

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		00-0000	11-1011	11-1021	11-2022
		Total All Occupations (00-0000)	Chief Executives (11-1011)	General and Operations Managers (11-1021)	Sales Managers (11-2022)
Typical Education ^a		N/A	Bachelors	Associates	Bachelors
N		12,844	N/D	370	N/D
Average Hourly Wage (\$)		18.40	.	55.29	72.12
% Paid Piece Rate		2.4	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	70.3	100.0	85.0	100.0
	Retirement	51.9	100.0	50.0	100.0
	Paid Leave	55.3	100.0	55.0	100.0
Skills Selected as "Important" (%)	Service Orientation	59.4	0.0	80.0	100.0
	Critical Thinking	81.8	100.0	95.0	100.0
	Reading Comprehension	64.4	100.0	100.0	100.0
	Technology Design	52.7	100.0	95.0	100.0
	Operation and Control	81.4	100.0	80.0	0.0
Employers' Satisfaction with New Hires' Skills	Satisfied	61.0	100.0	65.0	100.0
	Not Satisfied	6.1	0.0	5.0	0.0
	Neither	11.0	0.0	0.0	0.0
	Other	22.0	0.0	30.0	0.0
Average Weekly Hours Worked	20 or Less	1.1	0.0	0.0	0.0
	21-35	4.0	100.0	0.0	0.0
	36 or More	94.9	0.0	100.0	100.0
Gender	Female	6.5	0.0	5.0	0.0
	Male	79.1	50.0	65.0	100.0
	Nonresident	14.4	50.0	30.0	0.0
Age Group	19 and Younger	3.7	0.0	0.0	0.0
	20-24	19.5	0.0	5.0	0.0
	25-34	30.8	0.0	50.0	0.0
	35-44	16.3	0.0	0.0	0.0
	45-54	10.5	50.0	15.0	0.0
	55-64	4.2	0.0	0.0	100.0
	65 and Older	0.4	0.0	0.0	0.0
	Unknown (Nonresident)	14.6	50.0	30.0	0.0
Turnover	% Still Working 1 Quarter After Hire	83.4	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable
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^aSource: O*Net ONline
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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		11-3011 Administrative Services Managers (11- 3011)	11-3021 Computer and Information Systems Managers (11- 3021)	11-3031 Financial Managers (11- 3031)	11-3061 Purchasing Managers (11- 3061)
Typical Education ^a		Bachelors	Bachelors	Bachelors	Bachelors
N		N/D	74	N/D	N/D
Average Hourly Wage (\$)		31.50	26.54	50.48	46.24
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	100.0	100.0	100.0
	Retirement	100.0	100.0	0.0	0.0
	Paid Leave	100.0	100.0	100.0	100.0
Skills Selected as "Important" (%)	Service Orientation	100.0	100.0	0.0	100.0
	Critical Thinking	100.0	100.0	100.0	100.0
	Reading Comprehension	100.0	100.0	100.0	100.0
	Technology Design	0.0	100.0	100.0	0.0
	Operation and Control	100.0	100.0	100.0	0.0
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	100.0	100.0	100.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	0.0	0.0	0.0
	Other	0.0	0.0	0.0	0.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	50.0	25.0	50.0	0.0
	Male	50.0	75.0	50.0	100.0
	Nonresident	0.0	0.0	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	50.0	50.0	0.0
	25-34	0.0	0.0	0.0	0.0
	35-44	50.0	25.0	50.0	0.0
	45-54	50.0	0.0	0.0	0.0
	55-64	0.0	25.0	0.0	100.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		11-9141 Property, Real Estate & Community Association Mgr (11-9141)	11-9199 Managers, All Other (11-9199)	13-1041 Compliance Officers, Except Agriculture, Construct (13-1041)	13-1071 Employment, Recruitment & Placement Specialists (13-1071)
Typical Education ^a		Post Secondary	Bachelors	Bachelors	Bachelors
N		111	N/D	N/D	N/D
Average Hourly Wage (\$)		43.75	105.77	42.55	.
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	100.0	100.0	100.0
	Retirement	66.7	0.0	100.0	100.0
	Paid Leave	100.0	100.0	100.0	100.0
Skills Selected as "Important" (%)	Service Orientation	66.7	0.0	100.0	0.0
	Critical Thinking	100.0	100.0	100.0	0.0
	Reading Comprehension	100.0	100.0	100.0	0.0
	Technology Design	0.0	0.0	50.0	0.0
	Operation and Control	66.7	100.0	50.0	0.0
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	100.0	50.0	0.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	0.0	0.0	0.0
	Other	0.0	0.0	50.0	100.0
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 or More	100.0	100.0	100.0	0.0
Gender	Female	16.7	0.0	50.0	100.0
	Male	50.0	0.0	50.0	0.0
	Nonresident	33.3	100.0	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	0.0	0.0
	25-34	16.7	0.0	50.0	100.0
	35-44	16.7	0.0	50.0	0.0
	45-54	33.3	0.0	0.0	0.0
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	33.3	100.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

