

Mining, Including Oil & Gas (NAICS 21)				
Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2016*				
		Occupation & SOC^a Code		
Occupation	Total All Occupations (00-0000)	Roustabouts, Oil and Gas (47-5071)	Extraction Workers, All Other (47-5099)	Truck Drivers, Heavy and Tractor-Trailer (53-3032)
Typical Education Requirement	N/A	Less than high school	High school diploma	Postsecondary non-degree award
N	4,590	727	677	408
Median Hourly Wage	\$20.00	\$16.00	\$19.50	\$20.00
% Paid Piece Rate	0.9	2.7	0.0	2.4
% Offered Selected Benefits				
Health Insurance	75.7	42.5	79.4	82.9
Retirement	55.5	26.0	70.6	53.7
Paid Leave	64.0	35.6	75.0	70.7
Wait Time for Benefits				
Yes	59.4	42.5	77.9	75.6
No	18.4	8.2	11.8	0.0
Unknown	21.9	49.3	10.3	24.4
Skills Selected as "Important" (%)				
Service Orientation	53.6	41.1	50.0	56.1
Critical Thinking	82.2	82.2	83.8	85.4
Reading Comprehension	59.9	42.5	33.8	73.2
Technology Design	46.0	38.4	41.2	34.1
Operation & Control	80.5	67.1	80.9	90.2
Employer's Satisfaction with New Hires' Skills (%)				
Satisfied	41.0	32.9	33.8	46.3
Unsatisfied	4.1	5.5	7.4	2.4
Neutral	9.5	15.1	10.3	2.4
Other	45.3	46.6	48.5	48.8
Average Weekly Hours Worked				
20 or Less	0.3	1.7	0.0	0.0
21-35	6.8	20.7	4.8	6.3
36+	92.9	77.6	95.2	93.8
Work Status				
Full-Time	91.1	76.7	91.2	90.2
Part-Time	4.1	15.1	5.9	0.0
Temporary	3.5	8.2	2.9	7.3
Unknown	0.9	0.0	0.0	2.4
Gender				
Women	7.4	5.5	7.4	2.4
Men	81.3	83.6	85.3	82.9
Nonresidents ^b	11.3	11.0	7.4	14.6
Age				
16-19	3.3	5.5	1.5	2.4
20-24	13.9	13.7	16.2	7.3
25-34	34.3	37.0	44.1	22.0
35-44	16.9	19.2	16.2	22.0
45-54	10.8	9.6	11.8	17.1
55-64	8.5	2.7	2.9	9.8
65+	1.1	1.4	0.0	4.9
Unknown	11.3	11.0	7.4	14.6
Turnover				
% Working 1 Quarter After Hire	83.1	75.3	70.6	95.1

*The 2016 estimates are based on an 8-quarter period from 2014Q3 to 2016Q2.

^aStandard Occupational Classification.

^bNonresidents are individuals for whom demographic data are not available.

Source: Wyoming New Hires Job Skills Survey.

Prepared by L. Knapp and M. Moore, Research & Planning, WY DWS, 5/18/18.

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Occupation & SOC^a Code				
Occupation	Wellhead Pumpers (53-7073)	Operating Engineers & Other Const. Equip. (47-2073)	Helpers–Extraction Workers (47-5081)	Mobile Heavy Equip. Mech., Except Engines (49-3042)
Typical Education Requirement	Less than high school	High school diploma	High school diploma	High school diploma
N	348	219	179	169
Median Hourly Wage	\$24.00	\$25.09	\$15.00	\$31.51
% Paid Piece Rate	0.0	0.0	5.6	0.0
% Offered Selected Benefits				
Health Insurance	77.1	95.5	50.0	100.0
Retirement	51.4	95.5	22.2	100.0
Paid Leave	62.9	95.5	22.2	100.0
Wait Time for Benefits				
Yes	60.0	36.4	61.1	0.0
No	20.0	54.5	0.0	100.0
Unknown	20.0	9.1	38.9	0.0
Skills Selected as “Important” (%)				
Service Orientation	45.7	27.3	38.9	76.5
Critical Thinking	97.1	68.2	50.0	94.1
Reading Comprehension	91.4	36.4	44.4	100.0
Technology Design	77.1	13.6	38.9	35.3
Operation & Control	97.1	95.5	50.0	94.1
Employer’s Satisfaction with New Hires’ Skills (%)				
Satisfied	42.9	31.8	27.8	11.8
Unsatisfied	2.9	9.1	11.1	0.0
Neutral	8.6	18.2	22.2	0.0
Other	45.7	40.9	38.9	88.2
Average Weekly Hours Worked				
20 or Less	0.0	0.0	0.0	0.0
21-35	0.0	0.0	20.0	0.0
36+	100.0	100.0	80.0	100.0
Work Status				
Full-Time	97.1	100.0	83.3	100.0
Part-Time	0.0	0.0	0.0	0.0
Temporary	0.0	0.0	16.7	0.0
Unknown	2.9	0.0	0.0	0.0
Gender				
Women	0.0	18.2	5.6	5.9
Men	91.4	81.8	83.3	70.6
Nonresidents ^b	8.6	0.0	11.1	23.5
Age				
16-19	0.0	4.5	11.1	5.9
20-24	8.6	22.7	33.3	17.6
25-34	48.6	31.8	38.9	35.3
35-44	20.0	18.2	5.6	5.9
45-54	8.6	13.6	0.0	5.9
55-64	5.7	9.1	0.0	5.9
65+	0.0	0.0	0.0	0.0
Unknown	8.6	0.0	11.1	23.5
Turnover				
% Working 1 Quarter After Hire	100.0	86.4	77.8	100.0

