

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code				
	Total, All Occupations	Roustabouts, Oil & Gas (47-5071)	Extraction Workers, All Other (47-5099)	Truck Drivers, Heavy & Tractor-Trailer (53-3032)	
<b>Typical Education<sup>a</sup></b>	<b>N/A</b>	High School Diploma or Less	High School Diploma or Less	Postsecondary Non-Degree Award	
<b>N</b>	<b>6,690</b>	1,409	845	463	
<b>Average Hourly</b>	<b>\$19.00</b>	\$15.50	\$19.50	\$19.50	
<b>% Paid Piece</b>	<b>2.3</b>	0.0	0.0	0.0	
<b>% Offered Selected Benefits</b>	<b>Health</b>	<b>72.6</b>	54.3	82.1	82.6
	<b>Retirement</b>	<b>57.7</b>	31.4	73.8	47.8
	<b>Paid Leave</b>	<b>60.8</b>	35.7	58.3	67.4
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	<b>57.6</b>	60.7	47.6	60.9
	<b>Critical</b>	<b>80.8</b>	83.6	75.0	82.6
	<b>Reading</b>	<b>62.7</b>	56.4	58.3	54.3
	<b>Technology</b>	<b>50.5</b>	56.4	63.1	26.1
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Operation and</b>	<b>83.0</b>	90.0	85.7	84.8
	<b>Satisfied</b>	<b>35.2</b>	35.7	41.7	39.1
	<b>Not Satisfied</b>	<b>5.0</b>	7.1	4.8	13.0
	<b>Neither</b>	<b>7.1</b>	12.9	6.0	8.7
<b>Average Weekly Hours Worked</b>	<b>Other</b>	<b>52.8</b>	44.3	47.6	39.1
	<b>20 or Less</b>	<b>1.2</b>	0.0	1.9	0.0
	<b>21-35</b>	<b>5.9</b>	8.7	1.9	15.2
<b>Gender</b>	<b>36 or More</b>	<b>92.9</b>	91.3	96.3	84.8
	<b>Female</b>	<b>5.9</b>	5.0	4.8	2.2
	<b>Male</b>	<b>78.8</b>	80.7	75.0	87.0
<b>Age Group</b>	<b>Nonresident</b>	<b>15.3</b>	14.3	20.2	10.9
	<b>19 and Younger</b>	<b>3.6</b>	6.4	3.6	2.2
	<b>20-24</b>	<b>19.4</b>	25.0	19.0	19.6
	<b>25-34</b>	<b>28.0</b>	27.9	32.1	23.9
	<b>35-44</b>	<b>19.5</b>	17.1	19.0	21.7
	<b>45-54</b>	<b>9.3</b>	6.4	3.6	6.5
	<b>55-64</b>	<b>4.4</b>	2.1	2.4	13.0
	<b>65 and Older</b>	<b>0.3</b>	0.7	0.0	2.2
<b>Unknown (Nonresidents)</b>	<b>15.5</b>	14.3	20.2	10.9	
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	<b>85.0</b>	77.9	84.5	84.8

