

**In Demand Occupa**

Prepared by M. Mc

**ations in Wyoming Using Long-Term Occupational Projections, 2022-2032**

oore, Research & Planning, WY DWS, 1/31/25.

**Table: Different Scenarios for In-Demand Occupations When Projected Employment, Hourly Wage, a**

<b>Minimum Number of Total Projected Annual Openings, 2022- 2032<sup>a</sup></b>	<b>Lowest Hourly Wage<sup>b</sup></b>	<b>Education Required</b>
20	\$21.07	All
20	\$25.00	All
20	\$21.07	High Skill (Postsecondary Education OR Apprenticeship)
20	\$25.00	High Skill (Postsecondary Education OR Apprenticeship)
50	\$21.07	All
50	\$25.00	All
50	\$21.07	High Skill (Postsecondary Education OR Apprenticeship)
50	\$25.00	High Skill (Postsecondary Education OR Apprenticeship)
100	\$21.07	All
100	\$25.00	All
100	\$21.07	High Skill (Postsecondary Education OR Apprenticeship)
100	\$25.00	High Skill (Postsecondary Education OR Apprenticeship)

<sup>a</sup>Source: Wyoming Long-Term Industry and Occupational Employment Projections, 2022-2032.

<sup>b</sup>Source: Occupational Employment and Wage Statistics, September 2023.

Prepared by M. Moore, Research & Planning, WY DWS, 1/31/25.

## and Education Thresholds are Changed

### Total Number of In-Demand Occupations

173
131
88
79
82
62
41
38
38
30
17
16

## In-Demand Occupations

**Table 1: Occupations with at Least 20 Projected Annual Openings and an Hourly Wage of at Least \$21**  
**Total Occupations = 173**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
49-9071	Maintenance & Repair Workers, General	447	\$23.19
41-1011	First-Line Supervisors of Retail Sales Workers	383	\$24.08
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
47-5071	Roustabouts, Oil & Gas	253	\$21.58
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	250	\$21.14
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
33-9099	Protective Service Workers, All Other	168	\$22.85
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
37-1011	First-Line Supervisors of Housekeeping & Janitorial Workers	145	\$22.41

47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
25-3021	Self-Enrichment Teachers	122	\$24.48
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	97	\$28.18
47-5013	Service Unit Operators, Oil & Gas	95	\$29.54
47-4051	Highway Maintenance Workers	94	\$22.03
13-1071	Human Resources Specialists	91	\$32.26
41-9022	Real Estate Sales Agents	89	\$34.44
43-5071	Shipping, Receiving, & Inventory Clerks	88	\$21.58
31-9091	Dental Assistants	87	\$23.10
47-2141	Painters, Construction & Maintenance	86	\$22.84
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
53-7051	Industrial Truck & Tractor Operators	80	\$26.24
41-3021	Insurance Sales Agents	77	\$31.76
33-3012	Correctional Officers & Jailers	76	\$24.87
13-2072	Loan Officers	76	\$37.60
43-4031	Court, Municipal, & License Clerks	75	\$22.17
11-9141	Property, Real Estate, & Community Association Managers	75	\$34.68
11-9051	Food Service Managers	75	\$30.43
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
29-2052	Pharmacy Technicians	70	\$21.09
19-4071	Forest & Conservation Technicians	70	\$24.71
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11

47-2051	Cement Masons & Concrete Finishers	67	\$25.71
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
11-9081	Lodging Managers	59	\$32.24
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
13-1151	Training & Development Specialists	54	\$33.40
43-4131	Loan Interviewers & Clerks	52	\$21.14
53-7081	Refuse & Recyclable Material Collectors	52	\$21.09
35-1011	Chefs & Head Cooks	52	\$29.66
33-2011	Firefighters	51	\$25.00
13-1020	Buyers & Purchasing Agents	50	\$34.40
23-2011	Paralegals & Legal Assistants	50	\$27.64
39-1014	First-line Supervisors of Entertainment & Recreation Workers, Except Gambling Services	50	\$22.95
51-9111	Packaging & Filling Machine Operators & Tenders	50	\$23.43
29-1171	Nurse Practitioners	50	\$60.05
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	46	\$40.49
51-8031	Water & Wastewater Treatment Plant & System Operators	45	\$27.81
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	45	\$43.66
43-9041	Insurance Claims & Policy Processing Clerks	45	\$21.30
51-9198	Helpers--Production Workers	44	\$23.28
29-1292	Dental Hygienists	43	\$39.28
19-2041	Environmental Scientists & Specialists, Including Health	43	\$35.08
13-1111	Management Analysts	42	\$61.64
13-1041	Compliance Officers	42	\$36.63
25-2052	Special Education Teachers, Kindergarten & Elementary School	42	\$31.30
51-8092	Gas Plant Operators	41	\$41.56
25-1199	Postsecondary Teachers, All Other	40	\$29.44
43-5031	Public Safety Telecommunicators	40	\$23.40
47-5022	Excavating & Loading Machine & Dragline Operators, Surface Mining	39	\$35.90
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	38	\$29.74

53-4022	Railroad Brake, Signal, & Switch Operators & Locomotive Firers	38	\$25.18
53-7073	Wellhead Pumpers	37	\$35.63
51-4041	Machinists	36	\$31.01
29-1123	Physical Therapists	36	\$45.29
49-9051	Electrical Power-Line Installers & Repairers	36	\$43.62
51-9011	Chemical Equipment Operators & Tenders	36	\$41.81
53-4031	Railroad Conductors & Yardmasters	36	\$36.69
53-4011	Locomotive Engineers	35	\$39.36
47-2211	Sheet Metal Workers	35	\$26.09
15-1244	Network & Computer Systems Administrators	35	\$38.61
19-4031	Chemical Technicians	34	\$27.40
49-9043	Maintenance Workers, Machinery	34	\$38.23
11-9151	Social & Community Service Managers	34	\$34.62
27-3031	Public Relations Specialists	34	\$32.77
31-2021	Physical Therapist Assistants	34	\$29.48
25-4022	Librarians & Media Collections Specialists	33	\$24.02
49-9052	Telecommunications Line Installers & Repairers	32	\$27.68
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	32	\$25.30
49-3021	Automotive Body & Related Repairers	32	\$25.40
11-9032	Education Administrators, Kindergarten through Secondary	32	\$51.29
29-1071	Physician Assistants	31	\$67.59
11-3021	Computer & Information Systems Managers	31	\$57.85
43-5052	Postal Service Mail Carriers	31	\$27.26
31-9099	Healthcare Support Workers, All Other	31	\$22.67
29-2072	Medical Records Specialists	31	\$26.33
43-6011	Executive Secretaries & Executive Administrative Assistants	31	\$25.56
43-5032	Dispatchers, Except Police, Fire, & Ambulance	31	\$23.29
11-3051	Industrial Production Managers	30	\$74.19
43-4199	Information & Record Clerks, All Other	30	\$22.63
29-1051	Pharmacists	29	\$65.70
13-1051	Cost Estimators	29	\$35.08
47-4011	Construction & Building Inspectors	29	\$30.43
29-2034	Radiologic Technologists & Technicians	29	\$35.18
25-2058	Special Education Teachers, Secondary School	28	\$32.00
33-1012	First-Line Supervisors of Police & Detectives	28	\$42.79
19-4021	Biological Technicians	28	\$21.81
41-1012	First-Line Supervisors of Non-Retail Sales Workers	27	\$43.06
29-1127	Speech-Language Pathologists	27	\$40.67
21-1022	Healthcare Social Workers	27	\$30.85
27-1024	Graphic Designers	27	\$24.26
17-3022	Civil Engineering Technologists & Technicians	27	\$25.83
43-6012	Legal Secretaries & Administrative Assistants	27	\$21.45



17-2141	Mechanical Engineers	26	\$50.71
47-2132	Insulation Workers, Mechanical	26	\$24.07
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	25	\$21.31
25-9099	Educational Instruction & Library Workers, All Other	25	\$23.89
43-4141	New Accounts Clerks	25	\$21.07
13-2020	Property Appraisers & Assessors	25	\$32.29
23-2093	Title Examiners, Abstractors, & Searchers	25	\$25.15
17-3031	Surveying & Mapping Technicians	25	\$27.11
19-1023	Zoologists & Wildlife Biologists	24	\$34.27
49-3043	Rail Car Repairers	24	\$28.56
15-1231	Computer Network Support Specialists	24	\$30.35
43-4061	Eligibility Interviewers, Government Programs	24	\$23.48
25-1071	Health Specialties Teachers, Postsecondary	24	\$39.32
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	23	\$40.56
47-2021	Brickmasons & Blockmasons	23	\$31.05
21-1023	Mental Health & Substance Abuse Social Workers	23	\$22.63
53-3052	Bus Drivers, Transit & Intercity	23	\$22.10
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	22	\$60.84
29-1122	Occupational Therapists	22	\$41.16
43-3051	Payroll & Timekeeping Clerks	22	\$24.28
47-5041	Continuous Mining Machine Operators	22	\$45.10
43-5051	Postal Service Clerks	22	\$27.38
25-2057	Special Education Teachers, Middle School	22	\$32.00
37-3013	Tree Trimmers & Pruners	21	\$21.84
49-9099	Installation, Maintenance, & Repair Workers, All Other	21	\$23.09
49-3011	Aircraft Mechanics & Service Technicians	21	\$32.65
25-9031	Instructional Coordinators	21	\$36.43
29-2055	Surgical Technologists	20	\$27.83
13-1121	Meeting, Convention, & Event Planners	20	\$26.71
27-4021	Photographers	20	\$21.33
47-5011	Derrick Operators, Oil & Gas	20	\$29.85
17-3011	Architectural & Civil Drafters	20	\$29.64
45-1011	First-Line Supervisors of Farming, Fishing, & Forestry Workers	20	\$24.59
17-2071	Electrical Engineers	20	\$53.28

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

°<Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :  
Prepared by M. Moore, Research & Planning, WY DWS, 1/31/25.

## 1.07 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
No formal education	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None

High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
No formal education	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
Postsecondary non-degree award	None	None
No formal education	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None

No formal education	None	Moderate-term OJT
Some college, no degree	None	None
Postsecondary non-degree award	None	None
High school diploma or equivalent	Less than 5 years	None
Master's degree	None	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
High school diploma or equivalent	None	Short-term OJT
No formal education	None	Short-term OJT
High school diploma or equivalent	5 years or more	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	Moderate-term OJT
Associate's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Master's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
Doctoral or pro. degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
Postsecondary non-degree award	None	Moderate-term OJT

High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Doctoral or professional degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Associate's degree	None	None
Master's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Master's degree	5 years or more	None
Master's degree	None	None
Bachelor's degree	5 years or more	None
No formal education	None	Short-term OJT
High school diploma or equivalent	None	None
Postsecondary non-degree award	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	5 years or more	None
High school diploma or equivalent	None	Short-term OJT
Doctoral or professional degree	None	None
Bachelor's degree	None	Moderate-term OJT
High school diploma or equivalent	5 years or more	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
Master's degree	None	Internship/residency
Master's degree	None	Internship/residency
Bachelor's degree	None	None
Associate's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT

Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
Associate's degree	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Doctoral or pro. degree	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Apprenticeship
Master's degree	None	Internship/residency
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	Moderate-term OJT
Master's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
No formal education	None	Moderate-term OJT
No formal education	None	Short-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Postsecondary non-degree award	None	None
Master's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
No formal education	None	Short-term OJT
Associate's degree	None	None
High school diploma or equivalent	Less than 5 years	None
Bachelor's degree	None	None

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## In-Demand Occupations

**Table 2: Occupations with at Least 20 Projected Annual Openings and an Hourly Wage of at Least \$25**  
**Total Occupations = 131**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55

37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	97	\$28.18
47-5013	Service Unit Operators, Oil & Gas	95	\$29.54
13-1071	Human Resources Specialists	91	\$32.26
41-9022	Real Estate Sales Agents	89	\$34.44
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
53-7051	Industrial Truck & Tractor Operators	80	\$26.24
41-3021	Insurance Sales Agents	77	\$31.76
13-2072	Loan Officers	76	\$37.60
11-9141	Property, Real Estate, & Community Association Managers	75	\$34.68
11-9051	Food Service Managers	75	\$30.43
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
47-2051	Cement Masons & Concrete Finishers	67	\$25.71
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
11-9081	Lodging Managers	59	\$32.24
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
35-1011	Chefs & Head Cooks	52	\$29.66
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40

29-1171	Nurse Practitioners	50	\$60.05
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	46	\$40.49
51-8031	Water & Wastewater Treatment Plant & System Operators	45	\$27.81
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	45	\$43.66
19-2041	Environmental Scientists & Specialists, Including Health	43	\$35.08
29-1292	Dental Hygienists	43	\$39.28
13-1111	Management Analysts	42	\$61.64
25-2052	Special Education Teachers, Kindergarten & Elementary School	42	\$31.30
13-1041	Compliance Officers	42	\$36.63
51-8092	Gas Plant Operators	41	\$41.56
25-1199	Postsecondary Teachers, All Other	40	\$29.44
47-5022	Excavating & Loading Machine & Dragline Operators, Surface Mining	39	\$35.90
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	38	\$29.74
53-4022	Railroad Brake, Signal, & Switch Operators & Locomotive Firers	38	\$25.18
53-7073	Wellhead Pumpers	37	\$35.63
51-4041	Machinists	36	\$31.01
29-1123	Physical Therapists	36	\$45.29
49-9051	Electrical Power-Line Installers & Repairers	36	\$43.62
51-9011	Chemical Equipment Operators & Tenders	36	\$41.81
53-4031	Railroad Conductors & Yardmasters	36	\$36.69
53-4011	Locomotive Engineers	35	\$39.36
47-2211	Sheet Metal Workers	35	\$26.09
15-1244	Network & Computer Systems Administrators	35	\$38.61
19-4031	Chemical Technicians	34	\$27.40
27-3031	Public Relations Specialists	34	\$32.77
11-9151	Social & Community Service Managers	34	\$34.62
49-9043	Maintenance Workers, Machinery	34	\$38.23
31-2021	Physical Therapist Assistants	34	\$29.48
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	32	\$25.30
49-9052	Telecommunications Line Installers & Repairers	32	\$27.68
49-3021	Automotive Body & Related Repairers	32	\$25.40
11-9032	Education Administrators, Kindergarten through Secondary	32	\$51.29
29-1071	Physician Assistants	31	\$67.59
43-5052	Postal Service Mail Carriers	31	\$27.26
11-3021	Computer & Information Systems Managers	31	\$57.85
29-2072	Medical Records Specialists	31	\$26.33



43-6011	Executive Secretaries & Executive Administrative Assistants	31	\$25.56
11-3051	Industrial Production Managers	30	\$74.19
29-1051	Pharmacists	29	\$65.70
13-1051	Cost Estimators	29	\$35.08
47-4011	Construction & Building Inspectors	29	\$30.43
29-2034	Radiologic Technologists & Technicians	29	\$35.18
25-2058	Special Education Teachers, Secondary School	28	\$32.00
33-1012	First-Line Supervisors of Police & Detectives	28	\$42.79
41-1012	First-Line Supervisors of Non-Retail Sales Workers	27	\$43.06
29-1127	Speech-Language Pathologists	27	\$40.67
21-1022	Healthcare Social Workers	27	\$30.85
17-3022	Civil Engineering Technologists & Technicians	27	\$25.83
17-2141	Mechanical Engineers	26	\$50.71
23-2093	Title Examiners, Abstractors, & Searchers	25	\$25.15
13-2020	Property Appraisers & Assessors	25	\$32.29
17-3031	Surveying & Mapping Technicians	25	\$27.11
19-1023	Zoologists & Wildlife Biologists	24	\$34.27
49-3043	Rail Car Repairers	24	\$28.56
15-1231	Computer Network Support Specialists	24	\$30.35
25-1071	Health Specialties Teachers, Postsecondary	24	\$39.32
47-2021	Brickmasons & Blockmasons	23	\$31.05
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	23	\$40.56
29-1122	Occupational Therapists	22	\$41.16
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	22	\$60.84
47-5041	Continuous Mining Machine Operators	22	\$45.10
43-5051	Postal Service Clerks	22	\$27.38
25-2057	Special Education Teachers, Middle School	22	\$32.00
49-3011	Aircraft Mechanics & Service Technicians	21	\$32.65
25-9031	Instructional Coordinators	21	\$36.43
29-2055	Surgical Technologists	20	\$27.83
13-1121	Meeting, Convention, & Event Planners	20	\$26.71
47-5011	Derrick Operators, Oil & Gas	20	\$29.85
17-3011	Architectural & Civil Drafters	20	\$29.64
17-2071	Electrical Engineers	20	\$53.28

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

Prepared by M. Moore, Research & Planning, WY DWS, 1/31/25.