*The 2016 estimates are based on an 8-quarter period from 2014Q3 to 2016Q2.

^aStandard Occupational Classification.

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		Occupation & SOC^a Code			
Occupation		First-Line Supervisors/Mgrs. of Construction (47-1011)	Service Unit Operators, Oil, Gas, and Mining (47-5013)	Rotary Drill Operators, Oil and Gas (47-5012)	Geological and Petroleum Technicians (19-4041)
	Typical Education Requirement	High school diploma	Less than high school	Less than high school	Associate's degree
	N	159	149	139	129
	Median Hourly Wage	\$36.06	\$20.00	\$17.00	\$21.00
	% Paid Piece Rate	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	81.3	86.7	35.7	92.3
	Retirement	56.3	60.0	35.7	76.9
	Paid Leave	62.5	53.3	35.7	92.3
Wait Time for Benefits	Yes	68.8	73.3	28.6	61.5
	No	6.3	20.0	50.0	23.1
	Unknown	25.0	6.7	21.4	15.4
Skills Selected as "Important" (%)	Service Orientation	93.8	73.3	21.4	38.5
	Critical Thinking	87.5	100.0	28.6	92.3
	Reading Comprehension	87.5	66.7	28.6	53.8
	Technology Design	75.0	33.3	28.6	61.5
	Operation & Control	100.0	100.0	78.6	76.9
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	68.8	53.3	28.6	61.5
	Unsatisfied	0.0	0.0	0.0	0.0
	Neutral	0.0	6.7	7.1	15.4
	Other	31.3	40.0	64.3	23.1
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	7.1	0.0	0.0
	36+	100.0	92.9	100.0	100.0
Work Status	Full-Time	100.0	100.0	100.0	100.0
	Part-Time	0.0	0.0	0.0	0.0
	Temporary	0.0	0.0	0.0	0.0
	Unknown	0.0	0.0	0.0	0.0
Gender	Women	12.5	13.3	0.0	0.0
	Men	75.0	73.3	85.7	92.3
	Nonresidents ^b	12.5	13.3	14.3	7.7
Age	16-19	0.0	0.0	7.1	0.0
	20-24	6.3	0.0	7.1	30.8
	25-34	37.5	40.0	35.7	15.4
	35-44	12.5	33.3	21.4	0.0
	45-54	12.5	0.0	7.1	7.7
	55-64	12.5	13.3	7.1	38.5
	65+	6.3	0.0	0.0	0.0
	Unknown	12.5	13.3	14.3	7.7
Turnover	% Working 1 Quarter After Hire	81.3	86.7	78.6	84.6

