

LICENSED OCCUPATION DASHBOARDS

2019

Wyoming Department of Workforce Services, Research & Planning

2019 Licensed Occupation Dashboards

Wyoming Department of Workforce Services

Robin Sessions Cooley, Director

Research & Planning

Tony Glover, Manager

Carola Cowan, Bureau of Labor Statistics Programs Supervisor

Prepared by:

Phil Ellsworth, Lisa Knapp, and Michael Moore

Editorial Committee:

David Bullard, Phil Ellsworth, Katelynd Faler, Matthew Halama,
Aubrey Kofoed, Chris McGrath, and Michael Moore

Reviewed by:

Wyoming Workforce Development Council

Submitted for publication November 2019.

©2019 by the Wyoming Department of Workforce Services, Research & Planning

Department of Workforce Services Nondiscrimination Statement

The Department of Workforce Services does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability. It is our intention that all individuals seeking services from our agency be given equal opportunity and that eligibility decisions be based upon applicable statutes, rules, and regulations.

Research & Planning

P.O. Box 2760

Casper, WY 82602

Phone: (307) 473-3807

Fax: (307) 473-3834

R&P Website: <http://doe.state.wy.us/LMI/>

Contact information: <http://doe.state.wy.us/LMI/rpstaff.htm>

“Your Source for Wyoming Labor Market Information”

Contents

| | |
|--|----|
| 11-9032 Education Administrators, Elementary and Secondary School | 1 |
| 11-9111 Medical and Health Services Managers | 3 |
| 13-1031 Claims Adjusters, Examiners, and Investigators | 5 |
| 13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation | 7 |
| 13-2011 Accountants and Auditors | 9 |
| 13-2021 Appraisers and Assessors of Real Estate | 11 |
| 17-1011 Architects, Except Landscape and Naval | 13 |
| 17-1012 Landscape Architects | 15 |
| 17-1022 Surveyors | 17 |
| 17-2041 Chemical Engineers | 19 |
| 17-2051 Civil Engineers | 21 |
| 17-2071 Electrical Engineers | 23 |
| 17-2081 Environmental Engineers | 25 |
| 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 27 |
| 17-2112 Industrial Engineers | 29 |
| 17-2141 Mechanical Engineers | 31 |
| 17-2151 Mining and Geological Engineers, Including Mining Safety Engineers | 33 |
| 17-2171 Petroleum Engineers | 35 |
| 19-2042 Geoscientists, Except Hydrologists and Geographers | 37 |
| 19-3031 Clinical, Counseling, and School Psychologists | 39 |
| 19-4099 Life, Physical, and Social Science Technicians, All Other | 41 |
| 21-1023 Mental Health and Substance Abuse Social Workers | 43 |
| 21-1093 Social and Human Service Assistants | 45 |
| 23-1011 Lawyers | 47 |
| 25-1194 Vocational Education Teachers, Postsecondary | 49 |
| 25-2012 Kindergarten Teachers, Except Special Education | 51 |
| 25-2021 Elementary School Teachers, Except Special Education | 53 |
| 25-2022 Middle School Teachers, Except Special and Career/Technical Education | 55 |
| 25-2023 Career/Technical Education Teachers, Middle School | 57 |
| 25-2031 Secondary School Teachers, Except Special and Career/Technical Ed | 59 |
| 25-2032 Career/Technical Education Teachers, Secondary School | 61 |
| 25-2052 Special Education Teachers, Kindergarten and Elementary School | 63 |
| 25-2053 Special Education Teachers, Middle School | 65 |
| 25-2054 Special Education Teachers, Secondary School | 67 |
| 25-3098 Substitute Teachers | 69 |
| 25-4021 Librarians | 71 |
| 29-1011 Chiropractors | 73 |
| 29-1021 Dentists, General | 75 |
| 29-1031 Dietitians and Nutritionists | 77 |
| 29-1041 Optometrists | 79 |
| 29-1051 Pharmacists | 81 |
| 29-1061 Anesthesiologists | 83 |
| 29-1062 Family and General Practitioners | 85 |
| 29-1063 Internists, General | 87 |
| 29-1064 Obstetricians and Gynecologists | 89 |
| 29-1065 Pediatricians, General | 91 |
| 29-1066 Psychiatrists | 93 |
| 29-1067 Surgeons | 95 |
| 29-1069 Physicians and Surgeons, All Other | 97 |

| | |
|--|-----|
| 29-1071 Physician Assistants | 99 |
| 29-1081 Podiatrists | 101 |
| 29-1122 Occupational Therapists | 103 |
| 29-1126 Respiratory Therapists | 105 |
| 29-1127 Speech-Language Pathologists | 107 |
| 29-1131 Veterinarians | 109 |
| 29-1141 Registered Nurses | 111 |
| 29-1171 Nurse Practitioners | 113 |
| 29-1181 Audiologists | 115 |
| 29-2021 Dental Hygienists | 117 |
| 29-2034 Radiologic Technologists and Technicians | 119 |
| 29-2041 Emergency Medical Technicians and Paramedics | 121 |
| 29-2061 Licensed Practical and Licensed Vocational Nurses | 123 |
| 29-9091 Athletic Trainers | 125 |
| 31-1014 Nursing Assistants | 127 |
| 31-2011 Occupational Therapy Assistants | 129 |
| 31-2021 Physical Therapist Assistants | 131 |
| 31-9092 Medical Assistants | 133 |
| 33-3012 Correctional Officers and Jailers | 135 |
| 33-3051 Police and Sheriff's Patrol Officers | 137 |
| 33-9011 Animal Control Workers | 139 |
| 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation | 141 |
| 39-4031 Morticians, Undertakers, and Funeral Directors | 143 |
| 39-5012 Hairdressers, Hairstylists, and Cosmetologists | 145 |
| 39-5092 Manicurists and Pedicurists | 147 |
| 39-5094 Skincare Specialists | 149 |
| 39-9011 Childcare Workers | 151 |
| 39-9099 Personal Care and Service Workers, All Other | 153 |
| 41-3021 Insurance Sales Agents | 155 |
| 41-3031 Securities, Commodities, and Financial Services Sales Agents | 157 |
| 41-9021 Real Estate Brokers | 159 |
| 41-9022 Real Estate Sales Agents | 161 |
| 43-5031 Police, Fire, and Ambulance Dispatchers | 163 |
| 43-9199 Office and Administrative Support Workers, All Other | 165 |
| 47-2111 Electricians | 167 |
| 47-5021 Earth Drillers, Except Oil and Gas | 169 |
| 49-3011 Aircraft Mechanics and Service Technicians | 171 |
| 49-9099 Installation, Maintenance, and Repair Workers, All Other | 173 |
| 51-8031 Water and Wastewater Treatment Plant and System Operators | 175 |
| 51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers | 177 |
| 53-2012 Commercial Pilots | 179 |
| 53-3022 Bus Drivers, School or Special Client | 181 |
| 53-3032 Heavy and Tractor-Trailer Truck Drivers | 183 |

11-9032 Education Administrators, Elementary and Secondary School

| | |
|---|--------|
| Plan, direct, or coordinate the academic, clerical, or auxiliary activities of public or private elementary or secondary level schools. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 420 |
| Mean Annual Wage | 98845 |
| Educational Employment | 400 |
| Educational Mean Annual Wage | 98948 |
| Northwest Employment | 90 |
| Northwest Mean Annual Wage | 91213 |
| Southwest Employment | 100 |
| Southwest Mean Annual Wage | 104857 |
| Northeast Employment | 50 |
| Northeast Mean Annual Wage | 91118 |
| Central-SE Employment | 80 |
| Central-SE Mean Annual Wage | 96780 |

| New Hires Survey | |
|---|-------|
| New Hires est N | 73.17 |
| New Hires Median \$ | 28.85 |
| New Hires Health Ins. | 80 |
| New Hires Retirementplan | 80 |
| New Hires Paid time off | 80 |
| New Hires service orientation important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 35-44 | 20 |
| New Hires 45-54 | 80 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 430 |
| Wyoming Percentage Growth | 2.3 |
| Wyoming Annual Openings | 40 |
| Colorado 2018 Employment | 4600 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 430 |
| Idaho 2018 Employment | 890 |
| Idaho Percentage Growth | 3.4 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 570 |
| Montana Percentage Growth | 1.8 |
| Montana Annual Openings | 50 |
| Nebraska 2018 Employment | 1850 |
| Nebraska Percentage Growth | 2.2 |
| Nebraska Annual Openings | 160 |
| South Dakota 2018 Employment | 670 |
| South Dakota Percentage Growth | 1.5 |
| South Dakota Annual Openings | 60 |
| Utah 2018 Employment | 2170 |
| Utah Percentage Growth | 3.7 |
| Utah Annual Openings | 200 |

Requirements

1. Complete a teacher education program.
2. Complete an advanced program at an approved institution in administration.
3. Program must include an internship.
4. Must have three years teaching experience.

Restrictions

Conviction of a felony or of committing an immoral act. Gross negligence, incompetence, immorality or other reprehensive conduct.

Fraud or deceit in obtaining certification.

School Located in Wyoming

University of Wyoming - Laramie - Department of Professional Studies - Educational Leadership program
<http://www.uwyo.edu/profstudies/edleadership/index.html>

License

Principals of elementary and

**Total Employment
420
Mean Annual Wage
\$98,845**

secondary schools in Wyoming must be licensed with an administrative endorsement by the Professional Teaching Standards Board.

Examination

None.

Fees

Fingerprinting \$50.00
 Initial Cert. (In-State). . . . \$150.00
 Initial Cert. (Out-of-State). \$200.00
 Renewal (Every 5 years). . . \$200.00

Licensing Agency

Nish Goicolea, Executive Director
 Trisha Wright, Lead Licensing Specialist
 Professional Teaching Standards Board

1920 Thomes Ave., Ste. 400

Cheyenne, WY 82002

Phone : (307) 777-7291

Fax: (307) 777-8718

<http://ptsb.state.wy.us/>

Additional Sources of Information

Wyoming Education Association

115 E. 22nd Street

Cheyenne, WY 82001

Phone: (307) 634-7991

<http://wyoea.org/>

Occupational Outlook Handbook:

“Elementary, Middle, and High School Principals”

<http://www.bls.gov/ooh/management/elementary-middle-and-high-school-principals.htm>

Last Updated June 2019

11-9032 Education Administrators, Elementary and Secondary School

| Work Activities | | |
|--|---|--|
| 11-9032.00 - Education Administrators, Elementary and Secondary School | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 92 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 90 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 90 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 89 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 88 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 88 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 87 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 86 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 86 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 86 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 85 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 84 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 83 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 81 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 81 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 80 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 79 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 79 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 79 | Staffing Organizational Units | Recruiting, interviewing, selecting, hiring, and promoting employees in an organization. |
| 78 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 77 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 76 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 76 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |

11-9111 Medical and Health Services Managers

| | |
|---|--------|
| Plan, direct, or coordinate medicine and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 850 |
| Mean Hourly Wage | 49.36 |
| Mean Annual Wage | 102671 |
| Management Employment | 10 |
| Management Mean Hourly Wage | 93.2 |
| Management Mean Annual Wage | 193855 |
| Health Care Employment | 630 |
| Health Care Mean Hourly Wage | 48.08 |
| Health Care Mean Annual Wage | 100020 |
| Public Admin. Employment | 150 |
| Public Admin. Mean Hourly Wage | 46.72 |
| Public Admin. Mean Annual Wage | 97172 |
| Northwest Employment | 150 |
| Northwest Mean Hourly Wage | 55.49 |

| | |
|-------------------------------|--------|
| Northwest Mean Annual Wage | 115420 |
| Southwest Employment | 120 |
| Southwest Mean Hourly Wage | 44.92 |
| Southwest Mean Annual Wage | 93443 |
| Northeast Employment | 140 |
| Northeast Mean Hourly Wage | 53.26 |
| Northeast Mean Annual Wage | 110778 |
| Central-SE Employment | 80 |
| Central-SE Mean Hourly Wage | 46.84 |
| Central-SE Mean Annual Wage | 97432 |
| Cheyenne MSA Employment | 220 |
| Cheyenne MSA Mean Hourly Wage | 46.49 |
| Cheyenne MSA Mean Annual Wage | 96709 |
| Casper MSA Employment | 130 |
| Casper MSA Mean Hourly Wage | 48.51 |
| Casper MSA Mean Annual Wage | 100903 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 680 |
| Wyoming Percentage Growth | 2.9 |
| Wyoming Annual Openings | 60 |
| Colorado 2018 Employment | 4880 |
| Colorado Percentage Growth | 5.1 |
| Colorado Annual Openings | 510 |
| Idaho 2018 Employment | 2410 |
| Idaho Percentage Growth | 5 |
| Idaho Annual Openings | 250 |
| Montana 2018 Employment | 1330 |
| Montana Percentage Growth | 3.8 |
| Montana Annual Openings | 130 |
| Nebraska 2018 Employment | 3370 |
| Nebraska Percentage Growth | 4.2 |
| Nebraska Annual Openings | 330 |
| South Dakota 2018 Employment | 810 |
| South Dakota Percentage Growth | 3.7 |
| South Dakota Annual Openings | 80 |
| Utah 2018 Employment | 3320 |
| Utah Percentage Growth | 3.9 |
| Utah Annual Openings | 320 |

| Tasks | |
|---|--|
| 11-9111.00 - Medical and Health Services Managers | |
| Importance | Task |
| 85 | Develop and maintain computerized record management systems to store and process data, such as personnel activities and information, and to produce reports. |
| 84 | Direct, supervise and evaluate work activities of medical, nursing, technical, clerical, service, maintenance, and other personnel. |
| 79 | Direct or conduct recruitment, hiring, and training of personnel. |
| 79 | Develop and implement organizational policies and procedures for the facility or medical unit. |
| 78 | Conduct and administer fiscal operations, including accounting, planning budgets, authorizing expenditures, establishing rates for services, and coordinating financial reporting. |
| 75 | Maintain awareness of advances in medicine, computerized diagnostic and treatment equipment, data processing technology, government regulations, health insurance changes, and financing options. |
| 74 | Plan, implement, and administer programs and services in a health care or medical facility, including personnel administration, training, and coordination of medical, nursing and physical plant staff. |
| 73 | Prepare activity reports to inform management of the status and implementation plans of programs, services, and quality initiatives. |
| 72 | Establish work schedules and assignments for staff, according to workload, space, and equipment availability. |
| 71 | Maintain communication between governing boards, medical staff, and department heads by attending board meetings and coordinating interdepartmental functioning. |
| 70 | Establish objectives and evaluative or operational criteria for units managed. |
| 67 | Review and analyze facility activities and data to aid planning and cash and risk management and to improve service utilization. |
| 63 | Manage change in integrated health care delivery systems, such as work restructuring, technological innovations, and shifts in the focus of care. |

Total Employment
850
Mean Annual Wage
\$102,671

11-9111 Medical and Health Services Managers

| Work Activities | | |
|---|---|--|
| 11-9111.00 - Medical and Health Services Managers | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 90 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 88 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 88 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 86 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 85 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 85 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 84 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 80 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 79 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 79 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 78 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 78 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 76 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 75 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 75 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 73 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 73 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 72 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 72 | Staffing Organizational Units | Recruiting, interviewing, selecting, hiring, and promoting employees in an organization. |
| 70 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 69 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |
| 68 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |

13-1031 Claims Adjusters, Examiners, and Investigators

Review settled claims to determine that payments and settlements have been made in accordance with company practices and procedures, ensuring that proper methods have been followed. Report overpayments, underpayments, and other irregularities. Confer with

| OES (March 2018 Updated to March 2019 ECI) | |
|--|-------|
| Total Employment | 170 |
| Mean Hourly Wage | 32 |
| Mean Annual Wage | 66566 |
| Finance Employment | 100 |
| Finance Mean Hourly Wage | 31.88 |
| Finance Mean Annual Wage | 66310 |
| Cheyenne MSA Employment | 110 |
| Cheyenne MSA Mean Hourly Wage | 30 |
| Cheyenne MSA Mean Annual Wage | 62402 |
| Casper MSA Employment | 30 |
| Casper MSA Mean Hourly Wage | 34.82 |
| Casper MSA Mean Annual Wage | 72438 |

CLAIMS ADJUSTERS, EXAMINERS AND INVESTIGATORS

SOC Code 13-1031

Entry Salary

\$23.86/hr

Average Salary

\$32.00/hr

Job Description

Claims adjusters review and process loss or damage claims made against insurance companies, analyzing the claim to determine the limit of the company's responsibility. They gather facts necessary in determining fair compensation. Methods of investigation vary with each case.

Requirements for resident Claims Adjusters

1. Must be at least 18 years of age.
2. Must be a Wyoming resident or a resident of a state which permits residents of Wyoming to act as Adjusters in that state.

| New Hires Survey | |
|---|-------|
| New Hires est N | 7.67 |
| New Hires Median \$ | 15.78 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 45-54 | 100 |

This title represents a group of more specific occupations:

- 13-1031.01 Claims Examiners, Property and Casualty Insurance
- 13-1031.02 Insurance Adjusters, Examiners, and Investigators

3. Must be trustworthy and of good reputation.

4. Must be a full-time salaried employee of a licensed adjuster, be a graduate of a recognized law school or have experience dealing with loss claims.

5. Pass an exam for the appropriate line of authority within 12 months prior to applying for a license.

For information regarding non-resident Claims Adjusters go to the Wyoming Department of Insurance Licensing Division website at <https://sites.google.com/a/wyo.gov/doi/licensing/adjusters/non-resident> or call (307) 777-7319.

Continuing Education Requirement

Must complete and report 24 hours of continuing education during each licensing period, of

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 150 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 3830 |
| Colorado Percentage Growth | 0.8 |
| Colorado Annual Openings | 330 |
| Idaho 2018 Employment | 1510 |
| Idaho Percentage Growth | -2 |
| Idaho Annual Openings | 110 |
| Montana 2018 Employment | 1520 |
| Montana Percentage Growth | -0.7 |
| Montana Annual Openings | 120 |
| Nebraska 2018 Employment | 3270 |
| Nebraska Percentage Growth | 1.2 |
| Nebraska Annual Openings | 280 |
| South Dakota 2018 Employment | 720 |
| South Dakota Percentage Growth | 1.4 |
| South Dakota Annual Openings | 60 |
| Utah 2018 Employment | 2030 |
| Utah Percentage Growth | 3 |
| Utah Annual Openings | 190 |

Total Employment
170
Mean Annual Wage
\$66,566

which three hours must be in ethics. A maximum of 12 hours of company-sponsored education is allowed.

Restrictions

Professional misconduct.

School Located in Wyoming

There are no recognized insurance schools located in Wyoming.

License

A license is issued by the Wyoming Department of

13-1031 Claims Adjusters, Examiners, and Investigators

Insurance.

Examination

Examinations are administered by Pearson Vue. For more information contact Pearson Vue at <https://home.pearsonvue.com/wy/insurance> or at 866-936-7786.

Fees

Initial 2-Year License. . . . \$100.00
 Fingerprinting. \$39.00
 Renewal (every 2 years) . \$100.00
 Continuing ed. filing fee. . \$30.00

Licensing Agency

Licensing Division
 Wyoming Department of Insurance, 106 E. 6th Ave.
 Cheyenne, WY 82002
 Phone: (307) 777-7319
 Fax: (307) 777-5895
<http://doi.wyo.gov/>

Additional Sources of Information

Information

Occupational Outlook Handbook:

“Claims Adjusters, Appraisers, Examiners, and Investigators”
<http://www.bls.gov/ooh/business-and-financial/claims-adjusters-appraisers-examiners-and-investigators.htm>
 Last Updated June 2019

| Detailed Work Activities |
|---|
| 13-1031.01 - Claims Examiners, Property and Casualty Insurance |
| Detailed Work Activity |
| Investigate legal issues. |
| Negotiate agreements to resolve disputes. |
| Supervise employees. |
| Advise others on financial matters. |
| Implement financial decisions. |
| Pay charges, fees, or taxes. |
| Verify accuracy of records. |
| Maintain data in information systems or databases. |
| Examine financial records. |
| Interview witnesses, suspects, or claimants. |

| Related Occupations | |
|---|---|
| 13-1031.01 - Claims Examiners, Property and Casualty Insurance | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1031.02 | Insurance Adjusters, Examiners, and Investigators |
| 13-1041.03 | Equal Opportunity Representatives and Officers |
| 13-1071.00 | Human Resources Specialists |
| 13-2041.00 | Credit Analysts |
| 13-2053.00 | Insurance Underwriters |
| 13-2081.00 | Tax Examiners and Collectors, and Revenue Agents |
| 13-2099.04 | Fraud Examiners, Investigators and Analysts |
| 41-3021.00 | Insurance Sales Agents |
| 41-3031.02 | Sales Agents, Financial Services |
| 43-4131.00 | Loan Interviewers and Clerks |

| Work Activities | | |
|--|---|--|
| 13-1031.01 - Claims Examiners, Property and Casualty Insurance | | |
| Importance | Work Activity | Work Activity Description |
| 89 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 88 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 88 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 86 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 84 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 84 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 83 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 82 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 81 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation

This title represents a group of more specific occupations:

- 13-1041.01 Environmental Compliance Inspectors
- 13-1041.02 Licensing Examiners and Inspectors
- 13-1041.03 Equal Opportunity Representatives and Officers
- 13-1041.04 Government Property Inspectors and Investigators
- 13-1041.06 Coroners
- 13-1041.07 Regulatory Affairs Specialists

Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and perform other compliance and enforcement inspection and analysis activities not classified elsewhere.