## 5.00 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None

High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
No formal education	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Moderate-term OJT
Some college, no degree	None	None
Postsecondary non-degree award	None	None
Master's degree	None	None
High school diploma or equivalent	Less than 5 years	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
High school diploma or equivalent	5 years or more	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT

Master's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Doctoral or pro. degree	None	None
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
Postsecondary non-degree award	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Doctoral or professional degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
High school diploma or equivalent	None	Long-term OJT
Associate's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	None	Long-term OJT
Master's degree	5 years or more	None
Master's degree	None	None
No formal education	None	Short-term OJT
Bachelor's degree	5 years or more	None
Postsecondary non-degree award	None	None

High school diploma or equivalent	Less than 5 years	None
Bachelor's degree	5 years or more	None
Doctoral or professional degree	None	None
Bachelor's degree	None	Moderate-term OJT
High school diploma or equivalent	5 years or more	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	None
Master's degree	None	Internship/residency
Master's degree	None	Internship/residency
Associate's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	Long-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
Associate's degree	None	Moderate-term OJT
Doctoral or pro. degree	Less than 5 years	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Moderate-term OJT
Master's degree	None	None
Bachelor's degree	None	Moderate-term OJT
No formal education	None	Moderate-term OJT
No formal education	None	Short-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Master's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
No formal education	None	Short-term OJT
Associate's degree	None	None
Bachelor's degree	None	None

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## In-Demand Occupations

**Table 3: Occupations with at Least 20 Projected Annual Openings and an Hourly Wage of at Least \$21**  
**Total Occupations = 88**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
13-1071	Human Resources Specialists	91	\$32.26
31-9091	Dental Assistants	87	\$23.10
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
13-2072	Loan Officers	76	\$37.60
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
19-4071	Forest & Conservation Technicians	70	\$24.71
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20

21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
13-1151	Training & Development Specialists	54	\$33.40
33-2011	Firefighters	51	\$25.00
13-1020	Buyers & Purchasing Agents	50	\$34.40
23-2011	Paralegals & Legal Assistants	50	\$27.64
29-1171	Nurse Practitioners	50	\$60.05
29-1292	Dental Hygienists	43	\$39.28
19-2041	Environmental Scientists & Specialists, Including Health	43	\$35.08
13-1111	Management Analysts	42	\$61.64
13-1041	Compliance Officers	42	\$36.63
25-2052	Special Education Teachers, Kindergarten & Elementary School	42	\$31.30
25-1199	Postsecondary Teachers, All Other	40	\$29.44
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	38	\$29.74
29-1123	Physical Therapists	36	\$45.29
47-2211	Sheet Metal Workers	35	\$26.09
15-1244	Network & Computer Systems Administrators	35	\$38.61
19-4031	Chemical Technicians	34	\$27.40
11-9151	Social & Community Service Managers	34	\$34.62
27-3031	Public Relations Specialists	34	\$32.77
31-2021	Physical Therapist Assistants	34	\$29.48
25-4022	Librarians & Media Collections Specialists	33	\$24.02
11-9032	Education Administrators, Kindergarten through Secondary	32	\$51.29
29-1071	Physician Assistants	31	\$67.59
11-3021	Computer & Information Systems Managers	31	\$57.85
29-2072	Medical Records Specialists	31	\$26.33
11-3051	Industrial Production Managers	30	\$74.19
29-1051	Pharmacists	29	\$65.70
13-1051	Cost Estimators	29	\$35.08
29-2034	Radiologic Technologists & Technicians	29	\$35.18
25-2058	Special Education Teachers, Secondary School	28	\$32.00
19-4021	Biological Technicians	28	\$21.81
29-1127	Speech-Language Pathologists	27	\$40.67
21-1022	Healthcare Social Workers	27	\$30.85
27-1024	Graphic Designers	27	\$24.26
17-3022	Civil Engineering Technologists & Technicians	27	\$25.83

17-2141	Mechanical Engineers	26	\$50.71
47-2132	Insulation Workers, Mechanical	26	\$24.07
25-9099	Educational Instruction & Library Workers, All Other	25	\$23.89
13-2020	Property Appraisers & Assessors	25	\$32.29
19-1023	Zoologists & Wildlife Biologists	24	\$34.27
15-1231	Computer Network Support Specialists	24	\$30.35
25-1071	Health Specialties Teachers, Postsecondary	24	\$39.32
47-2021	Brickmasons & Blockmasons	23	\$31.05
21-1023	Mental Health & Substance Abuse Social Workers	23	\$22.63
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	22	\$60.84
29-1122	Occupational Therapists	22	\$41.16
25-2057	Special Education Teachers, Middle School	22	\$32.00
49-3011	Aircraft Mechanics & Service Technicians	21	\$32.65
25-9031	Instructional Coordinators	21	\$36.43
29-2055	Surgical Technologists	20	\$27.83
13-1121	Meeting, Convention, & Event Planners	20	\$26.71
17-3011	Architectural & Civil Drafters	20	\$29.64
17-2071	Electrical Engineers	20	\$53.28

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

Prepared by M. Moore, Research & Planning, WY DWS, 1/31/25.

## 1.07 that Require Some Postsecondary Education in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Some college, no degree	None	None
Postsecondary non-degree award	None	None

Master's degree	None	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	Moderate-term OJT
Associate's degree	None	None
Master's degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Doctoral or pro. degree	None	None
Postsecondary non-degree award	None	Moderate-term OJT
Doctoral or professional degree	None	None
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Associate's degree	None	None
Master's degree	None	None
Master's degree	5 years or more	None
Master's degree	None	None
Bachelor's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	5 years or more	None
Doctoral or professional degree	None	None
Bachelor's degree	None	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Master's degree	None	Internship/residency
Master's degree	None	Internship/residency
Bachelor's degree	None	None
Associate's degree	None	None

Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	Long-term OJT
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Doctoral or pro. degree	Less than 5 years	None
High school diploma or equivalent	None	Apprenticeship
Master's degree	None	Internship/residency
Bachelor's degree	None	Moderate-term OJT
Master's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Master's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None

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an apprenticeship.

High Skill <sup>d</sup>	<Bachelor <sup>e</sup>
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## In-Demand Occupations

**Table 4: Occupations with at Least 20 Projected Annual Openings and an Hourly Wage of at Least \$25**  
**Total Occupations = 79**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
13-1071	Human Resources Specialists	91	\$32.26
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
13-2072	Loan Officers	76	\$37.60
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95

49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40
29-1171	Nurse Practitioners	50	\$60.05
19-2041	Environmental Scientists & Specialists, Including Health	43	\$35.08
29-1292	Dental Hygienists	43	\$39.28
13-1111	Management Analysts	42	\$61.64
25-2052	Special Education Teachers, Kindergarten & Elementary School	42	\$31.30
13-1041	Compliance Officers	42	\$36.63
25-1199	Postsecondary Teachers, All Other	40	\$29.44
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	38	\$29.74
29-1123	Physical Therapists	36	\$45.29
47-2211	Sheet Metal Workers	35	\$26.09
15-1244	Network & Computer Systems Administrators	35	\$38.61
19-4031	Chemical Technicians	34	\$27.40
27-3031	Public Relations Specialists	34	\$32.77
11-9151	Social & Community Service Managers	34	\$34.62
31-2021	Physical Therapist Assistants	34	\$29.48
11-9032	Education Administrators, Kindergarten through Secondary	32	\$51.29
29-1071	Physician Assistants	31	\$67.59
11-3021	Computer & Information Systems Managers	31	\$57.85
29-2072	Medical Records Specialists	31	\$26.33
11-3051	Industrial Production Managers	30	\$74.19
29-1051	Pharmacists	29	\$65.70
13-1051	Cost Estimators	29	\$35.08
29-2034	Radiologic Technologists & Technicians	29	\$35.18
25-2058	Special Education Teachers, Secondary School	28	\$32.00
29-1127	Speech-Language Pathologists	27	\$40.67
21-1022	Healthcare Social Workers	27	\$30.85
17-3022	Civil Engineering Technologists & Technicians	27	\$25.83
17-2141	Mechanical Engineers	26	\$50.71
13-2020	Property Appraisers & Assessors	25	\$32.29
19-1023	Zoologists & Wildlife Biologists	24	\$34.27
15-1231	Computer Network Support Specialists	24	\$30.35
25-1071	Health Specialties Teachers, Postsecondary	24	\$39.32
47-2021	Brickmasons & Blockmasons	23	\$31.05
29-1122	Occupational Therapists	22	\$41.16

41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	22	\$60.84
25-2057	Special Education Teachers, Middle School	22	\$32.00
49-3011	Aircraft Mechanics & Service Technicians	21	\$32.65
25-9031	Instructional Coordinators	21	\$36.43
29-2055	Surgical Technologists	20	\$27.83
13-1121	Meeting, Convention, & Event Planners	20	\$26.71
17-3011	Architectural & Civil Drafters	20	\$29.64
17-2071	Electrical Engineers	20	\$53.28

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

Prepared by M. Moore, Research & Planning, WY DWS, 1/31/25.

## 5.00 that Require Some Postsecondary Education in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Some college, no degree	None	None
Postsecondary non-degree award	None	None
Master's degree	None	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None

Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Master's degree	None	None
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Doctoral or pro. degree	None	None
Postsecondary non-degree award	None	Moderate-term OJT
Doctoral or professional degree	None	None
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Associate's degree	None	None
Master's degree	5 years or more	None
Master's degree	None	None
Bachelor's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	5 years or more	None
Doctoral or professional degree	None	None
Bachelor's degree	None	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
Master's degree	None	Internship/residency
Master's degree	None	Internship/residency
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	Long-term OJT
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Doctoral or pro. degree	Less than 5 years	None
High school diploma or equivalent	None	Apprenticeship
Master's degree	None	None

Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Master's degree	5 years or more	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None

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## In-Demand Occupations

**Table 5: Occupations with at Least 50 Projected Annual Openings and an Hourly Wage of at Least \$21**  
**Total Occupations = 82**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
49-9071	Maintenance & Repair Workers, General	447	\$23.19
41-1011	First-Line Supervisors of Retail Sales Workers	383	\$24.08
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
47-5071	Roustabouts, Oil & Gas	253	\$21.58
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	250	\$21.14
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
33-9099	Protective Service Workers, All Other	168	\$22.85
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
37-1011	First-Line Supervisors of Housekeeping & Janitorial Workers	145	\$22.41

47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
25-3021	Self-Enrichment Teachers	122	\$24.48
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	97	\$28.18
47-5013	Service Unit Operators, Oil & Gas	95	\$29.54
47-4051	Highway Maintenance Workers	94	\$22.03
13-1071	Human Resources Specialists	91	\$32.26
41-9022	Real Estate Sales Agents	89	\$34.44
43-5071	Shipping, Receiving, & Inventory Clerks	88	\$21.58
31-9091	Dental Assistants	87	\$23.10
47-2141	Painters, Construction & Maintenance	86	\$22.84
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
53-7051	Industrial Truck & Tractor Operators	80	\$26.24
41-3021	Insurance Sales Agents	77	\$31.76
33-3012	Correctional Officers & Jailers	76	\$24.87
13-2072	Loan Officers	76	\$37.60
43-4031	Court, Municipal, & License Clerks	75	\$22.17
11-9141	Property, Real Estate, & Community Association Managers	75	\$34.68
11-9051	Food Service Managers	75	\$30.43
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
29-2052	Pharmacy Technicians	70	\$21.09
19-4071	Forest & Conservation Technicians	70	\$24.71
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11

47-2051	Cement Masons & Concrete Finishers	67	\$25.71
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
11-9081	Lodging Managers	59	\$32.24
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
43-4131	Loan Interviewers & Clerks	52	\$21.14
53-7081	Refuse & Recyclable Material Collectors	52	\$21.09
35-1011	Chefs & Head Cooks	52	\$29.66
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40
39-1014	First-line Supervisors of Entertainment & Recreation Workers, Except Gambling Services	50	\$22.95
51-9111	Packaging & Filling Machine Operators & Tenders	50	\$23.43
29-1171	Nurse Practitioners	50	\$60.05

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

Prepared by M. Moore, Research & Planning, WY DWS, 11/20/24.

## 1.07 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
No formal education	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None

High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
No formal education	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
Postsecondary non-degree award	None	None
No formal education	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None



No formal education	None	Moderate-term OJT
Some college, no degree	None	None
Postsecondary non-degree award	None	None
Master's degree	None	None
High school diploma or equivalent	Less than 5 years	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
High school diploma or equivalent	None	Short-term OJT
No formal education	None	Short-term OJT
High school diploma or equivalent	5 years or more	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Master's degree	None	None

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**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 6: Occupations with at Least 50 Projected Annual Openings and an Hourly Wage of at Least \$25**  
**Total Occupations = 62**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55

37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	97	\$28.18
47-5013	Service Unit Operators, Oil & Gas	95	\$29.54
13-1071	Human Resources Specialists	91	\$32.26
41-9022	Real Estate Sales Agents	89	\$34.44
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
53-7051	Industrial Truck & Tractor Operators	80	\$26.24
41-3021	Insurance Sales Agents	77	\$31.76
13-2072	Loan Officers	76	\$37.60
11-9141	Property, Real Estate, & Community Association Managers	75	\$34.68
11-9051	Food Service Managers	75	\$30.43
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
47-2051	Cement Masons & Concrete Finishers	67	\$25.71
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
11-9081	Lodging Managers	59	\$32.24
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
35-1011	Chefs & Head Cooks	52	\$29.66
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

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## 5.00 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None



High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
No formal education	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
High school diploma or equivalent	Less than 5 years	Short-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
No formal education	None	Moderate-term OJT
Some college, no degree	None	None
Postsecondary non-degree award	None	None
Master's degree	None	None
High school diploma or equivalent	Less than 5 years	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
High school diploma or equivalent	5 years or more	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT

Master's degree

None

None

AND an apprenticeship.  
an apprenticeship.

**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 7: Occupations with at Least 50 Projected Annual Openings and an Hourly Wage of at Least \$21  
Total Occupations = 41**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
13-1071	Human Resources Specialists	91	\$32.26
31-9091	Dental Assistants	87	\$23.10
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
13-2072	Loan Officers	76	\$37.60
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
19-4071	Forest & Conservation Technicians	70	\$24.71
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20

21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40
29-1171	Nurse Practitioners	50	\$60.05

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

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## 1.07 that Require Some Postsecondary Education in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Some college, no degree	None	None
Postsecondary non-degree award	None	None



Master's degree	None	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Master's degree	None	None

AND an apprenticeship.  
an apprenticeship.