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Occupation	Occupation & SOC^a Code			
	General and Operations Managers (11-1021)	Industrial Machinery Mechanics (49-9041)	Laborers & Freight, Stock & Material Movers, Hand (53-7062)	Network and Computer Systems Admin. (15-1142)
Typical Education Requirement	Bachelor's degree	High school diploma	Less than high school	Bachelor's degree
N	110	100	100	60
Median Hourly Wage	\$45.91	\$28.93	\$16.00	\$48.08
% Paid Piece Rate	0.0	0.0	0.0	0.0
% Offered Selected Benefits				
Health Insurance	100.0	100.0	70.0	100.0
Retirement	81.8	70.0	40.0	0.0
Paid Leave	72.7	70.0	30.0	100.0
Wait Time for Benefits				
Yes	63.6	90.0	60.0	0.0
No	9.1	0.0	0.0	100.0
Unknown	18.2	10.0	40.0	0.0
Skills Selected as "Important" (%)				
Service Orientation	63.6	70.0	40.0	100.0
Critical Thinking	90.9	80.0	80.0	100.0
Reading Comprehension	81.8	70.0	30.0	100.0
Technology Design	54.5	80.0	20.0	100.0
Operation & Control	81.8	80.0	70.0	100.0
Employer's Satisfaction with New Hires' Skills (%)				
Satisfied	36.4	60.0	80.0	16.7
Unsatisfied	9.1	0.0	0.0	0.0
Neutral	18.2	0.0	10.0	0.0
Other	36.4	40.0	10.0	83.3
Average Weekly Hours Worked				
20 or Less	0.0	0.0	0.0	0.0
21-35	0.0	0.0	16.7	0.0
36+	100.0	100.0	83.3	100.0
Work Status				
Full-Time	90.9	100.0	70.0	100.0
Part-Time	0.0	0.0	10.0	0.0
Temporary	0.0	0.0	10.0	0.0
Unknown	9.1	0.0	10.0	0.0
Gender				
Women	9.1	0.0	0.0	16.7
Men	81.8	80.0	70.0	83.3
Nonresidents ^b	9.1	20.0	30.0	0.0
Age				
16-19	0.0	0.0	0.0	16.7
20-24	0.0	30.0	10.0	16.7
25-34	36.4	30.0	10.0	16.7
35-44	27.3	0.0	20.0	16.7
45-54	18.2	0.0	10.0	0.0
55-64	9.1	20.0	20.0	33.3
65+	0.0	0.0	0.0	0.0
Unknown	9.1	20.0	30.0	0.0
Turnover				
% Working 1 Quarter After Hire	90.9	70.0	60.0	66.7

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Occupation	Occupation & SOC ^a Code			
	Petroleum Engineers (17-2171)	Construction Laborers (47-2061)	Inspect., Testers, Sorters, Samplers & Weighers (51-9061)	Purchasing Agents, Exc Wholesale, Retail & Farm (13-1023)
Typical Education Requirement	Bachelor's degree	Less than high school	High school diploma	High school diploma
N	60	60	60	50
Median Hourly Wage	\$38.46	\$17.00	\$15.50	\$26.44
% Paid Piece Rate	0.0	0.0	0.0	0.0
% Offered Selected Benefits				
Health Insurance	100.0	50.0	100.0	100.0
Retirement	100.0	0.0	50.0	100.0
Paid Leave	100.0	50.0	83.3	100.0
Wait Time for Benefits				
Yes	100.0	0.0	100.0	40.0
No	0.0	50.0	0.0	60.0
Unknown	0.0	50.0	0.0	0.0
Skills Selected as "Important" (%)				
Service Orientation	50.0	83.3	83.3	100.0
Critical Thinking	100.0	83.3	100.0	100.0
Reading Comprehension	100.0	83.3	83.3	100.0
Technology Design	100.0	33.3	16.7	40.0
Operation & Control	100.0	83.3	100.0	80.0
Employer's Satisfaction with New Hires' Skills (%)				
Satisfied	33.3	50.0	66.7	40.0
Unsatisfied	0.0	16.7	16.7	0.0
Neutral	0.0	0.0	0.0	20.0
Other	66.7	33.3	16.7	40.0
Average Weekly Hours Worked				
20 or Less	0.0	0.0	0.0	0.0
21-35	0.0	0.0	0.0	0.0
36+	100.0	100.0	100.0	100.0
Work Status				
Full-Time	100.0	100.0	100.0	60.0
Part-Time	0.0	0.0	0.0	0.0
Temporary	0.0	0.0	0.0	0.0
Unknown	0.0	0.0	0.0	0.0
Gender				
Women	0.0	16.7	16.7	40.0
Men	66.7	66.7	83.3	40.0
Nonresidents ^b	33.3	16.7	0.0	20.0
Age				
16-19	0.0	16.7	0.0	20.0
20-24	16.7	16.7	33.3	20.0
25-34	50.0	16.7	33.3	20.0
35-44	0.0	0.0	16.7	0.0
45-54	0.0	33.3	16.7	20.0
55-64	0.0	0.0	0.0	0.0
65+	0.0	0.0	0.0	0.0
Unknown	33.3	16.7	0.0	20.0
Turnover				
% Working 1 Quarter After Hire	100.0	83.3	83.3	60.0

*The 2016 estimates are based on an 8-quarter period from 2014Q3 to 2016Q2.

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