	38.7	3.7	0.5	37,994	42.7	308.4	431
8 - 10	12,904	3.4	37.0	2.0	8.0	25.1	5.4	16,247	4.5	289.6	1.5	50.2	3.3	0.6	29,151	40.4	314.7	388
<b>Subtotal &lt;=10</b>	<b>301,740</b>	<b>79.4</b>	<b>205.0</b>	<b>10.9</b>	<b>1.9</b>	<b>107.4</b>	<b>1.0</b>	<b>239,578</b>	<b>66.9</b>	<b>1,330.2</b>	<b>6.9</b>	<b>15.5</b>	<b>16.2</b>	<b>0.2</b>	<b>541,318</b>	<b>221.1</b>	<b>1,437.5</b>	<b>2,851</b>
10 - 12	9,979	2.6	35.2	1.9	9.9	22.6	6.3	12,392	3.5	271.3	1.4	61.9	2.9	0.7	22,371	38.1	293.9	390
12 - 15	10,601	2.8	45.8	2.4	12.2	28.3	7.5	15,202	4.3	408.7	2.1	76.2	4.0	0.8	25,803	49.8	437.0	482
<b>Subtotal &lt;=15</b>	<b>322,320</b>	<b>84.8</b>	<b>285.9</b>	<b>15.2</b>	<b>2.5</b>	<b>158.2</b>	<b>1.4</b>	<b>267,172</b>	<b>74.6</b>	<b>2,010.2</b>	<b>10.4</b>	<b>21.1</b>	<b>23.1</b>	<b>0.2</b>	<b>589,492</b>	<b>309.0</b>	<b>2,168.4</b>	<b>3,723</b>
15 - 20	12,866	3.4	71.3	3.8	15.7	43.9	9.7	18,672	5.2	652.3	3.4	98.9	5.6	0.8	31,538	76.9	696.2	669
20 - 25	8,608	2.3	61.6	3.3	20.3	37.3	12.3	12,986	3.6	582.8	3.0	127.7	4.9	1.1	21,594	66.5	620.1	567
25 - 30	6,098	1.6	53.2	2.8	24.9	31.3	14.7	9,143	2.6	498.8	2.6	156.3	4.2	1.3	15,241	57.4	530.2	459
30 - 40	7,833	2.1	85.9	4.6	31.4	51.6	18.9	12,032	3.4	825.5	4.3	197.4	6.8	1.6	19,865	92.6	877.1	657
40 - 50	4,824	1.3	67.4	3.6	40.3	42.8	25.6	7,220	2.0	628.7	3.2	255.7	5.1	2.1	12,044	72.5	671.5	483
50 - 100	9,435	2.5	195.0	10.4	61.0	141.8	44.3	14,370	4.0	1,870.6	9.6	392.2	18.2	3.8	23,805	213.2	2,012.3	1,055
<b>Subtotal &lt;=100</b>	<b>371,984</b>	<b>97.9</b>	<b>820.4</b>	<b>43.7</b>	<b>6.2</b>	<b>506.9</b>	<b>3.8</b>	<b>341,595</b>	<b>95.4</b>	<b>7,068.7</b>	<b>36.4</b>	<b>58.4</b>	<b>67.8</b>	<b>0.6</b>	<b>713,579</b>	<b>888.2</b>	<b>7,575.7</b>	<b>7,613</b>
100 - 200	3,947	1.0	156.7	8.3	119.4	137.9	105.0	7,696	2.2	1,906.3	9.8	787.1	18.9	7.8	11,643	175.6	2,044.2	479
200 - 400	1,908	0.5	151.2	8.1	239.1	142.7	225.6	4,183	1.2	2,022.9	10.4	1,579.2	20.2	15.8	6,091	171.4	2,165.6	220
400 - 800	1,142	0.3	183.2	9.8	484.5	184.3	487.6	2,624	0.7	2,485.1	12.8	3,135.6	27.6	34.8	3,766	210.7	2,669.4	113
800 - 1,600	636	0.2	196.2	10.4	929.0	233.9	1,107.7	1,261	0.4	2,202.0	11.3	6,092.2	30.8	85.3	1,897	227.0	2,435.9	54
1,600 - 3,200	205	0.1	112.2	6.0	1,750.9	143.0	2,230.6	478	0.1	1,676.0	8.6	12,000.6	26.1	186.8	683	138.3	1,819.0	10
3,200 - 6,400	64	0.0	71.4	3.8	3,879.0	87.3	4,745.2	170	0.1	1,237.5	6.4	24,142.6	19.6	383.1	234	91.0	1,324.8	12
6,400 - 12,800	33	0.0	75.7	4.0	7,632.5	117.4	11,831.4	40	0.0	578.2	3.0	43,969.9	8.7	659.8	73	84.4	695.5	0
> 12,800	21	0.0	112.3	6.0	15,091.5	228.6	30,708.3	13	0.0	240.0	1.2	66,635.8	16.1	4,482.0	34	128.5	468.6	0
<b>Total</b>	<b>379,940</b>	<b>100.0</b>	<b>1,879.2</b>	<b>100.0</b>	<b>13.9</b>	<b>1,781.9</b>	<b>13.2</b>	<b>358,060</b>	<b>100.0</b>	<b>19,416.6</b>	<b>100.0</b>	<b>153.9</b>	<b>235.9</b>	<b>1.9</b>	<b>738,000</b>	<b>2,115.1</b>	<b>21,198.6</b>	<b>8,501</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B2. United States oil and gas well summary statistics, 2001

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	151,007	39.9	17.0	0.9	0.3	5.6	0.1	93,331	24.2	80.4	0.4	2.4	0.8	0.0	244,338	17.8	86.0	589	
1 - 2	45,449	12.0	22.1	1.2	1.4	8.9	0.5	46,267	12.0	136.2	0.7	8.2	1.4	0.1	91,716	23.6	145.1	406	
2 - 4	48,172	12.7	46.3	2.5	2.7	20.9	1.2	51,612	13.4	298.1	1.5	16.3	3.4	0.2	99,784	49.7	318.9	618	
4 - 6	26,723	7.1	43.1	2.3	4.5	22.9	2.4	30,604	7.9	298.4	1.5	27.6	3.6	0.3	57,327	46.7	321.3	547	
6 - 8	17,620	4.7	39.4	2.1	6.3	26.3	4.2	22,082	5.7	303.5	1.5	39.0	3.6	0.5	39,702	43.0	329.9	439	
8 - 10	12,867	3.4	37.0	2.0	8.1	24.4	5.3	16,724	4.3	298.2	1.5	50.5	3.2	0.5	29,591	40.2	322.6	453	
<b>Subtotal &lt;=10</b>	<b>301,838</b>	<b>79.7</b>	<b>205.0</b>	<b>11.0</b>	<b>1.9</b>	<b>109.0</b>	<b>1.0</b>	<b>260,620</b>	<b>67.6</b>	<b>1,414.8</b>	<b>7.2</b>	<b>15.3</b>	<b>16.0</b>	<b>0.2</b>	<b>562,458</b>	<b>221.0</b>	<b>1,523.8</b>	<b>3,052</b>	
10 - 12	9,516	2.5	33.4	1.8	9.8	22.4	6.6	13,296	3.5	290.4	1.5	62.0	3.0	0.6	22,812	36.3	312.8	375	
12 - 15	10,722	2.8	46.4	2.5	12.2	28.9	7.6	16,918	4.4	453.1	2.3	76.1	4.4	0.7	27,640	50.8	482.0	505	
<b>Subtotal &lt;=15</b>	<b>322,076</b>	<b>85.1</b>	<b>284.8</b>	<b>15.3</b>	<b>2.5</b>	<b>160.3</b>	<b>1.4</b>	<b>290,834</b>	<b>75.5</b>	<b>2,158.3</b>	<b>10.9</b>	<b>20.9</b>	<b>23.3</b>	<b>0.2</b>	<b>612,910</b>	<b>308.1</b>	<b>2,318.6</b>	<b>3,932</b>	
15 - 20	12,579	3.3	69.7	3.8	15.7	43.9	9.9	19,785	5.1	687.1	3.5	99.0	5.7	0.8	32,364	75.4	731.0	723	
20 - 25	8,361	2.2	59.5	3.2	20.3	37.3	12.7	13,575	3.5	608.7	3.1	128.0	4.8	1.0	21,936	64.3	646.0	546	
25 - 30	5,938	1.6	51.3	2.8	24.7	32.5	15.7	9,275	2.4	503.3	2.6	156.1	4.2	1.3	15,213	55.5	535.9	449	
30 - 40	7,884	2.1	85.6	4.6	31.3	53.3	19.5	12,343	3.2	838.2	4.2	197.2	6.9	1.6	20,227	92.5	891.5	703	
40 - 50	4,758	1.3	66.1	3.6	40.2	44.6	27.1	7,403	1.9	642.1	3.3	254.3	5.7	2.3	12,161	71.8	686.6	540	
50 - 100	9,408	2.5	193.4	10.4	60.8	146.4	46.0	15,164	3.9	1,968.7	10.0	394.4	18.8	3.8	24,572	212.2	2,115.1	1,121	
<b>Subtotal &lt;=100</b>	<b>371,004</b>	<b>98.0</b>	<b>810.3</b>	<b>43.5</b>	<b>6.1</b>	<b>518.3</b>	<b>3.9</b>	<b>368,379</b>	<b>95.6</b>	<b>7,406.5</b>	<b>37.5</b>	<b>57.0</b>	<b>69.5</b>	<b>0.5</b>	<b>739,383</b>	<b>879.8</b>	<b>7,924.8</b>	<b>8,014</b>	
100 - 200	3,826	1.0	151.6	8.1	120.0	134.3	106.2	8,221	2.1	2,019.9	10.2	790.4	19.4	7.6	12,047	171.0	2,154.1	547	
200 - 400	1,881	0.5	149.6	8.0	239.1	144.0	230.1	4,486	1.2	2,166.4	11.0	1,577.1	23.1	16.8	6,367	172.6	2,310.4	271	
400 - 800	1,096	0.3	178.0	9.6	484.2	181.3	493.1	2,581	0.7	2,430.6	12.3	3,115.5	26.8	34.3	3,677	204.8	2,611.9	122	
800 - 1,600	580	0.2	174.4	9.4	913.4	206.0	1,078.5	1,141	0.3	2,033.4	10.3	6,011.3	28.9	85.4	1,721	203.3	2,239.3	48	
1,600 - 3,200	146	0.0	83.4	4.5	1,788.6	89.6	1,921.4	444	0.1	1,575.7	8.0	12,079.1	24.7	189.1	590	108.1	1,665.3	14	
3,200 - 6,400	79	0.0	76.2	4.1	3,596.1	102.5	4,837.3	156	0.0	1,161.1	5.9	23,908.5	19.5	401.6	235	95.7	1,263.6	7	
6,400 - 12,800	51	0.0	128.2	6.9	7,743.6	187.9	11,347.2	40	0.0	566.8	2.9	44,333.2	11.7	914.5	91	139.9	754.8	0	
> 12,800	24	0.0	110.3	5.9	14,847.4	232.0	31,243.6	20	0.0	388.8	2.0	63,556.0	27.6	4,504.1	44	137.8	620.9	0	
<b>Total</b>	<b>378,687</b>	<b>100.0</b>	<b>1,862.0</b>	<b>100.0</b>	<b>13.9</b>	<b>1,795.8</b>	<b>13.4</b>	<b>385,468</b>	<b>100.0</b>	<b>19,749.3</b>	<b>100.0</b>	<b>146.2</b>	<b>251.0</b>	<b>1.9</b>	<b>764,155</b>	<b>2,113.1</b>	<b>21,545.1</b>	<b>9,023</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B3. United States oil and gas well summary statistics, 2002

Prod. rate bracket (BOE/day)	Oil wells								Gas wells								Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count		
0 - 1	148,952	39.9	16.9	0.9	0.3	5.5	0.1	95,881	24.2	82.1	0.4	2.4	0.8	0.0	244,833	17.7	87.6	603		
1 - 2	45,719	12.3	22.1	1.2	1.4	9.4	0.6	47,052	11.9	139.3	0.7	8.3	1.4	0.1	92,771	23.5	148.7	410		
2 - 4	47,706	12.8	45.7	2.5	2.7	20.9	1.2	52,466	13.2	305.3	1.6	16.3	3.3	0.2	100,172	49.1	326.2	658		
4 - 6	26,621	7.1	42.7	2.3	4.5	24.0	2.5	32,217	8.1	316.4	1.7	27.7	3.5	0.3	58,838	46.2	340.4	559		
6 - 8	17,283	4.6	38.8	2.1	6.3	25.1	4.1	23,240	5.9	322.0	1.7	39.1	3.5	0.4	40,523	42.4	347.2	493		
8 - 10	12,706	3.4	36.7	2.0	8.1	24.7	5.4	17,990	4.5	321.6	1.7	50.6	3.4	0.5	30,696	40.1	346.2	478		
<b>Subtotal &lt;=10</b>	<b>298,987</b>	<b>80.1</b>	<b>202.9</b>	<b>11.0</b>	<b>1.9</b>	<b>109.5</b>	<b>1.0</b>	<b>268,846</b>	<b>67.9</b>	<b>1,486.6</b>	<b>7.8</b>	<b>15.5</b>	<b>16.0</b>	<b>0.2</b>	<b>567,833</b>	<b>219.0</b>	<b>1,596.2</b>	<b>3,201</b>		
10 - 12	9,444	2.5	33.2	1.8	9.8	22.6	6.7	14,536	3.7	320.4	1.7	62.2	3.1	0.6	23,980	36.3	343.0	409		
12 - 15	10,475	2.8	45.0	2.4	12.1	29.3	7.9	17,146	4.3	464.1	2.4	76.4	4.2	0.7	27,621	49.3	493.4	533		
<b>Subtotal &lt;=15</b>	<b>318,906</b>	<b>85.5</b>	<b>281.1</b>	<b>15.2</b>	<b>2.5</b>	<b>161.4</b>	<b>1.4</b>	<b>300,528</b>	<b>75.9</b>	<b>2,271.1</b>	<b>11.9</b>	<b>21.3</b>	<b>23.4</b>	<b>0.2</b>	<b>619,434</b>	<b>304.5</b>	<b>2,432.5</b>	<b>4,143</b>		
15 - 20	11,968	3.2	66.5	3.6	15.7	42.3	10.0	20,683	5.2	722.8	3.8	98.9	5.9	0.8	32,651	72.4	765.1	714		
20 - 25	8,096	2.2	57.9	3.1	20.1	37.9	13.2	13,906	3.5	626.0	3.3	127.8	5.1	1.0	22,002	63.0	663.9	592		
25 - 30	5,842	1.6	50.9	2.8	24.8	32.4	15.8	9,606	2.4	527.1	2.8	156.6	4.2	1.3	15,448	55.1	559.6	489		
30 - 40	7,670	2.1	83.9	4.5	31.4	51.9	19.4	12,265	3.1	840.7	4.4	197.5	6.9	1.6	19,935	90.8	892.6	783		
40 - 50	4,759	1.3	65.7	3.6	40.1	45.2	27.6	7,409	1.9	650.2	3.4	254.5	5.5	2.2	12,168	71.2	695.4	518		
50 - 100	8,647	2.3	179.6	9.7	60.9	133.9	45.4	15,422	3.9	2,031.1	10.6	393.7	19.0	3.7	24,069	198.6	2,165.0	1,173		
<b>Subtotal &lt;=100</b>	<b>365,888</b>	<b>98.1</b>	<b>785.6</b>	<b>42.5</b>	<b>6.0</b>	<b>505.0</b>	<b>3.9</b>	<b>379,819</b>	<b>95.9</b>	<b>7,669.2</b>	<b>40.2</b>	<b>57.1</b>	<b>70.1</b>	<b>0.5</b>	<b>745,707</b>	<b>855.7</b>	<b>8,174.1</b>	<b>8,412</b>		
100 - 200	3,598	1.0	145.6	7.9	120.5	121.7	100.7	8,117	2.1	2,051.7	10.7	792.8	18.9	7.3	11,715	164.5	2,173.4	617		
200 - 400	1,825	0.5	147.8	8.0	242.9	131.6	216.3	4,486	1.1	2,229.1	11.7	1,578.8	21.1	15.0	6,311	168.9	2,360.7	256		
400 - 800	998	0.3	160.3	8.7	475.9	177.3	526.4	2,228	0.6	2,122.0	11.1	3,109.2	24.6	36.0	3,226	184.9	2,299.4	108		
800 - 1,600	543	0.2	162.5	8.8	899.2	199.3	1,102.9	955	0.2	1,716.4	9.0	5,991.3	27.2	94.9	1,498	189.7	1,915.7	42		
1,600 - 3,200	152	0.0	86.7	4.7	1,839.6	99.2	2,106.0	394	0.1	1,420.9	7.4	12,143.3	22.8	194.8	546	109.5	1,520.1	8		
3,200 - 6,400	80	0.0	95.3	5.2	3,779.0	116.5	4,620.1	136	0.0	973.8	5.1	23,518.5	17.7	426.8	216	113.0	1,090.3	4		
6,400 - 12,800	59	0.0	133.3	7.2	7,010.1	211.1	11,101.2	46	0.0	626.6	3.3	44,063.5	16.9	1,186.9	105	150.2	837.7	0		
> 12,800	29	0.0	132.8	7.2	13,767.1	241.5	25,026.1	11	0.0	288.4	1.5	74,589.5	12.0	3,114.7	40	144.9	529.8	0		
<b>Total</b>	<b>373,172</b>	<b>100.0</b>	<b>1,850.0</b>	<b>100.0</b>	<b>13.9</b>	<b>1,803.3</b>	<b>13.6</b>	<b>396,192</b>	<b>100.0</b>	<b>19,098.0</b>	<b>100.0</b>	<b>136.9</b>	<b>231.3</b>	<b>1.7</b>	<b>769,364</b>	<b>2,081.2</b>	<b>20,901.3</b>	<b>9,447</b>		

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B4. United States oil and gas well summary statistics, 2003

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	147,286	39.8	16.8	0.9	0.3	5.5	0.1	100,293	24.3	85.7	0.5	2.4	0.8	0.0	247,579	17.6	91.2	621	
1 - 2	45,364	12.3	22.1	1.2	1.4	9.0	0.6	48,373	11.7	143.5	0.8	8.3	1.4	0.1	93,737	23.5	152.5	433	
2 - 4	48,089	13.0	46.3	2.5	2.7	21.4	1.2	54,136	13.1	316.6	1.7	16.4	3.2	0.2	102,225	49.5	338.1	635	
4 - 6	25,968	7.0	41.7	2.3	4.5	23.8	2.6	33,887	8.2	335.6	1.8	27.8	3.6	0.3	59,855	45.3	359.4	618	
6 - 8	17,338	4.7	38.8	2.1	6.3	25.4	4.1	24,650	6.0	342.9	1.8	39.2	3.7	0.4	41,988	42.5	368.4	534	
8 - 10	12,558	3.4	36.1	2.0	8.1	24.1	5.4	19,523	4.7	351.4	1.8	50.8	3.6	0.5	32,081	39.6	375.5	522	
<b>Subtotal &lt;=10</b>	<b>296,603</b>	<b>80.2</b>	<b>201.8</b>	<b>11.0</b>	<b>1.9</b>	<b>109.3</b>	<b>1.0</b>	<b>280,862</b>	<b>68.0</b>	<b>1,575.7</b>	<b>8.2</b>	<b>15.7</b>	<b>16.3</b>	<b>0.2</b>	<b>577,465</b>	<b>218.1</b>	<b>1,685.0</b>	<b>3,363</b>	
10 - 12	9,470	2.6	33.3	1.8	9.9	22.1	6.6	15,335	3.7	337.1	1.8	62.2	3.3	0.6	24,805	36.6	359.2	463	
12 - 15	10,237	2.8	44.2	2.4	12.2	27.9	7.7	18,418	4.5	497.8	2.6	76.4	4.5	0.7	28,655	48.8	525.7	540	
<b>Subtotal &lt;=15</b>	<b>316,310</b>	<b>85.6</b>	<b>279.3</b>	<b>15.2</b>	<b>2.5</b>	<b>159.3</b>	<b>1.4</b>	<b>314,615</b>	<b>76.1</b>	<b>2,410.6</b>	<b>12.6</b>	<b>21.5</b>	<b>24.2</b>	<b>0.2</b>	<b>630,925</b>	<b>303.5</b>	<b>2,569.9</b>	<b>4,366</b>	
15 - 20	11,772	3.2	65.3	3.6	15.7	41.3	9.9	21,558	5.2	752.4	3.9	99.0	6.3	0.8	33,330	71.5	793.8	750	
20 - 25	8,125	2.2	57.7	3.2	20.2	37.2	13.0	14,002	3.4	627.2	3.3	127.6	5.2	1.1	22,127	62.9	664.3	689	
25 - 30	5,586	1.5	48.4	2.6	24.8	29.8	15.3	9,769	2.4	531.3	2.8	156.1	4.5	1.3	15,355	52.9	561.2	527	
30 - 40	7,621	2.1	82.2	4.5	31.3	51.7	19.7	12,630	3.1	858.5	4.5	197.2	7.1	1.6	20,251	89.3	910.2	807	
40 - 50	4,622	1.3	62.8	3.4	40.1	43.1	27.5	7,716	1.9	668.8	3.5	255.0	5.6	2.1	12,338	68.5	711.8	556	
50 - 100	8,594	2.3	177.2	9.7	61.1	129.0	44.5	15,990	3.9	2,074.6	10.8	393.7	19.3	3.7	24,584	196.5	2,203.6	1,348	
<b>Subtotal &lt;=100</b>	<b>362,630</b>	<b>98.1</b>	<b>773.0</b>	<b>42.2</b>	<b>6.0</b>	<b>491.5</b>	<b>3.8</b>	<b>396,280</b>	<b>95.9</b>	<b>7,923.3</b>	<b>41.3</b>	<b>56.5</b>	<b>72.1</b>	<b>0.5</b>	<b>758,910</b>	<b>845.1</b>	<b>8,414.8</b>	<b>9,043</b>	
100 - 200	3,437	0.9	137.6	7.5	120.7	113.2	99.3	8,680	2.1	2,143.6	11.2	796.7	18.2	6.8	12,117	155.9	2,256.8	629	
200 - 400	1,834	0.5	148.2	8.1	242.2	133.8	218.7	4,693	1.1	2,248.2	11.7	1,577.1	20.4	14.3	6,527	168.6	2,381.9	327	
400 - 800	948	0.3	149.1	8.1	467.8	173.5	544.4	2,179	0.5	1,983.8	10.3	3,034.8	26.3	40.2	3,127	175.3	2,157.3	138	
800 - 1,600	512	0.1	152.8	8.3	894.2	195.2	1,142.2	945	0.2	1,631.1	8.5	5,955.3	25.9	94.7	1,457	178.8	1,826.3	41	
1,600 - 3,200	168	0.1	97.0	5.3	1,779.4	127.2	2,333.6	377	0.1	1,362.7	7.1	12,088.8	22.1	196.3	545	119.1	1,489.9	9	
3,200 - 6,400	97	0.0	115.9	6.3	3,772.1	141.4	4,602.6	114	0.0	894.7	4.7	24,789.6	13.3	368.2	211	129.2	1,036.2	6	
6,400 - 12,800	65	0.0	152.4	8.3	7,022.9	252.7	11,644.5	45	0.0	690.6	3.6	46,136.2	9.9	660.0	110	162.3	943.3	0	
> 12,800	23	0.0	106.2	5.8	13,477.1	173.3	21,990.6	10	0.0	302.7	1.6	87,151.7	5.8	1,665.9	33	112.0	475.9	0	
<b>Total</b>	<b>369,714</b>	<b>100.0</b>	<b>1,832.2</b>	<b>100.0</b>	<b>13.9</b>	<b>1,801.8</b>	<b>13.7</b>	<b>413,323</b>	<b>100.0</b>	<b>19,180.6</b>	<b>100.0</b>	<b>131.9</b>	<b>214.0</b>	<b>1.5</b>	<b>783,037</b>	<b>2,046.3</b>	<b>20,982.4</b>	<b>10,193</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B5. United States oil and gas well summary statistics, 2004

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	149,903	40.4	17.2	1.0	0.3	5.6	0.1	104,006	24.1	87.2	0.5	2.4	0.9	0.0	253,909	18.0	92.8	708
1 - 2	45,578	12.3	22.4	1.3	1.4	9.2	0.6	50,251	11.6	148.7	0.8	8.3	1.4	0.1	95,829	23.8	157.9	465
2 - 4	47,702	12.8	46.1	2.6	2.7	21.3	1.2	56,921	13.2	333.5	1.8	16.4	3.4	0.2	104,623	49.4	354.8	743
4 - 6	26,404	7.1	42.6	2.4	4.5	24.6	2.6	36,089	8.4	358.0	1.9	27.9	3.8	0.3	62,493	46.4	382.6	666
6 - 8	16,960	4.6	38.0	2.2	6.3	25.2	4.1	26,345	6.1	367.0	1.9	39.2	3.9	0.4	43,305	41.9	392.2	589
8 - 10	12,620	3.4	36.4	2.1	8.1	23.9	5.3	20,426	4.7	368.3	1.9	50.8	3.6	0.5	33,046	40.0	392.2	531
<b>Subtotal &lt;=10</b>	<b>299,167</b>	<b>80.5</b>	<b>202.6</b>	<b>11.5</b>	<b>1.9</b>	<b>109.7</b>	<b>1.0</b>	<b>294,038</b>	<b>68.1</b>	<b>1,662.8</b>	<b>8.7</b>	<b>15.9</b>	<b>17.1</b>	<b>0.2</b>	<b>593,205</b>	<b>219.6</b>	<b>1,772.5</b>	<b>3,702</b>
10 - 12	9,138	2.5	32.0	1.8	9.8	21.9	6.7	16,329	3.8	360.6	1.9	62.3	3.3	0.6	25,467	35.3	382.5	451
12 - 15	10,329	2.8	44.4	2.5	12.1	29.1	7.9	19,525	4.5	528.6	2.8	76.5	4.7	0.7	29,854	49.2	557.7	604
<b>Subtotal &lt;=15</b>	<b>318,634</b>	<b>85.8</b>	<b>279.0</b>	<b>15.8</b>	<b>2.4</b>	<b>160.8</b>	<b>1.4</b>	<b>329,892</b>	<b>76.4</b>	<b>2,551.9</b>	<b>13.4</b>	<b>21.7</b>	<b>25.1</b>	<b>0.2</b>	<b>648,526</b>	<b>304.1</b>	<b>2,712.7</b>	<b>4,757</b>
15 - 20	11,919	3.2	66.0	3.7	15.6	42.7	10.1	22,006	5.1	765.9	4.0	98.7	6.5	0.8	33,925	72.5	808.5	816
20 - 25	8,157	2.2	57.8	3.3	20.2	37.4	13.0	14,232	3.3	635.2	3.3	127.5	5.3	1.1	22,389	63.1	672.6	737
25 - 30	5,688	1.5	48.4	2.7	24.6	32.3	16.4	9,817	2.3	534.2	2.8	156.3	4.5	1.3	15,505	52.9	566.4	599
30 - 40	7,431	2.0	80.0	4.5	31.2	51.9	20.2	13,024	3.0	885.4	4.6	197.2	7.5	1.7	20,455	87.4	937.3	885
40 - 50	4,525	1.2	61.6	3.5	40.0	43.2	28.1	7,983	1.9	691.7	3.6	254.8	5.8	2.1	12,508	67.4	734.9	646
50 - 100	8,235	2.2	168.4	9.5	61.0	123.8	44.9	16,738	3.9	2,182.2	11.4	395.9	19.4	3.5	24,973	187.8	2,306.1	1,451
<b>Subtotal &lt;=100</b>	<b>364,589</b>	<b>98.2</b>	<b>761.1</b>	<b>43.1</b>	<b>5.9</b>	<b>492.0</b>	<b>3.8</b>	<b>413,692</b>	<b>95.9</b>	<b>8,246.6</b>	<b>43.2</b>	<b>56.4</b>	<b>74.1</b>	<b>0.5</b>	<b>778,281</b>	<b>835.2</b>	<b>8,738.5</b>	<b>9,891</b>
100 - 200	3,342	0.9	134.3	7.6	121.2	113.3	102.2	9,592	2.2	2,339.2	12.2	794.5	19.8	6.7	12,934	154.1	2,452.5	814
200 - 400	1,771	0.5	144.1	8.2	244.1	129.0	218.4	4,856	1.1	2,305.8	12.1	1,561.7	22.7	15.4	6,627	166.8	2,434.8	528
400 - 800	928	0.3	145.6	8.2	471.0	162.1	524.4	2,114	0.5	1,881.6	9.9	3,037.5	24.8	40.1	3,042	170.5	2,043.7	162
800 - 1,600	480	0.1	136.5	7.7	876.3	186.5	1,196.8	843	0.2	1,470.3	7.7	6,075.4	20.3	83.7	1,323	156.8	1,656.7	34
1,600 - 3,200	186	0.1	106.2	6.0	1,782.3	144.7	2,427.5	283	0.1	1,045.8	5.5	12,017.8	17.2	198.0	469	123.5	1,190.5	10
3,200 - 6,400	93	0.0	114.2	6.5	3,750.4	175.7	5,769.4	115	0.0	829.3	4.3	22,900.2	12.6	346.7	208	126.7	1,004.9	7
6,400 - 12,800	62	0.0	143.4	8.1	7,423.9	213.2	11,037.6	49	0.0	783.4	4.1	49,012.4	14.1	879.1	111	157.4	996.6	0
> 12,800	20	0.0	82.0	4.6	12,215.2	156.0	23,229.8	6	0.0	205.7	1.1	99,202.8	2.8	1,339.0	26	84.8	361.7	0
<b>Total</b>	<b>371,471</b>	<b>100.0</b>	<b>1,767.5</b>	<b>100.0</b>	<b>13.4</b>	<b>1,772.3</b>	<b>13.4</b>	<b>431,550</b>	<b>100.0</b>	<b>19,107.6</b>	<b>100.0</b>	<b>125.9</b>	<b>208.2</b>	<b>1.4</b>	<b>803,021</b>	<b>1,975.7</b>	<b>20,879.9</b>	<b>11,446</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B6. United States oil and gas well summary statistics, 2005