OES (March 2018 Updated to March 2019 ECI)

| | |
|------------------------------------|-------|
| Total Employment | 400 |
| Mean Hourly Wage | 33.02 |
| Mean Annual Wage | 68671 |
| Mining Employment | 50 |
| Mining Mean Hourly Wage | 44.98 |
| Mining Mean Annual Wage | 93567 |
| Utilities Employment | 20 |
| Utilities Mean Hourly Wage | 36.39 |
| Utilities Mean Annual Wage | 75685 |
| Manufacturing Employment | 10 |
| Manufacturing Mean Hourly Wage | 39.76 |
| Manufacturing Mean Annual Wage | 82694 |
| Finance Employment | 40 |
| Finance Mean Hourly Wage | 30.76 |
| Finance Mean Annual Wage | 63984 |
| Prof. & Technical Mean Hourly Wage | 16.6 |
| Prof. & Technical Mean Ann. Wage | 34510 |
| Health Care Employment | 40 |
| Health Care Mean Hourly Wage | 35.64 |
| Health Care Mean Annual Wage | 74127 |
| Public Admin. Employment | 200 |
| Public Admin. Mean Hourly Wage | 30.71 |
| Public Admin. Mean Annual Wage | 63892 |
| Northwest Employment | 70 |
| Northwest Mean Hourly Wage | 28.7 |

| | |
|---|--------|
| Northwest Mean Annual Wage | 59683 |
| Southwest Employment | 80 |
| Southwest Mean Hourly Wage | 33.28 |
| Southwest Mean Annual Wage | 69237 |
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 36.8 |
| Northeast Mean Annual Wage | 76551 |
| Central-SE Employment | 40 |
| Central-SE Mean Hourly Wage | 35 |
| Central-SE Mean Annual Wage | 72789 |
| Cheyenne MSA Employment | 100 |
| Cheyenne MSA Mean Hourly Wage | 31.42 |
| Cheyenne MSA Mean Annual Wage | 65356 |
| Casper MSA Employment | 60 |
| Casper MSA Mean Hourly Wage | 36.02 |
| Casper MSA Mean Annual Wage | 74938 |
| New Hires Survey | |
| New Hires est N | 26.5 |
| New Hires Median \$ | 22.16 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 60.842 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

| Related Occupations | |
|---|--|
| 13-1041.01 - Environmental Compliance Inspectors | |
| O*NET-SOC Code | O*NET-SOC Title |
| 17-2111.03 | Product Safety Engineers |
| 19-1031.01 | Soil and Water Conservationists |
| 19-1031.02 | Range Managers |
| 19-1032.00 | Foresters |
| 19-2041.00 | Environmental Scientists and Specialists, Including Health |
| 19-2043.00 | Hydrologists |
| 19-4091.00 | Environmental Science and Protection Technicians, Including Health |
| 29-9011.00 | Occupational Health and Safety Specialists |
| 33-3031.00 | Fish and Game Wardens |
| 45-2011.00 | Agricultural Inspectors |

| | |
|---|---------|
| New Hires Male | 100 |
| New Hires 20-24 | 39.1577 |
| New Hires 35-44 | 19.031 |
| New Hires 45-54 | 41.811 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 390 |
| Wyoming Percentage Growth | 2.6 |
| Wyoming Annual Openings | 40 |
| Colorado 2018 Employment | 5400 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 530 |
| Idaho 2018 Employment | 1930 |
| Idaho Percentage Growth | 1 |
| Idaho Annual Openings | 160 |
| Montana 2018 Employment | 880 |
| Montana Percentage Growth | 1.1 |
| Montana Annual Openings | 70 |
| Nebraska 2018 Employment | 3240 |
| Nebraska Percentage Growth | 6.2 |
| Nebraska Annual Openings | 360 |
| South Dakota 2018 Employment | 970 |
| South Dakota Percentage Growth | 2.1 |
| South Dakota Annual Openings | 90 |
| Utah 2018 Employment | 2740 |
| Utah Percentage Growth | 5.1 |
| Utah Annual Openings | 290 |

**Total Employment
400
Mean Annual Wage
\$68,671**

13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation

| Work Activities | | |
|--|---|---|
| 13-1041.01 - Environmental Compliance Inspectors | | |
| Importance | Work Activity | Work Activity Description |
| 95 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 90 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 84 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 83 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 83 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 81 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 79 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 78 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 76 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 75 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 73 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 70 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 68 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 64 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 63 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 63 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 59 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 59 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 56 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 55 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 54 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 53 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 51 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 50 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |

13-2011 Accountants and Auditors

| | |
|--|-------|
| Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1810 |
| Mean Hourly Wage | 32.44 |
| Mean Annual Wage | 67461 |
| Mining Employment | 120 |
| Mining Mean Hourly Wage | 40.35 |
| Mining Mean Annual Wage | 83928 |
| Utilities Employment | 20 |
| Utilities Mean Hourly Wage | 36.79 |
| Utilities Mean Annual Wage | 76516 |
| Construction Employment | 60 |
| Construction Mean Hourly Wage | 39.16 |
| Construction Mean Annual Wage | 81472 |
| Manufacturing Employment | 60 |
| Manufacturing Mean Hourly Wage | 38 |
| Manufacturing Mean Annual Wage | 79053 |
| Wholesale Trade Employment | 30 |
| Wholesale Trade Mean Hourly Wage | 36 |
| Wholesale Trade Mean Annual Wage | 74880 |
| Retail Trade Employment | 10 |
| Retail Trade Mean Hourly Wage | 34.35 |
| Retail Trade Mean Annual Wage | 71449 |
| Transportation Employment | 20 |
| Transportation Mean Hourly Wage | 31.02 |
| Transportation Mean Annual Wage | 64517 |
| Information Employment | 20 |
| Information Mean Hourly Wage | 30 |
| Information Mean Annual Wage | 62393 |
| Finance Employment | 80 |
| Finance Mean Hourly Wage | 30.58 |
| Finance Mean Annual Wage | 63599 |
| Real Estate Mean Hourly Wage | 36.22 |
| Real Estate Mean Annual Wage | 75326 |
| Prof. & Technical Employment | 470 |
| Prof. & Technical Mean Hourly Wage | 34.33 |
| Prof. & Technical Mean Ann. Wage | 71409 |
| Management Employment | 20 |
| Management Mean Hourly Wage | 36.99 |
| Management Mean Annual Wage | 76939 |
| Administrative Support Employment | 30 |
| Admin. Support Mean Hourly Wage | 46.54 |

| | |
|---|--------|
| Admin. Support Mean Annual Wage | 96817 |
| Educational Employment | 110 |
| Educational Mean Hourly Wage | 29.37 |
| Educational Mean Annual Wage | 61080 |
| Health Care Employment | 140 |
| Health Care Mean Hourly Wage | 32.09 |
| Health Care Mean Annual Wage | 66738 |
| Arts Employment | 20 |
| Arts Mean Hourly Wage | 34.26 |
| Arts Mean Annual Wage | 71266 |
| Accommodation Employment | 80 |
| Accommodation Mean Hourly Wage | 25.03 |
| Accommodation Mean Annual Wage | 52056 |
| Other Services Mean Hourly Wage | 43.19 |
| Other Services Mean Annual Wage | 89834 |
| Public Admin. Employment | 450 |
| Public Admin. Mean Hourly Wage | 27.05 |
| Public Admin. Mean Annual Wage | 56265 |
| Northwest Employment | 230 |
| Northwest Mean Hourly Wage | 33.81 |
| Northwest Mean Annual Wage | 70334 |
| Southwest Employment | 280 |
| Southwest Mean Hourly Wage | 33.27 |
| Southwest Mean Annual Wage | 69202 |
| Northeast Employment | 240 |
| Northeast Mean Hourly Wage | 30.31 |
| Northeast Mean Annual Wage | 63039 |
| Central-SE Employment | 260 |
| Central-SE Mean Hourly Wage | 30.22 |
| Central-SE Mean Annual Wage | 62862 |
| Cheyenne MSA Employment | 530 |
| Cheyenne MSA Mean Hourly Wage | 29.63 |
| Cheyenne MSA Mean Annual Wage | 61628 |
| Casper MSA Employment | 280 |
| Casper MSA Mean Hourly Wage | 39.66 |
| Casper MSA Mean Annual Wage | 82498 |
| New Hires Survey | |
| New Hires est N | 217.49 |
| New Hires Median \$ | 25.48 |
| New Hires Health Insurance | 52.513 |
| New Hires Retirement Plan | 52.513 |
| New Hires Paid Time Off | 56.791 |
| New Hires Service Orientation Important | 60.353 |
| New Hires Critical Thinking Important | 100 |

| | |
|---|--------|
| New Hires Reading Comprehension | 100 |
| New Hires Female | 76.942 |
| New Hires Male | 23.058 |
| New Hires 20-24 | 5.094 |
| New Hires 25-34 | 52.339 |
| New Hires 35-44 | 19.463 |
| New Hires 45-54 | 8.279 |
| New Hires 55-64 | 5.094 |
| New Hires 65+ | 4.6 |
| New Hires Age Unknown | 5.1 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1980 |
| Wyoming Percentage Growth | 2 |
| Wyoming Annual Openings | 200 |
| Colorado 2018 Employment | 39880 |
| Colorado Percentage Growth | 4.4 |
| Colorado Annual Openings | 4420 |
| Idaho 2018 Employment | 4550 |
| Idaho Percentage Growth | 3.5 |
| Idaho Annual Openings | 480 |
| Montana 2018 Employment | 3530 |
| Montana Percentage Growth | 2.5 |
| Montana Annual Openings | 360 |
| Nebraska 2018 Employment | 10320 |
| Nebraska Percentage Growth | 2.7 |
| Nebraska Annual Openings | 1050 |
| South Dakota 2018 Employment | 5190 |
| South Dakota Percentage Growth | 3.1 |
| South Dakota Annual Openings | 540 |
| Utah 2018 Employment | 11480 |
| Utah Percentage Growth | 6.4 |
| Utah Annual Openings | 1410 |

Total Employment
1,810
Mean Annual Wage
\$67,461

13-2011 Accountants and Auditors

| Tasks | |
|--------------------------|--|
| 13-2011.01 - Accountants | |
| Importance | Task |
| 81 | Develop, maintain, and analyze budgets, preparing periodic reports that compare budgeted costs to actual costs. |
| 81 | Prepare, examine, or analyze accounting records, financial statements, or other financial reports to assess accuracy, completeness, and conformance to reporting and procedural standards. |
| 81 | Review accounts for discrepancies and reconcile differences. |
| 81 | Prepare adjusting journal entries. |
| 79 | Establish tables of accounts and assign entries to proper accounts. |
| 76 | Analyze business operations, trends, costs, revenues, financial commitments, and obligations to project future revenues and expenses or to provide advice. |
| 76 | Report to management regarding the finances of establishment. |
| 75 | Develop, implement, modify, and document recordkeeping and accounting systems, making use of current computer technology. |
| 71 | Advise management about issues such as resource utilization, tax strategies, and the assumptions underlying budget forecasts. |
| 87 | Maintain or examine the records of government agencies. |
| 79 | Compute taxes owed and prepare tax returns, ensuring compliance with payment, reporting, or other tax requirements. |
| 78 | Advise clients in areas such as compensation, employee health care benefits, the design of accounting or data processing systems, or long-range tax or estate plans. |
| 77 | Represent clients before taxing authorities and provide support during litigation involving financial issues. |
| 74 | Provide internal and external auditing services for businesses or individuals. |
| 67 | Prepare forms and manuals for accounting and bookkeeping personnel and direct their work activities. |
| 64 | Appraise, evaluate, and inventory real property and equipment, recording information such as the description, value, and location of property. |

| Work Activities | | |
|--------------------------|---|--|
| 13-2011.01 - Accountants | | |
| Importance | Work Activity | Work Activity Description |
| 89 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 81 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 77 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 76 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 75 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 74 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 73 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |

13-2021 Appraisers and Assessors of Real Estate

| | |
|--|-------|
| Appraisers and assessors of real estate inspect new and existing properties. Appraisers and assessors of real estate provide a value estimate on land and buildings usually before they are sold, mortgaged, taxed, insured, or developed. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Public Admin. Employment | 130 |
| Public Admin. Mean Hourly Wage | 23.77 |
| Public Admin. Mean Annual Wage | 49453 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 20.21 |
| Northwest Mean Annual Wage | 42041 |
| Southwest Mean Hourly Wage | 41.55 |
| Southwest Mean Annual Wage | 86426 |
| Northeast Employment | 60 |
| Northeast Mean Hourly Wage | 27.35 |
| Northeast Mean Annual Wage | 56881 |
| Central-SE Employment | 20 |
| Central-SE Mean Hourly Wage | 22.16 |
| Central-SE Mean Annual Wage | 46092 |
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 23.88 |
| Cheyenne MSA Mean Annual Wage | 49669 |
| Casper MSA Employment | 20 |
| Casper MSA Mean Hourly Wage | 24.08 |
| Casper MSA Mean Annual Wage | 50086 |

| New Hires Survey | |
|---|--------|
| New Hires est N | 31.13 |
| New Hires Median \$ | 12.72 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 33.333 |
| New Hires Male | 66.667 |
| New Hires 35-44 | 33.333 |
| New Hires 45-54 | 66.667 |

**Total Employment
310
Mean Annual Wage
\$49,669**

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 310 |
| Wyoming Percentage Growth | 3.2 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 2490 |
| Colorado Percentage Growth | 7.2 |
| Colorado Annual Openings | 250 |
| Idaho 2018 Employment | 360 |
| Idaho Percentage Growth | 2.8 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 440 |
| Montana Percentage Growth | 2.3 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 660 |
| Nebraska Percentage Growth | 4.5 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 410 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 1110 |
| Utah Percentage Growth | 8.1 |
| Utah Annual Openings | 120 |

APPRAISERS AND ASSESSORS OF REAL ESTATE

SOC Code 13-2021

Entry Salary

\$17.92/hr

Average Salary

\$28.72/hr

Job Description

Appraisal of all types of property.

Requirements

1. Must be at least 18 years of age.
2. Must pass an exam.
3. Education:
 - a. For a Certified General Appraiser license, candidate must provide proof of having successfully completed 300 hours of creditable classroom hours in courses related to real estate appraisal plus hold a bachelors degree or higher from an accredited college or university. Additionally, 3,000 hours of

experience must be obtained before applying for certification.

- b. For a Certified Residential Appraisers license, candidate must provide proof of having successfully completed 200 hours of creditable classroom hours in courses related to real estate appraisal plus hold a bachelors degree or higher from an accredited college or university. Additionally, 2,500 hours of experience must be obtained before applying for certification.

School Located in Wyoming

There are no schools in Wyoming that regularly offer classes approved by the Real Estate Appraiser Board. For a complete listing of the locations and classes offered, contact the Wyoming Real Estate Appraiser Board.

License

Appraisers must be certified by the Wyoming Real Estate Appraiser Board.

Examination

The Appraiser exam is given by the Real Estate Appraiser Examination Program.

Fees

| | |
|--|----------|
| Examination | \$100.00 |
| Certified General or Residential Permit | \$400.00 |
| Certified General or Residential Renewal | \$400.00 |
| Appraiser Federal Registry Fee (Annual) | \$40.00 |
| Education Account | \$20.00 |
| Temporary work order . . . | \$200.00 |
| Course or Instructor Approval | \$50.00 |

Licensing Agency

Nicole Novotny Smith, Executive Director
Wyoming Real Estate Commission and Certified Appraiser Board
2617 E. Lincolnway, Suite H

13-2021 Appraisers and Assessors of Real Estate

Cheyenne, Wyoming 82002

Phone: (307) 777-7141

Fax: (307) 777-3796

<http://realestate.wyo.gov/>

Additional Sources of Information

Occupational Outlook Handbook:

“Appraisers and Assessors of Real Estate”, <http://www.bls.gov/ooh/business-and-financial/appraisers-and-assessors-of-real-estate.htm>

Updated June 2019

| Tasks | |
|--------------------------------------|--|
| 13-2021.02 - Appraisers, Real Estate | |
| Importance | Task |
| 94 | Compute final estimation of property values, taking into account such factors as depreciation, replacement costs, value comparisons of similar properties, and income potential. |
| 91 | Prepare written reports that estimate property values, outline methods by which the estimations were made, and meet appraisal standards. |
| 88 | Collect and analyze relevant data to identify real estate market trends. |
| 84 | Inspect properties to evaluate construction, condition, special features, and functional design, and to take property measurements. |
| 82 | Examine income records and operating costs of income properties. |
| 81 | Evaluate land and neighborhoods where properties are situated, considering locations and trends or impending changes that could influence future values. |
| 79 | Search public records for transactions such as sales, leases, and assessments. |
| 78 | Check building codes and zoning bylaws to determine any effects on the properties being appraised. |
| 75 | Verify legal descriptions of properties by comparing them to county records. |

| Work Activities | | |
|--------------------------------------|---|---|
| 13-2021.02 - Appraisers, Real Estate | | |
| Importance | Work Activity | Work Activity Description |
| 89 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 89 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 78 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 76 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 75 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 74 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 70 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 65 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 64 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 61 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 60 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 60 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 59 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 59 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

17-1011 Architects, Except Landscape and Naval

| | |
|--|-------|
| Plan and design land areas for such projects as parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 100 |
| Mean Hourly Wage | 41.77 |
| Mean Annual Wage | 86885 |
| Prof. & Technical Employment | 100 |
| Prof. & Technical Mean Hourly Wage | 42.14 |
| Prof. & Technical Mean Annual Wage | 87656 |
| Northwest Mean Hourly Wage | 47.49 |
| Northwest Mean Annual Wage | 98788 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 44.66 |
| Southwest Mean Annual Wage | 92900 |
| Northeast Employment | 10 |
| Northeast Mean Hourly Wage | 36.05 |
| Northeast Mean Annual Wage | 74973 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 33.87 |
| Cheyenne MSA Mean Annual Wage | 70440 |
| Casper MSA Employment | 10 |
| Casper MSA Mean Hourly Wage | 43.68 |
| Casper MSA Mean Annual Wage | 90842 |
| New Hires Survey | |
| New Hires est N | 88.63 |
| New Hires Median \$ | 32 |
| New Hires Health Insurance | 37.5 |
| New Hires Retirement Plan | 25 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 50 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 25 |
| New Hires Male | 62.5 |
| New Hires Sex Unknown | 12.5 |
| New Hires 25-34 | 12.5 |
| New Hires 35-44 | 37.5 |
| New Hires 45-54 | 25 |
| New Hires 55-64 | 12.5 |
| New Hires Age Unknown | 12.5 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 160 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |

| | |
|--------------------------------|------|
| Colorado 2018 Employment | 4350 |
| Colorado Percentage Growth | 3.2 |
| Colorado Annual Openings | 380 |
| Idaho 2018 Employment | 350 |
| Idaho Percentage Growth | 2.9 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 660 |
| Montana Percentage Growth | 1.5 |
| Montana Annual Openings | 50 |
| Nebraska 2018 Employment | 920 |
| Nebraska Percentage Growth | 2.2 |
| Nebraska Annual Openings | 80 |
| South Dakota 2018 Employment | 130 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 1040 |
| Utah Percentage Growth | 5.8 |
| Utah Annual Openings | 110 |

ARCHITECTS, EXCEPT LANDSCAPE AND NAVAL SOC Code 17-1011

Entry Salary

\$28.54/hr

Average Salary

\$36.55/hr

Job Description

Architects render or offer to render service to clients in the following areas: advice, consultation, planning, architectural design, drawings and specifications. They provide service as the general administrator of the contract as the owners representative during the construction phase, wherein expert enlargement or alteration of any building or buildings, or the equipment, or utilities or the accessories, wherein the safeguarding of life, health or property is involved.

Requirements

1. Be an adult.
2. Be of good moral character

| |
|---|
| <p>Total Employment 100 Mean Annual Wage \$86,885</p> |
|---|

and repute.

3. Hold a professional degree in architecture from a National Architectural Accrediting Board (NAAB) accredited school of architecture.

4. Satisfy Architectural Experience Program (AXP) requirements in accordance to the National Council of Architectural Registration Boards AXP guidelines.

5. Pass the Architectural Registration Exam (ARE).

Restrictions

Fraud or deceit in obtaining a license.

Fraud or deceit in the practice of architecture.

Mental incompetency.

Incompetency, untrustworthiness or misconduct in the practice of architecture.

Violating the rules or regulations set forth for architects.

School Located in Wyoming

There are no Architectural schools located in Wyoming.

License

Anyone wishing to practice architecture in Wyoming must be licensed by the Board of Architects and Landscape Architects. Examination

17-1011 Architects, Except Landscape and Naval

Contact the Board for examination information.

Fees

Initial License by Exam . . . No Fee

Initial License by NCARB or CLARB

Reciprocity. \$175.00

By State Reciprocity \$300.00

Biennium License Renewal,

Online \$125.00

Biennium License Renewal, Paper.

. \$150.00

Licensing Agency

Jason Brock, Licensing Specialist
Board of Architects and
Landscape Architects

2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone: (307) 777-3628

Fax: (307) 777-3508

<http://architects.wyo.gov/home>

Additional Sources of Information

The American Institute of

Architects

1735 New York Ave., NW

Washington, DC 20006-5292

Phone: (800) 242-3837

<http://aia.org/>

The Society of American

Registered Architects

14 E. 38th St.

New York, NY 10016

Phone: (888) 385-7272

<http://sara-national.org/>

National Council of Architectural
Registration Boards

1401 H Street NW Suite 500

Washington, DC, 20005

Phone: (202) 879-0520

<http://ncarb.org/>

Occupational Outlook Handbook:
"Architects"

<http://www.bls.gov/ooh/>

architecture-and-engineering/
architects.htm

Last updated June 2019

| Work Activities | | |
|---|--|---|
| 17-1011.00 - Architects, Except Landscape and Naval | | |
| Importance | Work Activity | Work Activity Description |
| 91 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 90 | Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment | Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used. |
| 87 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 85 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 84 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 84 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 79 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 76 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |

17-1012 Landscape Architects

| | |
|--|-------|
| Plan and design land areas for such projects as parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 40 |
| Mean Hourly Wage | 38.96 |
| Mean Annual Wage | 81040 |
| Prof. & Technical Employment | 20 |
| Prof. & Technical Mean Hourly Wage | 37.22 |
| Prof. & Technical Mean Annual Wage | 77415 |
| Public Admin. Employment | 20 |
| Public Admin. Mean Hourly Wage | 41.21 |
| Public Admin. Mean Annual Wage | 85711 |
| Northwest Employment | 10 |
| Northwest Mean Hourly Wage | 38.83 |
| Northwest Mean Annual Wage | 80781 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 39.45 |
| Southwest Mean Annual Wage | 82048 |

LANDSCAPE ARCHITECTS SOC Code 17-1012

Entry Salary

\$29.34/hr

Average Salary

\$38.96/hr

Job Description

Landscape Architects render or offer to render service to clients in the following areas: advice, consultation, planning, landscape architectural design, drawings and specifications. They provide service as the general administrator of the contract as the owners representative during the construction phase, wherein expert knowledge and skill are required in connection with landscape enhancement or landscape development, including the formulation of graphic or written criteria to govern the planning or design of land construction projects, production of overall sight plans, landscape

| New Hires Survey | |
|---|--------|
| New Hires est N | 23.62 |
| New Hires Median \$ | 6.67 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 46.915 |
| New Hires Paid Time Off | 46.915 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 25-34 | 46.915 |
| New Hires 35-44 | 53.085 |

**Total Employment
40
Mean Annual Wage
\$81,040**

grading and landscape drainage plans, planting plans, irrigation plans and construction details wherein the safeguarding of life, health, or property is concerned.

Requirements

1. Be an adult.
2. Be of good moral character and repute.
3. Hold a professional degree in landscape architecture from a Landscape Architectural Accrediting Board (LAAB) accredited school of landscape architecture.
4. Three years of diversified experience in Landscape Architecture with one year under the direct supervision of a licensed landscape architect.
5. Pass the Landscape

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Colorado 2018 Employment | 420 |
| Colorado Percentage Growth | 2.4 |
| Colorado Annual Openings | 40 |
| Idaho 2018 Employment | 60 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Nebraska 2018 Employment | 100 |
| Nebraska Percentage Growth | 10 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 180 |
| South Dakota Percentage Growth | 5.6 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 230 |
| Utah Percentage Growth | 4.3 |
| Utah Annual Openings | 20 |

Architectural Registration Exam (LARE).

Restrictions

Fraud or deceit in obtaining a license.

Fraud or deceit in the practice of landscape architecture.

Mental incompetency.

Incompetency, untrustworthiness or misconduct in the practice of landscape architecture.

Violating the rules or regulations set forth for landscape architects.

School Located in Wyoming

There are no Landscape Architectural schools located in Wyoming.

License

Anyone wishing to practice landscape architecture in Wyoming must be licensed by the Board of Architects and Landscape Architects.

Examination

Contact the Board for examination information.