**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 8: Occupations with at Least 50 Projected Annual Openings and an Hourly Wage of at Least \$25**  
**Total Occupations = 32**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39
13-1071	Human Resources Specialists	91	\$32.26
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
13-2072	Loan Officers	76	\$37.60
13-1082	Project Management Specialists	74	\$50.73
11-3031	Financial Managers	70	\$61.98
19-5011	Occupational Health & Safety Specialists	70	\$43.97
17-2051	Civil Engineers	68	\$42.34
15-1252	Software Developers	68	\$62.11
25-3041	Tutors	64	\$32.79
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
15-1232	Computer User Support Specialists	57	\$29.23
21-1021	Child, Family, & School Social Workers	55	\$25.95

49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
13-1151	Training & Development Specialists	54	\$33.40
33-2011	Firefighters	51	\$25.00
23-2011	Paralegals & Legal Assistants	50	\$27.64
13-1020	Buyers & Purchasing Agents	50	\$34.40
29-1171	Nurse Practitioners	50	\$60.05

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR a

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## 5.00 that Require Some Postsecondary Education in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Some college, no degree	None	None
Postsecondary non-degree award	None	None
Master's degree	None	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None

Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Postsecondary non-degree award	None	Long-term OJT
Associate's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Master's degree	None	None

AND an apprenticeship.

an apprenticeship.

**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 9: Occupations with at Least 100 Projected Annual Openings and an Hourly Wage of at Least \$2**  
**Total Occupations = 38**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
49-9071	Maintenance & Repair Workers, General	447	\$23.19
41-1011	First-Line Supervisors of Retail Sales Workers	383	\$24.08
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
47-5071	Roustabouts, Oil & Gas	253	\$21.58
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	250	\$21.14
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
33-9099	Protective Service Workers, All Other	168	\$22.85
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
37-1011	First-Line Supervisors of Housekeeping & Janitorial Workers	145	\$22.41

47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
25-3021	Self-Enrichment Teachers	122	\$24.48
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

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## 21.07 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
No formal education	None	Moderate-term OJT
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	Less than 5 years	None

High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None

AND an apprenticeship.  
an apprenticeship.

**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 10: Occupations with at Least 100 Projected Annual Openings and an Hourly Wage of at Least \$10.00  
Total Occupations = 30**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
47-2073	Operating Engineers & Other Construction Equipment Operators	361	\$30.68
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	320	\$38.05
47-2111	Electricians	307	\$33.00
51-4121	Welders, Cutters, Solderers, & Brazers	247	\$31.83
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
49-9041	Industrial Machinery Mechanics	201	\$36.27
49-1011	First-Line Supervisors of Mechanics, Installers, & Repairers	186	\$41.38
43-1011	First-Line Supervisors of Office & Administrative Support Workers	168	\$28.81
51-1011	First-Line Supervisors of Production & Operating Workers	165	\$44.67
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	164	\$44.62
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	162	\$34.76
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	122	\$30.65
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55



37-1012	First-Line Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers	114	\$28.50
33-3051	Police & Sheriff's Patrol Officers	111	\$30.48
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, & Travel	111	\$39.68
39-7010	Tour & Travel Guides	109	\$29.82
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR :

Prepared by M. Moore, Research & Planning, WY DWS, 11/20/24.

**\$25.00 in Wyoming**

**Typical Requirements**

<b>Education</b>	<b>Experience</b>	<b>Training</b>
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	5 years or more	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Long-term OJT
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None

High school diploma or equivalent	Less than 5 years	None
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
High school diploma or equivalent	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None

AND an apprenticeship.  
an apprenticeship.

**High Skill<sup>d</sup> < Bachelor<sup>e</sup>**

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## In-Demand Occupations

**Table 11: Occupations with at Least 100 Projected Annual Openings and an Hourly Wage of at Least \$10.00**  
**Total Occupations = 17**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
43-3031	Bookkeeping, Accounting, & Auditing Clerks	481	\$21.08
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR a

Prepared by M. Moore, Research & Planning, WY DWS, 11/20/24.

**§21.07 that Require Some Postsecondary Education in Wyoming**

**Typical Requirements**

<b>Education</b>	<b>Experience</b>	<b>Training</b>
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Some college, no degree	None	Moderate-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None

AND an apprenticeship.

an apprenticeship.





## In-Demand Occupations

**Table 12: Occupations with at Least 100 Projected Annual Openings and an Hourly Wage of at Least \$10**  
**Total Occupations = 16**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
<b>Total, All Occupations (00-0000)</b>		<b>37,947</b>	<b>\$28.13</b>
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
11-1021	General & Operations Managers	741	\$56.87
29-1141	Registered Nurses	354	\$40.82
47-2031	Carpenters	342	\$26.79
47-2111	Electricians	307	\$33.00
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
13-2011	Accountants & Auditors	211	\$38.39
13-1199	Business Operations Specialists, All Other	148	\$41.14
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
11-9199	Managers, All Other	118	\$56.28
11-9021	Construction Managers	118	\$45.59
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
11-9111	Medical & Health Services Managers	107	\$52.36
27-2022	Coaches & Scouts	100	\$30.39

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree, OR a

Prepared by M. Moore, Research & Planning, WY DWS, 11/20/24.

**\$25.00 that Require Some Postsecondary Education in Wyoming**

**Typical Requirements**

<b>Education</b>	<b>Experience</b>	<b>Training</b>
Postsecondary non-degree award	None	Short-term OJT
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Postsecondary non-degree award	None	Short-term OJT
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None

AND an apprenticeship.

an apprenticeship.



Table: Different Scenarios for In-Demand Occupations When Employment, Wage, and Education Thresholds

Scenario	Minimum Number of Total Projected Annual Openings, 2022- 2032a
Current (100 Total Projected Opening, \$21.07 Minimum Hourly Wage)	100
Lower Minimum Wage	100
Lower Number of Total Projected Openings	50
High Skill: More than a high school diploma or an apprenticeship	50
	50
	20

aSource: Wyoming Long-Term Industry and Occupational Employment Projections, 2022-2032.

bSource: Occupational Employment and Wage Statistics, September 2023.

Prepared by M. Moore, Research & Planning, WY DWS, 10/30/24.

olds are Changed  
Minimum

<b>Lowest Hourly Wage</b>	<b>Education Required</b>	<b>Total Number of In-Demand Occupations</b>
\$21.07	High school diploma	36
\$18.00	High school diploma	51
\$21.07	High school diploma	77
\$21.07	Some Postsecondary Education	34
\$21.07	Some Postsecondary Education	
\$21.07	Some Postsecondary Education	

## **Notes and Observations**

There were 173 occupations that met the criteria of at least 20 total projected annual openings and an h  
Of these, 88 were high skill occupations, meaning they required some type of post-secondary education  
Of those, 28 required more than a high school diploma but less than a bachelor's degree, OR an appreni

There were 82 occupations that met the criteria of at least 50 total projected annual openings and an h  
Of these, 41 were high skill occupations, meaning they required some type of post-secondary education  
Of those, 14 required more than a high school diploma but less than a bachelor's degree, OR an appreni

hourly wage of at least \$21.07.

1 OR an apprenticeship.

ticeship.

hourly wage of at least \$21.07.

1 OR an apprenticeship.

ticeship.

## In-Demand Occupations

**Table 1: Occupations with at Least 20 Projected Annual Openings and an Hourly Wage of at Least \$21**

SOC <sup>a</sup> Code	Occupation	Total Projected	
		Annual Openings <sup>b</sup>	Mean Hourly Wage <sup>c</sup>
33-2011	Firefighters	51	\$25.00
49-3023	Automotive Service Technicians & Mechanics	146	\$25.40
17-3022	Civil Engineering Technologists & Technicians	27	\$25.83
21-1021	Child, Family, & School Social Workers	55	\$25.95
47-2211	Sheet Metal Workers	35	\$26.09
29-2072	Medical Records Specialists	31	\$26.33
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	54	\$26.45
13-1121	Meeting, Convention, & Event Planners	20	\$26.71
47-2031	Carpenters	342	\$26.79
19-4031	Chemical Technicians	34	\$27.40
23-2011	Paralegals & Legal Assistants	50	\$27.64
29-2055	Surgical Technologists	20	\$27.83
	<b>Total, All Occupations (00-0000)</b>	<b>37,947</b>	<b>\$28.13</b>
29-2061	Licensed Practical & Licensed Vocational Nurses	61	\$28.20
13-1161	Market Research Analysts & Marketing Specialists	114	\$28.55
47-2152	Plumbers, Pipefitters, & Steamfitters	140	\$28.76
53-3032	Heavy & Tractor-Trailer Truck Drivers	862	\$29.15
15-1232	Computer User Support Specialists	57	\$29.23
25-1199	Postsecondary Teachers, All Other	40	\$29.44
31-2021	Physical Therapist Assistants	34	\$29.48
29-2010	Clinical Laboratory Technologists & Technicians	54	\$29.60
17-3011	Architectural & Civil Drafters	20	\$29.64
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	38	\$29.74
25-2012	Kindergarten Teachers, Except Special Education	54	\$30.34
15-1231	Computer Network Support Specialists	24	\$30.35
27-2022	Coaches & Scouts	100	\$30.39
25-2021	Elementary School Teachers, Except Special Education	211	\$30.76
21-1022	Healthcare Social Workers	27	\$30.85
47-2021	Brickmasons & Blockmasons	23	\$31.05
25-2052	Special Education Teachers, Kindergarten & Elementary School	42	\$31.30
25-2022	Middle School Teachers, Except Special & Career/Technical Education	83	\$31.54



21-1012	Educational, Guidance, & Career Counselors & Advisors	59	\$31.67
25-2058	Special Education Teachers, Secondary School	28	\$32.00
25-2057	Special Education Teachers, Middle School	22	\$32.00
13-1071	Human Resources Specialists	91	\$32.26
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	83	\$32.29
13-2020	Property Appraisers & Assessors	25	\$32.29
25-2031	Secondary School Teachers, Except Special & Career/Technical Education	135	\$32.39
49-3011	Aircraft Mechanics & Service Technicians	21	\$32.65
27-3031	Public Relations Specialists	34	\$32.77
25-3041	Tutors	64	\$32.79
47-2111	Electricians	307	\$33.00
13-1151	Training & Development Specialists	54	\$33.40
19-1023	Zoologists & Wildlife Biologists	24	\$34.27
13-1020	Buyers & Purchasing Agents	50	\$34.40
11-9151	Social & Community Service Managers	34	\$34.62
19-2041	Environmental Scientists & Specialists, Including Health	43	\$35.08
13-1051	Cost Estimators	29	\$35.08
29-2034	Radiologic Technologists & Technicians	29	\$35.18
25-9031	Instructional Coordinators	21	\$36.43
13-1041	Compliance Officers	42	\$36.63
13-2072	Loan Officers	76	\$37.60
13-2011	Accountants & Auditors	211	\$38.39
15-1244	Network & Computer Systems Administrators	35	\$38.61
29-1292	Dental Hygienists	43	\$39.28
25-1071	Health Specialties Teachers, Postsecondary	24	\$39.32
29-1127	Speech-Language Pathologists	27	\$40.67
29-1141	Registered Nurses	354	\$40.82
13-1199	Business Operations Specialists, All Other	148	\$41.14
29-1122	Occupational Therapists	22	\$41.16
17-2051	Civil Engineers	68	\$42.34
19-5011	Occupational Health & Safety Specialists	70	\$43.97
29-1123	Physical Therapists	36	\$45.29
11-9021	Construction Managers	118	\$45.59
17-2141	Mechanical Engineers	26	\$50.71
13-1082	Project Management Specialists	74	\$50.73
11-9032	Education Administrators, Kindergarten through Secondary	32	\$51.29
11-9111	Medical & Health Services Managers	107	\$52.36
17-2071	Electrical Engineers	20	\$53.28
11-9199	Managers, All Other	118	\$56.28
11-1021	General & Operations Managers	741	\$56.87
11-3021	Computer & Information Systems Managers	31	\$57.85
29-1171	Nurse Practitioners	50	\$60.05

41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	22	\$60.84
13-1111	Management Analysts	42	\$61.64
11-3031	Financial Managers	70	\$61.98
15-1252	Software Developers	68	\$62.11
29-1051	Pharmacists	29	\$65.70
29-1071	Physician Assistants	31	\$67.59
11-3051	Industrial Production Managers	30	\$74.19

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>Source: Wyoming Long-Term Industry Projections, 2022-2032.

<sup>c</sup>Source: Occupational Employment and Wage Statistics.

<sup>d</sup>High skill refers to occupations requiring more than a high school diploma, OR a high school diploma A

<sup>e</sup><Bachelor refers to occupations requiring postsecondary education less than a bachelor's degree.

Prepared by M. Moore, Research & Planning, WY DWS, 11/20/24.

## 1.07 in Wyoming

### Typical Requirements

Education	Experience	Training
Postsecondary non-degree award	None	Long-term OJT
Postsecondary non-degree award	None	Short-term OJT
Associate's degree	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
Postsecondary non-degree award	None	None
Postsecondary non-degree award	None	Long-term OJT
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
Associate's degree	None	Moderate-term OJT
Associate's degree	None	None
Postsecondary non-degree award	None	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
High school diploma or equivalent	None	Apprenticeship
Postsecondary non-degree award	None	Short-term OJT
Some college, no degree	None	Moderate-term OJT
Doctoral or pro. degree	None	None
Associate's degree	None	None
Bachelor's degree	None	None
Associate's degree	None	None
Postsecondary non-degree award	None	Moderate-term OJT
Bachelor's degree	None	None
Associate's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Master's degree	None	Internship/residency
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	None	None
Bachelor's degree	None	None

Master's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	Long-term OJT
Bachelor's degree	None	None
Postsecondary non-degree award	None	None
Bachelor's degree	None	None
Some college, no degree	None	None
High school diploma or equivalent	None	Apprenticeship
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	None	Moderate-term OJT
Associate's degree	None	None
Master's degree	5 years or more	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Associate's degree	None	None
Doctoral or pro. degree	Less than 5 years	None
Master's degree	None	Internship/residency
Bachelor's degree	None	None
Bachelor's degree	None	None
Master's degree	None	None
Bachelor's degree	None	None
Bachelor's degree	None	None
Doctoral or professional degree	None	None
Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	None	None
Bachelor's degree	None	None
Master's degree	5 years or more	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	None	None
Bachelor's degree	Less than 5 years	None
Bachelor's degree	5 years or more	None
Bachelor's degree	5 years or more	None
Master's degree	None	None

Bachelor's degree	None	Moderate-term OJT
Bachelor's degree	Less than 5 years	None
Bachelor's degree	5 years or more	None
Bachelor's degree	None	None
Doctoral or professional degree	None	None
Master's degree	None	None
Bachelor's degree	5 years or more	None

AND an apprenticeship.

High Skill <sup>d</sup>	<Bachelor <sup>e</sup>
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**Wyoming Long-Term Occupational Projections, 2022-2032**

Published July 2024.

