



Independent Statistics & Analysis

U.S. Energy Information
Administration

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

December 2020



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Introduction

Technological innovation in drilling and production has caused rapid growth in U.S. oil and natural gas production during the past few years. One way of developing deeper insight into this rapid growth is to explore how U.S. oil and natural gas wells have changed. This report looks at the distribution of wells by size and technology to understand these trends.

U.S. oil production reached 12.0 million barrels per day (b/d) in December 2018 and 12.8 million b/d in December 2019, and U.S. natural gas gross withdrawals reached 109.4 billion cubic feet per day (Bcf/d) in December 2018 and 116.8 Bcf/d in December 2019.¹ The number of producing wells in the United States reached a high of 1,029,700 wells in 2014 and steadily declined to 969,140 wells in 2019—mostly because of lower oil prices (Figure 1). The increase in the share of horizontal wells during the past decade from 3.6% to 15.8% (2009–19) shows the impact of technological change on well type (Figure 2). Most U.S. oil and natural gas production comes from wells that produce between 100 barrels of oil equivalent per day (BOE/d) and 3,200 BOE/d (Figures 3 and 4, respectively). Interestingly, the share of U.S. oil and natural gas wells producing less than 15 BOE/d has remained steady at about 80% from 2000 through 2019 (Figure 1).

This report provides yearly estimates of the number of producing oil and natural gas wells in the United States, which are grouped according to volume in one of 22 production volume brackets that range from less than 1 BOE/day to more than 12,800 BOE/d. EIA designates wells as either oil or natural gas wells based on a gas-oil ratio (GOR) of 6,000 cubic feet (cf) of natural gas to 1 barrel (b) of oil (cf/b) for each year's production. If the GOR is equal to or less than 6,000 cf/b, then we classify the well as an oil well. If the GOR is greater than 6,000 cf/b, we classify the well as a natural gas well.

This report includes four sections:

- Definition of a well
- Methodology
- Frequently asked questions
- Suggestions for querying the downloadable Excel data file of state-level data

The distribution tables for the production rates of all U.S. oil and natural gas wells include the years 2000 through 2019. Appendix B provides summary breakouts for the total United States, each state, the Federal Gulf of Mexico, and the Federal Pacific. You can use the Appendix C spreadsheet to generate figures for all regions and for additional variables.

The quality and completeness of the available data we used to build the tables varies by state. The data originate from state administrative records of monthly well- or lease-level natural gas and liquid production. EIA receives the data from the commercial source [Enverus Drillinginfo](#), which collects the data from the various state agencies. 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—Arizona, Kentucky, Maryland, and Tennessee—we use the last year of reported

¹ Source: U.S. Energy Information Administration, [Monthly Crude Oil and Natural Gas Production](#), November 30, 2020.

data to populate recent missing years to achieve the most complete U.S. total well counts. Data are not available for Illinois and Indiana.

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

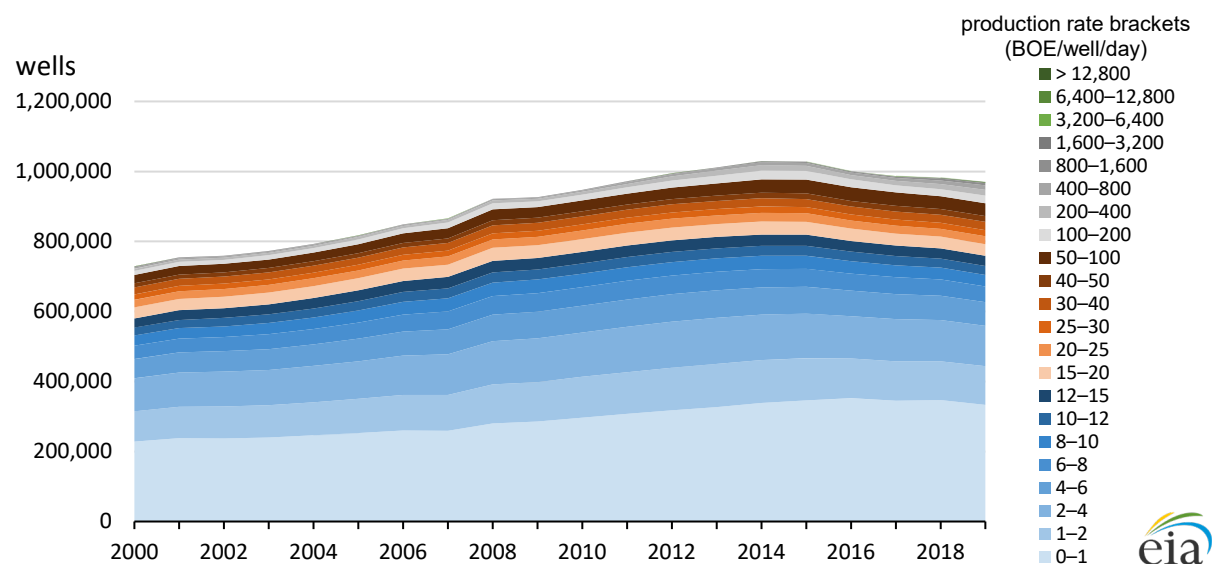


Figure 2. U.S. total horizontal wells by production rate brackets

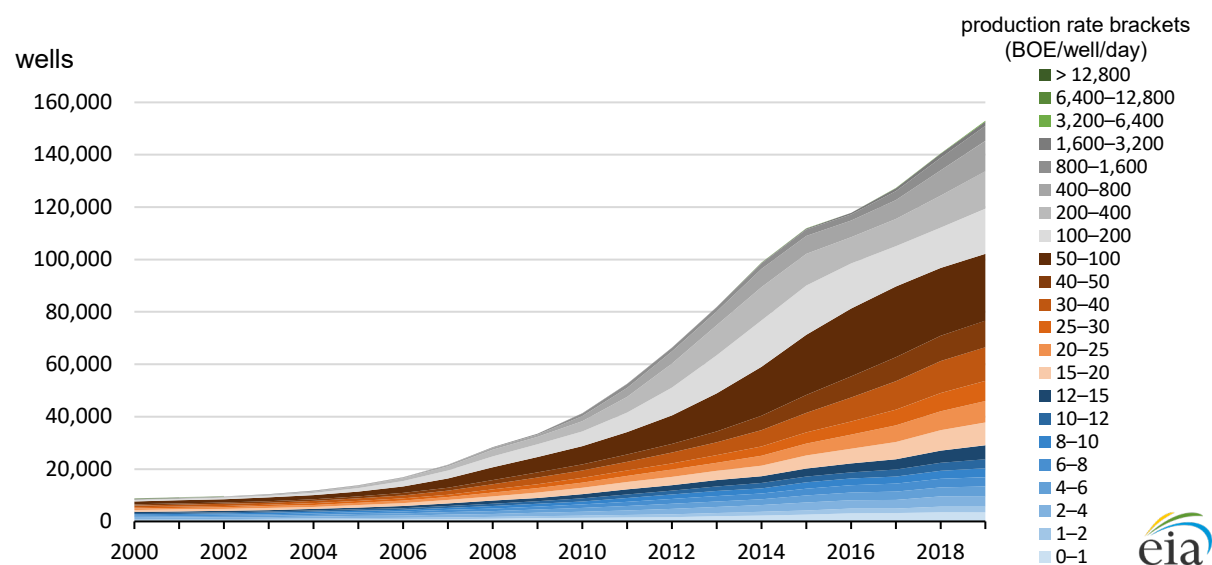


Figure 3. Oil production from U.S. wells by production rate brackets

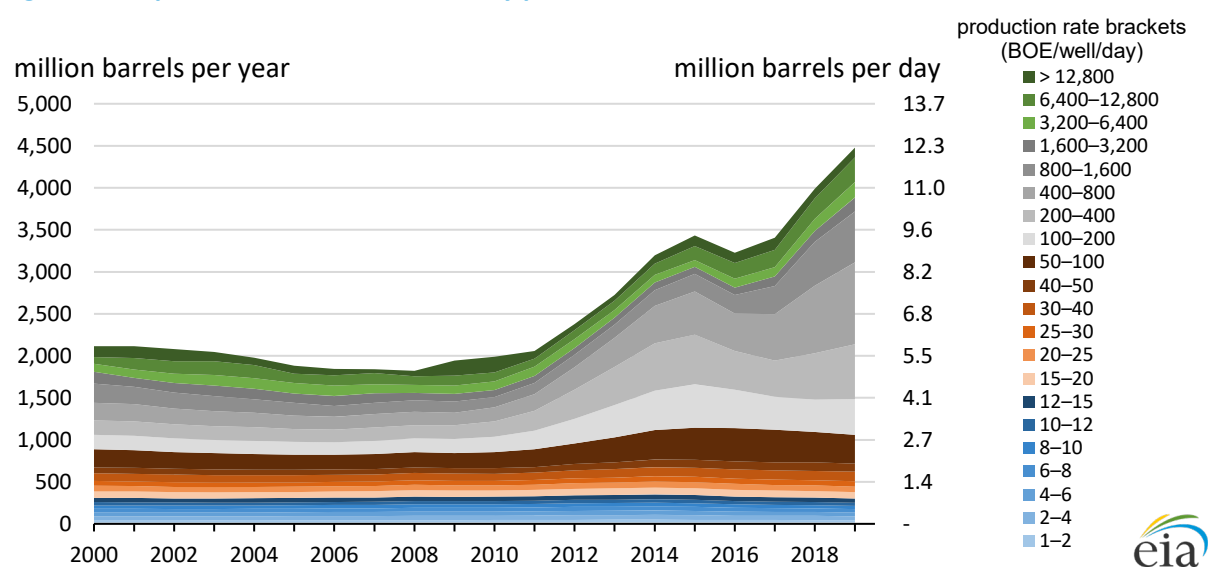
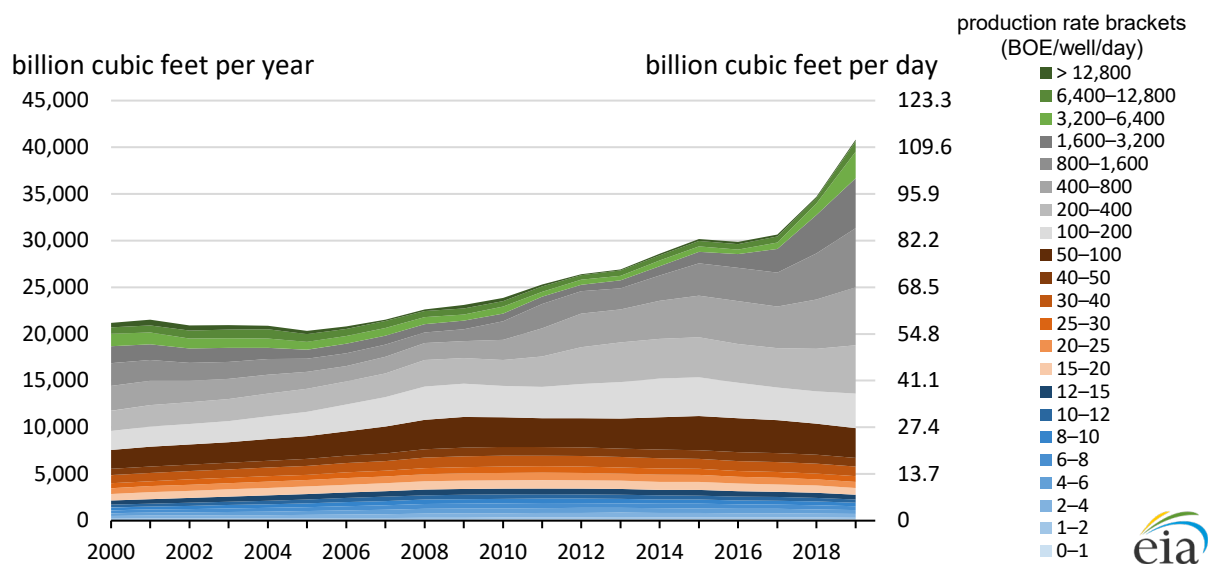


Figure 4. Natural gas production from U.S. wells by production rate brackets



Definition of a Well

How we define wells. This report and the tables include the following types of *wells*:

- Single wellhead
- Sidetrack
- Completion
- Recompletion
- Lease

We included every producing *entity* in the Enverus Drillinginfo database in this report. When we know the number of wells on a lease, we distribute the total lease production equally among the wells; however, 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 (without the well counts), which leads to undercounted wells in some areas.

Production volume accounting. We removed identified reinjected and recycled natural gas from the gross natural gas volumes reported by states such as Alaska. For fields identified as having undergone or as currently undergoing natural gas injection, we reduced production levels by an equal share of the field-level injected natural gas the states reported. We did not include injection wells in the counts unless they were producing wells at one time; in such cases, we included those wells for the years they were producing.

The pressure base producers use 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 (we assumed states used 60° Fahrenheit). Because states vary in how they define a well type (oil or natural gas), we used a GOR of greater than 6,000 cf/b to designate a well as a natural gas well. We designated wells with less than or equal to 6,000 cf/b as oil wells.

Finally, we excluded wells that produce exclusively within carbon dioxide (CO₂) fields, storage wells, and dry holes.

Consistency with other data sources. The total volumes shown in the distribution tables represent a snapshot of available data at the time we assembled the report and may not exactly equal other related data, including other EIA sources. The following are some major reasons for the differences:

- The timing of updates from state and commercial sources
- Sometimes state-level aggregate production data are available sooner than well-level data
- The definition of a *well* and which *entities* we counted and summed

For example, we publish EIA's official oil and natural gas production volumes in the [Petroleum Supply Annual 2019](#) DOE/EIA-0340(19) and [Natural Gas Annual 2019](#), DOE/EIA-0131(19), which we base on the Form EIA-914, *Monthly Production Report*. We based the production numbers in the tables and figures of this report on data reported in [Enverus Drillinginfo](#).

Methodology

How EIA analyzed and aggregated the data. First, we used the number of days of production activity to convert volumes to a daily rate for the 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 first year of production and the last month and last 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 6,000 cf/b. 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 we classified it as a natural gas well if its BOE production was greater than the oil production. We then added the natural gas BOE 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

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

In 2019, the average oil well produced 27.2 b/d of oil (34.7 BOE/d of total oil and natural gas), and the average natural gas well produced about 186,900 cubic feet per day (34.3 BOE/d of total oil and natural gas). However, the distribution by well size is generally skewed. Many wells produce smaller volumes per day and fewer wells produce very large volumes per day. In 2019, about 78% of the more than 969,000 U.S. wells produced 15 BOE/d or fewer, and about 6% of the wells produced more than 100 BOE/d.

What are some of the key conclusions from your data?

Although the total number of operating U.S. oil and natural gas wells has decreased about 6% from a peak in 2014—from more than one million wells to slightly more than 969,000 wells in 2019—the total number of horizontally drilled wells has increased 55% from slightly less than

99,000 wells to about 153,000 wells. Oil and natural gas wells drilled horizontally through hydrocarbon-bearing formations are among the most productive wells in the United States.

EIA published several *Today in Energy* articles on this topic in 2016 based on earlier versions of the data, such as the following:

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

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

The data source is [Enverus Drillinginfo](#). EIA receives a monthly download from Enverus Drillinginfo containing the most recent production information. This commercial data source collects the data from the various state agencies involved in regulating oil and natural gas production.

How often does EIA collect well-production data for the Lower 48 states?

Some states make data available within a few months after a new well begins production, and 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, states sometimes revise historical data because they continue collecting and digitizing older well datasets to include in their databases. States may also revise data if they identify inaccuracies.

How often will EIA update this report?

We plan to update this report in October or November of each year when complete or nearly complete data for the previous year are available for most states.

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

EIA estimates of U.S. wellhead counts (for example, the [number of producing natural gas wells reported in our *Natural Gas Annual*](#)) for 2019 are 9% lower than the counts in this report. The reasons well counts are higher in this report are how we categorize natural gas wells or wells in late-reporting states (Arizona, Kentucky, Maryland, and Tennessee) and wells in non-reporting states (Illinois and Indiana).

Does a natural gas well remain a natural gas well during its entire production history?

In this report, we sometimes classify a well as a natural gas well in one year and as an oil well in another year, and vice versa, depending on a well's GOR. We use this approach because the

respective volumes of liquid and natural gas produced by a well can change significantly during its production history.

Does EIA distinguish between associated natural gas and nonassociated natural gas?

The report distinguishes between associated and nonassociated natural gas based on whether we classify the well as an oil well or a natural gas well. If we classify the well as a natural gas well, then we consider the natural gas as nonassociated gas and the liquid as condensate. If we classify the well as an oil well, then we consider the natural gas as associated gas and the liquid as oil.

How does EIA account for lags in data reporting?

We included notes in the tables to indicate states that are missing current data because of a lag in annual reporting. 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 a long time and that 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 technology and hydraulic fracturing technology have advanced?

Horizontal drilling and hydraulic fracturing have greatly increased both oil and natural gas production rates of onshore wells in the United States. The decline rates of hydraulically fractured horizontal wells, within shale or tight formations, are typically greater than for wells drilled vertically into conventional reservoirs.

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. Many of these wells are still operating, and together they produced approximately 10% of total U.S. oil and natural gas in 2017. We use several production levels to define a stripper well. The Interstate Oil and Gas Compact Commission defines a stripper well as a well that produces 10 barrels per day (b/d) or less of oil or 60,000 cubic feet or less of natural gas per day during a 12-month period. The Internal Revenue Service (IRS)—for tax purposes—defines this type of well as one that produces 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?

Operators usually plug and abandon nonproducing wells. However, if they suspect significant amounts of hydrocarbons are still in the reservoir, the well may undergo secondary or tertiary recovery.

What is the difference between gross natural gas, wet natural gas, and dry natural gas?

See the EIA Glossary for definitions for [gross natural gas withdrawal](#), [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 has 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 through 2019 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 Alaska (AK) and the year 2016. In Figure 7, the filters are set to select Alaska totals for all years and to sort chronologically.

Figure 5. Example of data provided in flat-file format with filter tool added

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1					Oil wells							Gas wells							Total wells			
2	State	Year	Production rate bracket (BOE/day)	Class # for	# of oil wells	% of oil wells	Oil wells: Annual oil production (MMbbl/d)	Oil wells: % of oil production	Oil wells: Oil rate per well (bbl/d)	Oil wells: Annual gas production (MMcf/d)	Oil wells: Gas rate per well (Mcf/d)	# of gas wells	% of gas wells	Gas wells: Annual gas production (MMcf/d)	Gas wells: % of gas production	Gas wells: Gas rate per well (Mcf/d)	Gas wells: Annual oil production (MMbbl/d)	Gas wells: Oil rate per well (bbl/d)	Total number of wells	Total Annual oil prod. (MMbbl/d)	Total Annual gas prod. (MMcf/d)	Total wells: Horizontal well count
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	AK	2016	H_ 10 - 12	7	9	0.64	0.027	0.02	9.207	0.032	11.088	1	0.11	0.003	0	55.567	0	0	10	0.027	0.036	0
11	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
12	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
13	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
14	AK	2016	L_ 20 - 25	10	17	1.21	0.112	0.11	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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

Source: U.S. Energy Information Administration

Figure 6. Example of data with filters set to select Alaska (AK) and the year 2016

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

Source: U.S. Energy Information Administration

Figure 7. Example with the filters set to select Alaska (AK) totals for all years and to sort chronologically

	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	100
54	AK	2001	Z_ Total	23	2116	100
80	AK	2002	Z_ Total	23	2136	100
106	AK	2003	Z_ Total	23	2128	100
132	AK	2004	Z_ Total	23	2107	100
158	AK	2005	Z_ Total	23	2110	100
184	AK	2006	Z_ Total	23	2056	100
210	AK	2007	Z_ Total	23	2025	100
236	AK	2008	Z_ Total	23	2067	100
262	AK	2009	Z_ Total	23	2082	100

Source: U.S. Energy Information Administration

We also set up a pivot table 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. Example of a pivot table to help organize data to make charts

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N

O

P

Q

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State

US

Sum of Total number of wells

Column Labels

Row Labels

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

2016

A_ 0 - 1

232487

240765

241073

245430

250347

255935

263227

262070

283939

288472

298244

307899

318296

324052

336385

340621

326790

B_ 1 - 2

88211

91812

93555

93794

95931

98568

102987

104289

113674

113697

117134

120456

122678

123698

123013

120372

111984

C_ 2 - 4

96770

100757

101686

103782

105673

109513

114847

117618

125992

127257

128693

132252

133002

133362

130358

127563

120433

D_ 4 - 6

56305

58185

59497

60740

63097

65914

69529

72340

76474

76710

78125

79406

80101

79492

79264

76820

73357

E_ 6 - 8

38519

39967

40827

42664

43889

45612

48798

51008

53709

54236

54596

54638

54247

53793

53235

52257

49716

F_ 8 - 10

29499

29849

30879

32345

33206

35138

36668

38310

39103

39287

39414

39773

39057

38921

38880

37751

36252

H_ 10 - 12

22757

23483

24491

25208

26046

27556

28472

29203

30095

29499

29770

29525

30014

29762

29372

28932

27886

I_ 12 - 15

26836

28339

28224

29233

30483

31232

32320

32481

33211

33339

33315

33262

33268

33317

32781

33030

32176

K_ 15 - 20

32395

33043

33445

34032

34359

35095

35665

35990

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37050

37106

37583

37992

37807

38164

37635

37004

L_ 20 - 25

22000

22213

22402

22492

22616

22810

23379

23516

24540

24482

24740

25339

25460

25150

25859

25285

25122

M_ 25 - 30

15582

15476

15540

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15827

16059

16511

16580

17473

17400

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N_ 30 - 40

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23326

23582

24010

24040

24344

24085

24972

O_ 40 - 50

12225

12457

12276

12461

12725

12804

13149

13733

14705

14402

14825

14718

14901

15105

16017

16052

16954

P_ 50 - 100

23885

24705

24445

24962

25435

25995

27375

29191

31428

30701

30872

31289

32638

34784

38265

40038

42413

R_ 100 - 200

11606

11980

11650

12193

13009

13802

14945

16344

18027

16745

16863

17685

19985

22700

24977

24867

23854

S_ 200 - 400

6027

6250

6159

6385

6552

6675

6788

7278

8057

7286

8094

9827

12386

14262

15298

14510

12851

T_ 400 - 800

3729

3646

3197

3076

2976

2747

2569

2830

2931

2841

3633

4940

5887

6580

8158

7956

7343

U_ 800 - 1,600

1873

1695

1476

1428

1285

1104

1022

1062

1010

1058

1594

2015

1907

1959

2438

2854

2783

V_ 1,600 - 3,200

677

589

544

542

466

390

409

382

351

380

374

365

330

403

505

503

895

W_ 3,200 - 6,400

234

237

217

209

206

181

184

171

147

134

146

125

125

122

135

132

307

X_ 6,400 - 12,800

72

90

105

110

111

82

86

98

75

84

66

61

61

70

80

91

125

Y_ > 12,800

34

44

40

33

26

27

19

12

18

39

42

22

18

15

23

29

25

Z_ Total

741864

765982

771811

787093

804982

828204

860408

876576

935536

938449

958741

982621

1004534

1017295

1035858

1029351

991482

PivotTable Fields

Choose fields to add to report:

☐ Gas wells: Annual gas prod. (Bcf)

☐ Gas wells: % of gas Prod.

☐ Gas wells: Gas rate per well (McF/Day)

☐ Gas wells: Annual oil prod. (MMbbl)

☐ Gas wells: Oil rate per well (bbl/Day)

☒ Total number of wells

☐ Total wells: Annual oil prod. (MMbbl)

☐ Total wells: Annual gas prod. (Bcf)

☐ Total wells: Horizontal well count

MORE TABLES...

Drag fields between areas below:

FILTERS

COLUMNS

State

Year

ROWS

VALUES

Production r...

Sum of Total ...

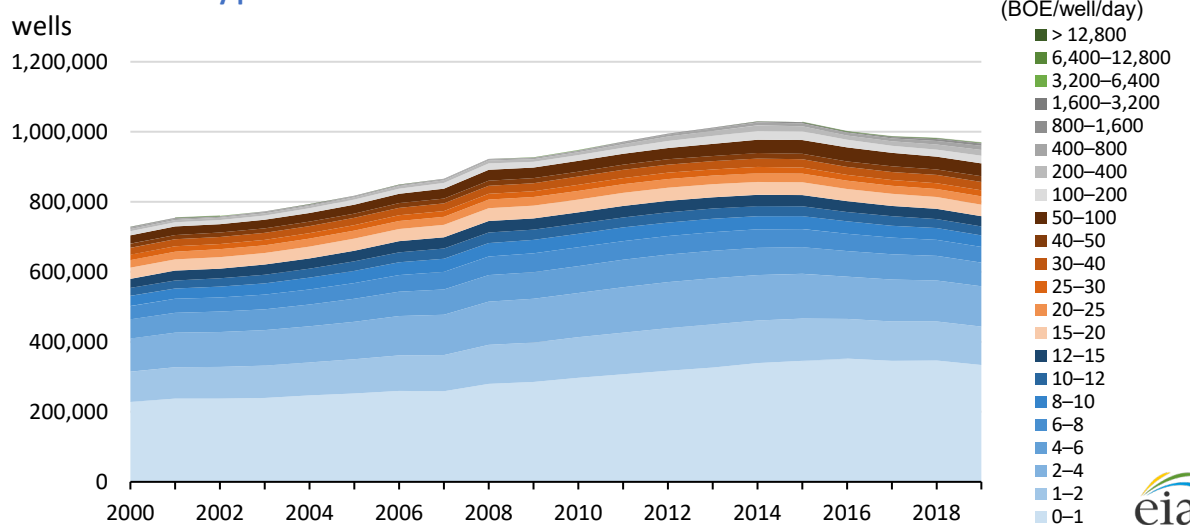
Defer Layout Update

UPDATE

Source: U.S. Energy Information Administration

Figure 9. Example of a chart made with a pivot table

U.S. total wells by production rate brackets



Source: U.S. Energy Information Administration

Note: BOE = barrel of oil equivalent.

Appendix A

Information about data availability:

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:

U.S. oil and natural gas well summary statistics for years 2000–2019..... B1

Most recent year of available data for each state and federal offshore regions B21

Appendix C

Separate Excel flat file with all data

Table A1: Reporting status by state and year

State	2000 - 2015	2016	2017	2018	2019	2020
AK	Complete	Complete	Complete	Complete	Complete	Incomplete
AL	Complete	Complete	Complete	Complete	Complete	Incomplete
AR	Complete	Complete	Complete	Complete	Complete	Incomplete
AZ	Complete	Complete	Complete	Not Reported	Not Reported	Not Reported
CA	Complete	Complete	Complete	Complete	Complete	Incomplete
CO	Complete	Complete	Complete	Complete	Complete	Incomplete
FL	Complete	Complete	Complete	Complete	Complete	Incomplete
Federal Gulf	Complete	Complete	Complete	Complete	Complete	Incomplete
Federal Pacific	Complete	Complete	Complete	Complete	Complete	Incomplete
IL	NA	NA	NA	NA	NA	NA
IN	NA	NA	NA	NA	NA	NA
KS	Complete	Complete	Complete	Complete	Complete	Incomplete
KY	Complete	Complete	Complete	Complete	Not Reported	Not Reported
LA	Complete	Complete	Complete	Complete	Complete	Incomplete
MD	Complete	Incomplete	Not Reported	Not Reported	Not Reported	Not Reported
MI	Complete	Complete	Complete	Complete	Complete	Incomplete
MO	Complete	Complete	Complete	Complete	Complete	Incomplete
MS	Complete	Complete	Complete	Complete	Complete	Incomplete
MT	Complete	Complete	Complete	Complete	Complete	Incomplete
ND	Complete	Complete	Complete	Complete	Complete	Incomplete
NE	Complete	Complete	Complete	Complete	Complete	Incomplete
NM	Complete	Complete	Complete	Complete	Complete	Incomplete
NV	Complete	Complete	Complete	Complete	Complete	Incomplete
NY	Complete	Complete	Complete	Complete	Complete	Not Reported
OH	Complete	Complete	Complete	Complete	Complete	Incomplete
OK	Complete	Complete	Complete	Complete	Complete	Incomplete
OR	Complete	Complete	Complete	Complete	Complete	Not Reported
PA	Complete	Complete	Complete	Complete	Complete	Incomplete
SD	Complete	Complete	Complete	Complete	Complete	Incomplete
TN	Complete	Complete	Not Reported	Not Reported	Not Reported	Not Reported
TX	Complete	Complete	Complete	Complete	Complete	Incomplete
UT	Complete	Complete	Complete	Complete	Complete	Incomplete
VA	Complete	Complete	Complete	Complete	Incomplete	Incomplete
WV	Complete	Complete	Complete	Complete	Incomplete	Incomplete
WY	Complete	Complete	Complete	Complete	Incomplete	Incomplete

Source: State administrative oil & gas data thru Enverus Drillinginfo. Data available as of November 2020.

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 (AZ 2017 used for 2018, 19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 Enverus
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 & gas data thru Enverus Drillinginfo. Data available as of November 2020.