Fees

Initial License by Exam . . . No Fee

17-1012 Landscape Architects

Initial License by NCARB or CLARB reciprocity. \$175.00

Initial License by State Reciprocity \$300.00

Biennium License

Renewal, Online \$125.00

Biennium License

Renewal, Paper. \$150.00

Licensing Agency

Jason Brock, Licensing Specialist

Board of Architects and

Landscape Architects

2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone:(307) 777-7387

Fax: (307) 777-3508

<http://architects.wyo.gov/home>

Additional Sources of Information

American Society of Landscape

Architects

636 Eye St., NW

Washington, DC 20001-3736

Phone: (202) 898-2444

<http://asla.org/>

Landscape Architecture

Foundation

1129 20th Street, NW, Ste. 202

Washington, DC 20036

Phone: (202) 331-7070

<http://lafoundation.org/>

Council of Landscape

Architectural Registration Boards

(CLARB)

1840 Michael Faraday Dr., Ste.

200

Reston, VA 20190

Phone: (571) 432-0332

<https://www.clarb.org/>

Occupational Outlook Handbook:

“Landscape Architects”

[http://www.bls.gov/ooh/](http://www.bls.gov/ooh/architecture-and-engineering/landscape-architects.htm)

[architecture-and-engineering/](http://www.bls.gov/ooh/architecture-and-engineering/landscape-architects.htm)

[landscape-architects.htm](http://www.bls.gov/ooh/architecture-and-engineering/landscape-architects.htm)

Last updated June 2019

| Related Occupations | |
|-----------------------------------|--|
| 17-1012.00 - Landscape Architects | |
| O*NET-SOC Code | O*NET-SOC Title |
| 11-9021.00 | Construction Managers |
| 11-9041.00 | Architectural and Engineering Managers |
| 17-1011.00 | Architects, Except Landscape and Naval |
| 17-2051.00 | Civil Engineers |
| 19-1031.01 | Soil and Water Conservationists |
| 19-1031.02 | Range Managers |
| 19-3099.01 | Transportation Planners |
| 19-4061.01 | City and Regional Planning Aides |
| 25-1031.00 | Architecture Teachers, Postsecondary |
| 27-1025.00 | Interior Designers |

| Work Activities | | |
|-----------------------------------|--|---|
| 17-1012.00 - Landscape Architects | | |
| Importance | Work Activity | Work Activity Description |
| 95 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 87 | Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment | Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used. |
| 86 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 85 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 84 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 79 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 79 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 78 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |

17-1022 Surveyors

| | |
|---|-------|
| Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 230 |
| Mean Hourly Wage | 32.36 |
| Mean Annual Wage | 67308 |
| Mining Employment | 20 |
| Mining Mean Hourly Wage | 33.93 |
| Mining Mean Annual Wage | 70584 |
| Prof. & Technical Employment | 190 |
| Prof. & Technical Mean Hourly Wage | 31.91 |
| Prof. & Technical Mean Annual Wage | 66374 |
| Public Admin. Employment | 20 |
| Public Admin. Mean Hourly Wage | 35 |

| | |
|--------------------------------|-------|
| Public Admin. Mean Annual Wage | 72794 |
| Northwest Employment | 20 |
| Northwest Mean Hourly Wage | 34.17 |
| Northwest Mean Annual Wage | 71082 |
| Southwest Employment | 80 |
| Southwest Mean Hourly Wage | 32.56 |
| Southwest Mean Annual Wage | 67729 |
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 35.8 |
| Northeast Mean Annual Wage | 74463 |
| Central-SE Employment | 10 |
| Central-SE Mean Hourly Wage | 31.87 |
| Central-SE Mean Annual Wage | 66276 |
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 27.01 |
| Cheyenne MSA Mean Annual Wage | 56188 |
| Casper MSA Employment | 40 |
| Casper MSA Mean Hourly Wage | 30.64 |

| | |
|---|--------|
| Casper MSA Mean Annual Wage | 63735 |
| New Hires Survey | |
| New Hires est N | 75.98 |
| New Hires Median \$ | 34 |
| New Hires Health Insurance | 85.418 |
| New Hires Retirement Plan | 85.418 |
| New Hires Paid Time Off | 85.418 |
| New Hires Service Orientation Important | 70.836 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 85.418 |
| New Hires Female | 29.164 |
| New Hires Male | 64.966 |
| New Hires Sex Unknown | 5.9 |
| New Hires 25-34 | 29.164 |
| New Hires 35-44 | 43.746 |
| New Hires 45-54 | 21.219 |
| New Hires Age Unknown | 5.9 |

| | |
|---|------|
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 260 |
| Wyoming Percentage Growth | 3.8 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 1530 |
| Colorado Percentage Growth | 4.6 |
| Colorado Annual Openings | 140 |
| Idaho 2018 Employment | 320 |
| Idaho Percentage Growth | 3.1 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 380 |
| Montana Percentage Growth | 2.6 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 350 |
| Nebraska Percentage Growth | 2.9 |
| Nebraska Annual Openings | 30 |
| South Dakota 2018 Employment | 160 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 570 |
| Utah Percentage Growth | 7 |

SURVEYORS

SOC Code 17-1022

Entry Salary

\$26.12/hr

Average Salary

\$32.36/hr

Job Description

Surveyors measure the earth's surface to determine the contour, location and dimension of land features.

Requirements

Surveyor:

1. Pass the National Council of Examiners for Engineering and Surveying (NCEES) examination.
2. Pass the Wyoming take-home examination.
3. Pass the Wyoming State Specific examination.
4. Registered as a Land Surveyor Intern and actively engaged in education and experience satisfactory to the Board in professional land surveying for at least four years beyond that required for registration as a Land Surveyor Intern; or, An applicant

Total Employment
230
Mean Annual Wage
\$67,308

who holds a valid registration in another state, jurisdiction, territory or country may be considered for registration provided the applicant submits evidence that the education, experience and examination requirements under which he is registered are substantially identical to or better than those existing in Wyoming and successfully passes the Wyoming examinations.

Land Surveyor Intern:

1. Be of good moral character and repute.
2. Pass the NCEES Fundamentals of Surveying examination.
3. Complete a Bachelor of Science

Degree in a land surveying or engineering curriculum accredited by Accreditation Board for Engineering and Technology/Technology Accreditation Commission (ABET/TAC) or ABET/ASAC (Accreditation Board for Engineering and Technology/Applied Science

17-1022 Surveyors

Accreditation Commission) or ABET/EAC (Accreditation Board for Engineering and Technology/ Engineering Accreditation Commission). Curriculum must include at least 30 semester credit hours in surveying, mapping, and other courses approved by the Board.

ALTERNATIVELY: Have an Associate degree in surveying technology in a curriculum accredited at the time of graduation by ABET/TAC or ABET/ASAC or otherwise approved by the Board plus four years of combined office and field experience in land surveying, of which two years shall have been in boundary land surveying projects under the supervision of a registered professional land surveyor. These four years of experience may be accumulated while the applicant is completing the Associates degree.

Restrictions

Fraud or deceit in obtaining registration.
Gross negligence, misconduct or incompetence in practice.
Violation of any provision of land surveying law.

License

Professional Land Surveyors are licensed in Wyoming by the Board

of Professional Engineers and Professional Land Surveyors.

Examination

Examinations shall be given according to the National Council of Examiners for Engineering and Surveying (NCEES). Go to <https://ncees.org/> for more information.

Fees

Application \$100.00
Examination: Fundamentals of Surveying. . . . NCEES national exam fee \$225.00
Professional Land Surveyor Principles and Practice NCEES national exam fee \$300.00 + \$25.00
Wyoming Land Surveying Examination \$100.00
Wyoming Land Surveying Take-Home Exam . . . \$100.00
Individual biennial renewal fee \$ 90.00

Licensing Agency

Shanon Stanfill, Executive Director
Board of Professional Engineers and Professional Land Surveyors
6920 Yellowtail Rd., Ste. 100
Cheyenne, WY 82002
Phone: (307) 777-6155
Fax: (307) 777-3403
<http://engineersandsurveyors.wy.gov/>

School Located in Wyoming

University of Wyoming - Laramie

- Department of Civil and Architectural Engineering (Cadastral Surveying Certification or Minor program
<http://www.uwyo.edu/civil/landsurvey/>
Sheridan College - Sheridan - Survey Technology
<https://www.sheridan.edu/academics/programs-a-z/surveying-technology/>
Additional Sources of Information
Accreditation Board for Engineering & Technology (ABET)
415 N. Charles Street
Baltimore, MD 21201
Phone: (410) 347-7700
<http://www.abet.org/>
National Council of Examiners for Engineering and Surveying
280 Seneca Creek Road
Seneca, SC 29678
Phone: (800) 250-3196
<http://ncees.org>
National Society of Professional Surveyors
5119 Pegasus Court, Ste. Q
Frederick, MD 21704
Phone: (240) 439-4615
<http://www.nspss.us.com>
Occupational Outlook Handbook: "Surveyors"
<http://www.bls.gov/ooh/architecture-and-engineering/surveyors.htm>
Last updated June 2019

| Work Activities | | |
|------------------------|---------------------------------------|--|
| 17-1022.00 - Surveyors | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 84 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |

17-2041 Chemical Engineers

| | |
|---|--------|
| Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 70 |
| Mean Hourly Wage | 51.59 |
| Mean Annual Wage | 107322 |
| Mining Employment | 10 |
| Mining Mean Hourly Wage | 52.75 |
| Mining Mean Annual Wage | 109728 |
| Manufacturing Employment | 30 |
| Manufacturing Mean Hourly Wage | 56.9 |
| Manufacturing Mean Annual Wage | 118366 |
| Southwest Employment | 10 |
| Southwest Mean Hourly Wage | 54.24 |

| | |
|----------------------------------|--------|
| Southwest Mean Annual Wage | 112813 |
| Central-SE Employment | 20 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 57.5 |
| Cheyenne MSA Mean Ann.Wage | 119600 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 90 |
| Wyoming Percentage Growth | 11.1 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 670 |
| Colorado Percentage Growth | 3 |
| Colorado Annual Openings | 50 |
| Idaho 2018 Employment | 90 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 10 |
| Nebraska 2018 Employment | 160 |
| Nebraska Percentage Growth | 6.3 |

| | |
|--------------------------|-----|
| Nebraska Annual Openings | 10 |
| Utah 2018 Employment | 200 |
| Utah Percentage Growth | 5 |
| Utah Annual Openings | 20 |

**Total Employment
70
Mean Annual Wage
\$107,332**

| Work Activities | | |
|---------------------------------|---|--|
| 17-2041.00 - Chemical Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 92 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 89 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 88 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 86 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 82 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 80 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 79 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 77 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 74 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 71 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

17-2041 Chemical Engineers

| Tasks | |
|---------------------------------|--|
| 17-2041.00 - Chemical Engineers | |
| Importance | Task |
| 89 | Monitor and analyze data from processes and experiments. |
| 88 | Develop safety procedures to be employed by workers operating equipment or working in close proximity to ongoing chemical reactions. |
| 85 | Develop processes to separate components of liquids or gases or generate electrical currents, using controlled chemical processes. |
| 80 | Troubleshoot problems with chemical manufacturing processes. |
| 79 | Evaluate chemical equipment and processes to identify ways to optimize performance or to ensure compliance with safety and environmental regulations. |
| 76 | Conduct research to develop new and improved chemical manufacturing processes. |
| 76 | Perform laboratory studies of steps in manufacture of new products and test proposed processes in small-scale operation, such as a pilot plant. |
| 73 | Prepare estimate of production costs and production progress reports for management. |
| 73 | Design measurement and control systems for chemical plants based on data collected in laboratory experiments and in pilot plant operations. |
| 70 | Determine most effective arrangement of operations such as mixing, crushing, heat transfer, distillation, and drying. |
| 69 | Direct activities of workers who operate or are engaged in constructing and improving absorption, evaporation, or electromagnetic equipment. |
| 69 | Perform tests and monitor performance of processes throughout stages of production to determine degree of control over variables such as temperature, density, specific gravity, and pressure. |

| Skills | | |
|---------------------------------|------------------------------|---|
| 17-2041.00 - Chemical Engineers | | |
| Importance | Skill | Skill Description |
| 81 | Science | Using scientific rules and methods to solve problems. |
| 78 | Complex Problem Solving | Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions. |
| 75 | Critical Thinking | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| 72 | Reading Comprehension | Understanding written sentences and paragraphs in work related documents. |
| 72 | Mathematics | Using mathematics to solve problems. |
| 72 | Judgment and Decision Making | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| 72 | Systems Analysis | Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes. |
| 69 | Active Learning | Understanding the implications of new information for both current and future problem-solving and decision-making. |
| 69 | Systems Evaluation | Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system. |
| 66 | Speaking | Talking to others to convey information effectively. |
| 66 | Operations Analysis | Analyzing needs and product requirements to create a design. |
| 60 | Active Listening | Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times. |
| 56 | Writing | Communicating effectively in writing as appropriate for the needs of the audience. |
| 56 | Monitoring | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| 53 | Operation Monitoring | Watching gauges, dials, or other indicators to make sure a machine is working properly. |
| 50 | Social Perceptiveness | Being aware of others' reactions and understanding why they react as they do. |

17-2051 Civil Engineers

| | |
|--|--------|
| Perform engineering duties in planning, designing, and overseeing construction and maintenance of building structures, and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, and water and sewage systems. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 850 |
| Mean Hourly Wage | 41.68 |
| Mean Annual Wage | 86708 |
| Construction Employment | 40 |
| Construction Mean Hourly Wage | 32.83 |
| Construction Mean Annual Wage | 68299 |
| Prof. & Technical Employment | 420 |
| Prof. & Technical Mean Hourly Wage | 47.73 |
| Prof. & Technical Mean Ann, Wage | 99271 |
| Public Admin. Employment | 320 |
| Public Admin. Mean Hourly Wage | 34.32 |
| Public Admin. Mean Annual Wage | 71374 |
| Northwest Employment | 140 |
| Northwest Mean Hourly Wage | 59.39 |
| Northwest Mean Annual Wage | 123519 |

| | |
|-----------------------------|-------|
| Southwest Employment | 190 |
| Southwest Mean Hourly Wage | 39.51 |
| Southwest Mean Annual Wage | 82162 |
| Northeast Employment | 120 |
| Northeast Mean Hourly Wage | 39.28 |
| Northeast Mean Annual Wage | 81705 |
| Central-SE Employment | 70 |
| Central-SE Mean Hourly Wage | 33.22 |
| Central-SE Mean Annual Wage | 69093 |
| Cheyenne MSA Employment | 230 |

**Total Employment
850
Mean Annual Wage
\$86,708**

| | |
|---|---------|
| Cheyenne MSA Mean Hourly Wage | 37.05 |
| Cheyenne MSA Mean Annual Wage | 77074 |
| Casper MSA Employment | 90 |
| Casper MSA Mean Hourly Wage | 41.44 |
| Casper MSA Mean Annual Wage | 86185 |
| New Hires Survey | |
| New Hires est N | 166.19 |
| New Hires Median \$ | 34.04 |
| New Hires Health Insurance | 93.333 |
| New Hires Retirement Plan | 86.667 |
| New Hires Paid Time Off | 93.333 |
| New Hires Service Orientation Important | 86.667 |
| New Hires Critical Thinking Important | 86.667 |
| New Hires Reading Comprehension | 86.667 |
| New Hires Female | 13.333 |
| New Hires Male | 73.333 |
| New Hires Sex Unknown | 13.3 |
| New Hires 20-24 | 13.3333 |
| New Hires 25-34 | 40 |
| New Hires 35-44 | 13.333 |
| New Hires 45-54 | 20 |
| New Hires Age Unknown | 13.3 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 840 |
| Wyoming Percentage Growth | 1.2 |
| Wyoming Annual Openings | 70 |
| Colorado 2018 Employment | 9630 |
| Colorado Percentage Growth | 4.4 |
| Colorado Annual Openings | 910 |
| Idaho 2018 Employment | 2670 |
| Idaho Percentage Growth | 2.6 |
| Idaho Annual Openings | 230 |
| Montana 2018 Employment | 1570 |
| Montana Percentage Growth | 3.2 |
| Montana Annual Openings | 130 |
| Nebraska 2018 Employment | 1550 |
| Nebraska Percentage Growth | 3.9 |
| Nebraska Annual Openings | 150 |
| South Dakota 2018 Employment | 1220 |
| South Dakota Percentage Growth | 2.5 |
| South Dakota Annual Openings | 100 |
| Utah 2018 Employment | 3360 |
| Utah Percentage Growth | 7.4 |
| Utah Annual Openings | 370 |

| Tasks | |
|-------------------------------------|---|
| 17-2051.00 - Civil Engineers | |
| Importance | Task |
| 75 | Inspect project sites to monitor progress and ensure conformance to design specifications and safety or sanitation standards. |
| 73 | Compute load and grade requirements, water flow rates, or material stress factors to determine design specifications. |
| 73 | Provide technical advice to industrial or managerial personnel regarding design, construction, program modifications, or structural repairs. |
| 72 | Test soils or materials to determine the adequacy and strength of foundations, concrete, asphalt, or steel. |
| 71 | Manage and direct the construction, operations, or maintenance activities at site. |
| 65 | Direct or participate in surveying to lay out installations or establish reference points, grades, or elevations to guide construction. |
| 65 | Estimate quantities and cost of materials, equipment, or labor to determine project feasibility. |
| 64 | Plan and design transportation or hydraulic systems or structures, using computer-assisted design or drawing tools. |
| 63 | Prepare or present public reports on topics such as bid proposals, deeds, environmental impact statements, or property and right-of-way descriptions. |
| 63 | Design energy-efficient or environmentally sound civil structures. |
| 63 | Identify environmental risks and develop risk management strategies for civil engineering projects. |
| 62 | Direct engineering activities, ensuring compliance with environmental, safety, or other governmental regulations. |
| 60 | Analyze survey reports, maps, drawings, blueprints, aerial photography, or other topographical or geologic data. |

17-2051 Civil Engineers

| Work Activities | | |
|------------------------------|---|---|
| 17-2051.00 - Civil Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 84 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 77 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 75 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 75 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 73 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 71 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 71 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 71 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 70 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 70 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 69 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 68 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 66 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 66 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 66 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |
| 65 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 65 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 65 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 64 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 63 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 63 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 61 | Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment | Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used. |

17-2071 Electrical Engineers

| | |
|--|--------|
| Design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use. Exclude "Computer Hardware Engineers" (17-2061). | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 250 |
| Mean Hourly Wage | 45.47 |
| Mean Annual Wage | 94584 |
| Mining Employment | 20 |
| Mining Mean Hourly Wage | 53.81 |
| Mining Mean Annual Wage | 111934 |
| Utilities Employment | 80 |
| Utilities Mean Hourly Wage | 47.47 |
| Utilities Mean Annual Wage | 98749 |
| Construction Mean Hourly Wage | 50.51 |
| Construction Mean Annual Wage | 105071 |
| Manufacturing Employment | 30 |
| Manufacturing Mean Hourly Wage | 45.95 |
| Manufacturing Mean Annual Wage | 95566 |
| Prof. & Technical Employment | 30 |
| Prof. & Technical Mean Hourly Wage | 40.23 |
| Prof. & Technical Mean Annual Wage | 83675 |
| Public Admin. Employment | 20 |
| Public Admin. Mean Hourly Wage | 42.64 |
| Public Admin. Mean Annual Wage | 88697 |
| Southwest Employment | 70 |
| Southwest Mean Hourly Wage | 47.78 |
| Southwest Mean Annual Wage | 99387 |

| | |
|---|--------|
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 47.12 |
| Northeast Mean Annual Wage | 98005 |
| Central-SE Employment | 40 |
| Central-SE Mean Hourly Wage | 46.12 |
| Central-SE Mean Annual Wage | 95938 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 38.2 |
| Cheyenne MSA Mean Annual Wage | 79458 |
| Casper MSA Employment | 60 |
| Casper MSA Mean Hourly Wage | 43.62 |
| Casper MSA Mean Annual Wage | 90729 |
| New Hires Survey | |
| New Hires est N | 84.05 |
| New Hires Median \$ | 28.85 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 86.818 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 13.182 |
| New Hires Male | 80.818 |
| New Hires Sex Unknown | 6 |
| New Hires 20-24 | 5.9999 |
| New Hires 25-34 | 51.876 |
| New Hires 35-44 | 30.818 |
| New Hires 55-64 | 5.306 |

| | |
|---|------|
| New Hires Age Unknown | 6 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 330 |
| Wyoming Percentage Growth | 3 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 3910 |
| Colorado Percentage Growth | 4.3 |
| Colorado Annual Openings | 340 |
| Idaho 2018 Employment | 1510 |
| Idaho Percentage Growth | 5.3 |
| Idaho Annual Openings | 140 |
| Montana 2018 Employment | 920 |
| Montana Percentage Growth | 2.2 |
| Montana Annual Openings | 70 |
| Nebraska 2018 Employment | 1140 |
| Nebraska Percentage Growth | 3.5 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 300 |
| South Dakota Percentage Growth | 3.3 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 1890 |
| Utah Percentage Growth | 7.4 |
| Utah Annual Openings | 190 |

Total Employment
250
Mean Annual Wage
\$94,584

ENGINEERS

Job Description

Engineers consult, investigate, evaluate, plan, design and supervise construction or operation of systems in many branches of professional engineering. The following branches are recognized by the Board:

Field SOC Code

- Agricultural 17-2021
- Chemical 17-2041
- Civil 17-2051
- Computer 17-2061
- Electrical 17-2071
- Environmental 17-2081
- Fire Protection 17-2111

- Industrial 17-2112
- Marine & Naval Architects 17-2121
- Materials 17-2131
- Mechanical 17-2141
- Mining & Geological 17-2151
- Nuclear 17-2161
- Petroleum 17-2171
- Structural 17-2051

For wage information about the above occupations, go to <http://doe.state.wy.us/lmi/oes.htm>.

Requirements

Engineer:

1. Must be registered as an Engineer Intern.
2. Must be actively engaged in education and/or experience in a

curriculum approved by the Board for at least four years beyond that required for registration as an Engineer Intern.

3. Must pass a written examination or qualify by reciprocity. An applicant who holds a valid registration in another state, jurisdiction, territory, or country may be considered for registration provided the applicant submits evidence to the Board that the education, experience and

17-2071 Electrical Engineers

examination requirements in the original jurisdiction are substantially identical to or better than those existing in Wyoming.
Engineer Intern

1. Must have graduated from a curriculum approved by the Board of at least four (4) years and pass an examination in fundamentals of engineering.

Restrictions

Conviction of a felony.

Fraud or deceit in obtaining registration.

Gross negligence, incompetence or misconduct in practice.

Violation of any provision of engineering law.

Schools Located in Wyoming

Casper College - Casper -

Associates

<http://www.caspercollege.edu/engineering>

Central Wyoming College - Pre-Engineering - Associates

<http://www.cwc.edu/programs/science-tech-engineering-math/pre-engineering/>

Laramie County Community

College - Cheyenne - Associates

<http://lccc.wy.edu/programs/engineering>

Northwest College - Powell -

Associates

<http://nwc.edu/academics/programs/engineering>

Northern Wyoming Community

College District - Sheridan -

Associates

<http://www.sheridan.edu/academics/program/engineering/>
 Western Wyoming Community College - Rock Springs - Associates

<http://www.wycc.wy.edu/academics/engineering/>
 University of Wyoming - Laramie - College of Engineering & Applied Science - Undergraduate and Graduate programs

<http://www.uwyo.edu/ceas>

License

Professional Engineers must be licensed by the Wyoming Board of Professional Engineers and Professional Land Surveyors. Engineers cannot practice or use the title Professional Engineer without a Wyoming license.