SOC Level	SOC 2 Digit	SOC Code	Occupation	Mean Hourly Wage	Check	Employment	
						2022 (Base)	2032 (Proj.)
4	11	11-1011	Chief Executives	70.63	TRUE	207	200
4	11	11-1021	General & Operations	56.87	TRUE	7,221	8,466
4	11	11-2021	Marketing Managers		TRUE	154	179
4	11	11-2022	Sales Managers	74.17	TRUE	137	151
4	11	11-2032	Public Relations Manag	48.89	TRUE	24	28
4	11	11-3012	Administrative Service	55.86	TRUE	112	122
4	11	11-3013	Facilities Managers	52.08	TRUE	169	195
4	11	11-3021	Computer & Informati	57.85	TRUE	331	406
4	11	11-3031	Financial Managers	61.98	TRUE	727	891
4	11	11-3051	Industrial Production M	74.19	TRUE	382	416
4	11	11-3061	Purchasing Managers	57.92	TRUE	16	17
4	11	11-3071	Transportation, Stora	55.67	TRUE	136	152
4	11	11-3121	Human Resources Mar	55.62	TRUE	154	173
4	11	11-3131	Training & Developme	42.28	TRUE	N/D	N/D
4	11	11-9013	Farmers, Ranchers, & C	52.2	TRUE	N/D	N/D
4	11	11-9021	Construction Manager	45.59	TRUE	1,245	1,468
4	11	11-9031	Education & Childcare	27.76	TRUE	181	180
4	11	11-9032	Education Administrators, Kinderg		TRUE	399	441
4	11	11-9033	Education Administrat	58.03	TRUE	112	127
4	11	11-9039	Education Administrat	45.1	TRUE	128	140
4	11	11-9041	Architectural & Engine	70.55	TRUE	179	192
4	11	11-9051	Food Service Manager	30.43	TRUE	588	653
4	11	11-9072	Entertainment & Recre	42.34	TRUE	46	52
4	11	11-9081	Lodging Managers	32.24	TRUE	433	548
4	11	11-9111	Medical & Health Servi	52.36	TRUE	942	1,250
4	11	11-9121	Natural Sciences Mana	52.31	TRUE	147	152
4	11	11-9131	Postmasters & Mail Su	35.55	TRUE	78	75
4	11	11-9141	Property, Real Estate, I	34.68	TRUE	876	938
4	11	11-9151	Social & Community Se	34.62	TRUE	355	403
4	11	11-9161	Emergency Manageme	30.27	TRUE	48	51
4	11	11-9171	Funeral Home Manage	38.7	TRUE	37	38
4	11	11-9199	Managers, All Other	56.28	TRUE	1,420	1,532
4	13	13-1020	Buyers & Purchasing A	34.4	TRUE	556	548
4	13	13-1031	Claims Adjusters, Exar	36.2	TRUE	191	185
4	13	13-1041	Compliance Officers	36.63	TRUE	475	518
4	13	13-1051	Cost Estimators	35.08	TRUE	302	332
4	13	13-1071	Human Resources Spe	32.26	TRUE	949	1,041
4	13	13-1075	Labor Relations Specia	42.91	TRUE	108	111
4	13	13-1081	Logisticians	39.42	TRUE	87	108

4	13	13-1082	Project Management S	50.73	TRUE	798	941
4	13	13-1111	Management Analysts	61.64	TRUE	384	466
4	13	13-1121	Meeting, Convention, I	26.71	TRUE	140	166
4	13	13-1131	Fundraisers	30.99	TRUE	114	129
4	13	13-1141	Compensation, Benefit	33.11	TRUE	39	43
4	13	13-1151	Training & Developme	33.4	TRUE	513	594
4	13	13-1161	Market Research Analy	28.55	TRUE	925	1,141
4	13	13-1199	Business Operations Sp	41.14	TRUE	1,467	1,628
4	13	13-2011	Accountants & Auditor	38.39	TRUE	2,244	2,532
4	13	13-2020	Property Appraisers &	32.29	TRUE	270	290
4	13	13-2031	Budget Analysts	37.93	TRUE	112	122
4	13	13-2041	Credit Analysts	41.17	TRUE	114	132
4	13	13-2052	Personal Financial Advisors		TRUE	569	677
4	13	13-2054	Financial Risk Specialis	43.13	TRUE	N/D	N/D
4	13	13-2061	Financial Examiners	37.06	TRUE	23	29
4	13	13-2071	Credit Counselors	21.34	TRUE	36	44
4	13	13-2072	Loan Officers	37.6	TRUE	888	1,007
4	13	13-2081	Tax Examiners & Collec	28.49	TRUE	64	65
4	13	13-2082	Tax Preparers	26.23	TRUE	80	90
4	13	13-2099	Financial Specialists, Al	34.12	TRUE	64	70
4	15	15-1211	Computer Systems Ana	54.11	TRUE	164	200
4	15	15-1212	Information Security Analysts		TRUE	30	43
4	15	15-1231	Computer Network Sup	30.35	TRUE	326	347
4	15	15-1232	Computer User Support	29.23	TRUE	695	780
4	15	15-1241	Computer Network Arc	55.78	TRUE	N/D	N/D
4	15	15-1242	Database Administratc	40.15	TRUE	114	129
4	15	15-1243	Database Architects	29.71	TRUE	N/D	N/D
4	15	15-1244	Network & Computer S	38.61	TRUE	547	581
4	15	15-1251	Computer Programme	38.18	TRUE	69	65
4	15	15-1252	Software Developers	62.11	TRUE	671	928
4	15	15-1254	Web Developers	31.38	TRUE	54	68
4	15	15-1255	Web & Digital Interfac	47.58	TRUE	N/D	N/D
4	15	15-1299	Computer Occupations	40.68	TRUE	169	208
4	15	15-2041	Statisticians	52.04	TRUE	32	44
4	15	15-2051	Data Scientists	60.91	TRUE	41	66
4	17	17-1011	Architects, Except Land	55.8	TRUE	157	182
4	17	17-1012	Landscape Architects	40.05	TRUE	N/D	N/D
4	17	17-1021	Cartographers & Photc	33.08	TRUE	N/D	N/D
4	17	17-1022	Surveyors	36.04	TRUE	219	250
4	17	17-2041	Chemical Engineers	50.67	TRUE	61	63
4	17	17-2051	Civil Engineers	42.34	TRUE	894	1,019
4	17	17-2061	Computer Hardware En	55.6	TRUE	53	64
4	17	17-2071	Electrical Engineers	53.28	TRUE	308	334
4	17	17-2072	Electronics Engineers,	42.2	TRUE	111	124
4	17	17-2081	Environmental Engineer	47.57	TRUE	157	175
4	17	17-2112	Industrial Engineers	57.43	TRUE	208	254
4	17	17-2131	Materials Engineers	56.81	TRUE	16	17

4	17	17-2141	Mechanical Engineers	50.71	TRUE	281	362
4	17	17-2151	Mining & Geological En	54.78	TRUE	91	87
4	17	17-2171	Petroleum Engineers	63.8	TRUE	201	215
4	17	17-2199	Engineers, All Other	57.95	TRUE	126	137
4	17	17-3011	Architectural & Civil Dr	29.64	TRUE	185	203
4	17	17-3013	Mechanical Drafters	28.26	TRUE	97	105
4	17	17-3019	Drafters, All Other	34.75	TRUE	N/D	N/D
4	17	17-3022	Civil Engineering Techn	25.83	TRUE	271	286
4	17	17-3023	Electrical & Electronics	38.8	TRUE	153	164
4	17	17-3025	Environmental Engineer	33.01	TRUE	47	50
4	17	17-3026	Industrial Engineering	35.74	TRUE	19	24
4	17	17-3027	Mechanical Engineerin	26.48	TRUE	N/D	N/D
4	17	17-3028	Calibration Technologi	28.28	TRUE	N/D	N/D
4	17	17-3029	Engineering Technolog	39.49	TRUE	100	106
4	17	17-3031	Surveying & Mapping T	27.11	TRUE	172	202
4	19	19-1013	Soil & Plant Scientists	38.21	TRUE	16	17
4	19	19-1023	Zoologists & Wildlife B	34.27	TRUE	303	322
4	19	19-1029	Biological Scientists, Al	37.86	TRUE	159	165
4	19	19-1031	Conservation Scientist	36.13	TRUE	168	181
4	19	19-1032	Foresters	31.91	TRUE	58	59
4	19	19-2021	Atmospheric & Space S	48.92	TRUE	37	40
4	19	19-2031	Chemists	42.87	TRUE	119	139
4	19	19-2041	Environmental Scientis	35.08	TRUE	457	512
4	19	19-2042	Geoscientists, Except F	42.6	TRUE	189	214
4	19	19-2043	Hydrologists	43.72	TRUE	32	34
4	19	19-2099	Physical Scientists, All	32.45	TRUE	57	63
4	19	19-3011	Economists	41.98	TRUE	25	26
4	19	19-3022	Survey Researchers	38.02	TRUE	N/D	N/D
4	19	19-3033	Clinical & Counseling P	35.41	TRUE	89	100
4	19	19-3034	School Psychologists	44.15	TRUE	93	102
4	19	19-3039	Psychologists, All Othe	50.87	TRUE	155	170
4	19	19-3051	Urban & Regional Plan	35.41	TRUE	109	121
4	19	19-3091	Anthropologists & Arcl	33.12	TRUE	88	97
4	19	19-3099	Social Scientists & Rela	42.19	TRUE	54	57
4	19	19-4012	Agricultural Technician	30.22	TRUE	N/D	N/D
4	19	19-4021	Biological Technicians	21.81	TRUE	211	222
4	19	19-4031	Chemical Technicians	27.4	TRUE	252	284
4	19	19-4042	Environmental Science	25.78	TRUE	118	141
4	19	19-4043	Geological Technicians	34.18	TRUE	62	68
4	19	19-4044	Hydrologic Technicians	27.73	TRUE	20	21
4	19	19-4071	Forest & Conservation	24.71	TRUE	550	568
4	19	19-4092	Forensic Science Techn	30.15	TRUE	52	60
4	19	19-4099	Life, Physical, & Social	29.86	TRUE	95	103
4	19	19-5011	Occupational Health &	43.97	TRUE	518	620
4	19	19-5012	Occupational Health &	31.81	TRUE	64	70
4	21	21-1012	Educational, Guidance,	31.67	TRUE	642	741
4	21	21-1015	Rehabilitation Counsel	25.89	TRUE	85	88

4	21	21-1018	Substance Abuse, Beha	32.29	TRUE	710	883
4	21	21-1021	Child, Family, & School	25.95	TRUE	607	670
4	21	21-1022	Healthcare Social Worl	30.85	TRUE	250	289
4	21	21-1023	Mental Health & Subst	22.63	TRUE	251	292
4	21	21-1029	Social Workers, All Oth	35.85	TRUE	N/D	N/D
4	21	21-1091	Health Education Spec	30.09	TRUE	127	138
4	21	21-1092	Probation Officers & C	27.23	TRUE	166	171
4	21	21-1093	Social & Human Servic	19.25	TRUE	711	805
4	21	21-1094	Community Health Wc	24.66	TRUE	125	144
4	21	21-1099	Community & Social Se	28.4	TRUE	93	102
4	21	21-2011	Clergy	25.35	TRUE	N/D	N/D
4	23	23-1011	Lawyers		TRUE	1,249	1,459
4	23	23-1023	Judges, Magistrate Judges, & Mag		TRUE	31	34
4	23	23-2011	Paralegals & Legal Assi	27.64	TRUE	408	460
4	23	23-2093	Title Examiners, Abstra	25.15	TRUE	242	257
4	23	23-2099	Legal Support Workers	26.91	TRUE	71	84
4	25	25-1011	Business Teachers, Postsecondary		TRUE	124	145
4	25	25-1021	Computer Science Teachers, Posts		TRUE	32	36
4	25	25-1022	Mathematical Science Teachers, P		TRUE	108	122
4	25	25-1032	Engineering Teachers, Postsecond		TRUE	105	125
4	25	25-1041	Agricultural Sciences Teachers, Po		TRUE	106	122
4	25	25-1042	Biological Science Teachers, Posts		TRUE	118	140
4	25	25-1051	Atmospheric, Earth, Marine, & Spa		TRUE	39	45
4	25	25-1052	Chemistry Teachers, Postsecondar		TRUE	35	39
4	25	25-1054	Physics Teachers, Postsecondary		TRUE	26	30
4	25	25-1063	Economics Teachers, Postseconda		TRUE	36	40
4	25	25-1065	Political Science Teachers, Postsec		TRUE	37	42
4	25	25-1066	Psychology Teachers, Postseconda		TRUE	50	58
4	25	25-1071	Health Specialties Teachers, Posts		TRUE	195	255
4	25	25-1072	Nursing Instructors & Teachers, Pc		TRUE	134	173
4	25	25-1081	Education Teachers, Postsecondar		TRUE	77	87
4	25	25-1111	Criminal Justice & Law Enforceme		TRUE	44	49
4	25	25-1113	Social Work Teachers, Postsecond		TRUE	15	17
4	25	25-1121	Art, Drama, & Music Teachers, Po		TRUE	139	156
4	25	25-1122	Communications Teachers, Postse		TRUE	49	56
4	25	25-1123	English Language & Literature Tea		TRUE	88	98
4	25	25-1125	History Teachers, Postsecondary		TRUE	14	16
4	25	25-1193	Recreation & Fitness Studies Teacl		TRUE	29	33
4	25	25-1194	Career/Technical Educ	28.18	TRUE	177	193
4	25	25-1199	Postsecondary Teachers, All Other		TRUE	413	468
4	25	25-2011	Preschool Teachers, Ex	17.08	TRUE	946	1,021
4	25	25-2012	Kindergarten Teachers, Except Spe		TRUE	452	497
4	25	25-2021	Elementary School Teachers, Exce		TRUE	2,630	2,900
4	25	25-2022	Middle School Teachers, Except Sp		TRUE	1,035	1,143
4	25	25-2023	Career/Technical Education Teach		TRUE	N/D	N/D
4	25	25-2031	Secondary School Teachers, Excep		TRUE	1,797	1,988
4	25	25-2032	Career/Technical Education Teach		TRUE	222	242

4	25	25-2051	Special Education Teachers, Prescl		TRUE	106	113
4	25	25-2052	Special Education Teachers, Kinde		TRUE	532	581
4	25	25-2057	Special Education Teachers, Middl		TRUE	273	298
4	25	25-2058	Special Education Teachers, Secon		TRUE	353	386
4	25	25-3011	Adult Basic Education,	24.88	TRUE	87	82
4	25	25-3021	Self-Enrichment Teach	24.48	TRUE	873	987
4	25	25-3031	Substitute Teachers, Sl	16.9	TRUE	2,209	2,527
4	25	25-3041	Tutors	32.79	TRUE	332	375
4	25	25-3099	Teachers & Instructors, All Other		TRUE	97	105
4	25	25-4012	Curators	28.25	TRUE	85	107
4	25	25-4013	Museum Technicians &	25.86	TRUE	N/D	N/D
4	25	25-4022	Librarians & Media Col	24.02	TRUE	311	340
4	25	25-4031	Library Technicians	16.49	TRUE	269	264
4	25	25-9021	Farm & Home Manage	33.33	TRUE	103	109
4	25	25-9031	Instructional Coordinat	36.43	TRUE	214	230
4	25	25-9045	Teaching Assistants, Except Postse		TRUE	3,662	3,986
4	25	25-9099	Educational Instructio	23.89	TRUE	248	277
4	27	27-1012	Craft Artists	22.81	TRUE	74	92
4	27	27-1022	Fashion Designers		TRUE	N/D	N/D
4	27	27-1023	Floral Designers	15.9	TRUE	124	116
4	27	27-1024	Graphic Designers	24.26	TRUE	276	309
4	27	27-1025	Interior Designers		TRUE	110	130
4	27	27-1026	Merchandise Displayer	17.59	TRUE	239	269
4	27	27-2012	Producers & Directors	32.61	TRUE	91	105
4	27	27-2022	Coaches & Scouts		TRUE	608	758
4	27	27-2042	Musicians & Singers	37.79	TRUE	86	102
4	27	27-3011	Broadcast Announcers	23.89	TRUE	57	53
4	27	27-3023	News Analysts, Report	21.03	TRUE	181	167
4	27	27-3031	Public Relations Specia	32.77	TRUE	370	405
4	27	27-3041	Editors		TRUE	102	93
4	27	27-3042	Technical Writers	40.37	TRUE	N/D	N/D
4	27	27-3043	Writers & Authors		TRUE	N/D	N/D
4	27	27-3091	Interpreters & Translat	23.88	TRUE	39	41
4	27	27-3099	Media & Communicati	66.87	TRUE	N/D	N/D
4	27	27-4011	Audio & Video Technic	26.41	TRUE	53	61
4	27	27-4012	Broadcast Technicians	22.18	TRUE	60	62
4	27	27-4021	Photographers	21.33	TRUE	184	211
4	27	27-4032	Film & Video Editors	25.28	TRUE	N/D	N/D
4	27	27-4099	Media & Communicati	36.89	TRUE	24	26
4	29	29-1011	Chiropractors	30.39	TRUE	215	235
4	29	29-1021	Dentists, General	91.51	TRUE	277	289
4	29	29-1031	Dietitians & Nutritionis	35.21	TRUE	105	116
4	29	29-1041	Optometrists	56.09	TRUE	74	82
4	29	29-1051	Pharmacists	65.7	TRUE	513	598
4	29	29-1071	Physician Assistants	67.59	TRUE	359	466
4	29	29-1122	Occupational Therapis	41.16	TRUE	302	349
4	29	29-1123	Physical Therapists	45.29	TRUE	578	694