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	151,654	40.4	17.2	1.0	0.3	5.9	0.1	108,445	24.0	89.9	0.5	2.3	0.9	0.0	260,099	18.1	95.8	745
1 - 2	46,454	12.4	22.7	1.4	1.4	9.5	0.6	52,320	11.6	155.1	0.8	8.3	1.5	0.1	98,774	24.1	164.6	550
2 - 4	48,279	12.9	46.4	2.8	2.7	21.8	1.3	60,070	13.3	350.9	1.9	16.4	3.5	0.2	108,349	49.8	372.8	855
4 - 6	26,748	7.1	42.7	2.5	4.5	25.5	2.7	38,741	8.6	383.8	2.1	28.0	3.9	0.3	65,489	46.6	409.3	726
6 - 8	17,063	4.6	38.0	2.3	6.2	25.8	4.2	27,913	6.2	388.6	2.1	39.3	3.9	0.4	44,976	41.9	414.3	641
8 - 10	12,682	3.4	36.3	2.2	8.0	24.1	5.3	21,993	4.9	395.7	2.1	50.9	3.8	0.5	34,675	40.1	419.8	558
<b>Subtotal &lt;=10</b>	<b>302,880</b>	<b>80.7</b>	<b>203.3</b>	<b>12.1</b>	<b>1.9</b>	<b>112.5</b>	<b>1.0</b>	<b>309,482</b>	<b>68.5</b>	<b>1,764.0</b>	<b>9.4</b>	<b>16.1</b>	<b>17.4</b>	<b>0.2</b>	<b>612,362</b>	<b>220.7</b>	<b>1,876.5</b>	<b>4,075</b>
10 - 12	9,577	2.6	33.3	2.0	9.8	23.2	6.8	17,565	3.9	386.0	2.1	62.3	3.6	0.6	27,142	36.9	409.2	533
12 - 15	10,593	2.8	44.8	2.7	12.1	29.7	8.0	19,919	4.4	537.5	2.9	76.5	4.8	0.7	30,512	49.6	567.3	656
<b>Subtotal &lt;=15</b>	<b>323,050</b>	<b>86.1</b>	<b>281.5</b>	<b>16.7</b>	<b>2.4</b>	<b>165.4</b>	<b>1.4</b>	<b>346,966</b>	<b>76.8</b>	<b>2,687.6</b>	<b>14.4</b>	<b>21.8</b>	<b>25.8</b>	<b>0.2</b>	<b>670,016</b>	<b>307.3</b>	<b>2,853.0</b>	<b>5,264</b>
15 - 20	12,006	3.2	66.0	3.9	15.6	42.6	10.1	22,410	5.0	775.3	4.1	98.7	6.7	0.9	34,416	72.7	817.8	990
20 - 25	7,961	2.1	55.7	3.3	20.1	37.3	13.5	14,535	3.2	645.2	3.5	127.5	5.4	1.1	22,496	61.2	682.5	825
25 - 30	5,713	1.5	48.8	2.9	24.6	32.6	16.4	10,000	2.2	542.1	2.9	156.6	4.4	1.3	15,713	53.2	574.7	684
30 - 40	7,466	2.0	79.1	4.7	31.0	53.9	21.1	13,401	3.0	907.0	4.9	197.3	7.5	1.6	20,867	86.6	960.9	1,005
40 - 50	4,447	1.2	59.6	3.5	39.9	43.0	28.7	8,266	1.8	713.7	3.8	255.6	5.8	2.1	12,713	65.4	756.7	697
50 - 100	8,009	2.1	161.3	9.6	60.8	121.2	45.7	17,569	3.9	2,293.3	12.3	399.0	18.5	3.2	25,578	179.8	2,414.6	1,737
<b>Subtotal &lt;=100</b>	<b>368,652</b>	<b>98.3</b>	<b>751.9</b>	<b>44.7</b>	<b>5.7</b>	<b>496.0</b>	<b>3.8</b>	<b>433,147</b>	<b>95.9</b>	<b>8,564.2</b>	<b>45.8</b>	<b>56.1</b>	<b>74.1</b>	<b>0.5</b>	<b>801,799</b>	<b>826.0</b>	<b>9,060.2</b>	<b>11,202</b>
100 - 200	3,245	0.9	130.9	7.8	122.5	105.0	98.2	10,429	2.3	2,512.3	13.4	795.3	20.6	6.5	13,674	151.5	2,617.3	1,262
200 - 400	1,685	0.5	134.3	8.0	241.0	116.1	208.3	5,021	1.1	2,327.0	12.4	1,560.1	20.9	14.0	6,706	155.3	2,443.1	741
400 - 800	874	0.2	139.2	8.3	470.6	154.5	522.4	1,929	0.4	1,682.9	9.0	3,030.1	21.3	38.4	2,803	160.5	1,837.4	199
800 - 1,600	436	0.1	131.4	7.8	897.3	174.5	1,191.4	705	0.2	1,231.9	6.6	6,155.0	17.4	87.1	1,141	148.9	1,406.4	44
1,600 - 3,200	166	0.0	96.6	5.7	1,830.1	131.6	2,493.4	236	0.1	846.3	4.5	11,926.3	12.2	172.6	402	108.8	977.9	13
3,200 - 6,400	95	0.0	114.0	6.8	3,612.9	163.2	5,171.7	86	0.0	670.7	3.6	23,517.1	10.1	355.2	181	124.1	833.9	6
6,400 - 12,800	41	0.0	100.4	6.0	7,061.3	134.8	9,479.0	41	0.0	680.8	3.6	48,624.0	11.1	790.8	82	111.5	815.5	0
> 12,800	19	0.0	84.5	5.0	12,918.6	140.4	21,457.4	8	0.0	200.5	1.1	72,471.4	9.6	3,471.6	27	94.1	340.9	0
<b>Total</b>	<b>375,213</b>	<b>100.0</b>	<b>1,683.2</b>	<b>100.0</b>	<b>12.6</b>	<b>1,616.0</b>	<b>12.1</b>	<b>451,602</b>	<b>100.0</b>	<b>18,716.6</b>	<b>100.0</b>	<b>118.3</b>	<b>197.5</b>	<b>1.2</b>	<b>826,815</b>	<b>1,880.7</b>	<b>20,332.6</b>	<b>13,467</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B7. United States oil and gas well summary statistics, 2006

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	153,093	40.3	17.6	1.1	0.3	6.0	0.1	115,554	24.1	96.3	0.5	2.4	0.9	0.0	268,647	18.5	102.3	831
1 - 2	47,426	12.5	23.1	1.4	1.4	9.5	0.6	55,749	11.6	164.9	0.9	8.3	1.5	0.1	103,175	24.6	174.3	602
2 - 4	49,404	13.0	47.2	2.9	2.7	22.2	1.3	63,917	13.3	373.8	1.9	16.5	3.5	0.2	113,321	50.8	396.0	893
4 - 6	27,561	7.3	43.5	2.7	4.5	27.0	2.8	41,471	8.6	409.5	2.1	27.9	4.1	0.3	69,032	47.7	436.5	803
6 - 8	17,813	4.7	39.5	2.4	6.2	27.0	4.3	30,227	6.3	420.1	2.2	39.3	4.2	0.4	48,040	43.6	447.1	715
8 - 10	12,698	3.3	36.0	2.2	8.0	24.2	5.4	23,474	4.9	420.9	2.2	50.8	3.9	0.5	36,172	39.9	445.1	647
<b>Subtotal &lt;=10</b>	<b>307,995</b>	<b>81.0</b>	<b>206.9</b>	<b>12.6</b>	<b>1.9</b>	<b>115.9</b>	<b>1.1</b>	<b>330,392</b>	<b>68.9</b>	<b>1,885.5</b>	<b>9.8</b>	<b>16.1</b>	<b>18.2</b>	<b>0.2</b>	<b>638,387</b>	<b>225.1</b>	<b>2,001.3</b>	<b>4,491</b>
10 - 12	9,650	2.5	33.4	2.0	9.8	23.9	7.0	18,372	3.8	405.1	2.1	62.4	3.6	0.6	28,022	37.0	428.9	557
12 - 15	10,752	2.8	45.8	2.8	12.1	30.7	8.1	21,103	4.4	568.2	3.0	76.4	5.1	0.7	31,855	50.8	598.9	838
<b>Subtotal &lt;=15</b>	<b>328,397</b>	<b>86.4</b>	<b>286.1</b>	<b>17.4</b>	<b>2.4</b>	<b>170.4</b>	<b>1.5</b>	<b>369,867</b>	<b>77.1</b>	<b>2,858.7</b>	<b>14.9</b>	<b>21.9</b>	<b>26.8</b>	<b>0.2</b>	<b>698,264</b>	<b>312.9</b>	<b>3,029.1</b>	<b>5,886</b>
15 - 20	12,062	3.2	66.0	4.0	15.7	42.3	10.0	23,000	4.8	795.2	4.1	98.7	7.0	0.9	35,062	73.1	837.4	1,127
20 - 25	8,014	2.1	55.8	3.4	20.1	37.8	13.6	14,984	3.1	665.2	3.5	127.4	5.7	1.1	22,998	61.5	702.9	933
25 - 30	5,710	1.5	48.1	2.9	24.6	33.1	16.9	10,552	2.2	569.9	3.0	156.4	4.6	1.3	16,262	52.8	603.0	784
30 - 40	7,420	2.0	77.7	4.7	30.8	55.1	21.9	13,845	2.9	937.3	4.9	197.4	7.9	1.7	21,265	85.6	992.5	1,173
40 - 50	4,321	1.1	56.9	3.5	39.7	42.6	29.7	8,736	1.8	752.5	3.9	254.6	6.5	2.2	13,057	63.5	795.1	862
50 - 100	7,691	2.0	154.4	9.4	60.8	117.8	46.4	19,182	4.0	2,493.3	13.0	399.0	20.3	3.3	26,873	174.7	2,611.1	2,409
<b>Subtotal &lt;=100</b>	<b>373,615</b>	<b>98.3</b>	<b>745.1</b>	<b>45.4</b>	<b>5.6</b>	<b>499.2</b>	<b>3.8</b>	<b>460,166</b>	<b>95.9</b>	<b>9,072.1</b>	<b>47.1</b>	<b>56.1</b>	<b>78.9</b>	<b>0.5</b>	<b>833,781</b>	<b>824.0</b>	<b>9,571.2</b>	<b>13,174</b>
100 - 200	3,220	0.9	128.7	7.8	121.0	109.2	102.7	11,523	2.4	2,765.2	14.4	796.1	21.2	6.1	14,743	150.0	2,874.4	1,908
200 - 400	1,658	0.4	130.6	8.0	240.3	121.8	224.2	5,201	1.1	2,348.4	12.2	1,547.2	21.1	13.9	6,859	151.7	2,470.2	993
400 - 800	883	0.2	135.1	8.2	461.9	154.9	529.6	1,779	0.4	1,506.8	7.8	3,073.5	18.9	38.5	2,662	153.9	1,661.7	254
800 - 1,600	372	0.1	108.1	6.6	879.8	156.1	1,270.1	687	0.1	1,198.6	6.2	6,063.6	17.5	88.3	1,059	125.6	1,354.7	50
1,600 - 3,200	169	0.0	104.1	6.3	1,864.5	133.0	2,382.4	248	0.1	909.9	4.7	11,947.3	14.3	187.5	417	118.4	1,043.0	14
3,200 - 6,400	95	0.0	113.1	6.9	3,649.1	149.0	4,809.7	88	0.0	675.9	3.5	24,348.2	10.1	364.5	183	123.2	824.9	7
6,400 - 12,800	47	0.0	110.5	6.7	7,026.0	150.6	9,569.8	40	0.0	601.0	3.1	45,195.3	11.9	893.9	87	122.4	751.6	0
> 12,800	13	0.0	66.3	4.0	13,962.2	94.5	19,911.9	6	0.0	174.1	0.9	81,676.2	6.3	2,954.4	19	72.5	268.5	0
<b>Total</b>	<b>380,072</b>	<b>100.0</b>	<b>1,641.6</b>	<b>100.0</b>	<b>12.2</b>	<b>1,568.3</b>	<b>11.7</b>	<b>479,738</b>	<b>100.0</b>	<b>19,252.1</b>	<b>100.0</b>	<b>115.0</b>	<b>200.2</b>	<b>1.2</b>	<b>859,810</b>	<b>1,841.7</b>	<b>20,820.3</b>	<b>16,400</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B8. United States oil and gas well summary statistics, 2007

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	150,398	39.8	17.5	1.1	0.3	5.6	0.1	116,694	23.5	98.2	0.5	2.4	0.9	0.0	267,092	18.4	103.8	955
1 - 2	47,378	12.5	23.1	1.4	1.4	9.3	0.5	57,029	11.5	169.4	0.9	8.3	1.5	0.1	104,407	24.6	178.6	702
2 - 4	49,505	13.1	47.3	2.9	2.7	22.8	1.3	66,943	13.5	394.0	2.0	16.6	3.6	0.2	116,448	50.9	416.9	1,062
4 - 6	27,180	7.2	43.1	2.6	4.5	27.1	2.8	44,147	8.9	438.9	2.2	28.0	4.3	0.3	71,327	47.4	466.0	907
6 - 8	18,238	4.8	40.5	2.5	6.2	27.4	4.2	32,119	6.5	449.3	2.3	39.4	4.3	0.4	50,357	44.8	476.7	842
8 - 10	12,827	3.4	36.6	2.2	8.0	25.0	5.5	24,871	5.0	448.1	2.2	50.9	4.1	0.5	37,698	40.7	473.1	752
<b>Subtotal &lt;=10</b>	<b>305,526</b>	<b>80.8</b>	<b>208.2</b>	<b>12.7</b>	<b>1.9</b>	<b>117.1</b>	<b>1.1</b>	<b>341,803</b>	<b>68.8</b>	<b>1,998.0</b>	<b>10.0</b>	<b>16.5</b>	<b>18.6</b>	<b>0.2</b>	<b>647,329</b>	<b>226.8</b>	<b>2,115.1</b>	<b>5,220</b>
10 - 12	9,545	2.5	33.0	2.0	9.8	23.6	7.0	19,146	3.9	423.0	2.1	62.5	3.7	0.6	28,691	36.7	446.6	697
12 - 15	10,839	2.9	46.3	2.8	12.1	31.0	8.1	21,129	4.3	570.0	2.9	76.4	5.0	0.7	31,968	51.4	601.0	938
<b>Subtotal &lt;=15</b>	<b>325,910</b>	<b>86.2</b>	<b>287.5</b>	<b>17.5</b>	<b>2.5</b>	<b>171.7</b>	<b>1.5</b>	<b>382,078</b>	<b>76.9</b>	<b>2,991.0</b>	<b>15.0</b>	<b>22.1</b>	<b>27.4</b>	<b>0.2</b>	<b>707,988</b>	<b>314.9</b>	<b>3,162.7</b>	<b>6,855</b>
15 - 20	12,087	3.2	66.3	4.0	15.6	43.2	10.2	23,319	4.7	807.6	4.0	98.6	7.1	0.9	35,406	73.4	850.9	1,314
20 - 25	8,091	2.1	56.3	3.4	20.1	38.2	13.6	15,059	3.0	671.5	3.4	127.3	5.9	1.1	23,150	62.1	709.7	1,084
25 - 30	5,656	1.5	47.7	2.9	24.5	34.1	17.5	10,741	2.2	582.6	2.9	156.4	5.0	1.3	16,397	52.7	616.7	927
30 - 40	7,412	2.0	77.2	4.7	30.8	55.6	22.2	14,486	2.9	983.3	4.9	197.2	8.5	1.7	21,898	85.7	1,038.9	1,425
40 - 50	4,347	1.2	57.3	3.5	39.5	44.4	30.6	9,172	1.9	792.4	4.0	255.1	6.7	2.2	13,519	64.0	836.8	1,089
50 - 100	7,875	2.1	156.3	9.5	60.4	125.3	48.5	20,868	4.2	2,729.3	13.7	399.9	21.9	3.2	28,743	178.2	2,854.6	3,385
<b>Subtotal &lt;=100</b>	<b>371,378</b>	<b>98.2</b>	<b>748.6</b>	<b>45.7</b>	<b>5.7</b>	<b>512.6</b>	<b>3.9</b>	<b>475,723</b>	<b>95.7</b>	<b>9,557.7</b>	<b>47.9</b>	<b>57.0</b>	<b>82.6</b>	<b>0.5</b>	<b>847,101</b>	<b>831.1</b>	<b>10,070.3</b>	<b>16,079</b>
100 - 200	3,473	0.9	135.1	8.2	120.4	120.7	107.6	12,712	2.6	3,047.3	15.3	799.3	22.4	5.9	16,185	157.5	3,168.0	2,928
200 - 400	1,755	0.5	140.6	8.6	240.5	132.4	226.3	5,588	1.1	2,382.8	11.9	1,539.3	22.8	14.7	7,343	163.4	2,515.1	1,593
400 - 800	926	0.2	140.9	8.6	454.6	171.5	553.6	1,986	0.4	1,606.6	8.0	3,041.5	19.6	37.2	2,912	160.5	1,778.1	410
800 - 1,600	390	0.1	113.6	6.9	892.0	153.8	1,207.6	700	0.1	1,174.3	5.9	6,019.8	15.9	81.6	1,090	129.5	1,328.1	59
1,600 - 3,200	162	0.0	97.6	6.0	1,845.6	129.5	2,448.4	225	0.1	827.8	4.1	12,014.7	13.0	189.1	387	110.6	957.3	11
3,200 - 6,400	85	0.0	98.3	6.0	3,658.7	128.9	4,794.9	89	0.0	679.7	3.4	24,197.8	10.6	376.4	174	108.9	808.6	10
6,400 - 12,800	49	0.0	119.9	7.3	7,364.1	163.1	10,017.7	49	0.0	608.8	3.1	45,550.4	10.9	816.4	98	130.8	771.9	0
> 12,800	9	0.0	44.5	2.7	14,192.8	53.9	17,205.3	3	0.0	89.7	0.5	81,903.3	3.1	2,799.4	12	47.5	143.6	0
<b>Total</b>	<b>378,227</b>	<b>100.0</b>	<b>1,639.0</b>	<b>100.0</b>	<b>12.2</b>	<b>1,566.4</b>	<b>11.7</b>	<b>497,075</b>	<b>100.0</b>	<b>19,974.6</b>	<b>100.0</b>	<b>114.9</b>	<b>200.9</b>	<b>1.2</b>	<b>875,302</b>	<b>1,839.9</b>	<b>21,541.0</b>	<b>21,090</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B9. United States oil and gas well summary statistics, 2008

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	157,930	40.0	18.3	1.1	0.3	6.4	0.1	130,974	24.3	108.1	0.5	2.3	1.1	0.0	288,904	19.3	114.5	1,058
1 - 2	50,331	12.7	24.3	1.5	1.4	10.9	0.6	62,811	11.7	186.8	0.9	8.3	1.6	0.1	113,142	26.0	197.8	785
2 - 4	51,240	13.0	48.8	3.0	2.7	24.9	1.4	73,391	13.6	433.0	2.1	16.5	4.0	0.2	124,631	52.8	457.9	1,090
4 - 6	28,203	7.1	44.6	2.8	4.4	28.5	2.8	47,421	8.8	473.3	2.2	28.0	4.6	0.3	75,624	49.2	501.7	1,058
6 - 8	18,673	4.7	41.4	2.6	6.2	27.9	4.2	34,314	6.4	483.6	2.3	39.6	4.4	0.4	52,987	45.8	511.5	1,040
8 - 10	13,060	3.3	37.0	2.3	8.0	25.9	5.6	25,448	4.7	462.0	2.2	50.9	4.2	0.5	38,508	41.2	487.8	942
<b>Subtotal &lt;=10</b>	<b>319,437</b>	<b>80.9</b>	<b>214.4</b>	<b>13.3</b>	<b>1.9</b>	<b>124.5</b>	<b>1.1</b>	<b>374,359</b>	<b>69.5</b>	<b>2,146.7</b>	<b>10.2</b>	<b>16.1</b>	<b>19.9</b>	<b>0.1</b>	<b>693,796</b>	<b>234.3</b>	<b>2,271.2</b>	<b>5,973</b>
10 - 12	10,182	2.6	35.2	2.2	9.8	24.7	6.9	19,439	3.6	432.3	2.0	62.5	3.8	0.6	29,621	39.0	457.0	789
12 - 15	11,109	2.8	47.3	2.9	12.1	31.1	7.9	21,609	4.0	584.6	2.8	76.3	5.4	0.7	32,718	52.8	615.7	1,157
<b>Subtotal &lt;=15</b>	<b>340,728</b>	<b>86.3</b>	<b>296.9</b>	<b>18.4</b>	<b>2.4</b>	<b>180.3</b>	<b>1.5</b>	<b>415,407</b>	<b>77.1</b>	<b>3,163.6</b>	<b>15.0</b>	<b>21.4</b>	<b>29.2</b>	<b>0.2</b>	<b>756,135</b>	<b>326.1</b>	<b>3,343.9</b>	<b>7,919</b>
15 - 20	12,414	3.1	67.3	4.2	15.6	45.8	10.6	24,236	4.5	841.4	4.0	98.6	7.5	0.9	36,650	74.8	887.2	1,616
20 - 25	8,348	2.1	57.9	3.6	20.0	40.7	14.1	15,952	3.0	714.1	3.4	127.3	6.4	1.1	24,300	64.3	754.7	1,485
25 - 30	5,929	1.5	49.4	3.1	24.5	35.5	17.6	11,424	2.1	620.6	2.9	155.9	5.5	1.4	17,353	54.9	656.1	1,136
30 - 40	7,651	1.9	79.0	4.9	30.7	60.3	23.4	15,242	2.8	1,039.4	4.9	197.7	8.8	1.7	22,893	87.7	1,099.7	1,962
40 - 50	4,497	1.1	58.6	3.6	39.6	44.8	30.3	9,979	1.9	869.2	4.1	255.2	7.4	2.2	14,476	66.1	914.1	1,475
50 - 100	8,258	2.1	159.7	9.9	60.1	134.9	50.8	22,645	4.2	3,008.0	14.2	402.4	23.0	3.1	30,903	182.7	3,142.9	4,686
<b>Subtotal &lt;=100</b>	<b>387,825</b>	<b>98.2</b>	<b>768.8</b>	<b>47.5</b>	<b>5.6</b>	<b>542.2</b>	<b>3.9</b>	<b>514,885</b>	<b>95.6</b>	<b>10,256.3</b>	<b>48.5</b>	<b>56.3</b>	<b>87.8</b>	<b>0.5</b>	<b>902,710</b>	<b>856.5</b>	<b>10,798.5</b>	<b>20,279</b>
100 - 200	3,753	1.0	141.9	8.8	119.8	126.8	107.1	14,210	2.6	3,430.8	16.2	801.8	23.3	5.5	17,963	165.2	3,557.6	4,099
200 - 400	1,745	0.4	131.9	8.2	236.8	131.1	235.2	6,370	1.2	2,729.0	12.9	1,550.2	22.7	12.9	8,115	154.6	2,860.1	2,502
400 - 800	935	0.2	142.1	8.8	462.9	164.7	536.3	2,062	0.4	1,618.8	7.7	3,033.1	19.3	36.2	2,997	161.5	1,783.5	694
800 - 1,600	413	0.1	118.5	7.3	896.4	157.5	1,191.5	629	0.1	986.8	4.7	5,868.7	14.8	88.1	1,042	133.3	1,144.3	128
1,600 - 3,200	131	0.0	77.7	4.8	1,779.9	101.4	2,323.1	234	0.0	780.2	3.7	11,942.6	10.6	162.1	365	88.3	881.6	20
3,200 - 6,400	65	0.0	82.4	5.1	3,756.1	100.1	4,566.1	83	0.0	669.8	3.2	24,808.5	10.6	391.3	148	92.9	770.0	8
6,400 - 12,800	41	0.0	93.0	5.8	7,306.2	102.3	8,038.1	34	0.0	552.6	2.6	47,316.9	9.3	799.6	75	102.3	654.9	0
> 12,800	13	0.0	60.9	3.8	15,471.3	50.9	12,934.9	5	0.0	126.7	0.6	76,859.0	3.0	1,826.8	18	63.9	177.6	0
<b>Total</b>	<b>394,921</b>	<b>100.0</b>	<b>1,617.1</b>	<b>100.0</b>	<b>11.6</b>	<b>1,477.0</b>	<b>10.6</b>	<b>538,512</b>	<b>100.0</b>	<b>21,151.0</b>	<b>100.0</b>	<b>111.9</b>	<b>201.4</b>	<b>1.1</b>	<b>933,433</b>	<b>1,818.5</b>	<b>22,627.9</b>	<b>27,730</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B10. United States oil and gas well summary statistics, 2009

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	160,137	40.8	18.4	1.1	0.3	6.5	0.1	133,911	24.6	110.8	0.5	2.4	1.0	0.0	294,048	19.4	117.4	1,265
1 - 2	49,402	12.6	23.9	1.4	1.4	10.2	0.6	64,274	11.8	191.3	0.9	8.3	1.7	0.1	113,676	25.5	201.5	855
2 - 4	51,025	13.0	48.3	2.8	2.7	24.8	1.4	75,161	13.8	446.5	2.1	16.6	4.0	0.1	126,186	52.3	471.3	1,291
4 - 6	28,000	7.1	44.3	2.5	4.4	28.5	2.9	47,841	8.8	481.0	2.2	28.0	4.6	0.3	75,841	49.0	509.5	1,234
6 - 8	18,362	4.7	40.6	2.3	6.2	27.8	4.3	34,904	6.4	494.7	2.3	39.5	4.6	0.4	53,266	45.2	522.5	1,123
8 - 10	12,833	3.3	36.4	2.1	8.0	26.6	5.8	25,679	4.7	469.5	2.2	50.9	4.2	0.5	38,512	40.7	496.1	992
<b>Subtotal &lt;=10</b>	<b>319,759</b>	<b>81.4</b>	<b>212.0</b>	<b>12.1</b>	<b>1.9</b>	<b>124.5</b>	<b>1.1</b>	<b>381,770</b>	<b>70.2</b>	<b>2,193.8</b>	<b>10.2</b>	<b>16.1</b>	<b>20.1</b>	<b>0.1</b>	<b>701,529</b>	<b>232.1</b>	<b>2,318.3</b>	<b>6,760</b>
10 - 12	9,692	2.5	33.9	1.9	9.8	23.0	6.7	19,302	3.6	431.1	2.0	62.3	4.0	0.6	28,994	37.9	454.1	944
12 - 15	10,812	2.8	46.3	2.7	12.0	32.0	8.3	21,733	4.0	594.8	2.8	76.3	5.6	0.7	32,545	51.8	626.7	1,280
<b>Subtotal &lt;=15</b>	<b>340,263</b>	<b>86.6</b>	<b>292.1</b>	<b>16.7</b>	<b>2.4</b>	<b>179.4</b>	<b>1.5</b>	<b>422,805</b>	<b>77.7</b>	<b>3,219.7</b>	<b>15.0</b>	<b>21.4</b>	<b>29.7</b>	<b>0.2</b>	<b>763,068</b>	<b>321.8</b>	<b>3,399.1</b>	<b>8,984</b>
15 - 20	12,260	3.1	67.1	3.9	15.5	46.6	10.8	24,094	4.4	848.4	4.0	98.4	7.9	0.9	36,354	75.1	895.0	1,992
20 - 25	8,097	2.1	56.4	3.2	19.9	42.2	14.9	16,079	3.0	730.7	3.4	127.2	6.6	1.1	24,176	63.0	772.9	1,680
25 - 30	5,650	1.4	47.9	2.7	24.4	35.2	17.9	11,537	2.1	639.6	3.0	156.0	5.6	1.4	17,187	53.5	674.8	1,399
30 - 40	7,261	1.9	76.0	4.4	30.4	60.8	24.4	15,771	2.9	1,103.0	5.1	197.5	9.2	1.7	23,032	85.2	1,163.9	2,434
40 - 50	4,303	1.1	57.0	3.3	39.4	44.2	30.6	9,866	1.8	886.1	4.1	255.3	7.4	2.1	14,169	64.3	930.4	1,910
50 - 100	7,956	2.0	158.1	9.1	60.0	137.4	52.2	22,332	4.1	3,122.5	14.5	401.8	22.3	2.9	30,288	180.4	3,259.8	5,777
<b>Subtotal &lt;=100</b>	<b>385,790</b>	<b>98.2</b>	<b>754.5</b>	<b>43.2</b>	<b>5.5</b>	<b>545.9</b>	<b>4.0</b>	<b>522,484</b>	<b>96.0</b>	<b>10,550.0</b>	<b>49.1</b>	<b>56.7</b>	<b>88.8</b>	<b>0.5</b>	<b>908,274</b>	<b>843.3</b>	<b>11,095.9</b>	<b>24,176</b>
100 - 200	3,738	1.0	147.2	8.4	120.3	133.1	108.8	12,996	2.4	3,452.3	16.1	798.4	21.9	5.1	16,734	169.2	3,585.4	4,734
200 - 400	1,813	0.5	140.7	8.1	240.0	135.6	231.2	5,566	1.0	2,586.9	12.0	1,545.1	21.6	12.9	7,379	162.3	2,722.5	2,705
400 - 800	903	0.2	132.8	7.6	458.6	169.9	586.6	1,982	0.4	1,648.8	7.7	3,034.6	18.0	33.1	2,885	150.8	1,818.7	914
800 - 1,600	382	0.1	110.3	6.3	877.2	156.5	1,244.6	700	0.1	1,100.4	5.1	6,074.6	15.2	83.9	1,082	125.5	1,256.9	284
1,600 - 3,200	133	0.0	81.1	4.7	1,854.8	101.1	2,312.3	260	0.1	824.7	3.8	12,013.4	12.5	181.9	393	93.6	925.8	83
3,200 - 6,400	68	0.0	90.0	5.2	3,965.3	92.7	4,082.5	67	0.0	561.7	2.6	25,392.4	8.4	380.3	135	98.4	654.3	3
6,400 - 12,800	47	0.0	112.5	6.5	7,435.6	131.6	8,695.8	38	0.0	544.0	2.5	48,181.5	5.3	467.8	85	117.8	675.6	1
> 12,800	30	0.0	176.5	10.1	18,162.7	136.8	14,083.1	9	0.0	227.3	1.1	84,011.4	3.3	1,204.3	39	179.7	364.2	0
<b>Total</b>	<b>392,904</b>	<b>100.0</b>	<b>1,745.7</b>	<b>100.0</b>	<b>12.5</b>	<b>1,603.1</b>	<b>11.5</b>	<b>544,102</b>	<b>100.0</b>	<b>21,496.2</b>	<b>100.0</b>	<b>111.5</b>	<b>194.9</b>	<b>1.0</b>	<b>937,006</b>	<b>1,940.6</b>	<b>23,099.3</b>	<b>32,900</b>

## Notes:

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- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B11. United States oil and gas well summary statistics, 2010