Examination

Examinations shall be given according to the National Council of Examiners for Engineering and Surveying (NCEES) schedule.

Go to <http://ncees.org/exams/state-pages/wyoming-exam-registration/> for more information.

Fees

Individual biennial renewal fee \$90.00

Application:

Engineer License. \$100.00

Engineer Intern License. . \$50.00

If University of

Wyoming Student. Waived

Examination:

Fundamentals of

Engineering. NCEES national exam fee \$175.00

Professional Engineer

Principles and Practice

NCEES national exam fee \$375.00

Structural Engineer Exam (Two parts). NCEES national exam fee \$1200.00

Shanon Stanfill, Exec. Director
 Board of Professional Engineers & Professional Land Surveyors
 6920 Yellowtail Road, Ste. 100

Cheyenne, WY 82002

Phone: (307) 777-6155

Fax: (307) 777-3403

<http://engineersandsurveyors.wy.gov>

Additional Sources of Information

National Council of Examiners for Engineering and Surveying

280 Seneca Creek Road

Seneca, SC 29678

Phone: (800) 250-3196

<http://ncees.org>

National Society of Professional Engineers

1420 King St.

Alexandria, VA 22314

Phone: (703) 684-2800

<http://www.nspe.org/>

Occupational Outlook Handbook:

“Architecture and Engineering Occupations”

<http://www.bls.gov/ooh/architecture-and-engineering/>

[home.htm](http://www.bls.gov/ooh/architecture-and-engineering/home.htm)

Last updated June 2019

| Tasks | |
|--|--|
| 17-2071.00 - Electrical Engineers | |
| Importance | Task |
| 82 | Operate computer-assisted engineering or design software or equipment to perform engineering tasks. |
| 80 | Prepare technical drawings, specifications of electrical systems, or topographical maps to ensure that installation and operations conform to standards and customer requirements. |
| 77 | Confer with engineers, customers, or others to discuss existing or potential engineering projects or products. |
| 72 | Design, implement, maintain, or improve electrical instruments, equipment, facilities, components, products, or systems for commercial, industrial, or domestic purposes. |

17-2081 Environmental Engineers

Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.

OES (March 2018 Updated to March 2019 ECI)

| | |
|--------------------------------|--------|
| Total Employment | 230 |
| Mean Hourly Wage | 45.82 |
| Mean Annual Wage | 95312 |
| Mining Employment | 40 |
| Mining Mean Hourly Wage | 43.99 |
| Mining Mean Annual Wage | 91513 |
| Manufacturing Employment | 20 |
| Manufacturing Mean Hourly Wage | 50.27 |
| Manufacturing Mean Annual Wage | 104556 |
| Prof. & Technical Employment | 140 |

| | |
|------------------------------------|--------|
| Prof. & Technical Mean Hourly Wage | 44.5 |
| Prof. & Technical Mean Annual Wage | 92565 |
| Admin. Support Mean Hourly Wage | 51.54 |
| Admin. Support Mean Annual Wage | 107201 |
| Northwest Employment | 30 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 51.89 |
| Southwest Mean Annual Wage | 107935 |
| Northeast Employment | 60 |
| Northeast Mean Hourly Wage | 41.67 |
| Northeast Mean Annual Wage | 86676 |
| Central-SE Employment | 70 |
| Central-SE Mean Hourly Wage | 38.28 |
| Central-SE Mean Annual Wage | 79604 |
| Cheyenne MSA Employment | 30 |

| | |
|---|--------|
| Cheyenne MSA Mean Hourly Wage | 43.76 |
| Cheyenne MSA Mean Annual Wage | 91015 |
| New Hires Survey | |
| New Hires est N | 11.08 |
| New Hires Median \$ | 117.26 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 35-44 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 230 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 1930 |
| Colorado Percentage Growth | 4.1 |
| Colorado Annual Openings | 160 |
| Idaho 2018 Employment | 580 |
| Idaho Percentage Growth | 3.4 |
| Idaho Annual Openings | 50 |
| Montana 2018 Employment | 490 |
| Montana Percentage Growth | 2 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 390 |
| Nebraska Percentage Growth | 2.6 |
| Nebraska Annual Openings | 30 |
| South Dakota 2018 Employment | 100 |
| South Dakota Percentage Growth | 10 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 470 |
| Utah Percentage Growth | 6.4 |
| Utah Annual Openings | 40 |

| Tasks | |
|--------------------------------------|--|
| 17-2081.00 - Environmental Engineers | |
| Importance | Task |
| 81 | Design, or supervise the design of, systems, processes, or equipment for control, management, or remediation of water, air, or soil quality. |
| 78 | Advise corporations or government agencies of procedures to follow in cleaning up contaminated sites to protect people and the environment. |
| 78 | Collaborate with environmental scientists, planners, hazardous waste technicians, engineers, experts in law or business, or other specialists to address environmental problems. |
| 77 | Obtain, update, or maintain plans, permits, or standard operating procedures. |
| 77 | Serve as liaison with federal, state, or local agencies or officials on issues pertaining to solid or hazardous waste program requirements. |
| 76 | Provide technical support for environmental remediation or litigation projects, including remediation system design or determination of regulatory applicability. |
| 74 | Prepare, review, or update environmental investigation or recommendation reports. |
| 73 | Develop site-specific health and safety protocols, such as spill contingency plans or methods for loading or transporting waste. |
| 72 | Inspect industrial or municipal facilities or programs to evaluate operational effectiveness or ensure compliance with environmental regulations. |
| 71 | Provide assistance with planning, quality assurance, safety inspection protocols, or sampling as part of a team conducting multimedia inspections at complex facilities. |
| 71 | Prepare or present public briefings on the status of environmental engineering projects. |
| 70 | Develop proposed project objectives and targets and report to management on progress in attaining them. |
| 66 | Coordinate or manage environmental protection programs or projects, assigning or evaluating work. |
| 63 | Advise industries or government agencies about environmental policies and standards. |
| 63 | Direct installation or operation of environmental monitoring devices or supervise related data collection programs. |

Total Employment
230

Mean Annual Wage
\$95,312

17-2081 Environmental Engineers

| Work Activities | | |
|--------------------------------------|---|---|
| 17-2081.00 - Environmental Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 92 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 91 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 89 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 88 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 86 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 82 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 81 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 80 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 79 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 75 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 75 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 75 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 72 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 71 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 70 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 68 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 67 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 67 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |

17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors

Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws. Include industrial product safety engineers.

| OES (March 2018 Updated to March 2019 ECI) | |
|--|--------|
| Total Employment | 20 |
| Mean Hourly Wage | 51.69 |
| Mean Annual Wage | 107521 |

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 30 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 460 |
| Colorado Percentage Growth | 4.3 |
| Colorado Annual Openings | 40 |
| Idaho 2018 Employment | 150 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 10 |

| | |
|------------------------------|----|
| Montana 2018 Employment | 70 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 80 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 80 |

**Total Employment
20
Mean Annual Wage
\$107,521**

| | |
|--------------------------------|-----|
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 330 |
| Utah Percentage Growth | 9.1 |
| Utah Annual Openings | 30 |

Tools Used

17-2111.01 - Industrial Safety and Health Engineers

- Example**
- Noise monitoring equipment
 - Microbial contaminant measurement devices
 - Multi-vapor reading instruments
 - Particulate measurement devices
 - Aerosol sampling devices
 - Sampling probes
 - High-flow air sampling pumps
 - High-volume asbestos sampling pumps
 - Sampling pumps
 - Velometers
 - Heart rate monitors
 - Digital video recorders
 - Digital dynamometers
 - Hand dynamometers
 - Reference frame dynamometers
 - Strength evaluation systems
 - Magnetic field meters
 - Electromyograph processing systems
 - Force gauges
 - Torque gauges
 - Sorbent tubes
 - Light meters
 - Volatile organic compound VOC measurement devices
 - Portable oxygen consumption meters
 - Personal digital assistants PDA
 - Electrogoniometers
 - Inclinometers
 - Physiographic recorders
 - Reaction time simulators
 - Force platforms
 - Pinch meters
 - Radio frequency signal analyzers
 - Three-dimensional laser scanners

| Tasks | |
|--|--|
| 17-2111.01 - Industrial Safety and Health Engineers | |
| Importance | Task |
| 88 | Investigate industrial accidents, injuries, or occupational diseases to determine causes and preventive measures. |
| 84 | Inspect facilities, machinery, and safety equipment to identify and correct potential hazards, and to ensure safety regulation compliance. |
| 82 | Conduct or coordinate worker training in areas such as safety laws and regulations, hazardous condition monitoring, and use of safety equipment. |
| 82 | Maintain and apply knowledge of current policies, regulations, and industrial processes. |
| 81 | Report or review findings from accident investigations, facilities inspections, or environmental testing. |
| 77 | Evaluate adequacy of actions taken to correct health inspection violations. |
| 77 | Recommend process and product safety features that will reduce employees' exposure to chemical, physical, and biological work hazards. |
| 74 | Interpret safety regulations for others interested in industrial safety, such as safety engineers, labor representatives, and safety inspectors. |
| 73 | Review plans and specifications for construction of new machinery or equipment to determine whether all safety requirements have been met. |
| 70 | Interview employers and employees to obtain information about work environments and workplace incidents. |
| 70 | Review employee safety programs to determine their adequacy. |
| 70 | Conduct or direct testing of air quality, noise, temperature, or radiation levels to verify compliance with health and safety regulations. |

17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors

| Work Activities | | |
|---|---|---|
| 17-2111.01 - Industrial Safety and Health Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 85 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 83 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 82 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 79 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 79 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 78 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 78 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 78 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 76 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 75 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 74 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 72 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 72 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 69 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 68 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 68 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 67 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 65 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 65 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 63 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 63 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 61 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 61 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |

17-2112 Industrial Engineers

| | |
|--|--------|
| Design, develop, test, and evaluate integrated systems for managing industrial production processes including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 140 |
| Mean Hourly Wage | 50.25 |
| Mean Annual Wage | 104514 |
| Mining Employment | 50 |
| Mining Mean Hourly Wage | 52.28 |
| Mining Mean Annual Wage | 108761 |
| Manufacturing Employment | 80 |
| Manufacturing Mean Hourly Wage | 49.29 |
| Manufacturing Mean Ann.Wage | 102536 |
| Southwest Employment | 60 |
| Southwest Mean Hourly Wage | 55.23 |
| Southwest Mean Annual Wage | 114862 |
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 48.66 |
| Northeast Mean Annual Wage | 101214 |
| Central-SE Employment | 30 |
| Central-SE Mean Hourly Wage | 50.48 |

| | |
|---|--------|
| Central-SE Mean Annual Wage | 104998 |
| Cheyenne MSA Employment | 10 |
| Cheyenne MSA Mean Hourly Wage | 33.05 |
| Cheyenne MSA Mean Annual Wage | 68734 |
| Casper MSA Employment | 10 |
| Casper MSA Mean Hourly Wage | 48.94 |
| Casper MSA Mean Annual Wage | 101792 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 190 |
| Wyoming Percentage Growth | 5.3 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 3430 |
| Colorado Percentage Growth | 4.7 |
| Colorado Annual Openings | 310 |
| Idaho 2018 Employment | 1020 |
| Idaho Percentage Growth | 5.9 |
| Idaho Annual Openings | 100 |
| Montana 2018 Employment | 250 |
| Montana Percentage Growth | 4 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 1320 |
| Nebraska Percentage Growth | 3.8 |

| | |
|--------------------------------|------|
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 550 |
| South Dakota Percentage Growth | 5.5 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 2160 |
| Utah Percentage Growth | 8.8 |
| Utah Annual Openings | 240 |

Total Employment
140
Mean Annual Wage
\$104,514

| Tasks | |
|-----------------------------------|--|
| 17-2112.00 - Industrial Engineers | |
| Importance | Task |
| 72 | Plan and establish sequence of operations to fabricate and assemble parts or products and to promote efficient utilization. |
| 70 | Review production schedules, engineering specifications, orders, and related information to obtain knowledge of manufacturing methods, procedures, and activities. |
| 69 | Estimate production costs, cost saving methods, and the effects of product design changes on expenditures for management review, action, and control. |
| 67 | Draft and design layout of equipment, materials, and workspace to illustrate maximum efficiency using drafting tools and computer. |
| 67 | Coordinate and implement quality control objectives, activities, or procedures to resolve production problems, maximize product reliability, or minimize costs. |
| 67 | Communicate with management and user personnel to develop production and design standards. |
| 66 | Recommend methods for improving utilization of personnel, material, and utilities. |
| 66 | Develop manufacturing methods, labor utilization standards, and cost analysis systems to promote efficient staff and facility utilization. |
| 65 | Confer with clients, vendors, staff, and management personnel regarding purchases, product and production specifications, manufacturing capabilities, or project status. |
| 62 | Apply statistical methods and perform mathematical calculations to determine manufacturing processes, staff requirements, and production standards. |
| 62 | Study operations sequence, material flow, functional statements, organization charts, and project information to determine worker functions and responsibilities. |
| 61 | Complete production reports, purchase orders, and material, tool, and equipment lists. |
| 59 | Record or oversee recording of information to ensure currency of engineering drawings and documentation of production problems. |
| 59 | Evaluate precision and accuracy of production and testing equipment and engineering drawings to formulate corrective action plan. |

17-2112 Industrial Engineers

| Work Activities | | |
|-----------------------------------|---|---|
| 17-2112.00 - Industrial Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 81 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 80 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 79 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 77 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment | Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 74 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 71 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 70 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 70 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 69 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 67 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 66 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 64 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 61 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 59 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 59 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 58 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 57 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 57 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |

17-2141 Mechanical Engineers

| | |
|---|-------|
| Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of such equipment as centralized heat, gas, water, and steam systems. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 230 |
| Mean Hourly Wage | 41.18 |
| Mean Annual Wage | 85665 |
| Manufacturing Employment | 80 |
| Manufacturing Mean Hourly Wage | 42.9 |
| Manufacturing Mean Annual Wage | 89246 |
| Prof. & Technical Employment | 80 |
| Prof. & Technical Mean Hourly Wage | 39.85 |
| Prof. & Technical Mean Annual Wage | 82895 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 45.18 |
| Southwest Mean Annual Wage | 93977 |
| Northeast Employment | 80 |
| Northeast Mean Hourly Wage | 42.19 |
| Northeast Mean Annual Wage | 87764 |
| Central-SE Employment | 50 |
| Central-SE Mean Hourly Wage | 39.15 |
| Central-SE Mean Annual Wage | 81427 |
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 42.29 |
| Cheyenne MSA Mean Annual Wage | 87970 |
| Casper MSA Employment | 40 |

| | |
|---|--------|
| Casper MSA Mean Hourly Wage | 38.99 |
| Casper MSA Mean Annual Wage | 81101 |
| New Hires Survey | |
| New Hires est N | 74.62 |
| New Hires Median \$ | 48.08 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 63.272 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 27.778 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

Total Employment
230
Mean Annual Wage
\$85,665

| | |
|---|--------|
| New Hires Male | 100 |
| New Hires 25-34 | 47.1 |
| New Hires 35-44 | 13.889 |
| New Hires 45-54 | 13.889 |
| New Hires 55-64 | 25.122 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 240 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 5720 |
| Colorado Percentage Growth | 4.7 |
| Colorado Annual Openings | 500 |
| Idaho 2018 Employment | 1020 |
| Idaho Percentage Growth | 2.9 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 500 |
| Montana Percentage Growth | 4 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 970 |
| Nebraska Percentage Growth | 4.1 |
| Nebraska Annual Openings | 80 |
| South Dakota 2018 Employment | 540 |
| South Dakota Percentage Growth | 3.7 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 3670 |
| Utah Percentage Growth | 6.8 |
| Utah Annual Openings | 360 |

| Tasks | |
|-----------------------------------|---|
| 17-2141.00 - Mechanical Engineers | |
| Importance | Task |
| 87 | Read and interpret blueprints, technical drawings, schematics, or computer-generated reports. |
| 84 | Research, design, evaluate, install, operate, or maintain mechanical products, equipment, systems or processes to meet requirements. |
| 79 | Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information. |
| 75 | Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs. |
| 75 | Investigate equipment failures or difficulties to diagnose faulty operation and recommend remedial actions. |
| 74 | Develop or test models of alternate designs or processing methods to assess feasibility, sustainability, operating condition effects, potential new applications, or necessity of modification. |
| 74 | Specify system components or direct modification of products to ensure conformance with engineering design, performance specifications, or environmental regulations. |
| 73 | Recommend design modifications to eliminate machine or system malfunctions. |
| 73 | Assist drafters in developing the structural design of products, using drafting tools or computer-assisted drafting equipment or software. |
| 72 | Oversee installation, operation, maintenance, or repair to ensure that machines or equipment are installed and functioning according to specifications. |
| 70 | Conduct research that tests or analyzes the feasibility, design, operation, or performance of equipment, components, or systems. |

17-2141 Mechanical Engineers

| Work Activities | | |
|-----------------------------------|---|---|
| 17-2141.00 - Mechanical Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 89 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 82 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 80 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 79 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 78 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 72 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 71 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 71 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 70 | Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment | Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used. |
| 69 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 67 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 66 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 65 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 59 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 59 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 57 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 55 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 54 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 54 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 53 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 51 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 50 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |

17-2151 Mining and Geological Engineers, Including Mining Safety Engineers

| | |
|--|-------|
| Determine the location and plan the extraction of coal, metallic ores, nonmetallic minerals, and building materials, such as stone and gravel. Work involves conducting preliminary surveys of deposits or undeveloped mines and planning their development. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 150 |
| Mean Hourly Wage | 45.98 |
| Mean Annual Wage | 95621 |
| Mining Employment | 110 |
| Mining Mean Hourly Wage | 47.09 |
| Mining Mean Annual Wage | 97935 |
| Prof. & Technical Employment | 20 |
| Prof. & Technical Mean Hourly Wage | 37.96 |
| Prof. & Technical Mean Annual Wage | 78961 |
| Public Admin. Employment | 10 |
| Public Admin. Mean Hourly Wage | 40.89 |
| Public Admin. Mean Annual Wage | 85055 |
| Northwest Employment | 20 |
| Northwest Mean Hourly Wage | 40.85 |
| Northwest Mean Annual Wage | 84965 |
| Southwest Employment | 70 |
| Southwest Mean Hourly Wage | 46.58 |
| Southwest Mean Annual Wage | 96871 |

| | |
|---|--------|
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 44.17 |
| Northeast Mean Annual Wage | 91859 |
| Casper MSA Employment | 20 |
| Casper MSA Mean Hourly Wage | 53.26 |
| Casper MSA Mean Annual Wage | 110785 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 180 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 680 |
| Colorado Percentage Growth | 2.9 |
| Colorado Annual Openings | 60 |
| Idaho 2018 Employment | 80 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 100 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 20 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 0 |
| Utah 2018 Employment | 340 |
| Utah Percentage Growth | 2.9 |
| Utah Annual Openings | 30 |

| |
|---|
| <p>Total Employment 150 Mean Annual Wage \$95,621</p> |
|---|

| Related Occupations | |
|--|--|
| 17-2151.00 - Mining and Geological Engineers, Including Mining Safety Engineers | |
| | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1081.01 | Logistics Engineers |
| 17-2021.00 | Agricultural Engineers |
| 17-2041.00 | Chemical Engineers |
| 17-2051.00 | Civil Engineers |
| 17-2051.01 | Transportation Engineers |
| 17-2081.00 | Environmental Engineers |
| 17-2111.02 | Fire-Prevention and Protection Engineers |
| 17-2171.00 | Petroleum Engineers |
| 17-2199.03 | Energy Engineers |
| 19-2043.00 | Hydrologists |

| Tasks | |
|--|---|
| 17-2151.00 - Mining and Geological Engineers, Including Mining Safety Engineers | |
| Importance | Task |
| 85 | Prepare technical reports for use by mining, engineering, and management personnel. |
| 77 | Inspect mining areas for unsafe structures, equipment, and working conditions. |
| 75 | Select or develop mineral location, extraction, and production methods, based on factors such as safety, cost, and deposit characteristics. |
| 74 | Select locations and plan underground or surface mining operations, specifying processes, labor usage, and equipment that will result in safe, economical, and environmentally sound extraction of minerals and ores. |
| 70 | Prepare schedules, reports, and estimates of the costs involved in developing and operating mines. |
| 70 | Monitor mine production rates to assess operational effectiveness. |
| 69 | Supervise, train, and evaluate technicians, technologists, survey personnel, engineers, scientists or other mine personnel. |
| 69 | Examine maps, deposits, drilling locations, or mines to determine the location, size, accessibility, contents, value, and potential profitability of mineral, oil, and gas deposits. |
| 67 | Design, implement, and monitor the development of mines, facilities, systems, or equipment. |

| Detailed Work Activities | |
|--|--|
| 17-2151.00 - Mining and Geological Engineers, Including Mining Safety Engineers | |
| | |
| Detailed Work Activity | |
| Prepare technical reports for internal use. | |
| Inspect facilities or sites to determine if they meet specifications or standards. | |
| Advise others on health and safety issues. | |
| Investigate safety of work environment. | |
| Determine operational methods. | |
| Select tools, equipment, or technologies for use in operations or projects. | |
| Prepare detailed work plans. | |

17-2151 Mining and Geological Engineers, Including Mining Safety Engineers

| Work Activities | | |
|---|---|---|
| 17-2151.00 - Mining and Geological Engineers, Including Mining Safety Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 93 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 87 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 85 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 82 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 82 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 79 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 79 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 75 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 74 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 72 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 71 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 69 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 67 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 67 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 64 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 64 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 64 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 63 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 62 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |

17-2171 Petroleum Engineers

| | |
|---|--------|
| Devise methods to improve oil and gas well production and determine the need for new or modified tool designs. Oversee drilling and offer technical advice to achieve economical and satisfactory progress. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 460 |
| Mean Hourly Wage | 56.37 |
| Mean Annual Wage | 117255 |
| Mining Employment | 310 |
| Mining Mean Hourly Wage | 54.42 |
| Mining Mean Annual Wage | 113202 |
| Transportation Employment | 20 |
| Transportation Mean Hourly Wage | 59.87 |
| Transportation Mean Annual Wage | 124546 |
| Prof. & Technical Employment | 80 |
| Prof. & Technical Mean Hourly Wage | 66.29 |
| Prof. & Technical Mean Annual Wage | 137886 |
| Public Admin. Employment | 20 |
| Public Admin. Mean Hourly Wage | 44.9 |
| Public Admin. Mean Annual Wage | 93384 |
| Northwest Employment | 40 |

| | |
|-------------------------------|--------|
| Northwest Mean Hourly Wage | 64.73 |
| Northwest Mean Annual Wage | 134629 |
| Southwest Employment | 190 |
| Southwest Mean Hourly Wage | 52.5 |
| Southwest Mean Annual Wage | 109191 |
| Northeast Employment | 70 |
| Northeast Mean Hourly Wage | 46.95 |
| Northeast Mean Annual Wage | 97674 |
| Cheyenne MSA Employment | 50 |
| Cheyenne MSA Mean Hourly Wage | 60.09 |
| Cheyenne MSA Mean Annual Wage | 124975 |
| Casper MSA Employment | 100 |
| Casper MSA Mean Hourly Wage | 65.06 |
| Casper MSA Mean Annual Wage | 135342 |