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., Enverus 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	1-20
AL	Alabama	21
AK	Alaska	22
AZ	Arizona	23
AR	Arkansas	24
CA	California	25
CO	Colorado	26
FG	Federal Gulf of Mexico	27
FP	Federal Pacific	28
FL	Florida	29
KS	Kansas	30
KY	Kentucky	31
LA	Louisiana	32
MD	Maryland	33
MI	Michigan	34
MS	Mississippi	35
MO	Missouri	36
MT	Montana	37
NE	Nebraska	38
NV	Nevada	39
NM	New Mexico	40
NY	New York	41
ND	North Dakota	42
OH	Ohio	43
OK	Oklahoma	44
OR	Oregon	45
PA	Pennsylvania	46
SD	South Dakota	47
TN	Tennessee	48
TX	Texas	49
UT	Utah	50
VA	Virginia	51
WV	West Virginia	52
WY	Wyoming	53

Notes:

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

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	145,978	39.1	16.8	0.9	0.3	4.9	0.1	82,275	23.1	71.3	0.4	2.4	0.7	0.0	228,253	17.5	76.3	516	
1–2	44,323	11.9	21.7	1.2	1.4	8.6	0.5	42,180	11.9	124.5	0.6	8.2	1.3	0.1	86,503	23.0	133.1	338	
2–4	47,260	12.7	45.5	2.4	2.7	20.6	1.2	47,260	13.3	273.5	1.4	16.2	3.4	0.2	94,520	48.8	294.2	542	
4–6	26,477	7.1	42.6	2.3	4.5	22.6	2.4	28,471	8.0	278.5	1.4	27.5	3.6	0.4	54,948	46.2	301.1	530	
6–8	17,510	4.7	39.3	2.1	6.3	24.8	4.0	20,578	5.8	282.3	1.5	38.7	3.7	0.5	38,088	43.0	307.0	426	
8–10	13,080	3.5	37.6	2.0	8.1	24.8	5.3	16,071	4.5	286.6	1.5	50.3	3.3	0.6	29,151	40.9	311.4	390	
Subtotal <=10	294,628	78.9	203.4	10.8	1.9	106.4	1.0	236,835	66.6	1,316.8	6.8	15.6	16.0	0.2	531,463	219.4	1,423.2	2,742	
10–12	10,066	2.7	35.2	1.9	9.9	23.1	6.5	12,509	3.5	273.0	1.4	61.7	3.1	0.7	22,575	38.3	296.1	404	
12–15	10,869	2.9	46.8	2.5	12.1	29.9	7.7	15,191	4.3	408.1	2.1	76.1	4.1	0.8	26,060	50.9	438.0	488	
Subtotal <=15	315,563	84.5	285.5	15.2	2.5	159.4	1.4	264,535	74.4	1,997.8	10.3	21.2	23.1	0.2	580,098	308.6	2,157.3	3,634	
15–20	12,981	3.5	71.9	3.8	15.7	44.6	9.7	18,734	5.3	653.2	3.4	98.9	5.7	0.9	31,715	77.6	697.8	734	
20–25	8,609	2.3	61.2	3.3	20.3	37.6	12.5	12,998	3.7	583.0	3.0	127.7	5.0	1.1	21,607	66.2	620.6	598	
25–30	6,142	1.7	53.4	2.8	24.9	31.9	14.9	9,178	2.6	501.8	2.6	156.3	4.2	1.3	15,320	57.6	533.7	459	
30–40	7,829	2.1	85.7	4.6	31.5	50.7	18.6	12,054	3.4	825.3	4.3	197.4	6.8	1.6	19,883	92.5	876.1	649	
40–50	4,681	1.3	65.0	3.5	40.4	40.5	25.2	7,247	2.0	630.3	3.3	255.5	5.1	2.1	11,928	70.1	670.8	491	
50–100	9,529	2.6	196.5	10.5	61.1	143.4	44.6	14,352	4.0	1,868.2	9.6	392.3	18.0	3.8	23,881	214.5	2,011.7	1,091	
Subtotal <=100	365,334	97.9	819.1	43.6	6.3	508.3	3.9	339,098	95.4	7,059.7	36.4	58.8	68.0	0.6	704,432	887.1	7,568.0	7,656	
100–200	3,922	1.1	154.8	8.2	119.4	134.7	103.9	7,700	2.2	1,907.6	9.8	787.3	19.3	7.9	11,622	174.1	2,042.3	536	
200–400	1,900	0.5	150.1	8.0	239.7	137.6	219.8	4,198	1.2	2,026.7	10.5	1,578.3	20.2	15.7	6,098	170.2	2,164.3	233	
400–800	1,138	0.3	182.2	9.7	485.9	181.4	483.7	2,620	0.7	2,479.8	12.8	3,141.8	27.1	34.3	3,758	209.3	2,661.2	115	
800–1,600	642	0.2	198.3	10.6	929.1	233.9	1,095.9	1,268	0.4	2,202.0	11.4	6,090.2	31.0	85.8	1,910	229.3	2,435.9	60	
1,600–3,200	207	0.1	113.6	6.0	1,752.9	147.7	2,277.7	480	0.1	1,669.2	8.6	11,946.3	26.9	192.2	687	140.5	1,816.8	15	
3,200–6,400	67	0.0	75.0	4.0	3,848.9	95.1	4,876.3	170	0.1	1,231.9	6.4	24,192.3	18.3	360.1	237	93.4	1,327.0	12	
6,400–12,800	33	0.0	74.4	4.0	7,498.9	116.8	11,777.9	40	0.0	578.1	3.0	43,968.2	8.7	659.8	73	83.1	695.0	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	
Total	373,264	100.0	1,879.9	100.0	14.2	1,784.0	13.5	355,587	100.0	19,395.1	100.0	154.9	235.5	1.9	728,851	2,115.4	21,179.0	8,627	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018, 19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Annual	Oil rate			Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	146,076	39.3	16.5	0.9	0.3	5.4	0.1	91,760	24.0	78.4	0.4	2.4	0.8	0.0	237,836	17.3	83.8	547	
1-2	43,778	11.8	21.4	1.2	1.4	8.7	0.6	45,885	12.0	135.3	0.7	8.2	1.3	0.1	89,663	22.7	144.0	358	
2-4	47,123	12.7	45.3	2.4	2.7	20.6	1.2	51,234	13.4	295.6	1.5	16.2	3.4	0.2	98,357	48.7	316.2	596	
4-6	26,856	7.2	43.2	2.3	4.5	23.0	2.4	30,305	7.9	295.7	1.5	27.6	3.5	0.3	57,161	46.7	318.7	527	
6-8	17,757	4.8	39.8	2.1	6.3	26.0	4.1	21,967	5.7	301.3	1.5	38.9	3.6	0.5	39,724	43.3	327.3	446	
8-10	12,909	3.5	36.9	2.0	8.0	25.1	5.5	16,726	4.4	298.0	1.5	50.5	3.2	0.5	29,635	40.2	323.2	424	
Subtotal <=10	294,499	79.2	203.1	10.9	1.9	108.8	1.0	257,877	67.4	1,404.4	7.1	15.3	15.9	0.2	552,376	219.0	1,513.3	2,898	
10-12	9,815	2.6	34.4	1.9	9.8	23.2	6.6	13,297	3.5	290.4	1.5	62.0	3.0	0.6	23,112	37.4	313.6	413	
12-15	10,978	3.0	47.2	2.5	12.1	30.6	7.8	16,862	4.4	451.9	2.3	76.2	4.3	0.7	27,840	51.6	482.5	540	
Subtotal <=15	315,292	84.8	284.7	15.3	2.5	162.7	1.4	288,036	75.2	2,146.7	10.9	21.0	23.2	0.2	603,328	307.9	2,309.3	3,851	
15-20	12,605	3.4	69.7	3.8	15.7	44.3	10.0	19,838	5.2	688.4	3.5	98.9	5.8	0.8	32,443	75.5	732.7	765	
20-25	8,393	2.3	59.8	3.2	20.3	36.8	12.5	13,644	3.6	611.2	3.1	127.7	5.1	1.1	22,037	64.8	648.0	559	
25-30	5,894	1.6	50.8	2.7	24.8	31.7	15.5	9,278	2.4	503.5	2.6	156.3	4.1	1.3	15,172	54.9	535.3	458	
30-40	7,746	2.1	83.8	4.5	31.3	52.4	19.6	12,349	3.2	836.9	4.2	197.1	7.0	1.6	20,095	90.8	889.3	707	
40-50	4,740	1.3	65.6	3.5	40.1	44.4	27.2	7,421	1.9	642.6	3.3	254.2	5.8	2.3	12,161	71.3	687.1	548	
50-100	9,446	2.5	194.3	10.4	60.9	145.5	45.6	15,199	4.0	1,969.9	10.0	394.4	18.9	3.8	24,645	213.2	2,115.4	1,164	
Subtotal <=100	364,116	97.9	808.7	43.4	6.3	517.8	4.0	365,765	95.5	7,399.1	37.5	57.4	69.8	0.5	729,881	878.5	7,917.0	8,052	
100-200	3,815	1.0	150.0	8.1	119.7	133.4	106.5	8,255	2.2	2,024.8	10.3	790.5	19.7	7.7	12,070	169.7	2,158.2	583	
200-400	1,877	0.5	149.6	8.0	240.6	139.8	224.9	4,498	1.2	2,166.3	11.0	1,578.6	22.6	16.5	6,375	172.2	2,306.1	287	
400-800	1,090	0.3	177.4	9.5	486.3	179.4	491.7	2,590	0.7	2,436.8	12.3	3,119.1	26.7	34.2	3,680	204.1	2,616.2	131	
800-1,600	580	0.2	175.2	9.4	917.5	202.8	1,062.3	1,142	0.3	2,027.3	10.3	6,010.9	29.4	87.2	1,722	204.6	2,230.2	52	
1,600-3,200	149	0.0	85.1	4.6	1,782.9	94.8	1,986.5	446	0.1	1,569.2	8.0	12,046.1	24.3	186.9	595	109.4	1,664.0	16	
3,200-6,400	82	0.0	79.8	4.3	3,580.7	106.9	4,799.0	158	0.0	1,167.2	5.9	23,942.1	19.3	395.2	240	99.1	1,274.1	8	
6,400-12,800	50	0.0	125.7	6.8	7,759.3	187.3	11,565.6	40	0.0	566.8	2.9	44,333.2	11.7	914.5	90	137.4	754.1	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	
Total	371,783	100.0	1,861.7	100.0	14.1	1,794.3	13.6	382,914	100.0	19,746.5	100.0	147.2	251.1	1.9	754,697	2,112.8	21,540.8	9,129	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	143,376	39.2	16.2	0.9	0.3	5.3	0.1	94,192	23.9	80.0	0.4	2.4	0.8	0.0	237,568	17.0	85.3	545	
1–2	44,347	12.1	21.5	1.2	1.4	9.1	0.6	46,649	11.9	138.3	0.7	8.3	1.3	0.1	90,996	22.8	147.5	388	
2–4	47,285	12.9	45.5	2.5	2.7	20.6	1.2	52,013	13.2	302.4	1.6	16.3	3.3	0.2	99,298	48.8	323.0	633	
4–6	26,621	7.3	42.8	2.3	4.5	23.7	2.5	31,997	8.1	314.3	1.7	27.8	3.5	0.3	58,618	46.3	338.0	541	
6–8	17,379	4.8	39.0	2.1	6.3	25.3	4.1	23,034	5.9	319.2	1.7	39.1	3.5	0.4	40,413	42.5	344.5	507	
8–10	12,628	3.5	36.4	2.0	8.1	24.5	5.4	17,864	4.5	319.5	1.7	50.6	3.4	0.5	30,492	39.9	344.0	439	
Subtotal <=10	291,636	79.6	201.4	10.9	1.9	108.5	1.0	265,749	67.5	1,473.8	7.7	15.6	15.9	0.2	557,385	217.3	1,582.2	3,053	
10–12	9,726	2.7	34.0	1.8	9.8	23.5	6.8	14,485	3.7	319.3	1.7	62.3	3.1	0.6	24,211	37.1	342.9	455	
12–15	10,455	2.9	44.6	2.4	12.0	30.1	8.1	17,242	4.4	465.1	2.4	76.3	4.3	0.7	27,697	49.0	495.2	577	
Subtotal <=15	311,817	85.2	280.1	15.1	2.5	162.2	1.5	297,476	75.6	2,258.2	11.8	21.4	23.3	0.2	609,293	303.3	2,420.3	4,085	
15–20	12,232	3.3	67.8	3.7	15.6	43.3	10.0	20,759	5.3	724.6	3.8	98.8	6.1	0.8	32,991	73.9	767.9	748	
20–25	8,068	2.2	57.9	3.1	20.2	36.5	12.8	13,986	3.6	628.3	3.3	127.6	5.3	1.1	22,054	63.2	664.8	602	
25–30	5,799	1.6	50.6	2.7	24.8	31.4	15.4	9,628	2.5	527.2	2.8	156.4	4.3	1.3	15,427	54.9	558.6	504	
30–40	7,653	2.1	83.3	4.5	31.3	52.6	19.8	12,309	3.1	842.8	4.4	197.4	7.0	1.6	19,962	90.3	895.3	789	
40–50	4,682	1.3	64.7	3.5	40.1	43.7	27.1	7,398	1.9	648.7	3.4	254.8	5.4	2.1	12,080	70.1	692.5	507	
50–100	8,696	2.4	180.2	9.7	60.8	135.1	45.6	15,442	3.9	2,031.0	10.6	393.7	18.8	3.6	24,138	199.0	2,166.0	1,237	
Subtotal <=100	358,947	98.0	784.5	42.4	6.1	504.8	4.0	376,998	95.8	7,660.6	40.1	57.5	70.2	0.5	735,945	854.7	8,165.5	8,472	
100–200	3,573	1.0	144.7	7.8	120.8	119.5	99.7	8,162	2.1	2,056.5	10.8	792.4	19.2	7.4	11,735	164.0	2,176.0	657	
200–400	1,796	0.5	145.6	7.9	243.9	128.0	214.5	4,484	1.1	2,223.2	11.7	1,581.2	20.5	14.6	6,280	166.1	2,351.3	268	
400–800	1,006	0.3	162.0	8.8	478.1	173.7	512.6	2,246	0.6	2,133.0	11.2	3,110.6	24.7	36.1	3,252	186.7	2,306.7	117	
800–1,600	548	0.2	164.1	8.9	898.6	202.3	1,108.3	963	0.2	1,711.9	9.0	5,994.7	27.2	95.4	1,511	191.3	1,914.3	47	
1,600–3,200	157	0.0	89.8	4.9	1,835.1	109.0	2,227.0	396	0.1	1,422.0	7.5	12,166.1	22.4	192.0	553	112.3	1,531.0	12	
3,200–6,400	80	0.0	94.5	5.1	3,745.9	116.1	4,604.4	134	0.0	957.2	5.0	23,533.5	17.3	425.2	214	111.8	1,073.3	4	
6,400–12,800	59	0.0	133.3	7.2	7,010.1	211.1	11,101.2	47	0.0	637.5	3.3	43,982.5	16.9	1,164.4	106	150.2	848.6	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	
Total	366,195	100.0	1,851.3	100.0	14.2	1,806.1	13.9	393,441	100.0	19,090.5	100.0	137.8	230.6	1.7	759,636	2,081.9	20,896.6	9,577	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual oil prod.	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	per Well (bbl/day)	gas prod. (Bcf)	per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	well count	
0–1	141,389	39.0	16.0	0.9	0.3	5.3	0.1	98,340	24.0	83.5	0.4	2.4	0.8	0.0	239,729	16.9	88.8	609	
1–2	44,138	12.2	21.5	1.2	1.4	8.9	0.6	47,977	11.7	142.3	0.7	8.3	1.3	0.1	92,115	22.8	151.2	386	
2–4	47,789	13.2	46.0	2.5	2.7	21.1	1.2	53,643	13.1	313.7	1.6	16.4	3.2	0.2	101,432	49.2	334.8	644	
4–6	25,908	7.1	41.7	2.3	4.5	23.4	2.5	33,525	8.2	332.2	1.7	27.9	3.5	0.3	59,433	45.2	355.7	601	
6–8	17,499	4.8	39.2	2.1	6.3	25.4	4.1	24,581	6.0	341.5	1.8	39.1	3.7	0.4	42,080	42.9	366.8	529	
8–10	12,744	3.5	36.5	2.0	8.0	24.9	5.5	19,440	4.7	349.5	1.8	50.8	3.6	0.5	32,184	40.1	374.4	531	
Subtotal <=10	289,467	79.8	201.0	11.0	1.9	109.0	1.1	277,506	67.7	1,562.7	8.2	15.8	16.1	0.2	566,973	217.1	1,671.8	3,300	
10–12	9,404	2.6	32.9	1.8	9.8	22.8	6.8	15,365	3.8	337.9	1.8	62.2	3.3	0.6	24,769	36.1	360.6	473	
12–15	10,386	2.9	44.8	2.4	12.1	28.8	7.8	18,391	4.5	496.9	2.6	76.4	4.6	0.7	28,777	49.3	525.7	580	
Subtotal <=15	309,257	85.3	278.6	15.2	2.5	160.6	1.5	311,262	75.9	2,397.4	12.5	21.6	23.9	0.2	620,519	302.6	2,558.1	4,353	
15–20	11,810	3.3	65.4	3.6	15.7	41.3	9.9	21,560	5.3	751.4	3.9	98.8	6.4	0.8	33,370	71.8	792.7	780	
20–25	8,173	2.3	58.1	3.2	20.2	36.5	12.7	14,083	3.4	630.4	3.3	127.5	5.3	1.1	22,256	63.4	666.9	706	
25–30	5,573	1.5	48.2	2.6	24.8	29.9	15.4	9,814	2.4	533.1	2.8	156.0	4.6	1.3	15,387	52.8	563.0	512	
30–40	7,602	2.1	81.5	4.5	31.2	52.9	20.2	12,630	3.1	859.3	4.5	197.5	7.0	1.6	20,232	88.5	912.2	812	
40–50	4,634	1.3	63.1	3.4	40.0	43.4	27.5	7,674	1.9	664.9	3.5	255.1	5.5	2.1	12,308	68.6	708.4	567	
50–100	8,557	2.4	176.3	9.6	61.2	126.9	44.0	16,040	3.9	2,076.7	10.8	393.3	19.3	3.7	24,597	195.7	2,203.6	1,409	
Subtotal <=100	355,606	98.1	771.3	42.1	6.1	491.6	3.9	393,063	95.8	7,913.3	41.3	56.9	72.0	0.5	748,669	843.3	8,404.9	9,139	
100–200	3,428	1.0	137.5	7.5	121.5	112.5	99.4	8,712	2.1	2,146.4	11.2	796.3	18.4	6.8	12,140	155.9	2,258.9	680	
200–400	1,770	0.5	144.0	7.9	243.7	127.7	216.1	4,708	1.2	2,250.2	11.8	1,575.9	20.1	14.1	6,478	164.1	2,377.9	336	
400–800	965	0.3	152.2	8.3	471.7	170.5	528.2	2,191	0.5	1,984.3	10.4	3,034.9	26.0	39.8	3,156	178.3	2,154.8	144	
800–1,600	518	0.1	154.0	8.4	890.2	199.9	1,155.5	947	0.2	1,621.8	8.5	5,951.0	26.1	95.9	1,465	180.2	1,821.7	52	
1,600–3,200	173	0.1	100.4	5.5	1,788.4	131.7	2,345.8	380	0.1	1,368.2	7.1	12,088.4	22.4	198.0	553	122.8	1,499.8	14	
3,200–6,400	95	0.0	115.1	6.3	3,767.2	141.3	4,623.7	112	0.0	880.6	4.6	24,902.8	12.8	362.6	207	127.9	1,021.9	7	
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	
Total	362,643	100.0	1,833.1	100.0	14.2	1,801.0	14.0	410,168	100.0	19,158.0	100.0	132.8	213.6	1.5	772,811	2,046.7	20,959.0	10,372	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	144,512	39.6	16.5	0.9	0.3	5.5	0.1	102,158	23.9	85.2	0.5	2.3	0.9	0.0	246,670	17.4	90.7	675	
1-2	44,283	12.1	21.7	1.2	1.4	8.9	0.6	49,789	11.6	147.5	0.8	8.3	1.4	0.1	94,072	23.1	156.4	431	
2-4	47,413	13.0	45.7	2.6	2.7	20.9	1.2	56,271	13.1	330.0	1.7	16.4	3.3	0.2	103,684	49.0	350.9	732	
4-6	26,143	7.2	42.2	2.4	4.5	24.0	2.6	35,783	8.4	354.8	1.9	27.9	3.8	0.3	61,926	45.9	378.8	655	
6-8	17,441	4.8	39.0	2.2	6.2	26.4	4.2	26,177	6.1	364.6	1.9	39.2	3.9	0.4	43,618	42.9	391.0	603	
8-10	12,585	3.5	36.2	2.1	8.1	24.3	5.4	20,366	4.8	367.6	1.9	50.8	3.5	0.5	32,951	39.7	391.9	547	
Subtotal <=10	292,377	80.1	201.3	11.4	1.9	110.0	1.1	290,544	67.8	1,649.7	8.6	15.9	16.7	0.2	582,921	218.0	1,759.8	3,643	
10-12	9,224	2.5	32.2	1.8	9.8	22.6	6.9	16,417	3.8	362.1	1.9	62.3	3.4	0.6	25,641	35.6	384.7	480	
12-15	10,513	2.9	45.2	2.6	12.1	29.6	7.9	19,455	4.5	526.1	2.8	76.5	4.8	0.7	29,968	50.0	555.7	640	
Subtotal <=15	312,114	85.5	278.7	15.8	2.5	162.2	1.5	326,416	76.2	2,538.0	13.3	21.8	24.9	0.2	638,530	303.6	2,700.1	4,763	
15-20	11,933	3.3	66.0	3.7	15.6	42.6	10.1	22,023	5.1	765.9	4.0	98.7	6.6	0.8	33,956	72.6	808.5	804	
20-25	8,109	2.2	57.2	3.2	20.1	37.2	13.1	14,264	3.3	636.4	3.3	127.5	5.4	1.1	22,373	62.5	673.6	749	
25-30	5,795	1.6	49.3	2.8	24.6	32.5	16.3	9,848	2.3	535.6	2.8	156.2	4.5	1.3	15,643	53.8	568.1	619	
30-40	7,415	2.0	79.6	4.5	31.2	52.4	20.5	13,061	3.1	887.2	4.7	197.2	7.5	1.7	20,476	87.1	939.6	870	
40-50	4,381	1.2	59.5	3.4	40.0	40.7	27.4	8,001	1.9	692.9	3.6	254.6	5.9	2.2	12,382	65.4	733.6	671	
50-100	8,265	2.3	167.8	9.5	60.8	123.5	44.7	16,770	3.9	2,180.7	11.4	395.8	19.3	3.5	25,035	187.2	2,304.1	1,540	
Subtotal <=100	358,012	98.1	758.1	42.9	5.9	491.0	3.8	410,383	95.8	8,236.7	43.1	56.8	74.0	0.5	768,395	832.2	8,727.7	10,016	
100-200	3,323	0.9	133.3	7.5	121.2	110.7	100.6	9,631	2.3	2,347.5	12.3	794.2	20.1	6.8	12,954	153.4	2,458.2	860	
200-400	1,751	0.5	142.2	8.1	244.2	125.2	215.0	4,848	1.1	2,300.7	12.1	1,563.7	22.2	15.1	6,599	164.5	2,425.9	564	
400-800	935	0.3	146.8	8.3	471.3	159.7	512.6	2,122	0.5	1,878.6	9.8	3,031.9	24.6	39.8	3,057	171.5	2,038.3	193	
800-1,600	488	0.1	138.9	7.9	874.3	189.9	1,195.5	852	0.2	1,473.5	7.7	6,050.8	20.9	86.0	1,340	159.8	1,663.4	53	
1,600-3,200	192	0.1	108.7	6.2	1,788.2	144.0	2,369.1	285	0.1	1,042.0	5.5	11,979.0	17.5	200.7	477	126.2	1,186.0	14	
3,200-6,400	93	0.0	114.2	6.5	3,750.4	175.7	5,769.4	115	0.0	829.1	4.3	22,896.9	12.6	346.9	208	126.7	1,004.8	10	
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	1	
> 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	
Total	364,876	100.0	1,767.6	100.0	13.6	1,765.3	13.6	428,291	100.0	19,097.4	100.0	126.9	208.8	1.4	793,167	1,976.4	20,862.6	11,711	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual oil prod.	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)		% 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	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	per Well (bbl/day)	gas prod. (Bcf)	per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	146,131	39.6	16.6	1.0	0.3	5.6	0.1	106,712	23.8	88.0	0.5	2.3	0.9	0.0	252,843	17.5	93.6	720	
1–2	45,464	12.3	22.1	1.3	1.4	9.1	0.6	51,965	11.6	154.1	0.8	8.3	1.4	0.1	97,429	23.6	163.2	506	
2–4	47,810	13.0	45.9	2.7	2.7	21.5	1.3	59,533	13.3	348.0	1.9	16.4	3.4	0.2	107,343	49.3	369.5	872	
4–6	26,761	7.3	42.7	2.5	4.5	25.6	2.7	38,484	8.6	381.8	2.0	28.0	3.8	0.3	65,245	46.6	407.3	728	
6–8	17,443	4.7	38.9	2.3	6.2	25.9	4.2	27,709	6.2	385.9	2.1	39.4	3.9	0.4	45,152	42.8	411.8	658	
8–10	12,831	3.5	36.6	2.2	8.0	25.2	5.5	21,920	4.9	394.4	2.1	50.9	3.8	0.5	34,751	40.4	419.6	569	
Subtotal <=10	296,440	80.4	202.9	12.1	1.9	112.9	1.1	306,323	68.3	1,752.0	9.4	16.1	17.1	0.2	602,763	220.0	1,865.0	4,053	
10–12	9,432	2.6	32.8	2.0	9.8	22.6	6.8	17,534	3.9	385.2	2.1	62.3	3.6	0.6	26,966	36.4	407.9	564	
12–15	10,884	3.0	45.9	2.7	12.1	30.8	8.1	19,918	4.4	537.1	2.9	76.4	4.9	0.7	30,802	50.8	567.8	695	
Subtotal <=15	316,756	85.9	281.6	16.7	2.5	166.3	1.5	343,775	76.6	2,674.3	14.3	21.9	25.6	0.2	660,531	307.3	2,840.7	5,312	
15–20	11,969	3.3	65.7	3.9	15.6	42.7	10.1	22,400	5.0	774.4	4.1	98.7	6.6	0.8	34,369	72.3	817.1	987	
20–25	7,942	2.2	55.7	3.3	20.2	36.0	13.1	14,552	3.2	646.1	3.5	127.5	5.4	1.1	22,494	61.2	682.1	852	
25–30	5,715	1.6	48.6	2.9	24.6	33.4	16.8	10,074	2.3	545.4	2.9	156.6	4.4	1.3	15,789	53.1	578.8	683	
30–40	7,445	2.0	78.6	4.7	30.9	54.5	21.5	13,386	3.0	905.8	4.8	197.3	7.5	1.6	20,831	86.1	960.3	1,028	
40–50	4,339	1.2	58.1	3.5	39.9	41.1	28.2	8,278	1.9	714.5	3.8	255.6	5.8	2.1	12,617	63.9	755.5	707	
50–100	8,005	2.2	160.8	9.6	60.7	121.4	45.8	17,604	3.9	2,293.3	12.3	399.2	18.3	3.2	25,609	179.1	2,414.6	1,813	
Subtotal <=100	362,171	98.2	749.2	44.5	5.8	495.4	3.9	430,069	95.9	8,553.7	45.7	56.5	73.7	0.5	792,240	822.9	9,049.1	11,382	
100–200	3,256	0.9	131.0	7.8	122.8	103.5	97.0	10,466	2.3	2,517.9	13.5	796.2	20.3	6.4	13,722	151.3	2,621.4	1,339	
200–400	1,665	0.5	132.8	7.9	241.7	113.4	206.3	5,038	1.1	2,328.0	12.4	1,560.3	21.4	14.3	6,703	154.2	2,441.4	800	
400–800	870	0.2	139.5	8.3	473.4	151.5	514.0	1,939	0.4	1,681.0	9.0	3,028.8	21.2	38.3	2,809	160.7	1,832.4	249	
800–1,600	442	0.1	134.1	8.0	907.6	175.0	1,184.6	704	0.2	1,222.4	6.5	6,146.7	17.5	88.1	1,146	151.6	1,397.4	54	
1,600–3,200	167	0.1	97.7	5.8	1,857.1	127.0	2,414.1	239	0.1	846.8	4.5	11,827.2	12.5	174.4	406	110.2	973.8	21	
3,200–6,400	96	0.0	114.6	6.8	3,598.1	166.9	5,236.7	87	0.0	670.1	3.6	23,599.2	9.7	342.7	183	124.4	837.0	8	
6,400–12,800	41	0.0	100.4	6.0	7,061.3	134.8	9,479.0	42	0.0	696.1	3.7	48,455.6	11.2	779.3	83	111.6	830.9	1	
> 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	
Total	368,727	100.0	1,683.8	100.0	12.9	1,607.8	12.3	448,592	100.0	18,716.5	100.0	119.2	197.1	1.3	817,319	1,881.0	20,324.2	13,854	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Annual	Oil rate		Annual	Oil rate	Annual	Horizontal	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	well count	
0–1	146,489	39.4	16.9	1.0	0.3	5.8	0.1	113,694	23.9	94.4	0.5	2.4	0.9	0.0	260,183	17.7	100.2	799	
1–2	45,798	12.3	22.3	1.4	1.4	9.2	0.6	55,246	11.6	163.5	0.9	8.3	1.4	0.1	101,044	23.7	172.7	536	
2–4	49,078	13.2	46.9	2.9	2.7	21.8	1.2	63,576	13.3	371.9	1.9	16.5	3.5	0.2	112,654	50.4	393.8	918	
4–6	27,716	7.5	43.8	2.7	4.5	26.9	2.7	41,179	8.6	407.0	2.1	28.0	4.1	0.3	68,895	47.9	433.9	838	
6–8	18,254	4.9	40.4	2.5	6.2	27.7	4.3	30,049	6.3	417.9	2.2	39.4	4.1	0.4	48,303	44.5	445.6	729	
8–10	12,797	3.4	36.2	2.2	8.0	25.3	5.6	23,435	4.9	420.1	2.2	50.8	3.9	0.5	36,232	40.2	445.4	669	
Subtotal <=10	300,132	80.6	206.5	12.6	1.9	116.8	1.1	327,179	68.6	1,874.7	9.7	16.2	17.9	0.2	627,311	224.4	1,991.5	4,489	
10–12	9,775	2.6	33.3	2.0	9.8	23.2	6.8	18,452	3.9	406.3	2.1	62.4	3.7	0.6	28,227	37.0	429.5	577	
12–15	10,643	2.9	45.2	2.8	12.1	30.3	8.1	21,001	4.4	565.3	2.9	76.5	5.0	0.7	31,644	50.2	595.5	836	
Subtotal <=15	320,550	86.1	285.0	17.4	2.5	170.2	1.5	366,632	76.9	2,846.3	14.8	22.0	26.6	0.2	687,182	311.6	3,016.6	5,902	
15–20	12,214	3.3	66.8	4.1	15.7	43.5	10.2	22,992	4.8	794.6	4.1	98.7	7.0	0.9	35,206	73.8	838.1	1,138	
20–25	7,943	2.1	55.4	3.4	20.1	37.6	13.6	15,031	3.2	666.7	3.5	127.3	5.8	1.1	22,974	61.1	704.3	935	
25–30	5,735	1.5	48.1	2.9	24.5	33.3	16.9	10,620	2.2	573.0	3.0	156.4	4.7	1.3	16,355	52.8	606.3	801	
30–40	7,379	2.0	76.9	4.7	30.8	55.5	22.2	13,823	2.9	936.3	4.9	197.6	7.7	1.6	21,202	84.7	991.8	1,198	
40–50	4,242	1.1	55.8	3.4	39.7	41.9	29.7	8,766	1.8	755.0	3.9	254.5	6.6	2.2	13,008	62.4	796.8	886	
50–100	7,767	2.1	155.7	9.5	60.8	116.7	45.5	19,195	4.0	2,494.4	13.0	399.3	20.4	3.3	26,962	176.1	2,611.1	2,527	
Subtotal <=100	365,830	98.3	743.7	45.3	5.7	498.7	3.9	457,059	95.9	9,066.2	47.1	56.5	78.7	0.5	822,889	822.5	9,564.9	13,387	
100–200	3,186	0.9	127.3	7.8	121.1	107.6	102.4	11,577	2.4	2,775.1	14.4	796.6	21.3	6.1	14,763	148.6	2,882.8	2,056	
200–400	1,623	0.4	128.7	7.8	241.3	115.8	217.1	5,217	1.1	2,347.2	12.2	1,547.1	21.4	14.1	6,840	150.1	2,462.9	1,054	
400–800	873	0.2	134.4	8.2	462.7	154.0	530.3	1,783	0.4	1,503.5	7.8	3,074.2	18.8	38.5	2,656	153.2	1,657.5	283	
800–1,600	375	0.1	110.8	6.8	891.4	154.6	1,243.5	695	0.2	1,203.4	6.3	6,069.9	17.5	88.5	1,070	128.4	1,358.0	71	
1,600–3,200	172	0.1	106.3	6.5	1,868.4	131.1	2,305.1	241	0.1	886.0	4.6	12,001.8	13.2	178.5	413	119.4	1,017.1	17	
3,200–6,400	97	0.0	115.0	7.0	3,625.0	153.3	4,833.9	91	0.0	690.1	3.6	24,482.8	10.2	362.9	188	125.2	843.4	9	
6,400–12,800	47	0.0	110.5	6.7	7,026.0	150.6	9,569.8	40	0.0	600.8	3.1	45,277.6	11.9	895.8	87	122.4	751.4	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	
Total	372,216	100.0	1,643.0	100.0	12.5	1,560.1	11.9	476,709	100.0	19,246.3	100.0	115.7	199.4	1.2	848,925	1,842.3	20,806.4	16,877	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual			Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	143,804	38.8	16.8	1.0	0.3	5.5	0.1	115,169	23.3	96.6	0.5	2.4	0.8	0.0	258,973	17.6	102.1	920	
1–2	46,054	12.4	22.6	1.4	1.4	8.9	0.5	56,875	11.5	169.1	0.9	8.3	1.5	0.1	102,929	24.0	178.0	607	
2–4	49,171	13.3	47.0	2.9	2.7	22.4	1.3	66,701	13.5	392.3	2.0	16.5	3.6	0.2	115,872	50.6	414.7	1,086	
4–6	27,322	7.4	43.5	2.7	4.5	27.0	2.8	43,995	8.9	437.1	2.2	28.0	4.2	0.3	71,317	47.7	464.2	953	
6–8	18,483	5.0	40.9	2.5	6.2	28.0	4.3	32,196	6.5	450.0	2.3	39.4	4.3	0.4	50,679	45.1	478.0	844	
8–10	13,093	3.5	37.3	2.3	8.0	25.7	5.5	24,834	5.0	447.1	2.2	50.9	4.0	0.5	37,927	41.3	472.9	795	
Subtotal <=10	297,927	80.4	208.0	12.7	2.0	117.5	1.1	339,770	68.6	1,992.3	10.0	16.5	18.4	0.2	637,697	226.4	2,109.8	5,205	
10–12	9,473	2.6	32.7	2.0	9.8	23.4	7.0	19,183	3.9	423.3	2.1	62.5	3.7	0.6	28,656	36.5	446.7	706	
12–15	10,913	3.0	46.6	2.8	12.1	31.0	8.0	21,178	4.3	570.6	2.9	76.4	5.1	0.7	32,091	51.7	601.6	951	
Subtotal <=15	318,313	85.9	287.3	17.5	2.5	171.9	1.5	380,131	76.7	2,986.2	14.9	22.1	27.3	0.2	698,444	314.6	3,158.2	6,862	
15–20	12,147	3.3	66.7	4.1	15.6	43.7	10.2	23,390	4.7	809.1	4.1	98.6	7.2	0.9	35,537	73.9	852.8	1,319	
20–25	8,093	2.2	56.2	3.4	20.1	38.7	13.8	15,090	3.1	672.7	3.4	127.3	5.9	1.1	23,183	62.0	711.4	1,091	
25–30	5,636	1.5	47.4	2.9	24.4	34.1	17.6	10,792	2.2	584.6	2.9	156.3	5.0	1.3	16,428	52.4	618.6	949	
30–40	7,285	2.0	75.9	4.6	30.8	54.8	22.2	14,530	2.9	985.1	4.9	197.2	8.5	1.7	21,815	84.4	1,039.9	1,489	
40–50	4,374	1.2	57.6	3.5	39.6	43.7	30.0	9,185	1.9	792.7	4.0	255.0	6.8	2.2	13,559	64.5	836.3	1,107	
50–100	7,873	2.1	156.3	9.5	60.5	124.8	48.3	20,858	4.2	2,726.9	13.7	400.0	22.0	3.2	28,731	178.2	2,851.7	3,564	
Subtotal <=100	363,721	98.2	747.4	45.6	5.8	511.7	4.0	473,976	95.7	9,557.2	47.8	57.2	82.6	0.5	837,697	830.0	10,068.9	16,381	
100–200	3,482	0.9	135.5	8.3	120.5	119.9	106.6	12,732	2.6	3,050.3	15.3	799.0	22.2	5.8	16,214	157.8	3,170.3	3,068	
200–400	1,718	0.5	137.5	8.4	240.9	129.8	227.4	5,619	1.1	2,392.0	12.0	1,538.2	22.8	14.7	7,337	160.3	2,521.8	1,656	
400–800	918	0.3	139.3	8.5	456.8	168.2	551.6	2,007	0.4	1,616.7	8.1	3,034.9	20.4	38.2	2,925	159.6	1,784.9	436	
800–1,600	401	0.1	118.6	7.2	908.9	152.8	1,171.2	698	0.1	1,167.5	5.8	6,023.7	15.7	81.0	1,099	134.3	1,320.3	74	
1,600–3,200	164	0.0	98.1	6.0	1,851.7	131.4	2,479.9	226	0.1	827.8	4.1	12,024.8	13.2	191.6	390	111.3	959.2	17	
3,200–6,400	86	0.0	99.7	6.1	3,651.6	129.4	4,740.0	88	0.0	674.5	3.4	24,353.8	10.1	364.2	174	109.8	803.9	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	
Total	370,548	100.0	1,640.4	100.0	12.5	1,560.1	11.9	495,398	100.0	19,984.6	100.0	115.4	201.0	1.2	865,946	1,841.3	21,544.7	21,642	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	151,071	39.0	17.5	1.1	0.3	6.3	0.1	128,763	24.1	106.2	0.5	2.3	1.0	0.0	279,834	18.5	112.5	1,007	
1–2	49,244	12.7	23.8	1.5	1.4	10.6	0.6	62,242	11.6	185.2	0.9	8.3	1.6	0.1	111,486	25.4	195.8	707	
2–4	50,911	13.2	48.6	3.0	2.7	24.4	1.3	72,906	13.6	430.5	2.0	16.5	4.0	0.2	123,817	52.6	454.9	1,124	
4–6	28,326	7.3	44.8	2.8	4.4	28.7	2.8	47,072	8.8	469.8	2.2	28.0	4.6	0.3	75,398	49.3	498.5	1,076	
6–8	18,906	4.9	41.9	2.6	6.2	28.3	4.2	34,449	6.4	484.9	2.3	39.5	4.5	0.4	53,355	46.4	513.1	1,055	
8–10	13,067	3.4	37.0	2.3	8.0	26.4	5.7	25,473	4.8	462.3	2.2	51.0	4.2	0.5	38,540	41.2	488.8	979	
Subtotal <=10	311,525	80.5	213.7	13.2	1.9	124.6	1.1	370,905	69.3	2,138.9	10.1	16.2	19.8	0.2	682,430	233.4	2,263.5	5,948	
10–12	10,096	2.6	34.9	2.2	9.8	24.4	6.9	19,485	3.6	433.1	2.1	62.4	3.9	0.6	29,581	38.8	457.5	821	
12–15	11,231	2.9	47.7	3.0	12.1	31.7	8.0	21,601	4.0	584.6	2.8	76.4	5.4	0.7	32,832	53.1	616.3	1,147	
Subtotal <=15	332,852	86.0	296.3	18.3	2.5	180.8	1.5	411,991	77.0	3,156.6	14.9	21.5	29.0	0.2	744,843	325.3	3,337.4	7,916	
15–20	12,438	3.2	67.1	4.2	15.5	46.5	10.7	24,309	4.5	843.5	4.0	98.5	7.6	0.9	36,747	74.7	890.0	1,634	
20–25	8,378	2.2	58.0	3.6	20.0	40.4	13.9	16,013	3.0	716.8	3.4	127.4	6.4	1.1	24,391	64.4	757.2	1,535	
25–30	5,878	1.5	48.9	3.0	24.4	35.4	17.7	11,407	2.1	619.6	2.9	155.9	5.5	1.4	17,285	54.4	655.0	1,172	
30–40	7,595	2.0	78.2	4.8	30.6	59.0	23.1	15,287	2.9	1,041.1	4.9	197.6	8.9	1.7	22,882	87.0	1,100.1	2,002	
40–50	4,410	1.1	57.7	3.6	39.7	42.9	29.5	9,980	1.9	868.7	4.1	255.0	7.5	2.2	14,390	65.2	911.5	1,528	
50–100	8,325	2.2	160.5	9.9	60.1	135.6	50.8	22,674	4.2	3,009.4	14.2	402.4	23.1	3.1	30,999	183.5	3,145.0	4,896	
Subtotal <=100	379,876	98.2	766.7	47.4	5.7	540.5	4.0	511,661	95.6	10,255.7	48.5	56.7	87.9	0.5	891,537	854.6	10,796.1	20,683	
100–200	3,723	1.0	140.6	8.7	120.0	124.0	105.8	14,237	2.7	3,431.8	16.2	801.2	23.4	5.5	17,960	164.0	3,555.7	4,206	
200–400	1,720	0.4	130.2	8.0	237.6	128.2	234.0	6,402	1.2	2,741.4	13.0	1,549.7	23.1	13.0	8,122	153.2	2,869.6	2,557	
400–800	946	0.2	143.6	8.9	465.3	166.3	539.1	2,081	0.4	1,627.8	7.7	3,034.8	19.4	36.2	3,027	163.0	1,794.1	731	
800–1,600	419	0.1	121.7	7.5	904.9	156.7	1,165.3	629	0.1	980.3	4.6	5,876.0	14.6	87.6	1,048	136.3	1,137.0	137	
1,600–3,200	130	0.0	77.9	4.8	1,783.1	102.4	2,341.9	232	0.0	779.0	3.7	11,959.0	10.6	162.5	362	88.5	881.4	21	
3,200–6,400	66	0.0	83.8	5.2	3,759.4	99.4	4,458.8	83	0.0	669.8	3.2	24,808.5	10.6	391.3	149	94.4	769.2	7	
6,400–12,800	41	0.0	93.0	5.7	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	
Total	386,934	100.0	1,618.3	100.0	11.8	1,470.6	10.7	535,364	100.0	21,165.1	100.0	112.7	201.9	1.1	922,298	1,820.2	22,635.7	28,342	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells									Gas wells							Total wells			
Prod. rate bracket (BOE/day)	# 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	153,766	39.9	17.7	1.0	0.3	6.4	0.1		131,686	24.3	109.0	0.5	2.3	1.0	0.0	285,452	18.7	115.3	1,204
1-2	48,666	12.6	23.6	1.4	1.4	10.1	0.6		63,700	11.8	189.8	0.9	8.3	1.6	0.1	112,366	25.2	199.9	777
2-4	50,688	13.1	48.1	2.8	2.7	24.3	1.3		74,664	13.8	443.6	2.1	16.6	4.0	0.1	125,352	52.1	467.9	1,328
4-6	28,312	7.3	45.0	2.6	4.5	28.6	2.8		47,727	8.8	479.9	2.2	28.0	4.6	0.3	76,039	49.6	508.4	1,253
6-8	18,306	4.8	40.5	2.3	6.2	27.9	4.3		34,985	6.5	495.7	2.3	39.5	4.6	0.4	53,291	45.2	523.6	1,127
8-10	12,960	3.4	36.8	2.1	8.0	27.0	5.9		25,676	4.8	469.5	2.2	50.9	4.3	0.5	38,636	41.1	496.5	1,036
Subtotal <=10	312,698	81.1	211.7	12.1	1.9	124.3	1.1		378,438	70.0	2,187.4	10.2	16.2	20.1	0.1	691,136	231.8	2,311.7	6,725
10-12	9,700	2.5	33.9	1.9	9.8	23.6	6.9		19,286	3.6	430.8	2.0	62.2	4.0	0.6	28,986	37.9	454.5	963
12-15	10,947	2.8	46.8	2.7	12.0	32.2	8.3		21,791	4.0	596.4	2.8	76.2	5.6	0.7	32,738	52.4	628.6	1,291
Subtotal <=15	333,345	86.4	292.4	16.7	2.5	180.2	1.5		419,515	77.5	3,214.6	15.0	21.5	29.7	0.2	752,860	322.2	3,394.8	8,979
15-20	12,178	3.2	66.6	3.8	15.5	46.6	10.8		24,108	4.5	848.7	4.0	98.4	7.9	0.9	36,286	74.6	895.4	2,032
20-25	8,003	2.1	55.7	3.2	19.9	41.0	14.6		16,142	3.0	732.6	3.4	127.1	6.7	1.2	24,145	62.5	773.6	1,750
25-30	5,482	1.4	46.3	2.7	24.3	34.6	18.2		11,530	2.1	639.5	3.0	156.0	5.6	1.4	17,012	52.0	674.1	1,440
30-40	7,292	1.9	76.7	4.4	30.6	59.5	23.7		15,780	2.9	1,103.4	5.1	197.5	9.3	1.7	23,072	86.0	1,162.9	2,520
40-50	4,307	1.1	57.1	3.3	39.5	44.7	30.9		9,891	1.8	888.2	4.1	255.0	7.5	2.2	14,198	64.6	932.9	1,962
50-100	7,956	2.1	158.3	9.1	60.1	135.9	51.6		22,370	4.1	3,129.0	14.6	402.0	22.3	2.9	30,326	180.6	3,264.9	5,963
Subtotal <=100	378,563	98.2	753.2	43.1	5.6	542.6	4.0		519,336	96.0	10,556.1	49.1	57.1	89.1	0.5	897,899	842.3	11,098.7	24,646
100-200	3,730	1.0	146.1	8.4	120.2	130.2	107.0		13,023	2.4	3,454.4	16.1	798.0	22.2	5.1	16,753	168.4	3,584.6	4,813
200-400	1,807	0.5	139.9	8.0	240.6	134.4	231.1		5,592	1.0	2,599.1	12.1	1,545.9	21.8	13.0	7,399	161.7	2,733.5	2,766
400-800	905	0.2	132.7	7.6	457.4	171.1	589.8		1,988	0.4	1,650.4	7.7	3,044.3	17.5	32.2	2,893	150.1	1,821.4	946
800-1,600	402	0.1	116.4	6.7	884.2	160.6	1,220.4		703	0.1	1,090.1	5.1	6,098.3	15.1	84.3	1,105	131.4	1,250.7	304
1,600-3,200	133	0.0	80.0	4.6	1,836.8	101.9	2,338.7		258	0.1	821.7	3.8	12,051.2	11.6	170.5	391	91.7	923.6	88
3,200-6,400	68	0.0	91.6	5.2	3,972.2	93.1	4,038.6		70	0.0	574.1	2.7	25,290.8	8.7	383.5	138	100.3	667.3	4
6,400-12,800	47	0.0	112.5	6.4	7,435.6	131.6	8,695.8		37	0.0	531.4	2.5	48,244.7	5.2	476.0	84	117.8	663.0	0
> 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
Total	385,685	100.0	1,748.9	100.0	12.8	1,602.3	11.7		541,016	100.0	21,504.6	100.0	112.1	194.5	1.0	926,701	1,943.4	23,107.0	33,567