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Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		13-1151 Training and Development Specialist (13-1151)	15-1121 Computer Systems Analysts (15-1121)	17-2141 Mechanical Engineers (17-2141)	17-2151 Mining and Geological Engineers, Including Mining (17-2151)
Typical Education ^a		Bachelors	Associates	Bachelors	Bachelors
N		N/D	N/D	N/D	130
Average Hourly Wage (\$)		44.37	31.25	39.23	33.65
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	100.0	100.0	71.4
	Retirement	100.0	100.0	100.0	71.4
	Paid Leave	100.0	100.0	100.0	71.4
Skills Selected as "Important" (%)	Service Orientation	100.0	0.0	100.0	57.1
	Critical Thinking	100.0	100.0	100.0	71.4
	Reading Comprehension	100.0	100.0	100.0	42.9
	Technology Design	0.0	100.0	100.0	71.4
	Operation and Control	0.0	100.0	100.0	57.1
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	0.0	0.0	71.4
	Not Satisfied	0.0	100.0	0.0	0.0
	Neither	0.0	0.0	0.0	0.0
	Other	0.0	0.0	100.0	28.6
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	28.6
	21-35	0.0	0.0	0.0	0.0
	36 or More	100.0	100.0	100.0	71.4
Gender	Female	0.0	0.0	0.0	14.3
	Male	100.0	100.0	100.0	57.1
	Nonresident	0.0	0.0	0.0	28.6
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	0.0	28.6
	25-34	0.0	0.0	100.0	28.6
	35-44	100.0	100.0	0.0	0.0
	45-54	0.0	0.0	0.0	0.0
	55-64	0.0	0.0	0.0	14.3
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	0.0	28.6
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		17-2171 Petroleum Engineers (17- 2171)	19-4041 Geological and Petroleum Technicians (19- 4041)	19-4091 Environmental Science and Protection Technicians, (19- 4091)	29-9011 Occupational Health and Safety Specialists (29- 9011)
Typical Education ^a		Bachelors	Associates	Bachelors	Bachelors
N		93	444	111	N/D
Average Hourly Wage (\$)		33.00	15.00	15.00	43.35
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	40.0	62.5	100.0	100.0
	Retirement	60.0	54.2	100.0	100.0
	Paid Leave	60.0	62.5	100.0	100.0
Skills Selected as "Important" (%)	Service Orientation	80.0	70.8	33.3	100.0
	Critical Thinking	100.0	95.8	33.3	100.0
	Reading Comprehension	100.0	66.7	100.0	100.0
	Technology Design	80.0	54.2	33.3	100.0
	Operation and Control	60.0	83.3	33.3	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	80.0	66.7	100.0	100.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	20.8	0.0	0.0
	Other	20.0	12.5	0.0	0.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	0.0	0.0	16.7	0.0
	Male	80.0	79.2	33.3	100.0
	Nonresident	20.0	20.8	50.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	60.0	29.2	0.0	0.0
	25-34	0.0	16.7	16.7	0.0
	35-44	0.0	29.2	33.3	0.0
	45-54	20.0	0.0	0.0	0.0
	55-64	0.0	4.2	0.0	100.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	20.0	20.8	50.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	87.5	0.0	100.0