**Total Employment
460
Mean Annual Wage
\$117,255**

| New Hires Survey | |
|---|--------|
| New Hires est N | 52.19 |
| New Hires Median \$ | 28.85 |
| New Hires Health Insurance | 52.514 |
| New Hires Retirement Plan | 52.514 |
| New Hires Paid Time Off | 52.514 |
| New Hires Service Orientation Important | 73.743 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 21.229 |
| New Hires Male | 78.771 |
| New Hires 25-34 | 73.743 |
| New Hires 55-64 | 26.257 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 570 |
| Wyoming Percentage Growth | 12.3 |
| Wyoming Annual Openings | 70 |
| Colorado 2018 Employment | 1770 |
| Colorado Percentage Growth | 4.5 |
| Colorado Annual Openings | 160 |
| Montana 2018 Employment | 260 |
| Montana Percentage Growth | 3.8 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 60 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 0 |
| Utah 2018 Employment | 220 |
| Utah Percentage Growth | 4.5 |
| Utah Annual Openings | 20 |

| Tasks | |
|---|--|
| 17-2171.00 - Petroleum Engineers | |
| Importance | Task |
| 79 | Assess costs and estimate the production capabilities and economic value of oil and gas wells, to evaluate the economic viability of potential drilling sites. |
| 76 | Develop plans for oil and gas field drilling, and for product recovery and treatment. |
| 72 | Direct and monitor the completion and evaluation of wells, well testing, or well surveys. |
| 72 | Analyze data to recommend placement of wells and supplementary processes to enhance production. |
| 71 | Monitor production rates, and plan rework processes to improve production. |
| 71 | Interpret drilling and testing information for personnel. |
| 70 | Specify and supervise well modification and stimulation programs to maximize oil and gas recovery. |
| 69 | Assist engineering and other personnel to solve operating problems. |
| 68 | Confer with scientific, engineering, and technical personnel to resolve design, research, and testing problems. |
| 67 | Coordinate the installation, maintenance, and operation of mining and oil field equipment. |
| 66 | Maintain records of drilling and production operations. |
| 63 | Write technical reports for engineering and management personnel. |
| 59 | Assign work to staff to obtain maximum utilization of personnel. |
| 57 | Evaluate findings to develop, design, or test equipment or processes. |

| Related Occupations | |
|---|--|
| 17-2171.00 - Petroleum Engineers | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1081.01 | Logistics Engineers |
| 13-1081.02 | Logistics Analysts |
| 17-2051.00 | Civil Engineers |
| 17-2071.00 | Electrical Engineers |
| 17-2111.02 | Fire-Prevention and Protection Engineers |
| 17-2112.00 | Industrial Engineers |
| 17-2151.00 | Mining and Geological Engineers, Including Mining Safety Engineers |

17-2171 Petroleum Engineers

| Work Activities | | |
|----------------------------------|---|---|
| 17-2171.00 - Petroleum Engineers | | |
| Importance | Work Activity | Work Activity Description |
| 92 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 88 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 84 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 82 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 79 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 78 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 78 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 75 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 75 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 72 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 71 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 71 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 70 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 69 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 69 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 68 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 68 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 68 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 68 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 65 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |
| 64 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 54 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |

19-2042 Geoscientists, Except Hydrologists and Geographers

Study the composition, structure, and other physical aspects of the Earth. May use geological, physics, and mathematics knowledge in exploration for oil, gas, minerals, or underground water; or in waste disposal, land reclamation, or other environmental problems. May study the Earth's internal composition, atmospheres, oceans, and its magnetic, electrical, and gravitational forces. Includes mineralogists, crystallographers, paleontologists, stratigraphers, geodesists, and seismologists.

OES (March 2018 Updated to March 2019 ECI)

| | |
|------------------------------------|-------|
| Total Employment | 160 |
| Mean Hourly Wage | 35.81 |
| Mean Annual Wage | 74498 |
| Mining Employment | 20 |
| Mining Mean Hourly Wage | 47.31 |
| Mining Mean Annual Wage | 98395 |
| Prof. & Technical Employment | 70 |
| Prof. & Technical Mean Hourly Wage | 32.37 |

| | |
|----------------------------------|-------|
| Prof. & Technical Mean Ann. Wage | 67329 |
| Public Admin. Employment | 70 |
| Public Admin. Mean Hourly Wage | 36.35 |
| Public Admin. Mean Annual Wage | 75617 |
| Northwest Employment | 20 |
| Northwest Mean Hourly Wage | 40 |
| Northwest Mean Annual Wage | 83205 |
| Southwest Employment | 10 |
| Southwest Mean Hourly Wage | 37.46 |
| Southwest Mean Annual Wage | 77928 |

| |
|---|
| <p>Total Employment 160 Mean Annual Wage \$74,498</p> |
|---|

| | |
|-------------------------------|-------|
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 35.27 |
| Northeast Mean Annual Wage | 73372 |
| Central-SE Employment | 50 |
| Central-SE Mean Hourly Wage | 33.76 |
| Central-SE Mean Annual Wage | 70226 |
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 32.69 |
| Cheyenne MSA Mean Ann. Wage | 67993 |
| Casper MSA Employment | 10 |
| Casper MSA Mean Hourly Wage | 45.82 |
| Casper MSA Mean Annual Wage | 95308 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 210 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 2300 |
| Colorado Percentage Growth | 3.9 |
| Colorado Annual Openings | 260 |
| Idaho 2018 Employment | 200 |
| Idaho Percentage Growth | -5 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 290 |
| Montana Percentage Growth | 3.4 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 80 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 70 |
| South Dakota Percentage Growth | 14.3 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 270 |
| Utah Percentage Growth | 7.4 |
| Utah Annual Openings | 30 |

| Tasks | |
|--|---|
| 19-2042.00 - Geoscientists, Except Hydrologists and Geographers | |
| Importance | Task |
| 93 | Analyze and interpret geological, geochemical, or geophysical information from sources such as survey data, well logs, bore holes, or aerial photos. |
| 87 | Plan or conduct geological, geochemical, or geophysical field studies or surveys, sample collection, or drilling and testing programs used to collect data for research or application. |
| 79 | Prepare geological maps, cross-sectional diagrams, charts, or reports concerning mineral extraction, land use, or resource management, using results of fieldwork or laboratory research. |
| 77 | Analyze and interpret geological data, using computer software. |
| 75 | Investigate the composition, structure, or history of the Earth's crust through the collection, examination, measurement, or classification of soils, minerals, rocks, or fossil remains. |
| 74 | Assess ground or surface water movement to provide advice on issues such as waste management, route and site selection, or the restoration of contaminated sites. |
| 73 | Locate and estimate probable natural gas, oil, or mineral ore deposits or underground water resources, using aerial photographs, charts, or research or survey results. |
| 72 | Locate and review research articles or environmental, historical, or technical reports. |
| 69 | Communicate geological findings by writing research papers, participating in conferences, or teaching geological science at universities. |
| 66 | Measure characteristics of the Earth, such as gravity or magnetic fields, using equipment such as seismographs, gravimeters, torsion balances, or magnetometers. |
| 63 | Conduct geological or geophysical studies to provide information for use in regional development, site selection, or development of public works projects. |
| 57 | Identify risks for natural disasters, such as mudslides, earthquakes, or volcanic eruptions. |

| Related Occupations | |
|--|---|
| 19-2042.00 - Geoscientists, Except Hydrologists and Geographers | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1041.01 | Environmental Compliance Inspectors |
| 15-1199.04 | Geospatial Information Scientists and Technologists |
| 15-1199.05 | Geographic Information Systems Technicians |

19-2042 Geoscientists, Except Hydrologists and Geographers

| Work Activities | | |
|---|---|---|
| 19-2042.00 - Geoscientists, Except Hydrologists and Geographers | | |
| Importance | Work Activity | Work Activity Description |
| 96 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 93 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 87 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 85 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 83 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 81 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 80 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 78 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 77 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 72 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 71 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 70 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 70 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 69 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 68 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 67 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 63 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 56 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 54 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 54 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 53 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 52 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 52 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |

19-3031 Clinical, Counseling, and School Psychologists

| | |
|--|-------|
| Diagnose and treat mental disorders; learning disabilities; and cognitive, behavioral, and emotional problems using individual, child, family, and group therapies. May design and implement behavior modification programs. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 300 |
| Mean Hourly Wage | 38.33 |
| Mean Annual Wage | 79721 |
| Educational Employment | 220 |
| Educational Mean Hourly Wage | 38.14 |
| Educational Mean Annual Wage | 79343 |
| Health Care Employment | 80 |
| Health Care Mean Hourly Wage | 38.28 |
| Health Care Mean Annual Wage | 79603 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 34.87 |
| Northwest Mean Annual Wage | 72521 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 33.31 |
| Southwest Mean Annual Wage | 69277 |
| Northeast Mean Hourly Wage | 42.4 |

| | |
|---|--------|
| Northeast Mean Annual Wage | 88174 |
| Central-SE Employment | 30 |
| Central-SE Mean Hourly Wage | 30.95 |
| Central-SE Mean Annual Wage | 64375 |
| Cheyenne MSA Employment | 40 |
| Cheyenne MSA Mean Hourly Wage | 48.93 |
| Cheyenne MSA Mean Annual Wage | 101766 |
| Casper MSA Employment | 40 |
| Casper MSA Mean Hourly Wage | 26.5 |
| Casper MSA Mean Annual Wage | 55119 |
| New Hires Survey | |
| New Hires est N | 14.63 |
| New Hires Median \$ | 24.7 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

| | |
|---|------|
| New Hires Female | 100 |
| New Hires 55-64 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 250 |
| Wyoming Percentage Growth | 4 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 3860 |
| Colorado Percentage Growth | 4.1 |
| Colorado Annual Openings | 330 |
| Idaho 2018 Employment | 400 |
| Idaho Percentage Growth | 2.5 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 530 |
| Montana Percentage Growth | 3.8 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 740 |
| Nebraska Percentage Growth | 2.7 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 370 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 1940 |
| Utah Percentage Growth | 4.1 |
| Utah Annual Openings | 170 |

CLINICAL, COUNSELING, AND SCHOOL PSYCHOLOGISTS
SOC Code 19-3031

Entry Salary

\$32.12/hr

Average Salary

\$38.33/hr

Job Description

Psychologists are concerned with the application and teaching of principles of learning, motivation, perception, thinking and emotional relationships as applied in a variety of psychological techniques.

Requirements

1. Has a reputation for honesty, trustworthiness, integrity and competence.
2. Has met education, supervised professional experience, and examination requirements.
3. Possesses a current Certificate of Professional Qualification in Psychology (CPQ) in good standing issued by the Association

Total Employment
300
Mean Annual Wage
\$79,721

of State and Provincial Psychology Boards (ASPPB) or is a member of the National Register for Health Service Providers in Psychology or the American Board of Professional Psychology and licensed as a psychologist in another state, territory, or possession of the United States or a foreign jurisdiction with substantially equivalent licensing requirements to Wyoming.

4. Any applicant who is a Nationally Certified School

Psychologist (NCSP) and who is certified as a School Psychologist by the Professional Teaching Standards Board in Wyoming shall be considered as having met the education, experience, and examination requirements for certification as a Specialist in School Psychology; OR

- 5a. Complete a Masters degree in school psychology plus 30 graduate semester hours, or a higher level degree program in school psychology, with 60 graduate semester hours minimum, culminating in a graduate degree in school psychology from a National Association of School Psychologists (NASP) accredited graduate degree program in school psychology. All other

19-3031 Clinical, Counseling, and School Psychologists

applicants must meet the current Standards for Training and Field Placement in School Psychology promulgated by NASP.

5b. Complete a 1,200 hour supervised internship in school psychology.

Restrictions

Conviction of a felony or any crime involving moral turpitude. Fraud or deceit.

Use of drugs or alcohol to an extent that affects competency. Immoral, unprofessional, or dishonorable conduct.

Practicing psychology in such a manner as to endanger the welfare of clients or patients.

Harassment, intimidation or abuse, sexual or otherwise, of a client or patient.

Sexual exploitation of a client or patient.

Practicing outside the areas of professional competence as established by education, training, and experience.

Malpractice or negligence in the practice of psychology.

Aiding or abetting the practice of psychology by individuals not licensed or certified by the Board.

Conviction of fraud in filing Medicare or Medicaid claims or in filing claims to any third party payor.

Exercising undue influence to exploit a client, patient, student or supervisee for financial or other personal advantage to the practitioner or third party.

The suspension or revocation by another state of a license to practice psychology.

Refusal to appear before the

Board after having been ordered to do so in writing.

Making any fraudulent or untrue statements to the Board.

Failure to meet the requirements for licensing or certification.

Revealing the content of privileged communications, except as required by an established court of law, or as stipulated in the Ethical Principles of Psychologists and Code of Conduct.

Conviction of any crime or offense that reflects the inability of the practitioner to practice psychology with due regard for the health and safety of clients or patients.

School Located in Wyoming

University of Wyoming - Laramie - Department of Psychology
<http://www.uwyo.edu/psychology/>

License

Specialists in School Psychology in Wyoming must be licensed by the Board of Psychology.

Examination

Applicants must pass the National School Psychology Exam (NSPE).

Fees

Application except temporary. \$275.00 per applicant

Application and license - Temporary \$150.00

EPPP examination. Actual cost of the examination

Initial license. \$200.00

Provisional license. \$200.00

Annual license renewal. . \$200.00

Licensing Agency

Carla Fleming
Board of Psychology
2001 Capitol Avenue, Room 105
Cheyenne, WY 82002

Phone: (307) 777-5403

Fax: (307) 777-3508

<http://psychology.wyo.gov/home>

Additional Sources of Information

National Association of School Psychologists
4340 East West Highway, Ste. 402
Bethesda, MD 20814

Phone: (301) 657-0270 or (866) 331-6277

<http://www.nasponline.org/>

Mental Health America
500 Montgomery St, Ste 820
Alexandria, VA 22314

Phone: (703) 684-7722

<http://www.mentalhealthamerica.net>

American Psychological Association

750 First St., NE
Washington, DC 20002-4242

Phone: (800) 374-2721

<http://www.apa.org/>

Association of State and Professional Psychology Boards
(Examination for Professional Practice in Psychology)

P.O. Box 849
Tyrone, GA 30290

Phone: (678) 216-1175

<http://www.asppb.net/>

American Counseling Association
6101 Stevenson Ave., Ste 600
Alexandria, VA 22304

Phone: (800) 347-6647

<http://www.counseling.org/>
Occupational Outlook Handbook:
"Psychologists"

<http://www.bls.gov/ooh/life-physical-and-social-science/psychologists.htm>

Last updated June 2019

19-4099 Life, Physical, and Social Science Technicians, All Other

| | |
|---|--------|
| All life, physical, and social science technicians not listed separately. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 170 |
| Mean Hourly Wage | 26.38 |
| Mean Annual Wage | 54878 |
| Prof. & Technical Employment | 50 |
| Prof. & Technical Mean Hourly Wage | 28.36 |
| Prof. & Technical Mean Annual Wage | 58987 |
| Public Admin. Employment | 60 |
| Public Admin. Mean Hourly Wage | 23.51 |
| Public Admin. Mean Ann.Wage | 48900 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 22.42 |
| Southwest Mean Annual Wage | 46640 |
| Northeast Mean Hourly Wage | 21.7 |
| Northeast Mean Annual Wage | 45129 |
| Central-SE Employment | 70 |
| Central-SE Mean Hourly Wage | 27.03 |
| Central-SE Mean Annual Wage | 56224 |
| New Hires Survey | |
| New Hires est N | 120.46 |

| | |
|---------------------------------------|--------|
| New Hires Median \$ | 12.5 |
| New Hires Health Insurance | 17.227 |
| New Hires Retirement Plan | 17.227 |
| New Hires Paid Time Off | 17.227 |
| New Hires Critical Thinking Important | 81.606 |
| New Hires Reading Comprehension | 90.803 |
| New Hires Female | 45.985 |
| New Hires Male | 35.621 |
| New Hires Sex Unknown | 18.4 |
| New Hires 25-34 | 54.599 |
| New Hires 35-44 | 9.197 |
| New Hires 45-54 | 8.613 |
| New Hires 55-64 | 9.197 |

**Total Employment
170
Mean Annual Wage
\$54,878**

| | |
|---|------|
| New Hires Age Unknown | 18.4 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 130 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 990 |
| Colorado Percentage Growth | 3 |
| Colorado Annual Openings | 130 |
| Idaho 2018 Employment | 790 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 90 |
| Montana 2018 Employment | 130 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 310 |
| Nebraska Percentage Growth | 3.2 |
| Nebraska Annual Openings | 50 |
| South Dakota 2018 Employment | 90 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 790 |
| Utah Percentage Growth | 7.6 |
| Utah Annual Openings | 130 |

| Tasks | |
|--|---|
| 19-4099.01 - Quality Control Analysts | |
| Importance | Task |
| 86 | Conduct routine and non-routine analyses of in-process materials, raw materials, environmental samples, finished goods, or stability samples. |
| 86 | Interpret test results, compare them to established specifications and control limits, and make recommendations on appropriateness of data for release. |
| 85 | Perform visual inspections of finished products. |
| 84 | Compile laboratory test data and perform appropriate analyses. |
| 83 | Complete documentation needed to support testing procedures, including data capture forms, equipment logbooks, or inventory forms. |
| 82 | Calibrate, validate, or maintain laboratory equipment. |
| 80 | Participate in out-of-specification and failure investigations and recommend corrective actions. |
| 79 | Supply quality control data necessary for regulatory submissions. |
| 79 | Receive and inspect raw materials. |
| 79 | Investigate or report questionable test results. |
| 77 | Perform validations or transfers of analytical methods in accordance with applicable policies or guidelines. |
| 77 | Ensure that lab cleanliness and safety standards are maintained. |
| 76 | Identify quality problems and recommend solutions. |
| 75 | Monitor testing procedures to ensure that all tests are performed according to established item specifications, standard test methods, or protocols. |
| 71 | Train other analysts to perform laboratory procedures and assays. |

| Detailed Work Activities |
|---|
| 19-4099.01 - Quality Control Analysts |
| Detailed Work Activity |
| Interpret research or operational data. |
| Test quality of materials or finished products. |
| Evaluate quality of materials or products. |
| Record research or operational data. |
| Maintain laboratory or technical equipment. |
| Calibrate scientific or technical equipment. |
| Prepare information or documentation related to legal or regulatory matters. |
| Inspect areas for compliance with sanitation standards. |
| Advise others on business or operational matters. |
| Prepare operational reports. |
| Monitor procedures in technical environments to ensure conformance to standards. |
| Develop collaborative relationships between departments or with external organizations. |
| Train personnel in technical or scientific procedures. |
| Establish standards for products, processes, or procedures. |

19-4099 Life, Physical, and Social Science Technicians, All Other

| Work Activities | | |
|---------------------------------------|---|--|
| 19-4099.01 - Quality Control Analysts | | |
| Importance | Work Activity | Work Activity Description |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 76 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 75 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 74 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 74 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 74 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 73 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 70 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 69 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 68 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 64 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 60 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 59 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 58 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 55 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 52 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 52 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 48 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 46 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 44 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 41 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 40 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 39 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |

21-1023 Mental Health and Substance Abuse Social Workers

| | |
|---|-------|
| Assess and treat individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs. Activities may include individual and group therapy, crisis intervention, case management, client advocacy, prevention, and education. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 200 |
| Mean Hourly Wage | 24.3 |
| Mean Annual Wage | 50527 |
| Health Care Employment | 190 |
| Health Care Mean Hourly Wage | 24.2 |
| Health Care Mean Annual Wage | 50340 |
| Northwest Employment | 40 |
| Northwest Mean Hourly Wage | 19.13 |
| Northwest Mean Annual Wage | 39790 |
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 26.2 |
| Northeast Mean Annual Wage | 54484 |

| | |
|-------------------------------|-------|
| Central-SE Employment | 60 |
| Central-SE Mean Hourly Wage | 22.93 |
| Central-SE Mean Annual Wage | 47708 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 21.88 |
| Cheyenne MSA Mean Annual Wage | 45525 |
| New Hires Survey | |
| New Hires est N | 11.28 |
| New Hires Median \$ | 16.83 |
| New Hires Health Insurance | 100 |

**Total Employment
200
Mean Annual Wage
\$50,527**

| | |
|---|------|
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 25-34 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 130 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 1980 |
| Colorado Percentage Growth | 5.6 |
| Colorado Annual Openings | 260 |
| Idaho 2018 Employment | 390 |
| Idaho Percentage Growth | 5.1 |
| Idaho Annual Openings | 50 |
| Montana 2018 Employment | 590 |
| Montana Percentage Growth | 3.4 |
| Montana Annual Openings | 70 |
| Nebraska 2018 Employment | 430 |
| Nebraska Percentage Growth | 2.3 |
| Nebraska Annual Openings | 50 |
| South Dakota 2018 Employment | 320 |
| South Dakota Percentage Growth | 3.1 |
| South Dakota Annual Openings | 40 |
| Utah 2018 Employment | 1120 |
| Utah Percentage Growth | 4.5 |
| Utah Annual Openings | 140 |

| Tasks | |
|--|---|
| 21-1023.00 - Mental Health and Substance Abuse Social Workers | |
| Importance | Task |
| 91 | Counsel clients in individual or group sessions to assist them in dealing with substance abuse, mental or physical illness, poverty, unemployment, or physical abuse. |
| 87 | Monitor, evaluate, and record client progress with respect to treatment goals. |
| 87 | Interview clients, review records, conduct assessments, or confer with other professionals to evaluate the mental or physical condition of clients or patients. |
| 85 | Collaborate with counselors, physicians, or nurses to plan or coordinate treatment, drawing on social work experience and patient needs. |
| 82 | Counsel or aid family members to assist them in understanding, dealing with, or supporting the client or patient. |
| 80 | Refer patient, client, or family to community resources for housing or treatment to assist in recovery from mental or physical illness, following through to ensure service efficacy. |
| 79 | Modify treatment plans according to changes in client status. |
| 77 | Educate clients or community members about mental or physical illness, abuse, medication, or available community resources. |
| 75 | Assist clients in adhering to treatment plans, such as setting up appointments, arranging for transportation to appointments, or providing support. |
| 74 | Increase social work knowledge by reviewing current literature, conducting social research, or attending seminars, training workshops, or classes. |
| 63 | Plan or conduct programs to prevent substance abuse, combat social problems, or improve health or counseling services in community. |
| 60 | Supervise or direct other workers who provide services to clients or patients. |
| 49 | Develop or advise on social policy or assist in community development. |

| Related Occupations | |
|--|--|
| 21-1023.00 - Mental Health and Substance Abuse Social Workers | |
| O*NET-SOC Code | O*NET-SOC Title |
| 19-3031.03 | Counseling Psychologists |
| 21-1011.00 | Substance Abuse and Behavioral Disorder Counselors |
| 21-1012.00 | Educational, Guidance, School, and Vocational Counselors |
| 21-1013.00 | Marriage and Family Therapists |
| 21-1014.00 | Mental Health Counselors |
| 21-1015.00 | Rehabilitation Counselors |
| 21-1021.00 | Child, Family, and School Social Workers |

21-1023 Mental Health and Substance Abuse Social Workers

| Work Activities | | |
|---|---|---|
| 21-1023.00 - Mental Health and Substance Abuse Social Workers | | |
| Importance | Work Activity | Work Activity Description |
| 91 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 91 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 90 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 87 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 84 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 79 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 77 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 76 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 74 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 73 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 73 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 73 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 72 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 70 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 70 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 66 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 64 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 62 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 58 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |

21-1093 Social and Human Service Assistants

Assist in providing client services in a wide variety of fields, such as psychology, rehabilitation, or social work, including support for families. May assist clients in identifying and obtaining available benefits and social and community services. May assist social workers with developing, organizing, and conducting programs to prevent and resolve problems relevant to substance abuse, human relationships, rehabilitation, or dependent care.

