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# Occupational Employment and Wage Statistics

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## Occupational Employment and Wages, May 2018

### 47-5012 Rotary Drill Operators, Oil and Gas

Set up or operate a variety of drills to remove underground oil and gas, or remove core samples for testing during oil and gas exploration. Excludes "Earth Drillers, Except Oil and Gas" (47-5021).

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

#### National estimates for this occupation: Top

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
18,010	5.8 %	\$27.28	\$56,740	1.7 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$15.44	\$19.75	\$25.86	\$32.82	\$42.21
Annual Wage (2)	\$32,110	\$41,090	\$53,800	\$68,250	\$87,790

#### Industry profile for this occupation: Top

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

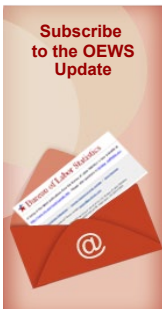
Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
<a href="#">Support Activities for Mining</a>	14,520	4.53	\$26.44	\$55,000
<a href="#">Oil and Gas Extraction</a>	1,800	1.28	\$29.12	\$60,570
<a href="#">Petroleum and Coal Products Manufacturing</a>	540	0.48	\$39.93	\$83,060
<a href="#">Architectural, Engineering, and Related Services</a>	140	0.01	\$25.10	\$52,220
<a href="#">Management, Scientific, and Technical Consulting Services</a>	40	0.00	\$38.56	\$80,190

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
<a href="#">Support Activities for Mining</a>	14,520	4.53	\$26.44	\$55,000
<a href="#">Oil and Gas Extraction</a>	1,800	1.28	\$29.12	\$60,570
<a href="#">Petroleum and Coal Products Manufacturing</a>	540	0.48	\$39.93	\$83,060
<a href="#">Architectural, Engineering, and Related Services</a>	140	0.01	\$25.10	\$52,220
<a href="#">Management of Companies and Enterprises</a>	40	0.00	\$44.07	\$91,660

Top paying industries for this occupation:

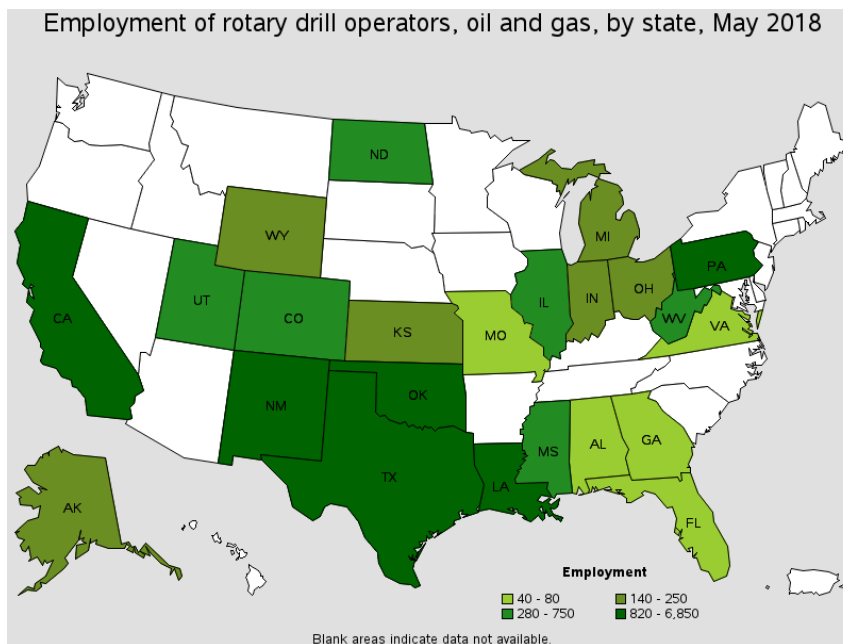
Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
<a href="#">Management of Companies and Enterprises</a>	40	(7)	\$44.07	\$91,660
<a href="#">Petroleum and Coal Products Manufacturing</a>	540	0.48	\$39.93	\$83,060
<a href="#">Management, Scientific, and Technical</a>				



<a href="#">Consulting Services</a>	40	(7)	\$38.56	\$80,190
<a href="#">Utility System Construction</a>	(8)	(8)	\$30.12	\$62,660
<a href="#">Oil and Gas Extraction</a>	1,800	1.28	\$29.12	\$60,570