Source: Research Planning, WY DWS
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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		29-9012 Occupational Health and Safety Technicians (29-9012)	37-2011 Janitors and Cleaners, Except Maids and Housekeepers (37-2011)	37-2012 Maids and Housekeeping Cleaners (37-2012)	41-3099 Sales Representatives, Services, All Other (41-3099)
Typical Education ^a		Associates	High School Diploma	High School Diploma	High School Diploma
N		56	N/D	N/D	N/D
Average Hourly Wage (\$)		24.04	10.00	15.00	28.90
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	66.7	0.0	0.0	100.0
	Retirement	66.7	0.0	0.0	100.0
	Paid Leave	66.7	0.0	0.0	100.0
Skills Selected as "Important" (%)	Service Orientation	100.0	100.0	100.0	100.0
	Critical Thinking	100.0	100.0	100.0	100.0
	Reading Comprehension	100.0	100.0	100.0	100.0
	Technology Design	66.7	0.0	100.0	100.0
	Operation and Control	66.7	0.0	100.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	0.0	100.0	0.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	100.0	0.0	0.0
	Other	0.0	0.0	0.0	100.0
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 or More	100.0	100.0	0.0	100.0
Gender	Female	0.0	50.0	0.0	0.0
	Male	100.0	50.0	50.0	100.0
	Nonresident	0.0	0.0	50.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	0.0	0.0
	25-34	100.0	0.0	0.0	0.0
	35-44	0.0	50.0	50.0	100.0
	45-54	0.0	50.0	0.0	0.0
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	50.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	0.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		41-4012 Sales Representative s, Wholesale and Manufacturing (41-4012)	43-3031 Bookkeeping, Accounting, and Auditing Clerks (43- 3031)	43-5032 Dispatchers, Except Police, Fire, and Ambulance (43- 5032)	43-9061 Office Clerks, General (43- 9061)
Typical Education ^a		Post Secondary	High School Diploma	High School Diploma	High School Diploma
N		N/D	N/D	111	241
Average Hourly Wage (\$)		.	.	19.03	13.00
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	0.0	100.0	69.2
	Retirement	100.0	0.0	66.7	7.7
	Paid Leave	100.0	0.0	83.3	61.5
Skills Selected as "Important" (%)	Service Orientation	100.0	100.0	100.0	38.5
	Critical Thinking	100.0	100.0	100.0	38.5
	Reading Comprehension	0.0	100.0	66.7	53.8
	Technology Design	100.0	100.0	100.0	23.1
	Operation and Control	100.0	100.0	100.0	7.7
Employers' Satisfaction with New Hires' Skills	Satisfied	0.0	100.0	83.3	84.6
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	0.0	16.7	15.4
	Other	100.0	0.0	0.0	0.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	0.0	0.0	23.1
	36 or More	100.0	100.0	100.0	76.9
Gender	Female	0.0	100.0	16.7	61.5
	Male	100.0	0.0	83.3	23.1
	Nonresident	0.0	0.0	0.0	15.4
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	16.7	7.7
	25-34	100.0	100.0	33.3	38.5
	35-44	0.0	0.0	33.3	23.1
	45-54	0.0	0.0	0.0	15.4
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	16.7	15.4
Turnover	% Still Working 1 Quarter After Hire	100.0	0.0	100.0	100.0