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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	Service Unit Operators, Oil, Gas, & Mining (47-5013)	Operating Engineers & Other Construction Equipme (47-2073)	Wellhead Pumpers (53-7073)	Rotary Drill Operators, Oil & Gas (47-5012)	
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	
<b>N</b>	372	302	302	252	
<b>Average Hourly</b>	\$23.08	\$19.81	\$25.00	\$20.23	
<b>% Paid Piece</b>	0.0	0.0	0.0	36.0	
<b>% Offered Selected Benefits</b>	<b>Health</b>	89.2	60.0	76.7	68.0
	<b>Retirement</b>	89.2	53.3	73.3	68.0
	<b>Paid Leave</b>	86.5	46.7	70.0	52.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	37.8	33.3	50.0	44.0
	<b>Critical Reading</b>	51.4	66.7	86.7	92.0
	<b>Technology</b>	37.8	50.0	63.3	36.0
	<b>Operation and</b>	29.7	33.3	56.7	68.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	56.8	86.7	80.0	100.0
	<b>Not Satisfied</b>	18.9	23.3	50.0	16.0
	<b>Neither</b>	0.0	0.0	3.3	0.0
	<b>Other</b>	2.7	6.7	0.0	4.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	78.4	70.0	46.7	80.0
	<b>21-35</b>	0.0	0.0	9.1	0.0
	<b>36 or More</b>	7.4	0.0	0.0	0.0
<b>Gender</b>	<b>Female</b>	92.6	100.0	90.9	100.0
	<b>Male</b>	2.7	3.3	0.0	4.0
	<b>Nonresident</b>	83.8	83.3	90.0	80.0
<b>Age Group</b>	<b>19 and Younger</b>	13.5	13.3	10.0	16.0
	<b>20-24</b>	2.7	3.3	3.3	0.0
	<b>25-34</b>	16.2	20.0	23.3	20.0
	<b>35-44</b>	29.7	33.3	33.3	16.0
	<b>45-54</b>	18.9	20.0	10.0	20.0
	<b>55-64</b>	16.2	3.3	10.0	20.0
	<b>65 and Older</b>	2.7	6.7	10.0	8.0
	<b>Unknown (Nonresidents)</b>	0.0	0.0	0.0	0.0
<b>Turnover</b>	13.5	13.3	10.0	16.0	
<b>% Still Working 1 Quarter After</b>	89.2	96.7	93.3	64.0	

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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Job Characteristics	Occupation and SOC Code				
	Welders, Cutters, Solderers, & Brazers (51-4121)	Geological & Petroleum Technicians (19-4041)	Helpers--Extraction Workers (47-5081)	General & Operations Managers (11-1021)	
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	Associates	High School Diploma or Less	Bachelors	
<b>N</b>	181	161	161	151	
<b>Average Hourly</b>	\$25.00	\$22.55	\$16.09	\$55.29	
<b>% Paid Piece</b>	0.0	6.3	0.0	0.0	
<b>% Offered Selected Benefits</b>	<b>Health</b>	72.2	81.3	62.5	100.0
	<b>Retirement</b>	27.8	68.8	56.3	80.0
	<b>Paid Leave</b>	44.4	81.3	50.0	86.7
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	77.8	68.8	50.0	80.0
	<b>Critical Reading</b>	88.9	93.8	87.5	93.3
	<b>Technology</b>	61.1	75.0	37.5	100.0
	<b>Operation and</b>	66.7	56.3	25.0	93.3
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	83.3	81.3	87.5	73.3
	<b>Not Satisfied</b>	50.0	31.3	25.0	13.3
	<b>Neither</b>	0.0	0.0	12.5	6.7
	<b>Other</b>	5.6	0.0	6.3	6.7
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	44.4	68.8	56.3	73.3
	<b>21-35</b>	0.0	0.0	0.0	0.0
	<b>36 or More</b>	100.0	100.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	11.1	0.0	0.0	0.0
	<b>Male</b>	77.8	75.0	87.5	60.0
	<b>Nonresident</b>	11.1	25.0	12.5	40.0
<b>Age Group</b>	<b>19 and Younger</b>	11.1	0.0	6.3	0.0
	<b>20-24</b>	16.7	25.0	18.8	0.0
	<b>25-34</b>	33.3	6.3	18.8	40.0
	<b>35-44</b>	22.2	43.8	12.5	0.0
	<b>45-54</b>	5.6	0.0	18.8	13.3
	<b>55-64</b>	0.0	0.0	12.5	6.7
	<b>65 and Older</b>	0.0	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	11.1	25.0	12.5	40.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	72.2	81.3	87.5	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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Job Characteristics	Occupation and SOC Code				
	Inspectors, Testers, Sorters, Samplers & Weighers (51-9061)	First-Line Supervisors/Managers of Construction Tr (47-1011)	Industrial Machinery Mechanics (49-9041)	Bus & Truck Mechanics & Diesel Engine Specialists (49-3031)	
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	
<b>N</b>	151	131	121	111	
<b>Average Hourly % Paid Piece</b>	\$14.00 0.0	\$23.00 0.0	\$18.00 0.0	\$16.25 0.0	
<b>% Offered Selected Benefits</b>	<b>Health</b>	46.7	92.3	83.3	81.8
	<b>Retirement</b>	40.0	61.5	83.3	63.6
	<b>Paid Leave</b>	33.3	69.2	91.7	72.7
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	93.3	61.5	50.0	81.8
	<b>Critical Reading</b>	86.7	100.0	66.7	100.0
	<b>Technology</b>	66.7	92.3	58.3	90.9
	<b>Operation and</b>	46.7	92.3	75.0	54.5
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	86.7	100.0	75.0	90.9
	<b>Not Satisfied</b>	46.7	46.2	58.3	36.4
	<b>Neither</b>	6.7	15.4	0.0	9.1
	<b>Other</b>	6.7	0.0	8.3	9.1
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	40.0	38.5	33.3	45.5
	<b>21-35</b>	6.7	15.4	0.0	9.1
	<b>36 or More</b>	6.7	0.0	8.3	9.1
<b>Gender</b>	<b>Female</b>	46.7	46.2	58.3	36.4
	<b>Male</b>	0.0	0.0	0.0	11.1
	<b>Nonresident</b>	100.0	100.0	88.9	88.9
<b>Age Group</b>	<b>19 and Younger</b>	6.7	7.7	0.0	0.0
	<b>20-24</b>	80.0	84.6	75.0	100.0
	<b>25-34</b>	13.3	7.7	25.0	0.0
	<b>35-44</b>	13.3	0.0	8.3	18.2
	<b>45-54</b>	6.7	0.0	25.0	9.1
	<b>55-64</b>	33.3	30.8	16.7	36.4
	<b>65 and Older</b>	26.7	46.2	8.3	9.1
	<b>Unknown (Nonresidents)</b>	6.7	7.7	16.7	18.2
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	0.0	0.0	0.0	9.1
		0.0	0.0	0.0	0.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