4	29	29-1124	Radiation Therapists	47.54	TRUE	16	17
4	29	29-1125	Recreational Therapist	27.69	TRUE	32	34
4	29	29-1126	Respiratory Therapists	33.5	TRUE	169	207
4	29	29-1127	Speech-Language Path	40.67	TRUE	318	397
4	29	29-1128	Exercise Physiologists	27.05	TRUE	46	53
4	29	29-1131	Veterinarians	48.99	TRUE	233	311
4	29	29-1141	Registered Nurses	40.82	TRUE	5,128	5,742
4	29	29-1151	Nurse Anesthetists	111.19	TRUE	46	56
4	29	29-1161	Nurse Midwives	46.18	TRUE	N/D	N/D
4	29	29-1171	Nurse Practitioners	60.05	TRUE	475	709
4	29	29-1181	Audiologists	48.42	TRUE	38	43
4	29	29-1211	Anesthesiologists	142.97	TRUE	102	107
4	29	29-1212	Cardiologists	242.35	TRUE	30	31
4	29	29-1214	Emergency Medicine P	126.99	TRUE	N/D	N/D
4	29	29-1215	Family Medicine Physi	147.36	TRUE	185	198
4	29	29-1216	General Internal Medic	142.87	TRUE	29	32
4	29	29-1221	Pediatricians, General	107.84	TRUE	74	76
4	29	29-1223	Psychiatrists	152.94	TRUE	41	44
4	29	29-1224	Radiologists	157.9	TRUE	36	38
4	29	29-1229	Physicians, All Other	165.02	TRUE	377	401
4	29	29-1242	Orthopedic Surgeons, Except Pedi		TRUE	65	66
4	29	29-1249	Surgeons, All Other	193.67	TRUE	105	109
4	29	29-1292	Dental Hygienists	39.28	TRUE	571	617
4	29	29-1299	Healthcare Diagnosing	46.96	TRUE	36	38
4	29	29-2010	Clinical Laboratory Tec	29.6	TRUE	676	761
4	29	29-2031	Cardiovascular Techno	35.9	TRUE	63	69
4	29	29-2032	Diagnostic Medical Sor	38.28	TRUE	82	98
4	29	29-2033	Nuclear Medicine Tech	46.18	TRUE	18	19
4	29	29-2034	Radiologic Technologis	35.18	TRUE	438	484
4	29	29-2035	Magnetic Resonance Ir	39.66	TRUE	70	79
4	29	29-2042	Emergency Medical Te	17.94	TRUE	436	478
4	29	29-2043	Paramedics	25.5	TRUE	172	187
4	29	29-2052	Pharmacy Technicians	21.09	TRUE	595	708
4	29	29-2055	Surgical Technologists	27.83	TRUE	259	298
4	29	29-2056	Veterinary Technologis	17.3	TRUE	276	375
4	29	29-2057	Ophthalmic Medical Te	17.25	TRUE	61	70
4	29	29-2061	Licensed Practical & Li	28.2	TRUE	642	732
4	29	29-2072	Medical Records Speci	26.33	TRUE	368	417
4	29	29-2081	Opticians, Dispensing	18.7	TRUE	176	190
4	29	29-2091	Orthotists & Prosthetic	39.73	TRUE	N/D	N/D
4	29	29-2099	Health Technologists &	30.68	TRUE	80	86
4	29	29-9021	Health Information Tec	36.58	TRUE	N/D	N/D
4	29	29-9091	Athletic Trainers		TRUE	63	77
4	29	29-9093	Surgical Assistants	54.04	TRUE	N/D	N/D
4	29	29-9099	Healthcare Practitione	35.91	TRUE	71	78
4	31	31-1120	Home Health & Person	16.77	TRUE	3,255	4,211
4	31	31-1131	Nursing Assistants	18.94	TRUE	2,698	3,048

4	31	31-1132	Orderlies	15.33	TRUE	N/D	N/D
4	31	31-2011	Occupational Therapy	25.83	TRUE	65	80
4	31	31-2021	Physical Therapist Assi	29.48	TRUE	178	235
4	31	31-2022	Physical Therapist Aide	15.15	TRUE	177	189
4	31	31-9011	Massage Therapists		TRUE	N/D	N/D
4	31	31-9091	Dental Assistants	23.1	TRUE	583	626
4	31	31-9092	Medical Assistants	19.82	TRUE	980	1,146
4	31	31-9093	Medical Equipment Pro	22.15	TRUE	90	100
4	31	31-9094	Medical Transcriptioni	23.92	TRUE	55	46
4	31	31-9095	Pharmacy Aides	16.55	TRUE	N/D	N/D
4	31	31-9096	Veterinary Assistants &	15.84	TRUE	193	261
4	31	31-9097	Phlebotomists	19.39	TRUE	140	156
4	31	31-9099	Healthcare Support Wo	22.67	TRUE	210	228
4	33	33-1011	First-Line Supervisors c	35.03	TRUE	87	87
4	33	33-1012	First-Line Supervisors c	42.79	TRUE	372	398
4	33	33-1021	First-Line Supervisors c	40.1	TRUE	152	164
4	33	33-1091	First-line Supervisors o	22.35	TRUE	81	94
4	33	33-1099	First-Line Supervisors c	29.71	TRUE	73	81
4	33	33-2011	Firefighters	25	TRUE	588	639
4	33	33-3011	Bailiffs	24.14	TRUE	25	26
4	33	33-3012	Correctional Officers &	24.87	TRUE	955	911
4	33	33-3021	Detectives & Criminal I	41.24	TRUE	155	162
4	33	33-3041	Parking Enforcement V	20.78	TRUE	27	28
4	33	33-3051	Police & Sheriff's Patro	30.48	TRUE	1,291	1,384
4	33	33-9011	Animal Control Worker	24.02	TRUE	37	40
4	33	33-9032	Security Guards	18.58	TRUE	962	1,103
4	33	33-9091	Crossing Guards & Flag	18.71	TRUE	124	159
4	33	33-9092	Lifeguards, Ski Patrol, &	12.46	TRUE	388	446
4	33	33-9093	Transportation Securit	25.85	TRUE	83	88
4	33	33-9094	School Bus Monitors	17.21	TRUE	277	283
4	33	33-9099	Protective Service Wor	22.85	TRUE	532	581
4	35	35-1011	Chefs & Head Cooks	29.66	TRUE	352	418
4	35	35-1012	First-Line Supervisors c	19.72	TRUE	2,496	2,864
4	35	35-2011	Cooks, Fast Food	14.46	TRUE	804	756
4	35	35-2012	Cooks, Institution & Ca	16.83	TRUE	1,526	1,695
4	35	35-2014	Cooks, Restaurant	16.68	TRUE	2,932	3,903
4	35	35-2015	Cooks, Short Order	15.99	TRUE	31	38
4	35	35-2021	Food Preparation Wor	15.7	TRUE	1,607	1,662
4	35	35-3011	Bartenders	13.36	TRUE	2,447	2,792
4	35	35-3023	Fast Food & Counter W	13.2	TRUE	6,331	7,018
4	35	35-3031	Waiters & Waitresses	14.72	TRUE	3,952	4,250
4	35	35-3041	Food Servers, Nonresta	14.94	TRUE	189	207
4	35	35-9011	Dining Room & Cafeter	12.89	TRUE	N/D	N/D
4	35	35-9021	Dishwashers	13.49	TRUE	929	1,009
4	35	35-9031	Hosts & Hostesses, Res	12.84	TRUE	704	782
4	35	35-9099	Food Preparation & Se	17.31	TRUE	N/D	N/D
4	37	37-1011	First-Line Supervisors c	22.41	TRUE	978	1,186

4	37	37-1012	First-Line Supervisors c	28.5	TRUE	874	1,041
4	37	37-2011	Janitors & Cleaners, Ex	16.73	TRUE	4,509	5,179
4	37	37-2012	Maids & Housekeeping	15.89	TRUE	3,804	4,427
4	37	37-2021	Pest Control Workers	20.06	TRUE	72	87
4	37	37-3011	Landscaping & Ground	17.66	TRUE	2,316	2,875
4	37	37-3012	Pesticide Handlers, Spr	21.31	TRUE	181	197
4	37	37-3013	Tree Trimmers & Prun	21.84	TRUE	124	157
4	37	37-3019	Grounds Maintenance	16.26	TRUE	62	63
4	39	39-1014	First-line Supervisors o	22.95	TRUE	357	432
4	39	39-1022	First-line Supervisors o	21.93	TRUE	N/D	N/D
4	39	39-2021	Animal Caretakers	15.09	TRUE	N/D	N/D
4	39	39-3031	Ushers, Lobby Attenda	13.27	TRUE	152	163
4	39	39-3091	Amusement & Recreat	12.75	TRUE	904	1,063
4	39	39-4021	Funeral Attendants	17.44	TRUE	72	72
4	39	39-4031	Morticians, Undertake	25.75	TRUE	49	49
4	39	39-5012	Hairdressers, Hairstylis	15.59	TRUE	678	719
4	39	39-5092	Manicurists & Pedicuri	16.84	TRUE	57	60
4	39	39-5094	Skincare Specialists	26.26	TRUE	39	44
4	39	39-6011	Baggage Porters & Bell	17.31	TRUE	77	98
4	39	39-6012	Concierges	19.41	TRUE	69	82
4	39	39-7010	Tour & Travel Guides	29.82	TRUE	407	521
4	39	39-9011	Childcare Workers	14.6	TRUE	1,329	1,380
4	39	39-9031	Exercise Trainers & Gro	19.88	TRUE	462	564
4	39	39-9032	Recreation Workers	15.77	TRUE	451	515
4	39	39-9041	Residential Advisors	17.24	TRUE	N/D	N/D
4	41	41-1011	First-Line Supervisors c	24.08	TRUE	3,681	3,832
4	41	41-1012	First-Line Supervisors c	43.06	TRUE	296	318
4	41	41-2011	Cashiers	13.98	TRUE	6,346	6,373
4	41	41-2021	Counter & Rental Clerk	19.79	TRUE	1,105	1,275
4	41	41-2022	Parts Salespersons	20.98	TRUE	N/D	N/D
4	41	41-2031	Retail Salespersons	16.77	TRUE	8,844	9,624
4	41	41-3011	Advertising Sales Agen	30.96	TRUE	165	156
4	41	41-3021	Insurance Sales Agents	31.76	TRUE	851	919
4	41	41-3031	Securities, Commoditie	36.4	TRUE	N/D	N/D
4	41	41-3041	Travel Agents	24.68	TRUE	N/D	N/D
4	41	41-3091	Sales Representatives i	39.68	TRUE	909	1,084
4	41	41-4011	Sales Representatives,	60.84	TRUE	206	235
4	41	41-4012	Sales Representatives,	44.62	TRUE	1,527	1,731
4	41	41-9021	Real Estate Brokers	38.76	TRUE	N/D	N/D
4	41	41-9022	Real Estate Sales Agen	34.44	TRUE	1,023	1,052
4	41	41-9099	Sales & Related Worke	19.63	TRUE	67	79
4	43	43-1011	First-Line Supervisors c	28.81	TRUE	1,681	1,733
4	43	43-2011	Switchboard Operator	17.7	TRUE	N/D	N/D
4	43	43-3011	Bill & Account Collecto	20.57	TRUE	222	229
4	43	43-3021	Billing & Posting Clerks	20.51	TRUE	578	618
4	43	43-3031	Bookkeeping, Accounti	21.08	TRUE	3,926	4,094
4	43	43-3051	Payroll & Timekeeping	24.28	TRUE	248	229



4	43	43-3061	Procurement Clerks	24.62	TRUE	108	102
4	43	43-3071	Tellers	17.62	TRUE	900	847
4	43	43-3099	Financial Clerks, All Otl	20.3	TRUE	N/D	N/D
4	43	43-4031	Court, Municipal, & Lic	22.17	TRUE	677	730
4	43	43-4051	Customer Service Repr	18.71	TRUE	1,868	1,905
4	43	43-4061	Eligibility Interviewers,	23.48	TRUE	266	273
4	43	43-4071	File Clerks	16.91	TRUE	73	66
4	43	43-4081	Hotel, Motel, & Resort	14.98	TRUE	1,517	1,749
4	43	43-4111	Interviewers, Except El	18.54	TRUE	386	355
4	43	43-4121	Library Assistants, Cler	16.3	TRUE	342	338
4	43	43-4131	Loan Interviewers & Cl	21.14	TRUE	553	600
4	43	43-4141	New Accounts Clerks	21	TRUE	302	286
4	43	43-4151	Order Clerks	20.34	TRUE	34	31
4	43	43-4161	Human Resources Assi	22.7	TRUE	76	81
4	43	43-4171	Receptionists & Inform	17.62	TRUE	1,658	1,773
4	43	43-4181	Reservation & Transpo	21.08	TRUE	123	143
4	43	43-4199	Information & Record	22.63	TRUE	245	261
4	43	43-5011	Cargo & Freight Agents		TRUE	35	42
4	43	43-5021	Couriers & Messengers	18.02	TRUE	186	208
4	43	43-5031	Public Safety Telecomr	23.4	TRUE	357	385
4	43	43-5032	Dispatchers, Except Po	23.29	TRUE	266	306
4	43	43-5041	Meter Readers, Utilitie	29.64	TRUE	34	31
4	43	43-5051	Postal Service Clerks	27.38	TRUE	275	263
4	43	43-5052	Postal Service Mail Car	27.26	TRUE	457	434
4	43	43-5053	Postal Service Mail Sor	27.44	TRUE	150	136
4	43	43-5061	Production, Planning, &	30.66	TRUE	153	169
4	43	43-5071	Shipping, Receiving, &	21.58	TRUE	824	860
4	43	43-5111	Weighers, Measurers,	22.91	TRUE	99	120
4	43	43-6011	Executive Secretaries &	25.56	TRUE	430	344
4	43	43-6012	Legal Secretaries & Ad	21.45	TRUE	295	252
4	43	43-6013	Medical Secretaries &	19.9	TRUE	1,069	1,178
4	43	43-6014	Secretaries & Administ	21.14	TRUE	2,433	2,308
4	43	43-9021	Data Entry Keyers	18.5	TRUE	116	101
4	43	43-9041	Insurance Claims & Pol	21.3	TRUE	533	510
4	43	43-9051	Mail Clerks & Mail Mac	16.28	TRUE	177	196
4	43	43-9061	Office Clerks, General	20.49	TRUE	7,092	7,291
4	43	43-9071	Office Machine Operat	13.25	TRUE	22	23
4	43	43-9081	Proofreaders & Copy M	19.25	TRUE	N/D	N/D
4	43	43-9199	Office & Administrative	23.79	TRUE	64	61
4	45	45-1011	First-Line Supervisors c	24.59	TRUE	122	144
4	45	45-2011	Agricultural Inspectors	15.84	TRUE	116	118
4	45	45-2091	Agricultural Equipmen	23.97	TRUE	N/D	N/D
4	45	45-2092	Farmworkers & Labore	17.96	TRUE	488	562
4	45	45-2093	Farmworkers, Farm, Ra	17.55	TRUE	1,106	1,220
4	45	45-4022	Logging Equipment Op	25.17	TRUE	43	44
4	47	47-1011	First-Line Supervisors c	38.05	TRUE	3,252	3,710
4	47	47-2011	Boilermakers	39.07	TRUE	56	62