OES (March 2018 Updated to March 2019 ECI)

| | |
|---------------------------------|-------|
| Total Employment | 770 |
| Mean Hourly Wage | 16.98 |
| Mean Annual Wage | 35310 |
| Health Care Employment | 460 |
| Health Care Mean Hourly Wage | 16.45 |
| Health Care Mean Annual Wage | 34209 |
| Other Services Employment | 60 |
| Other Services Mean Hourly Wage | 16.12 |
| Other Services Mean Annual Wage | 33528 |
| Public Admin. Employment | 240 |
| Public Admin. Mean Hourly Wage | 17.93 |
| Public Admin. Mean Annual Wage | 37279 |
| Northwest Employment | 200 |
| Northwest Mean Hourly Wage | 16.93 |
| Northwest Mean Annual Wage | 35219 |
| Southwest Employment | 110 |
| Southwest Mean Hourly Wage | 16.78 |
| Southwest Mean Annual Wage | 34891 |
| Northeast Employment | 230 |
| Northeast Mean Hourly Wage | 16.13 |
| Northeast Mean Annual Wage | 33533 |
| Central-SE Employment | 50 |
| Central-SE Mean Hourly Wage | 18.42 |

| | |
|---|--------|
| Central-SE Mean Annual Wage | 38301 |
| Cheyenne MSA Employment | 80 |
| Cheyenne MSA Mean Hourly Wage | 21.54 |
| Cheyenne MSA Mean Annual Wage | 44797 |
| Casper MSA Employment | 100 |
| Casper MSA Mean Hourly Wage | 15.05 |
| Casper MSA Mean Annual Wage | 31307 |
| New Hires Survey | |
| New Hires est N | 545.47 |
| New Hires Median \$ | 13.16 |
| New Hires Health Insurance | 28.736 |
| New Hires Retirement Plan | 57.472 |
| New Hires Paid Time Off | 57.472 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 82.759 |
| New Hires Reading Comprehension | 94.253 |
| New Hires Female | 88.506 |

**Total Employment
770
Mean Annual Wage
\$35,310**

| | |
|---|---------|
| New Hires Male | 11.494 |
| New Hires 20-24 | 19.5398 |
| New Hires 25-34 | 17.241 |
| New Hires 35-44 | 28.736 |
| New Hires 45-54 | 28.736 |
| New Hires 55-64 | 5.747 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 870 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 100 |
| Colorado 2018 Employment | 2710 |
| Colorado Percentage Growth | 4.1 |
| Colorado Annual Openings | 380 |
| Idaho 2018 Employment | 2770 |
| Idaho Percentage Growth | 4.7 |
| Idaho Annual Openings | 390 |
| Montana 2018 Employment | 1390 |
| Montana Percentage Growth | 3.6 |
| Montana Annual Openings | 190 |
| Nebraska 2018 Employment | 4370 |
| Nebraska Percentage Growth | 2.1 |
| Nebraska Annual Openings | 560 |
| South Dakota 2018 Employment | 950 |
| South Dakota Percentage Growth | 3.2 |
| South Dakota Annual Openings | 120 |
| Utah 2018 Employment | 6950 |
| Utah Percentage Growth | 1.3 |
| Utah Annual Openings | 860 |

| Related Occupations | |
|---|---|
| 21-1093.00 - Social and Human Service Assistants | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1092.00 | Probation Officers and Correctional Treatment Specialists |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-9041.00 | Teacher Assistants |
| 29-2053.00 | Psychiatric Technicians |
| 33-3012.00 | Correctional Officers and Jailers |
| 39-9032.00 | Recreation Workers |
| 39-9041.00 | Residential Advisors |
| 43-1011.00 | First-Line Supervisors of Office and Administrative Support Workers |

| Tasks | |
|---|--|
| 21-1093.00 - Social and Human Service Assistants | |
| Importance | Task |
| 79 | Keep records or prepare reports for owner or management concerning visits with clients. |
| 78 | Provide information or refer individuals to public or private agencies or community services for assistance. |
| 77 | Visit individuals in homes or attend group meetings to provide information on agency services, requirements, or procedures. |
| 76 | Interview individuals or family members to compile information on social, educational, criminal, institutional, or drug history. |
| 75 | Submit reports and review reports or problems with superior. |
| 63 | Advise clients regarding food stamps, child care, food, money management, sanitation, or housekeeping. |
| 61 | Consult with supervisor concerning programs for individual families. |

21-1093 Social and Human Service Assistants

| Work Activities | | |
|--|---|---|
| 21-1093.00 - Social and Human Service Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 84 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 80 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 77 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 77 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 70 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 70 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 69 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 69 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 68 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 68 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 66 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 65 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 62 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 62 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 60 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 60 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 59 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 59 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 57 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 56 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 56 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 55 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |

23-1011 Lawyers

| | |
|--|--------|
| Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, and manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 790 |
| Mean Hourly Wage | 51.65 |
| Mean Annual Wage | 107436 |
| Prof. & Technical Employment | 480 |
| Prof. & Technical Mean Hourly Wage | 55.55 |
| Prof. & Tech. Mean Annual Wage | 115539 |
| Health Care Employment | 10 |
| Health Care Mean Hourly Wage | 58.97 |
| Health Care Mean Annual Wage | 122661 |
| Public Admin. Employment | 270 |
| Public Admin. Mean Hourly Wage | 43.56 |
| Public Admin. Mean Annual Wage | 90591 |
| Northwest Employment | 90 |
| Southwest Employment | 100 |
| Southwest Mean Hourly Wage | 34.55 |
| Southwest Mean Annual Wage | 71862 |
| Northeast Employment | 70 |
| Northeast Mean Hourly Wage | 42.92 |
| Northeast Mean Annual Wage | 89282 |
| Central-SE Employment | 140 |
| Central-SE Mean Hourly Wage | 49.34 |
| Central-SE Mean Annual Wage | 102631 |

| | |
|---|--------|
| Cheyenne MSA Employment | 270 |
| Cheyenne MSA Mean Hourly Wage | 55.96 |
| Cheyenne MSA Mean Annual Wage | 116396 |
| Casper MSA Employment | 100 |
| Casper MSA Mean Hourly Wage | 60.33 |
| Casper MSA Mean Annual Wage | 125494 |
| New Hires Survey | |
| New Hires est N | 152.3 |
| New Hires Median \$ | 31.25 |
| New Hires Health Insurance | 78.176 |
| New Hires Retirement Plan | 64.55 |
| New Hires Paid Time Off | 78.176 |
| New Hires Service Orientation Important | 78.176 |
| New Hires Critical Thinking | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 35.912 |

**Total Employment
790
Mean Annual Wage
\$107,436**

| | |
|---|--------|
| New Hires Male | 64.088 |
| New Hires <20 | 7.3 |
| New Hires 20-24 | 7.2748 |
| New Hires 25-34 | 50 |
| New Hires 35-44 | 14.088 |
| New Hires 45-54 | 21.363 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1020 |
| Wyoming Percentage Growth | 2 |
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 15210 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 910 |
| Idaho 2018 Employment | 1530 |
| Idaho Percentage Growth | 2.6 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 2410 |
| Montana Percentage Growth | 2.1 |
| Montana Annual Openings | 120 |
| Nebraska 2018 Employment | 3790 |
| Nebraska Percentage Growth | 2.6 |
| Nebraska Annual Openings | 210 |
| South Dakota 2018 Employment | 990 |
| South Dakota Percentage Growth | 2 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 5820 |
| Utah Percentage Growth | 5.2 |
| Utah Annual Openings | 400 |

LAWYERS

SOC Code 23-1011

Entry Salary

\$32.83/hr

Average Salary

\$51.65/hr

Job Description

Lawyers advise clients regarding legal rights, procedures and obligations, in addition to representing them in courts of law. Lawyers also represent clients before government agencies and prepare any appropriate legal documents.

Requirements

By Exam:

1. Graduate from an approved ABA-accredited law school.

2. A score of at least 270 on the Uniform Bar Exam (UBE)
 3. A score of at least 85 on the Multistate Professional Responsibility Examination (MPRE)
 4. Must be found to be of good moral character and fitness to practice law as found by the National Conference of Bar Examiners (NCBE) character report and review by the Character and Fitness committee.
- By Motion:**

1. Must have engaged in active practice of law for 5-7 years preceding application for motion
2. Certificates of admission and good standing from the highest

court for each jurisdiction in which the applicant is admitted to practice law

3. Evidence of compliance with the continuing legal education (CLE) requirements of all jurisdictions in which the applicant is admitted to practice law (if applicable)

4. Must be found to be of good moral character and fitness to practice law as found by the National Conference of Bar Examiners (NCBE) character report and review by the Character and Fitness committee.

5. J.D. from an ABA-approved law school

23-1011 Lawyers

6. A scaled score of 85 or higher on the Multistate Professional Responsibility Examination (MPRE)

By Uniform Bar Exam (UBE) Score Transfer:

1. Graduate from an approved ABA-accredited law school
 2. Transfer of a score of at least 270 on the Uniform Bar Exam (UBE)
 3. Transfer of a score of at least 85 on the Multistate Professional Responsibility Examination (MPRE)
 4. Must be found to be of good moral character and fitness to practice law as found by the National Conference of Bar Examiners (NCBE) character report and review by the Character and Fitness committee.
- For more information, please visit: <https://www.courts.state.wy.us/supreme-court/bar->

admission/
Restrictions
Admission depends on detailed background investigation.

School Located in Wyoming
University of Wyoming - Laramie - College of Law
<http://www.uwyo.edu/law/>
License
Lawyers must be licensed by the Wyoming Supreme Court and be admitted to the Wyoming State Bar to practice law.

Examination
Multiple-choice and essay examinations are administered during February and July.

Fees
Examination \$600.00 plus \$355-\$500 for character investigation
Admission by Motion. . . . \$600.00
Uniform Bar Exam
Score Transfer \$600.00
Yearly Dues. \$237.50-\$355

Licensing Agency

Cathy Duncil, Admissions Director
Wyoming State Bar
Board of Law Examiners
P.O. Box 109
Cheyenne, WY 82003
Phone: (307) 432-2105
Fax: (307) 632-3737
<http://www.wyomingbar.org/>

Additional Sources of Information
American Bar Association
321 N. Clark St.
Chicago, IL 60654-7598
Phone: (31) 988-5000
<http://www.americanbar.org/aba.html>
Federal Bar Association
1220 N. Filmore St., Ste. 444
Arlington, VA 22201
Phone: (571) 481-9100
<http://www.fedbar.org/>
Occupational Outlook Handbook: "Lawyers"
<http://www.bls.gov/ooh/legal/lawyers.htm>
Last Updated June 2019

| Work Activities | | |
|----------------------|---|---|
| 23-1011.00 - Lawyers | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 93 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 93 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 87 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 87 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 85 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 84 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 84 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 81 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |

25-1194 Vocational Education Teachers, Postsecondary

| | |
|--|-------|
| Teach or instruct vocational or occupational subjects at the postsecondary level (but at less than the baccalaureate) to students who have graduated or left high school. Include correspondence school instructors; industrial, commercial and government tra | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 190 |
| Mean Hourly Wage | 30.57 |
| Mean Annual Wage | 63586 |
| Educational Employment | 180 |
| Educational Mean Hourly Wage | 30.77 |
| Educational Mean Annual Wage | 63986 |
| Northwest Employment | 20 |
| Northwest Mean Hourly Wage | 25.68 |
| Northwest Mean Annual Wage | 53416 |

| | |
|-------------------------------|-------|
| Central-SE Mean Hourly Wage | 30.23 |
| Central-SE Mean Annual Wage | 62869 |
| Cheyenne MSA Employment | 50 |
| Cheyenne MSA Mean Hourly Wage | 34.36 |
| Cheyenne MSA Mean Annual Wage | 71473 |

**Total Employment
190
Mean Annual Wage
\$63,586**

| New Hires Survey | |
|----------------------------|-------|
| New Hires est N | 14.63 |
| New Hires Median \$ | 31.99 |
| New Hires Health Insurance | 100 |
| New Hires Male | 100 |
| New Hires 55-64 | 100 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 220 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 2540 |
| Colorado Percentage Growth | 2.8 |
| Colorado Annual Openings | 230 |
| Idaho 2018 Employment | 930 |
| Idaho Percentage Growth | 2.2 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 280 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 460 |
| Nebraska Percentage Growth | 2.2 |
| Nebraska Annual Openings | 40 |
| South Dakota 2018 Employment | 320 |
| South Dakota Percentage Growth | 3.1 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 2930 |
| Utah Percentage Growth | -0.3 |
| Utah Annual Openings | 220 |

| Tasks | |
|---|--|
| 25-1194.00 - Vocational Education Teachers, Postsecondary | |
| Importance | Task |
| 88 | Observe and evaluate students' work to determine progress, provide feedback, and make suggestions for improvement. |
| 87 | Present lectures and conduct discussions to increase students' knowledge and competence using visual aids, such as graphs, charts, videotapes, and slides. |
| 87 | Supervise and monitor students' use of tools and equipment. |
| 83 | Administer oral, written, or performance tests to measure progress and to evaluate training effectiveness. |
| 83 | Provide individualized instruction and tutorial or remedial instruction. |
| 82 | Prepare reports and maintain records, such as student grades, attendance rolls, and training activity details. |
| 82 | Develop curricula and plan course content and methods of instruction. |
| 79 | Determine training needs of students or workers. |
| 79 | Supervise independent or group projects, field placements, laboratory work, or other training. |
| 78 | Integrate academic and vocational curricula so that students can obtain a variety of skills. |
| 78 | Select and assemble books, materials, supplies, and equipment for training, courses, or projects. |
| 77 | Conduct on-the-job training classes or training sessions to teach and demonstrate principles, techniques, procedures, or methods of designated subjects. |
| 75 | Acquire, maintain, and repair laboratory equipment and tools. |
| 74 | Prepare outlines of instructional programs and training schedules and establish course goals. |
| 73 | Advise students on course selection, career decisions, and other academic and vocational concerns. |
| 73 | Participate in conferences, seminars, and training sessions to keep abreast of developments in the field, and integrate relevant information into training programs. |
| 71 | Develop teaching aids, such as instructional software, multimedia visual aids, or study materials. |

| Related Occupations | |
|---|---|
| 25-1194.00 - Vocational Education Teachers, Postsecondary | |
| O*NET-SOC Code | O*NET-SOC Title |
| 11-9051.00 | Food Service Managers |
| 21-1093.00 | Social and Human Service Assistants |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-2032.00 | Career/Technical Education Teachers, Secondary School |
| 25-3021.00 | Self-Enrichment Education Teachers |
| 39-1021.00 | First-Line Supervisors of Personal Service Workers |

25-1194 Vocational Education Teachers, Postsecondary

| Work Activities | | |
|---|---|---|
| 25-1194.00 - Vocational Education Teachers, Postsecondary | | |
| Importance | Work Activity | Work Activity Description |
| 92 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 81 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 79 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 76 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 72 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 71 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 69 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 68 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 67 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 67 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 67 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 66 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 64 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 63 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 63 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 61 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 61 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 61 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 60 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 60 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 59 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |

25-2012 Kindergarten Teachers, Except Special Education

| | |
|--|-------|
| Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 430 |
| Mean Annual Wage | 58387 |
| Educational Employment | 420 |
| Educational Mean Annual Wage | 59118 |
| Northwest Employment | 80 |
| Northwest Mean Annual Wage | 58031 |
| Southwest Employment | 90 |
| Southwest Mean Annual Wage | 62820 |
| Northeast Employment | 60 |
| Northeast Mean Annual Wage | 57233 |
| Central-SE Employment | 60 |
| Central-SE Mean Annual Wage | 55998 |
| Cheyenne MSA Employment | 80 |

| New Hires Survey | |
|---|-------|
| New Hires est N | 14.63 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 35-44 | 100 |

**Total Employment
430
Mean Annual Wage
\$58,387**

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 470 |
| Wyoming Percentage Growth | 2.1 |
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 3780 |
| Colorado Percentage Growth | 3.4 |
| Colorado Annual Openings | 440 |
| Idaho 2018 Employment | 320 |
| Idaho Percentage Growth | 6.3 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 290 |
| Montana Percentage Growth | 3.4 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 1180 |
| Nebraska Percentage Growth | 1.7 |
| Nebraska Annual Openings | 130 |
| South Dakota 2018 Employment | 710 |
| South Dakota Percentage Growth | 1.4 |
| South Dakota Annual Openings | 80 |
| Utah 2018 Employment | 610 |
| Utah Percentage Growth | 3.3 |
| Utah Annual Openings | 70 |

| Tasks | |
|--|---|
| 25-2012.00 - Kindergarten Teachers, Except Special Education | |
| Importance | Task |
| 93 | Establish and enforce rules for behavior and policies and procedures to maintain order among students. |
| 92 | Prepare children for later grades by encouraging them to explore learning opportunities and to persevere with challenging tasks. |
| 91 | Instruct students individually and in groups, adapting teaching methods to meet students' varying needs and interests. |
| 90 | Teach basic skills, such as color, shape, number and letter recognition, personal hygiene, and social skills. |
| 89 | Demonstrate activities to children. |
| 87 | Read books to entire classes or to small groups. |
| 87 | Guide and counsel students with adjustment or academic problems or special academic interests. |
| 87 | Observe and evaluate children's performance, behavior, social development, and physical health. |
| 86 | Provide a variety of materials and resources for children to explore, manipulate, and use, both in learning activities and in imaginative play. |
| 86 | Prepare and implement remedial programs for students requiring extra help. |
| 86 | Identify children showing signs of emotional, developmental, or health-related problems and discuss them with supervisors, parents or guardians, and child development specialists. |
| 85 | Maintain accurate and complete student records and prepare reports on children and activities as required by laws, district policies, and administrative regulations. |
| 83 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to children. |
| 83 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |

| Related Occupations | |
|--|--|
| 25-2012.00 - Kindergarten Teachers, Except Special Education | |
| O*NET-SOC Code | O*NET-SOC Title |
| 11-9031.00 | Education Administrators, Preschool and Childcare Center/Program |
| 21-2021.00 | Directors, Religious Activities and Education |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 25-3021.00 | Self-Enrichment Education Teachers |
| 25-9041.00 | Teacher Assistants |
| 39-9011.01 | Nannies |
| 39-9032.00 | Recreation Workers |

25-2012 Kindergarten Teachers, Except Special Education

| Work Activities | | |
|--|---|---|
| 25-2012.00 - Kindergarten Teachers, Except Special Education | | |
| Importance | Work Activity | Work Activity Description |
| 81 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 80 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 78 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 75 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 74 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 74 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 72 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 70 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 69 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 65 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 65 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 64 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 64 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 64 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 64 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 63 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 62 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 62 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 60 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 59 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 59 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 57 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 56 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 54 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |

25-2021 Elementary School Teachers, Except Special Education

| | |
|---|--------|
| Teach pupils in public or private schools at the elementary level basic academic, social, and other formative skills. Exclude "Special Education Teachers" (25-2041 through 25-2043). | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 2600 |
| Mean Annual Wage | 59969 |
| Educational Employment | 2600 |
| Educational Mean Annual Wage | 59969 |
| Northwest Employment | 480 |
| Northwest Mean Annual Wage | 59075 |
| Southwest Employment | 600 |
| Southwest Mean Annual Wage | 61999 |
| Northeast Employment | 340 |
| Northeast Mean Annual Wage | 58217 |
| Central-SE Employment | 390 |
| Central-SE Mean Annual Wage | 55555 |
| Cheyenne MSA Employment | 470 |
| Cheyenne MSA Mean Annual Wage | 64589 |
| New Hires Survey | |
| New Hires est N | 336.58 |
| New Hires Median \$ | 22.84 |
| New Hires Health Insurance | 78.261 |

| | |
|---|---------|
| New Hires Retirement Plan | 73.913 |
| New Hires Paid Time Off | 78.261 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 82.609 |
| New Hires Reading Comprehension | 95.652 |
| New Hires Female | 65.217 |
| New Hires Male | 34.783 |
| New Hires 20-24 | 17.3913 |
| New Hires 25-34 | 30.435 |
| New Hires 35-44 | 13.043 |
| New Hires 45-54 | 30.435 |
| New Hires 55-64 | 8.696 |

**Total Employment
2,600
Mean Annual Wage
\$59,969**

| Short Term Projections 2018-2020 | |
|----------------------------------|-------|
| Wyoming 2018 Employment | 2920 |
| Wyoming Percentage Growth | 1.7 |
| Wyoming Annual Openings | 230 |
| Colorado 2018 Employment | 25900 |
| Colorado Percentage Growth | 3.4 |
| Colorado Annual Openings | 2290 |
| Idaho 2018 Employment | 7060 |
| Idaho Percentage Growth | 3.3 |
| Idaho Annual Openings | 620 |
| Montana 2018 Employment | 3080 |
| Montana Percentage Growth | 1.6 |
| Montana Annual Openings | 250 |
| Nebraska 2018 Employment | 11320 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 910 |
| South Dakota 2018 Employment | 4430 |
| South Dakota Percentage Growth | 2 |
| South Dakota Annual Openings | 360 |
| Utah 2018 Employment | 13230 |
| Utah Percentage Growth | 3.9 |
| Utah Annual Openings | 1200 |

| Tasks | |
|---|---|
| 25-2021.00 - Elementary School Teachers, Except Special Education | |
| Importance | Task |
| 93 | Establish and enforce rules for behavior and procedures for maintaining order among the students for whom they are responsible. |
| 91 | Adapt teaching methods and instructional materials to meet students' varying needs and interests. |
| 91 | Instruct students individually and in groups, using various teaching methods, such as lectures, discussions, and demonstrations. |
| 89 | Confer with parents or guardians, teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 88 | Prepare students for later grades by encouraging them to explore learning opportunities and to persevere with challenging tasks. |
| 88 | Prepare materials and classrooms for class activities. |
| 87 | Provide a variety of materials and resources for children to explore, manipulate, and use, both in learning activities and in imaginative play. |
| 87 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to students. |
| 87 | Guide and counsel students with adjustment or academic problems, or special academic interests. |
| 87 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 86 | Enforce administration policies and rules governing students. |
| 86 | Read books to entire classes or small groups. |

| Related Occupations | |
|---|---|
| 25-2021.00 - Elementary School Teachers, Except Special Education | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1012.00 | Educational, Guidance, School, and Vocational Counselors |
| 21-2021.00 | Directors, Religious Activities and Education |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-2012.00 | Kindergarten Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 25-3011.00 | Adult Basic and Secondary Education and Literacy Teachers and Instructors |