**Geographic profile for this occupation: [Top](#)**

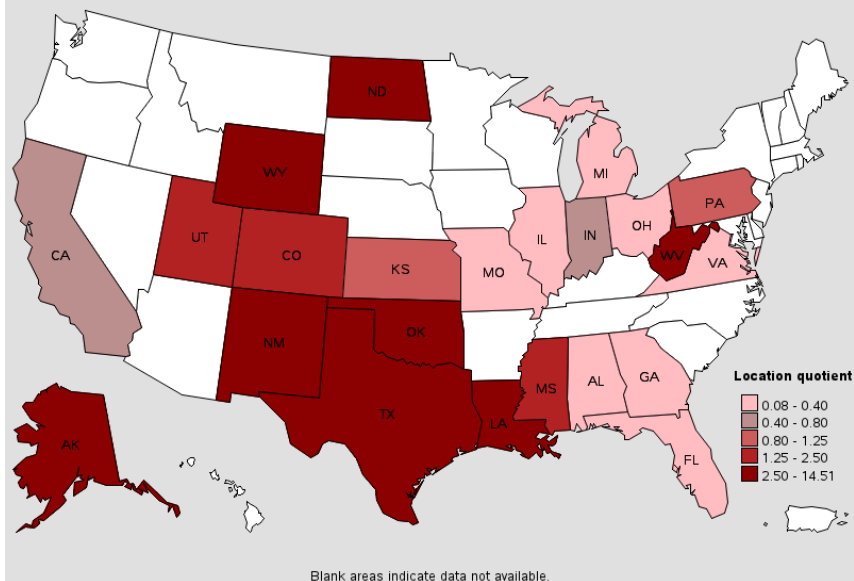
States and areas with the highest published employment, location quotients, and wages for this occupation are provided. For a list of all areas with employment in this occupation, see the [Create Customized Tables](#) function.



States with the highest employment level in this occupation:

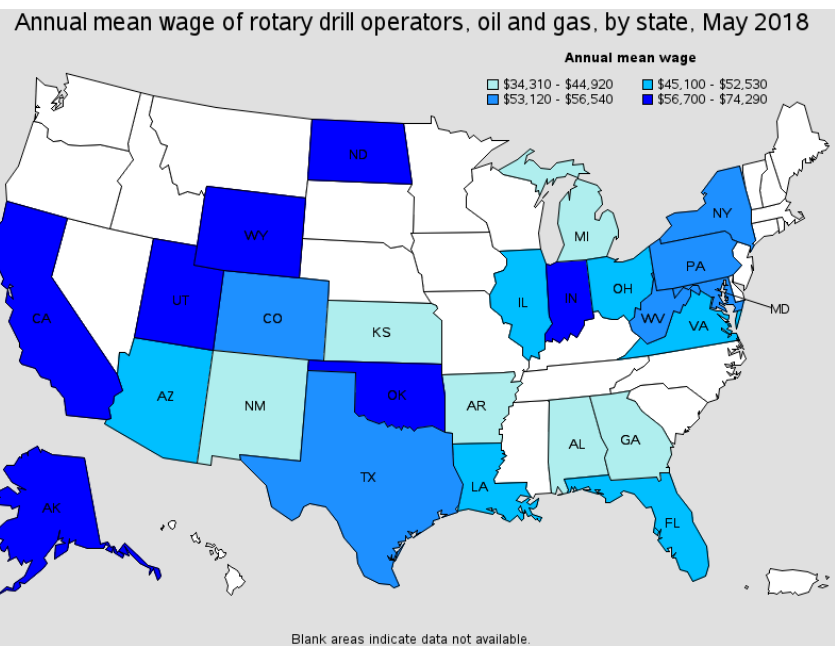
State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Texas</a>	6,850	0.57	4.55	\$27.16	\$56,490
<a href="#">Oklahoma</a>	2,610	1.64	13.17	\$27.70	\$57,620
<a href="#">California</a>	1,430	0.08	0.67	\$32.03	\$66,630
<a href="#">Louisiana</a>	980	0.51	4.11	\$25.25	\$52,520
<a href="#">New Mexico</a>	930	1.14	9.17	\$21.41	\$44,540

Location quotient of rotary drill operators, oil and gas, by state, May 2018



States with the highest concentration of jobs and location quotients in this occupation:

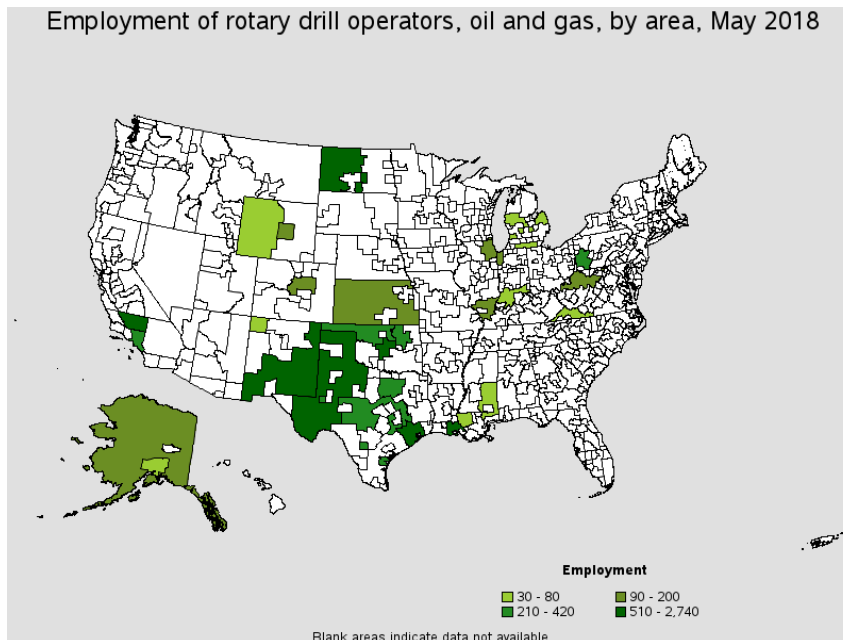
State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">North Dakota</a>	750	1.81	14.51	\$31.94	\$66,440
<a href="#">Oklahoma</a>	2,610	1.64	13.17	\$27.70	\$57,620
<a href="#">New Mexico</a>	930	1.14	9.17	\$21.41	\$44,540
<a href="#">Wyoming</a>	250	0.92	7.42	\$29.57	\$61,510
<a href="#">Alaska</a>	230	0.73	5.89	\$35.72	\$74,290



Top paying States for this occupation:

State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Alaska</a>	230	0.73	5.89	\$35.72	\$74,290
<a href="#">Indiana</a>	180	0.06	0.46	\$32.21	\$67,000
<a href="#">California</a>	1,430	0.08	0.67	\$32.03	\$66,630
<a href="#">North Dakota</a>	750	1.81	14.51	\$31.94	\$66,440
<a href="#">Wyoming</a>	250	0.92	7.42	\$29.57	\$61,510

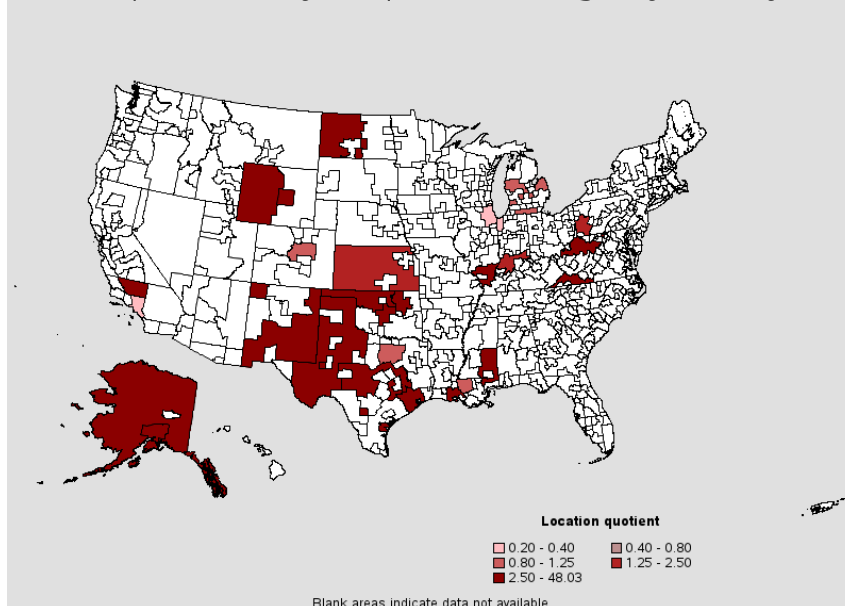
### Employment of rotary drill operators, oil and gas, by area, May 2018



