

Mining (NAICS 21)

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2015*

SOC ^a Code	00-0000	47-5071	47-5099	53-3032
Occupation	Total, All Occupations	Roustabouts, Oil and Gas	Extraction Workers, All Other	Truck Drivers, Heavy and Tractor-Trailer
Typical Education	N/A	Less than high school	High school diploma or equivalent	Postsecondary non-degree award
N	6,889	1,368	785	761
Average Hourly Wage (\$)	19.50	16.00	21.00	19.75
% Paid Piece Rate	2.2	1.7	0.0	0.0
% Offered Selected Benefits				
Health Insurance	74.4	44.3	89.4	82.8
Retirement	54.7	20.9	77.3	50.0
Paid Leave	62.7	33.9	71.2	65.6
Wait Time for Benefits				
Yes	61.5	45.2	81.8	82.8
No	15.0	7.8	9.1	0.0
Unknown	23.0	47.0	9.1	17.2
Skills Selected as "Important" (%)				
Service Orientation	56.1	50.4	37.9	62.5
Critical Thinking	83.2	85.2	74.2	82.8
Reading Comprehension	61.7	47.0	53.0	59.4
Technology Design	48.9	44.3	48.5	32.8
Operation & Control	82.6	79.1	81.8	85.9
Employer's Satisfaction with New Hires' Skills (%)				
Satisfied	36.6	32.2	31.8	37.5
Not Satisfied	5.4	7.8	4.5	7.8
Neither	8.5	13.0	12.1	4.7
Other	49.6	47.0	51.5	50.0
Average Weekly Hours Worked				
20 or Less	0.5	1.2	2.3	0.0
21-35	6.9	14.5	0.0	8.3
36 or More	92.6	84.3	97.7	91.7
Full- and Part-Time Status				
Full-Time	93.1	88.7	98.5	95.3
Part-Time	2.4	6.1	0.0	3.1
Temp/Substitute	4.0	5.2	1.5	0.0
Unknown	0.5	0.0	0.0	1.6
Gender				
Female	16.1	18.3	13.6	10.9
Male	72.4	68.7	72.7	76.6
Nonresident^b	11.6	13.0	13.6	12.5
Age Group				
19 and Younger	3.5	6.1	3.0	0.0
20-24	17.6	18.3	24.2	12.5
25-34	32.0	30.4	30.3	25.0
35-44	18.7	18.3	21.2	26.6
45-54	9.5	9.6	6.1	10.9
55-64	6.7	3.5	1.5	10.9
65 and Older	0.5	0.9	0.0	1.6
Nonresident	11.6	13.0	13.6	12.5
Turnover				
% Still Working 1 Quarter After Hire	85.3	77.4	84.8	93.8

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

^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, 12/8/2016.

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Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2015*					
SOC^a Code		53-7073	47-2073	47-5081	19-4041
Occupation		Wellhead Pumpers	Operating Engineers & Other Construction Equip. Operators	Helpers--Extraction Workers	Geological and Petroleum Technicians
Typical Education		Less than high school	High school diploma or equivalent	High school diploma or equivalent	Associate's degree
N		488	309	238	178
Average Hourly Wage (\$)		25.00	24.20	17.50	14.45
% Paid Piece Rate		0.0	0.0	5.0	6.7
% Offered Selected Benefits	Health Insurance	78.0	73.1	50.0	73.3
	Retirement	68.3	73.1	25.0	73.3
	Paid Leave	68.3	61.5	25.0	73.3
Wait Time for Benefits	Yes	68.3	19.2	60.0	40.0
	No	17.1	50.0	5.0	33.3
	Unknown	14.6	26.9	35.0	26.7
Skills Selected as "Important" (%)	Service Orientation	48.8	26.9	50.0	60.0
	Critical Thinking	90.2	57.7	75.0	100.0
	Reading Comprehension	75.6	57.7	55.0	66.7
	Technology Design Operation & Control	68.3	26.9	45.0	53.3
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	43.9	23.1	35.0	40.0
	Not Satisfied	4.9	7.7	10.0	0.0
	Neither	2.4	15.4	20.0	0.0
	Other	48.8	53.8	35.0	60.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	0.0	5.9	0.0
	36 or More	100.0	100.0	94.1	100.0
Full- and Part-Time Status	Full-Time	100.0	100.0	75.0	80.0
	Part-Time	0.0	0.0	0.0	0.0
	Temp/Substitute	0.0	0.0	25.0	20.0
	Unknown	0.0	0.0	0.0	0.0
Gender	Female	9.8	38.5	5.0	13.3
	Male	80.5	57.7	85.0	73.3
	Nonresident^b	9.8	3.8	10.0	13.3
Age Group	19 and Younger	2.4	0.0	10.0	0.0
	20-24	12.2	11.5	25.0	20.0
	25-34	43.9	46.2	35.0	13.3
	35-44	9.8	15.4	10.0	26.7
	45-54	12.2	11.5	10.0	6.7
	55-64	9.8	11.5	0.0	20.0
	65 and Older	0.0	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	95.1	88.5	80.0	73.3

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

^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, 12/8/2016.