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	163,624	40.7	18.7	1.1	0.3	7.5	0.1	140,615	25.3	116.1	0.5	2.3	1.1	0.0	304,239	19.8	123.5	1,379
1 - 2	51,198	12.7	24.8	1.4	1.4	10.7	0.6	66,678	12.0	199.6	0.9	8.3	1.7	0.1	117,876	26.4	210.3	955
2 - 4	50,828	12.6	48.0	2.7	2.7	25.0	1.4	76,551	13.8	456.8	2.1	16.6	4.1	0.1	127,379	52.1	481.8	1,459
4 - 6	28,238	7.0	44.5	2.5	4.4	29.5	2.9	48,923	8.8	492.9	2.2	28.0	4.7	0.3	77,161	49.2	522.4	1,392
6 - 8	18,437	4.6	40.6	2.3	6.2	29.1	4.4	35,029	6.3	496.1	2.2	39.4	4.8	0.4	53,466	45.4	525.2	1,294
8 - 10	13,042	3.2	36.5	2.0	8.0	25.9	5.7	25,688	4.6	468.3	2.1	50.7	4.6	0.5	38,730	41.1	494.2	1,156
<b>Subtotal &lt;=10</b>	<b>325,367</b>	<b>80.9</b>	<b>213.1</b>	<b>11.9</b>	<b>1.8</b>	<b>127.6</b>	<b>1.1</b>	<b>393,484</b>	<b>70.7</b>	<b>2,229.8</b>	<b>10.0</b>	<b>15.8</b>	<b>20.9</b>	<b>0.1</b>	<b>718,851</b>	<b>234.0</b>	<b>2,357.5</b>	<b>7,635</b>
10 - 12	9,783	2.4	33.7	1.9	9.8	24.9	7.2	19,308	3.5	430.7	1.9	62.2	4.2	0.6	29,091	37.9	455.6	1,155
12 - 15	10,981	2.7	46.1	2.6	12.0	33.8	8.8	21,681	3.9	592.7	2.7	76.1	5.7	0.7	32,662	51.8	626.4	1,557
<b>Subtotal &lt;=15</b>	<b>346,131</b>	<b>86.1</b>	<b>292.9</b>	<b>16.4</b>	<b>2.4</b>	<b>186.3</b>	<b>1.5</b>	<b>434,473</b>	<b>78.1</b>	<b>3,253.2</b>	<b>14.6</b>	<b>20.9</b>	<b>30.7</b>	<b>0.2</b>	<b>780,604</b>	<b>323.6</b>	<b>3,439.5</b>	<b>10,347</b>
15 - 20	12,247	3.1	66.0	3.7	15.5	47.6	11.1	24,337	4.4	855.1	3.8	98.2	8.2	0.9	36,584	74.2	902.7	2,365
20 - 25	8,233	2.1	56.1	3.1	19.9	42.3	15.0	16,291	2.9	740.6	3.3	127.5	6.5	1.1	24,524	62.6	782.9	1,968
25 - 30	5,750	1.4	47.3	2.6	24.2	36.7	18.8	11,802	2.1	655.7	2.9	156.1	5.7	1.3	17,552	52.9	692.4	1,716
30 - 40	7,509	1.9	75.9	4.2	30.4	61.9	24.8	15,622	2.8	1,094.4	4.9	197.7	9.2	1.7	23,131	85.1	1,156.3	2,829
40 - 50	4,635	1.2	59.2	3.3	39.1	49.8	32.9	9,883	1.8	893.2	4.0	255.8	7.1	2.0	14,518	66.3	943.0	2,227
50 - 100	8,976	2.2	168.0	9.4	59.7	157.4	56.0	21,474	3.9	3,008.4	13.5	402.4	20.4	2.7	30,450	188.4	3,165.8	6,733
<b>Subtotal &lt;=100</b>	<b>393,481</b>	<b>97.9</b>	<b>765.4</b>	<b>42.8</b>	<b>5.5</b>	<b>582.0</b>	<b>4.2</b>	<b>533,882</b>	<b>96.0</b>	<b>10,500.6</b>	<b>47.2</b>	<b>55.0</b>	<b>87.7</b>	<b>0.5</b>	<b>927,363</b>	<b>853.1</b>	<b>11,082.6</b>	<b>28,185</b>
100 - 200	4,387	1.1	162.6	9.1	121.2	145.1	108.2	12,432	2.2	3,229.1	14.5	797.6	21.7	5.4	16,819	184.3	3,374.3	5,571
200 - 400	2,391	0.6	163.1	9.1	237.4	164.9	240.0	5,756	1.0	2,608.3	11.7	1,577.2	20.7	12.5	8,147	183.9	2,773.3	3,864
400 - 800	1,146	0.3	148.4	8.3	457.2	179.8	553.8	2,540	0.5	2,012.9	9.0	3,104.1	19.3	29.7	3,686	167.7	2,192.7	1,877
800 - 1,600	367	0.1	101.3	5.7	885.2	139.1	1,215.2	1,252	0.2	1,848.1	8.3	6,205.5	18.4	61.7	1,619	119.7	1,987.2	886
1,600 - 3,200	129	0.0	75.2	4.2	1,856.3	82.8	2,044.6	261	0.1	726.9	3.3	11,641.0	10.4	167.2	390	85.6	809.7	142
3,200 - 6,400	68	0.0	90.4	5.1	3,960.0	94.3	4,130.2	80	0.0	660.0	3.0	24,705.8	10.4	388.4	148	100.8	754.2	6
6,400 - 12,800	40	0.0	100.2	5.6	7,316.8	133.1	9,718.7	27	0.0	473.1	2.1	49,836.9	6.1	646.7	67	106.3	606.1	1
> 12,800	34	0.0	183.9	10.3	16,980.0	141.3	13,041.1	8	0.0	208.1	0.9	81,436.9	2.8	1,077.1	42	186.7	349.3	0
<b>Total</b>	<b>402,043</b>	<b>100.0</b>	<b>1,790.5</b>	<b>100.0</b>	<b>12.7</b>	<b>1,662.2</b>	<b>11.7</b>	<b>556,238</b>	<b>100.0</b>	<b>22,267.1</b>	<b>100.0</b>	<b>112.7</b>	<b>197.6</b>	<b>1.0</b>	<b>958,281</b>	<b>1,988.0</b>	<b>23,929.4</b>	<b>40,532</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B12. United States oil and gas well summary statistics, 2011

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	168,032	40.3	19.4	1.1	0.3	7.5	0.1	146,501	25.9	120.9	0.5	2.3	1.2	0.0	314,533	20.6	128.3	1,536
1 - 2	52,411	12.6	25.2	1.4	1.4	11.1	0.6	68,395	12.1	204.7	0.9	8.3	1.7	0.1	120,806	26.9	215.8	1,019
2 - 4	53,069	12.7	49.3	2.7	2.6	26.1	1.4	78,137	13.8	465.2	2.0	16.5	4.3	0.2	131,206	53.6	491.2	1,772
4 - 6	28,846	6.9	45.1	2.5	4.4	29.5	2.9	49,396	8.7	498.8	2.1	28.0	4.8	0.3	78,242	49.9	528.4	1,619
6 - 8	18,791	4.5	40.8	2.2	6.2	29.6	4.5	34,710	6.1	492.1	2.1	39.4	4.9	0.4	53,501	45.7	521.7	1,535
8 - 10	13,248	3.2	37.2	2.0	8.0	27.1	5.8	25,784	4.6	471.2	2.0	50.7	4.6	0.5	39,032	41.7	498.4	1,434
<b>Subtotal &lt;=10</b>	<b>334,397</b>	<b>80.1</b>	<b>217.0</b>	<b>11.8</b>	<b>1.8</b>	<b>130.9</b>	<b>1.1</b>	<b>402,923</b>	<b>71.3</b>	<b>2,252.9</b>	<b>9.6</b>	<b>15.6</b>	<b>21.3</b>	<b>0.1</b>	<b>737,320</b>	<b>238.3</b>	<b>2,383.7</b>	<b>8,915</b>
10 - 12	9,911	2.4	33.5	1.8	9.7	25.4	7.4	19,158	3.4	428.1	1.8	62.1	4.3	0.6	29,069	37.8	453.6	1,335
12 - 15	11,305	2.7	47.0	2.6	11.9	34.8	8.9	21,394	3.8	584.8	2.5	76.0	5.8	0.8	32,699	52.8	619.7	1,864
<b>Subtotal &lt;=15</b>	<b>355,613</b>	<b>85.2</b>	<b>297.5</b>	<b>16.1</b>	<b>2.4</b>	<b>191.2</b>	<b>1.5</b>	<b>443,475</b>	<b>78.4</b>	<b>3,265.8</b>	<b>13.9</b>	<b>20.5</b>	<b>31.4</b>	<b>0.2</b>	<b>799,088</b>	<b>329.0</b>	<b>3,457.0</b>	<b>12,114</b>
15 - 20	12,848	3.1	67.5	3.7	15.3	52.7	11.9	24,270	4.3	855.5	3.6	98.2	8.2	0.9	37,118	75.7	908.2	2,753
20 - 25	8,526	2.0	57.0	3.1	19.7	45.9	15.9	16,515	2.9	752.3	3.2	127.2	6.9	1.2	25,041	63.9	798.2	2,268
25 - 30	6,133	1.5	49.4	2.7	24.0	40.9	19.9	11,545	2.0	643.5	2.7	156.1	5.7	1.4	17,678	55.1	684.3	2,016
30 - 40	8,039	1.9	79.4	4.3	30.2	69.6	26.5	15,263	2.7	1,071.8	4.6	197.5	8.9	1.6	23,302	88.3	1,141.3	3,294
40 - 50	4,898	1.2	60.2	3.3	38.6	55.6	35.6	9,556	1.7	861.5	3.7	255.1	7.0	2.1	14,454	67.2	917.1	2,754
50 - 100	10,255	2.5	189.0	10.3	59.8	187.3	59.2	20,717	3.7	2,902.3	12.3	401.4	21.1	2.9	30,972	210.1	3,089.6	8,385
<b>Subtotal &lt;=100</b>	<b>406,312</b>	<b>97.4</b>	<b>800.1</b>	<b>43.4</b>	<b>5.6</b>	<b>643.1</b>	<b>4.5</b>	<b>541,341</b>	<b>95.7</b>	<b>10,352.6</b>	<b>44.0</b>	<b>53.4</b>	<b>89.1</b>	<b>0.5</b>	<b>947,653</b>	<b>889.2</b>	<b>10,995.7</b>	<b>33,584</b>
100 - 200	5,480	1.3	194.7	10.6	119.2	199.1	121.9	12,152	2.2	3,161.1	13.4	794.3	25.0	6.3	17,632	219.7	3,360.2	7,323
200 - 400	3,297	0.8	209.9	11.4	234.0	240.4	268.0	6,561	1.2	3,001.3	12.8	1,572.7	28.0	14.7	9,858	237.9	3,241.7	5,894
400 - 800	1,561	0.4	167.4	9.1	439.3	239.4	628.2	3,454	0.6	2,812.8	12.0	3,132.6	29.2	32.5	5,015	196.6	3,052.2	3,347
800 - 1,600	461	0.1	111.6	6.1	871.8	169.7	1,325.4	1,578	0.3	2,446.8	10.4	6,120.9	19.7	49.2	2,039	131.3	2,616.5	1,402
1,600 - 3,200	123	0.0	76.0	4.1	1,877.2	88.6	2,188.4	253	0.0	696.2	3.0	11,713.6	8.7	146.1	376	84.7	784.9	145
3,200 - 6,400	77	0.0	101.2	5.5	3,962.3	110.8	4,340.9	51	0.0	415.9	1.8	24,198.3	4.3	252.6	128	105.5	526.7	6
6,400 - 12,800	34	0.0	89.1	4.8	7,588.0	128.7	10,959.3	27	0.0	466.7	2.0	48,259.8	5.0	514.8	61	94.1	595.4	0
> 12,800	16	0.0	93.7	5.1	16,385.8	64.5	11,280.7	6	0.0	161.0	0.7	86,730.1	1.0	525.3	22	94.7	225.5	0
<b>Total</b>	<b>417,361</b>	<b>100.0</b>	<b>1,843.8</b>	<b>100.0</b>	<b>12.7</b>	<b>1,884.4</b>	<b>12.9</b>	<b>565,423</b>	<b>100.0</b>	<b>23,514.4</b>	<b>100.0</b>	<b>117.0</b>	<b>209.9</b>	<b>1.0</b>	<b>982,784</b>	<b>2,053.7</b>	<b>25,398.7</b>	<b>51,701</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B13. United States oil and gas well summary statistics, 2012

Prod. rate bracket (BOE/day)	Oil wells				Gas wells				Total wells									
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	171,075	39.5	20.0	0.9	0.3	7.6	0.1	152,606	26.8	125.8	0.5	2.3	1.3	0.0	323,681	21.3	133.4	1,749
1 - 2	53,568	12.4	26.0	1.2	1.4	11.3	0.6	69,695	12.3	208.4	0.9	8.3	1.8	0.1	123,263	27.8	219.7	1,165
2 - 4	54,380	12.5	51.1	2.4	2.6	26.8	1.4	77,691	13.7	461.7	1.9	16.5	4.4	0.2	132,071	55.5	488.5	2,029
4 - 6	29,441	6.8	46.5	2.2	4.4	30.4	2.9	48,944	8.6	493.7	2.1	28.0	5.0	0.3	78,385	51.5	524.1	1,845
6 - 8	19,036	4.4	41.9	2.0	6.2	29.7	4.4	34,105	6.0	484.2	2.0	39.3	5.0	0.4	53,141	46.9	513.9	1,800
8 - 10	13,628	3.1	38.3	1.8	8.0	28.7	6.0	24,614	4.3	450.0	1.9	50.6	4.6	0.5	38,242	43.0	478.7	1,626
<b>Subtotal &lt;=10</b>	<b>341,128</b>	<b>78.7</b>	<b>223.9</b>	<b>10.5</b>	<b>1.8</b>	<b>134.6</b>	<b>1.1</b>	<b>407,655</b>	<b>71.6</b>	<b>2,223.8</b>	<b>9.3</b>	<b>15.2</b>	<b>22.0</b>	<b>0.2</b>	<b>748,783</b>	<b>245.9</b>	<b>2,358.4</b>	<b>10,214</b>
10 - 12	10,527	2.4	36.1	1.7	9.7	27.0	7.3	19,094	3.4	426.9	1.8	61.8	4.5	0.7	29,621	40.6	453.9	1,507
12 - 15	11,598	2.7	48.3	2.3	11.9	37.7	9.3	21,041	3.7	575.9	2.4	75.8	5.9	0.8	32,639	54.2	613.6	2,145
<b>Subtotal &lt;=15</b>	<b>363,253</b>	<b>83.8</b>	<b>308.3</b>	<b>14.5</b>	<b>2.4</b>	<b>199.3</b>	<b>1.5</b>	<b>447,790</b>	<b>78.7</b>	<b>3,226.6</b>	<b>13.4</b>	<b>20.1</b>	<b>32.4</b>	<b>0.2</b>	<b>811,043</b>	<b>340.7</b>	<b>3,425.9</b>	<b>13,866</b>
15 - 20	13,291	3.1	70.2	3.3	15.2	57.0	12.4	23,968	4.2	846.2	3.5	98.0	8.5	1.0	37,259	78.8	903.1	3,061
20 - 25	9,113	2.1	61.1	2.9	19.6	51.5	16.5	16,003	2.8	730.3	3.0	126.8	6.9	1.2	25,116	68.0	781.8	2,683
25 - 30	6,315	1.5	51.0	2.4	23.8	45.5	21.2	11,436	2.0	640.2	2.7	155.8	5.7	1.4	17,751	56.7	685.6	2,363
30 - 40	8,651	2.0	86.3	4.1	30.0	80.1	27.8	14,916	2.6	1,052.8	4.4	196.9	9.4	1.8	23,567	95.7	1,132.9	4,073
40 - 50	5,337	1.2	65.9	3.1	38.2	65.8	38.1	9,259	1.6	844.0	3.5	255.5	7.0	2.1	14,596	72.9	909.8	3,283
50 - 100	11,889	2.7	218.6	10.3	59.1	235.0	63.5	20,532	3.6	2,896.2	12.1	398.5	26.0	3.6	32,421	244.7	3,131.3	10,637
<b>Subtotal &lt;=100</b>	<b>417,849</b>	<b>96.4</b>	<b>861.4</b>	<b>40.4</b>	<b>5.8</b>	<b>734.0</b>	<b>5.0</b>	<b>543,904</b>	<b>95.6</b>	<b>10,236.3</b>	<b>42.6</b>	<b>52.4</b>	<b>95.9</b>	<b>0.5</b>	<b>961,753</b>	<b>957.3</b>	<b>10,970.3</b>	<b>39,966</b>
100 - 200	7,404	1.7	259.0	12.2	117.8	298.6	135.8	12,584	2.2	3,369.2	14.0	794.0	33.4	7.9	19,988	292.4	3,667.8	10,563
200 - 400	5,073	1.2	304.8	14.3	228.0	397.0	296.9	7,394	1.3	3,529.1	14.7	1,553.8	41.4	18.2	12,467	346.2	3,926.0	8,985
400 - 800	2,273	0.5	227.2	10.7	431.2	351.6	667.2	3,683	0.7	3,262.3	13.6	3,102.1	34.4	32.7	5,956	261.6	3,613.9	4,568
800 - 1,600	629	0.2	132.0	6.2	834.4	219.2	1,385.6	1,309	0.2	2,176.3	9.1	6,052.7	16.4	45.5	1,938	148.3	2,395.5	1,360
1,600 - 3,200	128	0.0	72.8	3.4	1,893.7	79.0	2,054.4	215	0.0	620.3	2.6	11,828.9	7.1	134.8	343	79.9	699.3	130
3,200 - 6,400	76	0.0	98.3	4.6	3,675.4	104.7	3,914.1	52	0.0	420.1	1.8	25,504.4	5.0	304.4	128	103.3	524.8	8
6,400 - 12,800	39	0.0	104.5	4.9	7,681.7	151.7	11,148.8	23	0.0	361.5	1.5	48,361.7	2.5	330.0	62	107.0	513.1	1
> 12,800	15	0.0	71.9	3.4	14,733.6	58.7	12,017.6	3	0.0	63.2	0.3	82,857.5	0.0	5.9	18	71.9	121.9	1
<b>Total</b>	<b>433,486</b>	<b>100.0</b>	<b>2,131.9</b>	<b>100.0</b>	<b>14.0</b>	<b>2,394.3</b>	<b>15.8</b>	<b>569,167</b>	<b>100.0</b>	<b>24,038.3</b>	<b>100.0</b>	<b>118.3</b>	<b>236.1</b>	<b>1.2</b>	<b>1,002,653</b>	<b>2,368.0</b>	<b>26,432.6</b>	<b>65,582</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B14. United States oil and gas well summary statistics, 2013

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	177,494	39.5	20.4	0.8	0.3	7.7	0.1	154,315	27.2	126.4	0.5	2.3	1.2	0.0	331,809	21.7	134.0	2,015
1 - 2	54,556	12.1	26.3	1.1	1.4	11.3	0.6	69,602	12.3	208.2	0.9	8.3	1.8	0.1	124,158	28.1	219.5	1,274
2 - 4	54,286	12.1	50.9	2.1	2.6	26.6	1.4	77,967	13.7	463.2	1.9	16.5	4.5	0.2	132,253	55.4	489.8	2,356
4 - 6	30,095	6.7	47.5	2.0	4.4	30.8	2.9	48,281	8.5	485.9	2.0	27.9	5.1	0.3	78,376	52.6	516.7	2,087
6 - 8	19,199	4.3	42.0	1.7	6.2	30.8	4.5	33,540	5.9	475.4	2.0	39.2	5.0	0.4	52,739	47.0	506.2	2,054
8 - 10	13,920	3.1	39.1	1.6	8.0	29.0	5.9	24,235	4.3	441.4	1.8	50.5	4.8	0.5	38,155	43.9	470.4	1,883
<b>Subtotal &lt;=10</b>	<b>349,550</b>	<b>77.7</b>	<b>226.3</b>	<b>9.3</b>	<b>1.8</b>	<b>136.3</b>	<b>1.1</b>	<b>407,940</b>	<b>71.9</b>	<b>2,200.4</b>	<b>9.2</b>	<b>15.0</b>	<b>22.3</b>	<b>0.2</b>	<b>757,490</b>	<b>248.6</b>	<b>2,336.7</b>	<b>11,669</b>
10 - 12	10,506	2.3	35.8	1.5	9.7	27.4	7.4	18,551	3.3	413.7	1.7	61.8	4.5	0.7	29,057	40.3	441.1	1,746
12 - 15	11,867	2.6	49.5	2.0	11.9	38.3	9.2	20,564	3.6	562.3	2.3	75.7	6.0	0.8	32,431	55.6	600.6	2,439
<b>Subtotal &lt;=15</b>	<b>371,923</b>	<b>82.7</b>	<b>311.6</b>	<b>12.8</b>	<b>2.4</b>	<b>202.0</b>	<b>1.5</b>	<b>447,055</b>	<b>78.8</b>	<b>3,176.4</b>	<b>13.2</b>	<b>19.8</b>	<b>32.9</b>	<b>0.2</b>	<b>818,978</b>	<b>344.4</b>	<b>3,378.3</b>	<b>15,854</b>
15 - 20	13,471	3.0	71.2	2.9	15.2	60.0	12.8	23,459	4.1	830.1	3.5	98.1	8.1	1.0	36,930	79.3	890.1	3,424
20 - 25	9,074	2.0	61.1	2.5	19.6	52.3	16.7	15,471	2.7	706.5	2.9	126.6	6.9	1.2	24,545	68.0	758.8	3,061
25 - 30	6,521	1.5	52.7	2.2	23.7	48.3	21.7	10,998	1.9	613.0	2.6	155.1	6.0	1.5	17,519	58.7	661.3	2,838
30 - 40	9,134	2.0	90.9	3.7	29.7	88.7	29.0	14,503	2.6	1,018.7	4.2	196.0	9.8	1.9	23,637	100.7	1,107.4	4,882
40 - 50	5,825	1.3	73.7	3.0	38.2	74.5	38.6	9,070	1.6	819.9	3.4	252.9	8.3	2.6	14,895	82.0	894.4	4,098
50 - 100	13,717	3.1	259.8	10.7	59.0	309.5	70.2	20,807	3.7	2,913.0	12.1	394.5	32.0	4.3	34,524	291.8	3,222.5	14,347
<b>Subtotal &lt;=100</b>	<b>429,665</b>	<b>95.5</b>	<b>921.0</b>	<b>37.8</b>	<b>6.1</b>	<b>835.3</b>	<b>5.5</b>	<b>541,363</b>	<b>95.4</b>	<b>10,077.5</b>	<b>42.0</b>	<b>51.8</b>	<b>104.0</b>	<b>0.5</b>	<b>971,028</b>	<b>1,025.0</b>	<b>10,912.8</b>	<b>48,504</b>
100 - 200	9,559	2.1	340.3	14.0	116.1	438.4	149.5	13,102	2.3	3,500.7	14.6	779.0	44.7	10.0	22,661	385.1	3,939.1	14,340
200 - 400	6,669	1.5	393.7	16.2	223.2	571.2	323.7	7,748	1.4	3,693.1	15.4	1,520.8	55.8	23.0	14,417	449.5	4,264.2	11,335
400 - 800	3,127	0.7	303.8	12.5	424.8	494.9	692.0	3,591	0.6	3,030.3	12.6	3,003.7	42.7	42.3	6,718	346.5	3,525.2	5,286
800 - 1,600	688	0.2	137.7	5.7	840.4	223.1	1,362.1	1,308	0.2	2,053.8	8.6	6,095.7	18.3	54.2	1,996	155.9	2,276.9	1,471
1,600 - 3,200	127	0.0	74.9	3.1	1,875.8	82.7	2,071.7	278	0.1	746.7	3.1	11,624.5	6.8	105.9	405	81.7	829.4	208
3,200 - 6,400	69	0.0	87.9	3.6	3,760.0	89.2	3,816.1	55	0.0	420.5	1.8	25,635.4	4.0	245.8	124	91.9	509.7	17
6,400 - 12,800	42	0.0	106.2	4.4	7,427.1	131.4	9,184.9	29	0.0	451.7	1.9	46,259.5	3.3	333.1	71	109.5	583.0	2
> 12,800	14	0.0	69.2	2.8	14,121.6	69.7	14,231.4	1	0.0	34.1	0.1	93,288.3	0.0	8.9	15	69.2	103.8	0
<b>Total</b>	<b>449,960</b>	<b>100.0</b>	<b>2,434.8</b>	<b>100.0</b>	<b>15.5</b>	<b>2,935.8</b>	<b>18.7</b>	<b>567,475</b>	<b>100.0</b>	<b>24,008.3</b>	<b>100.0</b>	<b>118.4</b>	<b>279.5</b>	<b>1.4</b>	<b>1,017,435</b>	<b>2,714.3</b>	<b>26,944.1</b>	<b>81,163</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B15. United States oil and gas well summary statistics, 2014

Prod. rate bracket (BOE/day)	Oil wells								Gas wells								Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count		
0 - 1	181,165	38.8	20.6	0.7	0.3	8.1	0.1	162,984	28.3	130.7	0.5	2.3	1.3	0.0	344,149	21.9	138.8	2,364		
1 - 2	55,467	11.9	26.7	0.9	1.4	11.6	0.6	69,941	12.1	208.7	0.8	8.3	1.8	0.1	125,408	28.5	220.3	1,416		
2 - 4	54,889	11.8	51.3	1.8	2.6	27.1	1.4	77,258	13.4	457.7	1.8	16.4	4.5	0.2	132,147	55.8	484.8	2,636		
4 - 6	30,859	6.6	48.4	1.7	4.4	31.7	2.9	48,366	8.4	485.3	1.9	27.8	5.1	0.3	79,225	53.5	517.0	2,370		
6 - 8	19,728	4.2	43.1	1.5	6.2	31.6	4.5	33,180	5.8	469.0	1.9	39.2	5.0	0.4	52,908	48.0	500.6	2,301		
8 - 10	14,448	3.1	40.5	1.4	8.0	30.4	6.0	23,956	4.2	436.4	1.8	50.5	4.7	0.5	38,404	45.2	466.9	2,082		
<b>Subtotal &lt;=10</b>	<b>356,556</b>	<b>76.4</b>	<b>230.5</b>	<b>8.1</b>	<b>1.8</b>	<b>140.4</b>	<b>1.1</b>	<b>415,685</b>	<b>72.2</b>	<b>2,187.8</b>	<b>8.8</b>	<b>14.7</b>	<b>22.4</b>	<b>0.2</b>	<b>772,241</b>	<b>252.9</b>	<b>2,328.2</b>	<b>13,169</b>		
10 - 12	10,800	2.3	36.7	1.3	9.7	28.4	7.5	18,073	3.1	403.0	1.6	61.8	4.4	0.7	28,873	41.0	431.4	2,066		
12 - 15	12,112	2.6	50.3	1.8	11.8	40.6	9.5	19,992	3.5	547.5	2.2	75.8	5.7	0.8	32,104	55.9	588.1	2,686		
<b>Subtotal &lt;=15</b>	<b>379,468</b>	<b>81.3</b>	<b>317.4</b>	<b>11.1</b>	<b>2.4</b>	<b>209.4</b>	<b>1.6</b>	<b>453,750</b>	<b>78.8</b>	<b>3,138.3</b>	<b>12.6</b>	<b>19.3</b>	<b>32.4</b>	<b>0.2</b>	<b>833,218</b>	<b>349.9</b>	<b>3,347.7</b>	<b>17,921</b>		
15 - 20	13,879	3.0	73.7	2.6	15.2	62.4	12.9	23,220	4.0	818.7	3.3	97.9	8.4	1.0	37,099	82.1	881.1	4,166		
20 - 25	9,568	2.1	64.4	2.3	19.5	57.5	17.4	15,506	2.7	703.4	2.8	126.1	7.3	1.3	25,074	71.7	760.9	3,858		
25 - 30	7,068	1.5	57.3	2.0	23.7	53.6	22.1	10,838	1.9	602.1	2.4	154.6	6.2	1.6	17,906	63.5	655.7	3,489		
30 - 40	9,450	2.0	94.4	3.3	29.5	98.7	30.8	14,490	2.5	1,012.0	4.1	194.8	11.1	2.1	23,940	105.5	1,110.7	6,216		
40 - 50	6,321	1.4	80.6	2.8	38.1	84.4	39.9	9,370	1.6	840.0	3.4	250.7	9.8	2.9	15,691	90.4	924.4	5,349		
50 - 100	15,906	3.4	306.2	10.7	58.3	392.6	74.8	21,835	3.8	3,053.2	12.2	393.2	40.6	5.2	37,741	346.8	3,445.8	18,544		
<b>Subtotal &lt;=100</b>	<b>441,660</b>	<b>94.6</b>	<b>994.0</b>	<b>34.9</b>	<b>6.4</b>	<b>958.6</b>	<b>6.2</b>	<b>549,009</b>	<b>95.3</b>	<b>10,167.7</b>	<b>40.7</b>	<b>51.6</b>	<b>115.8</b>	<b>0.6</b>	<b>990,669</b>	<b>1,109.8</b>	<b>11,126.3</b>	<b>59,543</b>		
100 - 200	11,362	2.4	408.4	14.3	114.6	567.3	159.1	13,701	2.4	3,596.8	14.4	761.0	57.6	12.2	25,063	466.1	4,164.1	17,448		
200 - 400	8,284	1.8	493.0	17.3	221.7	760.1	341.9	7,242	1.3	3,446.4	13.8	1,496.6	63.6	27.6	15,526	556.6	4,206.5	12,550		
400 - 800	4,268	0.9	392.5	13.8	421.0	662.0	710.1	4,072	0.7	3,442.2	13.8	2,997.6	57.5	50.1	8,340	450.0	4,104.2	6,959		
800 - 1,600	936	0.2	165.9	5.8	820.5	272.3	1,346.9	1,556	0.3	2,430.9	9.7	6,115.1	24.1	60.7	2,492	190.0	2,703.2	2,001		
1,600 - 3,200	172	0.0	84.8	3.0	1,870.9	97.3	2,145.5	326	0.1	895.4	3.6	11,619.2	5.8	74.7	498	90.6	992.6	298		
3,200 - 6,400	67	0.0	84.6	3.0	3,814.2	92.2	4,155.6	72	0.0	532.4	2.1	25,879.6	4.1	197.6	139	88.7	624.6	30		
6,400 - 12,800	54	0.0	131.2	4.6	7,468.2	154.3	8,784.1	27	0.0	392.1	1.6	48,260.7	5.0	618.9	81	136.2	546.4	5		
> 12,800	21	0.0	96.7	3.4	15,429.6	111.1	17,728.4	2	0.0	59.8	0.2	81,979.4	0.0	5.8	23	96.7	171.0	0		
<b>Total</b>	<b>466,824</b>	<b>100.0</b>	<b>2,851.1</b>	<b>100.0</b>	<b>17.6</b>	<b>3,675.1</b>	<b>22.7</b>	<b>576,007</b>	<b>100.0</b>	<b>24,963.7</b>	<b>100.0</b>	<b>121.3</b>	<b>333.6</b>	<b>1.6</b>	<b>1,042,831</b>	<b>3,184.7</b>	<b>28,638.8</b>	<b>98,834</b>		

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B16. United States oil and gas well summary statistics, 2015