Metropolitan areas with the highest employment level in this occupation:

Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Houston-The Woodlands-Sugar Land, TX</a>	2,740	0.92	7.39	\$28.16	\$58,560
<a href="#">Oklahoma City, OK</a>	1,380	2.23	17.95	\$32.19	\$66,950
<a href="#">Bakersfield, CA</a>	870	2.85	22.88	\$29.53	\$61,410
<a href="#">Lafayette, LA</a>	510	2.59	20.79	\$23.18	\$48,220
<a href="#">Dallas-Fort Worth-Arlington, TX</a>	420	0.12	0.95	\$28.10	\$58,460
<a href="#">Tulsa, OK</a>	320	0.74	5.96	\$20.92	\$43,510
<a href="#">Pittsburgh, PA</a>	270	0.24	1.92	\$24.67	\$51,320
<a href="#">Los Angeles-Long Beach-Anaheim, CA</a>	240	0.04	0.32	\$34.89	\$72,570
<a href="#">Corpus Christi, TX</a>	240	1.28	10.25	\$26.75	\$55,640
<a href="#">Odessa, TX</a>	230	3.04	24.46	\$28.76	\$59,830

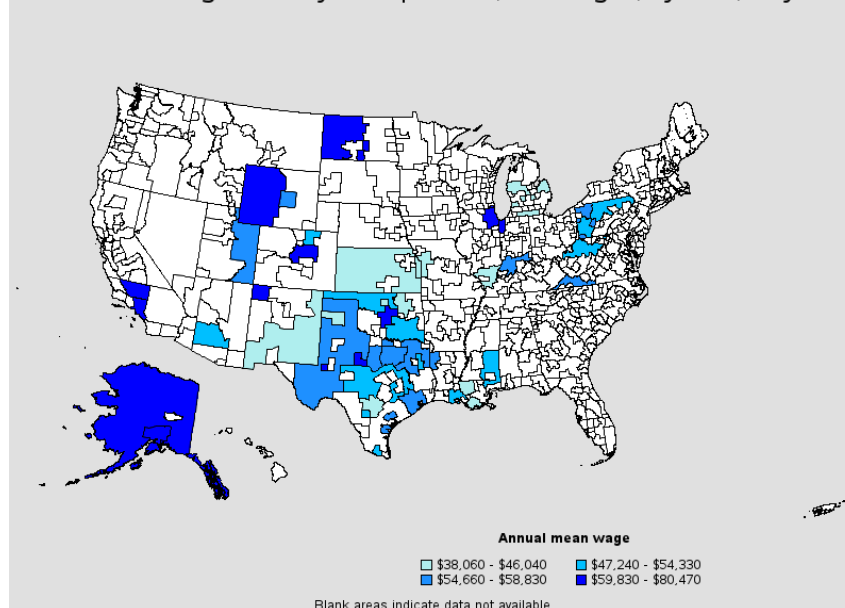
### Location quotient of rotary drill operators, oil and gas, by area, May 2018



Metropolitan areas with the highest concentration of jobs and location quotients in this occupation:

Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Odessa, TX</a>	230	3.04	24.46	\$28.76	\$59,830
<a href="#">Bakersfield, CA</a>	870	2.85	22.88	\$29.53	\$61,410
<a href="#">Casper, WY</a>	100	2.65	21.33	\$26.76	\$55,660
<a href="#">Lafayette, LA</a>	510	2.59	20.79	\$23.18	\$48,220
<a href="#">Oklahoma City, OK</a>	1,380	2.23	17.95	\$32.19	\$66,950
<a href="#">Farmington, NM</a>	60	1.31	10.54	\$32.60	\$67,810
<a href="#">Corpus Christi, TX</a>	240	1.28	10.25	\$26.75	\$55,640
<a href="#">Houston-The Woodlands-Sugar Land, TX</a>	2,740	0.92	7.39	\$28.16	\$58,560
<a href="#">Tulsa, OK</a>	320	0.74	5.96	\$20.92	\$43,510
<a href="#">Anchorage, AK</a>	80	0.44	3.55	\$38.69	\$80,470