Source: Research Planning, WY DWS
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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		45-1011 First-Line Supervisors/Managers of Farming, Fishing and Forestry (45-1011)	47-1011 First-Line Supervisors/Managers of Construction Trades (47-1011)	47-2061 Construction Laborers (47-2061)	47-2073 Operating Engineers and Other Construction Equipment Operators (47-2073)
Typical Education ^a		High School Diploma	High School Diploma	High School Diploma	Post Secondary
N		N/D	407	130	426
Average Hourly Wage (\$)		20.23	32.29	17.00	18.00
% Paid Piece Rate		0.0	0.0	57.1	0.0
% Offered Selected Benefits	Health Insurance	100.0	77.3	28.6	56.5
	Retirement	100.0	59.1	14.3	47.8
	Paid Leave	0.0	95.5	28.6	52.2
Skills Selected as "Important" (%)	Service Orientation	0.0	72.7	28.6	34.8
	Critical Thinking	0.0	90.9	85.7	78.3
	Reading Comprehension	0.0	72.7	14.3	43.5
	Technology Design	0.0	81.8	71.4	34.8
	Operation and Control	0.0	90.9	100.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	0.0	72.7	100.0	65.2
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	0.0	0.0	8.7
	Other	100.0	27.3	0.0	26.1
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
Gender	Female	0.0	4.5	14.3	4.3
	Male	100.0	77.3	71.4	91.3
	Nonresident	0.0	18.2	14.3	4.3
Age Group	19 and Younger	0.0	0.0	0.0	4.3
	20-24	50.0	4.5	28.6	39.1
	25-34	0.0	40.9	28.6	21.7
	35-44	50.0	22.7	14.3	17.4
	45-54	0.0	9.1	14.3	8.7
	55-64	0.0	4.5	0.0	4.3
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	18.2	14.3	4.3
Turnover	% Still Working 1 Quarter After Hire	100.0	95.5	85.7	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