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells									Gas wells							Total wells			
Prod. rate bracket (BOE/day)	# 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	157,183	39.8	18.1	1.0	0.3	7.3	0.1		139,769	25.3	115.7	0.5	2.3	1.1	0.0	296,952	19.2	123.0	1,323
1-2	50,109	12.7	24.3	1.4	1.4	10.4	0.6		66,310	12.0	198.6	0.9	8.3	1.6	0.1	116,419	25.9	209.0	862
2-4	50,657	12.8	48.0	2.7	2.7	24.4	1.4		75,381	13.6	449.1	2.0	16.6	4.0	0.1	126,038	52.1	473.5	1,525
4-6	28,592	7.3	45.1	2.5	4.4	29.9	2.9		48,264	8.7	486.1	2.2	28.0	4.7	0.3	76,856	49.7	516.0	1,414
6-8	18,540	4.7	40.8	2.3	6.2	29.5	4.5		34,996	6.3	495.9	2.2	39.4	4.8	0.4	53,536	45.6	525.4	1,332
8-10	12,938	3.3	36.3	2.0	8.0	26.5	5.8		25,584	4.6	466.6	2.1	50.7	4.5	0.5	38,522	40.8	493.1	1,200
Subtotal <=10	318,019	80.6	212.5	11.9	1.9	128.0	1.1		390,304	70.6	2,211.9	10.0	15.8	20.7	0.1	708,323	233.3	2,339.9	7,656
10-12	9,776	2.5	33.5	1.9	9.7	25.2	7.3		19,359	3.5	431.4	1.9	62.1	4.3	0.6	29,135	37.8	456.6	1,175
12-15	11,065	2.8	46.4	2.6	12.0	34.3	8.8		21,677	3.9	592.7	2.7	76.1	5.7	0.7	32,742	52.1	627.0	1,571
Subtotal <=15	338,860	85.9	292.5	16.3	2.4	187.4	1.6		431,340	78.0	3,236.0	14.6	20.9	30.7	0.2	770,200	323.2	3,423.5	10,402
15-20	12,271	3.1	66.1	3.7	15.5	47.4	11.1		24,374	4.4	856.4	3.9	98.2	8.2	0.9	36,645	74.3	903.8	2,440
20-25	8,107	2.1	55.3	3.1	19.9	41.2	14.8		16,347	3.0	742.5	3.3	127.4	6.5	1.1	24,454	61.8	783.7	2,000
25-30	5,634	1.4	46.2	2.6	24.1	36.7	19.2		11,818	2.1	656.3	3.0	156.0	5.7	1.4	17,452	51.8	693.0	1,770
30-40	7,516	1.9	75.9	4.2	30.4	60.7	24.3		15,641	2.8	1,095.0	4.9	197.7	9.3	1.7	23,157	85.2	1,155.7	2,904
40-50	4,603	1.2	59.0	3.3	39.2	49.1	32.7		9,876	1.8	892.6	4.0	255.9	7.0	2.0	14,479	66.0	941.7	2,307
50-100	9,037	2.3	169.5	9.5	59.7	158.1	55.7		21,494	3.9	3,011.4	13.6	402.5	20.6	2.7	30,531	190.0	3,169.5	6,905
Subtotal <=100	386,028	97.8	764.4	42.6	5.6	580.6	4.3		530,890	96.0	10,490.3	47.2	55.3	88.1	0.5	916,918	852.4	11,070.9	28,728
100-200	4,367	1.1	160.7	9.0	121.0	142.4	107.2		12,420	2.2	3,218.4	14.5	797.1	21.8	5.4	16,787	182.5	3,360.8	5,653
200-400	2,378	0.6	161.9	9.0	237.7	161.4	237.0		5,769	1.0	2,601.8	11.7	1,575.7	20.9	12.7	8,147	182.9	2,763.3	3,922
400-800	1,159	0.3	149.8	8.4	457.3	181.2	553.0		2,548	0.5	2,005.9	9.0	3,097.1	19.7	30.4	3,707	169.6	2,187.0	1,935
800-1,600	381	0.1	105.3	5.9	887.6	141.8	1,195.4		1,245	0.2	1,828.7	8.2	6,226.0	17.7	60.4	1,626	123.1	1,970.5	905
1,600-3,200	124	0.0	72.4	4.0	1,845.5	80.2	2,042.6		264	0.1	740.3	3.3	11,718.1	10.3	163.2	388	82.8	820.4	145
3,200-6,400	71	0.0	93.9	5.2	3,936.3	96.6	4,049.7		80	0.0	663.6	3.0	24,924.0	10.2	382.1	151	104.1	760.2	7
6,400-12,800	40	0.0	100.2	5.6	7,316.8	133.1	9,718.7		26	0.0	457.4	2.1	50,115.9	6.1	670.1	66	106.3	590.5	0
> 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
Total	394,582	100.0	1,792.6	100.0	12.9	1,658.6	11.9		553,250	100.0	22,214.3	100.0	113.0	197.6	1.0	947,832	1,990.2	23,872.9	41,295

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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual oil prod.	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)		% 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)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	per Well (bbl/day)	gas prod. (Bcf)	per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	per well (Mcf/Day)	oil prod. (MMbbl)	per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	well count	
0–1	161,481	39.4	18.8	1.0	0.3	7.4	0.1	145,744	25.9	120.6	0.5	2.3	1.1	0.0	307,225	19.9	128.0	1,469	
1–2	51,038	12.5	24.6	1.3	1.4	10.8	0.6	68,030	12.1	203.7	0.9	8.3	1.6	0.1	119,068	26.2	214.6	985	
2–4	52,973	12.9	49.4	2.7	2.6	25.5	1.4	76,805	13.7	456.3	2.0	16.5	4.2	0.2	129,778	53.7	481.8	1,787	
4–6	29,276	7.2	45.9	2.5	4.4	30.6	3.0	49,057	8.7	495.4	2.1	28.0	4.8	0.3	78,333	50.6	525.9	1,677	
6–8	18,682	4.6	40.7	2.2	6.2	29.7	4.5	34,618	6.2	490.6	2.1	39.3	4.9	0.4	53,300	45.6	520.4	1,596	
8–10	13,070	3.2	36.6	2.0	8.0	27.6	6.0	25,718	4.6	470.0	2.0	50.7	4.6	0.5	38,788	41.2	497.6	1,456	
Subtotal <=10	326,520	79.8	216.0	11.7	1.9	131.6	1.1	399,972	71.1	2,236.6	9.5	15.6	21.2	0.1	726,492	237.2	2,368.2	8,970	
10–12	9,954	2.4	33.7	1.8	9.7	25.3	7.3	19,159	3.4	427.8	1.8	62.0	4.4	0.6	29,113	38.0	453.1	1,353	
12–15	11,215	2.7	46.5	2.5	11.9	35.2	9.0	21,367	3.8	584.8	2.5	76.0	5.7	0.7	32,582	52.2	620.0	1,896	
Subtotal <=15	347,689	84.9	296.2	16.0	2.4	192.0	1.6	440,498	78.3	3,249.2	13.9	20.6	31.3	0.2	788,187	327.5	3,441.3	12,219	
15–20	12,906	3.2	67.9	3.7	15.3	53.8	12.1	24,294	4.3	856.3	3.7	98.2	8.2	0.9	37,200	76.1	910.1	2,797	
20–25	8,359	2.0	56.1	3.0	19.7	44.5	15.7	16,548	2.9	753.6	3.2	127.2	6.8	1.2	24,907	62.9	798.1	2,312	
25–30	6,095	1.5	48.8	2.6	24.0	40.9	20.1	11,576	2.1	644.4	2.8	155.9	5.8	1.4	17,671	54.6	685.3	2,076	
30–40	8,009	2.0	78.7	4.3	30.3	67.8	26.1	15,266	2.7	1,072.7	4.6	197.4	8.9	1.6	23,275	87.6	1,140.5	3,381	
40–50	4,903	1.2	60.7	3.3	38.7	55.9	35.6	9,580	1.7	863.7	3.7	255.0	7.1	2.1	14,483	67.7	919.5	2,816	
50–100	10,370	2.5	190.0	10.3	59.6	188.1	59.0	20,699	3.7	2,899.2	12.4	401.2	21.3	2.9	31,069	211.3	3,087.3	8,547	
Subtotal <=100	398,331	97.3	798.3	43.2	5.7	643.0	4.6	538,461	95.7	10,339.1	44.1	53.6	89.4	0.5	936,792	887.7	10,982.1	34,148	
100–200	5,533	1.4	195.0	10.6	118.8	200.1	121.9	12,159	2.2	3,162.1	13.5	793.7	25.6	6.4	17,692	220.6	3,362.2	7,442	
200–400	3,305	0.8	210.1	11.4	236.1	235.4	264.4	6,565	1.2	2,996.4	12.8	1,572.8	28.3	14.9	9,870	238.5	3,231.7	5,998	
400–800	1,550	0.4	167.5	9.1	441.1	238.5	628.0	3,436	0.6	2,789.9	11.9	3,129.3	29.2	32.7	4,986	196.6	3,028.4	3,385	
800–1,600	477	0.1	114.3	6.2	872.4	166.1	1,267.7	1,580	0.3	2,435.4	10.4	6,120.6	19.7	49.5	2,057	134.0	2,601.5	1,431	
1,600–3,200	120	0.0	75.6	4.1	1,895.0	86.2	2,160.9	253	0.0	695.1	3.0	11,707.3	8.6	144.1	373	84.2	781.3	150	
3,200–6,400	79	0.0	103.3	5.6	3,969.8	110.1	4,230.4	51	0.0	401.2	1.7	23,422.5	5.4	312.4	130	108.6	511.2	5	
6,400–12,800	34	0.0	89.1	4.8	7,588.0	128.7	10,959.3	27	0.0	460.9	2.0	48,105.6	5.1	529.6	61	94.2	589.6	1	
> 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	
Total	409,445	100.0	1,847.0	100.0	12.9	1,872.6	13.1	562,538	100.0	23,441.0	100.0	117.2	212.1	1.1	971,983	2,059.1	25,313.6	52,560	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	165,199	38.8	19.3	0.9	0.3	7.5	0.1	152,015	26.7	125.7	0.5	2.3	1.3	0.0	317,214	20.5	133.2	1,644	
1-2	52,421	12.3	25.5	1.2	1.4	11.2	0.6	69,539	12.2	208.2	0.9	8.3	1.7	0.1	121,960	27.2	219.4	1,132	
2-4	54,114	12.7	51.0	2.4	2.6	26.1	1.4	77,289	13.6	459.4	1.9	16.5	4.4	0.2	131,403	55.4	485.5	2,054	
4-6	29,645	7.0	46.7	2.2	4.4	31.0	2.9	49,037	8.6	495.4	2.1	28.0	5.0	0.3	78,682	51.7	526.4	1,877	
6-8	18,967	4.5	41.8	2.0	6.2	30.0	4.5	34,082	6.0	484.1	2.0	39.3	5.0	0.4	53,049	46.8	514.1	1,856	
8-10	13,574	3.2	38.2	1.8	8.0	28.5	5.9	24,629	4.3	450.5	1.9	50.6	4.6	0.5	38,203	42.9	479.0	1,670	
Subtotal <=10	333,920	78.4	222.5	10.4	1.9	134.3	1.1	406,591	71.5	2,223.3	9.3	15.2	22.0	0.2	740,511	244.5	2,357.6	10,233	
10-12	10,401	2.4	35.4	1.7	9.7	27.4	7.5	19,171	3.4	428.8	1.8	61.8	4.5	0.6	29,572	39.9	456.2	1,493	
12-15	11,567	2.7	48.4	2.3	11.9	37.1	9.1	21,085	3.7	577.2	2.4	75.8	6.0	0.8	32,652	54.4	614.3	2,155	
Subtotal <=15	355,888	83.5	306.4	14.3	2.4	198.8	1.6	446,847	78.6	3,229.4	13.4	20.1	32.4	0.2	802,735	338.8	3,428.1	13,881	
15-20	13,278	3.1	70.2	3.3	15.3	56.5	12.3	24,009	4.2	848.0	3.5	98.0	8.5	1.0	37,287	78.8	904.6	3,170	
20-25	9,084	2.1	61.0	2.9	19.6	51.9	16.6	16,006	2.8	731.6	3.0	126.9	6.8	1.2	25,090	67.8	783.5	2,732	
25-30	6,369	1.5	51.5	2.4	23.9	44.9	20.8	11,467	2.0	641.4	2.7	155.6	5.8	1.4	17,836	57.3	686.3	2,393	
30-40	8,584	2.0	85.2	4.0	29.9	79.4	27.9	14,964	2.6	1,056.1	4.4	196.8	9.5	1.8	23,548	94.7	1,135.5	4,149	
40-50	5,355	1.3	66.9	3.1	38.4	64.6	37.1	9,290	1.6	846.2	3.5	255.3	7.2	2.2	14,645	74.1	910.7	3,328	
50-100	11,945	2.8	219.8	10.3	59.1	236.5	63.6	20,554	3.6	2,897.9	12.1	398.5	26.2	3.6	32,499	246.0	3,134.4	10,833	
Subtotal <=100	410,503	96.3	861.0	40.3	5.9	732.6	5.1	543,137	95.6	10,250.5	42.7	52.5	96.5	0.5	953,640	957.5	10,983.1	40,486	
100-200	7,382	1.7	257.9	12.1	117.6	294.9	134.5	12,599	2.2	3,374.5	14.0	793.7	34.1	8.0	19,981	292.0	3,669.4	10,657	
200-400	5,092	1.2	306.0	14.3	228.7	395.5	295.7	7,403	1.3	3,529.3	14.7	1,553.7	41.2	18.2	12,495	347.2	3,924.8	9,093	
400-800	2,345	0.6	232.8	10.9	433.7	356.4	663.9	3,696	0.7	3,259.9	13.6	3,097.0	35.0	33.3	6,041	267.8	3,616.3	4,676	
800-1,600	611	0.1	128.7	6.0	834.6	207.2	1,343.6	1,319	0.2	2,180.3	9.1	6,044.2	16.8	46.7	1,930	145.6	2,387.5	1,361	
1,600-3,200	131	0.0	74.6	3.5	1,919.9	76.3	1,963.9	218	0.0	624.2	2.6	11,794.4	7.8	148.0	349	82.4	700.5	141	
3,200-6,400	77	0.0	99.5	4.7	3,669.4	105.7	3,898.2	51	0.0	414.1	1.7	25,425.0	4.9	303.1	128	104.4	519.8	10	
6,400-12,800	39	0.0	104.5	4.9	7,684.2	151.6	11,146.3	21	0.0	335.4	1.4	48,444.0	2.4	345.2	60	106.9	487.1	1	
> 12,800	15	0.0	71.9	3.4	14,733.0	58.6	12,012.2	3	0.0	63.2	0.3	82,857.5	0.0	5.9	18	71.9	121.9	1	
Total	426,195	100.0	2,136.9	100.0	14.3	2,378.9	15.9	568,447	100.0	24,031.5	100.0	118.3	238.9	1.2	994,642	2,375.8	26,410.4	66,426	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells									Gas wells							Total wells				
Prod. rate bracket (BOE/day)	# 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	171,962	38.7	19.9	0.8	0.3	7.7	0.1		154,643	27.2	127.0	0.5	2.3	1.2	0.0		326,605	21.2	134.7	1,925
1-2	53,886	12.1	26.0	1.1	1.4	11.3	0.6		69,779	12.3	209.0	0.9	8.3	1.8	0.1		123,665	27.8	220.3	1,237
2-4	54,178	12.2	51.0	2.1	2.6	26.2	1.4		77,462	13.6	461.2	1.9	16.5	4.4	0.2		131,640	55.4	487.4	2,324
4-6	30,116	6.8	47.4	1.9	4.4	31.3	2.9		48,454	8.5	487.8	2.0	27.9	5.1	0.3		78,570	52.5	519.1	2,109
6-8	19,333	4.4	42.3	1.7	6.2	30.6	4.5		33,674	5.9	477.2	2.0	39.2	5.1	0.4		53,007	47.5	507.7	2,137
8-10	13,787	3.1	38.7	1.6	8.0	29.1	6.0		24,256	4.3	441.7	1.8	50.4	4.8	0.5		38,043	43.5	470.8	1,855
Subtotal <=10	343,262	77.3	225.5	9.2	1.9	136.0	1.1		408,268	71.9	2,203.9	9.2	15.0	22.4	0.2		751,530	247.9	2,339.9	11,587
10-12	10,392	2.3	35.5	1.5	9.7	27.2	7.5		18,640	3.3	416.0	1.7	61.7	4.5	0.7		29,032	40.0	443.3	1,770
12-15	11,915	2.7	49.5	2.0	11.8	39.5	9.4		20,531	3.6	561.8	2.3	75.7	6.0	0.8		32,446	55.5	601.3	2,465
Subtotal <=15	365,569	82.4	310.5	12.7	2.4	202.7	1.6		447,439	78.8	3,181.8	13.3	19.8	32.9	0.2		813,008	343.4	3,384.5	15,822
15-20	13,640	3.1	72.2	3.0	15.2	59.9	12.6		23,457	4.1	831.0	3.5	98.2	8.0	1.0		37,097	80.3	890.9	3,474
20-25	9,009	2.0	60.9	2.5	19.6	51.7	16.6		15,550	2.7	709.9	3.0	126.5	7.0	1.3		24,559	68.0	761.6	3,143
25-30	6,562	1.5	53.2	2.2	23.8	48.5	21.7		11,019	1.9	614.6	2.6	155.2	6.0	1.5		17,581	59.3	663.1	2,827
30-40	9,072	2.0	90.6	3.7	29.8	87.9	28.9		14,578	2.6	1,023.5	4.3	195.9	9.9	1.9		23,650	100.5	1,111.4	4,990
40-50	5,821	1.3	73.6	3.0	38.2	74.3	38.6		9,060	1.6	819.2	3.4	252.9	8.3	2.6		14,881	81.8	893.5	4,156
50-100	13,799	3.1	261.9	10.7	59.2	305.8	69.1		20,816	3.7	2,914.3	12.2	394.4	32.2	4.4		34,615	294.1	3,220.2	14,471
Subtotal <=100	423,472	95.4	923.0	37.8	6.2	830.9	5.6		541,919	95.4	10,094.3	42.1	51.8	104.4	0.5		965,391	1,027.4	10,925.2	48,883
100-200	9,559	2.2	340.2	13.9	116.2	433.1	147.9		13,072	2.3	3,482.3	14.5	777.3	45.3	10.1		22,631	385.6	3,915.4	14,520
200-400	6,719	1.5	396.2	16.2	223.8	568.7	321.3		7,748	1.4	3,687.6	15.4	1,518.5	56.8	23.4		14,467	453.1	4,256.3	11,470
400-800	3,164	0.7	306.7	12.6	424.6	499.7	691.8		3,615	0.6	3,036.5	12.7	3,001.4	42.5	42.0		6,779	349.2	3,536.3	5,364
800-1,600	680	0.2	136.8	5.6	849.8	215.2	1,337.5		1,305	0.2	2,031.9	8.5	6,096.1	18.0	53.9		1,985	154.7	2,247.1	1,473
1,600-3,200	131	0.0	77.6	3.2	1,884.8	81.9	1,990.4		282	0.1	768.2	3.2	11,633.9	7.0	106.2		413	84.6	850.1	214
3,200-6,400	70	0.0	87.9	3.6	3,702.9	92.8	3,912.0		54	0.0	408.1	1.7	25,444.3	3.9	240.1		124	91.7	500.9	20
6,400-12,800	42	0.0	106.2	4.4	7,427.8	131.4	9,184.0		28	0.0	437.7	1.8	46,569.4	3.1	331.9		70	109.4	569.1	3
> 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
Total	443,851	100.0	2,443.8	100.0	15.8	2,923.5	18.9		568,024	100.0	23,980.6	100.0	118.0	281.0	1.4		1,011,875	2,724.7	26,904.1	81,947