### Annual mean wage of rotary drill operators, oil and gas, by area, May 2018



Top paying metropolitan areas for this occupation:

Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Anchorage, AK</a>	80	0.44	3.55	\$38.69	\$80,470
<a href="#">Los Angeles-Long Beach-Anaheim, CA</a>	240	0.04	0.32	\$34.89	\$72,570
<a href="#">Abilene, TX</a>	(8)	(8)	(8)	\$34.76	\$72,300
<a href="#">Farmington, NM</a>	60	1.31	10.54	\$32.60	\$67,810
<a href="#">Oklahoma City, OK</a>	1,380	2.23	17.95	\$32.19	\$66,950
<a href="#">Chicago-Naperville-Elgin, IL-IN-WI</a>	200	0.04	0.35	\$30.60	\$63,640
<a href="#">Denver-Aurora-Lakewood, CO</a>	190	0.13	1.01	\$29.91	\$62,220
<a href="#">Bakersfield, CA</a>	870	2.85	22.88	\$29.53	\$61,410
<a href="#">Odessa, TX</a>	230	3.04	24.46	\$28.76	\$59,830
<a href="#">Houston-The Woodlands-Sugar Land, TX</a>	2,740	0.92	7.39	\$28.16	\$58,560

Nonmetropolitan areas with the highest employment in this occupation:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Eastern New Mexico nonmetropolitan area</a>	850	5.36	43.04	\$20.45	\$42,540
<a href="#">West North Dakota nonmetropolitan area</a>	720	5.98	48.03	\$32.12	\$66,810
<a href="#">West Texas Region of Texas nonmetropolitan area</a>	600	3.09	24.83	\$28.29	\$58,830
<a href="#">Northwest Oklahoma nonmetropolitan area</a>	240	2.53	20.32	\$24.52	\$51,000
<a href="#">Hill Country Region of Texas nonmetropolitan area</a>	210	1.08	8.65	\$25.24	\$52,500

Nonmetropolitan areas with the highest concentration of jobs and location quotients in this occupation:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">West North Dakota nonmetropolitan area</a>	720	5.98	48.03	\$32.12	\$66,810

<a href="#">Eastern New Mexico nonmetropolitan area</a>	850	5.36	43.04	\$20.45	\$42,540
<a href="#">West Texas Region of Texas nonmetropolitan area</a>	600	3.09	24.83	\$28.29	\$58,830
<a href="#">Northwest Oklahoma nonmetropolitan area</a>	240	2.53	20.32	\$24.52	\$51,000
<a href="#">South Illinois nonmetropolitan area</a>	120	1.36	10.94	\$19.66	\$40,880

Top paying nonmetropolitan areas for this occupation:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
<a href="#">Alaska nonmetropolitan area</a>	130	1.26	10.16	\$34.75	\$72,280
<a href="#">West North Dakota nonmetropolitan area</a>	720	5.98	48.03	\$32.12	\$66,810
<a href="#">Western Wyoming nonmetropolitan area</a>	60	0.57	4.59	\$31.45	\$65,410
<a href="#">West Texas Region of Texas nonmetropolitan area</a>	600	3.09	24.83	\$28.29	\$58,830
<a href="#">Eastern Utah nonmetropolitan area</a>	(8)	(8)	(8)	\$27.61	\$57,430

#### [About May 2018 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

These estimates are calculated with data collected from employers in all industry sectors, all metropolitan and nonmetropolitan areas, and all states and the District of Columbia. The top employment and wage figures are provided above. The complete list is available in the [downloadable XLS files](#).

The percentile wage estimate is the value of a wage below which a certain percent of workers fall. The median wage is the 50th percentile wage estimate--50 percent of workers earn less than the median and 50 percent of workers earn more than the median. [More about percentile wages.](#)

(1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(2) Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly wage published, the annual wage has been directly calculated from the reported survey data.

(3) The relative standard error (RSE) is a measure of the reliability of a survey statistic. The smaller the relative standard error, the more precise the estimate.

(7) The value is less than .005 percent of industry employment.

(8) Estimate not released.

(9) The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.

Other OES estimates and related information:

[May 2018 National Occupational Employment and Wage Estimates](#)

[May 2018 State Occupational Employment and Wage Estimates](#)

[May 2018 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2018 National Industry-Specific Occupational Employment and Wage Estimates](#)

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