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<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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Job Characteristics	Occupation and SOC Code				
	Petroleum Engineers (17-2171)	Derrick Operators, Oil & Gas (47-5011)	Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	Dispatchers, Except Police, Fire, & Ambulance (43-5032)	
<b>Typical Education<sup>a</sup></b>	Bachelors	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	
<b>N</b>	101	101	91	80	
<b>Average Hourly</b>	\$33.00	\$27.00	\$30.14	\$17.02	
<b>% Paid Piece</b>	50.0	0.0	0.0	0.0	
<b>% Offered Selected Benefits</b>	<b>Health</b>	70.0	50.0	55.6	100.0
	<b>Retirement</b>	80.0	50.0	33.3	50.0
	<b>Paid Leave</b>	80.0	40.0	33.3	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	90.0	100.0	0.0	100.0
	<b>Critical Reading</b>	100.0	100.0	55.6	100.0
	<b>Technology</b>	100.0	70.0	55.6	50.0
	<b>Operation and</b>	90.0	60.0	0.0	62.5
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	80.0	100.0	55.6	100.0
	<b>Not Satisfied</b>	0.0	10.0	0.0	0.0
	<b>Neither</b>	0.0	0.0	0.0	12.5
	<b>Other</b>	60.0	40.0	88.9	62.5
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	0.0	0.0	0.0
	<b>21-35</b>	50.0	0.0	0.0	0.0
	<b>36 or More</b>	50.0	100.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	10.0	0.0	25.0
	<b>Male</b>	90.0	60.0	100.0	75.0
	<b>Nonresident</b>	10.0	30.0	0.0	0.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0	0.0
	<b>20-24</b>	30.0	10.0	11.1	50.0
	<b>25-34</b>	40.0	50.0	33.3	12.5
	<b>35-44</b>	0.0	0.0	44.4	25.0
	<b>45-54</b>	20.0	0.0	11.1	0.0
	<b>55-64</b>	0.0	10.0	0.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	10.0	30.0	0.0	12.5
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	70.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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New Hires Job Skills Survey