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual			Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	178,438	38.5	20.2	0.7	0.3	7.9	0.1	160,571	28.4	128.2	0.5	2.2	1.3	0.0	339,009	21.5	136.1	2,258	
1–2	54,493	11.8	26.2	0.9	1.4	11.4	0.6	67,693	12.0	202.2	0.8	8.3	1.8	0.1	122,186	28.0	213.5	1,382	
2–4	55,098	11.9	51.6	1.8	2.6	26.6	1.4	74,467	13.2	441.2	1.8	16.4	4.5	0.2	129,565	56.1	467.8	2,586	
4–6	30,936	6.7	48.6	1.7	4.4	32.2	2.9	47,121	8.3	472.4	1.9	27.8	5.2	0.3	78,057	53.7	504.6	2,278	
6–8	19,517	4.2	42.6	1.5	6.2	31.3	4.5	32,718	5.8	462.5	1.9	39.1	5.0	0.4	52,235	47.6	493.7	2,180	
8–10	14,249	3.1	40.0	1.4	7.9	30.3	6.0	23,715	4.2	432.3	1.7	50.4	4.7	0.5	37,964	44.7	462.5	1,959	
Subtotal <=10	352,731	76.1	229.2	8.0	1.8	139.7	1.1	406,285	71.8	2,138.6	8.6	14.6	22.4	0.2	759,016	251.7	2,278.3	12,643	
10–12	10,881	2.4	36.9	1.3	9.7	28.8	7.6	17,775	3.1	396.5	1.6	61.7	4.4	0.7	28,656	41.3	425.3	1,993	
12–15	12,158	2.6	50.5	1.8	11.8	40.6	9.5	19,931	3.5	545.3	2.2	75.7	5.8	0.8	32,089	56.3	585.9	2,652	
Subtotal <=15	375,770	81.1	316.7	11.1	2.4	209.0	1.6	443,991	78.4	3,080.4	12.4	19.3	32.6	0.2	819,761	349.3	3,289.4	17,288	
15–20	13,939	3.0	74.0	2.6	15.2	62.9	12.9	23,054	4.1	813.5	3.3	97.9	8.3	1.0	36,993	82.4	876.4	4,011	
20–25	9,559	2.1	64.4	2.3	19.5	57.3	17.3	15,409	2.7	699.8	2.8	126.2	7.2	1.3	24,968	71.6	757.1	3,826	
25–30	7,032	1.5	57.1	2.0	23.7	52.7	21.9	10,908	1.9	605.0	2.4	154.1	6.4	1.6	17,940	63.6	657.8	3,528	
30–40	9,536	2.1	95.3	3.3	29.5	98.5	30.6	14,428	2.6	1,008.9	4.1	194.9	11.0	2.1	23,964	106.2	1,107.4	6,219	
40–50	6,428	1.4	81.9	2.9	37.9	88.0	40.8	9,334	1.7	838.0	3.4	250.6	9.8	2.9	15,762	91.7	926.0	5,415	
50–100	15,997	3.5	309.3	10.8	58.6	390.8	74.0	21,824	3.9	3,054.8	12.3	392.9	41.2	5.3	37,821	350.5	3,445.6	18,750	
Subtotal <=100	438,261	94.5	998.7	34.9	6.5	959.2	6.2	538,948	95.2	10,100.5	40.5	52.1	116.6	0.6	977,209	1,115.3	11,059.7	59,037	
100–200	11,526	2.5	413.6	14.5	114.5	571.8	158.4	13,699	2.4	3,598.5	14.4	761.5	56.9	12.1	25,225	470.5	4,170.4	17,693	
200–400	8,350	1.8	497.7	17.4	222.1	764.7	341.2	7,302	1.3	3,463.0	13.9	1,495.6	64.2	27.7	15,652	561.9	4,227.7	12,724	
400–800	4,245	0.9	387.9	13.6	422.6	645.8	703.7	4,105	0.7	3,445.9	13.8	2,996.5	57.9	50.4	8,350	445.8	4,091.7	7,003	
800–1,600	949	0.2	163.4	5.7	815.8	271.2	1,354.1	1,563	0.3	2,436.8	9.8	6,099.1	23.9	59.8	2,512	187.3	2,708.1	2,021	
1,600–3,200	166	0.0	85.9	3.0	1,880.6	86.7	1,897.7	341	0.1	915.8	3.7	11,684.7	5.8	74.1	507	91.7	1,002.4	311	
3,200–6,400	71	0.0	87.5	3.1	3,794.1	97.7	4,236.9	71	0.0	519.1	2.1	25,763.6	3.9	193.6	142	91.4	616.8	36	
6,400–12,800	53	0.0	129.4	4.5	7,459.1	152.7	8,799.6	26	0.0	377.5	1.5	48,652.5	5.5	712.0	79	134.9	530.2	4	
> 12,800	21	0.0	96.7	3.4	15,063.0	111.2	17,308.3	2	0.0	59.8	0.2	81,979.4	0.0	5.8	23	96.7	171.0	0	
Total	463,642	100.0	2,860.8	100.0	17.8	3,660.9	22.7	566,057	100.0	24,917.1	100.0	123.0	334.8	1.7	1,029,699	3,195.6	28,577.9	98,829	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	179,589	39.2	19.9	0.7	0.3	7.5	0.1	166,137	29.1	129.9	0.5	2.2	1.3	0.0	345,726	21.1	137.4	2,567	
1-2	52,428	11.5	25.2	0.8	1.4	10.7	0.6	68,101	11.9	202.6	0.8	8.3	1.7	0.1	120,529	26.9	213.3	1,675	
2-4	52,560	11.5	49.3	1.6	2.6	26.5	1.4	75,287	13.2	445.2	1.7	16.4	4.4	0.2	127,847	53.8	471.7	2,967	
4-6	29,862	6.5	46.9	1.5	4.4	31.9	3.0	46,417	8.1	465.0	1.8	27.7	5.1	0.3	76,279	51.9	496.9	2,730	
6-8	19,487	4.3	42.7	1.4	6.2	31.7	4.6	32,168	5.6	455.1	1.8	39.1	5.0	0.4	51,655	47.7	486.8	2,564	
8-10	13,780	3.0	39.0	1.3	7.9	30.1	6.1	23,221	4.1	424.0	1.6	50.5	4.5	0.5	37,001	43.5	454.1	2,386	
Subtotal <=10	347,706	76.0	223.0	7.3	1.8	138.4	1.1	411,331	72.1	2,121.8	8.2	14.4	22.0	0.1	759,037	244.9	2,260.2	14,889	
10-12	10,526	2.3	36.1	1.2	9.7	29.0	7.8	17,638	3.1	393.4	1.5	61.7	4.3	0.7	28,164	40.4	422.4	2,196	
12-15	12,048	2.6	50.4	1.7	11.8	42.1	9.8	20,310	3.6	555.0	2.1	75.7	5.9	0.8	32,358	56.3	597.1	3,117	
Subtotal <=15	370,280	80.9	309.5	10.1	2.4	209.5	1.6	449,279	78.8	3,070.2	11.9	19.0	32.2	0.2	819,559	341.6	3,279.7	20,202	
15-20	13,802	3.0	73.9	2.4	15.1	65.9	13.5	22,795	4.0	804.3	3.1	97.7	8.6	1.0	36,597	82.4	870.3	4,996	
20-25	9,432	2.1	64.0	2.1	19.3	60.8	18.3	15,096	2.7	685.6	2.7	125.7	7.6	1.4	24,528	71.6	746.4	4,558	
25-30	6,783	1.5	56.7	1.9	23.6	55.5	23.1	10,644	1.9	590.2	2.3	153.6	6.8	1.8	17,427	63.5	645.8	4,254	
30-40	9,123	2.0	94.5	3.1	29.4	100.7	31.4	14,149	2.5	985.3	3.8	193.1	12.5	2.4	23,272	107.0	1,086.0	7,480	
40-50	6,505	1.4	85.3	2.8	37.3	101.5	44.4	9,256	1.6	830.8	3.2	248.8	11.1	3.3	15,761	96.4	932.3	6,796	
50-100	16,592	3.6	334.2	10.9	57.6	453.7	78.2	22,744	4.0	3,189.5	12.3	389.6	47.8	5.8	39,336	382.1	3,643.2	22,924	
Subtotal <=100	432,517	94.5	1,018.1	33.3	6.7	1,047.8	6.9	543,963	95.4	10,155.9	39.2	52.0	126.5	0.6	976,480	1,144.6	11,203.7	71,210	
100-200	11,699	2.6	449.5	14.7	112.4	671.3	167.8	13,205	2.3	3,488.4	13.5	747.5	65.7	14.1	24,904	515.2	4,159.7	18,856	
200-400	7,853	1.7	521.3	17.1	217.1	880.4	366.7	6,834	1.2	3,404.0	13.2	1,485.3	71.7	31.3	14,687	593.0	4,284.5	12,050	
400-800	4,209	0.9	442.6	14.5	411.9	836.2	778.2	3,994	0.7	3,631.4	14.0	2,995.2	69.0	56.9	8,203	511.5	4,467.6	6,929	
800-1,600	1,062	0.2	185.0	6.1	797.8	335.3	1,446.4	1,875	0.3	3,125.4	12.1	6,121.2	26.8	52.4	2,937	211.7	3,460.7	2,450	
1,600-3,200	154	0.0	76.1	2.5	1,841.5	82.5	1,996.4	383	0.1	1,132.6	4.4	11,623.8	7.2	74.1	537	83.3	1,215.0	372	
3,200-6,400	68	0.0	77.1	2.5	3,641.5	94.8	4,475.5	63	0.0	493.2	1.9	24,777.5	4.4	222.0	131	81.6	588.0	21	
6,400-12,800	70	0.0	163.2	5.3	7,395.7	192.1	8,705.2	21	0.0	376.9	1.5	50,141.1	2.4	317.9	91	165.6	568.9	0	
> 12,800	27	0.0	124.6	4.1	13,744.0	155.6	17,159.8	2	0.0	79.4	0.3	136,666.4	0.6	973.0	29	125.2	235.0	0	
Total	457,659	100.0	3,057.5	100.0	19.0	4,295.9	26.7	570,340	100.0	25,887.2	100.0	126.8	374.2	1.8	1,027,999	3,431.7	30,183.1	111,888	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	178,645	40.5	19.4	0.7	0.3	7.3	0.1	173,436	31.0	129.9	0.5	2.1	1.2	0.0	352,081	20.6	137.2	3,119	
1-2	48,801	11.1	23.6	0.8	1.4	9.8	0.6	64,586	11.5	192.7	0.8	8.3	1.6	0.1	113,387	25.3	202.5	1,782	
2-4	49,624	11.3	46.8	1.6	2.6	25.3	1.4	70,994	12.7	420.2	1.6	16.5	4.2	0.2	120,618	51.0	445.5	3,139	
4-6	28,417	6.5	44.6	1.6	4.4	31.3	3.1	44,739	8.0	448.8	1.7	27.8	4.9	0.3	73,156	49.5	480.2	2,964	
6-8	18,225	4.1	40.0	1.4	6.1	31.1	4.8	30,880	5.5	437.2	1.7	39.1	4.7	0.4	49,105	44.7	468.3	2,786	
8-10	13,254	3.0	37.5	1.3	7.9	30.1	6.3	22,233	4.0	405.6	1.6	50.4	4.5	0.6	35,487	42.0	435.7	2,566	
Subtotal <=10	336,966	76.5	212.0	7.4	1.8	135.0	1.1	406,868	72.6	2,034.3	7.9	13.9	21.1	0.1	743,834	233.0	2,169.2	16,356	
10-12	10,030	2.3	34.6	1.2	9.6	28.7	8.0	16,901	3.0	377.1	1.5	61.6	4.3	0.7	26,931	38.9	405.9	2,379	
12-15	11,497	2.6	48.3	1.7	11.7	42.5	10.3	19,324	3.5	530.3	2.1	75.6	5.8	0.8	30,821	54.1	572.8	3,461	
Subtotal <=15	358,493	81.4	294.9	10.3	2.3	206.2	1.6	443,093	79.1	2,941.7	11.4	18.5	31.1	0.2	801,586	326.0	3,147.9	22,196	
15-20	13,213	3.0	71.3	2.5	15.0	64.2	13.6	21,799	3.9	769.1	3.0	97.3	8.7	1.1	35,012	80.0	833.4	5,613	
20-25	8,967	2.0	61.6	2.2	19.2	60.4	18.8	14,443	2.6	655.1	2.6	125.2	7.7	1.5	23,410	69.3	715.4	5,292	
25-30	6,588	1.5	54.9	1.9	23.3	58.4	24.7	10,266	1.8	567.9	2.2	152.5	7.3	2.0	16,854	62.2	626.2	5,003	
30-40	9,339	2.1	96.9	3.4	29.0	113.0	33.8	13,687	2.4	952.9	3.7	192.4	12.7	2.6	23,026	109.7	1,065.9	9,226	
40-50	6,460	1.5	84.9	3.0	36.8	110.8	48.0	9,293	1.7	831.8	3.2	246.7	12.1	3.6	15,753	97.0	942.6	8,008	
50-100	16,742	3.8	341.9	12.0	57.2	495.1	82.9	22,694	4.1	3,154.4	12.3	383.3	52.9	6.4	39,436	394.8	3,649.5	25,907	
Subtotal <=100	419,802	95.3	1,006.4	35.3	6.8	1,108.0	7.4	535,275	95.6	9,872.9	38.4	51.3	132.6	0.7	955,077	1,138.9	10,981.0	81,245	
100-200	10,104	2.3	387.6	13.6	109.1	623.2	175.4	12,145	2.2	3,176.1	12.3	731.5	71.3	16.4	22,249	458.9	3,799.3	17,241	
200-400	5,665	1.3	385.8	13.5	213.3	701.8	388.0	6,647	1.2	3,425.8	13.3	1,485.5	73.3	31.8	12,312	459.2	4,127.6	10,035	
400-800	3,564	0.8	389.1	13.6	411.8	756.0	800.2	3,850	0.7	3,869.2	15.0	3,026.0	57.6	45.1	7,414	446.7	4,625.1	6,388	
800-1,600	1,121	0.3	195.5	6.9	795.8	364.5	1,483.9	1,667	0.3	3,169.1	12.3	6,238.6	25.2	49.6	2,788	220.7	3,533.6	2,346	
1,600-3,200	191	0.0	79.9	2.8	1,821.4	96.5	2,199.7	499	0.1	1,381.1	5.4	12,121.5	5.7	50.4	690	85.6	1,477.6	538	
3,200-6,400	82	0.0	104.1	3.7	3,832.9	121.2	4,464.8	56	0.0	377.2	1.5	24,825.7	3.9	253.9	138	107.9	498.4	24	
6,400-12,800	73	0.0	185.7	6.5	7,695.2	212.3	8,797.2	21	0.0	358.7	1.4	47,995.2	3.1	411.5	94	188.8	571.0	0	
> 12,800	26	0.0	119.0	4.2	13,404.9	129.4	14,575.4	2	0.0	105.5	0.4	144,152.5	0.7	898.7	28	119.7	234.9	0	
Total	440,628	100.0	2,853.0	100.0	18.3	4,112.9	26.4	560,162	100.0	25,735.8	100.0	128.0	373.4	1.9	1,000,790	3,226.3	29,848.7	117,817	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B18. United States oil and gas well summary statistics, 2017

Oil wells								Gas wells								Total wells			
			Annual			Annual				Annual			Annual				Annual	Annual	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	173,598	40.1	18.7	0.6	0.3	6.6	0.1	171,930	31.0	130.8	0.5	2.1	1.1	0.0	345,528	19.9	137.4	3,159	
1–2	47,787	11.1	23.1	0.8	1.4	9.2	0.5	64,640	11.7	192.2	0.7	8.3	1.6	0.1	112,427	24.7	201.4	1,802	
2–4	49,203	11.4	46.4	1.5	2.7	24.8	1.4	70,612	12.8	417.0	1.6	16.5	3.9	0.2	119,815	50.3	441.8	3,258	
4–6	28,082	6.5	44.2	1.5	4.4	30.3	3.0	44,054	8.0	443.0	1.7	28.0	4.3	0.3	72,136	48.5	473.3	3,229	
6–8	17,777	4.1	39.0	1.3	6.2	30.1	4.7	29,954	5.4	423.2	1.6	39.2	4.4	0.4	47,731	43.4	453.2	2,988	
8–10	12,756	3.0	35.9	1.2	7.9	28.8	6.3	21,375	3.9	388.8	1.5	50.4	4.3	0.6	34,131	40.2	417.6	2,743	
Subtotal <=10	329,203	76.1	207.4	6.9	1.8	129.8	1.1	402,565	72.7	1,994.9	7.6	13.9	19.6	0.1	731,768	227.0	2,124.8	17,179	
10–12	9,919	2.3	34.1	1.1	9.6	28.3	8.0	16,904	3.1	376.5	1.4	61.7	4.1	0.7	26,823	38.2	404.9	2,639	
12–15	11,077	2.6	46.3	1.5	11.7	41.3	10.4	18,710	3.4	510.1	1.9	75.5	5.7	0.8	29,787	51.9	551.4	3,950	
Subtotal <=15	350,199	81.0	287.8	9.5	2.3	199.4	1.6	438,179	79.1	2,881.5	11.0	18.4	29.4	0.2	788,378	317.2	3,081.0	23,768	
15–20	12,866	3.0	69.1	2.3	15.0	64.0	13.9	21,219	3.8	743.9	2.8	97.0	8.7	1.1	34,085	77.8	807.8	6,513	
20–25	8,810	2.0	59.9	2.0	19.1	62.3	19.8	14,178	2.6	638.6	2.4	124.5	8.1	1.6	22,988	68.0	700.8	6,450	
25–30	6,594	1.5	54.7	1.8	23.3	58.5	24.9	10,075	1.8	554.4	2.1	151.9	7.6	2.1	16,669	62.3	613.0	5,943	
30–40	9,324	2.2	96.0	3.2	28.8	116.1	34.9	13,935	2.5	963.9	3.7	191.2	13.9	2.8	23,259	109.9	1,080.0	10,919	
40–50	6,600	1.5	85.5	2.8	36.4	117.0	49.8	9,357	1.7	830.9	3.2	244.9	13.1	3.9	15,957	98.6	947.9	9,169	
50–100	16,574	3.8	329.5	10.9	56.0	500.0	85.0	22,341	4.0	3,043.0	11.6	377.5	55.6	6.9	38,915	385.0	3,543.0	26,890	
Subtotal <=100	410,967	95.0	982.4	32.6	6.7	1,117.2	7.7	529,284	95.5	9,656.3	36.8	50.9	136.4	0.7	940,251	1,118.8	10,773.5	89,652	
100–200	8,810	2.0	328.2	10.9	108.6	539.0	178.4	11,281	2.0	2,940.9	11.2	734.3	65.1	16.3	20,091	393.3	3,479.9	15,481	
200–400	5,604	1.3	362.8	12.0	216.7	657.0	392.3	6,872	1.2	3,552.5	13.5	1,503.0	68.1	28.8	12,476	430.9	4,209.4	10,295	
400–800	4,708	1.1	496.9	16.5	423.8	929.4	792.7	3,658	0.7	3,543.6	13.5	3,025.8	55.8	47.6	8,366	552.7	4,473.0	7,307	
800–1,600	1,915	0.4	294.1	9.8	785.7	576.4	1,539.8	1,863	0.3	3,055.5	11.7	6,185.4	39.8	80.5	3,778	333.9	3,631.8	3,406	
1,600–3,200	310	0.1	101.8	3.4	1,698.1	149.1	2,488.3	904	0.2	2,401.8	9.2	12,245.1	13.1	66.6	1,214	114.8	2,551.0	1,053	
3,200–6,400	89	0.0	107.5	3.6	3,874.5	115.5	4,162.2	133	0.0	571.4	2.2	24,479.0	2.9	123.5	222	110.4	687.0	119	
6,400–12,800	79	0.0	203.6	6.8	7,481.8	218.1	8,016.8	25	0.0	413.2	1.6	49,929.9	3.8	457.3	104	207.3	631.3	2	
> 12,800	26	0.0	139.5	4.6	14,892.4	119.3	12,730.0	3	0.0	100.8	0.4	118,586.9	2.2	2,537.1	29	141.7	220.1	0	
Total	432,508	100.0	3,016.9	100.0	19.8	4,421.0	29.1	554,023	100.0	26,235.9	100.0	132.5	387.0	2.0	986,531	3,403.9	30,656.9	127,315	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B19. United States oil and gas well summary statistics, 2018