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Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		47-2111 Electricians (47-2111)	47-2132 Insulation Workers, Mechanical (47-2132)	47-2211 Sheet Metal Workers (47-2211)	47-3015 Helpers-- Pipelayers, Plumbers, Pipefitters, and St (47-3015)
Typical Education ^a		Post Secondary	Less than High School Diploma	High School Diploma	Post Secondary
N		93	N/D	N/D	N/D
Average Hourly Wage (\$)		27.52	18.00	19.00	19.00
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	0.0	0.0	100.0
	Retirement	100.0	0.0	0.0	100.0
	Paid Leave	100.0	100.0	0.0	100.0
Skills Selected as "Important" (%)	Service Orientation	40.0	100.0	0.0	0.0
	Critical Thinking	100.0	0.0	100.0	0.0
	Reading Comprehension	100.0	0.0	0.0	0.0
	Technology Design	60.0	0.0	100.0	100.0
	Operation and Control	100.0	100.0	100.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	0.0	0.0	0.0	100.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	60.0	0.0	100.0	0.0
	Other	40.0	100.0	0.0	0.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	0.0	0.0	0.0	0.0
	Male	100.0	100.0	50.0	100.0
	Nonresident	0.0	0.0	50.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	0.0	0.0
	25-34	60.0	50.0	0.0	0.0
	35-44	20.0	50.0	50.0	0.0
	45-54	20.0	0.0	0.0	100.0
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	50.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	0.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		47-5011 Derrick Operators, Oil and Gas (47-5011)	47-5012 Rotary Drill Operators, Oil and Gas (47-5012)	47-5013 Service Unit Operators, Oil, Gas, and Mining (47-5013)	47-5041 Continuous Mining Machine Operators (47-5041)
Typical Education ^a		Less than High School Diploma	Less than High School Diploma	High School Diploma	Less than High School Diploma
N		167	444	703	56
Average Hourly Wage (\$)		19.50	30.00	25.00	26.00
% Paid Piece Rate		0.0	12.5	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	54.2	89.5	0.0
	Retirement	66.7	41.7	84.2	0.0
	Paid Leave	88.9	16.7	84.2	0.0
Skills Selected as "Important" (%)	Service Orientation	33.3	75.0	39.5	0.0
	Critical Thinking	44.4	100.0	55.3	100.0
	Reading Comprehension	66.7	58.3	34.2	0.0
	Technology Design Operation and Control	44.4	41.7	31.6	0.0
Employers' Satisfaction with New Hires' Skills	Satisfied	66.7	25.0	50.0	0.0
	Not Satisfied	11.1	0.0	2.6	0.0
	Neither	0.0	37.5	0.0	0.0
	Other	22.2	37.5	47.4	100.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	0.0	0.0	2.6	0.0
	Male	88.9	79.2	86.8	66.7
	Nonresident	11.1	20.8	10.5	33.3
Age Group	19 and Younger	0.0	0.0	5.3	0.0
	20-24	22.2	12.5	15.8	0.0
	25-34	55.6	20.8	31.6	0.0
	35-44	0.0	16.7	13.2	0.0
	45-54	0.0	20.8	21.1	66.7
	55-64	11.1	8.3	2.6	0.0
	65 and Older	0.0	0.0	0.0	0.0
Unknown (Nonresident)	11.1	20.8	10.5	33.3	
Turnover	% Still Working 1 Quarter After Hire	88.9	54.2	89.5	0.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		47-5071 Roustabouts, Oil and Gas (47- 5071)	47-5081 Helpers-- Extraction Workers (47- 5081)	47-5099 Extraction Workers, All Other (47-5099)	49-2094 Electrical and Electronics Repairers, Commercial a (49-2094)
Typical Education ^a		High School Diploma	High School Diploma	High School Diploma	Associates
N		2,387	370	1,573	74
Average Hourly Wage (\$)		15.00	15.51	18.00	24.42
% Paid Piece Rate		3.1	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	51.9	55.0	74.1	100.0
	Retirement	30.2	60.0	61.2	100.0
	Paid Leave	34.9	25.0	51.8	100.0
Skills Selected as "Important" (%)	Service Orientation	61.2	35.0	56.5	100.0
	Critical Thinking	83.7	70.0	80.0	100.0
	Reading Comprehension	60.5	30.0	51.8	100.0
	Technology Design	54.3	25.0	62.4	50.0
	Operation and Control	82.2	75.0	84.7	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	53.5	35.0	51.8	100.0
	Not Satisfied	7.8	25.0	7.1	0.0
	Neither	18.6	15.0	5.9	0.0
	Other	20.2	25.0	35.3	0.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	1.8	0.0
	21-35	6.9	0.0	9.1	0.0
	36 or More	93.1	100.0	89.1	100.0
Gender	Female	5.4	0.0	4.7	0.0
	Male	82.9	90.0	80.0	75.0
	Nonresident	11.6	10.0	15.3	25.0
Age Group	19 and Younger	6.2	5.0	5.9	0.0
	20-24	25.6	25.0	20.0	0.0
	25-34	30.2	20.0	38.8	25.0
	35-44	17.1	15.0	14.1	50.0
	45-54	7.8	15.0	3.5	0.0
	55-64	0.8	10.0	2.4	0.0
	65 and Older	0.8	0.0	0.0	0.0
	Unknown (Nonresident)	11.6	10.0	15.3	25.0
Turnover	% Still Working 1 Quarter After Hire	78.3	75.0	78.8	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable
due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		49-3023	49-3031	49-3042	49-9012
		Automotive Service Technicians and Mechanics (49-3023)	Bus & Truck Mechanics & Diesel Engine Specialists (49-3031)	Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	Control and Valve Installers and Repairers, Except (49-9012)
Typical Education ^a		Post Secondary	High School Diploma	Post Secondary	High School Diploma
N		N/D	111	241	N/D
Average Hourly Wage (\$)		14.45	18.00	27.50	38.50
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	66.7	69.2	100.0
	Retirement	0.0	83.3	53.8	100.0
	Paid Leave	0.0	50.0	53.8	100.0
Skills Selected as "Important" (%)	Service Orientation	100.0	83.3	30.8	0.0
	Critical Thinking	100.0	100.0	69.2	100.0
	Reading Comprehension	100.0	100.0	61.5	100.0
	Technology Design	100.0	83.3	23.1	100.0
	Operation and Control	100.0	100.0	69.2	0.0
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	66.7	38.5	0.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	16.7	7.7	0.0
	Other	0.0	16.7	53.8	100.0
Average Weekly Hours Worked	20 or Less	0.0	25.0	0.0	0.0
	21-35	0.0	0.0	0.0	0.0
	36 or More	100.0	75.0	100.0	100.0
Gender	Female	0.0	0.0	0.0	0.0
	Male	100.0	100.0	100.0	100.0
	Nonresident	0.0	0.0	0.0	0.0
Age Group	19 and Younger	0.0	16.7	0.0	0.0
	20-24	100.0	0.0	15.4	0.0
	25-34	0.0	33.3	30.8	0.0
	35-44	0.0	0.0	30.8	100.0
	45-54	0.0	33.3	15.4	0.0
	55-64	0.0	16.7	7.7	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	66.7	92.3	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		49-9041	49-9043	49-9071	49-9096
		Industrial Machinery Mechanics (49-9041)	Maintenance Workers, Machinery (49-9043)	Maintenance and Repair Workers, Gen (49-9071)	Riggers (49-9096)
Typical Education ^a		Post Secondary	High School Diploma	Post Secondary	High School Diploma
N		296	N/D	56	74
Average Hourly Wage (\$)		18.00	16.25	13.50	19.00
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	93.8	100.0	33.3	100.0
	Retirement	62.5	100.0	33.3	0.0
	Paid Leave	75.0	100.0	33.3	100.0
Skills Selected as "Important" (%)	Service Orientation	81.3	100.0	33.3	50.0
	Critical Thinking	81.3	100.0	33.3	100.0
	Reading Comprehension	81.3	100.0	33.3	50.0
	Technology Design	62.5	100.0	0.0	50.0
	Operation and Control	100.0	0.0	33.3	50.0
Employers' Satisfaction with New Hires' Skills	Satisfied	87.5	0.0	100.0	50.0
	Not Satisfied	0.0	0.0	0.0	50.0
	Neither	0.0	0.0	0.0	0.0
	Other	12.5	100.0	0.0	0.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	0.0	0.0	33.3	0.0
	Male	75.0	100.0	66.7	100.0
	Nonresident	25.0	0.0	0.0	0.0
Age Group	19 and Younger	6.3	0.0	33.3	0.0
	20-24	25.0	100.0	33.3	25.0
	25-34	18.8	0.0	33.3	75.0
	35-44	0.0	0.0	0.0	0.0
	45-54	18.8	0.0	0.0	0.0
	55-64	6.3	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	25.0	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0	50.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		49-9099 Installation, Maintenance & Repair Workers, Other (49-9099)	51-4121 Welders, Cutters, Solderers, and Brazers (51- 4121)	51-8092 Gas Plant Operators (51- 8092)	51-9021 Crushing, Grinding, and Polishing Machine Setters, (51- 9021)
Typical Education ^a		Post Secondary	Post Secondary	High School Diploma	High School Diploma
N		56	444	56	N/D
Average Hourly Wage (\$)		15.00	20.00	26.04	18.00
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	0.0	62.5	100.0	100.0
	Retirement	0.0	29.2	100.0	100.0
	Paid Leave	0.0	41.7	100.0	100.0
Skills Selected as "Important" (%)	Service Orientation	100.0	70.8	0.0	0.0
	Critical Thinking	100.0	91.7	100.0	0.0
	Reading Comprehension	100.0	62.5	100.0	0.0
	Technology Design	33.3	66.7	100.0	100.0
	Operation and Control	100.0	87.5	100.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	100.0	87.5	66.7	100.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	0.0	4.2	0.0	0.0
	Other	0.0	8.3	33.3	0.0
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 or More	100.0	100.0	100.0	100.0
Gender	Female	33.3	16.7	0.0	0.0
	Male	66.7	75.0	100.0	50.0
	Nonresident	0.0	8.3	0.0	50.0
Age Group	19 and Younger	0.0	12.5	0.0	0.0
	20-24	33.3	25.0	0.0	0.0
	25-34	0.0	25.0	33.3	0.0
	35-44	0.0	20.8	66.7	50.0
	45-54	33.3	8.3	0.0	0.0
	55-64	33.3	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	0.0	8.3	0.0	50.0
Turnover	% Still Working 1 Quarter After Hire	100.0	66.7	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