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Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2015*

SOC ^a Code		47-1011	47-5013	47-5012	11-1021
Occupation		First-Line Supervisors/Mgrs. of Construction Trades and Extraction Workers	Service Unit Operators, Oil, Gas, and Mining	Rotary Drill Operators, Oil and Gas	General and Operations Managers
Typical Education		High school diploma or equivalent	Less than high school	Less than high school	Bachelor's degree
	N	178	178	167	143
	Average Hourly Wage (\$)	34.62	19.04	20.23	64.90
	% Paid Piece Rate	0.0	0.0	64.3	0.0
% Offered Selected Benefits	Health Insurance	86.7	80.0	100.0	100.0
	Retirement	53.3	80.0	100.0	91.7
	Paid Leave	60.0	60.0	85.7	83.3
Wait Time for Benefits	Yes	53.3	73.3	71.4	50.0
	No	33.3	6.7	14.3	41.7
	Unknown	13.3	20.0	14.3	8.3
Skills Selected as "Important" (%)	Service Orientation	66.7	80.0	7.1	58.3
	Critical Thinking	100.0	86.7	71.4	100.0
	Reading Comprehension	86.7	73.3	21.4	91.7
	Technology Design	86.7	20.0	100.0	66.7
	Operation & Control	100.0	93.3	100.0	58.3
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	46.7	20.0	21.4	33.3
	Not Satisfied	13.3	0.0	0.0	0.0
	Neither	0.0	6.7	0.0	25.0
	Other	40.0	73.3	78.6	41.7
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	27.3	0.0	0.0
	36 or More	100.0	72.7	100.0	100.0
Full- and Part-Time Status	Full-Time	100.0	86.7	100.0	91.7
	Part-Time	0.0	13.3	0.0	0.0
	Temp/Substitute	0.0	0.0	0.0	0.0
	Unknown	0.0	0.0	0.0	8.3
Gender	Female	6.7	6.7	28.6	16.7
	Male	86.7	73.3	64.3	75.0
	Nonresident^b	6.7	20.0	7.1	8.3
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	6.7	13.3	21.4	8.3
	25-34	53.3	46.7	28.6	25.0
	35-44	20.0	13.3	28.6	16.7
	45-54	6.7	0.0	14.3	25.0
	55-64	6.7	6.7	0.0	16.7
	65 and Older	0.0	0.0	0.0	0.0
	Nonresident	6.7	20.0	7.1	8.3
Turnover	% Still Working 1 Quarter After Hire	66.7	100.0	92.9	91.7

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

^aStandard Occupational Classification.^bNonresidents are individuals for whom demographic data are not available.

Source: Wyoming New Hires Job Skills Survey.

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SOC ^a Code		49-9041	51-9061	17-2171	51-4121
Occupation		Industrial Machinery Mechanics	Inspectors, Testers, Sorters, Samplers, and Weighers	Petroleum Engineers	Welders, Cutters, Solderers, and Brazers
Typical Education		High school diploma or equivalent	High school diploma or equivalent	Bachelor's degree	High school diploma or equivalent
	N	143	143	131	131
	Average Hourly Wage (\$)	27.86	14.00	38.46	21.00
	% Paid Piece Rate	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	83.3	66.7	100.0	63.6
	Retirement	58.3	41.7	100.0	9.1
	Paid Leave	66.7	58.3	100.0	45.5
Wait Time for Benefits	Yes	83.3	83.3	100.0	63.6
	No	0.0	0.0	0.0	0.0
	Unknown	16.7	0.0	0.0	36.4
Skills Selected as "Important" (%)	Service Orientation	58.3	91.7	72.7	100.0
	Critical Thinking	75.0	100.0	100.0	100.0
	Reading Comprehension	66.7	66.7	100.0	63.6
	Technology Design	75.0	41.7	100.0	63.6
	Operation & Control	58.3	100.0	100.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	41.7	41.7	27.3	45.5
	Not Satisfied	0.0	8.3	0.0	0.0
	Neither	8.3	8.3	0.0	0.0
	Other	50.0	41.7	72.7	54.5
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	25.0	0.0	45.5	0.0
	36 or More	75.0	100.0	54.5	100.0
Full- and Part-Time Status	Full-Time	91.7	100.0	100.0	63.6
	Part-Time	8.3	0.0	0.0	0.0
	Temp/Substitute	0.0	0.0	0.0	36.4
	Unknown	0.0	0.0	0.0	0.0
Gender	Female	0.0	25.0	9.1	18.2
	Male	83.3	75.0	72.7	54.5
	Nonresident^b	16.7	0.0	18.2	27.3
Age Group	19 and Younger	8.3	8.3	0.0	9.1
	20-24	25.0	25.0	9.1	18.2
	25-34	33.3	41.7	63.6	27.3
	35-44	8.3	16.7	0.0	18.2
	45-54	0.0	8.3	9.1	0.0
	55-64	8.3	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Nonresident	16.7	0.0	18.2	27.3
Turnover	% Still Working 1 Quarter After Hire	75.0	91.7	100.0	63.6

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

^aStandard Occupational Classification.^bNonresidents are individuals for whom demographic data are not available.