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	182,701	39.4	20.3	0.7	0.3	7.7	0.1	166,411	29.1	129.6	0.5	2.2	1.3	0.0	349,112	21.6	137.3	2,656
1 - 2	53,820	11.6	25.7	0.8	1.4	10.8	0.6	68,381	12.0	202.4	0.8	8.3	1.7	0.1	122,201	27.4	213.1	1,643
2 - 4	53,135	11.5	49.5	1.6	2.6	26.7	1.4	75,952	13.3	447.2	1.7	16.4	4.5	0.2	129,087	54.0	473.9	2,916
4 - 6	30,068	6.5	47.0	1.5	4.4	32.0	3.0	46,650	8.2	465.9	1.8	27.8	5.1	0.3	76,718	52.0	497.9	2,617
6 - 8	19,675	4.3	42.9	1.4	6.2	32.0	4.6	32,098	5.6	453.1	1.8	39.1	4.9	0.4	51,773	47.8	485.2	2,538
8 - 10	13,859	3.0	39.0	1.3	7.9	30.5	6.2	23,316	4.1	424.7	1.7	50.5	4.5	0.5	37,175	43.5	455.2	2,423
<b>Subtotal &lt;=10</b>	<b>353,258</b>	<b>76.3</b>	<b>224.5</b>	<b>7.3</b>	<b>1.8</b>	<b>139.7</b>	<b>1.1</b>	<b>412,808</b>	<b>72.2</b>	<b>2,122.9</b>	<b>8.3</b>	<b>14.4</b>	<b>21.9</b>	<b>0.1</b>	<b>766,066</b>	<b>246.3</b>	<b>2,262.7</b>	<b>14,793</b>
10 - 12	10,651	2.3	36.5	1.2	9.7	28.7	7.6	17,775	3.1	395.6	1.5	61.7	4.4	0.7	28,426	40.9	424.3	2,202
12 - 15	12,192	2.6	51.0	1.7	11.8	42.2	9.8	20,310	3.6	553.3	2.2	75.7	5.9	0.8	32,502	56.9	595.4	3,097
<b>Subtotal &lt;=15</b>	<b>376,101</b>	<b>81.2</b>	<b>312.0</b>	<b>10.2</b>	<b>2.4</b>	<b>210.6</b>	<b>1.6</b>	<b>450,893</b>	<b>78.9</b>	<b>3,071.8</b>	<b>12.0</b>	<b>19.1</b>	<b>32.1</b>	<b>0.2</b>	<b>826,994</b>	<b>344.1</b>	<b>3,282.4</b>	<b>20,092</b>
15 - 20	13,859	3.0	74.1	2.4	15.1	65.5	13.4	22,780	4.0	802.1	3.1	97.6	8.6	1.0	36,639	82.7	867.5	4,982
20 - 25	9,375	2.0	63.7	2.1	19.2	62.0	18.7	15,087	2.6	684.5	2.7	125.7	7.6	1.4	24,462	71.3	746.5	4,646
25 - 30	6,690	1.4	55.5	1.8	23.5	55.3	23.4	10,657	1.9	589.4	2.3	153.6	6.7	1.8	17,347	62.3	644.8	4,215
30 - 40	9,248	2.0	95.3	3.1	29.3	104.2	32.1	14,086	2.5	980.9	3.8	193.3	12.2	2.4	23,334	107.6	1,085.0	7,436
40 - 50	6,457	1.4	84.6	2.8	37.3	100.9	44.5	9,228	1.6	828.1	3.2	249.2	10.9	3.3	15,685	95.4	929.0	6,664
50 - 100	16,445	3.6	330.8	10.8	57.6	450.8	78.5	22,672	4.0	3,174.4	12.4	389.8	47.5	5.8	39,117	378.3	3,625.2	22,735
<b>Subtotal &lt;=100</b>	<b>438,175</b>	<b>94.6</b>	<b>1,016.1</b>	<b>33.2</b>	<b>6.6</b>	<b>1,049.3</b>	<b>6.8</b>	<b>545,403</b>	<b>95.4</b>	<b>10,131.2</b>	<b>39.4</b>	<b>52.0</b>	<b>125.6</b>	<b>0.6</b>	<b>983,578</b>	<b>1,141.7</b>	<b>11,180.4</b>	<b>70,770</b>
100 - 200	11,715	2.5	447.9	14.7	112.3	667.6	167.4	13,145	2.3	3,458.8	13.5	746.7	65.4	14.1	24,860	513.3	4,126.5	18,663
200 - 400	7,771	1.7	515.5	16.9	218.0	868.5	367.3	6,784	1.2	3,368.4	13.1	1,484.6	70.9	31.2	14,555	586.4	4,236.9	11,907
400 - 800	4,226	0.9	443.5	14.5	410.5	845.1	782.1	3,984	0.7	3,622.8	14.1	2,997.6	68.4	56.6	8,210	511.9	4,467.8	6,924
800 - 1,600	1,099	0.2	196.7	6.4	793.0	360.7	1,454.1	1,856	0.3	3,095.0	12.1	6,120.5	27.4	54.2	2,955	224.1	3,455.7	2,463
1,600 - 3,200	156	0.0	76.2	2.5	1,824.6	84.2	2,015.4	355	0.1	1,060.1	4.1	11,684.4	6.2	68.2	511	82.4	1,144.3	339
3,200 - 6,400	66	0.0	74.7	2.4	3,672.8	91.2	4,485.1	62	0.0	498.5	1.9	25,239.1	4.4	221.4	128	79.0	589.7	18
6,400 - 12,800	70	0.0	163.2	5.3	7,396.2	192.1	8,704.9	21	0.0	376.5	1.5	50,094.6	2.1	285.3	91	165.3	568.6	0
> 12,800	27	0.0	124.6	4.1	13,742.4	155.6	17,158.5	2	0.0	79.4	0.3	136,666.4	0.6	972.8	29	125.2	235.0	0
<b>Total</b>	<b>463,305</b>	<b>100.0</b>	<b>3,058.5</b>	<b>100.0</b>	<b>18.9</b>	<b>4,314.2</b>	<b>26.7</b>	<b>571,612</b>	<b>100.0</b>	<b>25,690.6</b>	<b>100.0</b>	<b>126.1</b>	<b>370.9</b>	<b>1.8</b>	<b>1,034,917</b>	<b>3,429.4</b>	<b>30,004.9</b>	<b>111,084</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B17. United States oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	176,507	39.6	18.8	0.7	0.3	7.0	0.1	169,811	30.1	125.8	0.5	2.2	1.1	0.0	346,318	19.9	132.8	2,948
1 - 2	51,431	11.5	23.6	0.8	1.4	9.9	0.6	65,006	11.5	188.0	0.7	8.3	1.5	0.1	116,437	25.0	197.9	1,731
2 - 4	51,517	11.6	46.9	1.6	2.6	25.5	1.4	71,606	12.7	408.1	1.6	16.5	3.9	0.2	123,123	50.8	433.6	2,962
4 - 6	28,999	6.5	44.2	1.6	4.4	31.2	3.1	44,800	7.9	430.1	1.7	27.7	4.7	0.3	73,799	48.9	461.3	2,811
6 - 8	18,578	4.2	39.9	1.4	6.2	30.7	4.7	30,823	5.5	414.9	1.6	39.0	4.7	0.4	49,401	44.6	445.6	2,718
8 - 10	13,469	3.0	37.1	1.3	7.9	30.9	6.5	22,411	4.0	386.8	1.5	50.2	4.4	0.6	35,880	41.6	417.7	2,561
<b>Subtotal &lt;=10</b>	<b>340,501</b>	<b>76.4</b>	<b>210.5</b>	<b>7.4</b>	<b>1.8</b>	<b>135.3</b>	<b>1.2</b>	<b>404,457</b>	<b>71.6</b>	<b>1,953.7</b>	<b>7.6</b>	<b>14.1</b>	<b>20.3</b>	<b>0.1</b>	<b>744,958</b>	<b>230.8</b>	<b>2,089.0</b>	<b>15,731</b>
10 - 12	10,092	2.3	34.0	1.2	9.6	28.8	8.2	17,247	3.1	363.6	1.4	61.4	4.3	0.7	27,339	38.2	392.5	2,360
12 - 15	11,793	2.7	48.4	1.7	11.7	42.1	10.2	19,706	3.5	510.2	2.0	75.4	5.8	0.9	31,499	54.2	552.3	3,495
<b>Subtotal &lt;=15</b>	<b>362,386</b>	<b>81.3</b>	<b>292.9</b>	<b>10.3</b>	<b>2.4</b>	<b>206.2</b>	<b>1.7</b>	<b>441,410</b>	<b>78.2</b>	<b>2,827.5</b>	<b>11.1</b>	<b>18.7</b>	<b>30.4</b>	<b>0.2</b>	<b>803,796</b>	<b>323.3</b>	<b>3,033.7</b>	<b>21,586</b>
15 - 20	13,333	3.0	70.2	2.5	15.0	63.6	13.6	22,580	4.0	747.6	2.9	97.1	8.7	1.1	35,913	78.9	811.2	5,519
20 - 25	9,194	2.1	61.6	2.2	19.2	60.6	18.9	15,256	2.7	648.9	2.5	125.0	7.8	1.5	24,450	69.4	709.6	5,323
25 - 30	6,600	1.5	53.7	1.9	23.3	57.5	24.9	10,858	1.9	561.9	2.2	152.6	7.2	1.9	17,458	60.8	619.4	4,852
30 - 40	9,480	2.1	95.8	3.4	29.0	112.3	34.0	14,717	2.6	956.6	3.7	192.8	12.4	2.5	24,197	108.2	1,068.9	9,088
40 - 50	6,618	1.5	84.9	3.0	36.8	110.9	48.0	9,876	1.8	825.8	3.2	247.0	11.8	3.5	16,494	96.7	936.7	7,970
50 - 100	16,963	3.8	337.3	11.8	57.2	488.5	82.9	24,036	4.3	3,135.8	12.3	382.8	52.1	6.4	40,999	389.4	3,624.2	25,841
<b>Subtotal &lt;=100</b>	<b>424,574</b>	<b>95.3</b>	<b>996.3</b>	<b>34.9</b>	<b>7.0</b>	<b>1,099.5</b>	<b>7.7</b>	<b>538,733</b>	<b>95.4</b>	<b>9,704.2</b>	<b>38.0</b>	<b>52.6</b>	<b>130.4</b>	<b>0.7</b>	<b>963,307</b>	<b>1,126.7</b>	<b>10,803.7</b>	<b>80,179</b>
100 - 200	10,309	2.3	386.3	13.5	109.1	623.7	176.1	12,779	2.3	3,164.7	12.4	735.2	69.0	16.0	23,088	455.3	3,788.4	17,323
200 - 400	5,757	1.3	387.4	13.6	213.4	704.7	388.2	6,936	1.2	3,402.2	13.3	1,487.5	72.6	31.7	12,693	460.0	4,106.9	10,146
400 - 800	3,560	0.8	395.1	13.8	413.4	765.4	800.7	4,003	0.7	3,871.1	15.1	3,021.6	58.0	45.3	7,563	453.2	4,636.4	6,427
800 - 1,600	1,088	0.2	197.4	6.9	799.6	363.8	1,473.8	1,688	0.3	3,096.6	12.1	6,260.7	25.5	51.5	2,776	222.8	3,460.5	2,310
1,600 - 3,200	205	0.1	85.7	3.0	1,816.5	103.1	2,185.7	518	0.1	1,393.4	5.5	12,159.3	6.3	55.1	723	92.0	1,496.5	562
3,200 - 6,400	80	0.0	102.2	3.6	3,937.3	114.9	4,425.5	78	0.0	451.6	1.8	24,637.6	4.4	240.0	158	106.6	566.4	45
6,400 - 12,800	74	0.0	184.1	6.5	7,778.7	210.9	8,907.9	29	0.0	380.0	1.5	47,923.8	2.9	368.2	103	187.1	590.9	8
> 12,800	27	0.0	119.8	4.2	13,352.4	132.1	14,728.7	3	0.0	108.2	0.4	141,859.0	0.7	861.4	30	120.4	240.4	1
<b>Total</b>	<b>445,674</b>	<b>100.0</b>	<b>2,854.4</b>	<b>100.0</b>	<b>19.0</b>	<b>4,118.1</b>	<b>27.4</b>	<b>564,767</b>	<b>100.0</b>	<b>25,572.1</b>	<b>100.0</b>	<b>132.5</b>	<b>369.7</b>	<b>1.9</b>	<b>1,010,441</b>	<b>3,224.2</b>	<b>29,690.1</b>	<b>117,001</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B18. Alaska oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	10	0.5	0.0	0.0	0.3	0.0	0.0	17	5.0	0.0	0.0	2.2	0.0	0.0	27	0.0	0.0	0
1 - 2	6	0.3	0.0	0.0	1.2	0.0	2.3	3	0.9	0.0	0.0	10.9	0.0	0.0	9	0.0	0.0	0
2 - 4	10	0.5	0.0	0.0	2.8	0.0	2.5	9	2.7	0.0	0.0	17.4	0.0	0.4	19	0.0	0.0	0
4 - 6	11	0.5	0.0	0.0	4.0	0.0	5.9	7	2.1	0.1	0.0	27.4	0.0	0.3	18	0.0	0.1	1
6 - 8	12	0.6	0.0	0.0	5.8	0.0	6.6	3	0.9	0.0	0.0	39.7	0.0	0.5	15	0.0	0.1	0
8 - 10	11	0.5	0.0	0.0	7.4	0.0	7.0	2	0.6	0.0	0.0	49.6	0.0	0.0	13	0.0	0.0	0
<b>Subtotal &lt;=10</b>	<b>60</b>	<b>2.9</b>	<b>0.1</b>	<b>0.0</b>	<b>4.3</b>	<b>0.1</b>	<b>4.8</b>	<b>41</b>	<b>12.1</b>	<b>0.2</b>	<b>0.1</b>	<b>16.4</b>	<b>0.0</b>	<b>0.2</b>	<b>101</b>	<b>0.1</b>	<b>0.3</b>	<b>1</b>
10 - 12	16	0.8	0.1	0.0	10.0	0.0	7.1	0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.1	0.0	0
12 - 15	21	1.0	0.1	0.0	10.8	0.1	15.0	7	2.1	0.2	0.0	77.7	0.0	0.7	28	0.1	0.2	0
<b>Subtotal &lt;=15</b>	<b>97</b>	<b>4.6</b>	<b>0.2</b>	<b>0.1</b>	<b>6.8</b>	<b>0.2</b>	<b>7.4</b>	<b>48</b>	<b>14.2</b>	<b>0.3</b>	<b>0.1</b>	<b>25.5</b>	<b>0.0</b>	<b>0.3</b>	<b>145</b>	<b>0.2</b>	<b>0.5</b>	<b>1</b>
15 - 20	29	1.4	0.1	0.1	14.8	0.1	14.6	8	2.4	0.2	0.1	90.6	0.0	2.3	37	0.2	0.4	0
20 - 25	21	1.0	0.1	0.1	20.5	0.1	13.2	6	1.8	0.2	0.1	116.7	0.0	2.8	27	0.1	0.3	0
25 - 30	28	1.3	0.2	0.1	24.3	0.2	20.9	7	2.1	0.2	0.1	127.5	0.0	5.3	35	0.2	0.4	0
30 - 40	52	2.5	0.5	0.3	30.7	0.4	21.4	18	5.3	1.2	0.3	206.7	0.0	1.4	70	0.5	1.6	0
40 - 50	67	3.2	0.9	0.5	40.5	0.6	27.1	8	2.4	0.7	0.2	243.1	0.0	2.7	75	0.9	1.3	0
50 - 100	312	14.9	7.3	4.3	71.0	3.5	34.4	46	13.6	6.2	1.7	415.3	0.1	4.3	358	7.4	9.7	4
<b>Subtotal &lt;=100</b>	<b>606</b>	<b>29.0</b>	<b>9.4</b>	<b>5.5</b>	<b>48.6</b>	<b>5.1</b>	<b>26.4</b>	<b>141</b>	<b>41.6</b>	<b>9.1</b>	<b>2.5</b>	<b>210.8</b>	<b>0.1</b>	<b>2.4</b>	<b>747</b>	<b>9.5</b>	<b>14.2</b>	<b>5</b>
100 - 200	506	24.2	22.8	13.2	131.3	13.7	78.8	47	13.9	13.3	3.6	826.6	0.1	6.6	553	22.9	26.9	1
200 - 400	491	23.5	41.3	24.0	247.2	40.0	239.5	66	19.5	32.9	8.9	1,476.1	0.7	32.2	557	42.0	73.0	2
400 - 800	342	16.4	50.9	29.6	435.6	87.6	749.2	36	10.6	33.4	9.0	2,694.4	1.2	99.0	378	52.2	121.0	5
800 - 1,600	127	6.1	33.9	19.7	798.8	63.9	1,504.6	23	6.8	47.1	12.7	5,786.7	1.1	135.0	150	35.0	111.1	1
1,600 - 3,200	19	0.9	10.3	6.0	1,938.8	10.0	1,891.0	10	3.0	33.2	9.0	10,581.3	1.4	448.0	29	11.7	43.3	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	7	2.1	60.5	16.4	28,769.6	0.6	277.7	7	0.6	60.5	0
6,400 - 12,800	1	0.1	3.4	2.0	9,374.6	1.5	4,143.7	9	2.7	140.5	38.0	44,286.3	1.8	569.1	10	5.2	142.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>2,092</b>	<b>100.0</b>	<b>172.1</b>	<b>100.0</b>	<b>246.1</b>	<b>221.9</b>	<b>317.3</b>	<b>339</b>	<b>100.0</b>	<b>370.1</b>	<b>100.0</b>	<b>3,351.9</b>	<b>7.1</b>	<b>63.9</b>	<b>2,431</b>	<b>179.2</b>	<b>592.0</b>	<b>14</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B19. Alabama oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	43	7.8	0.0	0.1	0.3	0.0	0.1	497	8.3	0.4	0.3	3.0	0.0	0.0	540	0.0	0.4	2
1 - 2	28	5.1	0.0	0.2	1.5	0.0	0.9	635	10.6	2.1	1.4	9.3	0.0	0.0	663	0.0	2.1	0
2 - 4	60	10.8	0.0	0.7	2.9	0.0	0.5	1,526	25.5	9.9	6.4	17.9	0.0	0.0	1,586	0.0	9.9	0
4 - 6	62	11.2	0.1	1.3	4.8	0.0	0.9	1,284	21.5	13.8	8.8	29.5	0.0	0.0	1,346	0.1	13.8	0
6 - 8	40	7.2	0.1	1.3	6.9	0.0	1.1	835	14.0	12.6	8.1	41.4	0.0	0.0	875	0.1	12.6	3
8 - 10	29	5.2	0.1	1.3	8.8	0.0	1.8	507	8.5	9.9	6.3	53.3	0.0	0.0	536	0.1	9.9	0
<b>Subtotal &lt;=10</b>	<b>262</b>	<b>47.3</b>	<b>0.3</b>	<b>4.7</b>	<b>4.2</b>	<b>0.1</b>	<b>0.8</b>	<b>5,284</b>	<b>88.4</b>	<b>48.7</b>	<b>31.2</b>	<b>25.9</b>	<b>0.0</b>	<b>0.0</b>	<b>5,546</b>	<b>0.3</b>	<b>48.7</b>	<b>5</b>
10 - 12	21	3.8	0.1	1.1	10.3	0.0	5.4	265	4.4	6.3	4.0	65.0	0.0	0.0	286	0.1	6.3	2
12 - 15	26	4.7	0.1	1.6	12.9	0.0	2.8	204	3.4	5.8	3.7	78.4	0.0	0.0	230	0.1	5.9	1
<b>Subtotal &lt;=15</b>	<b>309</b>	<b>55.8</b>	<b>0.5</b>	<b>7.4</b>	<b>5.4</b>	<b>0.1</b>	<b>1.3</b>	<b>5,753</b>	<b>96.2</b>	<b>60.8</b>	<b>39.0</b>	<b>29.6</b>	<b>0.0</b>	<b>0.0</b>	<b>6,062</b>	<b>0.5</b>	<b>60.9</b>	<b>8</b>
15 - 20	31	5.6	0.2	2.2	16.0	0.1	7.8	96	1.6	3.4	2.2	100.5	0.0	0.1	127	0.2	3.5	2
20 - 25	33	6.0	0.2	3.4	20.2	0.1	12.0	25	0.4	1.1	0.7	130.2	0.0	0.1	58	0.2	1.3	4
25 - 30	24	4.3	0.2	3.0	24.4	0.2	21.0	9	0.2	0.5	0.3	156.8	0.0	0.8	33	0.2	0.7	0
30 - 40	26	4.7	0.3	3.6	31.7	0.2	22.1	9	0.2	0.6	0.4	183.2	0.0	2.2	35	0.3	0.8	1
40 - 50	17	3.1	0.2	2.8	39.8	0.1	28.1	6	0.1	0.6	0.4	257.4	0.0	3.1	23	0.2	0.7	1
50 - 100	50	9.0	1.0	14.0	57.5	1.4	80.0	21	0.4	1.7	1.1	339.6	0.1	13.3	71	1.0	3.0	3
<b>Subtotal &lt;=100</b>	<b>490</b>	<b>88.5</b>	<b>2.5</b>	<b>36.5</b>	<b>16.4</b>	<b>2.2</b>	<b>14.1</b>	<b>5,919</b>	<b>99.0</b>	<b>68.7</b>	<b>44.1</b>	<b>32.6</b>	<b>0.1</b>	<b>0.0</b>	<b>6,409</b>	<b>2.6</b>	<b>70.9</b>	<b>19</b>
100 - 200	33	6.0	1.4	19.4	118.5	1.7	144.9	15	0.3	2.6	1.7	646.2	0.1	27.8	48	1.5	4.3	2
200 - 400	22	4.0	1.6	23.3	208.7	2.9	373.0	13	0.2	5.6	3.6	1,396.7	0.3	69.1	35	1.9	8.5	1
400 - 800	8	1.4	1.0	13.9	372.1	1.5	593.4	13	0.2	13.3	8.5	2,787.0	0.4	79.9	21	1.3	14.8	1
800 - 1,600	1	0.2	0.5	7.0	1,319.7	0.6	1,661.6	14	0.2	36.4	23.4	7,110.8	0.3	54.2	15	0.8	37.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.1	21.7	13.9	11,873.2	0.0	3.9	5	0.0	21.7	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	7.6	4.9	20,696.9	0.0	8.7	1	0.0	7.6	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>554</b>	<b>100.0</b>	<b>7.0</b>	<b>100.0</b>	<b>39.4</b>	<b>8.9</b>	<b>50.2</b>	<b>5,980</b>	<b>100.0</b>	<b>155.9</b>	<b>100.0</b>	<b>73.3</b>	<b>1.2</b>	<b>0.5</b>	<b>6,534</b>	<b>8.1</b>	<b>164.8</b>	<b>23</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B20. Arkansas oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	378	20.2	0.1	1.1	0.5	0.0	0.0	363	3.7	0.4	0.1	3.5	0.0	0.0	741	0.1	0.4	22
1 - 2	279	14.9	0.1	2.5	1.5	0.0	0.0	443	4.5	1.4	0.2	9.1	0.0	0.0	722	0.1	1.4	14
2 - 4	353	18.8	0.4	6.6	2.9	0.0	0.1	884	9.0	5.6	0.7	17.9	0.0	0.0	1,237	0.4	5.6	36
4 - 6	256	13.7	0.4	8.2	4.8	0.0	0.4	726	7.4	7.7	0.9	29.5	0.0	0.0	982	0.4	7.7	32
6 - 8	143	7.6	0.4	6.7	6.9	0.0	0.8	508	5.2	7.5	0.9	41.7	0.0	0.0	651	0.4	7.6	60
8 - 10	104	5.6	0.3	5.9	8.5	0.1	2.2	382	3.9	7.2	0.9	53.4	0.0	0.1	486	0.3	7.3	64
<b>Subtotal &lt;=10</b>	<b>1,513</b>	<b>80.7</b>	<b>1.6</b>	<b>31.0</b>	<b>3.2</b>	<b>0.2</b>	<b>0.3</b>	<b>3,306</b>	<b>33.8</b>	<b>29.9</b>	<b>3.6</b>	<b>25.7</b>	<b>0.0</b>	<b>0.0</b>	<b>4,819</b>	<b>1.7</b>	<b>30.0</b>	<b>228</b>
10 - 12	69	3.7	0.3	4.9	10.4	0.1	3.4	320	3.3	7.4	0.9	65.2	0.0	0.1	389	0.3	7.5	61
12 - 15	63	3.4	0.3	5.5	12.6	0.1	5.9	389	4.0	11.2	1.4	79.7	0.0	0.1	452	0.3	11.3	139
<b>Subtotal &lt;=15</b>	<b>1,645</b>	<b>87.8</b>	<b>2.2</b>	<b>41.3</b>	<b>3.9</b>	<b>0.4</b>	<b>0.7</b>	<b>4,015</b>	<b>41.0</b>	<b>48.5</b>	<b>5.9</b>	<b>34.2</b>	<b>0.1</b>	<b>0.0</b>	<b>5,660</b>	<b>2.2</b>	<b>48.9</b>	<b>428</b>
15 - 20	79	4.2	0.4	8.4	15.6	0.3	10.4	565	5.8	21.0	2.6	103.0	0.0	0.2	644	0.5	21.3	297
20 - 25	50	2.7	0.3	6.4	19.5	0.3	15.0	473	4.8	22.9	2.8	133.7	0.0	0.2	523	0.4	23.1	343
25 - 30	30	1.6	0.3	4.9	23.6	0.3	24.3	434	4.4	25.6	3.1	163.4	0.0	0.3	464	0.3	25.9	341
30 - 40	23	1.2	0.3	4.7	29.9	0.2	22.0	773	7.9	58.9	7.2	210.1	0.0	0.1	796	0.3	59.1	713
40 - 50	13	0.7	0.2	3.3	37.3	0.2	38.7	642	6.6	62.8	7.7	269.1	0.0	0.0	655	0.2	63.0	615
50 - 100	22	1.2	0.5	9.4	61.9	0.1	10.9	2,049	20.9	321.6	39.3	430.2	0.0	0.0	2,071	0.5	321.7	2,008
<b>Subtotal &lt;=100</b>	<b>1,862</b>	<b>99.4</b>	<b>4.2</b>	<b>78.4</b>	<b>6.6</b>	<b>1.7</b>	<b>2.6</b>	<b>8,951</b>	<b>91.4</b>	<b>561.2</b>	<b>68.5</b>	<b>174.9</b>	<b>0.2</b>	<b>0.1</b>	<b>10,813</b>	<b>4.4</b>	<b>562.8</b>	<b>4,745</b>
100 - 200	6	0.3	0.3	5.9	141.7	0.0	20.9	743	7.6	207.6	25.3	765.6	0.0	0.0	749	0.3	207.6	738
200 - 400	2	0.1	0.2	2.9	210.6	0.2	299.3	88	0.9	41.8	5.1	1,539.1	0.0	0.0	90	0.2	42.1	88
400 - 800	3	0.2	0.4	7.4	495.2	0.5	590.2	14	0.1	8.5	1.0	2,782.4	0.0	0.0	17	0.4	9.0	14
800 - 1,600	1	0.1	0.3	5.5	795.5	1.7	4,715.2	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.3	1.7	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>1,874</b>	<b>100.0</b>	<b>5.3</b>	<b>100.0</b>	<b>8.3</b>	<b>4.1</b>	<b>6.5</b>	<b>9,796</b>	<b>100.0</b>	<b>819.1</b>	<b>100.0</b>	<b>233.3</b>	<b>0.2</b>	<b>0.1</b>	<b>11,670</b>	<b>5.6</b>	<b>823.2</b>	<b>5,585</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B21. Arizona oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells				Gas wells				Total wells				Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)				Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells
0 - 1	8	61.5	0.0	20.4	0.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0
1 - 2	1	7.7	0.0	1.9	1.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
2 - 4	1	7.7	0.0	5.9	2.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
4 - 6	2	15.4	0.0	29.0	4.7	0.0	0.0	1	33.3	0.0	22.8	33.4	0.0	0.0	3	0.0	0.0	0
6 - 8	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
8 - 10	1	7.7	0.0	42.9	8.7	0.0	0.0	1	33.3	0.0	34.0	49.8	0.0	0.0	2	0.0	0.0	0
<b>Subtotal &lt;=10</b>	<b>13</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>2</b>	<b>66.7</b>	<b>0.0</b>	<b>56.8</b>	<b>41.6</b>	<b>0.0</b>	<b>0.0</b>	<b>15</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	1	33.3	0.0	43.2	63.3	0.0	0.0	1	0.0	0.0	0
12 - 15	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Subtotal &lt;=15</b>	<b>13</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3</b>	<b>100.0</b>	<b>0.1</b>	<b>100.0</b>	<b>48.8</b>	<b>0.0</b>	<b>0.0</b>	<b>16</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>
15 - 20	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Subtotal &lt;=100</b>	<b>13</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3</b>	<b>100.0</b>	<b>0.1</b>	<b>100.0</b>	<b>48.8</b>	<b>0.0</b>	<b>0.0</b>	<b>16</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>13</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3</b>	<b>100.0</b>	<b>0.1</b>	<b>100.0</b>	<b>48.8</b>	<b>0.0</b>	<b>0.0</b>	<b>16</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B22. California oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	6,452	13.2	0.9	0.5	0.5	0.1	0.1	506	12.7	0.3	0.2	1.9	0.0	0.0	6,958	0.9	0.4	77
1 - 2	5,386	11.0	2.6	1.4	1.4	0.5	0.3	238	6.0	0.6	0.4	8.0	0.0	0.2	5,624	2.6	1.1	66
2 - 4	7,716	15.8	7.5	4.1	2.8	1.9	0.7	415	10.4	2.1	1.4	15.4	0.1	0.4	8,131	7.6	3.9	166
4 - 6	5,547	11.4	9.1	5.0	4.7	2.7	1.4	352	8.8	3.1	2.2	26.0	0.1	0.6	5,899	9.2	5.9	151
6 - 8	4,194	8.6	9.7	5.3	6.6	3.2	2.2	273	6.9	3.3	2.3	35.2	0.1	1.0	4,467	9.8	6.4	119
8 - 10	3,143	6.4	9.4	5.2	8.5	3.2	2.9	257	6.5	4.0	2.8	45.9	0.1	1.3	3,400	9.5	7.2	100
<b>Subtotal &lt;=10</b>	<b>32,438</b>	<b>66.4</b>	<b>39.1</b>	<b>21.6</b>	<b>3.6</b>	<b>11.6</b>	<b>1.1</b>	<b>2,041</b>	<b>51.2</b>	<b>13.4</b>	<b>9.3</b>	<b>20.4</b>	<b>0.4</b>	<b>0.5</b>	<b>34,479</b>	<b>39.5</b>	<b>25.0</b>	<b>679</b>
10 - 12	2,533	5.2	9.3	5.1	10.4	3.1	3.4	182	4.6	3.5	2.5	55.5	0.1	1.7	2,715	9.4	6.6	99
12 - 15	2,897	5.9	13.0	7.2	12.8	4.4	4.3	235	5.9	5.7	4.0	68.8	0.2	2.0	3,132	13.2	10.1	129
<b>Subtotal &lt;=15</b>	<b>37,868</b>	<b>77.5</b>	<b>61.4</b>	<b>33.8</b>	<b>4.8</b>	<b>19.0</b>	<b>1.5</b>	<b>2,458</b>	<b>61.7</b>	<b>22.7</b>	<b>15.7</b>	<b>28.2</b>	<b>0.6</b>	<b>0.8</b>	<b>40,326</b>	<b>62.0</b>	<b>41.7</b>	<b>907</b>
15 - 20	3,318	6.8	19.1	10.5	16.4	5.8	5.0	298	7.5	9.2	6.4	87.9	0.3	2.8	3,616	19.4	15.0	173
20 - 25	2,117	4.3	15.7	8.6	21.2	4.8	6.5	194	4.9	7.8	5.4	112.2	0.3	3.7	2,311	16.0	12.6	122
25 - 30	1,367	2.8	12.3	6.8	25.9	4.1	8.6	175	4.4	8.5	5.9	139.9	0.2	4.0	1,542	12.6	12.6	84
30 - 40	1,633	3.3	18.4	10.1	32.7	5.6	9.9	242	6.1	15.0	10.4	174.2	0.5	5.9	1,875	18.9	20.6	127
40 - 50	914	1.9	13.3	7.3	42.5	3.9	12.5	145	3.6	11.7	8.1	225.1	0.4	7.2	1,059	13.7	15.6	98
50 - 100	1,280	2.6	26.5	14.6	63.8	7.6	18.2	362	9.1	44.1	30.6	342.4	1.5	11.4	1,642	28.0	51.7	134
<b>Subtotal &lt;=100</b>	<b>48,497</b>	<b>99.3</b>	<b>166.8</b>	<b>91.8</b>	<b>10.2</b>	<b>50.7</b>	<b>3.1</b>	<b>3,874</b>	<b>97.2</b>	<b>119.0</b>	<b>82.4</b>	<b>91.0</b>	<b>3.8</b>	<b>2.9</b>	<b>52,371</b>	<b>170.5</b>	<b>169.7</b>	<b>1,645</b>
100 - 200	306	0.6	10.6	5.9	123.5	2.7	31.7	95	2.4	20.6	14.2	638.4	0.6	19.4	401	11.3	23.3	43
200 - 400	61	0.1	4.1	2.2	245.5	0.9	52.1	9	0.2	2.2	1.5	1,412.9	0.0	11.4	70	4.1	3.0	9
400 - 800	1	0.0	0.2	0.1	493.7	0.0	105.2	4	0.1	2.4	1.6	2,964.2	0.0	5.9	5	0.2	2.4	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.1	0.4	0.3	6,661.1	0.0	0.0	2	0.0	0.4	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>48,865</b>	<b>100.0</b>	<b>181.6</b>	<b>100.0</b>	<b>11.0</b>	<b>54.4</b>	<b>3.3</b>	<b>3,984</b>	<b>100.0</b>	<b>144.5</b>	<b>100.0</b>	<b>107.7</b>	<b>4.4</b>	<b>3.3</b>	<b>52,849</b>	<b>186.1</b>	<b>198.9</b>	<b>1,697</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B23. Colorado oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	2,161	24.3	0.2	0.2	0.3	0.3	0.5	6,794	14.8	5.3	0.4	2.5	0.1	0.0	8,955	0.3	5.6	38
1 - 2	1,001	11.3	0.4	0.5	1.1	0.7	2.2	4,665	10.2	12.3	0.8	7.9	0.3	0.2	5,666	0.6	13.0	15
2 - 4	1,157	13.0	0.8	1.1	2.2	1.8	4.6	7,342	16.0	37.7	2.6	15.2	1.0	0.4	8,499	1.8	39.5	34
4 - 6	626	7.0	0.7	1.0	3.5	1.8	8.6	4,846	10.6	41.6	2.9	25.4	1.2	0.7	5,472	1.9	43.5	45
6 - 8	398	4.5	0.7	0.9	5.2	1.4	10.5	3,181	7.0	39.8	2.7	36.5	1.0	0.9	3,579	1.7	41.3	50
8 - 10	228	2.6	0.5	0.7	6.9	0.9	11.9	2,450	5.4	41.7	2.9	49.0	0.7	0.8	2,678	1.2	42.7	45
<b>Subtotal &lt;=10</b>	<b>5,571</b>	<b>62.6</b>	<b>3.3</b>	<b>4.4</b>	<b>1.9</b>	<b>7.0</b>	<b>4.0</b>	<b>29,278</b>	<b>64.0</b>	<b>178.5</b>	<b>12.2</b>	<b>18.4</b>	<b>4.1</b>	<b>0.4</b>	<b>34,849</b>	<b>7.4</b>	<b>185.5</b>	<b>227</b>
10 - 12	147	1.7	0.4	0.6	8.5	0.7	14.9	2,072	4.5	45.0	3.1	61.9	0.5	0.7	2,219	0.9	45.7	43
12 - 15	177	2.0	0.7	0.9	11.0	0.9	14.4	2,560	5.6	69.2	4.7	77.0	0.5	0.6	2,737	1.2	70.0	73
<b>Subtotal &lt;=15</b>	<b>5,895</b>	<b>66.3</b>	<b>4.4</b>	<b>5.9</b>	<b>2.4</b>	<b>8.6</b>	<b>4.6</b>	<b>33,910</b>	<b>74.1</b>	<b>292.6</b>	<b>20.0</b>	<b>25.8</b>	<b>5.1</b>	<b>0.5</b>	<b>39,805</b>	<b>9.5</b>	<b>301.2</b>	<b>343</b>
15 - 20	237	2.7	1.2	1.6	14.2	1.6	19.7	2,781	6.1	97.7	6.7	100.2	0.6	0.6	3,018	1.8	99.4	130
20 - 25	214	2.4	1.4	1.8	18.2	2.1	27.8	1,668	3.6	75.1	5.2	129.0	0.5	0.8	1,882	1.8	77.2	166
25 - 30	198	2.2	1.5	1.9	21.0	2.7	38.6	1,067	2.3	58.4	4.0	158.5	0.3	0.9	1,265	1.8	61.1	169
30 - 40	353	4.0	3.1	4.1	24.8	7.5	59.9	1,345	2.9	91.5	6.3	197.6	0.8	1.7	1,698	3.9	99.0	386
40 - 50	243	2.7	2.7	3.6	31.4	6.9	80.6	856	1.9	74.2	5.1	249.0	0.9	3.0	1,099	3.6	81.1	325
50 - 100	629	7.1	10.1	13.4	46.8	30.5	140.4	2,376	5.2	310.5	21.3	374.4	6.4	7.7	3,005	16.5	341.0	1,275
<b>Subtotal &lt;=100</b>	<b>7,769</b>	<b>87.3</b>	<b>24.4</b>	<b>32.3</b>	<b>9.7</b>	<b>59.9</b>	<b>23.9</b>	<b>44,003</b>	<b>96.1</b>	<b>1,000.1</b>	<b>68.5</b>	<b>67.3</b>	<b>14.5</b>	<b>1.0</b>	<b>51,772</b>	<b>38.9</b>	<b>1,060.0</b>	<b>2,794</b>
100 - 200	395	4.4	12.1	16.0	93.2	37.6	290.2	1,255	2.7	264.3	18.1	647.3	12.9	31.6	1,650	25.0	301.9	1,150
200 - 400	497	5.6	22.7	30.0	185.8	67.2	549.7	418	0.9	138.9	9.5	1,147.8	8.6	71.1	915	31.3	206.1	799
400 - 800	221	2.5	15.7	20.7	327.4	53.4	1,117.6	85	0.2	44.1	3.0	1,969.0	3.7	167.1	306	19.4	97.5	300
800 - 1,600	14	0.2	0.8	1.1	634.9	2.1	1,686.4	9	0.0	12.8	0.9	5,902.8	0.1	44.5	23	0.9	14.9	21
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>8,896</b>	<b>100.0</b>	<b>75.6</b>	<b>100.0</b>	<b>27.0</b>	<b>220.3</b>	<b>78.6</b>	<b>45,770</b>	<b>100.0</b>	<b>1,460.1</b>	<b>100.0</b>	<b>94.8</b>	<b>39.9</b>	<b>2.6</b>	<b>54,666</b>	<b>115.5</b>	<b>1,680.4</b>	<b>5,064</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B24. Federal GOM oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	37	1.3	0.0	0.0	0.3	0.0	0.3	36	3.7	0.0	0.0	2.0	0.0	0.0	73	0.0	0.0	0
1 - 2	19	0.7	0.0	0.0	1.1	0.0	1.6	18	1.8	0.0	0.0	8.0	0.0	0.0	37	0.0	0.0	0
2 - 4	25	0.9	0.0	0.0	2.3	0.0	4.2	46	4.7	0.2	0.0	16.0	0.0	0.4	71	0.0	0.2	0
4 - 6	33	1.1	0.0	0.0	4.1	0.1	6.1	34	3.4	0.2	0.0	27.0	0.0	0.6	67	0.0	0.3	0
6 - 8	28	1.0	0.0	0.0	5.2	0.1	10.4	18	1.8	0.2	0.0	33.2	0.0	1.7	46	0.1	0.3	0
8 - 10	42	1.4	0.1	0.0	7.4	0.1	9.7	29	2.9	0.4	0.1	43.9	0.0	1.4	71	0.1	0.5	0
<b>Subtotal &lt;=10</b>	<b>184</b>	<b>6.3</b>	<b>0.2</b>	<b>0.0</b>	<b>4.0</b>	<b>0.3</b>	<b>6.2</b>	<b>181</b>	<b>18.3</b>	<b>1.0</b>	<b>0.2</b>	<b>22.3</b>	<b>0.0</b>	<b>0.7</b>	<b>365</b>	<b>0.2</b>	<b>1.3</b>	<b>0</b>
10 - 12	34	1.2	0.1	0.0	8.9	0.1	12.7	20	2.0	0.3	0.1	54.3	0.0	1.7	54	0.1	0.5	0
12 - 15	56	1.9	0.2	0.0	10.8	0.3	15.8	21	2.1	0.4	0.1	69.3	0.0	1.6	77	0.2	0.7	0
<b>Subtotal &lt;=15</b>	<b>274</b>	<b>9.4</b>	<b>0.5</b>	<b>0.1</b>	<b>6.3</b>	<b>0.7</b>	<b>9.3</b>	<b>222</b>	<b>22.5</b>	<b>1.7</b>	<b>0.3</b>	<b>30.7</b>	<b>0.1</b>	<b>0.9</b>	<b>496</b>	<b>0.5</b>	<b>2.4</b>	<b>0</b>
15 - 20	104	3.6	0.5	0.1	14.0	0.7	20.8	43	4.4	1.1	0.2	85.7	0.0	3.1	147	0.5	1.8	0
20 - 25	118	4.0	0.7	0.1	18.2	1.0	26.0	37	3.8	1.1	0.2	103.1	0.1	5.2	155	0.8	2.1	0
25 - 30	102	3.5	0.8	0.1	22.5	1.0	30.2	28	2.8	1.0	0.2	129.9	0.0	5.7	130	0.8	2.0	0
30 - 40	227	7.8	2.2	0.4	28.8	2.8	37.3	44	4.5	2.1	0.4	162.6	0.1	7.6	271	2.3	4.9	0
40 - 50	195	6.7	2.5	0.4	37.3	3.2	46.7	39	4.0	2.6	0.5	211.4	0.1	9.6	234	2.6	5.7	0
50 - 100	613	20.9	12.9	2.3	60.2	14.9	69.6	122	12.4	13.0	2.3	360.1	0.4	11.1	735	13.3	27.9	0
<b>Subtotal &lt;=100</b>	<b>1,633</b>	<b>55.8</b>	<b>20.0</b>	<b>3.5</b>	<b>37.0</b>	<b>24.3</b>	<b>44.9</b>	<b>535</b>	<b>54.2</b>	<b>22.7</b>	<b>3.9</b>	<b>152.3</b>	<b>0.8</b>	<b>5.4</b>	<b>2,168</b>	<b>20.8</b>	<b>47.0</b>	<b>0</b>
100 - 200	499	17.1	19.9	3.5	118.4	21.3	126.6	152	15.4	34.6	6.0	764.9	0.8	17.0	651	20.7	55.9	0
200 - 400	263	9.0	20.7	3.6	231.8	23.5	263.7	134	13.6	67.1	11.7	1,592.5	1.1	26.0	397	21.8	90.6	0
400 - 800	155	5.3	24.3	4.2	471.0	27.9	539.4	81	8.2	75.0	13.1	3,040.0	1.4	54.7	236	25.7	102.9	0
800 - 1,600	121	4.1	38.6	6.7	937.0	45.7	1,108.4	53	5.4	106.0	18.5	5,889.9	2.1	119.0	174	40.8	151.7	0
1,600 - 3,200	83	2.8	50.1	8.8	1,915.8	53.4	2,039.3	17	1.7	66.5	11.6	12,323.4	1.4	262.5	100	51.6	119.9	0
3,200 - 6,400	73	2.5	99.1	17.3	3,962.5	111.8	4,470.0	11	1.1	71.0	12.4	19,885.2	2.5	696.5	84	101.6	182.7	0
6,400 - 12,800	73	2.5	180.7	31.5	7,753.6	209.4	8,982.7	2	0.2	26.3	4.6	41,036.9	1.1	1,736.9	75	181.8	235.7	0
> 12,800	27	0.9	119.8	20.9	13,352.4	132.1	14,728.7	2	0.2	105.5	18.4	144,152.5	0.7	897.9	29	120.4	237.7	0
<b>Total</b>	<b>2,927</b>	<b>100.0</b>	<b>573.3</b>	<b>100.0</b>	<b>587.8</b>	<b>649.4</b>	<b>665.8</b>	<b>987</b>	<b>100.0</b>	<b>574.6</b>	<b>100.0</b>	<b>1,988.1</b>	<b>11.8</b>	<b>40.9</b>	<b>3,914</b>	<b>585.1</b>	<b>1,224.0</b>	<b>0</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B25. Florida oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	1	3.5	0.0	0.0	0.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
1 - 2	0	0.0	0.0	0.0	0.0	0.0	0.0	1	2.3	0.0	0.0	6.8	0.0	1	0.0	0.0	0	
2 - 4	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
4 - 6	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6 - 8	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
8 - 10	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Subtotal &lt;=10</b>	<b>1</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>6.8</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
10 - 12	1	3.5	0.0	0.4	9.8	0.0	0.0	1	2.3	0.0	0.1	61.1	0.0	2	0.0	0.0	0	
12 - 15	2	6.9	0.0	1.0	12.0	0.0	10.9	1	2.3	0.0	0.1	37.2	0.0	3	0.0	0.0	0	
<b>Subtotal &lt;=15</b>	<b>4</b>	<b>13.8</b>	<b>0.0</b>	<b>1.3</b>	<b>8.0</b>	<b>0.0</b>	<b>5.5</b>	<b>3</b>	<b>7.0</b>	<b>0.0</b>	<b>0.1</b>	<b>32.5</b>	<b>0.0</b>	<b>7</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
15 - 20	1	3.5	0.0	0.7	16.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	1	2.3	0.0	0.2	105.4	0.0	1	0.0	0.0	0	
25 - 30	2	6.9	0.0	2.8	27.6	0.0	2.0	0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0	
30 - 40	3	10.3	0.0	3.1	20.6	0.1	77.7	2	4.7	0.1	0.5	145.0	0.0	5	0.0	0.2	0	
40 - 50	3	10.3	0.0	5.6	37.4	0.1	54.4	1	2.3	0.0	0.0	259.1	0.0	4	0.0	0.1	0	
50 - 100	7	24.1	0.2	22.8	65.3	0.0	17.7	3	7.0	0.2	1.1	311.2	0.0	10	0.2	0.3	0	
<b>Subtotal &lt;=100</b>	<b>20</b>	<b>69.0</b>	<b>0.3</b>	<b>36.3</b>	<b>37.8</b>	<b>0.2</b>	<b>28.2</b>	<b>10</b>	<b>23.3</b>	<b>0.4</b>	<b>2.0</b>	<b>147.8</b>	<b>0.0</b>	<b>30</b>	<b>0.3</b>	<b>0.6</b>	<b>0</b>	
100 - 200	6	20.7	0.3	40.3	135.1	0.1	51.2	7	16.3	2.0	10.0	773.8	0.1	13	0.4	2.1	0	
200 - 400	3	10.3	0.2	23.4	156.7	0.6	528.3	16	37.2	7.5	37.8	1,311.8	0.5	19	0.7	8.1	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	9	20.9	7.7	38.9	2,352.3	0.5	9	0.5	7.7	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	1	2.3	2.3	11.4	6,180.7	0.1	1	0.1	2.3	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>29</b>	<b>100.0</b>	<b>0.7</b>	<b>100.0</b>	<b>71.1</b>	<b>0.9</b>	<b>86.2</b>	<b>43</b>	<b>100.0</b>	<b>19.9</b>	<b>100.0</b>	<b>1,360.1</b>	<b>1.2</b>	<b>72</b>	<b>1.9</b>	<b>20.8</b>	<b>0</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B26. Federal Pacific oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	1	0.3	0.0	0.0	0.5	0.0	0.0	1	7.7	0.0	0.2	3.4	0.0	0.0	2	0.0	0.0	0
1 - 2	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
2 - 4	1	0.3	0.0	0.0	1.8	0.0	2.7	0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
4 - 6	6	2.0	0.0	0.1	4.5	0.0	4.3	2	15.4	0.0	1.8	19.6	0.0	1.7	8	0.0	0.0	0
6 - 8	11	3.7	0.0	0.3	5.9	0.0	6.9	0	0.0	0.0	0.0	0.0	0.0	11	0.0	0.0	0	
8 - 10	15	5.0	0.0	0.6	7.8	0.0	8.0	0	0.0	0.0	0.0	0.0	0.0	15	0.0	0.0	0	
<b>Subtotal &lt;=10</b>	<b>34</b>	<b>11.3</b>	<b>0.1</b>	<b>1.1</b>	<b>6.4</b>	<b>0.1</b>	<b>6.8</b>	<b>3</b>	<b>23.1</b>	<b>0.0</b>	<b>2.0</b>	<b>14.2</b>	<b>0.0</b>	<b>1.2</b>	<b>37</b>	<b>0.1</b>	<b>0.1</b>	<b>0</b>
10 - 12	8	2.7	0.0	0.4	9.0	0.0	11.6	0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0	
12 - 15	18	6.0	0.1	1.1	11.3	0.1	13.4	1	7.7	0.0	1.7	37.1	0.0	6.1	19	0.1	0.1	0
<b>Subtotal &lt;=15</b>	<b>60</b>	<b>20.0</b>	<b>0.2</b>	<b>2.6</b>	<b>8.3</b>	<b>0.2</b>	<b>9.6</b>	<b>4</b>	<b>30.8</b>	<b>0.0</b>	<b>3.7</b>	<b>19.9</b>	<b>0.0</b>	<b>2.4</b>	<b>64</b>	<b>0.2</b>	<b>0.2</b>	<b>0</b>
15 - 20	34	11.3	0.2	2.8	15.0	0.2	14.0	0	0.0	0.0	0.0	0.0	0.0	34	0.2	0.2	0	
20 - 25	22	7.3	0.2	2.4	20.2	0.1	12.8	1	7.7	0.0	3.1	67.2	0.0	9.3	23	0.2	0.1	0
25 - 30	19	6.3	0.2	2.6	24.2	0.1	16.7	1	7.7	0.0	2.7	99.5	0.0	10.8	20	0.2	0.1	0
30 - 40	29	9.7	0.3	5.2	31.4	0.3	27.1	2	15.4	0.1	16.7	181.0	0.0	9.0	31	0.3	0.4	0
40 - 50	21	7.0	0.3	4.4	39.8	0.2	31.0	0	0.0	0.0	0.0	0.0	0.0	21	0.3	0.2	0	
50 - 100	62	20.7	1.3	21.1	62.4	1.0	48.4	4	30.8	0.4	49.7	269.0	0.0	23.0	66	1.4	1.4	0
<b>Subtotal &lt;=100</b>	<b>247</b>	<b>82.3</b>	<b>2.6</b>	<b>41.1</b>	<b>30.6</b>	<b>2.1</b>	<b>24.8</b>	<b>12</b>	<b>92.3</b>	<b>0.6</b>	<b>75.9</b>	<b>141.8</b>	<b>0.1</b>	<b>11.7</b>	<b>259</b>	<b>2.7</b>	<b>2.7</b>	<b>0</b>
100 - 200	34	11.3	1.5	23.5	121.0	0.9	72.2	1	7.7	0.2	24.1	522.2	0.0	13.6	35	1.5	1.1	0
200 - 400	14	4.7	1.2	18.6	250.5	0.6	118.7	0	0.0	0.0	0.0	0.0	0.0	14	1.2	0.6	0	
400 - 800	4	1.3	0.8	12.3	537.1	0.2	108.9	0	0.0	0.0	0.0	0.0	0.0	4	0.8	0.2	0	
800 - 1,600	1	0.3	0.3	4.5	780.5	0.0	124.4	0	0.0	0.0	0.0	0.0	0.0	1	0.3	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>300</b>	<b>100.0</b>	<b>6.4</b>	<b>100.0</b>	<b>61.0</b>	<b>3.8</b>	<b>36.2</b>	<b>13</b>	<b>100.0</b>	<b>0.8</b>	<b>100.0</b>	<b>172.1</b>	<b>0.1</b>	<b>11.9</b>	<b>313</b>	<b>6.5</b>	<b>4.6</b>	<b>0</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B27. Kansas oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	28,674	55.9	3.2	8.9	0.3	0.0	0.0	3,910	17.2	3.1	1.3	2.4	0.0	0.0	32,584	3.2	3.1	1
1 - 2	9,120	17.8	4.5	12.5	1.5	0.1	0.0	3,153	13.9	9.6	4.0	8.8	0.0	0.0	12,273	4.5	9.7	0
2 - 4	7,977	15.6	7.7	21.4	2.8	0.3	0.1	4,978	21.9	30.5	12.8	17.4	0.1	0.1	12,955	7.8	30.8	0
4 - 6	2,524	4.9	4.1	11.4	4.7	0.4	0.4	4,148	18.3	43.6	18.3	29.4	0.1	0.1	6,672	4.2	43.9	0
6 - 8	869	1.7	2.1	5.8	6.7	0.3	1.1	3,180	14.0	47.1	19.8	41.2	0.1	0.1	4,049	2.1	47.5	0
8 - 10	531	1.0	1.6	4.6	8.7	0.2	1.2	1,562	6.9	29.5	12.4	52.5	0.1	0.1	2,093	1.7	29.7	0
<b>Subtotal &lt;=10</b>	<b>49,695</b>	<b>96.9</b>	<b>23.1</b>	<b>64.5</b>	<b>1.4</b>	<b>1.3</b>	<b>0.1</b>	<b>20,931</b>	<b>92.3</b>	<b>163.3</b>	<b>68.8</b>	<b>22.3</b>	<b>0.4</b>	<b>0.1</b>	<b>70,626</b>	<b>23.5</b>	<b>164.7</b>	<b>1</b>
10 - 12	339	0.7	1.3	3.6	10.7	0.1	1.1	618	2.7	14.0	5.9	63.8	0.1	0.2	957	1.3	14.2	0
12 - 15	328	0.6	1.5	4.1	13.0	0.2	2.2	403	1.8	10.6	4.4	76.0	0.1	0.6	731	1.5	10.8	0
<b>Subtotal &lt;=15</b>	<b>50,362</b>	<b>98.2</b>	<b>25.9</b>	<b>72.1</b>	<b>1.5</b>	<b>1.7</b>	<b>0.1</b>	<b>21,952</b>	<b>96.8</b>	<b>187.9</b>	<b>79.1</b>	<b>24.5</b>	<b>0.5</b>	<b>0.1</b>	<b>72,314</b>	<b>26.4</b>	<b>189.7</b>	<b>1</b>
15 - 20	313	0.6	1.8	5.1	16.7	0.4	3.7	261	1.2	8.2	3.4	96.2	0.1	1.0	574	1.9	8.6	0
20 - 25	172	0.3	1.3	3.6	21.4	0.3	4.5	119	0.5	4.6	1.9	120.4	0.1	2.2	291	1.4	4.8	0
25 - 30	143	0.3	1.2	3.4	26.2	0.3	6.3	77	0.3	3.3	1.4	141.7	0.1	3.7	220	1.3	3.6	0
30 - 40	112	0.2	1.3	3.5	33.3	0.3	7.8	69	0.3	4.0	1.7	181.6	0.1	4.2	181	1.4	4.3	0
40 - 50	66	0.1	0.9	2.5	43.1	0.1	6.7	67	0.3	4.8	2.0	232.9	0.1	6.5	133	1.0	4.9	1
50 - 100	86	0.2	1.9	5.3	69.2	0.6	20.1	88	0.4	9.8	4.1	353.6	0.3	9.2	174	2.2	10.4	0
<b>Subtotal &lt;=100</b>	<b>51,254</b>	<b>99.9</b>	<b>34.3</b>	<b>95.6</b>	<b>2.0</b>	<b>3.7</b>	<b>0.2</b>	<b>22,633</b>	<b>99.8</b>	<b>222.6</b>	<b>93.7</b>	<b>28.2</b>	<b>1.3</b>	<b>0.2</b>	<b>73,887</b>	<b>35.6</b>	<b>226.3</b>	<b>2</b>
100 - 200	22	0.0	0.7	1.9	105.2	0.7	117.4	39	0.2	8.4	3.5	632.5	0.4	27.3	61	1.0	9.1	0
200 - 400	8	0.0	0.6	1.8	221.8	0.8	296.3	10	0.0	4.4	1.9	1,205.5	0.2	63.2	18	0.9	5.3	0
400 - 800	3	0.0	0.3	0.8	272.3	1.4	1,285.5	3	0.0	2.1	0.9	1,921.6	0.2	170.8	6	0.5	3.5	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>51,287</b>	<b>100.0</b>	<b>35.9</b>	<b>100.0</b>	<b>2.1</b>	<b>6.7</b>	<b>0.4</b>	<b>22,685</b>	<b>100.0</b>	<b>237.5</b>	<b>100.0</b>	<b>30.0</b>	<b>2.0</b>	<b>0.3</b>	<b>73,972</b>	<b>38.0</b>	<b>244.2</b>	<b>2</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B28. Kentucky oil and gas well summary statistics, 2013