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^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		51-9061 Inspectors, Testers, Sorters, Samplers & Weighers (51- 9061)	51-9111 Packaging & Filling Machine Operators & Tenders (51- 9111)	51-9198 Helpers-- Production Workers (51- 9198)	53-1021 First-Line Supervisors/Managers of Helpers, Laborers (53-1021)
Typical Education ^a		High School Diploma	High School Diploma	High School Diploma	High School Diploma
N		389	93	N/D	N/D
Average Hourly Wage (\$)		14.00	15.00	17.00	42.25
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	57.1	100.0	100.0	100.0
	Retirement	38.1	100.0	0.0	100.0
	Paid Leave	33.3	100.0	0.0	100.0
Skills Selected as "Important" (%)	Service Orientation	81.0	0.0	100.0	100.0
	Critical Thinking	90.5	100.0	100.0	0.0
	Reading Comprehension	76.2	100.0	0.0	100.0
	Technology Design	52.4	0.0	0.0	0.0
	Operation and Control	90.5	100.0	0.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	71.4	20.0	100.0	100.0
	Not Satisfied	9.5	0.0	0.0	0.0
	Neither	19.0	0.0	0.0	0.0
	Other	0.0	80.0	0.0	0.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	0.0	100.0	0.0
	36 or More	100.0	100.0	0.0	100.0
Gender	Female	4.8	0.0	0.0	0.0
	Male	76.2	60.0	50.0	100.0
	Nonresident	19.0	40.0	50.0	0.0
Age Group	19 and Younger	9.5	0.0	0.0	0.0
	20-24	4.8	20.0	0.0	0.0
	25-34	38.1	40.0	50.0	0.0
	35-44	23.8	0.0	0.0	0.0
	45-54	4.8	0.0	0.0	100.0
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	19.0	40.0	50.0	0.0
Turnover	% Still Working 1 Quarter After Hire	90.5	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