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	172,014	39.5	18.5	0.5	0.3	6.3	0.1	174,705	32.0	130.1	0.5	2.1	1.0	0.0	346,719	19.5	136.4	3,411	
1–2	48,607	11.2	23.3	0.7	1.4	9.1	0.5	62,449	11.5	185.2	0.6	8.3	1.4	0.1	111,056	24.8	194.3	2,223	
2–4	49,882	11.4	46.4	1.3	2.7	24.7	1.4	67,688	12.4	401.1	1.4	16.5	3.5	0.1	117,570	49.9	425.8	3,901	
4–6	27,448	6.3	42.5	1.2	4.4	28.8	3.0	42,382	7.8	426.8	1.5	28.0	4.2	0.3	69,830	46.7	455.6	3,454	
6–8	17,710	4.1	38.3	1.1	6.2	28.9	4.7	28,632	5.3	405.2	1.4	39.3	4.2	0.4	46,342	42.5	434.1	3,305	
8–10	12,714	2.9	35.2	1.0	7.9	28.8	6.4	20,777	3.8	377.8	1.3	50.4	4.2	0.6	33,491	39.4	406.6	3,002	
Subtotal <=10	328,375	75.3	204.2	5.8	1.8	126.6	1.1	396,633	72.7	1,926.2	6.6	13.6	18.6	0.1	725,008	222.7	2,052.8	19,296	
10–12	9,817	2.3	33.2	0.9	9.6	28.0	8.1	16,050	2.9	356.0	1.2	61.4	4.2	0.7	25,867	37.5	384.0	3,103	
12–15	11,256	2.6	46.3	1.3	11.7	40.5	10.3	18,094	3.3	492.9	1.7	75.3	5.6	0.9	29,350	51.9	533.5	4,577	
Subtotal <=15	349,448	80.2	283.7	8.0	2.3	195.1	1.6	430,777	79.0	2,775.2	9.5	18.0	28.3	0.2	780,225	312.1	2,970.3	26,976	
15–20	12,969	3.0	68.5	1.9	15.0	65.0	14.2	20,833	3.8	729.1	2.5	96.8	8.9	1.2	33,802	77.3	794.1	7,816	
20–25	8,826	2.0	59.1	1.7	19.0	62.2	20.0	13,562	2.5	609.5	2.1	124.5	7.9	1.6	22,388	67.0	671.7	7,248	
25–30	6,678	1.5	54.4	1.5	23.0	61.9	26.2	9,937	1.8	542.6	1.9	150.9	8.0	2.2	16,615	62.3	604.4	6,976	
30–40	9,646	2.2	97.6	2.8	28.6	124.0	36.4	13,898	2.6	955.6	3.3	190.3	14.5	2.9	23,544	112.1	1,079.6	12,202	
40–50	6,702	1.5	86.3	2.5	36.4	118.8	50.1	9,298	1.7	820.0	2.8	243.8	13.9	4.1	16,000	100.2	938.8	9,706	
50–100	15,776	3.6	307.8	8.7	55.3	479.8	86.2	20,976	3.8	2,836.1	9.7	375.0	53.8	7.1	36,752	361.5	3,315.9	25,842	
Subtotal <=100	410,045	94.1	957.3	27.1	6.7	1,106.7	7.7	519,281	95.2	9,268.1	31.7	49.9	135.2	0.7	929,326	1,092.5	10,374.8	96,766	
100–200	8,739	2.0	323.4	9.2	108.8	545.6	183.5	11,120	2.0	2,929.5	10.0	743.7	62.7	15.9	19,859	386.1	3,475.1	15,394	
200–400	7,238	1.7	478.4	13.6	217.4	898.0	408.0	7,135	1.3	3,665.6	12.5	1,489.9	75.6	30.7	14,373	554.0	4,563.5	12,245	
400–800	6,466	1.5	710.3	20.1	426.4	1,351.7	811.5	4,116	0.8	3,917.0	13.4	2,941.3	89.9	67.5	10,582	800.2	5,268.7	9,617	
800–1,600	2,849	0.7	456.6	12.9	780.0	902.0	1,540.8	2,393	0.4	4,043.6	13.8	6,035.4	66.6	99.5	5,242	523.2	4,945.6	4,851	
1,600–3,200	363	0.1	110.8	3.1	1,634.9	191.1	2,818.6	1,301	0.2	3,935.7	13.5	12,696.6	19.8	63.7	1,664	130.6	4,126.7	1,515	
3,200–6,400	108	0.0	139.4	4.0	3,953.3	143.3	4,063.7	209	0.0	1,069.9	3.7	23,650.6	2.6	58.1	317	142.1	1,213.2	187	
6,400–12,800	95	0.0	240.8	6.8	7,771.6	235.1	7,587.9	22	0.0	357.5	1.2	48,930.3	6.0	818.4	117	246.8	592.6	1	
> 12,800	23	0.0	110.2	3.1	15,670.5	77.7	11,046.7	2	0.0	52.2	0.2	71,537.7	2.0	2,775.1	25	112.2	129.9	0	
Total	435,926	100.0	3,527.2	100.0	23.4	5,451.1	36.1	545,579	100.0	29,239.0	100.0	150.3	460.4	2.4	981,505	3,987.7	34,690.1	140,576	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B20. United States oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	164,309	38.2	16.9	0.4	0.3	5.7	0.1	169,267	31.4	125.1	0.4	2.2	0.9	0.0	333,576	17.8	130.8	3,406	
1–2	48,409	11.3	22.4	0.6	1.4	8.3	0.5	61,665	11.4	178.7	0.5	8.4	1.2	0.1	110,074	23.6	187.0	2,243	
2–4	49,373	11.5	44.9	1.2	2.7	23.1	1.4	65,860	12.2	377.2	1.1	16.6	3.2	0.1	115,233	48.1	400.3	3,957	
4–6	26,768	6.2	40.9	1.1	4.4	27.1	2.9	40,753	7.6	394.2	1.2	28.0	3.8	0.3	67,521	44.7	421.4	3,735	
6–8	17,493	4.1	37.3	1.0	6.2	28.7	4.7	27,596	5.1	370.2	1.1	39.1	4.0	0.4	45,089	41.3	399.0	3,535	
8–10	12,513	2.9	34.2	0.9	7.9	27.7	6.4	20,136	3.7	347.7	1.0	50.2	4.1	0.6	32,649	38.3	375.4	3,422	
Subtotal <=10	318,865	74.1	196.6	5.0	1.8	120.8	1.1	385,277	71.5	1,793.1	5.2	13.6	17.2	0.1	704,142	213.8	1,913.8	20,298	
10–12	9,958	2.3	33.4	0.9	9.6	27.5	8.0	15,538	2.9	326.3	1.0	61.4	3.8	0.7	25,496	37.2	353.8	3,462	
12–15	11,144	2.6	45.0	1.2	11.6	41.3	10.7	18,044	3.4	462.6	1.4	75.3	5.4	0.9	29,188	50.4	503.9	5,306	
Subtotal <=15	339,967	79.0	274.9	7.1	2.4	189.6	1.7	418,859	77.7	2,581.9	7.5	18.0	26.5	0.2	758,826	301.4	2,771.5	29,066	
15–20	12,969	3.0	67.1	1.7	14.9	66.4	14.7	20,412	3.8	670.6	2.0	96.6	8.4	1.2	33,381	75.5	737.0	8,673	
20–25	9,105	2.1	59.6	1.5	19.0	64.0	20.4	13,852	2.6	585.0	1.7	124.4	7.8	1.6	22,957	67.4	649.1	8,240	
25–30	7,044	1.6	56.2	1.4	22.9	65.9	26.9	10,359	1.9	531.2	1.6	151.3	7.6	2.2	17,403	63.8	597.1	7,687	
30–40	9,791	2.3	97.5	2.5	28.5	126.2	36.9	14,166	2.6	915.6	2.7	190.2	14.2	3.0	23,957	111.7	1,041.8	12,863	
40–50	6,788	1.6	84.8	2.2	35.9	124.3	52.6	9,541	1.8	789.9	2.3	242.7	13.8	4.2	16,329	98.6	914.2	10,158	
50–100	15,140	3.5	288.1	7.4	54.9	468.4	89.3	21,480	4.0	2,730.0	8.0	373.1	53.7	7.3	36,620	341.9	3,198.4	25,469	
Subtotal <=100	400,804	93.2	928.3	23.8	6.9	1,104.8	8.2	508,669	94.4	8,804.3	25.7	50.7	132.0	0.8	909,473	1,060.3	9,909.1	102,156	
100–200	9,588	2.2	351.2	9.0	107.7	655.1	201.0	12,144	2.3	3,044.0	8.9	740.3	74.3	18.1	21,732	425.6	3,699.1	17,185	
200–400	8,112	1.9	550.6	14.1	213.0	1,132.4	438.0	8,368	1.6	4,051.1	11.8	1,458.0	102.4	36.8	16,480	653.0	5,183.4	14,394	
400–800	7,706	1.8	865.6	22.2	418.8	1,734.4	839.2	4,736	0.9	4,476.2	13.1	2,935.3	107.0	70.2	12,442	972.6	6,210.6	11,525	
800–1,600	3,245	0.8	518.0	13.3	762.3	1,104.0	1,624.8	2,989	0.6	5,232.6	15.3	6,068.1	87.7	101.7	6,234	605.7	6,336.6	5,791	
1,600–3,200	435	0.1	127.9	3.3	1,613.5	219.8	2,773.5	1,528	0.3	5,115.5	14.9	12,612.6	38.9	95.9	1,963	166.8	5,335.3	1,603	
3,200–6,400	145	0.0	160.8	4.1	3,811.5	180.5	4,276.8	448	0.1	2,672.9	7.8	23,708.7	22.8	202.0	593	183.6	2,853.3	311	
6,400–12,800	108	0.0	286.8	7.4	7,880.6	270.0	7,418.9	77	0.0	844.9	2.5	46,242.3	7.8	429.1	185	294.7	1,114.9	34	
> 12,800	25	0.0	112.6	2.9	14,074.2	110.2	13,772.6	9	0.0	70.5	0.2	92,038.2	3.2	4,137.1	34	115.8	180.7	7	
Total	430,168	100.0	3,901.9	100.0	27.2	6,511.1	45.4	538,968	100.0	34,312.0	100.0	186.9	576.2	3.1	969,136	4,478.0	40,823.1	153,006	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B21. Alabama oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil prod.		Oil rate per Well (bbl/day)	Annual gas prod.		# of gas wells	% of gas wells	Annual gas prod.		Gas rate per well (Mcf/Day)	Annual oil prod.		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			(MMbbl)	% of oil prod.		(Bcf)	(Mcf/day)			(Bcf)	% of gas Prod.		(MMbbl)	(bbl/Day)					
0–1	48	10.5	0.0	0.1	0.4	0.0	0.2	652	11.4	0.6	0.5	2.8	0.0	0.0	700	0.0	0.6	4	
1–2	22	4.8	0.0	0.3	1.4	0.0	0.3	884	15.4	2.9	2.4	9.4	0.0	0.0	906	0.0	2.9	1	
2–4	46	10.1	0.0	1.2	3.0	0.0	0.3	1,726	30.1	11.1	9.0	17.8	0.0	0.0	1,772	0.0	11.1	1	
4–6	53	11.6	0.1	2.3	4.7	0.0	0.8	1,185	20.7	12.7	10.2	29.5	0.0	0.0	1,238	0.1	12.7	2	
6–8	33	7.2	0.1	1.8	6.8	0.0	1.0	600	10.5	9.0	7.3	41.4	0.0	0.0	633	0.1	9.0	1	
8–10	33	7.2	0.1	2.8	8.9	0.0	0.4	276	4.8	5.3	4.3	53.1	0.0	0.0	309	0.1	5.3	1	
Subtotal <=10	235	51.5	0.3	8.5	4.2	0.0	0.5	5,323	93.0	41.7	33.6	22.0	0.0	0.0	5,558	0.3	41.7	10	
10–12	27	5.9	0.1	2.7	10.9	0.0	1.4	156	2.7	3.7	2.9	65.0	0.0	0.0	183	0.1	3.7	0	
12–15	25	5.5	0.1	2.9	12.4	0.0	5.5	71	1.2	2.0	1.6	78.8	0.0	0.0	96	0.1	2.1	0	
Subtotal <=15	287	62.9	0.5	14.1	5.7	0.1	1.1	5,550	96.9	47.3	38.1	24.0	0.0	0.0	5,837	0.5	47.4	10	
15–20	27	5.9	0.2	4.2	16.2	0.1	6.3	49	0.9	1.8	1.4	100.7	0.0	0.2	76	0.2	1.8	1	
20–25	18	4.0	0.1	3.2	19.4	0.1	15.5	12	0.2	0.5	0.4	126.0	0.0	1.6	30	0.1	0.6	2	
25–30	20	4.4	0.2	4.4	24.2	0.1	18.3	7	0.1	0.3	0.3	162.2	0.0	0.0	27	0.2	0.5	1	
30–40	19	4.2	0.2	4.7	28.1	0.2	34.4	11	0.2	0.7	0.6	215.4	0.0	0.0	30	0.2	0.9	1	
40–50	16	3.5	0.2	5.4	36.0	0.3	51.8	7	0.1	0.4	0.4	221.9	0.0	6.2	23	0.2	0.7	0	
50–100	31	6.8	0.6	15.2	54.6	0.8	76.1	16	0.3	1.4	1.2	333.6	0.1	17.6	47	0.6	2.2	2	
Subtotal <=100	418	91.7	1.9	51.2	13.8	1.7	12.1	5,652	98.7	52.5	42.3	26.2	0.1	0.1	6,070	2.0	54.2	17	
100–200	27	5.9	1.0	27.7	105.1	1.9	196.6	27	0.5	4.8	3.9	622.4	0.3	43.1	54	1.4	6.8	1	
200–400	8	1.8	0.5	14.1	178.7	1.4	486.1	21	0.4	8.9	7.2	1,460.0	0.4	65.9	29	0.9	10.3	0	
400–800	3	0.7	0.3	6.9	335.9	1.0	1,290.7	9	0.2	11.2	9.1	3,423.1	0.2	63.8	12	0.5	12.2	0	
800–1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.3	35.5	28.6	6,906.3	0.1	21.0	15	0.1	35.5	0	
1,600–3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	11.1	8.9	15,171.0	0.0	6.2	2	0.0	11.1	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	
Total	456	100.0	3.7	100.0	24.6	6.0	39.8	5,726	100.0	124.1	100.0	61.1	1.2	0.6	6,182	4.9	130.1	18	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B22. Alaska oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Annual	Oil rate		Annual	Oil rate		Annual	Horizontal
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	well count	
0-1	6	0.4	0.0	0.0	0.4	0.0	1.0	21	2.1	0.0	0.0	1.5	0.0	0.0	27	0.0	0.0	0	
1-2	7	0.5	0.0	0.0	1.4	0.0	1.7	6	0.6	0.0	0.0	9.6	0.0	0.0	13	0.0	0.0	0	
2-4	11	0.8	0.0	0.0	2.1	0.0	4.0	6	0.6	0.0	0.0	15.1	0.0	0.4	17	0.0	0.0	0	
4-6	9	0.7	0.0	0.0	4.3	0.0	4.6	21	2.1	0.2	0.0	24.7	0.0	1.2	30	0.0	0.2	0	
6-8	5	0.4	0.0	0.0	5.6	0.0	9.2	5	0.5	0.1	0.0	32.6	0.0	1.1	10	0.0	0.1	0	
8-10	8	0.6	0.0	0.0	6.0	0.0	17.6	1	0.1	0.0	0.0	54.3	0.0	0.0	9	0.0	0.1	0	
Subtotal <=10	46	3.4	0.0	0.0	3.6	0.1	7.1	60	5.9	0.3	0.0	16.9	0.0	0.6	106	0.1	0.4	0	
10-12	8	0.6	0.0	0.0	8.2	0.0	16.0	2	0.2	0.0	0.0	64.9	0.0	0.0	10	0.0	0.1	0	
12-15	7	0.5	0.0	0.0	10.7	0.0	16.9	5	0.5	0.1	0.0	74.5	0.0	1.4	12	0.0	0.1	0	
Subtotal <=15	61	4.5	0.1	0.1	5.3	0.2	9.7	67	6.6	0.4	0.0	21.4	0.0	0.6	128	0.1	0.6	0	
15-20	24	1.8	0.1	0.1	14.4	0.2	20.5	8	0.8	0.2	0.0	83.3	0.0	3.6	32	0.1	0.3	1	
20-25	23	1.7	0.1	0.1	18.1	0.2	23.8	9	0.9	0.3	0.0	110.9	0.0	3.8	32	0.1	0.5	0	
25-30	13	1.0	0.1	0.1	23.0	0.1	29.5	13	1.3	0.6	0.0	147.9	0.0	3.1	26	0.1	0.8	0	
30-40	47	3.5	0.5	0.4	29.6	0.6	35.7	18	1.8	1.1	0.0	202.9	0.0	1.9	65	0.5	1.6	0	
40-50	44	3.2	0.6	0.5	37.4	0.6	39.2	13	1.3	0.9	0.0	224.0	0.0	8.1	57	0.6	1.5	0	
50-100	206	15.2	4.4	4.2	62.1	5.4	76.1	62	6.1	7.9	0.3	405.9	0.1	5.8	268	4.5	13.3	2	
Subtotal <=100	418	30.8	5.9	5.5	42.4	7.2	51.9	190	18.7	11.5	0.4	201.9	0.2	3.5	608	6.1	18.6	3	
100-200	388	28.6	16.2	15.3	120.3	20.8	154.0	93	9.2	22.5	0.7	738.8	0.7	24.6	481	17.0	43.3	3	
200-400	308	22.7	24.4	23.0	226.4	35.2	326.7	94	9.3	41.3	1.3	1,328.1	2.1	68.5	402	26.6	76.6	6	
400-800	161	11.9	24.6	23.1	444.3	34.7	626.8	110	10.8	94.5	3.0	2,669.2	4.8	134.4	271	29.4	129.3	4	
800-1,600	59	4.3	16.2	15.3	861.5	22.5	1,196.7	154	15.2	321.4	10.3	6,240.1	9.1	177.4	213	25.4	343.9	1	
1,600-3,200	18	1.3	9.0	8.4	1,798.1	10.1	2,019.8	203	20.0	873.0	28.1	12,460.9	18.8	267.6	221	27.7	883.1	0	
3,200-6,400	5	0.4	4.1	3.9	3,168.8	2.1	1,576.2	141	13.9	1,223.5	39.3	24,578.5	18.7	376.2	146	22.9	1,225.6	0	
6,400-12,800	2	0.2	5.9	5.5	8,066.3	6.2	8,501.5	30	3.0	484.2	15.6	44,713.5	6.9	640.1	32	12.8	490.4	0	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.1	39.6	1.3	108,443.3	2.2	5,957.6	1	2.2	39.6	0	
Total	1,359	100.0	106.4	100.0	230.0	138.8	300.1	1,016	100.0	3,111.5	100.0	9,252.6	63.6	189.0	2,375	169.9	3,250.4	17	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B23. Arkansas oil and gas well summary statistics, 2019

	Oil wells							Gas wells							Total wells				
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	316	18.1	0.1	1.2	0.5	0.0	0.0	375	3.9	0.4	0.1	3.3	0.0	0.0	691	0.1	0.4	29	
1–2	271	15.5	0.1	2.9	1.5	0.0	0.1	489	5.1	1.5	0.3	8.9	0.0	0.0	760	0.1	1.5	14	
2–4	382	21.9	0.4	8.6	2.9	0.0	0.2	969	10.2	5.9	1.1	17.9	0.0	0.0	1,351	0.4	6.0	30	
4–6	240	13.7	0.4	9.2	4.8	0.1	0.7	715	7.5	7.3	1.4	29.7	0.0	0.0	955	0.4	7.3	42	
6–8	143	8.2	0.3	7.8	6.7	0.1	1.1	490	5.2	7.0	1.3	41.5	0.0	0.1	633	0.4	7.1	60	
8–10	94	5.4	0.3	6.6	8.6	0.1	2.3	425	4.5	8.0	1.5	53.5	0.0	0.1	519	0.3	8.1	112	
Subtotal <=10	1,446	82.7	1.6	36.2	3.3	0.2	0.5	3,463	36.4	30.1	5.8	25.6	0.0	0.0	4,909	1.6	30.3	287	
10–12	68	3.9	0.2	5.5	10.1	0.1	5.0	330	3.5	7.6	1.5	65.5	0.0	0.1	398	0.3	7.7	112	
12–15	56	3.2	0.2	5.5	12.0	0.2	8.5	446	4.7	12.7	2.4	79.8	0.0	0.1	502	0.3	12.9	235	
Subtotal <=15	1,570	89.8	2.1	47.2	3.9	0.5	1.0	4,239	44.6	50.4	9.6	34.8	0.1	0.0	5,809	2.1	50.9	634	
15–20	70	4.0	0.4	9.2	15.9	0.2	6.1	652	6.9	24.3	4.6	104.1	0.0	0.1	722	0.4	24.5	448	
20–25	32	1.8	0.2	5.4	20.9	0.1	8.3	624	6.6	30.2	5.8	134.5	0.0	0.1	656	0.3	30.3	534	
25–30	19	1.1	0.2	4.1	26.1	0.1	9.1	627	6.6	37.3	7.1	164.2	0.0	0.1	646	0.2	37.3	585	
30–40	19	1.1	0.2	5.4	34.4	0.0	0.1	1,089	11.5	82.6	15.8	208.7	0.0	0.0	1,108	0.2	82.6	1,043	
40–50	8	0.5	0.1	2.8	43.8	0.0	0.0	805	8.5	78.1	14.9	268.4	0.0	0.0	813	0.1	78.1	782	
50–100	22	1.3	0.5	10.4	61.4	0.1	7.3	1,367	14.4	191.6	36.6	386.1	0.0	0.0	1,389	0.5	191.6	1,345	
Subtotal <=100	1,740	99.5	3.7	84.6	6.3	0.9	1.5	9,403	98.9	494.5	94.4	149.0	0.1	0.0	11,143	3.9	495.4	5,371	
100–200	3	0.2	0.1	2.7	109.4	0.1	89.8	84	0.9	21.0	4.0	750.0	0.0	0.3	87	0.1	21.1	74	
200–400	3	0.2	0.2	5.1	205.8	0.2	180.9	18	0.2	7.5	1.4	1,520.4	0.0	0.3	21	0.2	7.6	13	
400–800	1	0.1	0.2	4.0	485.2	0.2	418.8	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.2	0.2	0	
800–1,600	1	0.1	0.2	3.5	425.3	0.9	2,500.0	1	0.0	1.1	0.2	3,099.0	0.1	393.6	2	0.3	2.0	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	
Total	1,748	100.0	4.4	100.0	7.4	2.2	3.8	9,506	100.0	524.0	100.0	156.3	0.3	0.1	11,254	4.7	526.3	5,458	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B24. Arizona oil and gas well summary statistics, 2017

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual		Oil rate per Well (bbl/day)	Annual		# of gas wells	% of gas wells	Annual		Gas rate per well (Mcf/Day)	Annual		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			oil prod. (MMbbl)	% of oil prod.		gas prod. (Bcf)	Gas rate per well (Mcf/day)			gas prod. (Bcf)	% of gas Prod.		oil prod. (MMbbl)	Oil rate per well (bbl/Day)					
0–1	1	14.3	0.0	6.5	1.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	1	0.0	0.0	0
1–2	3	42.9	0.0	33.3	1.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	3	0.0	0.0	0
2–4	3	42.9	0.0	60.1	3.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	3	0.0	0.0	0
4–6	0	0.0	0.0	0.0	0.0	0.0	0.0	2	66.7	0.0	46.6	31.3	0.0	0.0	0	2	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	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	0
Subtotal <=10	7	100.0	0.0	100.0	2.1	0.0	0.0	2	66.7	0.0	46.6	31.3	0.0	0.0	0	9	0.0	0.0	0
10–12	0	0.0	0.0	0.0	0.0	0.0	0.0	1	33.3	0.0	53.4	71.6	0.0	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	0
Subtotal <=15	7	100.0	0.0	100.0	2.1	0.0	0.0	3	100.0	0.0	100.0	44.7	0.0	0.0	0	10	0.0	0.0	0
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	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	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	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	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	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	0
Subtotal <=100	7	100.0	0.0	100.0	2.1	0.0	0.0	3	100.0	0.0	100.0	44.7	0.0	0.0	0	10	0.0	0.0	0
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	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	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	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	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	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	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	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	0
Total	7	100.0	0.0	100.0	2.1	0.0	0.0	3	100.0	0.0	100.0	44.7	0.0	0.0	0	10	0.0	0.0	0

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B25. California oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual		Oil rate per Well (bbl/day)	Annual		# of gas wells	% of gas wells	Annual		Gas rate per well (Mcf/day)	Annual		Oil rate per well (bbl/Day)	# of total wells	Annual		Horizontal well count
			oil prod. (MMbbl)	% of oil prod.		gas prod. (Bcf)	Gas rate per well (Mcf/day)			gas prod. (Bcf)	% of gas Prod.		oil prod. (MMbbl)	% of gas Prod.			oil prod. (MMbbl)	gas prod. (Bcf)	
0-1	7,120	15.2	1.1	0.7	0.5	0.2	0.1	495	13.3	0.3	0.3	2.2	0.0	0.0	0.0	7,615	1.1	0.5	139
1-2	5,938	12.7	2.9	1.9	1.4	0.5	0.2	298	8.0	0.8	0.6	7.9	0.0	0.2	0.2	6,236	2.9	1.3	128
2-4	7,855	16.8	7.6	4.9	2.8	2.1	0.8	442	11.9	2.2	1.9	14.8	0.1	0.5	0.5	8,297	7.6	4.3	208
4-6	5,189	11.1	8.5	5.5	4.7	2.7	1.5	292	7.8	2.6	2.2	25.7	0.1	0.6	0.6	5,481	8.5	5.3	191
6-8	3,808	8.1	8.7	5.7	6.6	3.0	2.3	250	6.7	3.1	2.7	35.7	0.1	1.0	1.0	4,058	8.8	6.2	144
8-10	2,868	6.1	8.4	5.5	8.5	2.7	2.8	230	6.2	3.7	3.1	45.4	0.1	1.4	1.4	3,098	8.5	6.4	111
Subtotal <=10	32,778	69.9	37.1	24.2	3.3	11.1	1.0	2,007	53.9	12.8	10.8	19.2	0.4	0.5		34,785	37.5	23.9	921
10-12	2,369	5.1	8.5	5.5	10.4	2.7	3.3	185	5.0	3.5	3.0	54.1	0.1	1.9	1.9	2,554	8.6	6.2	135
12-15	2,525	5.4	11.1	7.2	12.7	3.8	4.3	231	6.2	5.5	4.7	68.1	0.2	2.2	2.2	2,756	11.3	9.3	127
Subtotal <=15	37,672	80.3	56.7	37.0	4.4	17.6	1.4	2,423	65.1	21.8	18.4	26.9	0.7	0.8		40,095	57.3	39.5	1,183
15-20	2,828	6.0	15.9	10.4	16.3	5.7	5.8	249	6.7	7.6	6.4	86.1	0.2	2.8	2.8	3,077	16.2	13.2	144
20-25	1,817	3.9	13.1	8.5	21.2	4.0	6.5	193	5.2	7.4	6.3	112.6	0.2	3.6	3.6	2,010	13.3	11.4	107
25-30	1,209	2.6	10.6	6.9	25.8	3.6	8.9	167	4.5	8.1	6.8	139.1	0.2	4.1	4.1	1,376	10.8	11.7	87
30-40	1,389	3.0	15.1	9.8	32.5	5.2	11.3	203	5.5	12.8	10.8	180.2	0.3	4.8	4.8	1,592	15.4	18.0	109
40-50	714	1.5	9.8	6.4	42.0	3.4	14.5	140	3.8	11.1	9.4	230.6	0.3	6.5	6.5	854	10.1	14.5	63
50-100	969	2.1	20.0	13.0	63.7	5.2	16.6	256	6.9	30.7	25.9	356.5	0.9	10.1	10.1	1,225	20.8	35.9	112
Subtotal <=100	46,598	99.4	141.0	92.0	8.9	44.7	2.8	3,631	97.5	99.4	83.9	80.9	2.9	2.4		50,229	143.9	144.2	1,805
100-200	246	0.5	8.9	5.8	127.2	2.0	28.6	75	2.0	15.2	12.8	683.0	0.3	13.4	13.4	321	9.2	17.2	37
200-400	38	0.1	2.5	1.6	244.3	0.3	31.1	15	0.4	3.5	2.9	1,408.5	0.0	12.7	12.7	53	2.5	3.8	10
400-800	13	0.0	0.9	0.6	470.6	0.3	149.4	2	0.1	0.5	0.4	3,897.1	0.0	18.9	18.9	15	0.9	0.7	6
800-1,600	1	0.0	0.0	0.0	1,011.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0
Total	46,896	100.0	153.3	100.0	9.6	47.3	3.0	3,723	100.0	118.5	100.0	94.5	3.2	2.6		50,619	156.5	165.8	1,859

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B26. Colorado oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	1,998	24.0	0.1	0.1	0.3	0.2	0.4	7,426	18.2	5.1	0.3	2.4	0.0	0.0	9,424	0.2	5.3	184	
1–2	575	6.9	0.2	0.2	1.2	0.3	1.7	4,037	9.9	11.0	0.7	8.3	0.1	0.1	4,612	0.3	11.4	65	
2–4	670	8.0	0.5	0.4	2.4	0.7	3.2	5,468	13.4	29.4	1.9	16.2	0.4	0.2	6,138	0.9	30.1	105	
4–6	369	4.4	0.5	0.4	4.0	0.6	5.3	3,259	8.0	30.5	2.0	27.8	0.4	0.3	3,628	0.8	31.1	118	
6–8	276	3.3	0.5	0.4	5.8	0.6	6.9	2,657	6.5	36.7	2.4	40.0	0.3	0.3	2,933	0.8	37.3	133	
8–10	226	2.7	0.5	0.4	7.2	0.8	10.2	2,397	5.9	43.7	2.8	52.0	0.3	0.3	2,623	0.8	44.4	142	
Subtotal <=10	4,114	49.3	2.4	1.8	2.1	3.2	2.8	25,244	61.7	156.4	10.0	19.2	1.5	0.2	29,358	3.9	159.6	747	
10–12	202	2.4	0.6	0.4	8.5	1.0	14.8	2,104	5.1	46.9	3.0	63.4	0.3	0.4	2,306	0.9	47.9	181	
12–15	269	3.2	1.0	0.7	10.5	1.7	18.3	2,264	5.5	61.8	4.0	77.5	0.4	0.5	2,533	1.4	63.5	263	
Subtotal <=15	4,585	55.0	4.0	2.9	3.0	5.9	4.5	29,612	72.4	265.0	17.0	27.4	2.1	0.2	34,197	6.1	270.9	1,191	
15–20	385	4.6	1.7	1.3	12.9	3.6	27.1	2,219	5.4	77.5	5.0	99.1	0.6	0.7	2,604	2.3	81.2	412	
20–25	262	3.1	1.5	1.1	16.7	3.2	34.8	1,300	3.2	57.1	3.7	125.9	0.6	1.4	1,562	2.1	60.3	359	
25–30	240	2.9	1.7	1.3	20.4	3.5	42.0	967	2.4	51.2	3.3	150.8	0.8	2.3	1,207	2.5	54.7	365	
30–40	312	3.7	2.7	2.0	24.9	6.2	57.8	1,350	3.3	88.0	5.6	185.6	1.8	3.9	1,662	4.5	94.2	660	
40–50	202	2.4	2.2	1.6	31.8	5.4	76.9	973	2.4	81.7	5.2	236.6	1.9	5.4	1,175	4.1	87.2	520	
50–100	437	5.2	6.9	5.1	47.3	20.1	138.3	2,472	6.0	317.2	20.3	362.5	8.2	9.3	2,909	15.0	337.3	1,458	
Subtotal <=100	6,423	77.0	20.7	15.2	10.6	48.0	24.4	38,893	95.1	937.8	60.2	72.5	16.0	1.2	45,316	36.7	985.8	4,965	
100–200	448	5.4	13.7	10.1	96.1	42.6	297.9	1,196	2.9	267.6	17.2	645.0	13.6	32.7	1,644	27.3	310.2	1,259	
200–400	797	9.6	44.0	32.3	194.0	136.3	600.3	640	1.6	246.7	15.8	1,146.7	17.2	80.1	1,437	61.3	383.0	1,294	
400–800	601	7.2	50.1	36.8	345.7	158.4	1,093.4	156	0.4	93.8	6.0	2,078.8	7.8	173.4	757	57.9	252.2	723	
800–1,600	72	0.9	7.6	5.6	576.1	27.5	2,088.7	11	0.0	13.3	0.9	4,411.1	0.6	188.4	83	8.1	40.8	83	
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	
Total	8,341	100.0	136.2	100.0	54.7	412.7	165.7	40,896	100.0	1,559.3	100.0	114.5	55.2	4.1	49,237	191.3	1,972.0	8,324	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B27. Federal GOM oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	58	2.1	0.0	0.0	0.2	0.0	0.2	43	6.1	0.0	0.0	1.5	0.0	0.0	101	0.0	0.0	0	
1–2	30	1.1	0.0	0.0	1.2	0.0	1.4	17	2.4	0.0	0.0	8.5	0.0	0.0	47	0.0	0.0	0	
2–4	43	1.6	0.0	0.0	2.5	0.0	2.2	30	4.2	0.1	0.0	15.6	0.0	0.2	73	0.0	0.1	0	
4–6	36	1.3	0.0	0.0	4.1	0.1	5.1	21	3.0	0.1	0.0	25.3	0.0	0.8	57	0.0	0.2	0	
6–8	26	1.0	0.0	0.0	5.2	0.1	10.8	28	3.9	0.3	0.1	36.1	0.0	0.9	54	0.1	0.4	0	
8–10	34	1.2	0.1	0.0	7.4	0.1	10.5	14	2.0	0.2	0.1	43.5	0.0	1.6	48	0.1	0.3	0	
Subtotal <=10	227	8.3	0.2	0.0	3.3	0.3	4.7	153	21.6	0.7	0.2	20.1	0.0	0.5	380	0.2	1.0	0	
10–12	54	2.0	0.2	0.0	8.8	0.2	13.2	14	2.0	0.2	0.1	56.8	0.0	1.6	68	0.2	0.5	0	
12–15	57	2.1	0.2	0.0	11.1	0.3	13.7	23	3.2	0.4	0.1	63.1	0.0	2.7	80	0.2	0.7	0	
Subtotal <=15	338	12.4	0.6	0.1	5.8	0.8	7.9	190	26.8	1.4	0.4	29.5	0.0	0.9	528	0.6	2.1	0	
15–20	127	4.6	0.6	0.1	14.2	0.8	19.8	26	3.7	0.5	0.2	84.9	0.0	3.6	153	0.6	1.4	0	
20–25	117	4.3	0.7	0.1	18.2	1.1	27.7	26	3.7	0.8	0.2	98.1	0.1	6.1	143	0.8	1.9	0	
25–30	107	3.9	0.8	0.1	22.3	1.1	31.7	17	2.4	0.7	0.2	140.2	0.0	4.0	124	0.8	1.9	1	
30–40	209	7.6	2.0	0.3	28.6	2.6	36.2	28	3.9	1.5	0.4	175.6	0.1	6.0	237	2.1	4.0	1	
40–50	165	6.0	2.2	0.3	37.4	2.5	44.1	26	3.7	1.8	0.5	228.2	0.1	7.0	191	2.2	4.3	1	
50–100	530	19.4	10.8	1.6	60.1	12.0	66.6	85	12.0	8.6	2.5	351.6	0.3	10.9	615	11.1	20.6	1	
Subtotal <=100	1,593	58.2	17.7	2.6	33.7	21.0	39.9	398	56.1	15.3	4.5	142.9	0.5	4.8	1,991	18.2	36.3	4	
100–200	386	14.1	15.6	2.3	118.5	15.8	120.4	93	13.1	20.8	6.1	740.9	0.5	17.2	479	16.0	36.6	1	
200–400	182	6.7	13.6	2.0	229.8	14.9	251.4	83	11.7	35.8	10.6	1,506.3	0.8	35.3	265	14.5	50.7	0	
400–800	147	5.4	22.6	3.3	480.8	27.3	580.8	63	8.9	55.5	16.4	3,092.5	1.2	65.5	210	23.8	82.8	0	
800–1,600	91	3.3	26.3	3.8	894.0	31.1	1,056.1	45	6.3	78.2	23.1	5,922.1	2.5	186.2	136	28.8	109.3	0	
1,600–3,200	89	3.3	54.2	7.8	1,922.6	59.9	2,123.7	17	2.4	57.9	17.1	10,938.6	2.2	421.4	106	56.4	117.8	0	
3,200–6,400	105	4.3	148.4	21.5	3,868.5	170.2	4,438.1	9	1.3	60.4	17.8	20,054.4	2.8	935.2	126	151.2	230.7	0	
6,400–12,800	105	3.8	280.7	40.6	7,878.0	263.8	7,402.2	1	0.1	5.8	1.7	38,265.1	0.5	3,088.0	106	281.2	269.5	0	
> 12,800	25	0.9	112.6	16.3	14,074.2	110.2	13,772.6	1	0.1	9.1	2.7	49,274.5	1.0	5,402.9	26	113.6	119.3	0	
Total	2,735	100.0	691.8	100.0	766.7	714.2	791.6	710	100.0	338.8	100.0	1,706.1	12.0	60.3	3,445	703.8	1,053.0	5	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B28. Florida oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	1	3.6	0.0	0.0	0.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
1–2	1	3.6	0.0	0.1	1.3	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	3.6	0.0	0.0	3.6	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	0	0.0	0.0	0.0	0.0	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	0.0	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	
Subtotal <=10	3	10.7	0.0	0.1	1.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
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	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
Subtotal <=15	3	10.7	0.0	0.1	1.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
15–20	0	0.0	0.0	0.0	0.0	0.0	0.0	2	5.6	0.1	0.3	88.9	0.0	2.4	2	0.0	0.1	0	
20–25	1	3.6	0.0	0.6	13.1	0.0	67.7	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
25–30	1	3.6	0.0	0.7	14.3	0.0	71.6	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
30–40	2	7.1	0.0	2.8	27.6	0.0	54.6	1	2.8	0.1	0.4	180.4	0.0	5.2	3	0.0	0.1	0	
40–50	5	17.9	0.1	7.8	33.1	0.1	53.8	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.1	0.1	0	
50–100	10	35.7	0.2	31.2	62.4	0.2	48.7	3	8.3	0.2	1.1	263.4	0.0	13.4	13	0.2	0.4	0	
Subtotal <=100	22	78.6	0.3	43.1	41.9	0.4	47.6	6	16.7	0.3	1.8	180.2	0.0	7.5	28	0.3	0.7	0	
100–200	2	7.1	0.1	13.7	136.0	0.0	20.8	7	19.4	1.7	9.5	649.6	0.1	42.5	9	0.2	1.7	0	
200–400	2	7.1	0.1	20.4	202.9	0.3	362.8	17	47.2	8.0	45.8	1,290.0	0.5	81.9	19	0.7	8.3	0	
400–800	2	7.1	0.2	22.8	339.8	0.4	844.9	4	11.1	3.3	18.9	2,261.1	0.2	148.3	6	0.4	3.7	0	
800–1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	2	5.6	4.2	24.1	5,765.8	0.1	184.0	2	0.1	4.2	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	
Total	28	100.0	0.7	100.0	77.2	1.0	111.3	36	100.0	17.5	100.0	1,381.7	1.0	77.5	64	1.7	18.5	0	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B29. Federal Pacific oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	1	0.4	0.0	0.0	0.0	0.0	0.0	1	9.1	0.0	0.2	3.6	0.0	0.0	2	0.0	0.0	0	
1–2	1	0.4	0.0	0.0	1.1	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	2	0.8	0.0	0.0	2.9	0.0	3.8	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0	
4–6	9	3.5	0.0	0.3	4.0	0.0	4.5	0	0.0	0.0	0.0	0.0	0.0	0.0	9	0.0	0.0	0	
6–8	9	3.5	0.0	0.4	5.8	0.0	8.6	1	9.1	0.0	1.8	30.1	0.0	1.7	10	0.0	0.0	0	
8–10	8	3.1	0.0	0.5	7.6	0.0	8.0	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0	
Subtotal <=10	30	11.7	0.1	1.2	5.5	0.1	6.7	2	18.2	0.0	2.0	16.9	0.0	1.0	32	0.1	0.1	0	
10–12	5	2.0	0.0	0.4	9.9	0.0	5.4	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	0	
12–15	13	5.1	0.1	1.1	11.1	0.1	11.5	0	0.0	0.0	0.0	0.0	0.0	0.0	13	0.1	0.1	0	
Subtotal <=15	48	18.7	0.1	2.7	7.7	0.1	7.9	2	18.2	0.0	2.0	16.9	0.0	1.0	50	0.1	0.1	0	
15–20	30	11.7	0.2	3.5	15.6	0.1	11.8	2	18.2	0.0	6.5	64.7	0.0	5.8	32	0.2	0.2	0	
20–25	23	9.0	0.2	3.6	20.4	0.1	9.9	0	0.0	0.0	0.0	0.0	0.0	0.0	23	0.2	0.1	0	
25–30	18	7.0	0.1	3.4	24.1	0.1	18.4	1	9.1	0.0	6.1	121.5	0.0	8.7	19	0.2	0.2	0	
30–40	34	13.2	0.4	8.5	30.9	0.3	21.7	2	18.2	0.1	11.8	118.1	0.0	11.9	36	0.4	0.3	0	
40–50	23	9.0	0.3	7.4	39.0	0.3	39.5	3	27.3	0.2	30.7	170.4	0.0	18.3	26	0.3	0.5	0	
50–100	49	19.1	1.1	24.1	61.5	0.6	35.8	0	0.0	0.0	0.0	0.0	0.0	0.0	49	1.1	0.6	0	
Subtotal <=100	225	87.6	2.3	53.1	30.4	1.6	21.3	10	90.9	0.3	57.0	103.7	0.0	10.2	235	2.4	2.0	0	
100–200	22	8.6	1.0	22.9	133.1	0.4	53.5	1	9.1	0.3	43.0	716.4	0.0	49.1	23	1.0	0.7	0	
200–400	8	3.1	0.7	16.7	297.5	0.1	58.5	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.7	0.1	0	
400–800	2	0.8	0.3	7.3	442.1	0.1	114.3	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.3	0.1	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	
Total	257	100.0	4.4	100.0	50.2	2.3	25.9	11	100.0	0.6	100.0	164.0	0.1	14.0	268	4.4	2.9	0	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B30. Kansas oil and gas well summary statistics, 2019