Prod. rate bracket (BOE/day)	Oil wells				Gas wells				Total wells				Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)				Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells
0 - 1	3,641	70.8	0.5	21.3	0.4	0.0	0.0	3,930	27.0	4.4	4.3	3.2	0.0	0.0	7,571	0.5	4.4	30
1 - 2	731	14.2	0.4	16.9	1.4	0.1	0.3	3,428	23.6	10.9	10.9	8.8	0.0	0.0	4,159	0.4	11.0	10
2 - 4	460	8.9	0.4	19.5	2.6	0.2	1.1	3,729	25.6	22.9	22.8	17.0	0.0	0.0	4,189	0.5	23.0	46
4 - 6	149	2.9	0.2	10.9	4.4	0.1	2.3	1,619	11.1	16.8	16.7	28.8	0.0	0.0	1,768	0.3	16.9	83
6 - 8	57	1.1	0.1	5.4	6.3	0.1	3.4	684	4.7	10.1	10.0	40.9	0.0	0.1	741	0.1	10.1	138
8 - 10	20	0.4	0.0	2.3	7.7	0.0	7.4	368	2.5	6.9	6.9	52.7	0.0	0.2	388	0.1	6.9	129
<b>Subtotal &lt;=10</b>	<b>5,058</b>	<b>98.3</b>	<b>1.6</b>	<b>76.1</b>	<b>0.9</b>	<b>0.5</b>	<b>0.3</b>	<b>13,758</b>	<b>94.5</b>	<b>71.8</b>	<b>71.5</b>	<b>14.6</b>	<b>0.1</b>	<b>0.0</b>	<b>18,816</b>	<b>1.8</b>	<b>72.3</b>	<b>436</b>
10 - 12	20	0.4	0.1	2.9	9.8	0.0	7.3	254	1.7	5.8	5.8	64.9	0.0	0.1	274	0.1	5.9	124
12 - 15	18	0.4	0.1	3.1	11.5	0.1	9.9	180	1.2	5.0	5.0	79.4	0.0	0.1	198	0.1	5.1	116
<b>Subtotal &lt;=15</b>	<b>5,096</b>	<b>99.1</b>	<b>1.8</b>	<b>82.2</b>	<b>1.0</b>	<b>0.6</b>	<b>0.3</b>	<b>14,192</b>	<b>97.5</b>	<b>82.7</b>	<b>82.3</b>	<b>16.3</b>	<b>0.1</b>	<b>0.0</b>	<b>19,288</b>	<b>1.9</b>	<b>83.3</b>	<b>676</b>
15 - 20	14	0.3	0.1	3.1	14.6	0.1	14.8	148	1.0	5.4	5.4	104.3	0.0	0.1	162	0.1	5.5	120
20 - 25	8	0.2	0.1	2.8	21.0	0.0	6.5	88	0.6	4.0	4.0	131.9	0.0	0.2	96	0.1	4.0	70
25 - 30	11	0.2	0.1	3.9	26.4	0.0	11.1	44	0.3	2.4	2.4	163.2	0.0	0.1	55	0.1	2.4	34
30 - 40	6	0.1	0.0	2.2	29.5	0.0	26.8	43	0.3	2.8	2.8	203.1	0.0	0.1	49	0.0	2.9	36
40 - 50	4	0.1	0.1	2.7	42.0	0.0	7.8	23	0.2	1.5	1.5	268.6	0.0	0.0	27	0.1	1.6	15
50 - 100	6	0.1	0.1	3.1	77.4	0.0	5.7	17	0.1	1.5	1.5	358.1	0.0	1.1	23	0.1	1.5	17
<b>Subtotal &lt;=100</b>	<b>5,145</b>	<b>100.0</b>	<b>2.2</b>	<b>100.0</b>	<b>1.2</b>	<b>0.8</b>	<b>0.4</b>	<b>14,555</b>	<b>100.0</b>	<b>100.3</b>	<b>99.9</b>	<b>19.3</b>	<b>0.1</b>	<b>0.0</b>	<b>19,700</b>	<b>2.3</b>	<b>101.1</b>	<b>968</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.1	0.1	706.6	0.0	0.0	2	0.0	0.1	2
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>5,145</b>	<b>100.0</b>	<b>2.2</b>	<b>100.0</b>	<b>1.2</b>	<b>0.8</b>	<b>0.4</b>	<b>14,557</b>	<b>100.0</b>	<b>100.4</b>	<b>100.0</b>	<b>19.3</b>	<b>0.1</b>	<b>0.0</b>	<b>19,702</b>	<b>2.3</b>	<b>101.2</b>	<b>970</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B29. Louisiana oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	12,576	66.2	1.3	2.7	0.3	0.1	0.0	7,586	42.7	3.5	0.2	1.3	0.0	0.0	20,162	1.3	3.6	18
1 - 2	1,452	7.6	0.7	1.4	1.4	0.1	0.1	537	3.0	1.4	0.1	8.1	0.0	0.1	1,989	0.7	1.5	11
2 - 4	876	4.6	0.8	1.7	2.7	0.2	0.8	720	4.1	3.8	0.2	16.6	0.1	0.2	1,596	0.8	4.1	20
4 - 6	587	3.1	0.9	1.9	4.5	0.5	2.6	614	3.5	5.6	0.3	27.9	0.1	0.3	1,201	1.0	6.1	19
6 - 8	439	2.3	0.9	1.9	6.2	0.6	4.3	538	3.0	7.1	0.4	39.6	0.1	0.4	977	1.0	7.7	22
8 - 10	322	1.7	0.9	1.8	7.9	0.7	6.6	548	3.1	9.4	0.5	50.8	0.1	0.5	870	1.0	10.1	29
<b>Subtotal &lt;=10</b>	<b>16,252</b>	<b>85.5</b>	<b>5.5</b>	<b>11.3</b>	<b>1.0</b>	<b>2.3</b>	<b>0.4</b>	<b>10,543</b>	<b>59.3</b>	<b>30.8</b>	<b>1.8</b>	<b>8.5</b>	<b>0.3</b>	<b>0.1</b>	<b>26,795</b>	<b>5.8</b>	<b>33.1</b>	<b>119</b>
10 - 12	227	1.2	0.7	1.5	9.4	0.7	9.5	559	3.2	11.9	0.7	62.0	0.1	0.6	786	0.8	12.6	29
12 - 15	307	1.6	1.2	2.5	11.8	1.0	10.1	708	4.0	18.5	1.1	76.9	0.2	0.7	1,015	1.4	19.6	39
<b>Subtotal &lt;=15</b>	<b>16,786</b>	<b>88.3</b>	<b>7.4</b>	<b>15.4</b>	<b>1.3</b>	<b>4.0</b>	<b>0.7</b>	<b>11,810</b>	<b>66.5</b>	<b>61.2</b>	<b>3.6</b>	<b>15.1</b>	<b>0.6</b>	<b>0.1</b>	<b>28,596</b>	<b>8.0</b>	<b>65.2</b>	<b>187</b>
15 - 20	375	2.0	2.0	4.1	15.3	1.6	12.4	959	5.4	32.4	1.9	99.9	0.2	0.7	1,334	2.2	34.0	93
20 - 25	290	1.5	1.9	3.9	19.1	1.9	18.7	557	3.1	23.6	1.4	128.4	0.2	0.9	847	2.1	25.5	73
25 - 30	230	1.2	1.9	3.9	23.8	1.8	22.5	420	2.4	22.0	1.3	157.8	0.2	1.1	650	2.0	23.8	101
30 - 40	333	1.8	3.4	7.0	29.6	3.3	28.8	604	3.4	39.9	2.3	200.8	0.2	1.1	937	3.6	43.2	229
40 - 50	204	1.1	2.8	5.7	38.8	2.5	35.4	448	2.5	39.1	2.3	261.6	0.2	1.2	652	2.9	41.7	257
50 - 100	470	2.5	9.9	20.5	61.0	7.8	48.4	1,481	8.3	211.8	12.3	418.6	0.7	1.4	1,951	10.5	219.6	1,082
<b>Subtotal &lt;=100</b>	<b>18,688</b>	<b>98.3</b>	<b>29.2</b>	<b>60.5</b>	<b>4.5</b>	<b>22.9</b>	<b>3.6</b>	<b>16,279</b>	<b>91.6</b>	<b>430.0</b>	<b>25.0</b>	<b>77.5</b>	<b>2.2</b>	<b>0.4</b>	<b>34,967</b>	<b>31.4</b>	<b>452.9</b>	<b>2,022</b>
100 - 200	221	1.2	9.3	19.4	123.2	6.7	88.9	703	4.0	190.9	11.1	801.9	0.9	3.7	924	10.2	197.6	539
200 - 400	74	0.4	5.7	11.8	224.7	5.4	212.4	305	1.7	164.8	9.6	1,602.5	1.2	11.5	379	6.9	170.2	208
400 - 800	18	0.1	2.5	5.3	458.4	2.8	509.9	227	1.3	250.9	14.6	3,241.4	1.3	17.3	245	3.9	253.7	175
800 - 1,600	7	0.0	1.3	2.8	736.1	2.5	1,388.4	143	0.8	311.6	18.1	6,737.3	0.9	20.4	150	2.3	314.1	127
1,600 - 3,200	1	0.0	0.1	0.3	1,156.1	0.3	2,788.4	99	0.6	297.6	17.3	12,820.8	0.5	23.4	100	0.7	298.0	89
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	11	0.1	57.2	3.3	24,040.9	0.8	351.0	11	0.8	57.2	5
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	14.2	0.8	38,813.3	0.0	0.0	1	0.0	14.2	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	0
<b>Total</b>	<b>19,009</b>	<b>100.0</b>	<b>48.2</b>	<b>100.0</b>	<b>7.4</b>	<b>40.7</b>	<b>6.2</b>	<b>17,768</b>	<b>100.0</b>	<b>1,717.3</b>	<b>100.0</b>	<b>284.2</b>	<b>8.0</b>	<b>1.3</b>	<b>36,777</b>	<b>56.2</b>	<b>1,758.0</b>	<b>3,165</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B30. Maryland oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1 - 2	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
2 - 4	0	0.0	0.0	0.0	0.0	0.0	0.0	1	100.0	0.0	100.0	16.0	0.0	1	0.0	0.0	0	
4 - 6	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6 - 8	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
8 - 10	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Subtotal &lt;=10</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>16.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
12 - 15	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Subtotal &lt;=15</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>16.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
15 - 20	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Subtotal &lt;=100</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>16.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>16.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B31. Michigan oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	810	32.2	0.1	2.7	0.5	0.0	0.0	458	4.8	0.5	0.5	3.0	0.0	0.0	1,268	0.1	0.5	10	
1 - 2	565	22.5	0.3	5.5	1.4	0.0	0.2	1,164	12.2	3.9	4.1	9.3	0.0	0.0	1,729	0.3	3.9	11	
2 - 4	456	18.2	0.4	8.2	2.7	0.1	0.7	3,577	37.4	23.4	24.4	17.9	0.0	0.0	4,033	0.4	23.5	17	
4 - 6	160	6.4	0.2	4.4	4.5	0.2	3.0	2,740	28.6	28.8	30.0	28.8	0.0	0.0	2,900	0.2	29.0	8	
6 - 8	139	5.5	0.3	5.7	6.3	0.3	5.7	986	10.3	14.5	15.1	40.2	0.0	0.0	1,125	0.3	14.7	10	
8 - 10	61	2.4	0.2	3.0	7.9	0.1	6.9	296	3.1	5.6	5.8	52.0	0.0	0.1	357	0.2	5.7	9	
<b>Subtotal &lt;=10</b>	<b>2,191</b>	<b>87.2</b>	<b>1.5</b>	<b>29.6</b>	<b>2.1</b>	<b>0.7</b>	<b>0.9</b>	<b>9,221</b>	<b>96.3</b>	<b>76.6</b>	<b>79.9</b>	<b>22.9</b>	<b>0.0</b>	<b>0.0</b>	<b>11,412</b>	<b>1.6</b>	<b>77.4</b>	<b>65</b>	
10 - 12	47	1.9	0.1	2.9	9.7	0.1	6.7	102	1.1	2.3	2.4	63.1	0.0	0.6	149	0.2	2.4	6	
12 - 15	52	2.1	0.2	3.9	11.7	0.2	9.9	85	0.9	2.5	2.6	81.0	0.0	0.5	137	0.2	2.7	12	
<b>Subtotal &lt;=15</b>	<b>2,290</b>	<b>91.1</b>	<b>1.9</b>	<b>36.4</b>	<b>2.4</b>	<b>1.0</b>	<b>1.3</b>	<b>9,408</b>	<b>98.2</b>	<b>81.5</b>	<b>84.9</b>	<b>23.8</b>	<b>0.1</b>	<b>0.0</b>	<b>11,698</b>	<b>2.0</b>	<b>82.4</b>	<b>83</b>	
15 - 20	56	2.2	0.3	5.5	15.6	0.2	10.4	42	0.4	1.4	1.5	94.0	0.0	1.3	98	0.3	1.6	10	
20 - 25	35	1.4	0.2	3.9	18.4	0.3	24.8	28	0.3	1.2	1.3	127.1	0.0	1.1	63	0.2	1.5	7	
25 - 30	22	0.9	0.2	3.4	23.7	0.1	20.5	23	0.2	1.2	1.3	154.1	0.0	2.1	45	0.2	1.4	3	
30 - 40	24	1.0	0.2	4.6	30.2	0.2	26.2	20	0.2	1.1	1.2	168.7	0.0	6.9	44	0.3	1.3	5	
40 - 50	12	0.5	0.2	3.3	39.4	0.2	39.4	5	0.1	0.4	0.4	254.6	0.0	4.2	17	0.2	0.6	0	
50 - 100	47	1.9	1.0	18.5	57.7	1.2	71.8	27	0.3	3.5	3.7	385.5	0.1	8.6	74	1.0	4.7	5	
<b>Subtotal &lt;=100</b>	<b>2,486</b>	<b>98.9</b>	<b>3.9</b>	<b>75.5</b>	<b>4.6</b>	<b>3.1</b>	<b>3.7</b>	<b>9,553</b>	<b>99.8</b>	<b>90.3</b>	<b>94.1</b>	<b>26.1</b>	<b>0.3</b>	<b>0.1</b>	<b>12,039</b>	<b>4.1</b>	<b>93.5</b>	<b>113</b>	
100 - 200	22	0.9	0.8	15.9	116.4	0.6	85.8	21	0.2	4.2	4.4	583.4	0.2	24.9	43	1.0	4.9	13	
200 - 400	5	0.2	0.4	8.6	248.8	0.3	189.2	2	0.0	0.6	0.6	1,235.6	0.0	43.3	7	0.5	0.9	2	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.8	0.9	2,424.6	0.0	0.0	1	0.0	0.8	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>2,513</b>	<b>100.0</b>	<b>5.1</b>	<b>100.0</b>	<b>6.1</b>	<b>4.1</b>	<b>4.8</b>	<b>9,577</b>	<b>100.0</b>	<b>96.0</b>	<b>100.0</b>	<b>27.6</b>	<b>0.5</b>	<b>0.1</b>	<b>12,090</b>	<b>5.6</b>	<b>100.1</b>	<b>128</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B32. Missouri oil and gas well summary statistics, 2014