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^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		53-3032 Truck Drivers, Heavy and Tractor-Trailer (53-3032)	53-3033 Truck Drivers, Light or Delivery Services (53- 3033)	53-7021 Crane and Tower Operators (53- 7021)	53-7032 Excavating & Loading Machine & Dragline Operators (53- 7032)
Typical Education ^a		High School Diploma	High School Diploma	Post Secondary	High School Diploma
N		1,092	N/D	N/D	111
Average Hourly Wage (\$)		19.00	24.04	29.00	20.00
% Paid Piece Rate		10.2	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	86.4	0.0	50.0	100.0
	Retirement	52.5	0.0	50.0	33.3
	Paid Leave	52.5	0.0	50.0	100.0
Skills Selected as "Important" (%)	Service Orientation	74.6	100.0	50.0	0.0
	Critical Thinking	88.1	0.0	100.0	100.0
	Reading Comprehension	84.7	100.0	100.0	33.3
	Technology Design	45.8	0.0	50.0	0.0
	Operation and Control	96.6	100.0	100.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	61.0	0.0	50.0	100.0
	Not Satisfied	15.3	100.0	50.0	0.0
	Neither	15.3	0.0	0.0	0.0
	Other	8.5	0.0	0.0	0.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	5.0	0.0	0.0	0.0
	36 or More	95.0	100.0	100.0	100.0
Gender	Female	3.4	0.0	0.0	0.0
	Male	83.1	50.0	50.0	83.3
	Nonresident	13.6	50.0	50.0	16.7
Age Group	19 and Younger	1.7	0.0	0.0	0.0
	20-24	20.3	0.0	0.0	16.7
	25-34	30.5	50.0	50.0	33.3
	35-44	10.2	0.0	0.0	0.0
	45-54	13.6	0.0	0.0	33.3
	55-64	6.8	0.0	0.0	0.0
	65 and Older	3.4	0.0	0.0	0.0
	Unknown (Nonresident)	13.6	50.0	50.0	16.7
Turnover	% Still Working 1 Quarter After Hire	81.4	0.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