25-2021 Elementary School Teachers, Except Special Education

| Work Activities | | |
|---|---|---|
| 25-2021.00 - Elementary School Teachers, Except Special Education | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 82 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 79 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 78 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 78 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 78 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 77 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 77 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 75 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 74 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 69 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 68 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 68 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 67 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 65 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 65 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 65 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 62 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 62 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 60 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 60 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 60 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 59 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |

25-2022 Middle School Teachers, Except Special and Career/Technical Education

| | |
|---|-------|
| Teach students in one or more subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable laws and regulations. Substitute teachers are included. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1120 |
| Mean Annual Wage | 61804 |
| Educational Employment | 1120 |
| Educational Mean Annual Wage | 61804 |
| Northwest Employment | 270 |
| Northwest Mean Annual Wage | 61102 |
| Southwest Employment | 250 |
| Southwest Mean Annual Wage | 64125 |
| Northeast Employment | 110 |
| Northeast Mean Annual Wage | 60321 |
| Central-SE Employment | 170 |
| Central-SE Mean Annual Wage | 55619 |

| New Hires Survey | |
|---|--------|
| New Hires est N | 43.9 |
| New Hires Median \$ | 23.41 |
| New Hires Health Insurance | 66.667 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |

| |
|---|
| <p>Total Employment 1,120 Mean Annual Wage \$61,804</p> |
|---|

| New Hires Critical Thinking Important | 100 |
|---------------------------------------|--------|
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 25-34 | 66.667 |
| New Hires 45-54 | 33.333 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1030 |
| Wyoming Percentage Growth | 1.9 |
| Wyoming Annual Openings | 80 |
| Colorado 2018 Employment | 12930 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 1140 |
| Idaho 2018 Employment | 2500 |
| Idaho Percentage Growth | 3.2 |
| Idaho Annual Openings | 220 |
| Montana 2018 Employment | 1310 |
| Montana Percentage Growth | 1.5 |
| Montana Annual Openings | 110 |
| Nebraska 2018 Employment | 4250 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 340 |
| South Dakota 2018 Employment | 2260 |
| South Dakota Percentage Growth | 2.2 |
| South Dakota Annual Openings | 180 |
| Utah 2018 Employment | 5980 |
| Utah Percentage Growth | 3.8 |
| Utah Annual Openings | 540 |

| Tasks | |
|--|--|
| 25-2022.00 - Middle School Teachers, Except Special and Career/Technical Education | |
| Importance | Task |
| 92 | Prepare students for later grades by encouraging them to explore learning opportunities and to persevere with challenging tasks. |
| 90 | Adapt teaching methods and instructional materials to meet students' varying needs and interests. |
| 89 | Establish clear objectives for all lessons, units, and projects, and communicate these objectives to students. |
| 88 | Establish and enforce rules for behavior and procedures for maintaining order among students. |
| 88 | Prepare objectives and outlines for courses of study, following curriculum guidelines or requirements of states and schools. |
| 87 | Prepare, administer, and grade tests and assignments to evaluate students' progress. |
| 87 | Prepare materials and classrooms for class activities. |
| 86 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 85 | Maintain accurate, complete, and correct student records as required by laws, district policies, and administrative regulations. |
| 85 | Instruct through lectures, discussions, and demonstrations in one or more subjects, such as English, mathematics, or social studies. |
| 81 | Use computers, audio-visual aids, and other equipment and materials to supplement presentations. |
| 80 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 80 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |
| 79 | Guide and counsel students with adjustment or academic problems, or special academic interests. |
| 79 | Enforce all administration policies and rules governing students. |
| 78 | Assign lessons and correct homework. |

| Related Occupations | |
|--|---|
| 25-2022.00 - Middle School Teachers, Except Special and Career/Technical Education | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1012.00 | Educational, Guidance, School, and Vocational Counselors |
| 21-2021.00 | Directors, Religious Activities and Education |
| 25-2012.00 | Kindergarten Teachers, Except Special Education |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 25-3011.00 | Adult Basic and Secondary Education and Literacy Teachers and Instructors |

25-2022 Middle School Teachers, Except Special and Career/Technical Education

| Work Activities | | |
|--|---|---|
| 25-2022.00 - Middle School Teachers, Except Special and Career/Technical Education | | |
| Importance | Work Activity | Work Activity Description |
| 87 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 87 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 84 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 84 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 79 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 79 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 77 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 77 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 73 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 72 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 72 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 71 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 71 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 71 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 70 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 70 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 69 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 67 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 66 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 65 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 65 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |

25-2023 Career/Technical Education Teachers, Middle School

Teach occupational, career and technical, or vocational subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable laws and regulations.

OES (March 2018 Updated to March 2019 ECI)

| | |
|------------------------------|-------|
| Total Employment | 50 |
| Mean Annual Wage | 61415 |
| Educational Employment | 50 |
| Educational Mean Annual Wage | 61415 |
| Northwest Employment | 20 |
| Northwest Mean Annual Wage | 59627 |
| Southwest Employment | 10 |
| Southwest Mean Annual Wage | 64909 |

Short Term Projections 2018-2020

| | |
|----------------------------|-----|
| Colorado 2018 Employment | 210 |
| Colorado Percentage Growth | 4.8 |
| Colorado Annual Openings | 20 |
| Idaho 2018 Employment | 20 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Nebraska 2018 Employment | 80 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |

Total Employment
50
Mean Annual Wage
\$61,415

Related Occupations

25-2023.00 - Career/Technical Education Teachers, Middle School

| O*NET-SOC Code | O*NET-SOC Title |
|----------------|---|
| 13-1081.00 | Logisticians |
| 13-1151.00 | Training and Development Specialists |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Ed. |

| Tasks | |
|---|--|
| 25-2023.00 - Career/Technical Education Teachers, Middle School | |
| Importance | Task |
| 88 | Instruct students individually and in groups, using various teaching methods, such as lectures, discussions, and demonstrations. |
| 88 | Prepare materials and classrooms for class activities. |
| 86 | Adapt teaching methods and instructional materials to meet students' varying needs and interests. |
| 86 | Establish and enforce rules for behavior and procedures for maintaining order among students. |
| 85 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to students. |
| 85 | Prepare students for later educational experiences by encouraging them to explore learning opportunities and to persevere with challenging tasks. |
| 85 | Maintain accurate and complete student records as required by laws, district policies, and administrative regulations. |
| 84 | Instruct and monitor students in the use and care of equipment and materials to prevent injuries and damage. |
| 83 | Assign and grade class work and homework. |
| 81 | Enforce all administration policies and rules governing students. |
| 81 | Prepare, administer, and grade tests and assignments to evaluate students' progress. |
| 81 | Prepare objectives and outlines for courses of study, following curriculum guidelines or requirements of states and schools. |
| 80 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 78 | Use computers, audio-visual aids, and other equipment and materials to supplement presentations. |
| 78 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |
| 78 | Guide and counsel students with adjustments or academic problems, or special academic interests. |
| 77 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 77 | Select, store, order, issue, inventory, and maintain classroom equipment, materials, and supplies. |
| 76 | Meet with parents and guardians to discuss their children's progress and to determine priorities for their children and their resource needs. |
| 76 | Provide disabled students with assistive devices, supportive technology, and assistance accessing facilities, such as restrooms. |
| 73 | Prepare for assigned classes and show written evidence of preparation upon request of immediate supervisors. |
| 72 | Prepare and implement remedial programs for students requiring extra help. |
| 72 | Meet with other professionals to discuss individual students' needs and progress. |
| 72 | Prepare reports on students and activities as required by administration. |
| 71 | Confer with other staff members to plan and schedule lessons promoting learning, following approved curricula. |
| 70 | Collaborate with other teachers and administrators in the development, evaluation, and revision of middle school programs. |

25-2023 Career/Technical Education Teachers, Middle School

| Work Activities | | |
|---|---|---|
| 25-2023.00 - Career/Technical Education Teachers, Middle School | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 79 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 79 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 79 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 75 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 74 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 73 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 73 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 72 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 71 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 70 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 68 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 67 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 67 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 66 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 66 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 66 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 65 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 63 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 63 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |

25-2031 Secondary School Teachers, Except Special and Career/Technical Ed

| | |
|--|--------|
| Teach students in one or more subjects, such as English, mathematics, or social studies at the secondary level in public or private schools. May be designated according to subject matter specialty. Substitute teachers are included in ""Teachers and Ins | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1850 |
| Mean Annual Wage | 61674 |
| Educational Employment | 1820 |
| Educational Mean Annual Wage | 61928 |
| Health Care Employment | 30 |
| Health Care Mean Annual Wage | 46787 |
| Northwest Employment | 310 |
| Northwest Mean Annual Wage | 60034 |
| Southwest Employment | 440 |
| Southwest Mean Annual Wage | 62646 |
| Northeast Employment | 230 |
| Northeast Mean Annual Wage | 58312 |
| Central-SE Employment | 340 |
| Central-SE Mean Annual Wage | 58465 |
| Cheyenne MSA Employment | 310 |
| Cheyenne MSA Mean Annual Wage | 66814 |
| New Hires Survey | |
| New Hires est N | 117.07 |

| | |
|---|-------|
| New Hires Median \$ | 22.86 |
| New Hires Health Insurance | 87.5 |
| New Hires Retirement Plan | 75 |
| New Hires Paid Time Off | 87.5 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 87.5 |
| New Hires Reading Comprehension | 87.5 |
| New Hires Female | 50 |
| New Hires Male | 37.5 |
| New Hires Sex Unknown | 12.5 |
| New Hires 20-24 | 25 |
| New Hires 25-34 | 50 |
| New Hires 35-44 | 12.5 |

**Total Employment
1,850
Mean Annual Wage
\$61,674**

| | |
|---|-------|
| New Hires Age Unknown | 12.5 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1920 |
| Wyoming Percentage Growth | 1.6 |
| Wyoming Annual Openings | 150 |
| Colorado 2018 Employment | 16320 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 1410 |
| Idaho 2018 Employment | 4820 |
| Idaho Percentage Growth | 3.3 |
| Idaho Annual Openings | 410 |
| Montana 2018 Employment | 2630 |
| Montana Percentage Growth | 1.9 |
| Montana Annual Openings | 210 |
| Nebraska 2018 Employment | 8470 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 660 |
| South Dakota 2018 Employment | 3730 |
| South Dakota Percentage Growth | 2.1 |
| South Dakota Annual Openings | 300 |
| Utah 2018 Employment | 8590 |
| Utah Percentage Growth | 3.7 |
| Utah Annual Openings | 760 |

| Tasks | |
|---|--|
| 25-2031.00 - Secondary School Teachers, Except Special and Career/Technical Education | |
| Importance | Task |
| 90 | Prepare materials and classrooms for class activities. |
| 90 | Instruct through lectures, discussions, and demonstrations in one or more subjects, such as English, mathematics, or social studies. |
| 88 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to students. |
| 88 | Establish and enforce rules for behavior and procedures for maintaining order among students. |
| 84 | Adapt teaching methods and instructional materials to meet students' varying needs and interests. |
| 84 | Maintain accurate and complete student records as required by laws, district policies, and administrative regulations. |
| 83 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 82 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |
| 82 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 81 | Assign and grade class work and homework. |
| 80 | Prepare, administer, and grade tests and assignments to evaluate students' progress. |

| Related Occupations | |
|---|---|
| 25-2031.00 - Secondary School Teachers, Except Special and Career/Technical Education | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1151.00 | Training and Development Specialists |
| 21-2021.00 | Directors, Religious Activities and Education |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-3011.00 | Adult Basic and Secondary Education and Literacy Teachers and Instructors |
| 25-4021.00 | Librarians |
| 25-9031.00 | Instructional Coordinators |
| 39-9032.00 | Recreation Workers |

25-2031 Secondary School Teachers, Except Special and Career/Technical Ed

| Work Activities | | |
|---|---|---|
| 25-2031.00 - Secondary School Teachers, Except Special and Career/Technical Education | | |
| Importance | Work Activity | Work Activity Description |
| 86 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 82 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 81 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 80 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 79 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 79 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 77 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 76 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 74 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 74 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 74 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 73 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 73 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 69 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 69 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 66 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 66 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 66 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 66 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 62 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 61 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 61 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 58 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 58 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |

25-2032 Career/Technical Education Teachers, Secondary School

| | |
|--|-------|
| Teach occupational, career and technical, or vocational subjects at the secondary school level in public or private schools. Substitute teachers are included in ""Teachers and Instructors, All Other"" (25-3099). Excludes ""Special Education Teachers, S | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 240 |
| Mean Annual Wage | 60359 |
| Educational Employment | 230 |
| Educational Mean Annual Wage | 61784 |
| Southwest Employment | 40 |

| | |
|---|-------|
| Southwest Mean Annual Wage | 67924 |
| Northeast Employment | 50 |
| Northeast Mean Annual Wage | 56704 |
| Central-SE Employment | 60 |
| Central-SE Mean Annual Wage | 60452 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 300 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 750 |

| | |
|--------------------------------|-----|
| Colorado Percentage Growth | 4 |
| Colorado Annual Openings | 60 |
| Idaho 2018 Employment | 210 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 120 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 530 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 40 |
| South Dakota 2018 Employment | 350 |
| South Dakota Percentage Growth | 2.9 |
| South Dakota Annual Openings | 30 |

| Tasks | |
|--|---|
| 25-2032.00 - Career/Technical Education Teachers, Secondary School | |
| Importance | Task |
| 93 | Instruct students individually and in groups, using various teaching methods, such as lectures, discussions, and demonstrations. |
| 89 | Establish and enforce rules for behavior and procedures for maintaining order among students. |
| 86 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 86 | Prepare objectives and outlines for courses of study, following curriculum guidelines or requirements of states and schools. |
| 85 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |
| 84 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to students. |
| 84 | Maintain accurate and complete student records as required by law, district policy, and administrative regulations. |
| 84 | Instruct and monitor students in the use and care of equipment and materials to prevent injury and damage. |
| 83 | Prepare materials and classroom for class activities. |
| 82 | Assign and grade class work and homework. |
| 82 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 82 | Instruct students in the knowledge and skills required in a specific occupation or occupational field, using a systematic plan of lectures, discussions, audio-visual presentations, and laboratory, shop, and field studies. |
| 81 | Use computers, audio-visual aids, and other equipment and materials to supplement presentations. |
| 79 | Prepare, administer, and grade tests and assignments to evaluate students' progress. |
| 78 | Enforce all administration policies and rules governing students. |
| 78 | Prepare students for later grades by encouraging them to explore learning opportunities and to persevere with challenging tasks. |
| 77 | Plan and supervise work-experience programs in businesses, industrial shops, and school laboratories. |
| 77 | Meet with other professionals to discuss individual students' needs and progress. |
| 77 | Guide and counsel students with adjustment or academic problems, or special academic interests. |

| |
|--|
| <p>Total Employment 240</p> <p>Mean Annual Wage \$60,359</p> |
|--|

| Related Occupations | |
|--|--|
| 25-2032.00 - Career/Technical Education Teachers, Secondary School | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1091.00 | Health Educators |
| 25-1194.00 | Vocational Education Teachers, Postsecondary |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 39-1021.00 | First-Line Supervisors of Personal Service Workers |
| 39-9032.00 | Recreation Workers |

25-2032 Career/Technical Education Teachers, Secondary School

| Work Activities | | |
|--|---|--|
| 25-2032.00 - Career/Technical Education Teachers, Secondary School | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 81 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 79 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 79 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 76 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 76 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 76 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 75 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 74 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 73 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 73 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 70 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 69 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 68 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 68 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 67 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 67 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 66 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 65 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 65 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 62 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |

25-2052 Special Education Teachers, Kindergarten and Elementary School

| | |
|--|-------|
| Teach elementary school subjects to educationally and physically handicapped students. Includes teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 600 |
| Mean Annual Wage | 61848 |
| Educational Employment | 600 |
| Educational Mean Annual Wage | 61796 |
| Northwest Employment | 120 |
| Northwest Mean Annual Wage | 58510 |
| Southwest Employment | 150 |
| Southwest Mean Annual Wage | 63158 |

| | |
|---|-------|
| Northeast Employment | 110 |
| Northeast Mean Annual Wage | 68769 |
| Central-SE Employment | 80 |
| Central-SE Mean Annual Wage | 55819 |
| Cheyenne MSA Employment | 90 |
| Cheyenne MSA Mean Annual Wage | 63301 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 570 |
| Wyoming Percentage Growth | 1.8 |
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 2890 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 250 |

| | |
|--------------------------------|------|
| Idaho 2018 Employment | 570 |
| Idaho Percentage Growth | 3.5 |
| Idaho Annual Openings | 50 |
| Montana 2018 Employment | 540 |
| Montana Percentage Growth | 1.9 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 1360 |
| Nebraska Percentage Growth | 1.5 |
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 670 |
| South Dakota Percentage Growth | 1.5 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 1370 |
| Utah Percentage Growth | 3.6 |
| Utah Annual Openings | 120 |

SPECIAL EDUCATION TEACHERS

SOC Code 25-2041, 25-2042, 25-2043

Go to <http://doe.state.wy.us/lmi/oes.htm> for wage information for each of the SOC codes listed above.

Job Description

Special Education Teachers provide instruction to students with developmental disabilities.

Requirements

Earn a Standard Teaching Certificate which requires graduation from a nationally or regionally accredited teacher preparation program in Special Education.

Restrictions

Conviction of a felony or committing an immoral act. Incompetence, immorality, gross negligence or other reprehensible conduct.

Fraud or deceit in obtaining certification.

School Located in Wyoming

University of Wyoming - Laramie
<http://www.uwyo.edu/profstudies/specialed/>
 License

**Total Employment
600
Mean Annual Wage
\$61,848**

All Special Education Teachers must be licensed by the Professional Teaching Standards Board.

Examination

None.

Fees

Fingerprinting. \$50.00
 License (In-State) \$150.00
 License (Out-of-State) . . . \$200.00
 Renewal (Every 5 Years) . . \$200.00

Licensing Agency

Nish Goicolea, Executive Director
 Trisha Wright, Lead Licensing Specialist
 Professional Teaching Standards Board
 1920 Thomes Ave., Ste. 400
 Cheyenne, WY 82002
 Phone: (307) 777-7291
 Fax: (307) 777-8718
<http://ptsb.state.wy.us/>

Additional Sources of Information

National Education Association
 1201 16th Street, NW
 Washington, DC 20036-3290
 Phone: (202) 833-4000
<http://www.nea.org/>
 Council for the Accreditation of Educator Preparation
 1140 19th St NW, Suite 400
 Washington, DC 20036
 Phone: (202) 466-7496
<http://caepnet.org/>
 American Federation of Teachers, AFL-CIO
 555 New Jersey Ave., NW
 Washington, DC 20001
 Phone (202) 223-0077
<http://www.aft.org/>
 Wyoming Education Association
 115 E. 22nd St.
 Cheyenne, WY 82001
 Phone: (307) 634-7991
<http://wyoea.org/>
 Occupational Outlook Handbook: "Special Education Teachers"
<http://www.bls.gov/ooh/education-training-and-library/special-education-teachers.htm>
 Last Updated June 2019

25-2052 Special Education Teachers, Kindergarten and Elementary School

| Work Activities | | |
|---|---|---|
| 25-2052.00 - Special Education Teachers, Kindergarten and Elementary School | | |
| Importance | Work Activity | Work Activity Description |
| 82 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 77 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 76 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 76 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 76 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 75 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 75 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 73 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 72 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 71 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 71 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 71 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 71 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 68 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 65 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 63 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 63 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 62 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 60 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 60 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 60 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 58 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 56 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 56 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |

25-2053 Special Education Teachers, Middle School

| | |
|--|-------|
| Teach middle school subjects to educationally and physically handicapped students. Include teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impair | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 260 |
| Mean Annual Wage | 61432 |
| Educational Employment | 260 |
| Educational Mean Annual Wage | 61390 |
| Northwest Employment | 70 |
| Northwest Mean Annual Wage | 61575 |
| Southwest Employment | 60 |
| Southwest Mean Annual Wage | 63637 |
| Northeast Employment | 30 |
| Northeast Mean Annual Wage | 58049 |
| Central-SE Employment | 50 |
| Central-SE Mean Annual Wage | 59067 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 210 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 1630 |
| Colorado Percentage Growth | 3.7 |
| Colorado Annual Openings | 140 |
| Idaho 2018 Employment | 190 |

**Total Employment
260
Mean Annual Wage
\$61,432**

| | |
|--------------------------------|-----|
| Idaho Percentage Growth | 5.3 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 190 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 630 |
| Nebraska Percentage Growth | 1.6 |
| Nebraska Annual Openings | 50 |
| South Dakota 2018 Employment | 290 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 650 |
| Utah Percentage Growth | 4.6 |
| Utah Annual Openings | 60 |

| Related Occupations | |
|--|---|
| 25-2053.00 - Special Education Teachers, Middle School | |
| O*NET-SOC Code | O*NET-SOC Title |
| 11-9031.00 | Education Administrators, Preschool and Childcare Center/Program |
| 13-1151.00 | Training and Development Specialists |
| 21-1012.00 | Educational, Guidance, School, and Vocational Counselors |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-2012.00 | Kindergarten Teachers, Except Special Education |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 25-2054.00 | Special Education Teachers, Secondary School |
| 25-3011.00 | Adult Basic and Secondary Education and Literacy Teachers and Instructors |

| Tasks | |
|--|--|
| 25-2053.00 - Special Education Teachers, Middle School | |
| Importance | Task |
| 94 | Establish and enforce rules for behavior and policies and procedures to maintain order among students. |
| 92 | Modify the general education curriculum for special-needs students based upon a variety of instructional techniques and instructional technology. |
| 91 | Develop or write Individualized Education Programs (IEPs) for students. |
| 91 | Maintain accurate and complete student records, and prepare reports on children and activities, as required by laws, district policies, and administrative regulations. |
| 91 | Develop and implement strategies to meet the needs of students with a variety of handicapping conditions. |
| 89 | Teach socially acceptable behavior, employing techniques such as behavior modification and positive reinforcement. |
| 89 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 88 | Confer with parents, administrators, testing specialists, social workers, and professionals to develop individual educational plans designed to promote students' educational, physical, and social development. |
| 86 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 85 | Employ special educational strategies and techniques during instruction to improve the development of sensory- and perceptual-motor skills, language, cognition, and memory. |
| 85 | Collaborate with other teachers that provide instruction to special education students to ensure that the students receive appropriate support. |
| 84 | Teach students personal development skills, such as goal setting, independence, and self-advocacy. |
| 84 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe, question, and investigate. |
| 84 | Meet with parents and guardians to discuss their children's progress and to determine priorities for their children and their resource needs. |

25-2053 Special Education Teachers, Middle School

| Work Activities | | |
|--|---|--|
| 25-2053.00 - Special Education Teachers, Middle School | | |
| Importance | Work Activity | Work Activity Description |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 80 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 80 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 79 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 79 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 78 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 78 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 77 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 77 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 77 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 76 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 75 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 75 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 73 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 72 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 70 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 69 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 68 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 67 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 67 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 66 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 65 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 61 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 61 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |

25-2054 Special Education Teachers, Secondary School

Teach secondary school subjects to educationally and physically handicapped students. Include teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills.