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	3	12.5	0.0	0.2	0.4	0.0	0.0	5	83.3	0.0	34.8	1.4	0.0	0.0	8	0.0	0.0	0
1 - 2	2	8.3	0.0	0.5	1.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0
2 - 4	4	16.7	0.0	1.6	2.8	0.0	0.0	1	16.7	0.0	65.2	15.3	0.0	0.0	5	0.0	0.0	0
4 - 6	3	12.5	0.0	2.1	4.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0
6 - 8	2	8.3	0.0	1.7	7.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0
8 - 10	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Subtotal &lt;=10</b>	<b>14</b>	<b>58.3</b>	<b>0.0</b>	<b>6.0</b>	<b>3.1</b>	<b>0.0</b>	<b>0.0</b>	<b>6</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>20</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
12 - 15	2	8.3	0.0	4.5	13.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0
<b>Subtotal &lt;=15</b>	<b>16</b>	<b>66.7</b>	<b>0.0</b>	<b>10.5</b>	<b>4.6</b>	<b>0.0</b>	<b>0.0</b>	<b>6</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>22</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>
15 - 20	1	4.2	0.0	3.6	19.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
20 - 25	2	8.3	0.0	6.9	21.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0
25 - 30	1	4.2	0.0	3.6	25.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
30 - 40	1	4.2	0.0	4.8	34.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
50 - 100	2	8.3	0.0	28.6	76.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0
<b>Subtotal &lt;=100</b>	<b>23</b>	<b>95.8</b>	<b>0.0</b>	<b>58.0</b>	<b>16.8</b>	<b>0.0</b>	<b>0.0</b>	<b>6</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>29</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
200 - 400	1	4.2	0.0	42.0	225.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>0.1</b>	<b>100.0</b>	<b>27.6</b>	<b>0.0</b>	<b>0.0</b>	<b>6</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>30</b>	<b>0.1</b>	<b>0.0</b>	<b>0</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B33. Mississippi oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	197	9.9	0.0	0.1	0.3	0.0	0.0	111	7.4	0.1	0.2	3.1	0.0	0.0	308	0.0	0.1	8
1 - 2	75	3.8	0.0	0.2	1.4	0.0	0.2	146	9.8	0.4	1.1	9.3	0.0	0.0	221	0.0	0.5	7
2 - 4	166	8.3	0.1	0.7	2.9	0.0	0.5	539	36.0	3.2	7.6	17.7	0.0	0.0	705	0.1	3.2	15
4 - 6	145	7.3	0.2	1.1	4.9	0.0	0.9	203	13.6	2.0	4.7	28.3	0.0	0.1	348	0.2	2.0	4
6 - 8	136	6.8	0.3	1.5	6.8	0.1	1.3	83	5.5	1.2	2.8	40.1	0.0	0.1	219	0.3	1.2	7
8 - 10	104	5.2	0.3	1.4	8.7	0.1	1.9	48	3.2	0.9	2.1	54.1	0.0	0.1	152	0.3	1.0	8
<b>Subtotal &lt;=10</b>	<b>823</b>	<b>41.2</b>	<b>1.0</b>	<b>5.0</b>	<b>4.1</b>	<b>0.2</b>	<b>0.8</b>	<b>1,130</b>	<b>75.4</b>	<b>7.8</b>	<b>18.5</b>	<b>20.7</b>	<b>0.0</b>	<b>0.0</b>	<b>1,953</b>	<b>1.0</b>	<b>8.0</b>	<b>49</b>
10 - 12	69	3.5	0.3	1.3	10.7	0.0	1.9	50	3.3	1.1	2.6	63.3	0.0	0.4	119	0.3	1.1	10
12 - 15	125	6.3	0.6	2.9	13.1	0.1	2.2	51	3.4	1.3	3.1	76.8	0.0	0.4	176	0.6	1.4	18
<b>Subtotal &lt;=15</b>	<b>1,017</b>	<b>50.9</b>	<b>1.8</b>	<b>9.2</b>	<b>5.8</b>	<b>0.3</b>	<b>1.1</b>	<b>1,231</b>	<b>82.2</b>	<b>10.2</b>	<b>24.2</b>	<b>24.8</b>	<b>0.0</b>	<b>0.1</b>	<b>2,248</b>	<b>1.9</b>	<b>10.6</b>	<b>77</b>
15 - 20	158	7.9	0.9	4.4	17.0	0.1	2.4	51	3.4	1.8	4.1	101.0	0.0	0.4	209	0.9	1.9	26
20 - 25	119	6.0	0.9	4.5	22.0	0.1	2.8	40	2.7	1.7	4.1	130.0	0.0	0.6	159	0.9	1.9	25
25 - 30	87	4.4	0.8	4.2	27.2	0.1	2.2	27	1.8	1.2	2.9	151.4	0.0	2.1	114	0.8	1.3	18
30 - 40	151	7.6	1.8	9.1	34.1	0.3	4.8	32	2.1	2.0	4.7	198.7	0.0	1.8	183	1.8	2.3	18
40 - 50	95	4.8	1.4	7.2	43.4	0.2	7.4	16	1.1	1.1	2.6	230.2	0.0	5.3	111	1.4	1.3	11
50 - 100	236	11.8	5.7	28.8	68.6	0.8	10.1	52	3.5	6.7	15.9	407.3	0.1	5.0	288	5.8	7.5	36
<b>Subtotal &lt;=100</b>	<b>1,863</b>	<b>93.2</b>	<b>13.3</b>	<b>67.3</b>	<b>22.1</b>	<b>2.0</b>	<b>3.3</b>	<b>1,449</b>	<b>96.7</b>	<b>24.8</b>	<b>58.5</b>	<b>51.3</b>	<b>0.2</b>	<b>0.4</b>	<b>3,312</b>	<b>13.5</b>	<b>26.7</b>	<b>211</b>
100 - 200	113	5.7	4.6	23.4	123.0	2.1	54.5	32	2.1	7.1	16.7	767.1	0.1	10.4	145	4.7	9.1	45
200 - 400	19	1.0	1.4	7.3	226.5	1.5	237.4	13	0.9	5.9	13.8	1,412.9	0.1	28.3	32	1.6	7.4	14
400 - 800	3	0.2	0.4	2.1	393.0	1.0	971.1	3	0.2	3.0	7.1	3,001.1	0.1	100.2	6	0.5	4.0	1
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.1	1.6	3.8	4,391.5	0.1	401.4	1	0.1	1.6	1
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>1,998</b>	<b>100.0</b>	<b>19.8</b>	<b>100.0</b>	<b>30.5</b>	<b>6.5</b>	<b>10.1</b>	<b>1,498</b>	<b>100.0</b>	<b>42.3</b>	<b>100.0</b>	<b>85.0</b>	<b>0.6</b>	<b>1.3</b>	<b>3,496</b>	<b>20.4</b>	<b>48.9</b>	<b>272</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B34. Montana oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	1,434	30.9	0.2	0.9	0.4	0.0	0.0	1,846	33.4	1.8	6.0	2.9	0.0	0.0	3,280	0.2	1.8	45
1 - 2	421	9.1	0.2	0.9	1.4	0.0	0.2	1,336	24.2	4.2	14.0	8.8	0.0	0.0	1,757	0.2	4.2	22
2 - 4	348	7.5	0.3	1.4	2.8	0.1	0.5	1,281	23.2	7.9	26.2	17.0	0.0	0.0	1,629	0.3	8.0	32
4 - 6	180	3.9	0.3	1.2	4.7	0.1	1.5	553	10.0	5.8	19.4	29.2	0.0	0.0	733	0.3	5.9	48
6 - 8	176	3.8	0.4	1.7	6.5	0.2	2.7	279	5.1	4.2	13.8	40.9	0.0	0.0	455	0.4	4.3	60
8 - 10	148	3.2	0.4	1.8	8.2	0.3	5.0	113	2.0	2.2	7.2	52.4	0.0	0.0	261	0.4	2.4	73
<b>Subtotal &lt;=10</b>	<b>2,707</b>	<b>58.3</b>	<b>1.8</b>	<b>7.9</b>	<b>2.0</b>	<b>0.6</b>	<b>0.7</b>	<b>5,408</b>	<b>97.8</b>	<b>26.1</b>	<b>86.5</b>	<b>13.6</b>	<b>0.0</b>	<b>0.0</b>	<b>8,115</b>	<b>1.8</b>	<b>26.7</b>	<b>280</b>
10 - 12	167	3.6	0.6	2.5	9.9	0.4	6.5	36	0.7	0.8	2.7	64.4	0.0	0.2	203	0.6	1.2	84
12 - 15	260	5.6	1.1	4.8	12.0	0.8	8.8	38	0.7	1.0	3.4	76.0	0.0	0.4	298	1.1	1.8	147
<b>Subtotal &lt;=15</b>	<b>3,134</b>	<b>67.5</b>	<b>3.5</b>	<b>15.2</b>	<b>3.3</b>	<b>1.8</b>	<b>1.7</b>	<b>5,482</b>	<b>99.2</b>	<b>27.9</b>	<b>92.6</b>	<b>14.4</b>	<b>0.0</b>	<b>0.0</b>	<b>8,616</b>	<b>3.5</b>	<b>29.7</b>	<b>511</b>
15 - 20	314	6.8	1.7	7.5	15.4	1.3	12.0	22	0.4	0.8	2.7	103.3	0.0	0.0	336	1.7	2.1	197
20 - 25	219	4.7	1.5	6.6	19.4	1.4	17.2	8	0.1	0.3	1.1	123.5	0.0	1.2	227	1.5	1.7	162
25 - 30	169	3.6	1.4	6.2	23.6	1.4	23.5	5	0.1	0.3	1.0	167.7	0.0	0.0	174	1.4	1.7	131
30 - 40	226	4.9	2.4	10.1	29.3	2.5	31.4	3	0.1	0.2	0.6	152.4	0.0	8.9	229	2.4	2.7	181
40 - 50	171	3.7	2.3	10.1	37.9	2.6	42.4	5	0.1	0.3	1.2	190.5	0.0	13.5	176	2.4	3.0	147
50 - 100	305	6.6	6.1	26.1	55.9	7.1	65.7	3	0.1	0.3	0.9	306.6	0.0	18.9	308	6.1	7.4	252
<b>Subtotal &lt;=100</b>	<b>4,538</b>	<b>97.8</b>	<b>19.0</b>	<b>81.8</b>	<b>12.1</b>	<b>18.2</b>	<b>11.6</b>	<b>5,528</b>	<b>100.0</b>	<b>30.2</b>	<b>100.0</b>	<b>15.4</b>	<b>0.1</b>	<b>0.0</b>	<b>10,066</b>	<b>19.0</b>	<b>48.3</b>	<b>1,581</b>
100 - 200	99	2.1	3.8	16.6	108.2	3.8	107.5	0	0.0	0.0	0.0	0.0	0.0	0.0	99	3.8	3.8	89
200 - 400	5	0.1	0.4	1.6	240.2	0.2	104.6	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.4	0.2	3
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>4,642</b>	<b>100.0</b>	<b>23.2</b>	<b>100.0</b>	<b>14.4</b>	<b>22.2</b>	<b>13.8</b>	<b>5,528</b>	<b>100.0</b>	<b>30.2</b>	<b>100.0</b>	<b>15.4</b>	<b>0.1</b>	<b>0.0</b>	<b>10,170</b>	<b>23.2</b>	<b>52.3</b>	<b>1,673</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B35. North Dakota oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	278	2.0	0.0	0.0	0.4	0.0	0.2	141	31.0	0.1	0.5	2.1	0.0	0.0	419	0.0	0.1	97
1 - 2	198	1.4	0.1	0.0	1.4	0.0	0.6	49	10.8	0.1	0.9	8.5	0.0	0.1	247	0.1	0.2	57
2 - 4	358	2.6	0.3	0.1	2.8	0.2	1.4	65	14.3	0.3	2.1	15.3	0.0	0.4	423	0.3	0.5	107
4 - 6	274	2.0	0.4	0.1	4.5	0.2	2.5	47	10.3	0.4	2.4	25.3	0.0	0.7	321	0.4	0.6	113
6 - 8	262	1.9	0.5	0.2	6.3	0.4	4.4	20	4.4	0.2	1.4	33.1	0.0	1.4	282	0.6	0.6	125
8 - 10	234	1.7	0.6	0.2	8.0	0.5	6.3	12	2.6	0.1	0.9	39.7	0.0	2.4	246	0.6	0.7	130
<b>Subtotal &lt;=10</b>	<b>1,604</b>	<b>11.5</b>	<b>2.0</b>	<b>0.5</b>	<b>4.0</b>	<b>1.3</b>	<b>2.6</b>	<b>334</b>	<b>73.4</b>	<b>1.3</b>	<b>8.2</b>	<b>12.8</b>	<b>0.0</b>	<b>0.4</b>	<b>1,938</b>	<b>2.1</b>	<b>2.6</b>	<b>629</b>
10 - 12	193	1.4	0.6	0.2	9.5	0.6	8.3	6	1.3	0.1	0.4	40.4	0.0	4.3	199	0.6	0.6	117
12 - 15	308	2.2	1.3	0.3	11.8	1.2	10.7	10	2.2	0.2	1.1	56.5	0.0	4.1	318	1.3	1.3	220
<b>Subtotal &lt;=15</b>	<b>2,105</b>	<b>15.1</b>	<b>3.9</b>	<b>1.0</b>	<b>5.8</b>	<b>3.0</b>	<b>4.5</b>	<b>350</b>	<b>76.9</b>	<b>1.5</b>	<b>9.7</b>	<b>14.5</b>	<b>0.1</b>	<b>0.6</b>	<b>2,455</b>	<b>4.0</b>	<b>4.6</b>	<b>966</b>
15 - 20	459	3.3	2.4	0.6	15.1	2.4	15.0	15	3.3	0.3	2.0	77.3	0.0	4.7	474	2.4	2.7	354
20 - 25	457	3.3	3.1	0.8	19.1	3.3	20.4	7	1.5	0.2	1.4	86.2	0.0	8.0	464	3.1	3.5	376
25 - 30	474	3.4	3.9	1.0	23.4	4.3	25.3	5	1.1	0.1	0.9	97.3	0.0	11.3	479	3.9	4.4	421
30 - 40	991	7.1	10.5	2.8	29.3	12.5	35.1	16	3.5	0.8	5.1	144.2	0.1	11.3	1,007	10.5	13.3	946
40 - 50	945	6.8	12.6	3.4	37.1	16.3	47.8	5	1.1	0.3	1.8	189.7	0.0	12.3	950	12.6	16.6	929
50 - 100	4,037	29.0	85.9	22.8	58.8	125.9	86.2	21	4.6	2.1	13.3	286.1	0.2	25.5	4,058	86.1	128.0	4,013
<b>Subtotal &lt;=100</b>	<b>9,468</b>	<b>67.9</b>	<b>122.3</b>	<b>32.5</b>	<b>36.8</b>	<b>167.7</b>	<b>50.4</b>	<b>419</b>	<b>92.1</b>	<b>5.4</b>	<b>34.1</b>	<b>42.0</b>	<b>0.4</b>	<b>3.0</b>	<b>9,887</b>	<b>122.7</b>	<b>173.1</b>	<b>8,005</b>
100 - 200	2,825	20.3	109.8	29.2	108.1	172.6	170.1	19	4.2	4.3	27.0	642.4	0.3	37.9	2,844	110.0	176.9	2,823
200 - 400	1,035	7.4	73.5	19.5	215.2	121.4	355.5	16	3.5	5.0	31.5	860.1	0.6	101.1	1,051	74.1	126.3	1,048
400 - 800	485	3.5	55.7	14.8	419.0	96.3	724.9	1	0.2	1.2	7.4	3,199.8	0.0	41.9	486	55.7	97.5	485
800 - 1,600	124	0.9	15.0	4.0	784.4	26.8	1,400.9	0	0.0	0.0	0.0	0.0	0.0	0.0	124	15.0	26.8	124
1,600 - 3,200	5	0.0	0.3	0.1	1,451.1	0.4	1,823.0	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.3	0.4	5
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>13,942</b>	<b>100.0</b>	<b>376.6</b>	<b>100.0</b>	<b>77.9</b>	<b>585.2</b>	<b>121.1</b>	<b>455</b>	<b>100.0</b>	<b>15.7</b>	<b>100.0</b>	<b>112.2</b>	<b>1.2</b>	<b>8.8</b>	<b>14,397</b>	<b>377.8</b>	<b>601.0</b>	<b>12,490</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B36. Nebraska oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	734	34.7	0.1	6.8	0.6	0.0	0.0	57	38.3	0.0	9.7	2.2	0.0	0.0	791	0.1	0.0	0
1 - 2	638	30.2	0.4	16.9	1.6	0.0	0.0	43	28.9	0.1	29.6	9.0	0.0	0.0	681	0.4	0.1	0
2 - 4	369	17.5	0.4	17.6	2.8	0.0	0.0	49	32.9	0.3	60.7	15.9	0.0	0.0	418	0.4	0.3	0
4 - 6	145	6.9	0.3	12.0	5.0	0.0	0.6	0	0.0	0.0	0.0	0.0	0.0	145	0.3	0.0	0	
6 - 8	80	3.8	0.2	9.2	6.9	0.0	0.6	0	0.0	0.0	0.0	0.0	0.0	80	0.2	0.0	0	
8 - 10	41	1.9	0.1	6.3	9.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	41	0.1	0.0	0	
<b>Subtotal &lt;=10</b>	<b>2,007</b>	<b>94.9</b>	<b>1.5</b>	<b>68.6</b>	<b>2.0</b>	<b>0.1</b>	<b>0.1</b>	<b>149</b>	<b>100.0</b>	<b>0.5</b>	<b>100.0</b>	<b>8.7</b>	<b>0.0</b>	<b>0.0</b>	<b>2,156</b>	<b>1.5</b>	<b>0.5</b>	<b>0</b>
10 - 12	21	1.0	0.1	3.8	10.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	21	0.1	0.0	0	
12 - 15	31	1.5	0.1	7.0	13.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	31	0.1	0.0	0	
<b>Subtotal &lt;=15</b>	<b>2,059</b>	<b>97.4</b>	<b>1.7</b>	<b>79.4</b>	<b>2.3</b>	<b>0.1</b>	<b>0.1</b>	<b>149</b>	<b>100.0</b>	<b>0.5</b>	<b>100.0</b>	<b>8.7</b>	<b>0.0</b>	<b>0.0</b>	<b>2,208</b>	<b>1.7</b>	<b>0.5</b>	<b>0</b>
15 - 20	24	1.1	0.1	6.4	17.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	24	0.1	0.0	1	
20 - 25	7	0.3	0.0	2.0	21.2	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	0	
25 - 30	9	0.4	0.1	2.6	26.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	9	0.1	0.0	0	
30 - 40	8	0.4	0.1	4.0	35.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	8	0.1	0.0	0	
40 - 50	5	0.2	0.1	3.9	44.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	5	0.1	0.0	0	
50 - 100	3	0.1	0.0	1.8	63.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
<b>Subtotal &lt;=100</b>	<b>2,115</b>	<b>100.0</b>	<b>2.1</b>	<b>100.0</b>	<b>2.8</b>	<b>0.1</b>	<b>0.1</b>	<b>149</b>	<b>100.0</b>	<b>0.5</b>	<b>100.0</b>	<b>8.7</b>	<b>0.0</b>	<b>0.0</b>	<b>2,264</b>	<b>2.1</b>	<b>0.5</b>	<b>1</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>2,115</b>	<b>100.0</b>	<b>2.1</b>	<b>100.0</b>	<b>2.8</b>	<b>0.1</b>	<b>0.1</b>	<b>149</b>	<b>100.0</b>	<b>0.5</b>	<b>100.0</b>	<b>8.7</b>	<b>0.0</b>	<b>0.0</b>	<b>2,264</b>	<b>2.1</b>	<b>0.5</b>	<b>1</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B37. New Mexico oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	3,488	19.7	0.4	0.4	0.4	0.3	0.2	4,790	11.8	3.4	0.3	2.3	0.0	0.0	8,278	0.5	3.7	95	
1 - 2	2,128	12.0	0.9	0.7	1.2	1.0	1.4	3,197	7.9	9.2	0.9	8.4	0.1	0.1	5,325	1.0	10.2	71	
2 - 4	2,557	14.4	2.1	1.7	2.3	3.0	3.4	5,687	14.0	32.5	3.2	16.4	0.4	0.2	8,244	2.5	35.5	137	
4 - 6	1,696	9.6	2.3	1.9	3.9	3.8	6.5	4,831	11.9	46.8	4.6	27.6	0.6	0.4	6,527	2.9	50.6	176	
6 - 8	1,128	6.4	2.1	1.7	5.2	4.0	10.1	4,059	10.0	55.4	5.4	38.9	0.7	0.5	5,187	2.7	59.4	187	
8 - 10	888	5.0	2.1	1.7	6.6	4.3	13.9	3,264	8.1	57.3	5.6	50.3	0.7	0.6	4,152	2.7	61.7	161	
<b>Subtotal &lt;=10</b>	<b>11,885</b>	<b>66.9</b>	<b>9.8</b>	<b>8.1</b>	<b>2.5</b>	<b>16.4</b>	<b>4.1</b>	<b>25,828</b>	<b>63.7</b>	<b>204.6</b>	<b>19.9</b>	<b>23.3</b>	<b>2.5</b>	<b>0.3</b>	<b>37,713</b>	<b>12.3</b>	<b>221.0</b>	<b>827</b>	
10 - 12	603	3.4	1.7	1.4	8.1	3.7	17.4	2,688	6.6	57.8	5.6	61.6	0.6	0.7	3,291	2.4	61.5	158	
12 - 15	677	3.8	2.3	1.9	9.9	5.1	21.6	2,900	7.2	76.4	7.4	75.5	0.9	0.8	3,577	3.2	81.5	208	
<b>Subtotal &lt;=15</b>	<b>13,165</b>	<b>74.2</b>	<b>13.9</b>	<b>11.5</b>	<b>3.1</b>	<b>25.3</b>	<b>5.7</b>	<b>31,416</b>	<b>77.5</b>	<b>338.8</b>	<b>33.0</b>	<b>31.5</b>	<b>4.0</b>	<b>0.4</b>	<b>44,581</b>	<b>17.9</b>	<b>364.1</b>	<b>1,193</b>	
15 - 20	771	4.3	3.5	2.9	13.0	7.0	26.0	2,902	7.2	97.7	9.5	97.5	1.0	1.0	3,673	4.5	104.7	359	
20 - 25	517	2.9	3.0	2.5	16.5	6.3	34.8	1,712	4.2	72.2	7.0	125.7	0.8	1.3	2,229	3.7	78.5	309	
25 - 30	347	2.0	2.4	2.0	19.9	5.5	44.9	985	2.4	51.0	5.0	153.3	0.6	1.7	1,332	3.0	56.5	204	
30 - 40	528	3.0	4.7	3.9	25.1	10.6	57.0	1,121	2.8	71.6	7.0	192.2	0.9	2.3	1,649	5.5	82.2	363	
40 - 50	382	2.2	4.3	3.6	31.7	10.6	78.3	606	1.5	48.8	4.8	246.4	0.7	3.5	988	5.0	59.4	349	
50 - 100	907	5.1	16.4	13.6	50.8	38.2	118.2	1,115	2.8	132.4	12.9	362.0	3.1	8.4	2,022	19.5	170.6	1,010	
<b>Subtotal &lt;=100</b>	<b>16,617</b>	<b>93.6</b>	<b>48.1</b>	<b>39.8</b>	<b>8.5</b>	<b>103.4</b>	<b>18.3</b>	<b>39,857</b>	<b>98.3</b>	<b>812.5</b>	<b>79.0</b>	<b>59.8</b>	<b>11.0</b>	<b>0.8</b>	<b>56,474</b>	<b>59.2</b>	<b>915.9</b>	<b>3,787</b>	
100 - 200	519	2.9	18.0	14.8	99.7	43.6	242.1	444	1.1	92.6	9.0	626.4	4.9	33.3	963	22.9	136.1	746	
200 - 400	284	1.6	18.1	15.0	199.5	43.1	474.2	185	0.5	71.2	6.9	1,153.5	5.0	81.1	469	23.1	114.3	403	
400 - 800	226	1.3	23.3	19.3	382.1	60.2	985.2	52	0.1	38.6	3.8	2,150.3	3.5	194.3	278	26.8	98.8	269	
800 - 1,600	93	0.5	11.4	9.4	762.0	24.7	1,660.5	16	0.0	13.3	1.3	4,054.8	1.3	398.8	109	12.7	38.0	109	
1,600 - 3,200	15	0.1	2.1	1.7	1,307.9	4.3	2,702.7	0	0.0	0.0	0.0	0.0	0.0	0.0	15	2.1	4.3	15	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>17,754</b>	<b>100.0</b>	<b>121.0</b>	<b>100.0</b>	<b>20.2</b>	<b>279.3</b>	<b>46.5</b>	<b>40,554</b>	<b>100.0</b>	<b>1,028.1</b>	<b>100.0</b>	<b>74.4</b>	<b>25.7</b>	<b>1.9</b>	<b>58,308</b>	<b>146.7</b>	<b>1,307.4</b>	<b>5,329</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B38. Nevada oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	13	19.4	0.0	0.5	0.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	13	0.0	0.0	0	
1 - 2	6	9.0	0.0	0.8	1.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	0.0	0	
2 - 4	6	9.0	0.0	1.7	3.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	0.0	0	
4 - 6	5	7.5	0.0	3.3	5.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	0	
6 - 8	5	7.5	0.0	4.0	7.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	0	
8 - 10	5	7.5	0.0	6.3	9.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	0	
<b>Subtotal &lt;=10</b>	<b>40</b>	<b>59.7</b>	<b>0.0</b>	<b>16.5</b>	<b>3.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>40</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	
10 - 12	3	4.5	0.0	4.2	10.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
12 - 15	6	9.0	0.0	10.9	13.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	0.0	0	
<b>Subtotal &lt;=15</b>	<b>49</b>	<b>73.1</b>	<b>0.1</b>	<b>31.6</b>	<b>5.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>49</b>	<b>0.1</b>	<b>0.0</b>	<b>0</b>	
15 - 20	7	10.5	0.0	13.2	16.2	0.0	0.4	0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	0	
20 - 25	1	1.5	0.0	3.3	24.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
25 - 30	4	6.0	0.0	14.2	26.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	4	0.0	0.0	0	
30 - 40	3	4.5	0.0	14.2	35.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
40 - 50	2	3.0	0.0	11.9	45.1	0.0	1.8	0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0	
50 - 100	1	1.5	0.0	11.6	87.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
<b>Subtotal &lt;=100</b>	<b>67</b>	<b>100.0</b>	<b>0.3</b>	<b>100.0</b>	<b>12.9</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>67</b>	<b>0.3</b>	<b>0.0</b>	<b>0</b>	
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>67</b>	<b>100.0</b>	<b>0.3</b>	<b>100.0</b>	<b>12.9</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>67</b>	<b>0.3</b>	<b>0.0</b>	<b>0</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B39. New York oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	2,565	84.3	0.1	56.9	0.2	0.2	0.4	6,577	86.3	4.3	32.3	2.0	0.0	0.0	9,142	0.1	4.5	10	
1 - 2	246	8.1	0.0	20.6	1.2	0.0	1.1	761	10.0	2.2	16.8	8.0	0.0	0.0	1,007	0.0	2.3	8	
2 - 4	132	4.3	0.0	8.2	2.6	0.0	1.1	176	2.3	1.0	7.9	16.2	0.0	0.0	308	0.0	1.0	9	
4 - 6	55	1.8	0.0	6.9	4.7	0.0	0.8	31	0.4	0.3	2.4	27.7	0.0	0.0	86	0.0	0.3	3	
6 - 8	19	0.6	0.0	3.3	6.4	0.0	0.0	13	0.2	0.2	1.4	39.9	0.0	0.0	32	0.0	0.2	3	
8 - 10	19	0.6	0.0	2.4	8.5	0.0	0.0	12	0.2	0.2	1.8	53.5	0.0	0.0	31	0.0	0.2	6	
<b>Subtotal &lt;=10</b>	<b>3,036</b>	<b>99.8</b>	<b>0.2</b>	<b>98.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>7,570</b>	<b>99.3</b>	<b>8.3</b>	<b>62.6</b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>10,606</b>	<b>0.2</b>	<b>8.5</b>	<b>39</b>	
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0.2	68.0	0.0	0.0	1	0.0	0.0	0	
12 - 15	2	0.1	0.0	0.4	12.9	0.0	0.0	6	0.1	0.2	1.3	79.9	0.0	0.0	8	0.0	0.2	3	
<b>Subtotal &lt;=15</b>	<b>3,038</b>	<b>99.8</b>	<b>0.2</b>	<b>98.7</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>7,577</b>	<b>99.4</b>	<b>8.5</b>	<b>64.1</b>	<b>3.4</b>	<b>0.0</b>	<b>0.0</b>	<b>10,615</b>	<b>0.2</b>	<b>8.7</b>	<b>42</b>	
15 - 20	5	0.2	0.0	1.3	17.8	0.0	0.0	16	0.2	0.6	4.7	106.0	0.0	0.0	21	0.0	0.6	7	
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	6	0.1	0.3	2.2	133.1	0.0	0.0	6	0.0	0.3	2	
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.1	0.2	1.8	165.9	0.0	0.0	4	0.0	0.2	3	
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	6	0.1	0.5	3.6	219.0	0.0	0.0	6	0.0	0.5	2	
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.2	1.6	283.3	0.0	0.0	2	0.0	0.2	1	
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.1	1.1	8.6	388.3	0.0	0.0	8	0.0	1.1	0	
<b>Subtotal &lt;=100</b>	<b>3,043</b>	<b>100.0</b>	<b>0.2</b>	<b>100.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>7,619</b>	<b>99.9</b>	<b>11.4</b>	<b>86.7</b>	<b>4.6</b>	<b>0.0</b>	<b>0.0</b>	<b>10,662</b>	<b>0.2</b>	<b>11.7</b>	<b>57</b>	
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.8	5.8	690.8	0.0	0.0	3	0.0	0.8	2	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	1.0	7.6	1,364.8	0.0	0.0	2	0.0	1.0	1	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>3,043</b>	<b>100.0</b>	<b>0.2</b>	<b>100.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>7,624</b>	<b>100.0</b>	<b>13.2</b>	<b>100.0</b>	<b>5.3</b>	<b>0.0</b>	<b>0.0</b>	<b>10,667</b>	<b>0.2</b>	<b>13.4</b>	<b>60</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B40. Ohio oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	10,846	84.0	1.0	15.2	0.3	1.3	0.4	23,747	75.6	15.2	1.1	1.8	0.3	0.0	34,593	1.3	16.6	17
1 - 2	1,250	9.7	0.5	6.9	1.0	1.0	2.2	4,061	12.9	10.9	0.8	7.4	0.2	0.2	5,311	0.7	11.8	3
2 - 4	489	3.8	0.4	5.4	2.0	0.7	3.9	1,602	5.1	8.3	0.6	14.5	0.2	0.3	2,091	0.5	9.0	3
4 - 6	108	0.8	0.1	2.1	3.7	0.3	6.7	310	1.0	2.8	0.2	25.6	0.1	0.5	418	0.2	3.1	3
6 - 8	55	0.4	0.1	1.7	5.5	0.2	8.4	111	0.4	1.4	0.1	36.2	0.0	0.9	166	0.1	1.5	3
8 - 10	26	0.2	0.1	0.9	6.4	0.1	14.6	61	0.2	1.0	0.1	47.9	0.0	0.9	87	0.1	1.1	3
<b>Subtotal &lt;=10</b>	<b>12,774</b>	<b>99.0</b>	<b>2.1</b>	<b>32.2</b>	<b>0.5</b>	<b>3.6</b>	<b>0.8</b>	<b>29,892</b>	<b>95.1</b>	<b>39.6</b>	<b>2.8</b>	<b>3.7</b>	<b>0.8</b>	<b>0.1</b>	<b>42,666</b>	<b>2.9</b>	<b>43.2</b>	<b>32</b>
10 - 12	18	0.1	0.1	0.8	8.4	0.1	15.6	31	0.1	0.6	0.0	57.7	0.0	1.3	49	0.1	0.7	3
12 - 15	15	0.1	0.1	0.9	10.8	0.1	15.1	24	0.1	0.6	0.0	73.4	0.0	1.1	39	0.1	0.7	1
<b>Subtotal &lt;=15</b>	<b>12,807</b>	<b>99.2</b>	<b>2.3</b>	<b>33.9</b>	<b>0.5</b>	<b>3.8</b>	<b>0.8</b>	<b>29,947</b>	<b>95.3</b>	<b>40.8</b>	<b>2.9</b>	<b>3.8</b>	<b>0.8</b>	<b>0.1</b>	<b>42,754</b>	<b>3.1</b>	<b>44.5</b>	<b>36</b>
15 - 20	12	0.1	0.1	0.9	13.0	0.1	25.0	21	0.1	0.6	0.0	96.5	0.0	1.3	33	0.1	0.7	3
20 - 25	9	0.1	0.0	0.7	14.9	0.1	39.0	17	0.1	0.7	0.1	121.6	0.0	1.9	26	0.1	0.8	8
25 - 30	2	0.0	0.0	0.3	25.1	0.0	22.6	15	0.1	0.8	0.1	145.0	0.0	3.5	17	0.0	0.8	7
30 - 40	7	0.1	0.1	1.0	25.1	0.1	55.5	18	0.1	1.1	0.1	178.5	0.0	5.6	25	0.1	1.2	12
40 - 50	6	0.1	0.1	0.8	25.3	0.3	119.7	16	0.1	1.2	0.1	207.8	0.1	11.1	22	0.1	1.5	20
50 - 100	11	0.1	0.2	2.3	41.9	0.7	198.3	152	0.5	20.8	1.5	377.0	0.9	15.6	163	1.0	21.5	158
<b>Subtotal &lt;=100</b>	<b>12,854</b>	<b>99.6</b>	<b>2.6</b>	<b>39.8</b>	<b>0.6</b>	<b>5.1</b>	<b>1.1</b>	<b>30,186</b>	<b>96.1</b>	<b>66.0</b>	<b>4.7</b>	<b>6.1</b>	<b>1.8</b>	<b>0.2</b>	<b>43,040</b>	<b>4.5</b>	<b>71.1</b>	<b>244</b>
100 - 200	5	0.0	0.1	2.1	82.1	0.7	410.3	270	0.9	74.3	5.3	758.8	1.9	19.3	275	2.0	75.0	275
200 - 400	18	0.1	1.0	15.1	167.5	5.0	835.2	328	1.0	171.2	12.1	1,459.4	5.1	43.1	346	6.1	176.2	346
400 - 800	27	0.2	2.4	36.6	290.2	11.6	1,379.9	287	0.9	286.4	20.3	3,004.8	4.8	50.7	314	7.3	297.9	314
800 - 1,600	2	0.0	0.2	2.6	558.3	0.8	2,524.9	229	0.7	472.3	33.5	6,639.3	1.3	17.7	231	1.4	473.1	229
1,600 - 3,200	1	0.0	0.3	4.0	1,075.4	1.4	5,728.3	126	0.4	333.8	23.7	12,541.2	0.1	2.8	127	0.3	335.2	127
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	4.5	0.3	29,761.7	0.0	0.0	2	0.0	4.5	2
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	2.7	0.2	87,704.2	0.0	0.0	1	0.0	2.7	1
<b>Total</b>	<b>12,907</b>	<b>100.0</b>	<b>6.7</b>	<b>100.0</b>	<b>1.5</b>	<b>24.6</b>	<b>5.4</b>	<b>31,429</b>	<b>100.0</b>	<b>1,411.3</b>	<b>100.0</b>	<b>125.9</b>	<b>14.9</b>	<b>1.3</b>	<b>44,336</b>	<b>21.6</b>	<b>1,435.8</b>	<b>1,538</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B41. Oklahoma oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	20,415	51.6	2.3	2.1	0.4	0.2	0.0	7,059	14.7	5.3	0.3	2.5	0.0	0.0	27,474	2.3	5.5	513	
1 - 2	5,678	14.4	2.5	2.3	1.4	0.4	0.2	4,790	10.0	13.0	0.6	8.6	0.1	0.1	10,468	2.6	13.4	318	
2 - 4	4,617	11.7	4.0	3.6	2.7	1.6	1.1	6,931	14.4	38.2	1.9	16.8	0.3	0.1	11,548	4.3	39.8	547	
4 - 6	2,059	5.2	2.9	2.6	4.4	2.0	3.0	5,094	10.6	47.1	2.3	27.9	0.5	0.3	7,153	3.4	49.1	561	
6 - 8	1,034	2.6	2.1	2.0	6.1	1.6	4.7	3,680	7.7	47.0	2.3	39.0	0.5	0.5	4,714	2.7	48.6	434	
8 - 10	712	1.8	1.9	1.7	7.8	1.6	6.9	2,753	5.7	44.8	2.2	50.2	0.5	0.6	3,465	2.4	46.4	368	
<b>Subtotal &lt;=10</b>	<b>34,515</b>	<b>87.3</b>	<b>15.6</b>	<b>14.4</b>	<b>1.5</b>	<b>7.4</b>	<b>0.7</b>	<b>30,307</b>	<b>63.1</b>	<b>195.4</b>	<b>9.7</b>	<b>20.1</b>	<b>2.0</b>	<b>0.2</b>	<b>64,822</b>	<b>17.6</b>	<b>202.8</b>	<b>2,741</b>	
10 - 12	548	1.4	1.7	1.6	9.4	1.7	9.1	2,013	4.2	39.1	1.9	61.0	0.5	0.8	2,561	2.3	40.8	360	
12 - 15	588	1.5	2.3	2.1	11.3	2.5	12.5	2,205	4.6	52.3	2.6	74.1	0.7	1.0	2,793	3.0	54.8	473	
<b>Subtotal &lt;=15</b>	<b>35,651</b>	<b>90.2</b>	<b>19.6</b>	<b>18.0</b>	<b>1.8</b>	<b>11.6</b>	<b>1.0</b>	<b>34,525</b>	<b>71.9</b>	<b>286.8</b>	<b>14.2</b>	<b>25.9</b>	<b>3.3</b>	<b>0.3</b>	<b>70,176</b>	<b>22.9</b>	<b>298.4</b>	<b>3,574</b>	
15 - 20	618	1.6	3.0	2.7	14.3	3.7	17.8	2,456	5.1	72.4	3.6	95.0	1.1	1.4	3,074	4.1	76.1	749	
20 - 25	401	1.0	2.4	2.2	18.4	3.1	24.3	1,706	3.6	65.2	3.2	121.1	1.2	2.1	2,107	3.5	68.3	718	
25 - 30	343	0.9	2.4	2.2	21.3	4.1	36.3	1,280	2.7	57.8	2.9	147.0	1.1	2.9	1,623	3.5	61.9	660	
30 - 40	501	1.3	4.4	4.1	26.9	7.4	44.9	1,666	3.5	92.8	4.6	184.1	2.0	4.0	2,167	6.5	100.2	1,045	
40 - 50	310	0.8	3.5	3.2	34.4	6.2	60.4	1,122	2.3	79.4	3.9	231.9	2.1	6.1	1,432	5.6	85.6	809	
50 - 100	699	1.8	11.1	10.2	53.8	22.1	107.1	2,738	5.7	312.0	15.5	369.6	7.6	9.0	3,437	18.7	334.1	2,381	
<b>Subtotal &lt;=100</b>	<b>38,523</b>	<b>97.5</b>	<b>46.4</b>	<b>42.7</b>	<b>3.9</b>	<b>58.2</b>	<b>4.8</b>	<b>45,493</b>	<b>94.7</b>	<b>966.5</b>	<b>47.9</b>	<b>66.9</b>	<b>18.3</b>	<b>1.3</b>	<b>84,016</b>	<b>64.8</b>	<b>1,024.7</b>	<b>9,936</b>	
100 - 200	436	1.1	14.1	12.9	106.0	28.4	213.9	1,489	3.1	330.2	16.4	717.9	7.8	16.9	1,925	21.8	358.6	1,558	
200 - 400	309	0.8	16.0	14.7	195.3	40.9	498.1	584	1.2	236.9	11.7	1,385.9	8.2	47.9	893	24.2	277.8	793	
400 - 800	183	0.5	17.3	15.9	396.9	40.3	925.6	327	0.7	264.4	13.1	2,718.0	8.8	90.9	510	26.1	304.7	485	
800 - 1,600	68	0.2	10.0	9.2	727.0	25.5	1,843.1	125	0.3	176.8	8.8	5,623.1	3.7	118.8	193	13.8	202.3	181	
1,600 - 3,200	10	0.0	4.2	3.9	2,086.7	1.5	746.0	20	0.0	43.5	2.2	10,243.4	0.7	157.8	30	4.9	45.0	25	
3,200 - 6,400	1	0.0	0.8	0.8	3,810.5	0.0	7.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.8	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	1.3	0.1	42,482.7	0.0	0.0	1	0.0	1.3	1	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>39,530</b>	<b>100.0</b>	<b>108.9</b>	<b>100.0</b>	<b>8.9</b>	<b>194.7</b>	<b>15.9</b>	<b>48,039</b>	<b>100.0</b>	<b>2,019.6</b>	<b>100.0</b>	<b>132.7</b>	<b>47.6</b>	<b>3.1</b>	<b>87,569</b>	<b>156.4</b>	<b>2,214.3</b>	<b>12,979</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B42. Oregon oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	0	0.0	0.0	0.0	0.0	0.0	0.0	2	18.2	0.0	0.2	1.6	0.0	0.0	2	0.0	0.0	0
1 - 2	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
2 - 4	0	0.0	0.0	0.0	0.0	0.0	0.0	2	18.2	0.0	4.0	23.3	0.0	0.0	2	0.0	0.0	0
4 - 6	0	0.0	0.0	0.0	0.0	0.0	0.0	3	27.3	0.0	9.6	28.7	0.0	0.0	3	0.0	0.0	0
6 - 8	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
8 - 10	0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.1	0.0	6.8	59.3	0.0	0.0	1	0.0	0.0	0
<b>Subtotal &lt;=10</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8</b>	<b>72.7</b>	<b>0.1</b>	<b>20.6</b>	<b>28.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
12 - 15	0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.1	0.0	9.5	82.3	0.0	0.0	1	0.0	0.0	0
<b>Subtotal &lt;=15</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9</b>	<b>81.8</b>	<b>0.1</b>	<b>30.1</b>	<b>35.3</b>	<b>0.0</b>	<b>0.0</b>	<b>9</b>	<b>0.0</b>	<b>0.1</b>	<b>0</b>
15 - 20	0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.1	0.0	11.1	96.6	0.0	0.0	1	0.0	0.0	0
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.1	0.2	58.8	511.8	0.0	0.0	1	0.0	0.2	0
<b>Subtotal &lt;=100</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11</b>	<b>100.0</b>	<b>0.3</b>	<b>100.0</b>	<b>92.5</b>	<b>0.0</b>	<b>0.0</b>	<b>11</b>	<b>0.0</b>	<b>0.3</b>	<b>0</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11</b>	<b>100.0</b>	<b>0.3</b>	<b>100.0</b>	<b>92.5</b>	<b>0.0</b>	<b>0.0</b>	<b>11</b>	<b>0.0</b>	<b>0.3</b>	<b>0</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B43. Pennsylvania oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	10,497	92.7	0.7	62.7	0.2	1.4	0.4	45,272	66.4	35.5	0.7	2.2	0.3	0.0	55,769	1.0	36.9	25	
1 - 2	677	6.0	0.2	19.5	0.9	0.7	2.9	10,966	16.1	32.7	0.6	8.2	0.1	0.0	11,643	0.3	33.4	22	
2 - 4	86	0.8	0.1	5.0	2.1	0.1	4.3	3,520	5.2	20.0	0.4	15.7	0.0	0.0	3,606	0.1	20.1	28	
4 - 6	23	0.2	0.0	1.9	4.7	0.0	3.2	568	0.8	5.8	0.1	28.5	0.0	0.0	591	0.0	5.8	30	
6 - 8	15	0.1	0.0	1.2	4.4	0.0	14.2	237	0.4	3.5	0.1	41.2	0.0	0.1	252	0.0	3.5	27	
8 - 10	5	0.0	0.0	0.8	5.9	0.0	19.4	139	0.2	2.6	0.1	53.4	0.0	0.1	144	0.0	2.6	24	
<b>Subtotal &lt;=10</b>	<b>11,303</b>	<b>99.8</b>	<b>1.0</b>	<b>91.1</b>	<b>0.3</b>	<b>2.2</b>	<b>0.6</b>	<b>60,702</b>	<b>89.1</b>	<b>100.1</b>	<b>1.9</b>	<b>4.7</b>	<b>0.4</b>	<b>0.0</b>	<b>72,005</b>	<b>1.4</b>	<b>102.4</b>	<b>156</b>	
10 - 12	14	0.1	0.0	2.3	7.2	0.1	22.3	95	0.1	2.2	0.0	66.1	0.0	0.0	109	0.0	2.3	15	
12 - 15	3	0.0	0.0	0.5	10.1	0.0	21.4	111	0.2	3.1	0.1	80.0	0.0	0.1	114	0.0	3.1	20	
<b>Subtotal &lt;=15</b>	<b>11,320</b>	<b>100.0</b>	<b>1.0</b>	<b>94.0</b>	<b>0.3</b>	<b>2.3</b>	<b>0.7</b>	<b>60,908</b>	<b>89.4</b>	<b>105.4</b>	<b>2.0</b>	<b>4.9</b>	<b>0.4</b>	<b>0.0</b>	<b>72,228</b>	<b>1.5</b>	<b>107.8</b>	<b>191</b>	
15 - 20	1	0.0	0.0	0.2	19.2	0.0	0.0	89	0.1	3.3	0.1	103.7	0.0	0.1	90	0.0	3.3	26	
20 - 25	1	0.0	0.0	0.5	14.1	0.0	47.5	73	0.1	3.3	0.1	132.8	0.0	0.1	74	0.0	3.3	35	
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	61	0.1	3.6	0.1	165.6	0.0	0.4	61	0.0	3.6	42	
30 - 40	1	0.0	0.0	0.1	31.3	0.0	0.0	128	0.2	9.3	0.2	208.8	0.0	0.3	129	0.0	9.3	110	
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	159	0.2	15.5	0.3	270.8	0.0	0.3	159	0.0	15.5	146	
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	1,155	1.7	184.2	3.5	443.3	0.5	1.2	1,155	0.5	184.2	1,148	
<b>Subtotal &lt;=100</b>	<b>11,323</b>	<b>100.0</b>	<b>1.0</b>	<b>94.7</b>	<b>0.3</b>	<b>2.3</b>	<b>0.7</b>	<b>62,573</b>	<b>91.8</b>	<b>324.5</b>	<b>6.2</b>	<b>14.7</b>	<b>1.0</b>	<b>0.0</b>	<b>73,896</b>	<b>2.0</b>	<b>326.8</b>	<b>1,698</b>	
100 - 200	1	0.0	0.1	5.3	159.5	0.0	10.0	1,626	2.4	503.7	9.7	860.0	1.1	1.9	1,627	1.2	503.7	1,621	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	1,775	2.6	1,076.3	20.6	1,708.4	1.8	2.8	1,775	1.8	1,076.3	1,774	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	1,419	2.1	1,609.6	30.9	3,332.0	1.2	2.4	1,419	1.2	1,609.6	1,414	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	614	0.9	1,261.8	24.2	6,575.3	0.1	0.6	614	0.1	1,261.8	612	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	146	0.2	406.1	7.8	12,091.5	0.0	0.1	146	0.0	406.1	146	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	11	0.0	32.8	0.6	21,034.9	0.0	0.0	11	0.0	32.8	10	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	1.4	0.0	45,830.2	0.0	0.0	1	0.0	1.4	1	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0		
<b>Total</b>	<b>11,324</b>	<b>100.0</b>	<b>1.1</b>	<b>100.0</b>	<b>0.3</b>	<b>2.3</b>	<b>0.7</b>	<b>68,165</b>	<b>100.0</b>	<b>5,216.2</b>	<b>100.0</b>	<b>216.8</b>	<b>5.2</b>	<b>0.2</b>	<b>79,489</b>	<b>6.3</b>	<b>5,218.6</b>	<b>7,276</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B44. South Dakota oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells						Gas wells						Total wells					
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	7	6.5	0.0	0.1	0.5	0.0	0.0	18	17.1	0.0	0.2	3.1	0.0	0.0	25	0.0	0.0	5
1 - 2	2	1.9	0.0	0.1	1.6	0.0	0.0	16	15.2	0.0	0.5	8.7	0.0	0.0	18	0.0	0.0	1
2 - 4	4	3.7	0.0	0.4	2.6	0.0	0.0	12	11.4	0.1	0.7	15.9	0.0	0.0	16	0.0	0.1	1
4 - 6	4	3.7	0.0	0.6	5.2	0.0	1.1	4	3.8	0.0	0.4	27.7	0.0	0.0	8	0.0	0.0	3
6 - 8	3	2.8	0.0	0.6	7.2	0.0	0.0	2	1.9	0.0	0.3	35.9	0.0	1.8	5	0.0	0.0	0
8 - 10	7	6.5	0.0	2.1	8.8	0.0	0.3	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	3
<b>Subtotal &lt;=10</b>	<b>27</b>	<b>25.0</b>	<b>0.0</b>	<b>3.8</b>	<b>4.5</b>	<b>0.0</b>	<b>0.3</b>	<b>52</b>	<b>49.5</b>	<b>0.2</b>	<b>2.1</b>	<b>11.5</b>	<b>0.0</b>	<b>0.1</b>	<b>79</b>	<b>0.0</b>	<b>0.2</b>	<b>13</b>
10 - 12	5	4.6	0.0	1.9	11.1	0.0	1.3	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	3
12 - 15	5	4.6	0.0	1.8	11.8	0.0	11.6	1	1.0	0.0	0.3	77.8	0.0	1.9	6	0.0	0.0	4
<b>Subtotal &lt;=15</b>	<b>37</b>	<b>34.3</b>	<b>0.1</b>	<b>7.4</b>	<b>6.4</b>	<b>0.0</b>	<b>1.9</b>	<b>53</b>	<b>50.5</b>	<b>0.2</b>	<b>2.4</b>	<b>12.8</b>	<b>0.0</b>	<b>0.1</b>	<b>90</b>	<b>0.1</b>	<b>0.3</b>	<b>20</b>
15 - 20	13	12.0	0.1	7.4	16.7	0.0	3.2	1	1.0	0.0	0.2	56.7	0.0	8.4	14	0.1	0.0	11
20 - 25	11	10.2	0.1	7.9	21.1	0.0	2.0	1	1.0	0.0	0.4	119.8	0.0	3.2	12	0.1	0.0	12
25 - 30	8	7.4	0.1	6.7	24.7	0.0	16.7	2	1.9	0.1	1.1	146.1	0.0	5.3	10	0.1	0.2	7
30 - 40	15	13.9	0.2	16.7	33.1	0.1	11.2	7	6.7	0.4	4.3	173.7	0.0	8.9	22	0.2	0.5	20
40 - 50	7	6.5	0.1	10.3	43.4	0.0	16.5	1	1.0	0.1	0.7	230.7	0.0	3.6	8	0.1	0.1	7
50 - 100	13	12.0	0.3	27.9	63.3	0.1	17.4	16	15.2	2.3	23.1	385.9	0.1	13.3	29	0.4	2.3	27
<b>Subtotal &lt;=100</b>	<b>104</b>	<b>96.3</b>	<b>0.9</b>	<b>84.3</b>	<b>24.7</b>	<b>0.3</b>	<b>7.6</b>	<b>81</b>	<b>77.1</b>	<b>3.1</b>	<b>32.2</b>	<b>112.3</b>	<b>0.1</b>	<b>3.9</b>	<b>185</b>	<b>1.0</b>	<b>3.4</b>	<b>104</b>
100 - 200	4	3.7	0.2	15.7	115.6	0.1	36.4	20	19.1	4.9	50.3	677.3	0.2	22.3	24	0.3	5.0	24
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	4	3.8	1.7	17.5	1,171.1	0.1	38.0	4	0.1	1.7	4
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>108</b>	<b>100.0</b>	<b>1.1</b>	<b>100.0</b>	<b>28.1</b>	<b>0.3</b>	<b>8.7</b>	<b>105</b>	<b>100.0</b>	<b>9.8</b>	<b>100.0</b>	<b>266.2</b>	<b>0.3</b>	<b>8.9</b>	<b>213</b>	<b>1.4</b>	<b>10.1</b>	<b>132</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B45. Tennessee oil and gas well summary statistics, 2012