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<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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Job Characteristics		Occupation and SOC Code			
		Packaging & Filling Machine Operators & Tenders (51-9111)	Property, Real Estate & Community Association Mgr (11-9141)	Office Clerks, General (43-9061)	Electricians (47-2111)
Typical Education <sup>a</sup>		High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less
N		80	70	70	60
Average Hourly		\$16.72	\$43.75	\$15.00	\$28.41
% Paid Piece		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	100.0	100.0	42.9	100.0
	Retirement	100.0	71.4	14.3	100.0
	Paid Leave	100.0	100.0	28.6	100.0
Skills Selected as "Important" (%)	Service	0.0	57.1	100.0	33.3
	Critical Reading	100.0	100.0	42.9	83.3
	Technology	0.0	0.0	42.9	50.0
	Operation and	100.0	71.4	14.3	83.3
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	12.5	28.6	71.4	0.0
	Not Satisfied	0.0	14.3	0.0	0.0
	Neither	12.5	0.0	0.0	33.3
	Other	75.0	57.1	28.6	66.7
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0	0.0
	21-35	0.0	0.0	71.4	0.0
	36 or More	100.0	100.0	28.6	100.0
Gender	Female	0.0	28.6	85.7	0.0
	Male	50.0	42.9	14.3	100.0
	Nonresident	50.0	28.6	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0	0.0
	20-24	12.5	0.0	14.3	0.0
	25-34	37.5	14.3	14.3	50.0
	35-44	0.0	14.3	42.9	33.3
	45-54	0.0	42.9	14.3	16.7
	55-64	0.0	0.0	14.3	0.0
	65 and Older	0.0	0.0	0.0	0.0
	Unknown (Nonresidents)	50.0	28.6	0.0	0.0
Turnover	% Still Working 1 Quarter After	100.0	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

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	Excavating & Loading Machine & Dragline Operators (53-7032)	Mining & Geological Engineers, Including Mining (17-2151)	Gas Plant Operators (51-8092)	Computer & Information Systems Managers (11-3021)
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	Bachelors	High School Diploma or Less	Bachelors
<b>N</b>	60	50	50	40
<b>Average Hourly</b>	\$20.00	\$33.65	\$20.00	\$26.54
<b>% Paid Piece</b>	0.0	0.0	0.0	0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	100.0	60.0	100.0
	<b>Retirement</b>	33.3	60.0	100.0
	<b>Paid Leave</b>	100.0	60.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	0.0	40.0	60.0
	<b>Critical Reading</b>	100.0	60.0	100.0
	<b>Technology</b>	33.3	60.0	80.0
	<b>Operation and</b>	0.0	60.0	20.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	100.0	40.0	100.0
	<b>Not Satisfied</b>	0.0	0.0	0.0
	<b>Neither</b>	0.0	0.0	0.0
	<b>Other</b>	66.7	60.0	60.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	40.0	0.0
	<b>21-35</b>	0.0	0.0	0.0
	<b>36 or More</b>	100.0	60.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	20.0	0.0
	<b>Male</b>	100.0	40.0	100.0
	<b>Nonresident</b>	0.0	40.0	0.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0
	<b>20-24</b>	16.7	20.0	40.0
	<b>25-34</b>	33.3	40.0	0.0
	<b>35-44</b>	16.7	0.0	60.0
	<b>45-54</b>	33.3	0.0	0.0
	<b>55-64</b>	0.0	0.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	0.0	40.0	0.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