4	47 47-2021	Brickmasons & Blockm	31.05	TRUE	212	257
4	47 47-2022	Stonemasons	20.64	TRUE	33	35
4	47 47-2031	Carpenters	26.79	TRUE	3,434	3,865
4	47 47-2041	Carpet Installers	25.34	TRUE	107	119
4	47 47-2044	Tile & Stone Setters	24.64	TRUE	134	173
4	47 47-2051	Cement Masons & Con	25.71	TRUE	720	820
4	47 47-2061	Construction Laborers	20.45	TRUE	3,976	4,788
4	47 47-2071	Paving, Surfacing, & Ta	27.62	TRUE	62	72
4	47 47-2072	Pile Driver Operators	26.24	TRUE	68	79
4	47 47-2073	Operating Engineers &	30.68	TRUE	3,914	4,154
4	47 47-2081	Drywall & Ceiling Tile I	23.26	TRUE	176	213
4	47 47-2111	Electricians	33	TRUE	2,557	3,147
4	47 47-2121	Glaziers	24.9	TRUE	84	102
4	47 47-2131	Insulation Workers, Flo	21.86	TRUE	165	204
4	47 47-2132	Insulation Workers, Me	24.07	TRUE	243	294
4	47 47-2141	Painters, Construction	22.84	TRUE	831	995
4	47 47-2152	Plumbers, Pipefitters, &	28.76	TRUE	1,220	1,474
4	47 47-2161	Plasterers & Stucco Ma	20.37	TRUE	57	70
4	47 47-2171	Reinforcing Iron & Reb	20.01	TRUE	N/D	N/D
4	47 47-2181	Roofers	20.96	TRUE	330	406
4	47 47-2211	Sheet Metal Workers	26.09	TRUE	295	349
4	47 47-2221	Structural Iron & Steel	24.63	TRUE	104	121
4	47 47-3011	Helpers--Brickmasons,	25.78	TRUE	28	30
4	47 47-3014	Helpers--Painters, Pap	15.21	TRUE	39	48
4	47 47-3015	Helpers--Pipelayers, Pl	23.63	TRUE	63	78
4	47 47-4011	Construction & Buildin	30.43	TRUE	237	250
4	47 47-4031	Fence Erectors	19.45	TRUE	209	250
4	47 47-4041	Hazardous Materials R	26.03	TRUE	N/D	N/D
4	47 47-4051	Highway Maintenance	22.03	TRUE	889	994
4	47 47-4061	Rail-Track Laying & Ma	30.07	TRUE	86	89
4	47 47-4071	Septic Tank Servicers &	21.39	TRUE	95	110
4	47 47-5011	Derrick Operators, Oil	29.85	TRUE	174	188
4	47 47-5012	Rotary Drill Operators,	29.85	TRUE	62	67
4	47 47-5013	Service Unit Operators	29.54	TRUE	848	909
4	47 47-5022	Excavating & Loading M	35.9	TRUE	415	397
4	47 47-5023	Earth Drillers, Except C	31.9	TRUE	34	35
4	47 47-5032	Explosives Workers, Or	37.24	TRUE	74	83
4	47 47-5041	Continuous Mining Ma	45.1	TRUE	201	204
4	47 47-5043	Roof Bolters, Mining	52.25	TRUE	N/D	N/D
4	47 47-5044	Loading & Moving Mac	45.33	TRUE	45	37
4	47 47-5049	Underground Mining M	46.74	TRUE	46	41
4	47 47-5071	Roustabouts, Oil & Gas	21.58	TRUE	2,156	2,392
4	47 47-5081	Helpers--Extraction Wo	29.8	TRUE	28	27
4	49 49-1011	First-Line Supervisors c	41.38	TRUE	1,912	2,118
4	49 49-2011	Computer, Automated	19.62	TRUE	157	171
4	49 49-2021	Radio, Cellular, & Towe	27.03	TRUE	59	62
4	49 49-2022	Telecommunications E	29.74	TRUE	342	368

4	49	49-2091	Avionics Technicians	24.03	TRUE	28	33
4	49	49-2094	Electrical & Electronics	45.35	TRUE	188	206
4	49	49-2095	Electrical & Electronics	46.5	TRUE	50	52
4	49	49-2097	Audiovisual Equipment	26.4	TRUE	53	50
4	49	49-2098	Security & Fire Alarm S	25.79	TRUE	69	90
4	49	49-3011	Aircraft Mechanics & S	32.65	TRUE	182	237
4	49	49-3021	Automotive Body & Re	25.4	TRUE	322	354
4	49	49-3022	Automotive Glass Insta	21.52	TRUE	95	106
4	49	49-3023	Automotive Service Te	25.4	TRUE	1,497	1,639
4	49	49-3031	Bus & Truck Mechanic	28.18	TRUE	957	1,086
4	49	49-3041	Farm Equipment Mech	27.11	TRUE	102	126
4	49	49-3042	Mobile Heavy Equipme	34.76	TRUE	1,544	1,792
4	49	49-3043	Rail Car Repairers	28.56	TRUE	206	259
4	49	49-3052	Motorcycle Mechanics	24.36	TRUE	130	140
4	49	49-3053	Outdoor Power Equipr	25.02	TRUE	118	129
4	49	49-3091	Bicycle Repairers	23.75	TRUE	71	87
4	49	49-3092	Recreational Vehicle S	22.67	TRUE	N/D	N/D
4	49	49-3093	Tire Repairers & Chang	20.63	TRUE	447	475
4	49	49-9011	Mechanical Door Repa	24.14	TRUE	26	35
4	49	49-9012	Control & Valve Install	40.56	TRUE	301	310
4	49	49-9021	Heating, Air Conditioni	26.45	TRUE	460	574
4	49	49-9031	Home Appliance Repai	22.5	TRUE	131	136
4	49	49-9041	Industrial Machinery M	36.27	TRUE	1,968	2,328
4	49	49-9043	Maintenance Workers,	38.23	TRUE	351	361
4	49	49-9044	Millwrights	29.06	TRUE	130	142
4	49	49-9051	Electrical Power-Line I	43.62	TRUE	413	448
4	49	49-9052	Telecommunications L	27.68	TRUE	320	348
4	49	49-9062	Medical Equipment Re	25.6	TRUE	83	108
4	49	49-9071	Maintenance & Repair	23.19	TRUE	4,026	4,616
4	49	49-9081	Wind Turbine Service T	32.62	TRUE	112	158
4	49	49-9091	Coin, Vending, & Amus	21.38	TRUE	141	154
4	49	49-9094	Locksmiths & Safe Rep	22.85	TRUE	22	25
4	49	49-9096	Riggers	24.2	TRUE	N/D	N/D
4	49	49-9098	Helpers--Installation, M	18.35	TRUE	143	170
4	49	49-9099	Installation, Maintenan	23.09	TRUE	189	211
4	51	51-1011	First-Line Supervisors c	44.67	TRUE	1,573	1,709
4	51	51-2028	Electrical, Electronic, &	19.42	TRUE	103	138
4	51	51-2041	Structural Metal Fabric	23.54	TRUE	26	27
4	51	51-2090	Miscellaneous Assemb	19.05	TRUE	886	966
4	51	51-3011	Bakers	15.15	TRUE	N/D	N/D
4	51	51-3021	Butchers & Meat Cutte	19.06	TRUE	172	186
4	51	51-3022	Meat, Poultry, & Fish C	16.37	TRUE	131	141
4	51	51-3023	Slaughterers & Meat P	18.95	TRUE	25	25
4	51	51-3092	Food Batchmakers	14.59	TRUE	90	102
4	51	51-3099	Food Processing Work	18.9	TRUE	N/D	N/D
4	51	51-4021	Extruding & Drawing M	19.69	TRUE	82	101
4	51	51-4031	Cutting, Punching, & P	21.91	TRUE	84	91

4	51 51-4033	Grinding, Lapping, Poli	21.24	TRUE	17	18
4	51 51-4035	Milling & Planing Mach	20.14	TRUE	38	37
4	51 51-4041	Machinists	31.01	TRUE	308	351
4	51 51-4072	Molding, Coremaking,	19.91	TRUE	102	126
4	51 51-4121	Welders, Cutters, Sold	31.83	TRUE	2,117	2,406
4	51 51-5112	Printing Press Operato	19.32	TRUE	128	122
4	51 51-6011	Laundry & Dry-Cleanin	14.68	TRUE	534	606
4	51 51-6021	Pressers, Textile, Garm	13.39	TRUE	49	37
4	51 51-6031	Sewing Machine Opera	15.1	TRUE	150	160
4	51 51-7011	Cabinetmakers & Benc	21.75	TRUE	101	106
4	51 51-7021	Furniture Finishers	15.62	TRUE	49	52
4	51 51-7041	Sawing Machine Setter	19.92	TRUE	90	91
4	51 51-7042	Woodworking Machin	19.64	TRUE	N/D	N/D
4	51 51-8012	Power Distributors & E	52.76	TRUE	67	65
4	51 51-8013	Power Plant Operators	46.19	TRUE	240	215
4	51 51-8021	Stationary Engineers &	44.26	TRUE	79	75
4	51 51-8031	Water & Wastewater T	27.81	TRUE	502	492
4	51 51-8091	Chemical Plant & Syste	46.41	TRUE	151	172
4	51 51-8092	Gas Plant Operators	41.56	TRUE	537	483
4	51 51-8093	Petroleum Pump Syste	43.66	TRUE	514	502
4	51 51-8099	Plant & System Operat	26.19	TRUE	78	87
4	51 51-9011	Chemical Equipment C	41.81	TRUE	319	361
4	51 51-9012	Separating, Filtering, C	40.49	TRUE	428	469
4	51 51-9021	Crushing, Grinding, & F	35.35	TRUE	141	149
4	51 51-9023	Mixing & Blending Ma	25.3	TRUE	263	300
4	51 51-9051	Furnace, Kiln, Oven, Dr	32.31	TRUE	83	89
4	51 51-9061	Inspectors, Testers, So	30.65	TRUE	994	1,047
4	51 51-9071	Jewelers & Precious St	20.76	TRUE	57	59
4	51 51-9083	Ophthalmic Laboratory	16.3	TRUE	28	31
4	51 51-9111	Packaging & Filling Ma	23.43	TRUE	397	445
4	51 51-9124	Coating, Painting, & Sp	24.47	TRUE	124	151
4	51 51-9161	Computer Numerically	22.4	TRUE	75	80
	51					
		Computer				
		Numerical				
		ly				
		Controlled				
		Tool				
		Programm				
4	51-9162	ers	30.05	TRUE	N/D	N/D

	51					
4	51-9193	Cooling & Freezing Equipment Operators & Tenders		<b>TRUE</b>	18	21
	51					
4	51-9194	Etchers & Engravers	18.76	<b>TRUE</b>	49	55
	51					
4	51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	23.37	<b>TRUE</b>	37	44
	51					
4	51-9198	Helpers-- Production Workers	23.28	<b>TRUE</b>	264	278
	51					
4	51-9199	Production Workers, All Other	20.78	<b>TRUE</b>	148	175
	53					
4	53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor	35.65	<b>TRUE</b>	N/D	N/D

	53						
4	53-2011	Airline Pilots, Copilots, & Flight Engineers		<b>TRUE</b>	47	53	
	53						
4	53-2012	Commercial Pilots		<b>TRUE</b>	239	277	
	53						
4	53-2021	Air Traffic Controllers	42.5	<b>TRUE</b>	N/D	N/D	
	53						
4	53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	19.19	<b>TRUE</b>	N/D	N/D	
	53						
4	53-3031	Driver/Sales Workers Heavy & Tractor-Trailer Truck	16.85	<b>TRUE</b>	1,612	1,943	
	53						
4	53-3032	Truck Drivers	29.15	<b>TRUE</b>	6,577	7,752	
	53						
4	53-3033	Light Truck Drivers	18.32	<b>TRUE</b>	2,027	2,336	

53

4	53-3051	Bus Drivers, School	20.39	TRUE	1,477	1,614
	53					
4	53-3052	Bus Drivers, Transit & Intercity Shuttle Drivers & Chauffeurs	22.1	TRUE	142	170
	53					
4	53-3053		15.36	TRUE	452	580
	53					
4	53-3054	Taxi Drivers	13.68	TRUE	N/D	N/D
	53					
4	53-3099	Motor Vehicle Operators , All Other	20.14	TRUE	181	225
	53					
4	53-4011	Locomotive Engineers Railroad Brake, Signal, & Switch Operators & Locomotive Firers	39.36	TRUE	437	443
	53					
4	53-4022		25.18	TRUE	292	357
	53					
4	53-4031	Railroad Conductors & Yardmasters	36.69	TRUE	440	446

4	53 53-6021	Parking Attendants	15.41	<b>TRUE</b>	47	55
4	53 53-6031	Automotive & Watercraft Service Attendants	16.16	<b>TRUE</b>	401	443
4	53 53-6032	Aircraft Service Attendants	21.51	<b>TRUE</b>	47	69
4	53 53-6041	Traffic Technicians	25.59	<b>TRUE</b>	36	37
4	53 53-6099	Transportation Workers, All Other	20.78	<b>TRUE</b>	N/D	N/D
4	53 53-7011	Conveyor Operators & Tenders	35.98	<b>TRUE</b>	133	138
4	53 53-7021	Crane & Tower Operators	34.71	<b>TRUE</b>	131	155
4	53 53-7041	Hoist & Winch Operators	36.96	<b>TRUE</b>	N/D	N/D



	53					
4	53-7051	Industrial Truck & Tractor Operators	26.24	<b>TRUE</b>	631	763
	53					
4	53-7061	Cleaners of Vehicles & Equipmen t	15.1	<b>TRUE</b>	785	901
	53					
4	53-7062	Laborers & Freight, Stock, & Material Movers, Hand	18.83	<b>TRUE</b>	3,031	3,516
	53					
4	53-7063	Machine Feeders & Offbearer s	17.54	<b>TRUE</b>	46	46
	53					
4	53-7064	Packers & Packagers, Hand	13.64	<b>TRUE</b>	509	514
	53					
4	53-7065	Stockers & Order Fillers	19.89	<b>TRUE</b>	5,004	6,139
	53					
4	53-7072	Pump Operators , Except Wellhead Pumpers	35.73	<b>TRUE</b>	159	168
	53					
4	53-7073	Wellhead Pumpers	35.63	<b>TRUE</b>	362	364

53

		Refuse & Recyclable Material				
4	53-7081	Collectors	21.09	<b>TRUE</b>	391	418
	53	Tank Car, Truck, & Ship				
4	53-7121	Loaders	47.26	<b>TRUE</b>	30	34