Prod. rate bracket (BOE/day)	Oil wells				Gas wells				Total wells				Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)				Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells
0 - 1	645	73.5	0.1	19.7	0.3	0.0	0.0	559	54.4	0.5	8.1	2.3	0.0	0.0	1,204	0.1	0.5	2
1 - 2	117	13.3	0.1	13.3	1.3	0.0	0.5	217	21.1	0.6	10.9	8.0	0.0	0.1	334	0.1	0.6	2
2 - 4	72	8.2	0.1	16.0	2.6	0.0	1.3	108	10.5	0.6	10.9	16.0	0.0	0.1	180	0.1	0.7	10
4 - 6	17	1.9	0.0	7.5	4.6	0.0	1.4	45	4.4	0.5	8.2	29.0	0.0	0.1	62	0.0	0.5	5
6 - 8	9	1.0	0.0	5.2	6.0	0.0	2.1	30	2.9	0.5	7.7	41.0	0.0	0.0	39	0.0	0.5	2
8 - 10	5	0.6	0.0	3.7	8.7	0.0	2.9	8	0.8	0.2	2.7	53.5	0.0	0.2	13	0.0	0.2	3
<b>Subtotal &lt;=10</b>	<b>865</b>	<b>98.5</b>	<b>0.2</b>	<b>65.4</b>	<b>0.8</b>	<b>0.1</b>	<b>0.3</b>	<b>967</b>	<b>94.2</b>	<b>2.8</b>	<b>48.5</b>	<b>8.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,832</b>	<b>0.3</b>	<b>2.9</b>	<b>24</b>
10 - 12	3	0.3	0.0	1.3	11.7	0.0	0.0	10	1.0	0.2	4.1	65.8	0.0	0.0	13	0.0	0.2	1
12 - 15	1	0.1	0.0	1.3	13.7	0.0	0.0	12	1.2	0.3	6.0	79.1	0.0	0.1	13	0.0	0.3	2
<b>Subtotal &lt;=15</b>	<b>869</b>	<b>99.0</b>	<b>0.3</b>	<b>68.1</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>989</b>	<b>96.3</b>	<b>3.4</b>	<b>58.6</b>	<b>9.4</b>	<b>0.0</b>	<b>0.0</b>	<b>1,858</b>	<b>0.3</b>	<b>3.5</b>	<b>27</b>
15 - 20	3	0.3	0.0	3.1	15.2	0.0	6.3	14	1.4	0.5	9.3	105.2	0.0	0.0	17	0.0	0.5	3
20 - 25	2	0.2	0.0	4.4	22.9	0.0	0.0	7	0.7	0.3	5.9	133.7	0.0	0.0	9	0.0	0.3	1
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.2	0.1	2.0	158.9	0.0	0.0	2	0.0	0.1	0
30 - 40	1	0.1	0.0	3.2	33.3	0.0	0.0	9	0.9	0.7	12.2	214.8	0.0	0.0	10	0.0	0.7	1
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.3	0.3	4.9	257.2	0.0	0.0	3	0.0	0.3	0
50 - 100	3	0.3	0.1	21.2	73.1	0.0	0.0	3	0.3	0.4	7.3	385.8	0.0	1.1	6	0.1	0.4	0
<b>Subtotal &lt;=100</b>	<b>878</b>	<b>100.0</b>	<b>0.4</b>	<b>100.0</b>	<b>1.3</b>	<b>0.1</b>	<b>0.3</b>	<b>1,027</b>	<b>100.0</b>	<b>5.8</b>	<b>100.0</b>	<b>15.5</b>	<b>0.0</b>	<b>0.0</b>	<b>1,905</b>	<b>0.4</b>	<b>5.9</b>	<b>32</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>878</b>	<b>100.0</b>	<b>0.4</b>	<b>100.0</b>	<b>1.3</b>	<b>0.1</b>	<b>0.3</b>	<b>1,027</b>	<b>100.0</b>	<b>5.8</b>	<b>100.0</b>	<b>15.5</b>	<b>0.0</b>	<b>0.0</b>	<b>1,905</b>	<b>0.4</b>	<b>5.9</b>	<b>32</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B46. Texas oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells								Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count		
0 - 1	65,251	37.1	7.0	0.7	0.3	2.6	0.1	22,489	16.6	16.2	0.3	2.2	0.3	0.0	87,740	7.2	18.8	1,799		
1 - 2	19,905	11.3	9.2	0.9	1.3	4.8	0.7	12,474	9.2	34.3	0.5	8.1	0.5	0.1	32,379	9.7	39.1	988		
2 - 4	21,234	12.1	19.4	2.0	2.6	14.1	1.9	16,878	12.5	91.7	1.4	16.0	1.5	0.3	38,112	20.9	105.8	1,576		
4 - 6	12,942	7.4	19.7	2.0	4.3	17.5	3.8	11,020	8.2	100.0	1.5	26.7	1.8	0.5	23,962	21.5	117.5	1,339		
6 - 8	8,278	4.7	17.5	1.8	6.0	16.7	5.7	8,219	6.1	104.9	1.6	37.6	1.9	0.7	16,497	19.4	121.7	1,291		
8 - 10	5,885	3.4	15.9	1.6	7.6	16.8	8.0	6,686	5.0	110.5	1.7	48.7	1.9	0.9	12,571	17.9	127.3	1,293		
<b>Subtotal &lt;=10</b>	<b>133,495</b>	<b>75.9</b>	<b>88.8</b>	<b>8.9</b>	<b>1.9</b>	<b>72.5</b>	<b>1.6</b>	<b>77,766</b>	<b>57.5</b>	<b>457.6</b>	<b>7.1</b>	<b>17.6</b>	<b>7.9</b>	<b>0.3</b>	<b>211,261</b>	<b>96.7</b>	<b>530.1</b>	<b>8,286</b>		
10 - 12	4,321	2.5	14.1	1.4	9.3	15.6	10.3	5,473	4.1	111.0	1.7	59.5	1.9	1.0	9,794	16.0	126.6	1,148		
12 - 15	4,917	2.8	19.4	2.0	11.2	22.4	12.9	6,573	4.9	165.2	2.6	73.5	2.7	1.2	11,490	22.1	187.6	1,774		
<b>Subtotal &lt;=15</b>	<b>142,733</b>	<b>81.2</b>	<b>122.4</b>	<b>12.3</b>	<b>2.5</b>	<b>110.5</b>	<b>2.2</b>	<b>89,812</b>	<b>66.4</b>	<b>733.8</b>	<b>11.3</b>	<b>24.4</b>	<b>12.5</b>	<b>0.4</b>	<b>232,545</b>	<b>134.9</b>	<b>844.4</b>	<b>11,208</b>		
15 - 20	5,426	3.1	27.3	2.8	14.3	34.6	18.1	8,202	6.1	265.2	4.1	94.6	4.4	1.6	13,628	31.7	299.8	2,812		
20 - 25	3,681	2.1	23.6	2.4	18.2	31.9	24.6	5,836	4.3	244.3	3.8	122.1	4.0	2.0	9,517	27.6	276.2	2,805		
25 - 30	2,501	1.4	19.6	2.0	22.1	27.9	31.6	4,201	3.1	214.5	3.3	149.2	3.6	2.5	6,702	23.2	242.4	2,526		
30 - 40	3,674	2.1	35.8	3.6	27.8	53.1	41.2	6,006	4.4	384.4	5.9	189.1	6.3	3.1	9,680	42.1	437.5	4,716		
40 - 50	2,578	1.5	31.7	3.2	35.1	52.0	57.7	4,093	3.0	335.4	5.2	242.1	6.0	4.4	6,671	37.7	387.4	4,090		
50 - 100	6,366	3.6	122.5	12.3	55.1	206.8	93.1	9,310	6.9	1,157.5	17.9	366.3	26.7	8.4	15,676	149.1	1,364.3	11,675		
<b>Subtotal &lt;=100</b>	<b>166,959</b>	<b>95.0</b>	<b>382.9</b>	<b>38.5</b>	<b>6.6</b>	<b>516.8</b>	<b>8.9</b>	<b>127,460</b>	<b>94.3</b>	<b>3,335.1</b>	<b>51.5</b>	<b>77.7</b>	<b>63.5</b>	<b>1.5</b>	<b>294,419</b>	<b>446.4</b>	<b>3,851.9</b>	<b>39,832</b>		
100 - 200	3,921	2.2	143.7	14.5	106.5	269.3	199.5	4,481	3.3	1,041.3	16.1	694.8	32.9	21.9	8,402	176.6	1,310.6	6,931		
200 - 400	2,517	1.4	170.4	17.1	210.3	336.4	415.2	2,005	1.5	851.3	13.2	1,328.4	34.6	54.0	4,522	205.0	1,187.7	3,970		
400 - 800	1,817	1.0	194.3	19.5	416.4	367.9	788.6	874	0.7	687.6	10.6	2,625.2	26.1	99.7	2,691	220.4	1,055.5	2,484		
800 - 1,600	518	0.3	83.2	8.4	768.9	163.9	1,514.3	284	0.2	381.9	5.9	5,346.8	12.3	172.0	802	95.5	545.8	736		
1,600 - 3,200	70	0.0	18.1	1.8	1,586.3	31.5	2,764.2	55	0.0	113.6	1.8	11,517.5	1.7	176.6	125	19.8	145.1	116		
3,200 - 6,400	6	0.0	2.3	0.2	3,115.3	3.1	4,192.0	18	0.0	50.7	0.8	22,200.6	0.4	164.8	24	2.7	53.8	23		
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.0	12.4	0.2	45,275.6	0.0	0.0	4	0.0	12.4	4		
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0		
<b>Total</b>	<b>175,808</b>	<b>100.0</b>	<b>995.0</b>	<b>100.0</b>	<b>16.4</b>	<b>1,689.0</b>	<b>27.9</b>	<b>135,181</b>	<b>100.0</b>	<b>6,473.8</b>	<b>100.0</b>	<b>142.5</b>	<b>171.6</b>	<b>3.8</b>	<b>310,989</b>	<b>1,166.5</b>	<b>8,162.8</b>	<b>54,096</b>		