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	Computer Occupations, All Other (15-1199)	Laborers & Freight, Stock & Material Movers, Hand (53-7062)	Industrial Engineers (17-2112)	Construction Laborers (47-2061)
<b>Typical Education<sup>a</sup></b>	Bachelors	High School Diploma or Less	Bachelors	High School Diploma or Less
<b>N</b>	40	40	N/D	N/D
<b>Average Hourly</b>	\$55.29	\$15.50	\$39.00	\$16.00
<b>% Paid Piece</b>	0.0	0.0	0.0	0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	100.0	100.0	0.0
	<b>Retirement</b>	100.0	100.0	100.0
	<b>Paid Leave</b>	100.0	100.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	100.0	0.0	0.0
	<b>Critical</b>	100.0	0.0	0.0
	<b>Reading</b>	100.0	100.0	0.0
	<b>Technology</b>	100.0	0.0	0.0
	<b>Operation and</b>	100.0	50.0	0.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	25.0	50.0	0.0
	<b>Not Satisfied</b>	0.0	0.0	0.0
	<b>Neither</b>	0.0	0.0	0.0
	<b>Other</b>	75.0	50.0	100.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	0.0	0.0
	<b>21-35</b>	0.0	0.0	0.0
	<b>36 or More</b>	100.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	0.0	0.0
	<b>Male</b>	50.0	100.0	33.3
	<b>Nonresident</b>	50.0	0.0	66.7
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0
	<b>20-24</b>	0.0	50.0	0.0
	<b>25-34</b>	0.0	25.0	0.0
	<b>35-44</b>	25.0	25.0	33.3
	<b>45-54</b>	25.0	0.0	0.0
	<b>55-64</b>	0.0	0.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	50.0	0.0	66.7
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.



# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Fence Erectors (47-4031)	Electrical & Electronics Repairers, Commercial a (49-2094)	Maintenance & Repair Workers, Gen (49-9071)	Riggers (49-9096)
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	Postsecondary Non-Degree Award	High School Diploma or Less	High School Diploma or Less
<b>N</b>	N/D	N/D	N/D	N/D
<b>Average Hourly</b>	\$16.00	\$19.00	\$23.20	\$16.00
<b>% Paid Piece</b>	0.0	0.0	0.0	0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	0.0	100.0	100.0
	<b>Retirement</b>	0.0	100.0	100.0
	<b>Paid Leave</b>	66.7	100.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	66.7	100.0	100.0
	<b>Critical Reading</b>	66.7	100.0	100.0
	<b>Technology</b>	0.0	33.3	0.0
	<b>Operation and</b>	100.0	100.0	100.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	66.7	66.7	33.3
	<b>Not Satisfied</b>	0.0	0.0	0.0
	<b>Neither</b>	33.3	0.0	0.0
	<b>Other</b>	0.0	33.3	66.7
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	0.0	0.0
	<b>21-35</b>	0.0	0.0	0.0
	<b>36 or More</b>	100.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	0.0	0.0
	<b>Male</b>	100.0	66.7	100.0
	<b>Nonresident</b>	0.0	33.3	0.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0
	<b>20-24</b>	33.3	0.0	33.3
	<b>25-34</b>	33.3	33.3	33.3
	<b>35-44</b>	0.0	33.3	33.3
	<b>45-54</b>	33.3	0.0	0.0
	<b>55-64</b>	0.0	0.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	0.0	33.3	0.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Truck Drivers, Light or Delivery Services (53-3033)	Pump Operators, Except Wellhead Pumpers (53-7072)	Administrative Services Managers (11-3011)	Financial Managers (11-3031)
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	High School Diploma or Less	Bachelors	Bachelors
<b>N</b>	N/D	N/D	N/D	N/D
<b>Average Hourly</b>	\$24.04	\$27.47	\$31.50	\$50.48
<b>% Paid Piece</b>	0.0	0.0	0.0	0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	0.0	100.0	100.0
	<b>Retirement</b>	0.0	100.0	100.0
	<b>Paid Leave</b>	0.0	100.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	100.0	100.0	100.0
	<b>Critical Reading</b>	33.3	33.3	100.0
	<b>Technology</b>	100.0	100.0	100.0
	<b>Operation and</b>	0.0	33.3	0.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	100.0	100.0	100.0
	<b>Not Satisfied</b>	33.3	0.0	0.0
	<b>Neither</b>	33.3	0.0	0.0
	<b>Other</b>	0.0	33.3	50.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	33.3	0.0	0.0
	<b>21-35</b>	66.7	0.0	0.0
	<b>36 or More</b>	0.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	0.0	50.0
	<b>Male</b>	66.7	100.0	50.0
	<b>Nonresident</b>	33.3	0.0	0.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0
	<b>20-24</b>	0.0	33.3	0.0
	<b>25-34</b>	33.3	66.7	0.0
	<b>35-44</b>	0.0	0.0	50.0
	<b>45-54</b>	33.3	0.0	50.0
	<b>55-64</b>	0.0	0.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	33.3	0.0	0.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	0.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Compliance Officers, Except Agriculture, Construct (13-1041)	Environmental Science & Protection Technicians, (19-4091)	Occupational Health & Safety Specialists (29-9011)	Occupational Health & Safety Technicians (29-9012)
Typical Education <sup>a</sup>	Bachelors	Associates	Bachelors	High School Diploma or Less
N	N/D	N/D	N/D	N/D
Average Hourly	\$42.55	\$25.00	\$33.68	\$25.96
% Paid Piece	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	100.0	100.0	50.0
	Retirement	100.0	100.0	50.0
	Paid Leave	100.0	100.0	50.0
Skills Selected as "Important" (%)	Service	100.0	100.0	100.0
	Critical Reading	100.0	100.0	100.0
	Technology	50.0	100.0	100.0
	Operation and	50.0	100.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	50.0	50.0	100.0
	Not Satisfied	0.0	0.0	0.0
	Neither	0.0	0.0	0.0
	Other	50.0	50.0	0.0
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
Gender	Female	50.0	0.0	0.0
	Male	50.0	50.0	100.0
	Nonresident	0.0	50.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0
	20-24	0.0	0.0	0.0
	25-34	50.0	50.0	50.0
	35-44	50.0	0.0	0.0
	45-54	0.0	0.0	0.0
	55-64	0.0	0.0	50.0
	65 and Older	0.0	0.0	0.0
	Unknown (Nonresidents)	0.0	50.0	0.0
Turnover	% Still Working 1 Quarter After	100.0	0.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics		Occupation and SOC Code			
		Janitors & Cleaners, Except Maids & Housekeipi (37-2011)	Carpenters (47-2031)	Insulation Workers, Mechanical (47-2132)	Sheet Metal Workers (47-2211)
Typical Education <sup>a</sup>		High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less
N		N/D	N/D	N/D	N/D
Average Hourly		\$10.00	\$18.00	\$18.00	\$19.00
% Paid Piece		0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	0.0	100.0	0.0	0.0
	Retirement	0.0	0.0	0.0	0.0
	Paid Leave	0.0	0.0	100.0	0.0
Skills Selected as "Important" (%)	Service	100.0	100.0	100.0	0.0
	Critical Reading	100.0	100.0	0.0	100.0
	Technology	100.0	100.0	0.0	0.0
	Operation and	0.0	100.0	0.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	0.0	50.0	0.0	0.0
	Not Satisfied	0.0	0.0	0.0	0.0
	Neither	50.0	0.0	0.0	50.0
	Other	50.0	50.0	100.0	50.0
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	0.0	100.0	100.0
Gender	Female	50.0	0.0	0.0	0.0
	Male	50.0	50.0	100.0	50.0
	Nonresident	0.0	50.0	0.0	50.0
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	0.0	0.0	50.0	0.0
	35-44	50.0	50.0	50.0	50.0
	45-54	50.0	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 (Nonresidents)	0.0	50.0	0.0	50.0
Turnover	% Still Working 1 Quarter After	0.0	100.0	100.0	0.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Industrial Truck & Tractor Operators (53-7051)	Sales Managers (11-2022)	Managers, All Other (11-9199)	Human Resources Specialists (13-1071)
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	Bachelors	High School Diploma or Less	Bachelors
<b>N</b>	N/D	N/D	N/D	N/D
<b>Average Hourly</b>	\$17.35	\$72.12	\$105.77	.
<b>% Paid Piece</b>	0.0	0.0	0.0	0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	100.0	100.0	100.0
	<b>Retirement</b>	100.0	100.0	0.0
	<b>Paid Leave</b>	100.0	100.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	0.0	100.0	0.0
	<b>Critical Reading</b>	100.0	100.0	100.0
	<b>Technology</b>	0.0	100.0	100.0
	<b>Operation and</b>	100.0	0.0	100.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	50.0	100.0	100.0
	<b>Not Satisfied</b>	0.0	0.0	0.0
	<b>Neither</b>	0.0	0.0	0.0
	<b>Other</b>	50.0	0.0	0.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	0.0	0.0
	<b>21-35</b>	0.0	0.0	0.0
	<b>36 or More</b>	100.0	100.0	100.0
<b>Gender</b>	<b>Female</b>	0.0	0.0	0.0
	<b>Male</b>	100.0	100.0	0.0
	<b>Nonresident</b>	0.0	0.0	100.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0	0.0
	<b>20-24</b>	50.0	0.0	0.0
	<b>25-34</b>	0.0	0.0	0.0
	<b>35-44</b>	50.0	0.0	0.0
	<b>45-54</b>	0.0	0.0	0.0
	<b>55-64</b>	0.0	100.0	0.0
	<b>65 and Older</b>	0.0	0.0	0.0
	<b>Unknown (Nonresidents)</b>	0.0	0.0	100.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Training & Development Specialist (13-1151)	Accountants & Auditors (13-2011)	Computer Systems Analysts (15-1121)	Mechanical Engineers (17-2141)
Typical Education <sup>a</sup>	Bachelors	Bachelors	Bachelors	Bachelors
N	N/D	N/D	N/D	N/D
Average Hourly	\$44.37	\$16.83	\$31.25	\$39.23
% Paid Piece	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	100.0	100.0	100.0
	Retirement	100.0	100.0	100.0
	Paid Leave	100.0	100.0	100.0
Skills Selected as "Important" (%)	Service	100.0	0.0	0.0
	Critical Reading	100.0	0.0	100.0
	Technology	100.0	100.0	100.0
	Operation and	0.0	0.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	100.0	100.0	0.0
	Not Satisfied	0.0	0.0	100.0
	Neither	0.0	0.0	0.0
	Other	0.0	0.0	0.0
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
Gender	Female	0.0	100.0	0.0
	Male	100.0	0.0	100.0
	Nonresident	0.0	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0
	20-24	0.0	0.0	0.0
	25-34	0.0	0.0	0.0
	35-44	100.0	0.0	100.0
	45-54	0.0	100.0	0.0
	55-64	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0
	Unknown (Nonresidents)	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After	100.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Chemical Technicians (19-4031)	Sales Representatives, Services, All Other (41-3099)	Bookkeeping, Accounting, & Auditing Clerks (43-3031)	Helpers-- Pipelayers, Plumbers, Pipefitters, & St (47-3015)
Typical Education <sup>a</sup>	Associates	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less
N	N/D	N/D	N/D	N/D
Average Hourly	\$16.07	\$43.27	.	\$19.00
% Paid Piece	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	100.0	100.0	0.0
	Retirement	100.0	100.0	0.0
	Paid Leave	100.0	100.0	0.0
Skills Selected as "Important" (%)	Service	0.0	100.0	100.0
	Critical	100.0	100.0	100.0
	Reading	0.0	100.0	100.0
	Technology	0.0	0.0	100.0
Employer's Satisfaction with New Hires' Skills (%)	Operation and	100.0	0.0	100.0
	Satisfied	0.0	100.0	100.0
	Not Satisfied	0.0	0.0	0.0
	Neither	100.0	0.0	0.0
Average Weekly Hours Worked	Other	0.0	0.0	0.0
	20 or Less	0.0	0.0	0.0
	21-35	0.0	0.0	0.0
Gender	36 or More	100.0	0.0	100.0
	Female	0.0	0.0	100.0
	Male	100.0	100.0	0.0
Age Group	Nonresident	0.0	0.0	0.0
	19 and Younger	0.0	0.0	0.0
	20-24	100.0	0.0	0.0
	25-34	0.0	0.0	100.0
	35-44	0.0	0.0	0.0
	45-54	0.0	100.0	0.0
	55-64	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0
Unknown (Nonresidents)	0.0	0.0	0.0	
Turnover	% Still Working 1 Quarter After	100.0	100.0	0.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.

# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code			
	Automotive Service Technicians & Mechanics (49-3023)	Control & Valve Installers & Repairers, Except (49-9012)	Maintenance Workers, Machinery (49-9043)	Precision Instrument & Equipment Repairers, Other (49-9069)
Typical Education <sup>a</sup>	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less
N	N/D	N/D	N/D	N/D
Average Hourly	\$16.00	\$38.50	\$16.25	\$37.50
% Paid Piece	0.0	0.0	0.0	0.0
% Offered Selected Benefits	Health	100.0	100.0	100.0
	Retirement	100.0	100.0	100.0
	Paid Leave	0.0	100.0	100.0
Skills Selected as "Important" (%)	Service	100.0	0.0	100.0
	Critical Reading	100.0	100.0	100.0
	Technology	100.0	100.0	100.0
	Operation and	100.0	0.0	0.0
Employer's Satisfaction with New Hires' Skills (%)	Satisfied	0.0	0.0	0.0
	Not Satisfied	0.0	0.0	0.0
	Neither	0.0	0.0	0.0
	Other	100.0	100.0	100.0
Average Weekly Hours Worked	20 or Less	0.0	0.0	0.0
	21-35	0.0	0.0	0.0
	36 or More	0.0	100.0	100.0
Gender	Female	0.0	0.0	0.0
	Male	100.0	100.0	100.0
	Nonresident	0.0	0.0	0.0
Age Group	19 and Younger	0.0	0.0	0.0
	20-24	0.0	0.0	100.0
	25-34	100.0	0.0	0.0
	35-44	0.0	100.0	0.0
	45-54	0.0	0.0	0.0
	55-64	0.0	0.0	0.0
	65 and Older	0.0	0.0	0.0
	Unknown (Nonresidents)	0.0	0.0	0.0
Turnover	% Still Working 1 Quarter After	0.0	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.