Type of Opening							Typical Requirements
Change (Growth)			Types of Openings				
N (Total)	% (Total)	N (Annual)	Exits	Transfers	Total ANNUAL Openings		Experience
-7	-3.4	-1	63	71	13	127	Bachelor's   5 years or r
1,245	17.2	125	1,953	4,213	741	7,411	Bachelor's   5 years or r
25	16.2	3	40	90	16	155	Bachelor's   5 years or r
14	10.2	1	35	69	12	118	Bachelor's   Less than 5
4	16.7	0	6	11	2	21	Bachelor's   5 years or r
10	8.9	1	41	48	10	99	Bachelor's   Less than 5
26	15.4	3	58	78	16	162	Bachelor's   Less than 5
75	22.7	8	72	163	31	310	Bachelor's   5 years or r
164	22.6	16	208	330	70	702	Bachelor's   5 years or r
34	8.9	3	97	170	30	301	Bachelor's   5 years or r
1	6.3	0	5	7	1	13	Bachelor's   5 years or r
16	11.8	2	41	72	13	129	High school   5 years or r
19	12.3	2	47	74	14	140	Bachelor's   5 years or r
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's   5 years or r
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High school   5 years or r
223	17.9	22	340	615	118	1,178	Bachelor's   None
-1	-0.6	0	49	69	12	117	Bachelor's   Less than 5
42	10.5	4	115	161	32	318	Master's degree   5 years or r
15	13.4	2	33	46	9	94	Master's degree   Less than 5
12	9.4	1	37	51	10	100	Bachelor's   Less than 5
13	7.3	1	37	79	13	129	Bachelor's   5 years or r
65	11.1	7	227	457	75	749	High school   Less than 5
6	13.0	1	20	32	6	58	Bachelor's   Less than 5
115	26.6	12	185	286	59	586	High school   Less than 5
308	32.7	31	305	453	107	1,066	Bachelor's   Less than 5
5	3.4	1	36	67	11	108	Bachelor's   5 years or r
-3	-3.9	0	23	32	5	52	High school   Less than 5
62	7.1	6	381	308	75	751	High school   Less than 5
48	13.5	5	122	169	34	339	Bachelor's   Less than 5
3	6.3	0	13	21	4	37	Bachelor's   5 years or r
1	2.7	0	11	16	3	28	Associate's   Less than 5
112	7.9	11	450	617	118	1,179	Bachelor's   Less than 5
-8	-1.4	-1	205	292	49	489	Bachelor's   None
-6	-3.1	-1	48	78	12	120	High school   None
43	9.1	4	171	205	42	419	Bachelor's   None
30	9.9	3	102	157	29	289	Bachelor's   None
92	9.7	9	297	516	91	905	Bachelor's   None
3	2.8	0	33	57	9	93	Bachelor's   Less than 5
21	24.1	2	26	51	10	98	Bachelor's   None

143	17.9	14	199	400	74	742	Bachelor's	None
82	21.4	8	146	196	42	424	Bachelor's	Less than 5
26	18.6	3	63	96	19	185	Bachelor's	None
15	13.2	2	36	52	10	103	Bachelor's	None
4	10.3	0	12	16	3	32	Bachelor's	Less than 5
81	15.8	8	168	291	54	540	Bachelor's	Less than 5
216	23.4	22	324	601	114	1,141	Bachelor's	None
161	11.0	16	515	803	148	1,479	Bachelor's	None
288	12.8	29	737	1,081	211	2,106	Bachelor's	None
20	7.4	2	136	93	25	249	Bachelor's	None
10	8.9	1	34	42	9	86	Bachelor's	None
18	15.8	2	28	57	10	103	Bachelor's	None
108	19.0	11	168	215	49	491	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
6	26.1	1	8	10	2	24	Bachelor's	None
8	22.2	1	11	16	4	35	Bachelor's	None
119	13.4	12	251	386	76	756	Bachelor's	Less than 5
1	1.6	0	23	25	5	49	Bachelor's	None
10	12.5	1	47	47	10	104	High schoo	None
6	9.4	1	15	28	5	49	Bachelor's	None
36	22.0	4	46	60	14	142	Bachelor's	None
13	43.3	1	8	13	3	34	Bachelor's	Less than 5
21	6.4	2	83	138	24	242	Associate's	None
85	12.2	9	181	303	57	569	Some colle	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	5 years or r
15	13.2	2	31	39	9	85	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	Less than 5
34	6.2	3	115	196	35	345	Bachelor's	None
-4	-5.8	0	17	24	4	37	Bachelor's	None
257	38.3	26	137	286	68	680	Bachelor's	None
14	25.9	1	12	25	5	51	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
39	23.1	4	46	71	16	156	Bachelor's	None
12	37.5	1	9	14	4	35	Master's de	None
25	61.0	3	12	19	6	56	Bachelor's	None
25	15.9	3	50	52	13	127	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
31	14.2	3	72	74	18	177	Bachelor's	None
2	3.3	0	14	19	4	35	Bachelor's	None
125	14.0	13	205	354	68	684	Bachelor's	None
11	20.8	1	11	20	4	42	Bachelor's	None
26	8.4	3	74	95	20	195	Bachelor's	None
13	11.7	1	27	35	8	75	Bachelor's	None
18	11.5	2	50	55	12	123	Bachelor's	None
46	22.1	5	56	70	17	172	Bachelor's	None
1	6.3	0	5	5	1	11	Bachelor's	None

81	28.8	8	71	103	26	255	Bachelor's   None
-4	-4.4	0	17	32	5	45	Bachelor's   None
14	7.0	1	39	76	13	129	Bachelor's   None
11	8.7	1	31	43	9	85	Bachelor's   None
18	9.7	2	80	98	20	196	Associate's   None
8	8.3	1	35	46	9	89	Associate's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's   None
15	5.5	2	106	144	27	265	Associate's   None
11	7.2	1	81	71	16	163	Associate's   None
3	6.4	0	18	25	5	46	Associate's   None
5	26.3	1	8	11	2	24	Associate's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's   None
6	6.0	1	39	53	10	98	Associate's   None
30	17.4	3	78	139	25	247	High schoo   None
1	6.3	0	3	10	1	14	Bachelor's   None
19	6.3	2	51	174	24	244	Bachelor's   None
6	3.8	1	26	90	12	122	Bachelor's   None
13	7.7	1	31	106	15	150	Bachelor's   None
1	1.7	0	10	36	5	47	Bachelor's   None
3	8.1	0	5	25	3	33	Bachelor's   None
20	16.8	2	20	68	11	108	Bachelor's   None
55	12.0	6	78	298	43	431	Bachelor's   None
25	13.2	3	27	127	18	179	Bachelor's   None
2	6.3	0	4	21	3	27	Bachelor's   None
6	10.5	1	8	31	5	45	Bachelor's   None
1	4.0	0	4	11	2	16	Master's d   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Master's d   None
11	12.4	1	20	25	6	56	Doctoral or   None
9	9.7	1	17	45	7	71	Master's d   None
15	9.7	2	48	54	12	117	Master's d   None
12	11.0	1	27	62	10	101	Master's d   None
9	10.2	1	16	58	8	83	Master's d   None
3	5.6	0	10	35	5	48	Bachelor's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's   None
11	5.2	1	70	194	28	275	Bachelor's   None
32	12.7	3	56	252	34	340	Associate's   None
23	19.5	2	23	108	15	154	Associate's   None
6	9.7	1	11	54	7	71	Associate's   None
1	5.0	0	4	17	2	22	Associate's   None
18	3.3	2	158	519	70	695	Associate's   None
8	15.4	1	16	52	8	76	Bachelor's   None
8	8.4	1	28	92	13	128	Associate's   None
102	19.7	10	160	436	70	698	Bachelor's   None
6	9.4	1	19	51	8	76	High schoo   None
99	15.4	10	208	279	59	586	Master's d   None
3	3.5	0	28	38	7	69	Master's d   None

173	24.4	17	287	368	83	828	Bachelor's   None
63	10.4	6	207	277	55	547	Bachelor's   None
39	15.6	4	100	127	27	266	Master's d   None
41	16.3	4	101	86	23	228	Master's d   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's   None
11	8.7	1	53	77	14	141	Bachelor's   None
5	3.0	1	52	75	13	132	Bachelor's   None
94	13.2	9	334	433	86	861	High schoo   None
19	15.2	2	54	78	15	151	High schoo   None
9	9.7	1	39	57	11	105	Bachelor's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's   None
210	16.8	21	315	204	73	729	Doctoral or   None
3	9.7	0	8	5	2	16	Doctoral or 5 years or r
52	12.8	5	163	275	49	490	Associate's   None
15	6.2	2	101	133	25	249	High schoo   None
13	18.3	1	35	46	9	94	Associate's   None
21	16.9	2	59	45	13	125	Doctoral or   None
4	12.5	0	15	11	3	30	Doctoral or   None
14	13.0	1	51	39	10	104	Doctoral or   None
20	19.1	2	51	39	11	110	Doctoral or   None
16	15.1	2	50	38	10	104	Doctoral or   None
22	18.6	2	57	44	12	123	Doctoral or   None
6	15.4	1	18	14	4	38	Doctoral or   None
4	11.4	0	16	12	3	32	Doctoral or   None
4	15.4	0	12	9	3	25	Doctoral or   None
4	11.1	0	17	13	3	34	Doctoral or   None
5	13.5	1	17	13	4	35	Doctoral or   None
8	16.0	1	24	18	5	50	Doctoral or   None
60	30.8	6	99	76	24	235	Doctoral or Less than 5
39	29.1	4	68	52	16	159	Doctoral or Less than 5
10	13.0	1	36	28	7	74	Doctoral or Less than 5
5	11.4	1	20	16	4	41	Doctoral or   None
2	13.3	0	7	5	1	14	Doctoral or   None
17	12.2	2	65	50	13	132	Master's d   None
7	14.3	1	23	18	5	48	Doctoral or   None
10	11.4	1	41	31	8	82	Doctoral or   None
2	14.3	0	7	5	1	14	Doctoral or   None
4	13.8	0	14	10	3	28	Doctoral or   None
16	9.0	2	81	62	16	159	Bachelor's   Less than 5
55	13.3	6	194	149	40	398	Doctoral or   None
75	7.9	8	450	580	111	1,105	Associate's   None
45	10.0	5	217	280	54	542	Bachelor's   None
270	10.3	27	928	909	211	2,107	Bachelor's   None
108	10.4	11	366	358	83	832	Bachelor's   None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's   Less than 5
191	10.6	19	549	610	135	1,350	Bachelor's   None
20	9.0	2	67	75	16	162	Bachelor's   Less than 5

7	6.6	1	37	36	8	80	Bachelor's	None
49	9.2	5	186	184	42	419	Bachelor's	None
25	9.2	3	96	94	22	215	Bachelor's	None
33	9.4	3	124	122	28	279	Bachelor's	None
-5	-5.8	-1	53	48	10	96	Bachelor's	None
114	13.1	11	580	528	122	1,222	High schoo	Less than 5
318	14.4	32	1,478	1,344	314	3,140	Bachelor's	None
43	13.0	4	321	275	64	639	Some colle	None
8	8.3	1	63	57	13	128	Bachelor's	None
22	25.9	2	59	54	14	135	Master's d	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
29	9.3	3	178	123	33	330	Master's d	None
-5	-1.9	-1	267	175	44	437	Postsecon	None
6	5.8	1	49	42	10	97	Master's d	None
16	7.5	2	102	87	21	205	Master's d	5 years or r
324	8.9	32	2,180	2,261	477	4,765	Some colle	None
29	11.7	3	121	103	25	253	Bachelor's	None
18	24.3	2	38	40	10	96	No formal	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
-8	-6.5	-1	76	62	13	130	High schoo	None
33	12.0	3	84	149	27	266	Bachelor's	None
20	18.2	2	51	55	13	126	Bachelor's	None
30	12.6	3	122	174	33	326	High schoo	None
14	15.4	1	28	52	9	94	Bachelor's	Less than 5
150	24.7	15	375	477	100	1,002	Bachelor's	None
16	18.6	2	65	55	14	136	No formal	None
-4	-7.0	0	27	29	5	52	Bachelor's	None
-14	-7.7	-1	76	112	17	174	Bachelor's	None
35	9.5	4	93	211	34	339	Bachelor's	None
-9	-8.8	-1	45	53	9	89	Bachelor's	Less than 5
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	Less than 5
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
2	5.1	0	20	19	4	41	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
8	15.1	1	17	33	6	58	Postsecon	None
2	3.3	0	18	35	6	55	Associate's	None
27	14.7	3	74	99	20	200	High schoo	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
2	8.3	0	7	15	2	24	High schoo	None
20	9.3	2	67	16	10	103	Doctoral or	None
12	4.3	1	62	17	9	91	Doctoral or	None
11	10.5	1	40	30	8	81	Bachelor's	None
8	10.8	1	18	5	3	31	Doctoral or	None
85	16.6	9	128	77	29	290	Doctoral or	None
107	29.8	11	91	113	31	311	Master's d	None
47	15.6	5	95	81	22	223	Master's d	None
116	20.1	12	146	99	36	361	Doctoral or	None

1	6.3	0	4	3	1	8	Associate's None
2	6.3	0	13	11	3	26	Bachelor's None
38	22.5	4	58	35	13	131	Associate's None
79	24.8	8	97	92	27	268	Master's d None
7	15.2	1	16	13	4	36	Bachelor's None
78	33.5	8	62	26	17	166	Doctoral or None
614	12.0	61	1,804	1,118	354	3,536	Bachelor's None
10	21.7	1	10	10	3	30	Master's d None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Master's d None
234	49.3	23	131	131	50	496	Master's d None
5	13.2	1	13	7	3	25	Doctoral or None
5	4.9	1	21	6	3	32	Doctoral or None
1	3.3	0	6	2	1	9	Doctoral or None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Doctoral or None
13	7.0	1	39	11	6	63	Doctoral or None
3	10.3	0	6	2	1	11	Doctoral or None
2	2.7	0	15	4	2	21	Doctoral or None
3	7.3	0	9	3	2	15	Doctoral or None
2	5.6	0	8	2	1	12	Doctoral or None
24	6.4	2	80	23	13	127	Doctoral or None
1	1.5	0	11	4	2	16	Doctoral or None
4	3.8	0	19	6	3	29	Doctoral or None
46	8.1	5	255	130	43	431	Associate's None
2	5.6	0	13	7	2	22	Master's d None
85	12.6	9	244	213	54	542	Bachelor's None
6	9.5	1	22	18	5	46	Associate's None
16	19.5	2	25	21	6	62	Associate's None
1	5.6	0	4	4	1	9	Associate's None
46	10.5	5	140	99	29	285	Associate's None
9	12.9	1	23	17	5	49	Associate's Less than 5
42	9.6	4	117	199	36	358	Postseconc None
15	8.7	2	36	45	10	96	Postseconc Less than 5
113	19.0	11	255	328	70	696	High schoo None
39	15.1	4	84	81	20	204	Postseconc None
99	35.9	10	112	182	39	393	Associate's None
9	14.8	1	34	36	8	79	Postseconc None
90	14.0	9	278	241	61	609	Postseconc None
49	13.3	5	147	112	31	308	Postseconc None
14	8.0	1	76	76	17	166	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Master's d None
6	7.5	1	29	26	6	61	Postseconc None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's None
14	22.2	1	23	19	6	56	Master's d None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Postseconc None
7	9.9	1	25	20	5	52	Postseconc None
956	29.4	96	2,986	2,490	643	6,432	High schoo None
350	13.0	35	1,818	2,249	442	4,417	Postseconc None



N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
15	23.1	2	36	63	11	114	Associate's None
57	32.0	6	100	180	34	337	Associate's None
12	6.8	1	88	160	26	260	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Postseconc None
43	7.4	4	336	492	87	871	Postseconc None
166	16.9	17	499	854	152	1,519	Postseconc None
10	11.1	1	53	73	14	136	High schoo None
-9	-16.4	-1	32	55	8	78	Postseconc None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
68	35.2	7	141	297	51	506	High schoo None
16	11.4	2	73	115	20	204	Postseconc None
18	8.6	2	123	168	31	309	High schoo None
0	0.0	0	29	40	7	69	High schoo Less than 5
26	7.0	3	107	143	28	276	High schoo Less than 5
12	7.9	1	39	56	11	107	Postseconc Less than 5
13	16.1	1	35	44	9	92	High schoo Less than 5
8	11.0	1	30	39	8	77	High schoo Less than 5
51	8.7	5	160	294	51	505	Postseconc None
1	4.0	0	26	9	4	36	High schoo None
-44	-4.6	-4	321	484	76	761	High schoo None
7	4.5	1	50	66	12	123	High schoo Less than 5
1	3.7	0	15	14	3	30	High schoo None
93	7.2	9	390	624	111	1,107	High schoo None
3	8.1	0	20	15	4	38	High schoo None
141	14.7	14	597	767	151	1,505	High schoo None
35	28.2	4	242	73	35	350	No formal ι None
58	15.0	6	664	558	128	1,280	No formal ι None
5	6.0	1	37	42	8	84	High schoo None
6	2.2	1	392	131	53	529	High schoo None
49	9.2	5	887	745	168	1,681	High schoo None
66	18.8	7	149	304	52	519	High schoo 5 years or r
368	14.7	37	1,349	2,567	428	4,284	High schoo Less than 5
-48	-6.0	-5	532	636	112	1,120	No formal ι None
169	11.1	17	1,098	1,313	258	2,580	No formal ι None
971	33.1	97	2,331	2,786	609	6,088	No formal ι Less than 5
7	22.6	1	24	28	6	59	No formal ι None
55	3.4	6	1,449	1,454	296	2,958	No formal ι None
345	14.1	35	1,421	3,055	482	4,821	No formal ι None
687	10.9	69	7,371	7,867	1,593	15,925	No formal ι None
298	7.5	30	3,528	4,956	878	8,782	No formal ι None
18	9.5	2	162	161	34	341	No formal ι None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal ι None
80	8.6	8	854	814	175	1,748	No formal ι None
78	11.1	8	999	868	195	1,945	No formal ι None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal ι None
208	21.3	21	562	678	145	1,448	High schoo Less than 5