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^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

Job Characteristics		Standard Occupational Classification (SOC) Code and Occupation			
		53-7051 Industrial Truck and Tractor Operators (53- 7051)	53-7061 Cleaners of Vehicles and Equipment (53- 7061)	53-7062 Laborers & Freight, Stock & Material Movers, Hand (53-7062)	53-7072 Pump Operators, Except Wellhead Pumpers (53- 7072)
Typical Education ^a		High School Diploma	Less than High School Diploma	High School Diploma	High School Diploma
N		N/D	N/D	N/D	56
Average Hourly Wage (\$)		21.25	19.00	15.00	27.47
% Paid Piece Rate		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health Insurance	100.0	0.0	100.0	100.0
	Retirement	100.0	0.0	100.0	100.0
	Paid Leave	100.0	0.0	100.0	100.0
Skills Selected as "Important" (%)	Service Orientation	0.0	100.0	0.0	100.0
	Critical Thinking	0.0	100.0	0.0	33.3
	Reading Comprehension	0.0	100.0	100.0	100.0
	Technology Design	0.0	0.0	0.0	33.3
	Operation and Control	100.0	100.0	0.0	100.0
Employers' Satisfaction with New Hires' Skills	Satisfied	0.0	0.0	100.0	100.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	100.0	100.0	0.0	0.0
	Other	0.0	0.0	0.0	0.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	100.0	0.0	0.0
	36 or More	0.0	0.0	100.0	100.0
Gender	Female	0.0	0.0	0.0	0.0
	Male	0.0	100.0	100.0	100.0
	Nonresident	100.0	0.0	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	0.0	0.0	50.0	33.3
	25-34	0.0	0.0	50.0	66.7
	35-44	0.0	100.0	0.0	0.0
	45-54	0.0	0.0	0.0	0.0
	55-64	0.0	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresident)	100.0	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After Hire	100.0	100.0	100.0	100.0

Source: Research Planning, WY DWS
New Hires Job Skills Survey

<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not discloseable
due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>

Mining

Estimates of New Hires Job Characteristics in Wyoming for 2011Q4-2013Q3 (Two Years) by Standard Occupational Classification (SOC) Code

		Standard Occupational Classification (SOC) Code and Occupation 53-7073
		Wellhead Pumpers (53-7073)
Job Characteristics		
	Typical Education ^a	High School Diploma
	N	333
	Average Hourly Wage (\$)	24.00
	% Paid Piece Rate	0.0
% Offered Selected Benefits	Health Insurance	88.9
	Retirement	77.8
	Paid Leave	77.8
Skills Selected as "Important" (%)	Service Orientation	44.4
	Critical Thinking	100.0
	Reading Comprehension	88.9
	Technology Design	88.9
Employers' Satisfaction with New Hires' Skills	Operation and Control	66.7
	Satisfied	94.4
	Not Satisfied	5.6
	Neither	0.0
Average Weekly Hours Worked	Other	0.0
	20 or Less	20.0
	21-35	0.0
Gender	36 or More	80.0
	Female	5.6
	Male	88.9
Age Group	Nonresident	5.6
	19 and Younger	0.0
	20-24	22.2
	25-34	33.3
	35-44	11.1
	45-54	5.6
	55-64	22.2
	65 and Older	0.0
Unknown (Nonresident)	5.6	
Turnover	% Still Working 1 Quarter After Hire	94.4

Source: Research Planning, WY DWS
New Hires Job Skills Survey
<http://doe.state.wy.us/LMI/newhires.htm>

N/D = Not dicloseable
due to confidentiality.

^aSource: O*Net ONline
<http://www.onetonline.org/>