# Mining

Estimates of Private Sector New Hires and New Hires Job Characteristics in Wyoming, 2014\*

Job Characteristics	Occupation and SOC Code		
	Petroleum Pump System Operators, Refinery Operator (51-8093)	First-Line Supervisors/Managers of Helpers, Labore (53-1021)	Cleaners of Vehicles & Equipment (53-7061)
<b>Typical Education<sup>a</sup></b>	High School Diploma or Less	High School Diploma or Less	High School Diploma or Less
<b>N</b>	N/D	N/D	N/D
<b>Average Hourly % Paid Piece</b>	\$21.64 0.0	\$42.25 0.0	\$17.50 0.0
<b>% Offered Selected Benefits</b>	<b>Health</b>	100.0	100.0
	<b>Retirement</b>	100.0	100.0
	<b>Paid Leave</b>	100.0	100.0
<b>Skills Selected as "Important" (%)</b>	<b>Service</b>	0.0	100.0
	<b>Critical Reading</b>	100.0	0.0
	<b>Technology</b>	100.0	100.0
	<b>Operation and</b>	0.0	0.0
<b>Employer's Satisfaction with New Hires' Skills (%)</b>	<b>Satisfied</b>	100.0	0.0
	<b>Not Satisfied</b>	0.0	0.0
	<b>Neither</b>	0.0	0.0
	<b>Other</b>	100.0	0.0
<b>Average Weekly Hours Worked</b>	<b>20 or Less</b>	0.0	0.0
	<b>21-35</b>	0.0	100.0
	<b>36 or More</b>	100.0	0.0
<b>Gender</b>	<b>Female</b>	0.0	0.0
	<b>Male</b>	0.0	100.0
	<b>Nonresident</b>	100.0	0.0
<b>Age Group</b>	<b>19 and Younger</b>	0.0	0.0
	<b>20-24</b>	0.0	0.0
	<b>25-34</b>	0.0	0.0
	<b>35-44</b>	0.0	100.0
	<b>45-54</b>	0.0	0.0
	<b>55-64</b>	0.0	100.0
	<b>65 and Older</b>	0.0	0.0
	<b>Unknown (Nonresidents)</b>	100.0	0.0
<b>Turnover</b>	<b>% Still Working 1 Quarter After</b>	100.0	100.0

\*Based on 8-quarter estimates, 2012Q3-2014Q2.

N/D = Not discloseable due to confidentiality.

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

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

<sup>a</sup>Source: U.S. Bureau of Labor Statistics.