167	19.1	17	380	591	114	1,138	High schoo	Less than 5
670	14.9	67	3,373	3,368	741	7,411	No formal	None
623	16.4	62	3,065	2,763	645	6,451	No formal	None
15	20.8	2	26	76	12	117	High schoo	None
559	24.1	56	1,290	2,015	386	3,864	No formal	None
16	8.8	2	62	176	25	254	High schoo	None
33	26.6	3	51	127	21	211	High schoo	None
1	1.6	0	21	58	8	80	No formal	None
75	21.0	8	166	257	50	498	High schoo	Less than 5
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	Less than 5
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
11	7.2	1	219	240	47	470	No formal	None
159	17.6	16	1,100	1,646	291	2,905	No formal	None
0	0.0	0	34	70	10	104	High schoo	None
0	0.0	0	23	34	6	57	Associate's	None
41	6.1	4	416	525	98	982	Postseconc	None
3	5.3	0	29	39	7	71	Postseconc	None
5	12.8	1	21	36	6	62	Postseconc	None
21	27.3	2	48	89	16	158	High schoo	None
13	18.8	1	42	77	13	132	High schoo	None
114	28.0	11	427	548	109	1,089	High schoo	None
51	3.8	5	978	1,263	229	2,292	High schoo	None
102	22.1	10	311	629	104	1,042	High schoo	None
64	14.2	6	354	631	105	1,049	High schoo	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
151	4.1	15	1,464	2,216	383	3,831	High schoo	Less than 5
22	7.4	2	104	143	27	269	High schoo	Less than 5
27	0.4	3	6,117	6,163	1,231	12,307	No formal	None
170	15.4	17	673	704	155	1,547	No formal	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal	None
780	8.8	78	6,061	7,311	1,415	14,152	No formal	None
-9	-5.5	-1	57	112	16	160	High schoo	None
68	8.0	7	331	367	77	766	High schoo	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
175	19.3	18	256	675	111	1,106	High schoo	None
29	14.1	3	73	121	22	223	Bachelor's	None
204	13.4	20	542	890	164	1,636	High schoo	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	Less than 5
29	2.8	3	484	376	89	889	High schoo	None
12	17.9	1	40	55	11	107	High schoo	None
52	3.1	5	714	915	168	1,681	High schoo	Less than 5
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
7	3.2	1	110	130	25	247	High schoo	None
40	6.9	4	283	328	65	651	High schoo	None
168	4.3	17	2,600	2,044	481	4,812	Some colle	None
-19	-7.7	-2	115	124	22	220	High schoo	None

-6	-5.6	-1	32	66	9	92	High schoo None
-53	-5.9	-5	392	495	83	834	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
53	7.8	5	364	335	75	752	High schoo None
37	2.0	4	1,054	1,479	257	2,570	High schoo None
7	2.6	1	106	126	24	239	High schoo None
-7	-9.6	-1	43	42	8	78	High schoo None
232	15.3	23	1,031	1,567	283	2,830	High schoo None
-31	-8.0	-3	194	250	41	413	High schoo None
-4	-1.2	0	336	253	59	585	High schoo None
47	8.5	5	194	280	52	521	High schoo None
-16	-5.3	-2	94	173	25	251	High schoo None
-3	-8.8	0	16	21	3	34	Some colle  None
5	6.6	1	34	53	9	92	Associate's None
115	6.9	12	1,086	1,192	239	2,393	High schoo None
20	16.3	2	63	83	17	166	High schoo None
16	6.5	2	131	154	30	301	High schoo None
7	20.0	1	15	23	5	45	High schoo None
22	11.8	2	95	115	23	232	High schoo None
28	7.8	3	172	197	40	397	High schoo None
40	15.0	4	114	153	31	307	High schoo None
-3	-8.8	0	13	14	2	24	High schoo None
-12	-4.4	-1	132	96	22	216	No formal ι None
-23	-5.0	-2	181	152	31	310	No formal ι None
-14	-9.3	-1	75	51	11	112	No formal ι None
16	10.5	2	63	100	18	179	High schoo None
36	4.4	4	347	501	88	884	High schoo None
21	21.2	2	59	75	16	155	High schoo None
-86	-20.0	-9	175	218	31	307	High schoo Less than 5
-43	-14.6	-4	158	150	27	265	High schoo None
109	10.2	11	596	569	127	1,274	High schoo None
-125	-5.1	-13	1,380	1,248	250	2,503	High schoo None
-15	-12.9	-2	54	71	11	110	High schoo None
-23	-4.3	-2	210	260	45	447	High schoo None
19	10.7	2	123	119	26	261	High schoo None
199	2.8	20	4,346	4,228	877	8,773	High schoo None
1	4.6	0	13	17	3	31	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Bachelor's ι None
-3	-4.7	0	25	40	6	62	High schoo None
22	18.0	2	70	104	20	196	High schoo Less than 5
2	1.7	0	56	128	19	186	Bachelor's ι None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal ι None
74	15.2	7	298	475	85	847	No formal ι None
114	10.3	11	659	1,052	183	1,825	No formal ι None
1	2.3	0	22	40	6	63	High schoo None
458	14.1	46	1,158	1,581	320	3,197	High schoo 5 years or r
6	10.7	1	21	28	6	55	High schoo None

45	21.2	5	83	103	23	231	High schoo None
2	6.1	0	12	15	3	29	High schoo None
431	12.6	43	1,270	1,718	342	3,419	High schoo None
12	11.2	1	36	51	10	99	No formal r None
39	29.1	4	49	69	16	157	No formal r None
100	13.9	10	194	380	67	674	No formal r None
812	20.4	81	1,514	2,211	454	4,537	No formal r None
10	16.1	1	22	34	7	66	High schoo None
11	16.2	1	24	37	7	72	High schoo None
240	6.1	24	1,338	2,032	361	3,610	High schoo None
37	21.0	4	47	81	17	165	No formal r None
590	23.1	59	947	1,536	307	3,073	High schoo None
18	21.4	2	39	52	11	109	High schoo None
39	23.6	4	54	87	18	180	No formal r None
51	21.0	5	78	126	26	255	High schoo None
164	19.7	16	310	390	86	864	No formal r None
254	20.8	25	424	722	140	1,400	High schoo None
13	22.8	1	20	25	6	58	No formal r None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
76	23.0	8	100	181	36	357	No formal r None
54	18.3	5	118	174	35	346	High schoo None
17	16.4	2	28	67	11	112	High schoo None
2	7.1	0	10	21	3	33	No formal r None
9	23.1	1	16	32	6	57	No formal r None
15	23.8	2	25	52	9	92	High schoo None
13	5.5	1	159	116	29	288	High schoo 5 years or r
41	19.6	4	62	128	23	231	No formal r None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
105	11.8	11	421	417	94	943	High schoo None
3	3.5	0	22	39	6	64	High schoo None
15	15.8	2	37	55	11	107	High schoo None
14	8.1	1	54	129	20	197	No formal r None
5	8.1	1	19	46	7	70	No formal r None
61	7.2	6	262	626	95	949	No formal r None
-18	-4.3	-2	188	217	39	387	High schoo Less than 5
1	2.9	0	16	18	4	35	High schoo Less than 5
9	12.2	1	30	39	8	78	High schoo Less than 5
3	1.5	0	82	134	22	219	No formal r None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
-8	-17.8	-1	17	27	4	36	No formal r None
-5	-10.9	-1	18	29	4	42	No formal r None
236	11.0	24	677	1,621	253	2,534	No formal r None
-1	-3.6	0	10	22	3	31	High schoo None
206	10.8	21	776	875	186	1,857	High schoo Less than 5
14	8.9	1	57	101	17	172	Some colle; None
3	5.1	0	22	39	6	64	Associate's None
26	7.6	3	126	230	38	382	Postsecon None

5	17.9	1	15	11	3	31	Associate's None
18	9.6	2	66	99	18	183	Postseconc None
2	4.0	0	17	26	5	45	Postseconc Less than 5
-3	-5.7	0	14	36	5	47	Postseconc None
21	30.4	2	30	52	10	103	High schoo None
55	30.2	6	62	89	21	206	Postseconc None
32	9.9	3	145	144	32	321	High schoo None
11	11.6	1	26	51	9	88	High schoo None
142	9.5	14	545	775	146	1,462	Postseconc None
129	13.5	13	365	475	97	969	High schoo None
24	23.5	2	37	57	12	118	High schoo None
248	16.1	25	541	828	162	1,617	High schoo None
53	25.7	5	75	115	24	243	High schoo None
10	7.7	1	68	64	14	142	Postseconc None
11	9.3	1	62	59	13	132	High schoo None
16	22.5	2	31	56	10	103	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
28	6.3	3	182	326	54	536	High schoo None
9	34.6	1	10	12	3	31	High schoo None
9	3.0	1	103	119	23	231	High schoo None
114	24.8	11	162	267	54	543	Postseconc None
5	3.8	1	52	61	12	118	High schoo None
360	18.3	36	763	889	201	2,012	High schoo None
10	2.9	1	172	157	34	339	High schoo None
12	9.2	1	45	62	12	119	High schoo None
35	8.5	4	117	206	36	358	High schoo None
28	8.8	3	103	192	32	323	High schoo None
25	30.1	3	37	50	11	112	Associate's None
590	14.7	59	1,903	1,972	447	4,465	High schoo None
46	41.1	5	52	75	17	173	Postseconc None
13	9.2	1	77	85	18	175	High schoo None
3	13.6	0	14	12	3	29	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo None
27	18.9	3	95	78	20	200	High schoo None
22	11.6	2	77	111	21	210	High schoo None
136	8.7	14	591	926	165	1,653	High schoo Less than 5
35	34.0	4	60	67	16	162	High schoo None
1	3.9	0	10	17	3	28	High schoo None
80	9.0	8	393	585	106	1,058	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal r None
14	8.1	1	89	122	23	225	No formal r None
10	7.6	1	67	93	17	170	No formal r None
0	0.0	0	12	17	3	29	No formal r None
12	13.3	1	62	81	16	155	High schoo None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal r None
19	23.2	2	35	58	11	112	High schoo None
7	8.3	1	31	54	9	92	High schoo None

1	5.9	0	7	11	2	19	High schoo	None
-1	-2.6	0	26	22	5	47	High schoo	None
43	14.0	4	132	187	36	362	High schoo	None
24	23.5	2	36	65	13	125	High schoo	None
289	13.7	29	685	1,498	247	2,472	High schoo	None
-6	-4.7	-1	55	77	13	126	High schoo	None
72	13.5	7	433	336	84	841	No formal r	None
-12	-24.5	-1	31	23	4	42	No formal r	None
10	6.7	1	101	73	18	184	No formal r	None
5	5.0	1	43	56	10	104	High schoo	None
3	6.1	0	30	28	6	61	High schoo	None
1	1.1	0	40	61	10	102	High schoo	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High schoo	None
-2	-3.0	0	19	35	5	52	High schoo	None
-25	-10.4	-3	67	120	16	162	High schoo	None
-4	-5.1	0	35	44	8	75	High schoo	None
-10	-2.0	-1	207	256	45	453	High schoo	None
21	13.9	2	41	105	17	167	High schoo	None
-54	-10.1	-5	129	332	41	407	High schoo	None
-12	-2.3	-1	128	331	45	447	High schoo	None
9	11.5	1	21	54	8	84	High schoo	None
42	13.2	4	107	208	36	357	High schoo	None
41	9.6	4	141	274	46	456	High schoo	None
8	5.7	1	52	95	16	155	High schoo	None
37	14.1	4	102	184	32	323	High schoo	None
6	7.2	1	37	57	10	100	High schoo	None
53	5.3	5	428	736	122	1,217	High schoo	None
2	3.5	0	44	34	8	80	High schoo	None
3	10.7	0	13	21	4	37	High schoo	None
48	12.1	5	201	248	50	497	High schoo	None
27	21.8	3	41	81	15	149	High schoo	None
5	6.7	1	24	46	8	75	High schoo	None

N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Postsecon dary non- degree award	None
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3	16.7	0	8	13	2	24	High school diploma or equivalent	None
6	12.2	1	54	28	9	88	High school diploma or equivalent	None
7	18.9	1	22	29	6	58	High school diploma or equivalent	None
14	5.3	1	182	240	44	436	High school diploma or equivalent	None
27	18.2	3	67	106	20	200	High school diploma or equivalent	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High school diploma or equivalent	Less than 5 years

6	12.8	1	17	39	6	62	Bachelor's degree	Less than 5 years
38	15.9	4	89	200	33	327	Postsecondary non-degree award	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	Associate's degree	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High school diploma or equivalent	None
331	20.5	33	805	1,041	218	2,177	High school diploma or equivalent	None
1,175	17.9	118	3,243	4,197	862	8,615	Postsecondary non-degree award	None
309	15.2	31	988	1,278	258	2,575	High school diploma or equivalent	None



137	9.3	14	1,634	708	248	2,479	High school diploma or equivalent	None
28	19.7	3	124	73	23	225	High school diploma or equivalent	None
128	28.3	13	442	260	83	830	No formal education	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal education	None
44	24.3	4	175	121	34	340	No formal education	None
6	1.4	1	127	218	35	351	High school diploma or equivalent	Less than 5 years
65	22.3	7	109	204	38	378	High school diploma or equivalent	None
6	1.4	1	105	245	36	356	High school diploma or equivalent	None

8	17.0	0.8	28	45	8	81	No formal education	None
42	10.5	4.2	220	391	65	653	No formal education	None
22	46.8	2.2	30	54	11	106	High school diploma or equivalent	None
1	2.8	0.1	14	24	4	39	High school diploma or equivalent	None
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	High school diploma or equivalent	None
5	3.8	0.5	51	82	14	138	No formal education	None
24	18.3	2.4	47	84	16	155	High school diploma or equivalent	Less than 5 years
N/D	N/D	N/D	N/D	N/D	#VALUE!	N/D	No formal education	None

132	20.9	13.2	223	445	80	800	No formal education	None
116	14.8	11.6	457	651	122	1,224	No formal education	None
485	16.0	48.5	1,563	2,660	471	4,708	No formal education	None
0	0.0	0.0	36	35	7	71	No formal education	None
5	1.0	0.5	307	423	74	735	No formal education	None
1,135	22.7	113.5	3,466	5,454	1,006	10,055	High school diploma or equivalent	None
9	5.7	0.9	57	107	17	173	High school diploma or equivalent	None
2	0.6	0.2	126	238	37	366	High school diploma or equivalent	Less than 5 years

27	6.9	2.7	185	309	52	521	No formal education None
4	13.3	0.4	16	21	4	41	No formal education None

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