	Oil wells							Gas wells							Total wells				
			Annual oil			Annual gas				Annual gas			Annual oil				Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	28,652	57.2	2.9	9.2	0.3	0.0	0.0	3,734	18.2	3.3	1.8	2.7	0.0	0.0	32,386	3.0	3.3	1	
1–2	9,048	18.1	4.5	13.8	1.5	0.1	0.0	3,144	15.3	9.5	5.3	8.7	0.0	0.0	12,192	4.5	9.7	0	
2–4	7,781	15.5	7.5	23.3	2.8	0.3	0.1	4,913	23.9	30.8	17.1	17.6	0.1	0.1	12,694	7.6	31.1	0	
4–6	2,072	4.1	3.4	10.7	4.8	0.3	0.4	4,327	21.0	45.3	25.1	29.2	0.1	0.1	6,399	3.6	45.6	0	
6–8	836	1.7	2.0	6.2	6.8	0.2	0.8	2,491	12.1	36.1	20.1	40.6	0.1	0.1	3,327	2.1	36.4	0	
8–10	398	0.8	1.2	3.8	8.8	0.1	1.0	938	4.6	17.0	9.5	51.7	0.1	0.2	1,336	1.3	17.2	0	
Subtotal <=10	48,787	97.4	21.6	67.0	1.3	1.2	0.1	19,547	95.1	142.0	78.9	20.8	0.4	0.1	68,334	22.0	143.2	1	
10–12	297	0.6	1.1	3.5	10.6	0.1	1.1	352	1.7	7.7	4.3	62.9	0.0	0.3	649	1.2	7.8	0	
12–15	281	0.6	1.3	4.0	13.1	0.2	1.9	214	1.0	5.5	3.0	75.8	0.0	0.6	495	1.3	5.6	0	
Subtotal <=15	49,365	98.5	24.0	74.5	1.5	1.5	0.1	20,113	97.8	155.2	86.2	22.1	0.5	0.1	69,478	24.5	156.7	1	
15–20	263	0.5	1.5	4.7	16.6	0.4	4.1	145	0.7	4.3	2.4	91.7	0.1	1.7	408	1.6	4.7	0	
20–25	119	0.2	0.9	2.8	21.6	0.1	3.2	81	0.4	2.8	1.5	115.5	0.1	2.6	200	1.0	2.9	1	
25–30	126	0.3	1.1	3.6	26.6	0.2	4.9	46	0.2	2.0	1.1	147.9	0.0	2.9	172	1.2	2.2	1	
30–40	80	0.2	0.9	2.8	33.8	0.1	3.8	74	0.4	3.9	2.2	182.0	0.1	4.1	154	1.0	4.0	0	
40–50	49	0.1	0.7	2.1	43.6	0.2	10.4	34	0.2	2.6	1.4	243.1	0.0	4.0	83	0.7	2.8	0	
50–100	66	0.1	1.4	4.3	65.5	0.4	18.3	51	0.3	5.3	2.9	364.0	0.1	6.3	117	1.5	5.6	0	
Subtotal <=100	50,068	100.0	30.5	94.8	1.8	2.9	0.2	20,544	99.9	176.0	97.7	24.6	0.9	0.1	70,612	31.4	178.9	3	
100–200	9	0.0	0.4	1.1	150.2	0.1	23.2	16	0.1	4.0	2.2	703.4	0.1	19.5	25	0.5	4.0	0	
200–400	16	0.0	1.3	4.0	247.7	0.1	14.1	1	0.0	0.1	0.1	1,971.5	0.0	0.0	17	1.3	0.2	0	
400–800	1	0.0	0.0	0.1	413.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	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	
Total	50,094	100.0	32.2	100.0	1.9	3.0	0.2	20,561	100.0	180.1	100.0	25.1	1.0	0.1	70,655	33.2	183.1	3	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B31. Kentucky oil and gas well summary statistics, 2018

	Oil wells							Gas wells							Total wells				
			Annual		Annual					Annual		Gas rate	Annual	Oil rate		Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	3,985	77.3	0.4	21.2	0.3	0.0	0.0	5,062	45.9	5.1	11.8	2.8	0.0	0.0	9,047	0.4	5.1	99	
1–2	541	10.5	0.2	12.8	1.3	0.1	0.5	2,644	24.0	8.0	18.8	8.5	0.0	0.0	3,185	0.2	8.1	249	
2–4	347	6.7	0.3	15.4	2.3	0.2	2.0	2,102	19.1	12.5	29.2	16.7	0.0	0.0	2,449	0.3	12.7	350	
4–6	95	1.8	0.1	7.5	4.0	0.2	5.2	639	5.8	6.5	15.2	28.6	0.0	0.1	734	0.2	6.7	191	
6–8	53	1.0	0.1	5.8	5.8	0.1	6.5	282	2.6	4.0	9.3	40.4	0.0	0.2	335	0.1	4.1	122	
8–10	34	0.7	0.1	4.8	7.7	0.1	7.7	131	1.2	2.4	5.6	52.3	0.0	0.1	165	0.1	2.5	78	
Subtotal <=10	5,055	98.0	1.2	67.6	0.7	0.7	0.4	10,860	98.6	38.4	89.9	10.0	0.1	0.0	15,915	1.3	39.2	1,089	
10–12	23	0.5	0.1	4.5	9.6	0.1	9.3	56	0.5	1.3	3.0	64.9	0.0	0.1	79	0.1	1.4	36	
12–15	25	0.5	0.1	5.6	12.8	0.0	4.9	56	0.5	1.5	3.5	80.2	0.0	0.2	81	0.1	1.5	30	
Subtotal <=15	5,103	99.0	1.4	77.6	0.8	0.8	0.5	10,972	99.6	41.2	96.4	10.6	0.1	0.0	16,075	1.5	42.1	1,155	
15–20	17	0.3	0.1	4.8	14.6	0.1	13.1	26	0.2	0.7	1.6	97.5	0.0	0.6	43	0.1	0.8	26	
20–25	7	0.1	0.0	1.3	18.2	0.0	22.2	7	0.1	0.2	0.4	119.4	0.0	2.6	14	0.0	0.2	10	
25–30	6	0.1	0.1	3.1	27.1	0.0	8.7	2	0.0	0.1	0.3	156.4	0.0	1.2	8	0.1	0.1	5	
30–40	6	0.1	0.1	3.2	30.3	0.0	23.7	4	0.0	0.2	0.5	227.9	0.0	0.0	10	0.1	0.3	6	
40–50	7	0.1	0.1	2.9	36.8	0.1	46.1	1	0.0	0.1	0.2	265.2	0.0	0.0	8	0.1	0.2	2	
50–100	10	0.2	0.1	7.2	63.2	0.1	29.3	6	0.1	0.3	0.7	448.3	0.0	0.0	16	0.1	0.3	6	
Subtotal <=100	5,156	100.0	1.8	100.0	1.0	1.1	0.7	11,018	100.0	42.8	100.0	11.0	0.1	0.0	16,174	1.9	43.9	1,210	
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	
Total	5,156	100.0	1.8	100.0	1.0	1.1	0.7	11,018	100.0	42.8	100.0	11.0	0.1	0.0	16,174	1.9	43.9	1,210	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B32. Louisiana oil and gas well summary statistics, 2019

	Oil wells							Gas wells							Total wells				
			Annual			Annual				Annual			Annual				Annual	Annual	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	12,291	67.4	1.2	3.0	0.3	0.0	0.0	6,865	41.1	2.9	0.1	1.3	0.0	0.0	19,156	1.2	3.0	55	
1–2	1,360	7.5	0.6	1.7	1.4	0.1	0.1	521	3.1	1.4	0.0	8.2	0.0	0.1	1,881	0.7	1.5	57	
2–4	823	4.5	0.8	2.0	2.8	0.2	0.8	760	4.6	4.2	0.1	16.7	0.0	0.2	1,583	0.8	4.4	97	
4–6	616	3.4	1.0	2.5	4.5	0.5	2.5	652	3.9	6.3	0.2	28.2	0.1	0.3	1,268	1.0	6.8	77	
6–8	435	2.4	0.9	2.4	6.2	0.7	4.4	621	3.7	8.5	0.3	39.8	0.1	0.4	1,056	1.0	9.1	117	
8–10	294	1.6	0.8	2.0	7.9	0.6	6.3	544	3.3	9.4	0.3	50.6	0.1	0.5	838	0.9	10.1	111	
Subtotal <=10	15,819	86.8	5.3	13.6	1.0	2.2	0.4	9,963	59.6	32.8	1.0	9.7	0.3	0.1	25,782	5.6	34.9	514	
10–12	323	1.8	1.1	3.0	10.0	0.7	5.9	496	3.0	10.4	0.3	62.6	0.1	0.6	819	1.2	11.1	112	
12–15	263	1.4	1.1	2.7	11.7	1.0	11.2	581	3.5	15.2	0.5	77.4	0.1	0.5	844	1.2	16.2	161	
Subtotal <=15	16,405	90.0	7.5	19.3	1.3	3.8	0.7	11,040	66.1	58.3	1.8	15.6	0.5	0.1	27,445	8.0	62.2	787	
15–20	324	1.8	1.7	4.4	15.1	1.5	13.5	764	4.6	25.1	0.8	99.3	0.2	0.8	1,088	1.9	26.6	262	
20–25	254	1.4	1.7	4.5	19.7	1.5	17.3	587	3.5	25.4	0.8	130.2	0.2	0.8	841	1.9	26.9	280	
25–30	186	1.0	1.5	3.9	23.5	1.5	23.6	459	2.8	24.2	0.8	158.6	0.1	0.9	645	1.7	25.7	250	
30–40	271	1.5	2.9	7.5	30.6	2.4	25.5	638	3.8	42.5	1.3	202.6	0.2	0.9	909	3.1	44.9	430	
40–50	190	1.0	2.5	6.5	39.4	2.0	31.6	404	2.4	34.7	1.1	261.5	0.1	1.1	594	2.7	36.8	299	
50–100	354	1.9	7.2	18.6	59.6	5.6	46.5	889	5.3	118.8	3.7	405.3	0.6	1.9	1,243	7.8	124.4	694	
Subtotal <=100	17,984	98.6	25.1	64.7	4.1	18.5	3.0	14,781	88.5	329.0	10.3	66.0	1.9	0.4	32,765	27.0	347.5	3,002	
100–200	169	0.9	7.0	18.2	122.4	5.4	94.0	606	3.6	162.6	5.1	837.5	0.8	4.0	775	7.8	168.1	511	
200–400	60	0.3	4.1	10.5	229.3	4.1	233.0	378	2.3	205.8	6.4	1,640.8	0.8	6.4	438	4.9	210.0	330	
400–800	22	0.1	2.6	6.7	405.2	4.7	736.4	292	1.8	330.6	10.4	3,444.1	0.7	7.6	314	3.3	335.3	275	
800–1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	262	1.6	597.4	18.7	6,894.0	0.6	7.0	262	0.6	597.4	250	
1,600–3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	286	1.7	1,067.5	33.4	13,182.5	1.6	19.2	286	1.6	1,067.5	282	
3,200–6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	98	0.6	456.6	14.3	22,709.0	0.3	17.0	98	0.3	456.6	96	
6,400–12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.0	44.3	1.4	42,760.2	0.4	426.0	4	0.4	44.3	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	
Total	18,235	100.0	38.8	100.0	6.2	32.7	5.3	16,707	100.0	3,194.0	100.0	571.5	7.2	1.3	34,942	45.9	3,226.7	4,748	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B33. Maryland oil and gas well summary statistics, 2015

	Oil wells							Gas wells							Total wells			
			Annual oil prod. (MMbbl)		Annual oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)		Annual Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	% of oil prod.					# of gas wells	% of gas wells	% of gas Prod.					# of total wells			
0–1	0	0.0	0.0	0.0	0.0	0.0	0.0	2	40.0	0.0	3.6	2.6	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	0.0	0
2–4	0	0.0	0.0	0.0	0.0	0.0	0.0	2	40.0	0.0	27.7	17.1	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	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	0.0	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
Subtotal <=10	0	0.0	0.0	0.0	0.0	0.0	0.0	4	80.0	0.0	31.3	10.4	0.0	0.0	4	0.0	0.0	0
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	0	0.0	0.0	0.0	0.0	0.0	0.0	1	20.0	0.0	68.7	74.0	0.0	0.0	1	0.0	0.0	0
Subtotal <=15	0	0.0	0.0	0.0	0.0	0.0	0.0	5	100.0	0.0	100.0	25.4	0.0	0.0	5	0.0	0.0	0
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
Subtotal <=100	0	0.0	0.0	0.0	0.0	0.0	0.0	5	100.0	0.0	100.0	25.4	0.0	0.0	5	0.0	0.0	0
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
Total	0	0.0	0.0	0.0	0.0	0.0	0.0	5	100.0	0.0	100.0	25.4	0.0	0.0	5	0.0	0.0	0

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B34. Michigan oil and gas well summary statistics, 2019

	Oil wells							Gas wells							Total wells				
			Annual oil		Annual gas					Annual gas		Annual oil			Annual oil		Annual gas		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	1,146	33.7	0.2	4.2	0.5	0.0	0.0	411	4.5	0.5	0.6	3.6	0.0	0.0	1,557	0.2	0.5	22	
1–2	1,090	32.0	0.5	11.1	1.4	0.1	0.2	1,455	15.8	4.8	6.0	9.2	0.0	0.0	2,545	0.5	4.9	37	
2–4	513	15.1	0.5	10.0	2.7	0.1	0.4	3,945	42.8	25.5	31.9	18.0	0.0	0.0	4,458	0.5	25.6	70	
4–6	231	6.8	0.4	7.8	4.6	0.3	3.1	2,475	26.8	25.6	32.0	28.9	0.0	0.0	2,706	0.4	25.8	46	
6–8	103	3.0	0.2	4.7	6.3	0.2	4.2	510	5.5	7.3	9.2	40.7	0.0	0.1	613	0.2	7.5	24	
8–10	59	1.7	0.2	3.4	8.1	0.1	5.2	131	1.4	2.3	2.9	52.3	0.0	0.2	190	0.2	2.4	10	
Subtotal <=10	3,142	92.3	2.0	41.2	1.8	0.6	0.6	8,927	96.8	66.0	82.6	20.7	0.1	0.0	12,069	2.0	66.7	209	
10–12	50	1.5	0.2	3.6	9.9	0.1	6.8	82	0.9	1.8	2.3	63.2	0.0	0.2	132	0.2	2.0	13	
12–15	44	1.3	0.2	3.8	11.7	0.2	10.0	62	0.7	1.7	2.2	78.3	0.0	0.3	106	0.2	1.9	13	
Subtotal <=15	3,236	95.1	2.3	48.6	2.0	0.9	0.8	9,071	98.4	69.6	87.1	21.5	0.1	0.0	12,307	2.4	70.5	235	
15–20	28	0.8	0.2	3.2	15.5	0.1	10.4	48	0.5	1.5	1.9	93.1	0.0	1.3	76	0.2	1.6	8	
20–25	26	0.8	0.2	3.8	19.8	0.1	13.0	29	0.3	1.3	1.6	128.7	0.0	1.5	55	0.2	1.4	12	
25–30	22	0.7	0.2	3.6	23.4	0.2	23.6	10	0.1	0.4	0.6	137.8	0.0	3.7	32	0.2	0.6	10	
30–40	15	0.4	0.1	2.9	30.2	0.1	24.1	19	0.2	1.2	1.5	191.1	0.0	4.3	34	0.2	1.3	10	
40–50	11	0.3	0.1	2.9	39.2	0.2	41.7	15	0.2	1.2	1.5	244.6	0.0	3.7	26	0.2	1.3	7	
50–100	45	1.3	0.9	19.5	62.4	0.6	41.2	20	0.2	2.7	3.4	374.1	0.1	9.5	65	1.0	3.3	17	
Subtotal <=100	3,383	99.4	4.0	84.4	3.4	2.2	1.8	9,212	99.9	77.9	97.4	23.7	0.2	0.1	12,595	4.3	80.1	299	
100–200	18	0.5	0.6	12.9	110.2	0.4	76.7	7	0.1	1.8	2.2	702.2	0.0	15.4	25	0.7	2.2	4	
200–400	2	0.1	0.1	2.7	177.2	0.3	382.6	1	0.0	0.3	0.3	715.3	0.0	102.1	3	0.2	0.5	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	
Total	3,403	100.0	4.8	100.0	4.0	2.9	2.4	9,220	100.0	79.9	100.0	24.3	0.3	0.1	12,623	5.1	82.8	304	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B35. Missouri oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	10	40.0	0.0	0.6	0.2	0.0	0.0	5	100.0	0.0	100.0	1.0	0.0	0.0	15	0.0	0.0	0	
1–2	2	8.0	0.0	0.9	1.7	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	3	12.0	0.0	3.6	3.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
4–6	1	4.0	0.0	1.6	4.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	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	3	12.0	0.0	10.5	9.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
Subtotal <=10	19	76.0	0.0	17.2	2.8	0.0	0.0	5	100.0	0.0	100.0	1.0	0.0	0.0	24	0.0	0.0	0	
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	1	4.0	0.0	5.0	12.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
Subtotal <=15	20	80.0	0.0	22.3	3.4	0.0	0.0	5	100.0	0.0	100.0	1.0	0.0	0.0	25	0.0	0.0	0	
15–20	2	8.0	0.0	14.9	17.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0	
20–25	1	4.0	0.0	9.2	22.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
25–30	1	4.0	0.0	12.1	29.0	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	0	0.0	0.0	0.0	0.0	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	
Subtotal <=100	24	96.0	0.0	58.4	7.0	0.0	0.0	5	100.0	0.0	100.0	1.0	0.0	0.0	29	0.0	0.0	0	
100–200	1	4.0	0.0	41.6	100.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	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	
Total	25	100.0	0.0	100.0	11.5	0.0	0.0	5	100.0	0.0	100.0	1.0	0.0	0.0	30	0.0	0.0	0	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B36. Mississippi oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells				
			Annual		Annual					Annual		Annual	Oil rate		Annual	Oil rate		Annual	Annual	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count		
0-1	175	9.6	0.0	0.1	0.3	0.0	0.0	124	8.9	0.1	0.4	2.9	0.0	0.0	299	0.0	0.1	8		
1-2	72	3.9	0.0	0.2	1.5	0.0	0.2	221	15.8	0.6	2.3	9.2	0.0	0.0	293	0.0	0.6	9		
2-4	140	7.7	0.1	0.8	2.9	0.0	0.3	505	36.2	2.9	10.2	17.1	0.0	0.0	645	0.1	2.9	15		
4-6	119	6.5	0.2	1.1	4.8	0.0	1.0	180	12.9	1.7	6.0	28.9	0.0	0.1	299	0.2	1.7	8		
6-8	116	6.4	0.3	1.6	6.7	0.1	1.5	70	5.0	0.9	3.1	39.8	0.0	0.2	186	0.3	0.9	15		
8-10	98	5.4	0.3	1.7	8.7	0.1	2.0	42	3.0	0.6	2.3	51.0	0.0	0.3	140	0.3	0.7	12		
Subtotal <=10	720	39.4	0.9	5.4	4.0	0.2	0.8	1,142	81.8	6.8	24.2	18.6	0.0	0.1	1,862	0.9	7.0	67		
10-12	91	5.0	0.3	2.0	10.6	0.1	2.0	29	2.1	0.6	2.1	63.0	0.0	0.5	120	0.3	0.6	11		
12-15	118	6.5	0.5	3.1	13.2	0.1	1.7	49	3.5	1.2	4.2	76.1	0.0	0.7	167	0.5	1.2	27		
Subtotal <=15	929	50.8	1.7	10.5	5.9	0.3	1.0	1,220	87.3	8.5	30.4	21.9	0.0	0.1	2,149	1.8	8.8	105		
15-20	160	8.8	0.9	5.7	17.1	0.1	2.0	40	2.9	1.3	4.7	101.5	0.0	0.3	200	0.9	1.4	33		
20-25	125	6.8	0.9	5.7	21.7	0.2	4.0	32	2.3	1.2	4.4	122.7	0.0	1.8	157	1.0	1.4	30		
25-30	98	5.4	0.9	5.3	26.6	0.1	3.9	18	1.3	0.9	3.2	161.9	0.0	1.0	116	0.9	1.0	19		
30-40	132	7.2	1.6	9.7	33.8	0.3	6.0	23	1.7	1.5	5.3	196.2	0.0	1.9	155	1.6	1.8	21		
40-50	103	5.6	1.5	9.3	43.8	0.2	6.2	16	1.2	1.4	4.9	249.1	0.0	2.6	119	1.6	1.6	16		
50-100	198	10.8	4.5	27.2	67.7	0.7	11.0	27	1.9	3.6	12.9	428.9	0.0	5.0	225	4.5	4.3	29		
Subtotal <=100	1,745	95.5	12.1	73.3	21.2	1.9	3.4	1,376	98.5	18.4	65.8	42.0	0.1	0.3	3,121	12.2	20.4	253		
100-200	61	3.3	2.4	14.4	127.8	1.1	61.3	10	0.7	2.2	8.0	722.1	0.0	12.1	71	2.4	3.4	9		
200-400	12	0.7	0.7	4.0	213.9	0.7	233.7	6	0.4	2.7	9.6	1,320.1	0.1	37.7	18	0.7	3.4	4		
400-800	10	0.6	1.4	8.3	383.7	2.1	577.5	4	0.3	3.2	11.3	2,541.7	0.2	158.2	14	1.6	5.2	5		
800-1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.1	1.5	5.2	4,011.5	0.1	394.3	1	0.1	1.5	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		
Total	1,828	100.0	16.5	100.0	27.7	5.9	9.8	1,397	100.0	28.0	100.0	62.8	0.6	1.3	3,225	17.1	33.9	272		