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SOC ^a Code		47-5011	53-7062	51-8092	15-1142
Occupation		Derrick Operators, Oil and Gas	Laborers and Freight, Stock, and Material Movers, Hand	Gas Plant Operators	Network and Computer Systems Admini
Typical Education		Less than high school	Less than high school	High school diploma or equivalent	Bachelor's degree
N		119	107	95	71
Average Hourly Wage (\$)		32.00	16.00	26.50	48.08
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	50.0	77.8	100.0	100.0
	Retirement	50.0	66.7	100.0	0.0
	Paid Leave	50.0	55.6	100.0	100.0
Wait Time for Benefits	Yes	50.0	66.7	50.0	0.0
	No	0.0	0.0	37.5	100.0
	Unknown	50.0	33.3	12.5	0.0
Skills Selected as "Important" (%)	Service Orientation	80.0	44.4	50.0	100.0
	Critical Thinking	100.0	66.7	62.5	100.0
	Reading Comprehension	50.0	44.4	37.5	100.0
	Technology Design	70.0	22.2	12.5	100.0
	Operation & Control	100.0	77.8	62.5	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	50.0	77.8	25.0	16.7
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	0.0	0.0	0.0
	Other	50.0	22.2	75.0	83.3
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 or More	100.0	100.0	100.0	100.0
Full- and Part-Time Status	Full-Time	100.0	77.8	100.0	100.0
	Part-Time	0.0	0.0	0.0	0.0
	Temp/Substitute	0.0	11.1	0.0	0.0
	Unknown	0.0	11.1	0.0	0.0
Gender	Female	30.0	11.1	37.5	16.7
	Male	60.0	66.7	62.5	83.3
	Nonresident^b	10.0	22.2	0.0	0.0
Age Group	19 and Younger	10.0	0.0	0.0	16.7
	20-24	10.0	11.1	37.5	16.7
	25-34	50.0	11.1	12.5	16.7
	35-44	0.0	33.3	37.5	16.7
	45-54	10.0	0.0	0.0	0.0
	55-64	10.0	22.2	12.5	33.3
	65 and Older	0.0	0.0	0.0	0.0
	Nonresident	10.0	22.2	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	60.0	88.9	100.0	66.7

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

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Mining (NAICS 21)

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2015*

SOC ^a Code	47-2061	11-9141	43-5032	49-3031
Occupation	Construction Laborers	Property, Real Estate, and Community Association Managers	Dispatchers, Except Police, Fire, and Ambulance	Bus and Truck Mechanics and Diesel Engine Specialists
Typical Education	Less than high school	High school diploma or equivalent	High school diploma or equivalent	High school diploma or equivalent
N	71	59	59	59
Average Hourly Wage (\$)	17.50	43.75	11.25	16.00
% Paid Piece Rate	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	83.3	100.0	100.0
	Retirement	16.7	100.0	20.0
	Paid Leave	66.7	100.0	100.0
Wait Time for Benefits	Yes	50.0	100.0	100.0
	No	50.0	0.0	20.0
	Unknown	0.0	0.0	0.0
Skills Selected as "Important" (%)	Service Orientation	100.0	80.0	100.0
	Critical Thinking	83.3	100.0	100.0
	Reading Comprehension	83.3	100.0	20.0
	Technology Design	16.7	0.0	40.0
	Operation & Control	83.3	100.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	50.0	20.0	20.0
	Not Satisfied	16.7	20.0	0.0
	Neither	16.7	0.0	20.0
	Other	16.7	60.0	60.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0
	21-35	0.0	0.0	0.0
	36 or More	100.0	100.0	100.0
Full- and Part-Time Status	Full-Time	100.0	100.0	100.0
	Part-Time	0.0	0.0	0.0
	Temp/Substitute	0.0	0.0	0.0
	Unknown	0.0	0.0	0.0
Gender	Female	0.0	40.0	20.0
	Male	100.0	40.0	80.0
	Nonresident^b	0.0	20.0	0.0
Age Group	19 and Younger	16.7	0.0	0.0
	20-24	66.7	0.0	60.0
	25-34	16.7	20.0	20.0
	35-44	0.0	20.0	20.0
	45-54	0.0	40.0	0.0
	55-64	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0
	Nonresident	0.0	20.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0
				80.0

*The 2015 estimates are based on an 8-quarter period from 2013Q3 to 2015Q2.

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