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B47. Utah oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells			
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	238	5.7	0.0	0.1	0.3	0.0	0.3	396	4.7	0.3	0.1	2.5	0.0	0.0	634	0.0	0.3	8
1 - 2	119	2.8	0.0	0.1	1.3	0.0	1.3	371	4.4	1.1	0.3	8.9	0.0	0.1	490	0.0	1.1	6
2 - 4	360	8.6	0.3	1.1	2.6	0.4	3.1	751	8.9	4.3	1.3	16.8	0.0	0.2	1,111	0.3	4.6	5
4 - 6	403	9.6	0.6	2.1	4.2	0.7	5.3	737	8.7	6.7	2.1	27.2	0.1	0.5	1,140	0.7	7.5	5
6 - 8	364	8.7	0.8	2.8	5.9	0.9	6.9	650	7.7	8.4	2.6	38.5	0.1	0.5	1,014	0.9	9.3	9
8 - 10	372	8.9	1.0	3.6	7.5	1.2	9.2	617	7.3	10.1	3.1	49.7	0.2	0.7	989	1.1	11.3	4
<b>Subtotal &lt;=10</b>	<b>1,856</b>	<b>44.3</b>	<b>2.7</b>	<b>9.8</b>	<b>4.5</b>	<b>3.2</b>	<b>5.4</b>	<b>3,522</b>	<b>41.8</b>	<b>30.9</b>	<b>9.5</b>	<b>26.6</b>	<b>0.4</b>	<b>0.4</b>	<b>5,378</b>	<b>3.1</b>	<b>34.1</b>	<b>37</b>
10 - 12	284	6.8	0.9	3.4	9.2	1.1	11.0	570	6.8	11.6	3.6	61.0	0.2	0.8	854	1.1	12.7	6
12 - 15	370	8.8	1.5	5.4	11.0	1.9	14.2	724	8.6	18.3	5.7	75.5	0.2	0.9	1,094	1.7	20.2	5
<b>Subtotal &lt;=15</b>	<b>2,510</b>	<b>59.9</b>	<b>5.1</b>	<b>18.6</b>	<b>6.1</b>	<b>6.2</b>	<b>7.5</b>	<b>4,816</b>	<b>57.1</b>	<b>60.7</b>	<b>18.8</b>	<b>38.1</b>	<b>0.8</b>	<b>0.5</b>	<b>7,326</b>	<b>5.9</b>	<b>67.0</b>	<b>48</b>
15 - 20	391	9.3	2.0	7.4	14.4	2.4	17.0	891	10.6	29.4	9.1	98.0	0.3	1.0	1,282	2.3	31.7	14
20 - 25	295	7.0	1.9	7.0	18.2	2.6	24.8	701	8.3	30.9	9.5	128.1	0.2	1.0	996	2.1	33.5	5
25 - 30	191	4.6	1.5	5.4	21.4	2.4	35.5	499	5.9	27.2	8.4	157.1	0.2	1.2	690	1.7	29.6	10
30 - 40	221	5.3	2.2	8.0	28.1	3.1	40.4	555	6.6	37.1	11.5	197.3	0.3	1.4	776	2.4	40.3	13
40 - 50	138	3.3	1.7	6.3	35.4	2.7	55.3	326	3.9	28.7	8.9	256.8	0.2	1.6	464	1.9	31.4	6
50 - 100	279	6.7	5.2	18.9	54.3	8.7	91.2	491	5.8	61.9	19.1	379.2	0.7	4.0	770	5.8	70.6	20
<b>Subtotal &lt;=100</b>	<b>4,025</b>	<b>96.1</b>	<b>19.5</b>	<b>71.5</b>	<b>14.3</b>	<b>28.1</b>	<b>20.6</b>	<b>8,279</b>	<b>98.2</b>	<b>276.0</b>	<b>85.2</b>	<b>99.7</b>	<b>2.7</b>	<b>1.0</b>	<b>12,304</b>	<b>22.2</b>	<b>304.1</b>	<b>116</b>
100 - 200	107	2.6	3.6	13.4	106.3	6.7	194.8	109	1.3	26.7	8.2	753.7	0.3	7.5	216	3.9	33.3	19
200 - 400	38	0.9	2.2	8.0	215.1	3.5	343.8	32	0.4	13.3	4.1	1,487.8	0.1	14.4	70	2.3	16.8	7
400 - 800	17	0.4	1.4	5.2	485.0	1.2	428.1	8	0.1	7.9	2.5	3,063.0	0.2	83.7	25	1.6	9.2	10
800 - 1,600	3	0.1	0.5	1.9	768.7	1.8	2,628.2	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.5	1.8	2
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>4,190</b>	<b>100.0</b>	<b>27.3</b>	<b>100.0</b>	<b>19.3</b>	<b>41.3</b>	<b>29.2</b>	<b>8,428</b>	<b>100.0</b>	<b>323.8</b>	<b>100.0</b>	<b>115.0</b>	<b>3.3</b>	<b>1.2</b>	<b>12,618</b>	<b>30.5</b>	<b>365.1</b>	<b>154</b>

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B48. Virginia oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells							Gas wells							Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	6	85.7	0.0	55.2	0.2	0.0	0.0	552	6.8	0.6	0.5	3.4	0.0	0.0	558	0.0	0.6	5	
1 - 2	1	14.3	0.0	44.8	1.5	0.0	0.0	834	10.2	2.7	2.3	9.0	0.0	0.0	835	0.0	2.7	3	
2 - 4	0	0.0	0.0	0.0	0.0	0.0	0.0	1,934	23.7	12.6	10.5	18.0	0.0	0.0	1,934	0.0	12.6	4	
4 - 6	0	0.0	0.0	0.0	0.0	0.0	0.0	1,393	17.1	14.9	12.4	29.6	0.0	0.0	1,393	0.0	14.9	16	
6 - 8	0	0.0	0.0	0.0	0.0	0.0	0.0	1,022	12.5	15.4	12.8	41.4	0.0	0.0	1,022	0.0	15.4	20	
8 - 10	0	0.0	0.0	0.0	0.0	0.0	0.0	728	8.9	14.2	11.8	53.8	0.0	0.0	728	0.0	14.2	23	
<b>Subtotal &lt;=10</b>	<b>7</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>6,463</b>	<b>79.3</b>	<b>60.5</b>	<b>50.3</b>	<b>25.9</b>	<b>0.0</b>	<b>0.0</b>	<b>6,470</b>	<b>0.0</b>	<b>60.5</b>	<b>71</b>	
10 - 12	0	0.0	0.0	0.0	0.0	0.0	0.0	492	6.0	11.8	9.8	65.8	0.0	0.0	492	0.0	11.8	8	
12 - 15	0	0.0	0.0	0.0	0.0	0.0	0.0	542	6.7	15.7	13.1	79.9	0.0	0.0	542	0.0	15.7	18	
<b>Subtotal &lt;=15</b>	<b>7</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>7,497</b>	<b>92.0</b>	<b>88.0</b>	<b>73.2</b>	<b>32.5</b>	<b>0.0</b>	<b>0.0</b>	<b>7,504</b>	<b>0.0</b>	<b>88.0</b>	<b>97</b>	
15 - 20	0	0.0	0.0	0.0	0.0	0.0	0.0	410	5.0	15.0	12.4	102.2	0.0	0.0	410	0.0	15.0	11	
20 - 25	0	0.0	0.0	0.0	0.0	0.0	0.0	115	1.4	5.2	4.3	132.0	0.0	0.0	115	0.0	5.2	1	
25 - 30	0	0.0	0.0	0.0	0.0	0.0	0.0	37	0.5	2.1	1.8	163.4	0.0	0.0	37	0.0	2.1	3	
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	45	0.6	3.1	2.6	205.0	0.0	0.0	45	0.0	3.1	1	
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	11	0.1	0.9	0.7	266.9	0.0	0.0	11	0.0	0.9	1	
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	19	0.2	2.3	1.9	419.2	0.0	0.0	19	0.0	2.3	1	
<b>Subtotal &lt;=100</b>	<b>7</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>8,134</b>	<b>99.8</b>	<b>116.5</b>	<b>96.9</b>	<b>39.7</b>	<b>0.0</b>	<b>0.0</b>	<b>8,141</b>	<b>0.0</b>	<b>116.5</b>	<b>115</b>	
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	17	0.2	3.6	3.0	804.1	0.0	0.0	17	0.0	3.6	0	
200 - 400	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.2	0.1	1,277.3	0.0	0.0	1	0.0	0.2	0	
400 - 800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>7</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>8,152</b>	<b>100.0</b>	<b>120.2</b>	<b>100.0</b>	<b>40.9</b>	<b>0.0</b>	<b>0.0</b>	<b>8,159</b>	<b>0.0</b>	<b>120.2</b>	<b>115</b>	

## Notes:

- 1) Source: State administrative oil & natural gas data thru DrillingInfo.
- 2) The total volumes shown in the distribution tables may not exactly agree with other related data, including other EIA sources. Major reasons for differences include: the timing of updates from state and commercial sources, the summed production of available well-level production data versus state-level aggregations of production, and how a well is defined and which entities are counted and summed.
- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in DrillingInfo database.
- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
- 7) Gas volumes have been converted from the various state pressure bases to the Federal base (14.73 psia).

Data available as of November 2017.

Table B49. West Virginia oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells					Gas wells					Total wells							
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
0 - 1	3,012	81.3	0.2	31.1	0.3	0.3	0.4	29,920	56.2	23.3	1.7	2.3	0.1	0.0	32,932	0.3	23.6	77
1 - 2	332	9.0	0.1	13.0	1.1	0.1	1.6	10,355	19.4	31.0	2.3	8.5	0.1	0.0	10,687	0.2	31.1	66
2 - 4	202	5.5	0.1	18.5	2.4	0.2	2.7	6,963	13.1	40.1	2.9	16.5	0.1	0.0	7,165	0.2	40.2	125
4 - 6	85	2.3	0.1	10.7	4.1	0.1	4.9	2,187	4.1	21.6	1.6	28.7	0.0	0.0	2,272	0.1	21.7	118
6 - 8	30	0.8	0.0	5.9	5.3	0.1	8.1	876	1.6	11.9	0.9	40.9	0.0	0.1	906	0.1	12.0	86
8 - 10	18	0.5	0.0	5.6	7.3	0.1	10.6	429	0.8	7.4	0.5	53.2	0.0	0.1	447	0.1	7.5	59
<b>Subtotal &lt;=10</b>	<b>3,679</b>	<b>99.3</b>	<b>0.7</b>	<b>84.8</b>	<b>0.6</b>	<b>0.9</b>	<b>0.8</b>	<b>50,730</b>	<b>95.2</b>	<b>135.2</b>	<b>9.8</b>	<b>7.7</b>	<b>0.3</b>	<b>0.0</b>	<b>54,409</b>	<b>1.0</b>	<b>136.1</b>	<b>531</b>
10 - 12	5	0.1	0.0	1.4	8.5	0.0	13.4	234	0.4	4.9	0.4	65.0	0.0	0.0	239	0.0	4.9	42
12 - 15	7	0.2	0.0	3.2	10.5	0.0	13.7	159	0.3	3.9	0.3	79.1	0.0	0.1	166	0.0	3.9	31
<b>Subtotal &lt;=15</b>	<b>3,691</b>	<b>99.6</b>	<b>0.7</b>	<b>89.5</b>	<b>0.6</b>	<b>0.9</b>	<b>0.9</b>	<b>51,123</b>	<b>96.0</b>	<b>144.0</b>	<b>10.5</b>	<b>8.1</b>	<b>0.3</b>	<b>0.0</b>	<b>54,814</b>	<b>1.0</b>	<b>145.0</b>	<b>604</b>
15 - 20	6	0.2	0.0	4.0	17.3	0.0	4.1	132	0.3	3.8	0.3	101.0	0.0	0.1	138	0.0	3.8	32
20 - 25	5	0.1	0.0	1.5	23.5	0.0	1.3	61	0.1	2.2	0.2	131.2	0.0	0.3	66	0.0	2.2	13
25 - 30	1	0.0	0.0	1.3	27.7	0.0	0.0	36	0.1	1.6	0.1	163.4	0.0	0.0	37	0.0	1.6	9
30 - 40	0	0.0	0.0	0.0	0.0	0.0	0.0	47	0.1	2.7	0.2	200.7	0.0	1.2	47	0.0	2.7	24
40 - 50	0	0.0	0.0	0.0	0.0	0.0	0.0	35	0.1	2.7	0.2	265.3	0.0	0.4	35	0.0	2.7	22
50 - 100	0	0.0	0.0	0.0	0.0	0.0	0.0	219	0.4	34.5	2.5	446.8	0.3	3.8	219	0.3	34.5	207
<b>Subtotal &lt;=100</b>	<b>3,703</b>	<b>100.0</b>	<b>0.8</b>	<b>96.2</b>	<b>0.7</b>	<b>1.0</b>	<b>0.9</b>	<b>51,653</b>	<b>97.0</b>	<b>191.6</b>	<b>13.9</b>	<b>10.7</b>	<b>0.6</b>	<b>0.0</b>	<b>55,356</b>	<b>1.4</b>	<b>192.5</b>	<b>911</b>
100 - 200	0	0.0	0.0	0.0	0.0	0.0	0.0	459	0.9	137.0	10.0	840.8	1.1	6.9	459	1.1	137.0	459
200 - 400	1	0.0	0.0	0.7	178.6	0.0	177.7	557	1.1	322.8	23.5	1,653.2	1.5	7.5	558	1.5	322.8	555
400 - 800	1	0.0	0.0	3.1	264.4	0.1	1,516.1	405	0.8	421.6	30.6	3,191.4	2.2	16.6	406	2.2	421.7	406
800 - 1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	153	0.3	241.3	17.5	6,154.6	1.1	28.8	153	1.1	241.3	153
1,600 - 3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	35	0.1	53.2	3.9	10,920.4	0.3	64.9	35	0.3	53.2	35
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	2.2	0.2	36,456.5	0.0	0.0	1	0.0	2.2	1
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	6.2	0.5	51,474.7	0.0	4.8	2	0.0	6.2	2
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
<b>Total</b>	<b>3,705</b>	<b>100.0</b>	<b>0.8</b>	<b>100.0</b>	<b>0.7</b>	<b>1.1</b>	<b>1.0</b>	<b>53,265</b>	<b>100.0</b>	<b>1,375.8</b>	<b>100.0</b>	<b>74.7</b>	<b>6.8</b>	<b>0.4</b>	<b>56,970</b>	<b>7.6</b>	<b>1,376.9</b>	<b>2,522</b>

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- 4) For late reporting states the last year of available data is repeated for missing years (TN 2012 used for 2013-16, KY 2013 used for 2014-16 and MO 2014 for 2015-16). All years are missing for IL and IN.
- 5) To be consistent between states a GOR of 6,000 (cf/bbl) for each years production was used to define oil versus gas wells. If the GOR was less (greater) than 6,000 (cf/bbl) the well was classed an oil (gas) well.
- 6) To determine production rate brackets for the first and last year of a wells life the annual production was divided by the number of days in the productive months. For other years the annual production was divided by 365 or 366 days.
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Data available as of November 2017.

Table B50. Wyoming oil and gas well summary statistics, 2016

Prod. rate bracket (BOE/day)	Oil wells								Gas wells						Total wells				
	# of oil wells	% of oil wells	Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
0 - 1	2,063	20.5	0.3	0.5	0.4	0.1	0.1	2,179	9.2	1.2	0.1	2.1	0.0	0.0	4,242	0.3	1.3	43	
1 - 2	1,039	10.3	0.5	0.8	1.4	0.3	0.8	1,106	4.7	3.1	0.2	8.5	0.0	0.1	2,145	0.5	3.4	31	
2 - 4	1,391	13.8	1.2	2.2	2.6	0.8	1.7	1,887	8.0	10.9	0.6	16.8	0.1	0.2	3,278	1.3	11.7	41	
4 - 6	899	8.9	1.4	2.4	4.5	0.7	2.4	1,417	6.0	14.0	0.8	28.6	0.1	0.2	2,316	1.5	14.8	51	
6 - 8	652	6.5	1.4	2.6	6.5	0.6	2.6	1,336	5.6	18.6	1.0	40.4	0.1	0.3	1,988	1.6	19.2	60	
8 - 10	490	4.9	1.5	2.6	8.5	0.4	2.4	1,141	4.8	20.7	1.2	52.2	0.1	0.3	1,631	1.6	21.1	29	
<b>Subtotal &lt;=10</b>	<b>6,534</b>	<b>64.8</b>	<b>6.2</b>	<b>11.1</b>	<b>2.9</b>	<b>2.8</b>	<b>1.3</b>	<b>9,066</b>	<b>38.3</b>	<b>68.6</b>	<b>3.8</b>	<b>23.3</b>	<b>0.5</b>	<b>0.2</b>	<b>15,600</b>	<b>6.7</b>	<b>71.5</b>	<b>255</b>	
10 - 12	378	3.8	1.4	2.4	10.3	0.5	3.6	1,154	4.9	25.7	1.4	63.6	0.2	0.4	1,532	1.5	26.2	41	
12 - 15	506	5.0	2.3	4.1	12.8	0.7	4.1	1,556	6.6	42.6	2.4	78.2	0.3	0.5	2,062	2.5	43.3	62	
<b>Subtotal &lt;=15</b>	<b>7,418</b>	<b>73.6</b>	<b>9.9</b>	<b>17.5</b>	<b>4.0</b>	<b>4.0</b>	<b>1.6</b>	<b>11,776</b>	<b>49.7</b>	<b>136.9</b>	<b>7.6</b>	<b>35.2</b>	<b>0.9</b>	<b>0.2</b>	<b>19,194</b>	<b>10.8</b>	<b>140.9</b>	<b>358</b>	
15 - 20	544	5.4	3.2	5.7	16.5	1.0	5.3	2,157	9.1	76.2	4.3	100.6	0.5	0.7	2,701	3.7	77.2	89	
20 - 25	390	3.9	2.9	5.2	21.1	1.0	7.2	1,768	7.5	80.3	4.5	129.1	0.6	0.9	2,158	3.5	81.3	66	
25 - 30	273	2.7	2.5	4.4	25.8	0.9	9.7	1,415	6.0	78.0	4.4	156.6	0.6	1.3	1,688	3.1	79.0	79	
30 - 40	344	3.4	3.8	6.8	31.9	2.1	17.8	1,889	8.0	132.6	7.4	198.8	1.0	1.5	2,233	4.8	134.7	139	
40 - 50	222	2.2	3.1	5.5	40.2	2.1	26.7	1,236	5.2	112.6	6.3	254.9	0.9	2.1	1,458	4.0	114.6	120	
50 - 100	522	5.2	11.3	20.0	61.6	9.8	53.7	2,136	9.0	292.8	16.3	385.8	2.7	3.5	2,658	13.9	302.6	383	
<b>Subtotal &lt;=100</b>	<b>9,713</b>	<b>96.3</b>	<b>36.6</b>	<b>65.0</b>	<b>11.2</b>	<b>21.0</b>	<b>6.4</b>	<b>22,377</b>	<b>94.5</b>	<b>909.4</b>	<b>50.8</b>	<b>119.1</b>	<b>7.2</b>	<b>0.9</b>	<b>32,090</b>	<b>43.8</b>	<b>930.4</b>	<b>1,234</b>	
100 - 200	228	2.3	8.6	15.3	110.4	10.6	136.2	734	3.1	190.1	10.6	761.2	2.5	9.9	962	11.0	200.7	244	
200 - 400	89	0.9	5.6	9.9	207.8	10.0	369.7	375	1.6	180.4	10.1	1,505.7	3.0	25.0	464	8.6	190.4	120	
400 - 800	45	0.5	4.1	7.3	375.7	10.6	978.3	155	0.7	113.6	6.3	2,858.0	2.5	62.7	200	6.6	124.2	64	
800 - 1,600	8	0.1	1.3	2.2	678.4	3.7	1,988.8	21	0.1	31.1	1.7	5,389.6	0.8	138.4	29	2.1	34.8	14	
1,600 - 3,200	1	0.0	0.2	0.3	1,643.8	0.2	2,339.8	5	0.0	24.3	1.4	13,281.2	0.1	72.0	6	0.3	24.5	4	
3,200 - 6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.1	165.1	9.2	28,193.6	0.1	19.6	16	0.1	165.1	4	
6,400 - 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	9	0.0	177.7	9.9	53,942.1	0.0	0.0	9	0.0	177.7	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
<b>Total</b>	<b>10,084</b>	<b>100.0</b>	<b>56.3</b>	<b>100.0</b>	<b>16.6</b>	<b>56.1</b>	<b>16.5</b>	<b>23,692</b>	<b>100.0</b>	<b>1,791.8</b>	<b>100.0</b>	<b>222.2</b>	<b>16.1</b>	<b>2.0</b>	<b>33,776</b>	<b>72.4</b>	<b>1,847.9</b>	<b>1,684</b>	

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