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B37. Montana oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	% of gas Prod.			prod. (MMbbl)	% of oil prod.								
0–1	1,405	31.2	0.2	0.8	0.4	0.0	0.0	1,872	35.5	1.8	7.4	2.8	0.0	0.0	3,277	0.2	1.8	40	
1–2	365	8.1	0.2	0.8	1.4	0.0	0.1	1,350	25.6	4.3	17.2	8.8	0.0	0.0	1,715	0.2	4.3	23	
2–4	322	7.2	0.3	1.3	2.7	0.1	0.7	1,219	23.1	7.5	30.0	16.9	0.0	0.0	1,541	0.3	7.5	54	
4–6	188	4.2	0.3	1.3	4.7	0.1	1.5	525	10.0	5.5	22.2	29.3	0.0	0.0	713	0.3	5.6	61	
6–8	196	4.4	0.4	1.9	6.4	0.2	3.3	180	3.4	2.6	10.6	40.4	0.0	0.0	376	0.4	2.9	88	
8–10	198	4.4	0.6	2.4	8.0	0.4	5.7	53	1.0	1.0	4.0	52.1	0.0	0.1	251	0.6	1.4	107	
Subtotal <=10	2,674	59.4	2.0	8.6	2.2	0.8	0.9	5,199	98.7	22.7	91.4	12.3	0.0	0.0	7,873	2.0	23.5	373	
10–12	190	4.2	0.7	2.9	9.7	0.5	7.9	24	0.5	0.5	2.2	62.1	0.0	0.6	214	0.7	1.1	115	
12–15	242	5.4	1.0	4.4	11.6	1.0	11.0	25	0.5	0.7	2.7	76.0	0.0	0.6	267	1.0	1.6	162	
Subtotal <=15	3,106	69.0	3.6	15.8	3.4	2.3	2.2	5,248	99.6	23.9	96.2	12.8	0.0	0.0	8,354	3.7	26.2	650	
15–20	346	7.7	1.8	8.0	14.9	1.9	15.3	13	0.3	0.4	1.7	93.0	0.0	1.0	359	1.8	2.3	254	
20–25	239	5.3	1.6	6.9	18.7	1.8	21.3	4	0.1	0.2	0.7	123.5	0.0	2.1	243	1.6	2.0	182	
25–30	176	3.9	1.4	6.2	22.7	1.7	27.3	0	0.0	0.0	0.0	0.0	0.0	0.0	176	1.4	1.7	140	
30–40	232	5.2	2.4	10.5	28.7	3.0	35.5	3	0.1	0.2	0.9	198.8	0.0	1.8	235	2.4	3.2	186	
40–50	141	3.1	1.9	8.1	37.3	2.1	42.7	1	0.0	0.1	0.2	141.7	0.0	16.8	142	1.9	2.2	114	
50–100	157	3.5	3.0	13.2	55.3	4.3	77.3	1	0.0	0.1	0.3	213.4	0.0	23.8	158	3.1	4.3	111	
Subtotal <=100	4,397	97.7	15.8	68.7	10.4	17.1	11.2	5,270	100.0	24.9	100.0	13.3	0.0	0.0	9,667	15.9	42.0	1,637	
100–200	53	1.2	1.9	8.2	113.9	2.3	138.7	0	0.0	0.0	0.0	0.0	0.0	0.0	53	1.9	2.3	37	
200–400	20	0.4	1.6	7.1	254.6	1.2	182.7	0	0.0	0.0	0.0	0.0	0.0	0.0	20	1.6	1.2	15	
400–800	26	0.6	3.2	13.9	463.1	2.9	421.5	0	0.0	0.0	0.0	0.0	0.0	0.0	26	3.2	2.9	24	
800–1,600	7	0.2	0.5	2.1	822.1	0.4	622.2	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.5	0.4	7	
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	
Total	4,503	100.0	23.0	100.0	14.8	23.9	15.3	5,270	100.0	24.9	100.0	13.3	0.0	0.0	9,773	23.1	48.7	1,720	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B38. North Dakota oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0-1	255	1.5	0.0	0.0	0.4	0.0	0.2	132	14.3	0.1	0.1	2.4	0.0	0.0	387	0.0	0.1	130	
1-2	164	1.0	0.1	0.0	1.5	0.0	0.4	51	5.5	0.1	0.1	8.2	0.0	0.0	215	0.1	0.2	43	
2-4	329	2.0	0.3	0.1	2.7	0.1	1.3	58	6.3	0.3	0.3	15.0	0.0	0.3	387	0.3	0.4	103	
4-6	322	1.9	0.5	0.1	4.5	0.3	2.8	24	2.6	0.2	0.2	19.4	0.0	1.5	346	0.5	0.5	144	
6-8	316	1.9	0.7	0.1	6.2	0.5	4.7	9	1.0	0.1	0.1	29.0	0.0	1.9	325	0.7	0.6	166	
8-10	272	1.6	0.7	0.1	7.9	0.6	6.5	10	1.1	0.1	0.1	33.5	0.0	3.6	282	0.7	0.7	186	
Subtotal <=10	1,658	10.0	2.3	0.5	4.3	1.6	2.9	284	30.8	0.9	0.8	9.6	0.0	0.4	1,942	2.3	2.4	772	
10-12	305	1.8	1.0	0.2	9.4	1.0	9.4	11	1.2	0.2	0.2	43.1	0.0	3.6	316	1.0	1.1	220	
12-15	485	2.9	1.9	0.4	11.2	2.3	13.5	10	1.1	0.2	0.2	52.7	0.0	4.9	495	1.9	2.4	407	
Subtotal <=15	2,448	14.8	5.2	1.0	6.4	4.9	6.0	305	33.1	1.2	1.1	12.2	0.1	0.7	2,753	5.2	6.0	1,399	
15-20	787	4.8	3.9	0.8	14.4	5.2	19.1	17	1.9	0.4	0.4	68.8	0.0	6.4	804	4.0	5.6	697	
20-25	904	5.5	5.8	1.2	18.2	8.2	25.8	14	1.5	0.4	0.4	79.1	0.0	8.7	918	5.9	8.6	856	
25-30	902	5.5	7.0	1.4	22.0	10.7	33.5	19	2.1	0.6	0.6	94.6	0.1	11.2	921	7.1	11.3	878	
30-40	1,727	10.4	16.8	3.3	27.2	28.6	46.5	42	4.6	1.7	1.6	119.1	0.2	14.9	1,769	17.0	30.3	1,728	
40-50	1,516	9.2	18.4	3.6	34.2	34.0	63.3	49	5.3	2.6	2.6	152.7	0.3	19.5	1,565	18.7	36.7	1,543	
50-100	3,862	23.3	72.2	14.3	52.4	142.6	103.4	156	16.9	13.2	12.8	239.2	1.7	30.5	4,018	73.9	155.7	3,975	
Subtotal <=100	12,146	73.3	129.4	25.6	30.4	234.3	55.0	602	65.4	20.0	19.4	100.6	2.4	12.3	12,748	131.8	254.3	11,076	
100-200	1,709	10.3	63.1	12.5	103.5	126.1	207.0	200	21.7	39.2	38.1	542.0	4.1	57.0	1,909	67.2	165.3	1,899	
200-400	967	5.8	69.5	13.7	213.8	143.7	442.4	101	11.0	33.9	33.0	925.3	4.1	112.5	1,068	73.6	177.6	1,067	
400-800	1,164	7.0	144.3	28.5	434.2	274.7	826.7	18	2.0	9.7	9.5	1,546.9	1.3	209.6	1,182	145.6	284.4	1,181	
800-1,600	544	3.3	94.1	18.6	771.0	165.6	1,356.2	0	0.0	0.0	0.0	0.0	0.0	0.0	544	94.1	165.6	544	
1,600-3,200	32	0.2	5.2	1.0	1,517.9	8.6	2,494.9	0	0.0	0.0	0.0	0.0	0.0	0.0	32	5.2	8.6	32	
3,200-6,400	1	0.0	0.2	0.0	2,827.0	0.2	4,062.3	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.2	0.2	1	
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	
Total	16,563	100.0	505.7	100.0	89.5	953.3	168.7	921	100.0	102.8	100.0	327.5	12.0	38.2	17,484	517.7	1,056.1	15,800	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B39. Nebraska oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	Gas rate per well (Mcf/day)			prod. (Bcf)	% of gas Prod.		prod. (MMbbl)	% of oil prod.					
0–1	669	32.0	0.1	6.2	0.5	0.0	0.0	74	49.3	0.1	14.8	2.0	0.0	0.0	743	0.1	0.1	1	
1–2	775	37.1	0.4	23.3	1.5	0.0	0.0	48	32.0	0.2	44.0	8.7	0.0	0.0	823	0.4	0.2	1	
2–4	326	15.6	0.3	18.2	2.9	0.0	0.0	28	18.7	0.1	41.2	14.0	0.0	0.0	354	0.3	0.1	0	
4–6	144	6.9	0.3	13.7	4.9	0.0	0.5	0	0.0	0.0	0.0	0.0	0.0	0.0	144	0.3	0.0	0	
6–8	80	3.8	0.2	9.8	6.9	0.0	0.1	0	0.0	0.0	0.0	0.0	0.0	0.0	80	0.2	0.0	0	
8–10	32	1.5	0.1	5.5	9.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	32	0.1	0.0	0	
Subtotal <=10	2,026	96.9	1.4	76.6	2.0	0.0	0.0	150	100.0	0.3	100.0	6.6	0.0	0.0	2,176	1.4	0.4	2	
10–12	11	0.5	0.0	2.2	11.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	11	0.0	0.0	0	
12–15	12	0.6	0.1	3.1	13.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.1	0.0	0	
Subtotal <=15	2,049	97.9	1.5	81.9	2.1	0.0	0.0	150	100.0	0.3	100.0	6.6	0.0	0.0	2,199	1.5	0.4	2	
15–20	24	1.2	0.1	7.4	16.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	24	0.1	0.0	1	
20–25	8	0.4	0.1	3.4	21.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.1	0.0	0	
25–30	2	0.1	0.0	1.1	26.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	0	
30–40	5	0.2	0.1	3.0	33.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.1	0.0	0	
40–50	3	0.1	0.0	2.3	41.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
50–100	1	0.1	0.0	1.0	65.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
Subtotal <=100	2,092	100.0	1.8	100.0	2.5	0.0	0.0	150	100.0	0.3	100.0	6.6	0.0	0.0	2,242	1.8	0.4	3	
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	
Total	2,092	100.0	1.8	100.0	2.5	0.0	0.0	150	100.0	0.3	100.0	6.6	0.0	0.0	2,242	1.8	0.4	3	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B40. New Mexico oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Annual	Oil rate			Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	3,550	19.7	0.4	0.2	0.4	0.2	0.2	4,768	11.8	3.8	0.3	2.5	0.0	0.0	8,318	0.5	4.0	135	
1-2	1,868	10.4	0.8	0.3	1.2	0.9	1.4	3,554	8.8	10.3	0.9	8.4	0.1	0.1	5,422	0.9	11.1	88	
2-4	2,423	13.4	1.9	0.7	2.3	2.8	3.4	6,178	15.3	35.2	3.1	16.4	0.5	0.2	8,601	2.4	38.0	195	
4-6	1,558	8.6	2.0	0.7	3.8	3.6	6.7	5,223	12.9	49.8	4.4	27.4	0.7	0.4	6,781	2.8	53.4	221	
6-8	1,016	5.6	1.8	0.6	5.1	3.8	10.6	4,235	10.5	56.6	5.0	38.5	0.8	0.5	5,251	2.6	60.4	237	
8-10	704	3.9	1.7	0.6	6.7	3.3	13.4	3,284	8.1	56.8	5.0	49.8	0.8	0.7	3,988	2.4	60.2	200	
Subtotal <=10	11,119	61.6	8.7	3.0	2.4	14.6	4.0	27,242	67.4	212.5	18.8	22.8	2.9	0.3	38,361	11.6	227.1	1,076	
10-12	541	3.0	1.5	0.5	8.1	3.2	17.2	2,364	5.9	50.1	4.4	61.3	0.6	0.7	2,905	2.1	53.3	190	
12-15	559	3.1	1.9	0.7	10.0	4.0	20.5	2,574	6.4	67.2	6.0	76.1	0.6	0.7	3,133	2.6	71.2	277	
Subtotal <=15	12,219	67.7	12.1	4.2	3.0	21.8	5.4	32,180	79.6	329.9	29.2	29.9	4.1	0.4	44,399	16.3	351.7	1,543	
15-20	606	3.4	2.7	0.9	12.8	5.6	27.0	2,514	6.2	83.1	7.4	97.8	0.8	0.9	3,120	3.4	88.7	407	
20-25	499	2.8	2.8	1.0	16.4	6.1	35.4	1,407	3.5	58.6	5.2	126.9	0.5	1.2	1,906	3.4	64.8	370	
25-30	362	2.0	2.5	0.9	20.0	5.6	44.4	870	2.2	43.5	3.9	154.2	0.5	1.7	1,232	3.0	49.2	305	
30-40	526	2.9	4.7	1.6	25.2	10.8	58.1	994	2.5	60.1	5.3	189.7	0.9	2.9	1,520	5.6	70.9	527	
40-50	402	2.2	4.5	1.5	31.7	11.1	79.0	572	1.4	43.7	3.9	235.9	0.9	5.1	974	5.4	54.9	463	
50-100	924	5.1	16.6	5.7	50.8	37.6	115.0	1,033	2.6	108.8	9.6	338.0	3.6	11.2	1,957	20.2	146.5	1,162	
Subtotal <=100	15,538	86.1	45.9	15.7	8.8	98.7	18.9	39,570	97.9	727.8	64.4	54.1	11.4	0.8	55,108	57.3	826.5	4,777	
100-200	644	3.6	22.8	7.8	101.3	56.6	251.6	421	1.0	86.3	7.6	645.1	4.8	35.6	1,065	27.6	142.9	886	
200-400	632	3.5	43.9	15.1	207.2	102.0	481.2	203	0.5	83.3	7.4	1,188.8	5.7	81.9	835	49.7	185.3	785	
400-800	638	3.5	74.0	25.4	404.9	180.1	986.1	117	0.3	91.8	8.1	2,266.7	7.4	182.1	755	81.3	271.9	753	
800-1,600	486	2.7	83.0	28.5	791.2	197.9	1,885.5	103	0.3	127.4	11.3	4,496.2	9.3	327.0	589	92.3	325.2	588	
1,600-3,200	107	0.6	21.3	7.3	1,418.1	47.2	3,145.3	9	0.0	12.8	1.1	7,012.0	1.3	707.7	116	22.6	60.0	116	
3,200-6,400	7	0.0	0.8	0.3	2,819.2	1.5	5,440.0	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.8	1.5	7	
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	
Total	18,052	100.0	291.6	100.0	48.9	684.0	114.7	40,423	100.0	1,129.4	100.0	82.3	39.9	2.9	58,475	331.5	1,813.4	7,912	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B41. Nevada oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	% of gas Prod.			prod. (MMbbl)	% of oil prod.								
0-1	9	16.1	0.0	0.3	0.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	9	0.0	0.0	0	
1-2	2	3.6	0.0	0.5	1.9	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	7.1	0.0	1.6	2.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.0	0.0	0	
4-6	8	14.3	0.0	6.2	5.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0	
6-8	5	8.9	0.0	5.0	6.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0	0.0	0	
8-10	6	10.7	0.0	7.5	8.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	6	0.0	0.0	0	
Subtotal <=10	34	60.7	0.0	21.1	4.3	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	34	0.0	0.0	0	
10-12	3	5.4	0.0	4.8	11.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
12-15	7	12.5	0.0	12.9	12.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	0	
Subtotal <=15	44	78.6	0.1	38.8	6.1	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	44	0.1	0.0	0	
15-20	3	5.4	0.0	6.5	15.0	0.0	0.7	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0	
20-25	2	3.6	0.0	6.7	23.1	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	1.8	0.0	4.0	27.7	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	4	7.1	0.0	17.6	31.3	0.0	1.0	0	0.0	0.0	0.0	0.0	0.0	0.0	4	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	1	1.8	0.0	11.1	76.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.0	0	
Subtotal <=100	55	98.2	0.2	84.8	10.7	0.0	0.1	0	0.0	0.0	0.0	0.0	0.0	0.0	55	0.2	0.0	0	
100-200	1	1.8	0.0	15.2	105.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	1	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	
Total	56	100.0	0.2	100.0	12.4	0.0	0.1	0	0.0	0.0	0.0	0.0	0.0	0.0	56	0.2	0.0	0	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B42. New York oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	% of gas Prod.			prod. (MMbbl)	% of oil prod.								
0-1	2,405	79.6	0.1	41.6	0.2	0.2	0.4	6,293	87.6	4.1	38.5	2.0	0.0	0.0	8,698	0.1	4.3	12	
1-2	279	9.2	0.0	16.5	1.1	0.0	1.2	634	8.8	1.9	17.5	8.1	0.0	0.0	913	0.0	1.9	7	
2-4	201	6.7	0.0	16.8	2.7	0.0	1.6	175	2.4	1.0	9.1	15.8	0.0	0.0	376	0.0	1.0	8	
4-6	81	2.7	0.0	13.6	4.4	0.0	1.6	24	0.3	0.2	2.3	27.7	0.0	0.1	105	0.0	0.3	2	
6-8	26	0.9	0.0	4.3	6.3	0.0	1.6	9	0.1	0.1	1.3	41.2	0.0	0.0	35	0.0	0.1	1	
8-10	14	0.5	0.0	3.6	8.5	0.0	1.5	4	0.1	0.1	0.7	49.4	0.0	0.5	18	0.0	0.1	2	
Subtotal <=10	3,006	99.5	0.3	96.4	0.4	0.3	0.5	7,139	99.4	7.4	69.4	3.2	0.0	0.0	10,145	0.3	7.7	32	
10-12	5	0.2	0.0	1.1	10.2	0.0	0.0	5	0.1	0.1	1.2	67.1	0.0	0.0	10	0.0	0.1	3	
12-15	5	0.2	0.0	0.8	12.7	0.0	3.4	7	0.1	0.2	2.0	82.3	0.0	0.0	12	0.0	0.2	1	
Subtotal <=15	3,016	99.8	0.3	98.3	0.4	0.3	0.5	7,151	99.6	7.7	72.5	3.3	0.0	0.0	10,167	0.3	8.0	36	
15-20	3	0.1	0.0	0.6	18.1	0.0	0.0	7	0.1	0.3	2.5	104.9	0.0	0.0	10	0.0	0.3	3	
20-25	1	0.0	0.0	0.3	21.8	0.0	0.0	5	0.1	0.2	2.2	130.8	0.0	0.0	6	0.0	0.2	3	
25-30	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.1	0.3	2.4	173.5	0.0	0.0	4	0.0	0.3	1	
30-40	2	0.1	0.0	0.8	35.1	0.0	0.0	4	0.1	0.3	2.8	203.6	0.0	0.0	6	0.0	0.3	1	
40-50	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.1	0.5	4.8	279.7	0.0	0.0	5	0.0	0.5	0	
50-100	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.1	0.6	5.6	407.5	0.0	0.0	4	0.0	0.6	2	
Subtotal <=100	3,022	100.0	0.3	100.0	0.4	0.3	0.5	7,180	100.0	9.9	92.8	4.2	0.0	0.0	10,202	0.3	10.2	46	
100-200	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.3	3.1	892.2	0.0	0.0	1	0.0	0.3	1	
200-400	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	0.4	4.2	1,224.0	0.0	0.0	1	0.0	0.4	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	
Total	3,022	100.0	0.3	100.0	0.4	0.3	0.5	7,182	100.0	10.7	100.0	4.6	0.0	0.0	10,204	0.3	11.0	47	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B43. Ohio oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual		Oil rate per Well (bbl/day)	Annual		# of gas wells	% of gas wells	Annual		Gas rate per well (Mcf/Day)	Annual		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			oil prod. (MMbbl)	% of oil prod.		gas prod. (Bcf)	Gas rate per well (Mcf/day)			gas prod. (Bcf)	% of gas Prod.		oil prod. (MMbbl)						
0–1	9,244	83.7	0.9	6.5	0.3	1.1	0.3	20,305	72.0	13.4	0.5	1.9	0.2	0.0	29,549	1.1	14.5	21	
1–2	1,103	10.0	0.4	3.1	1.0	0.9	2.2	3,795	13.5	10.2	0.4	7.4	0.2	0.2	4,898	0.6	11.1	5	
2–4	376	3.4	0.3	2.0	2.0	0.5	4.1	1,323	4.7	6.8	0.3	14.4	0.1	0.3	1,699	0.4	7.4	9	
4–6	95	0.9	0.1	0.9	3.7	0.2	7.0	221	0.8	2.0	0.1	26.2	0.0	0.5	316	0.2	2.3	5	
6–8	53	0.5	0.1	0.7	5.5	0.1	7.9	72	0.3	1.0	0.0	38.0	0.0	0.6	125	0.1	1.1	7	
8–10	22	0.2	0.1	0.4	7.1	0.1	10.5	38	0.1	0.7	0.0	49.8	0.0	0.7	60	0.1	0.8	5	
Subtotal <=10	10,893	98.7	1.8	13.7	0.5	3.0	0.8	25,754	91.3	34.2	1.3	3.7	0.6	0.1	36,647	2.5	37.2	52	
10–12	23	0.2	0.1	0.5	9.1	0.1	11.5	16	0.1	0.3	0.0	54.1	0.0	1.7	39	0.1	0.4	7	
12–15	11	0.1	0.0	0.3	10.7	0.1	17.2	18	0.1	0.5	0.0	78.3	0.0	0.9	29	0.0	0.5	8	
Subtotal <=15	10,927	99.0	1.9	14.5	0.5	3.1	0.8	25,788	91.4	34.9	1.4	3.8	0.6	0.1	36,715	2.6	38.1	67	
15–20	11	0.1	0.1	0.4	13.7	0.1	26.5	15	0.1	0.5	0.0	93.7	0.0	2.4	26	0.1	0.6	12	
20–25	4	0.0	0.0	0.2	15.3	0.1	45.6	17	0.1	0.7	0.0	121.9	0.0	1.7	21	0.0	0.8	10	
25–30	3	0.0	0.0	0.2	17.9	0.1	46.2	27	0.1	1.4	0.1	141.6	0.0	3.9	30	0.1	1.4	19	
30–40	0	0.0	0.0	0.0	0.0	0.0	0.0	44	0.2	2.4	0.1	155.5	0.1	9.0	44	0.1	2.4	42	
40–50	1	0.0	0.0	0.1	28.5	0.0	125.8	62	0.2	5.1	0.2	226.4	0.2	7.8	63	0.2	5.1	62	
50–100	8	0.1	0.1	0.9	42.4	0.5	187.9	455	1.6	64.7	2.5	392.4	1.7	10.4	463	1.8	65.2	461	
Subtotal <=100	10,954	99.2	2.2	16.2	0.6	3.9	1.0	26,408	93.6	109.7	4.3	11.6	2.7	0.3	37,362	4.9	113.6	673	
100–200	10	0.1	0.3	2.0	73.5	1.4	389.0	578	2.1	161.5	6.3	787.2	2.4	11.6	588	2.6	162.9	588	
200–400	4	0.0	0.3	2.0	181.0	1.3	915.9	398	1.4	218.0	8.5	1,617.4	1.7	12.3	402	1.9	219.3	402	
400–800	24	0.2	2.2	16.6	352.3	10.3	1,636.1	271	1.0	317.9	12.4	3,425.5	2.3	25.0	295	4.5	328.2	295	
800–1,600	41	0.4	6.7	50.6	676.2	27.9	2,802.8	234	0.8	497.1	19.4	6,546.2	2.8	36.3	275	9.5	525.0	275	
1,600–3,200	6	0.1	1.7	12.6	1,275.8	5.0	3,784.0	222	0.8	792.1	30.9	13,554.1	2.4	41.5	228	4.1	797.1	228	
3,200–6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	93	0.3	434.2	17.0	23,461.5	0.0	0.8	93	0.0	434.2	93	
6,400–12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	30.9	1.2	53,859.3	0.0	2.8	7	0.0	30.9	7	
> 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	
Total	11,039	100.0	13.3	100.0	3.4	49.9	12.8	28,211	100.0	2,561.3	100.0	254.9	14.3	1.4	39,250	27.6	2,611.2	2,561	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B44. Oklahoma oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	15,121	47.4	1.7	1.2	0.4	0.1	0.0	6,177	13.7	4.7	0.2	2.5	0.0	0.0	21,298	1.7	4.8	533	
1–2	4,591	14.4	2.0	1.4	1.4	0.4	0.3	3,927	8.7	11.4	0.4	8.6	0.1	0.0	8,518	2.1	11.7	345	
2–4	3,671	11.5	3.2	2.2	2.7	1.2	1.0	6,420	14.3	36.8	1.3	16.9	0.3	0.1	10,091	3.5	38.0	626	
4–6	1,793	5.6	2.5	1.8	4.4	1.6	2.7	4,646	10.3	44.0	1.6	28.1	0.4	0.3	6,439	3.0	45.6	561	
6–8	983	3.1	1.9	1.3	6.0	1.7	5.3	3,351	7.5	43.2	1.6	38.9	0.5	0.5	4,334	2.4	44.9	530	
8–10	681	2.1	1.7	1.2	7.7	1.6	7.4	2,455	5.5	40.6	1.5	49.9	0.5	0.6	3,136	2.2	42.3	505	
Subtotal <=10	26,840	84.2	13.1	9.1	1.6	6.5	0.8	26,976	60.0	180.7	6.6	20.3	1.8	0.2	53,816	14.9	187.3	3,100	
10–12	478	1.5	1.4	1.0	9.5	1.4	9.1	1,763	3.9	34.8	1.3	60.6	0.5	0.9	2,241	1.9	36.2	460	
12–15	512	1.6	1.8	1.3	11.1	2.3	13.9	2,097	4.7	49.6	1.8	73.4	0.8	1.2	2,609	2.6	51.9	697	
Subtotal <=15	27,830	87.3	16.3	11.3	1.9	10.2	1.2	30,836	68.6	265.1	9.7	26.1	3.1	0.3	58,666	19.5	275.3	4,257	
15–20	590	1.9	2.7	1.8	14.2	3.5	18.6	2,405	5.4	72.9	2.7	94.1	1.3	1.7	2,995	4.0	76.4	1,040	
20–25	383	1.2	2.2	1.5	17.7	3.3	27.1	1,646	3.7	63.4	2.3	120.2	1.2	2.4	2,029	3.4	66.7	892	
25–30	290	0.9	2.1	1.5	21.9	3.3	33.6	1,238	2.8	57.2	2.1	145.2	1.3	3.2	1,528	3.4	60.5	776	
30–40	327	1.0	3.0	2.1	28.0	4.3	39.8	1,712	3.8	100.9	3.7	184.0	2.2	4.0	2,039	5.2	105.1	1,191	
40–50	241	0.8	2.8	1.9	34.3	5.0	62.0	1,121	2.5	85.2	3.1	237.9	1.8	5.0	1,362	4.6	90.3	907	
50–100	677	2.1	11.9	8.2	53.5	25.9	116.8	2,605	5.8	308.8	11.3	369.9	7.0	8.4	3,282	18.8	334.7	2,482	
Subtotal <=100	30,338	95.2	41.0	28.4	4.3	55.5	5.9	41,563	92.5	953.4	34.8	70.1	17.9	1.3	71,901	58.8	1,008.9	11,545	
100–200	587	1.8	18.7	12.9	99.2	48.4	256.9	1,500	3.3	344.8	12.6	710.6	11.0	22.7	2,087	29.7	393.2	1,816	
200–400	483	1.5	28.6	19.8	202.1	66.6	470.2	1,032	2.3	455.4	16.6	1,366.0	16.2	48.7	1,515	44.8	521.9	1,425	
400–800	338	1.1	31.5	21.8	387.1	83.6	1,027.1	557	1.2	451.9	16.5	2,775.2	15.2	93.4	895	46.7	535.5	863	
800–1,600	124	0.4	19.4	13.4	740.3	48.0	1,831.2	246	0.6	371.1	13.5	5,714.1	8.9	136.8	370	28.3	419.1	366	
1,600–3,200	9	0.0	3.8	2.6	1,872.9	5.0	2,478.3	53	0.1	150.2	5.5	11,515.9	1.6	125.5	62	5.4	155.1	59	
3,200–6,400	1	0.0	1.6	1.1	4,464.6	0.0	16.7	2	0.0	14.6	0.5	22,885.3	0.0	19.6	3	1.6	14.7	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	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	
Total	31,880	100.0	144.5	100.0	14.6	307.0	31.1	44,953	100.0	2,741.4	100.0	187.0	70.8	4.8	76,833	215.4	3,048.4	16,076	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B45. Oregon oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0–1	0	0.0	0.0	0.0	0.0	0.0	0.0	2	15.4	0.0	0.4	3.7	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	0	0.0	0.0	0.0	0.0	0.0	0.0	4	30.8	0.0	5.8	18.7	0.0	0.0	4	0.0	0.0	0	
4–6	0	0.0	0.0	0.0	0.0	0.0	0.0	1	7.7	0.0	3.1	33.5	0.0	0.0	1	0.0	0.0	0	
6–8	0	0.0	0.0	0.0	0.0	0.0	0.0	2	15.4	0.0	8.5	46.4	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	
Subtotal <=10	0	0.0	0.0	0.0	0.0	0.0	0.0	9	69.2	0.1	17.8	25.9	0.0	0.0	9	0.0	0.1	0	
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	0	0.0	0.0	0.0	0.0	0.0	0.0	2	15.4	0.1	14.2	77.7	0.0	0.0	2	0.0	0.1	0	
Subtotal <=15	0	0.0	0.0	0.0	0.0	0.0	0.0	11	84.6	0.1	32.0	36.8	0.0	0.0	11	0.0	0.1	0	
15–20	0	0.0	0.0	0.0	0.0	0.0	0.0	1	7.7	0.0	10.5	114.4	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	0.0	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	
Subtotal <=100	0	0.0	0.0	0.0	0.0	0.0	0.0	12	92.3	0.2	42.5	44.2	0.0	0.0	12	0.0	0.2	0	
100–200	0	0.0	0.0	0.0	0.0	0.0	0.0	1	7.7	0.2	57.5	628.7	0.0	0.0	1	0.0	0.2	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	
Total	0	0.0	0.0	0.0	0.0	0.0	0.0	13	100.0	0.4	100.0	95.1	0.0	0.0	13	0.0	0.4	0	

Notes:

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- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B46. Pennsylvania oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual		Annual					Annual		Annual	Oil rate			Annual	Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0-1	10,231	95.8	0.5	47.6	0.2	1.2	0.4	46,996	67.7	36.1	0.5	2.2	0.3	0.0	57,227	0.8	37.3	78	
1-2	185	1.7	0.1	5.3	1.0	0.1	2.1	9,373	13.5	27.8	0.4	8.2	0.0	0.0	9,558	0.1	27.9	19	
2-4	88	0.8	0.1	6.7	2.4	0.1	3.6	2,583	3.7	14.2	0.2	15.5	0.0	0.0	2,671	0.1	14.3	41	
4-6	49	0.5	0.1	5.0	3.9	0.1	5.7	384	0.6	3.9	0.1	28.4	0.0	0.1	433	0.1	4.0	36	
6-8	62	0.6	0.1	13.1	6.5	0.1	5.2	248	0.4	2.5	0.0	40.6	0.0	0.1	310	0.1	2.6	16	
8-10	22	0.2	0.0	2.6	7.2	0.0	8.7	91	0.1	1.7	0.0	53.5	0.0	0.1	113	0.0	1.7	28	
Subtotal <=10	10,637	99.6	0.8	80.3	0.3	1.7	0.5	59,675	86.0	86.2	1.2	4.1	0.3	0.0	70,312	1.2	87.9	218	
10-12	4	0.0	0.0	0.3	7.6	0.0	16.7	65	0.1	1.5	0.0	64.8	0.0	0.1	69	0.0	1.5	15	
12-15	24	0.2	0.1	9.4	11.8	0.0	3.6	61	0.1	1.7	0.0	79.3	0.0	0.2	85	0.1	1.7	23	
Subtotal <=15	10,665	99.9	0.9	90.0	0.3	1.7	0.5	59,801	86.2	89.4	1.3	4.2	0.4	0.0	70,466	1.3	91.1	256	
15-20	1	0.0	0.0	0.5	14.4	0.0	9.8	83	0.1	3.0	0.0	103.9	0.0	0.2	84	0.0	3.0	50	
20-25	2	0.0	0.0	0.1	16.6	0.0	28.8	79	0.1	3.8	0.1	133.1	0.0	0.1	81	0.0	3.8	62	
25-30	1	0.0	0.0	0.3	21.5	0.0	48.8	108	0.2	6.3	0.1	163.0	0.0	0.3	109	0.0	6.3	97	
30-40	7	0.1	0.1	9.0	37.1	0.0	9.9	261	0.4	19.8	0.3	210.2	0.0	0.4	268	0.1	19.9	245	
40-50	1	0.0	0.0	0.1	25.9	0.0	108.3	364	0.5	34.7	0.5	268.8	0.1	0.6	365	0.1	34.8	354	
50-100	0	0.0	0.0	0.0	0.0	0.0	0.0	2,009	2.9	317.9	4.6	438.9	0.5	0.6	2,009	0.5	317.9	1,832	
Subtotal <=100	10,677	100.0	1.1	100.0	0.3	1.7	0.5	62,705	90.4	475.0	6.8	21.5	0.9	0.0	73,382	2.0	476.7	2,896	
100-200	0	0.0	0.0	0.0	0.0	0.0	0.0	2,173	3.1	674.0	9.7	862.1	0.7	0.9	2,173	0.7	674.0	2,168	
200-400	0	0.0	0.0	0.0	0.0	0.0	0.0	2,008	2.9	1,220.7	17.5	1,698.0	0.9	1.2	2,008	0.9	1,220.7	2,006	
400-800	0	0.0	0.0	0.0	0.0	0.0	0.0	1,316	1.9	1,474.2	21.1	3,315.7	1.4	3.2	1,316	1.4	1,474.2	1,286	
800-1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	744	1.1	1,477.6	21.2	6,579.0	1.2	5.2	744	1.2	1,477.6	744	
1,600-3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	365	0.5	1,256.1	18.0	13,057.6	0.4	3.7	365	0.4	1,256.1	365	
3,200-6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	75	0.1	361.9	5.2	23,436.2	0.0	0.1	75	0.0	361.9	75	
6,400-12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	33.6	0.5	45,804.7	0.0	0.0	7	0.0	33.6	7	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	11.2	0.2	120,839.0	0.0	0.0	3	0.0	11.2	3	
Total	10,677	100.0	1.1	100.0	0.3	1.7	0.5	69,396	100.0	6,984.3	100.0	286.5	5.4	0.2	80,073	6.5	6,986.0	9,550	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus Drillinginfo.
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- 3) Wells counted for this report include sidetracks, completions, re-completions and leases, this includes all oil and/or gas producing 'entities' available in Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B47. South Dakota oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil prod.		Oil rate per Well (bbl/day)	Annual gas prod.		# of gas wells	% of gas wells	Annual gas prod.		Gas rate per well (Mcf/Day)	Annual oil prod.		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			(MMbbl)	% of oil prod.		(Bcf)	% of gas Prod.			(MMbbl)	(bbl/Day)								
0–1	6	5.6	0.0	0.1	0.6	0.0	0.0	19	20.0	0.0	0.5	3.7	0.0	0.0	25	0.0	0.0	2	
1–2	1	0.9	0.0	0.1	1.6	0.0	0.0	11	11.6	0.0	0.7	9.2	0.0	0.0	12	0.0	0.0	1	
2–4	3	2.8	0.0	0.3	3.0	0.0	0.0	14	14.7	0.1	1.5	15.0	0.0	0.0	17	0.0	0.1	1	
4–6	9	8.3	0.0	1.5	4.9	0.0	0.3	3	3.2	0.0	0.6	26.2	0.0	0.0	12	0.0	0.0	4	
6–8	4	3.7	0.0	1.2	7.4	0.0	0.8	1	1.1	0.0	0.2	31.6	0.0	2.5	5	0.0	0.0	3	
8–10	4	3.7	0.0	1.4	8.5	0.0	2.9	0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.0	0.0	2	
Subtotal <=10	27	25.0	0.0	4.4	4.7	0.0	0.8	48	50.5	0.2	3.5	10.4	0.0	0.1	75	0.0	0.2	13	
10–12	8	7.4	0.0	3.2	10.1	0.0	5.3	0	0.0	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	6	
12–15	7	6.5	0.0	3.4	12.2	0.0	7.7	0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	6	
Subtotal <=15	42	38.9	0.1	11.1	7.2	0.0	3.0	48	50.5	0.2	3.5	10.4	0.0	0.1	90	0.1	0.2	25	
15–20	13	12.0	0.1	8.3	16.7	0.0	4.9	4	4.2	0.1	2.1	72.4	0.0	5.3	17	0.1	0.1	11	
20–25	8	7.4	0.1	6.9	21.7	0.0	4.0	1	1.1	0.0	0.2	117.4	0.0	0.0	9	0.1	0.0	9	
25–30	13	12.0	0.1	13.0	25.2	0.1	10.9	3	3.2	0.2	3.1	142.2	0.0	4.9	16	0.1	0.2	15	
30–40	11	10.2	0.1	12.5	28.4	0.2	39.6	3	3.2	0.2	3.8	176.9	0.0	5.4	14	0.1	0.4	12	
40–50	7	6.5	0.1	12.5	45.0	0.0	8.6	6	6.3	0.4	8.4	194.0	0.0	12.8	13	0.1	0.4	12	
50–100	12	11.1	0.3	27.4	61.7	0.1	25.8	24	25.3	2.7	53.6	313.6	0.1	14.1	36	0.4	2.8	35	
Subtotal <=100	106	98.2	0.8	91.7	22.7	0.4	11.2	89	93.7	3.8	74.7	119.6	0.2	5.4	195	1.0	4.2	119	
100–200	2	1.9	0.1	8.3	104.8	0.0	0.0	6	6.3	1.3	25.3	582.9	0.1	36.1	8	0.2	1.3	8	
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	
Total	108	100.0	0.9	100.0	24.3	0.4	11.0	95	100.0	5.1	100.0	149.7	0.2	7.4	203	1.2	5.5	127	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

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

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	% of gas Prod.			prod. (MMbbl)	% of oil prod.								
0-1	731	79.6	0.1	37.3	0.4	0.0	0.0	553	58.5	0.5	13.2	2.3	0.0	0.0	1,284	0.1	0.5	1	
1-2	128	13.9	0.1	24.8	1.4	0.0	0.2	168	17.8	0.4	12.4	7.9	0.0	0.1	296	0.1	0.5	4	
2-4	37	4.0	0.0	11.6	2.5	0.0	0.9	113	12.0	0.6	16.2	15.7	0.0	0.2	150	0.0	0.6	5	
4-6	11	1.2	0.0	8.1	5.0	0.0	0.0	44	4.7	0.4	12.0	29.6	0.0	0.1	55	0.0	0.4	4	
6-8	4	0.4	0.0	4.4	7.1	0.0	0.9	23	2.4	0.3	9.3	42.2	0.0	0.0	27	0.0	0.3	1	
8-10	2	0.2	0.0	1.5	8.8	0.0	0.0	6	0.6	0.1	2.6	49.3	0.0	0.6	8	0.0	0.1	0	
Subtotal <=10	913	99.5	0.2	87.6	0.7	0.0	0.1	907	95.9	2.3	65.6	7.4	0.0	0.0	1,820	0.2	2.4	15	
10-12	2	0.2	0.0	2.4	11.1	0.0	0.0	10	1.1	0.2	5.9	63.6	0.0	0.0	12	0.0	0.2	2	
12-15	1	0.1	0.0	1.9	12.6	0.0	0.0	9	1.0	0.2	4.7	79.9	0.0	0.0	10	0.0	0.2	1	
Subtotal <=15	916	99.8	0.2	92.0	0.7	0.0	0.1	926	97.9	2.7	76.2	8.4	0.0	0.1	1,842	0.2	2.7	18	
15-20	1	0.1	0.0	2.6	17.0	0.0	0.0	7	0.7	0.2	6.7	103.6	0.0	0.0	8	0.0	0.2	0	
20-25	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.3	0.1	3.8	142.7	0.0	0.0	3	0.0	0.1	0	
25-30	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.1	0.0	0.1	161.2	0.0	0.0	1	0.0	0.0	0	
30-40	1	0.1	0.0	5.4	35.1	0.0	0.0	4	0.4	0.3	7.2	190.0	0.0	0.0	5	0.0	0.3	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	1	0.1	0.1	1.7	498.2	0.0	0.0	1	0.0	0.1	1	
Subtotal <=100	918	100.0	0.2	100.0	0.8	0.0	0.1	942	99.6	3.4	95.6	10.4	0.0	0.1	1,860	0.3	3.4	19	
100-200	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.3	0.1	3.2	755.8	0.0	0.0	3	0.0	0.1	0	
200-400	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.1	0.0	1.2	1,358.2	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	
Total	918	100.0	0.2	100.0	0.8	0.0	0.1	946	100.0	3.6	100.0	10.9	0.0	0.1	1,864	0.3	3.6	19	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B49. Texas oil and gas well summary statistics, 2019

	Oil wells							Gas wells							Total wells				
			Annual oil			Annual gas				Annual gas			Annual oil				Annual		
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	gas prod. (Bcf)	Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	oil prod. (MMbbl)	Oil rate per well (bbl/Day)	# of total wells	oil prod. (MMbbl)	gas prod. (Bcf)	Horizontal well count	
0–1	59,564	34.5	6.3	0.4	0.3	2.0	0.1	21,876	16.9	16.1	0.2	2.3	0.2	0.0	81,440	6.5	18.2	1,773	
1–2	18,601	10.8	8.7	0.5	1.3	4.4	0.7	12,743	9.9	34.8	0.5	8.2	0.5	0.1	31,344	9.1	39.2	1,032	
2–4	21,105	12.2	19.1	1.2	2.6	13.3	1.8	16,308	12.6	88.3	1.2	16.0	1.4	0.3	37,413	20.5	101.6	1,816	
4–6	11,914	6.9	18.0	1.1	4.3	14.8	3.6	10,406	8.1	94.4	1.3	26.7	1.7	0.5	22,320	19.7	109.3	1,802	
6–8	7,752	4.5	16.3	1.0	6.0	15.4	5.7	7,701	6.0	98.0	1.3	37.6	1.8	0.7	15,453	18.1	113.4	1,702	
8–10	5,495	3.2	14.7	0.9	7.6	15.1	7.8	6,211	4.8	102.5	1.4	48.5	1.9	0.9	11,706	16.6	117.6	1,693	
Subtotal <=10	124,431	72.1	83.1	5.2	2.0	65.0	1.5	75,245	58.3	434.2	5.8	17.4	7.5	0.3	199,676	90.6	499.2	9,818	
10–12	4,148	2.4	13.6	0.9	9.3	14.4	9.9	5,074	3.9	102.3	1.4	59.4	1.8	1.0	9,222	15.4	116.7	1,714	
12–15	4,758	2.8	18.7	1.2	11.3	21.7	13.1	6,294	4.9	155.9	2.1	73.1	2.7	1.2	11,052	21.4	177.6	2,709	
Subtotal <=15	133,337	77.3	115.4	7.2	2.5	101.2	2.2	86,613	67.1	692.4	9.3	24.0	12.0	0.4	219,950	127.4	793.5	14,241	
15–20	5,423	3.1	27.5	1.7	14.4	33.6	17.6	7,582	5.9	242.8	3.3	94.3	4.2	1.6	13,005	31.7	276.4	4,640	
20–25	3,691	2.1	23.7	1.5	18.4	30.6	23.8	5,379	4.2	222.2	3.0	121.1	4.0	2.2	9,070	27.7	252.9	4,345	
25–30	2,836	1.6	22.2	1.4	22.3	30.7	30.8	4,105	3.2	206.2	2.8	148.2	3.8	2.7	6,941	26.0	236.9	3,963	
30–40	3,870	2.2	37.8	2.4	27.8	55.7	40.9	5,596	4.3	353.3	4.7	185.6	7.1	3.7	9,466	44.9	409.0	6,375	
40–50	2,589	1.5	32.1	2.0	35.3	51.5	56.5	3,881	3.0	310.7	4.2	235.3	7.1	5.4	6,470	39.3	362.1	4,803	
50–100	5,726	3.3	109.1	6.8	54.7	185.0	92.8	7,820	6.1	938.9	12.6	354.5	26.1	9.8	13,546	135.1	1,123.9	10,849	
Subtotal <=100	157,472	91.3	367.9	22.9	6.8	488.3	9.0	120,976	93.7	2,966.4	39.8	73.2	64.2	1.6	278,448	432.1	3,454.7	49,216	
100–200	4,433	2.6	163.8	10.2	108.4	308.5	204.1	3,607	2.8	809.0	10.9	679.3	31.1	26.1	8,040	195.0	1,117.5	6,877	
200–400	4,306	2.5	296.5	18.5	214.4	597.9	432.4	2,206	1.7	891.3	12.0	1,280.1	46.8	67.3	6,512	343.4	1,489.2	5,968	
400–800	4,329	2.5	484.9	30.2	423.3	920.1	803.2	1,238	1.0	967.8	13.0	2,469.8	55.5	141.7	5,567	540.5	1,887.9	5,398	
800–1,600	1,752	1.0	255.0	15.9	745.2	565.4	1,652.3	811	0.6	1,125.7	15.1	5,347.9	43.0	204.3	2,563	298.0	1,691.1	2,513	
1,600–3,200	167	0.1	31.9	2.0	1,355.8	81.5	3,466.9	231	0.2	562.8	7.6	11,341.1	8.2	165.4	398	40.1	644.3	381	
3,200–6,400	14	0.0	5.7	0.4	3,126.2	6.4	3,510.3	25	0.0	87.6	1.2	22,037.6	0.9	216.2	39	6.6	94.0	35	
6,400–12,800	1	0.0	0.2	0.0	6,523.2	0.0	1,148.6	13	0.0	31.2	0.4	45,274.8	0.0	0.0	14	0.2	31.2	13	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	8.0	0.1	85,757.6	0.0	0.0	3	0.0	8.0	3	
Total	172,474	100.0	1,606.0	100.0	27.4	2,968.2	50.7	129,110	100.0	7,449.8	100.0	173.1	249.8	5.8	301,584	1,855.7	10,418.0	70,404	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B50. Utah oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	% of gas Prod.			prod. (MMbbl)	% of oil prod.								
0-1	237	5.4	0.0	0.1	0.4	0.0	0.2	401	5.0	0.3	0.1	2.3	0.0	0.0	638	0.0	0.3	8	
1-2	136	3.1	0.1	0.2	1.2	0.1	1.7	368	4.6	0.9	0.4	8.8	0.0	0.1	504	0.1	1.0	9	
2-4	450	10.2	0.4	1.2	2.5	0.5	3.4	861	10.8	4.7	2.1	17.1	0.0	0.2	1,311	0.4	5.2	12	
4-6	591	13.5	0.8	2.5	4.1	1.1	5.4	795	10.0	7.5	3.3	27.2	0.1	0.5	1,386	1.0	8.6	27	
6-8	521	11.9	1.1	3.1	5.7	1.4	7.5	765	9.6	9.9	4.4	38.1	0.2	0.7	1,286	1.2	11.3	22	
8-10	390	8.9	1.0	3.0	7.4	1.3	9.3	701	8.8	12.0	5.3	49.5	0.2	0.7	1,091	1.2	13.3	14	
Subtotal <=10	2,325	52.9	3.4	10.0	4.3	4.4	5.6	3,891	48.9	35.2	15.5	27.8	0.5	0.4	6,216	3.9	39.6	92	
10-12	305	6.9	1.0	2.9	9.1	1.2	11.2	604	7.6	12.8	5.7	61.4	0.2	0.8	909	1.1	14.0	19	
12-15	325	7.4	1.3	3.8	11.1	1.6	13.9	786	9.9	20.5	9.0	75.9	0.2	0.8	1,111	1.5	22.1	19	
Subtotal <=15	2,955	67.2	5.7	16.6	5.6	7.2	7.1	5,281	66.4	68.5	30.2	39.3	0.9	0.5	8,236	6.6	75.7	130	
15-20	309	7.0	1.6	4.6	14.1	2.2	19.9	1,010	12.7	34.5	15.2	98.8	0.3	0.8	1,319	1.8	36.7	24	
20-25	166	3.8	1.0	3.0	17.9	1.5	26.4	595	7.5	26.6	11.7	128.9	0.2	0.8	761	1.2	28.1	26	
25-30	133	3.0	1.0	3.1	21.9	1.6	33.5	320	4.0	17.3	7.6	158.0	0.1	0.9	453	1.1	18.9	16	
30-40	174	4.0	1.7	5.0	27.5	2.6	42.7	358	4.5	23.7	10.4	194.8	0.2	1.4	532	1.9	26.3	14	
40-50	113	2.6	1.4	4.0	35.3	2.2	56.0	117	1.5	9.8	4.3	250.3	0.1	2.8	230	1.5	12.0	12	
50-100	312	7.1	5.7	16.8	54.4	9.3	88.1	182	2.3	20.3	9.0	355.7	0.4	7.3	494	6.1	29.6	67	
Subtotal <=100	4,162	94.7	18.1	53.1	12.6	26.6	18.5	7,863	98.9	200.7	88.5	76.4	2.1	0.8	12,025	20.2	227.3	289	
100-200	129	2.9	4.8	13.9	108.1	7.4	167.8	64	0.8	12.1	5.4	685.9	0.3	16.6	193	5.0	19.5	47	
200-400	54	1.2	4.4	12.9	246.5	4.7	261.0	20	0.3	8.1	3.6	1,397.7	0.2	29.3	74	4.6	12.8	46	
400-800	36	0.8	4.6	13.4	472.7	4.5	464.2	4	0.1	4.4	2.0	3,041.4	0.1	59.8	40	4.7	8.9	36	
800-1,600	14	0.3	2.3	6.7	846.6	2.0	754.5	1	0.0	1.3	0.6	3,685.3	0.1	347.7	15	2.4	3.4	14	
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	
Total	4,395	100.0	34.1	100.0	22.6	45.2	29.9	7,952	100.0	226.7	100.0	85.5	2.8	1.1	12,347	36.9	271.9	432	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B51. Virginia oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells				
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil prod.		Oil rate per Well (bbl/day)	Annual gas prod.		Gas rate per well (Mcf/day)	# of gas wells	% of gas wells	Annual gas prod.		Gas rate per well (Mcf/Day)	Annual oil prod.		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			(MMbbl)	% of oil prod.		(Bcf)	% of gas Prod.				(MMbbl)	% of oil prod.								
0-1	4	66.7	0.0	53.3	0.8	0.0	0.0	540	6.6	0.6	0.6	3.3	0.0	0.0	544	0.0	0.6	5		
1-2	1	16.7	0.0	18.3	0.8	0.0	3.0	1,102	13.5	3.6	3.4	9.2	0.0	0.0	1,103	0.0	3.6	3		
2-4	1	16.7	0.0	28.4	1.2	0.0	5.0	1,943	23.8	12.4	11.6	17.7	0.0	0.0	1,944	0.0	12.4	15		
4-6	0	0.0	0.0	0.0	0.0	0.0	0.0	1,538	18.9	16.4	15.3	29.5	0.0	0.0	1,538	0.0	16.4	19		
6-8	0	0.0	0.0	0.0	0.0	0.0	0.0	1,041	12.8	15.7	14.7	41.7	0.0	0.0	1,041	0.0	15.7	26		
8-10	0	0.0	0.0	0.0	0.0	0.0	0.0	666	8.2	12.9	12.0	53.7	0.0	0.0	666	0.0	12.9	18		
Subtotal <=10	6	100.0	0.0	100.0	0.8	0.0	1.9	6,830	83.8	61.6	57.5	25.1	0.0	0.0	6,836	0.0	61.6	86		
10-12	0	0.0	0.0	0.0	0.0	0.0	0.0	467	5.7	11.0	10.3	65.3	0.0	0.0	467	0.0	11.0	14		
12-15	0	0.0	0.0	0.0	0.0	0.0	0.0	392	4.8	11.2	10.5	79.8	0.0	0.0	392	0.0	11.2	11		
Subtotal <=15	6	100.0	0.0	100.0	0.8	0.0	1.9	7,689	94.3	83.7	78.2	30.3	0.0	0.0	7,695	0.0	83.8	111		
15-20	0	0.0	0.0	0.0	0.0	0.0	0.0	261	3.2	9.3	8.7	101.3	0.0	0.0	261	0.0	9.3	7		
20-25	0	0.0	0.0	0.0	0.0	0.0	0.0	92	1.1	4.4	4.1	133.8	0.0	0.0	92	0.0	4.4	1		
25-30	0	0.0	0.0	0.0	0.0	0.0	0.0	38	0.5	2.1	1.9	163.5	0.0	0.0	38	0.0	2.1	0		
30-40	0	0.0	0.0	0.0	0.0	0.0	0.0	27	0.3	1.8	1.7	206.7	0.0	0.0	27	0.0	1.8	0		
40-50	0	0.0	0.0	0.0	0.0	0.0	0.0	6	0.1	0.4	0.4	265.4	0.0	0.0	6	0.0	0.4	0		
50-100	0	0.0	0.0	0.0	0.0	0.0	0.0	24	0.3	3.0	2.8	422.3	0.0	0.0	24	0.0	3.0	0		
Subtotal <=100	6	100.0	0.0	100.0	0.8	0.0	1.9	8,137	99.8	104.8	97.8	35.9	0.0	0.0	8,143	0.0	104.8	119		
100-200	0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.1	2.1	2.0	749.2	0.0	0.0	10	0.0	2.1	0		
200-400	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.2	0.2	1,596.9	0.0	0.0	3	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		
Total	6	100.0	0.0	100.0	0.8	0.0	1.9	8,150	100.0	107.1	100.0	36.6	0.0	0.0	8,156	0.0	107.1	119		

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B52. West Virginia oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells	Annual oil		Oil rate per Well (bbl/day)	Annual gas		# of gas wells	% of gas wells	Annual gas		Gas rate per well (Mcf/Day)	Annual oil		Oil rate per well (bbl/Day)	# of total wells	Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count
			prod. (MMbbl)	% of oil prod.		prod. (Bcf)	per well (Mcf/day)			prod. (Bcf)	% of gas Prod.		prod. (MMbbl)	% of oil prod.					
0-1	2,898	86.4	0.2	38.2	0.3	0.3	0.3	32,077	59.5	23.9	1.1	2.2	0.0	0.0	34,975	0.3	24.2	79	
1-2	269	8.0	0.1	13.4	1.2	0.1	1.5	9,774	18.1	29.2	1.4	8.4	0.1	0.0	10,043	0.1	29.3	75	
2-4	110	3.3	0.1	11.4	2.3	0.1	2.7	6,082	11.3	34.9	1.6	16.4	0.1	0.0	6,192	0.1	35.0	142	
4-6	28	0.8	0.0	6.2	4.0	0.0	4.5	1,709	3.2	16.9	0.8	28.7	0.0	0.0	1,737	0.1	16.9	124	
6-8	12	0.4	0.0	4.1	6.1	0.0	4.4	626	1.2	8.6	0.4	41.0	0.0	0.0	638	0.0	8.6	70	
8-10	10	0.3	0.0	4.3	7.7	0.0	7.7	285	0.5	4.9	0.2	52.8	0.0	0.1	295	0.0	4.9	38	
Subtotal <=10	3,327	99.2	0.5	77.6	0.5	0.6	0.6	50,553	93.8	118.4	5.5	6.8	0.2	0.0	53,880	0.7	119.0	528	
10-12	5	0.2	0.0	2.8	9.4	0.0	6.8	151	0.3	2.9	0.1	64.7	0.0	0.2	156	0.0	2.9	30	
12-15	4	0.1	0.0	2.8	13.4	0.0	0.0	128	0.2	3.1	0.1	78.5	0.0	0.1	132	0.0	3.1	34	
Subtotal <=15	3,336	99.4	0.5	83.1	0.5	0.6	0.6	50,832	94.4	124.4	5.8	7.1	0.2	0.0	54,168	0.7	124.9	592	
15-20	6	0.2	0.0	6.1	16.9	0.0	6.4	86	0.2	2.1	0.1	101.6	0.0	0.2	92	0.0	2.1	25	
20-25	1	0.0	0.0	0.1	15.2	0.0	39.1	53	0.1	1.9	0.1	129.7	0.0	0.5	54	0.0	1.9	18	
25-30	5	0.2	0.0	4.1	22.9	0.0	25.3	42	0.1	1.5	0.1	153.9	0.0	1.9	47	0.0	1.5	23	
30-40	2	0.1	0.0	2.0	26.7	0.0	60.0	58	0.1	3.6	0.2	203.2	0.0	1.1	60	0.0	3.6	44	
40-50	1	0.0	0.0	0.3	29.3	0.0	103.6	51	0.1	4.2	0.2	261.2	0.0	2.0	52	0.0	4.2	43	
50-100	0	0.0	0.0	0.0	0.0	0.0	0.0	420	0.8	61.6	2.9	432.2	0.4	2.5	420	0.4	61.6	406	
Subtotal <=100	3,351	99.9	0.6	95.6	0.6	0.6	0.7	51,542	95.7	199.2	9.3	11.2	0.6	0.0	54,893	1.2	199.9	1,151	
100-200	0	0.0	0.0	0.0	0.0	0.0	0.0	685	1.3	204.3	9.5	854.0	0.7	2.9	685	0.7	204.3	683	
200-400	3	0.1	0.0	3.3	164.7	0.1	756.2	749	1.4	419.6	19.5	1,636.6	1.7	6.7	752	1.7	419.7	752	
400-800	1	0.0	0.0	1.1	219.1	0.0	1,279.7	431	0.8	456.8	21.3	3,196.1	4.3	30.3	432	4.3	456.9	432	
800-1,600	0	0.0	0.0	0.0	0.0	0.0	0.0	327	0.6	534.2	24.9	6,106.2	7.2	81.9	327	7.2	534.2	327	
1,600-3,200	0	0.0	0.0	0.0	0.0	0.0	0.0	129	0.2	300.1	14.0	11,247.8	2.1	79.4	129	2.1	300.1	129	
3,200-6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	5.1	0.2	27,934.3	0.0	0.0	2	0.0	5.1	2	
6,400-12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	5	0.0	26.3	1.2	43,084.9	0.0	0.0	5	0.0	26.3	5	
> 12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	2.6	0.1	85,144.8	0.0	0.0	1	0.0	2.6	1	
Total	3,355	100.0	0.6	100.0	0.6	0.8	0.8	53,871	100.0	2,148.3	100.0	115.6	16.7	0.9	57,226	17.3	2,149.1	3,482	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.

Table B53. Wyoming oil and gas well summary statistics, 2019

Oil wells								Gas wells								Total wells			
			Annual oil prod. (MMbbl)	% of oil prod.	Oil rate per Well (bbl/day)	Annual gas prod. (Bcf)	Gas rate per well (Mcf/day)			Annual gas prod. (Bcf)	% of gas Prod.	Gas rate per well (Mcf/Day)	Annual oil prod. (MMbbl)	Oil rate per well (bbl/Day)		Annual oil prod. (MMbbl)	Annual gas prod. (Bcf)	Horizontal well count	
Prod. rate bracket (BOE/day)	# of oil wells	% of oil wells						# of gas wells	% of gas wells						# of total wells				
0-1	2,172	20.8	0.2	0.3	0.3	0.1	0.1	1,966	9.0	1.2	0.1	2.0	0.0	0.0	4,138	0.2	1.3	47	
1-2	980	9.4	0.4	0.5	1.4	0.3	0.8	1,051	4.8	2.9	0.2	8.5	0.0	0.1	2,031	0.5	3.1	28	
2-4	1,307	12.5	1.2	1.4	2.7	0.6	1.3	1,683	7.7	9.7	0.7	17.1	0.1	0.1	2,990	1.3	10.2	54	
4-6	938	9.0	1.5	1.8	4.7	0.5	1.6	1,442	6.6	14.2	1.0	28.8	0.1	0.2	2,380	1.6	14.7	50	
6-8	620	5.9	1.4	1.7	6.6	0.5	2.2	1,328	6.1	18.5	1.2	40.5	0.1	0.2	1,948	1.5	19.0	50	
8-10	504	4.8	1.5	1.8	8.6	0.4	2.3	1,203	5.5	21.7	1.5	52.1	0.1	0.3	1,707	1.7	22.2	47	
Subtotal <=10	6,521	62.3	6.3	7.5	2.9	2.3	1.0	8,673	39.8	68.2	4.6	23.8	0.5	0.2	15,194	6.8	70.4	276	
10-12	413	4.0	1.5	1.8	10.5	0.4	3.0	1,177	5.4	25.9	1.7	63.7	0.2	0.4	1,590	1.7	26.4	67	
12-15	508	4.9	2.2	2.7	12.6	0.8	4.7	1,638	7.5	44.1	3.0	78.0	0.3	0.5	2,146	2.5	45.0	95	
Subtotal <=15	7,442	71.2	10.1	12.0	4.0	3.5	1.4	11,488	52.7	138.2	9.2	36.1	0.9	0.2	18,930	11.0	141.8	438	
15-20	561	5.4	3.2	3.8	16.1	1.4	7.1	2,177	10.0	76.0	5.1	100.0	0.6	0.7	2,738	3.7	77.4	167	
20-25	372	3.6	2.6	3.2	20.2	1.7	12.7	1,657	7.6	75.2	5.0	129.0	0.5	0.9	2,029	3.2	76.9	131	
25-30	254	2.4	2.2	2.6	24.9	1.4	15.6	1,250	5.7	68.8	4.6	155.9	0.6	1.4	1,504	2.8	70.2	130	
30-40	368	3.5	4.1	4.9	31.2	2.9	22.3	1,600	7.3	111.5	7.5	197.1	0.9	1.6	1,968	5.0	114.4	217	
40-50	236	2.3	3.2	3.8	38.7	3.0	36.2	869	4.0	78.2	5.2	254.7	0.7	2.2	1,105	3.8	81.1	155	
50-100	533	5.1	10.7	12.8	57.8	11.3	61.4	1,492	6.9	201.1	13.4	386.7	2.1	4.0	2,025	12.7	212.5	420	
Subtotal <=100	9,766	93.4	36.0	43.1	10.9	25.2	7.6	20,533	94.3	749.1	50.0	106.8	6.3	0.9	30,299	42.2	774.2	1,658	
100-200	240	2.3	8.8	10.5	112.5	13.7	175.5	680	3.1	184.3	12.3	767.5	2.7	11.1	920	11.4	198.0	276	
200-400	207	2.0	13.4	16.1	225.5	20.8	349.9	372	1.7	159.5	10.7	1,475.2	3.0	27.3	579	16.4	180.3	270	
400-800	187	1.8	17.9	21.4	441.8	29.1	718.3	144	0.7	108.8	7.3	2,652.3	4.3	104.9	331	22.2	137.9	244	
800-1,600	53	0.5	6.6	7.9	736.0	14.8	1,647.6	32	0.2	45.7	3.1	4,967.8	2.0	222.4	85	8.7	60.5	77	
1,600-3,200	7	0.1	0.8	1.0	1,100.4	2.6	3,328.8	11	0.1	31.9	2.1	11,757.7	0.3	121.2	18	1.2	34.4	11	
3,200-6,400	0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	29.0	1.9	26,446.1	0.0	0.0	3	0.0	29.0	0	
6,400-12,800	0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.1	188.7	12.6	51,698.7	0.0	0.0	10	0.0	188.7	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	
Total	10,460	100.0	83.6	100.0	23.9	106.2	30.4	21,785	100.0	1,496.8	100.0	201.8	18.6	2.5	32,245	102.1	1,603.1	2,536	

Notes:

- 1) Source: State administrative oil & gas data thru Enverus 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 Enverus Drillinginfo database.
- 4) For late reporting states; the last year of available data is repeated for missing years (AZ 2017 used for 2018-19, KY 2018 for 2019, MD 2015 for 2016-19, TN 2016 for 2017-19). 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 2020.