OES (March 2018 Updated to March 2019 ECI)

| | |
|------------------------------|-------|
| Total Employment | 370 |
| Mean Annual Wage | 61203 |
| Educational Employment | 360 |
| Educational Mean Annual Wage | 60563 |
| Northwest Employment | 80 |
| Northwest Mean Annual Wage | 56445 |
| Southwest Employment | 70 |
| Southwest Mean Annual Wage | 68663 |

| | |
|-----------------------------|-------|
| Northeast Employment | 60 |
| Northeast Mean Annual Wage | 56610 |
| Central-SE Employment | 80 |
| Central-SE Mean Annual Wage | 60361 |

**Total Employment
370
Mean Annual Wage
\$61,203**

Short Term Projections 2018-2020

| | |
|--------------------------------|------|
| Wyoming 2018 Employment | 320 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 2070 |
| Colorado Percentage Growth | 3.4 |
| Colorado Annual Openings | 180 |
| Idaho 2018 Employment | 340 |
| Idaho Percentage Growth | 2.9 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 510 |
| Montana Percentage Growth | 2 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 1050 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 80 |
| South Dakota 2018 Employment | 500 |
| South Dakota Percentage Growth | 2 |
| South Dakota Annual Openings | 40 |
| Utah 2018 Employment | 1070 |
| Utah Percentage Growth | 3.7 |
| Utah Annual Openings | 90 |

| Tasks | |
|---|--|
| 25-2054.00 - Special Education Teachers, Secondary School | |
| Importance | Task |
| 90 | Develop and implement strategies to meet the needs of students with a variety of handicapping conditions. |
| 89 | Observe and evaluate students' performance, behavior, social development, and physical health. |
| 88 | Establish and enforce rules for behavior and policies and procedures to maintain order among students. |
| 88 | Teach socially acceptable behavior, employing techniques such as behavior modification and positive reinforcement. |
| 87 | Maintain accurate and complete student records, and prepare reports on children and activities, as required by laws, district policies, and administrative regulations. |
| 87 | Instruct through lectures, discussions, and demonstrations in one or more subjects, such as English, mathematics, or social studies. |
| 87 | Employ special educational strategies and techniques during instruction to improve the development of sensory- and perceptual-motor skills, language, cognition, and memory. |
| 87 | Meet with other professionals to discuss individual students' needs and progress. |
| 86 | Meet with parents and guardians to discuss their children's progress and to determine priorities for their children and their resource needs. |
| 86 | Modify the general education curriculum for special-needs students, based upon a variety of instructional techniques and technologies. |
| 84 | Prepare materials and classrooms for class activities. |
| 83 | Coordinate placement of students with special needs into mainstream classes. |
| 83 | Teach personal development skills, such as goal setting, independence, and self-advocacy. |
| 83 | Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems. |
| 83 | Confer with parents, administrators, testing specialists, social workers, and professionals to develop individual educational plans designed to promote students' educational, physical, and social development. |
| 80 | Plan and conduct activities for a balanced program of instruction, demonstration, and work time that provides students with opportunities to observe and investigate. |
| 80 | Establish clear objectives for all lessons, units, and projects and communicate those objectives to students. |

Related Occupations

25-2054.00 - Special Education Teachers, Secondary School

| O*NET-SOC Code | O*NET-SOC Title |
|----------------|---|
| 11-9031.00 | Education Administrators, Preschool and Childcare Center/Program |
| 21-1012.00 | Educational, Guidance, School, and Vocational Counselors |
| 25-2012.00 | Kindergarten Teachers, Except Special Education |
| 25-2021.00 | Elementary School Teachers, Except Special Education |
| 25-2022.00 | Middle School Teachers, Except Special and Career/Technical Education |
| 25-2023.00 | Career/Technical Education Teachers, Middle School |
| 25-2031.00 | Secondary School Teachers, Except Special and Career/Technical Education |
| 25-2053.00 | Special Education Teachers, Middle School |
| 25-3011.00 | Adult Basic and Secondary Education and Literacy Teachers and Instructors |

25-2054 Special Education Teachers, Secondary School

| Work Activities | | |
|---|---|--|
| 25-2054.00 - Special Education Teachers, Secondary School | | |
| Importance | Work Activity | Work Activity Description |
| 87 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 85 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 80 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 80 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 78 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 76 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 75 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 74 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 74 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 74 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 73 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 73 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 72 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 71 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 71 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 71 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 71 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 70 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 69 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 68 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 68 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 67 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 66 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 65 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |

25-3098 Substitute Teachers

| | |
|--|-------|
| Teach students in a public or private school when the regular teacher is absent. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 2400 |
| Mean Hourly Wage | 15.12 |
| Mean Annual Wage | 31450 |
| Educational Employment | 2400 |
| Educational Mean Hourly Wage | 15.12 |
| Educational Mean Annual Wage | 31450 |
| Northwest Employment | 480 |
| Northwest Mean Hourly Wage | 14.73 |
| Northwest Mean Annual Wage | 30634 |
| Southwest Employment | 460 |

SUBSTITUTE TEACHERS

SOC Code 25-3098

Entry Salary

\$13.32/hr

Average Salary

\$13.32/hr

There are no data for the Occupational Outlook section.

The growth rate and annual openings also vary, determined by the size of the school district and the amount of time teachers take off during the year.

Job Description

Substitute Teachers supervise a classroom when the teacher of record is absent. They are hired by the school district where they will substitute teach.

Requirements

1. .60 semester hours from an accredited college, or completion of an approved alternative route.

2. Pass a U.S. Constitution and Wyoming Constitution exam or have taken a college course that is equivalent.

Alternative

1. Hold a high school diploma or GED

2. Complete at least 24 hours of school district in-service training

| | |
|---|--------|
| Southwest Mean Hourly Wage | 14.06 |
| Southwest Mean Annual Wage | 29256 |
| Northeast Employment | 520 |
| Northeast Mean Hourly Wage | 13.68 |
| Northeast Mean Annual Wage | 28462 |
| Central-SE Employment | 340 |
| Central-SE Mean Hourly Wage | 15.54 |
| Central-SE Mean Annual Wage | 32308 |
| New Hires Survey | |
| New Hires est N | 673.17 |
| New Hires Median \$ | 13.75 |
| New Hires Service Orientation Important | 95.652 |
| New Hires Critical Thinking Important | 89.13 |

**Total Employment
2,400
Mean Annual Wage
\$31,450**

3. Complete at least 30 hours of classroom observation (10 hours must be completed at EACH level: elementary, junior high/middle, and high school)

4. Successfully complete the U.S. and Wyoming constitution exams

Restrictions

Conviction of a felony or committing an immoral act. Incompetence, immorality, gross negligence or other reprehensible conduct.

Fraud or deceit in obtaining certification.

School Located in Wyoming

All Wyoming Community Colleges - for links to all Wyoming community colleges, go to the Wyoming Community College Commission website at <http://www.communitycolleges.wy.edu/>

| | |
|---------------------------------|---------|
| New Hires Reading Comprehension | 97.826 |
| New Hires Female | 69.565 |
| New Hires Male | 26.087 |
| New Hires Sex Unknown | 4.3 |
| New Hires 20-24 | 28.2609 |
| New Hires 25-34 | 28.261 |
| New Hires 35-44 | 17.391 |
| New Hires 45-54 | 4.348 |
| New Hires 55-64 | 10.87 |
| New Hires 65+ | 6.5 |
| New Hires Age Unknown | 4.3 |

University of Wyoming - Laramie
<http://www.uwyo.edu/ted/>

Certificate

Substitute Teachers must have a Substitute Permit issued by the Professional Teaching Standards Board.

Examination

The U.S. Constitution and Wyoming Constitution exam can be taken at local school district offices or any other setting as long as it is proctored by a Professional Educator. For more information contact the Professional Teaching Standards Board.

Fees

Fingerprinting \$50.00
Application fee. \$50.00
Renewal every 5 years. \$50.00

Licensing Agency

Nish Goicolea, Executive Director
Trisha Wright, Lead Licensing Specialist
Professional Teaching Standards Board

1920 Thomes Ave., Ste. 400
Cheyenne, WY 82002

Phone: (307) 777-7291

Fax: (307) 777-8718

<http://ptsb.state.wy.us/>

Last updated June 2019

25-3098 Substitute Teachers

| Top paying States for this occupation: | | | | | |
|--|------------|------------------------------|-------------------|------------------|------------------|
| State | Employment | Employment per thousand jobs | Location quotient | Hourly mean wage | Annual mean wage |
| Maryland | 8,870 | 3.30 | 0.81 | \$28.29 | \$58,850 |
| Hawaii | 2,710 | 4.23 | 1.04 | \$22.61 | \$47,020 |
| Oregon | 5,090 | 2.70 | 0.67 | \$21.89 | \$45,520 |
| Vermont | 2,560 | 8.40 | 2.07 | \$20.39 | \$42,410 |
| California | 99,320 | 5.84 | 1.44 | \$20.20 | \$42,010 |

| States with the highest concentration of jobs and location quotients in this occupation: | | | | | |
|--|------------|------------------------------|-------------------|------------------|------------------|
| State | Employment | Employment per thousand jobs | Location quotient | Hourly mean wage | Annual mean wage |
| Montana | 4,850 | 10.47 | 2.58 | \$10.91 | \$22,680 |
| Wyoming | 2,400 | 8.90 | 2.19 | \$14.86 | \$30,910 |
| Vermont | 2,560 | 8.40 | 2.07 | \$20.39 | \$42,410 |
| Idaho | 5,880 | 8.33 | 2.05 | \$10.65 | \$22,150 |
| West Virginia | 5,640 | 8.10 | 2.00 | \$17.96 | \$37,360 |

25-4021 Librarians

| | |
|--|-------|
| Administer libraries and perform related library services. Work in a variety of settings, including public libraries, schools, colleges and universities, museums, corporations, government agencies, law firms, non-profit organizations, and healthcare prov | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 350 |
| Mean Hourly Wage | 26.95 |
| Mean Annual Wage | 56063 |
| Educational Employment | 160 |
| Educational Mean Hourly Wage | 30.25 |
| Educational Mean Annual Wage | 62921 |
| Public Admin. Employment | 190 |
| Public Admin. Mean Hourly Wage | 24.15 |
| Public Admin. Mean Annual Wage | 50246 |
| Northwest Employment | 60 |
| Northwest Mean Hourly Wage | 25.38 |
| Northwest Mean Annual Wage | 52793 |
| Southwest Employment | 100 |
| Southwest Mean Hourly Wage | 24.37 |
| Southwest Mean Annual Wage | 50694 |

LIBRARIANS

SOC Code 25-4021

Entry Salary

\$22.15/hr

Average Salary

\$26.95/hr

Job Description

Librarians organize information in libraries and help people locate materials. They order, catalog, classify, and maintain collections of books, periodicals, films, and recordings. They answer routine and complex requests for information. In addition, librarians often teach library skills.

Requirements

Must complete an approved program for preparation as a school librarian.

Restrictions

Conviction of a felony or committing an immoral act.
Gross negligence, incompetence,

| | |
|---|-------|
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 29.29 |
| Northeast Mean Annual Wage | 60931 |
| Central-SE Employment | 100 |
| Central-SE Mean Hourly Wage | 29.36 |
| Central-SE Mean Annual Wage | 61074 |
| New Hires Survey | |
| New Hires est N | 76.2 |
| New Hires Median \$ | 20.57 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |

**Total Employment
350
Mean Annual Wage
\$56,063**

immorality, or other reprehensive conduct.

Fraud or deceit in obtaining certification.

School Located in Wyoming

University of Wyoming - Laramie
http://www.uwyo.edu/registrar/University_Catalog/libs.html

License

School librarians must meet Professional Education and Library Media Standards.

Examination

None.

Fees

Fingerprinting \$50.00
License (In-State) \$150.00
License (Out-of-State) . . . \$200.00
Renewal (every 5 years). . \$200.00

Licensing Agency

Nish Goicolea, Executive Director
Trisha Wright, Lead Licensing

| | |
|---------------------------------|--------|
| New Hires Reading Comprehension | 100 |
| New Hires Female | 63.636 |
| New Hires Male | 36.364 |
| New Hires 25-34 | 36.364 |
| New Hires 35-44 | 9.091 |
| New hires 45-54 | 45.455 |
| New Hires 55-64 | 9.091 |

| | |
|---|------|
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 390 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 40 |
| Colorado 2018 Employment | 2300 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 250 |
| Idaho 2018 Employment | 530 |
| Idaho Percentage Growth | 3.8 |
| Idaho Annual Openings | 60 |
| Montana 2018 Employment | 430 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 1080 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 590 |
| South Dakota Percentage Growth | 3.4 |
| South Dakota Annual Openings | 60 |
| Utah 2018 Employment | 970 |
| Utah Percentage Growth | 3.1 |
| Utah Annual Openings | 110 |

Specialist

Professional Teaching Standards Board

1920 Thomes Ave., Ste. 400

Cheyenne, WY 82002

Phone : (307) 777-7291

Fax: (307) 777-8718

<http://ptsb.state.wy.us/>

Additional Sources of Information

Occupational Outlook Handbook: "Librarians"

<http://www.bls.gov/ooh/education-training-and-library/librarians.htm>

Last Updated June 2019

25-4021 Librarians

| Work Activities | | |
|-------------------------|--|---|
| 25-4021.00 - Librarians | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 87 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 81 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 71 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 71 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 70 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 70 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 70 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 69 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 68 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 66 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 65 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |
| 64 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 63 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 63 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 63 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 62 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 62 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 57 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 57 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 56 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 54 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 54 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |

29-1011 Chiropractors

| | |
|--|-------|
| Adjust spinal column and other articulations of the body to correct abnormalities of the human body believed to be caused by interference with the nervous system. Examine patient to determine nature and extent of disorder. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 100 |
| Mean Hourly Wage | 35.09 |
| Mean Annual Wage | 72987 |
| Health Care Employment | 100 |
| Health Care Mean Hourly Wage | 35.09 |
| Health Care Mean Annual Wage | 72987 |
| Northwest Employment | 10 |
| Northwest Mean Hourly Wage | 43.4 |

CHIROPRACTORS SOC Code 29-1011

Entry Salary

\$14.76/hr

Average Salary

\$35.09/hr

Job Description

Chiropractors use physical exams, radiography, laboratory analysis and other standard medical methods to diagnose disorders to the spinal, musculoskeletal, neurological and vascular systems. They utilize the inherent recuperative powers of the body and adjust the vertebral column and its immediate articulations to treat disorders.

Requirements

1. Completion of education at a CCE or CCEI accredited college or university.
2. Successful completion of NBCE examination.
3. Successful completion of the jurisprudence examination with a score of at least 80%.

Restrictions

Conviction of a felony or crime involving moral turpitude.
Performed or assisted in an unlawful abortion.
Unprofessional conduct.

| | |
|---|-------|
| Northwest Mean Annual Wage | 90279 |
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 44.51 |
| Northeast Mean Annual Wage | 92593 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 22.22 |
| Cheyenne MSA Mean Annual Wage | 46211 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 110 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 1540 |
| Colorado Percentage Growth | 3.2 |
| Colorado Annual Openings | 60 |

| |
|-------------------------|
| Total Employment |
| 100 |
| Mean Annual Wage |
| \$72,987 |

Deception or fraud in practice or advertising.

Intemperance or drug addiction.
Violation of any provision of the Chiropractic Practice Act.

School Located in Wyoming

None in Wyoming.

License

Chiropractors must be licensed by the Wyoming Board of Chiropractic Examiners.

Examination

Testing dates and places vary; tests are usually held in the spring and fall in Wyoming's larger cities.

Fees

Initial License
Application. \$500.00
(includes Exam and License)
License by Endorsement . \$500.00
Annual Renewal. \$200.00

Licensing Agency

Jason Brock
Wyoming Board of Chiropractic

| | |
|--------------------------------|-----|
| Idaho 2018 Employment | 210 |
| Idaho Percentage Growth | 4.8 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 320 |
| Montana Percentage Growth | 3.1 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 660 |
| Nebraska Percentage Growth | 3 |
| Nebraska Annual Openings | 30 |
| South Dakota 2018 Employment | 240 |
| South Dakota Percentage Growth | 4.2 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 520 |
| Utah Percentage Growth | 3.8 |
| Utah Annual Openings | 20 |

Examiners

2001 Capitol Avenue, Room 105
Cheyenne, WY 82002

Phone: (307) 777-7387

Fax: (307) 777-3508

<http://chiropractic.wyo.gov/home>

Additional Sources of Information

International Chiropractors Association

6400 Arlington Blvd., Ste. 800
Falls Church, VA 22042

Phone: (800) 423-4690

<http://www.chiropractic.org/>

American Chiropractic Association
1701 Clarendon Boulevard

Arlington, VA 22209

Phone: (703) 276-8800

<http://www.acatoday.org/>

Federation of Chiropractic Licensing Boards

5401 W. 10th St., Ste. 101
Greeley, CO 80634

Phone: (970) 356-3500

<http://www.fclb.org/>

Occupational Outlook Handbook:
"Chiropractors"

<http://www.bls.gov/ooh/healthcare/chiropractors.htm>

Last updated May 2019

29-1011 Chiropractors

| Tasks | |
|----------------------------|---|
| 29-1011.00 - Chiropractors | |
| Importance | Task |
| 98 | Evaluate the functioning of the neuromusculoskeletal system and the spine using systems of chiropractic diagnosis. |
| 98 | Diagnose health problems by reviewing patients' health and medical histories, questioning, observing, and examining patients and interpreting x-rays. |
| 98 | Perform a series of manual adjustments to the spine or other articulations of the body to correct the musculoskeletal system. |
| 98 | Obtain and record patients' medical histories. |
| 96 | Maintain accurate case histories of patients. |
| 94 | Advise patients about recommended courses of treatment. |
| 93 | Analyze x-rays to locate the sources of patients' difficulties and to rule out fractures or diseases as sources of problems. |
| 88 | Counsel patients about nutrition, exercise, sleeping habits, stress management, or other matters. |
| 84 | Consult with or refer patients to appropriate health practitioners when necessary. |
| 81 | Recommend and arrange for diagnostic procedures, such as blood chemistry tests, saliva tests, x-rays, or other imaging procedures. |
| 60 | Suggest and apply the use of supports such as straps, tapes, bandages, or braces if necessary. |

| Work Activities | | |
|----------------------------|--|--|
| 29-1011.00 - Chiropractors | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 88 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 79 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 78 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 78 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 77 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 75 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 73 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 73 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 72 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 72 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 70 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 69 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 69 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |

29-1021 Dentists, General

| | |
|--|--------|
| Diagnose and treat diseases, injuries, and malformations of teeth and gums and related oral structures. May treat diseases of nerve, pulp, and other dental tissues affecting vitality of teeth. Exclude "Prosthodontists" (29-1024), "Orthodontists" (29-102) | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 260 |
| Mean Hourly Wage | 61.2 |
| Mean Annual Wage | 127295 |
| Health Care Mean Hourly Wage | 62.04 |
| Health Care Mean Annual Wage | 129039 |
| Northwest Employment | 50 |
| Northwest Mean Hourly Wage | 60.79 |
| Northwest Mean Annual Wage | 126448 |
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 60.85 |
| Northeast Mean Annual Wage | 126578 |
| Central-SE Employment | 20 |
| Cheyenne MSA Employment | 50 |

| | |
|---|--------|
| Cheyenne MSA Mean Hourly Wage | 46.13 |
| Cheyenne MSA Mean Annual Wage | 95953 |
| Casper MSA Mean Hourly Wage | 95.32 |
| Casper MSA Mean Annual Wage | 198266 |
| New Hires Survey | |
| New Hires est N | 250.79 |
| New Hires Median \$ | 33.53 |
| New Hires Retirement Plan | 50 |
| New Hires Paid Time Off | 37.5 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 62.5 |
| New Hires Male | 37.5 |
| New Hires 25-34 | 50 |

| | |
|---|------|
| New Hires 35-44 | 12.5 |
| New hires 45-54 | 12.5 |
| New Hires 55-64 | 12.5 |
| New Hires 65+ | 12.5 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 300 |
| Wyoming Percentage Growth | -3.3 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 2770 |
| Colorado Percentage Growth | 4.7 |
| Colorado Annual Openings | 140 |
| Idaho 2018 Employment | 130 |
| Idaho Percentage Growth | 7.7 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 600 |
| Montana Percentage Growth | 3.3 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 850 |
| Nebraska Percentage Growth | 3.5 |
| Nebraska Annual Openings | 40 |
| South Dakota 2018 Employment | 460 |
| South Dakota Percentage Growth | 4.3 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 1420 |
| Utah Percentage Growth | 2.1 |
| Utah Annual Openings | 50 |

DENTISTS, GENERAL

SOC Code 29-1021

Entry Salary

\$39.90/hr

Average Salary

\$61.20/hr

Job Description

Dentists examine and treat patients oral tissues and teeth to prevent and correct dental problems.

Requirements

1. Proof of dental degree (Doctor of Dental Surgery - DDS - or Doctor of Dental Medicine - DMD) from a Commission on Dental Accreditation (CODA) accredited U.S. or Canadian dental school within the past 12 months of application submission.
2. Pass the American Dental Association National Board Examination.
3. Passing score from any regional or state clinical licensure examination.
4. Pass the State Board Jurisprudence Examination.
5. Must have Basic Life Support (CPR) certification.

**Total Employment
260
Mean Annual Wage
\$127,295**

Restrictions

- Qualifications fraudulently obtained.
Conviction of a felony.
Dishonest or illegal practice of dentistry, as deemed by the State Board.
Habitual addiction to drugs, including alcohol.
Malpractice or gross incompetence, as deemed by the State Board.
- School Located in Wyoming**
University of Wyoming - Laramie - Pre-Dentistry Program
<http://www.uwyo.edu/preprof/index.html>
Casper College - Casper - Pre-

Dentistry Program (Associates)

<https://www.caspercollege.edu/pre-dentistry>

Eastern Wyoming College

- Torrington - Pre-Dentistry Program (Associates)
<https://ewc.wy.edu/academic-services/majors/preprofessional-programs/preprofessional-dentistry-a-s/>

Northwest College - Powell - Pre-Professional Sciences Program (Associates)

<https://nwc.edu/academics/programs/pre-professional-sciences>

Central Wyoming College - Riverton - Pre-Health Professional Program (Associates)

<https://www.cwc.edu/prehealth/WY-DENT-Dental-Education>

29-1021 Dentists, General

Program

WY-DENT is a newly approved program between the University of Wyoming and the University of Nebraska College of Dentistry and Creighton University School of Dentistry. The program annually reserves up to eight seats for the program with a limit of four at each school. For more information contact:

University of Wyoming
College of Health Sciences,
Wyoming Certifying Officer
Dept. 3432, 1000 E. University
Ave.

Laramie, WY 82071

Phone: (307) 766-6556

certoff@uwyo.edu

<http://www.uwyo.edu/preprof/>

funding-your-professional-
education/wyoming-residents.

html

License

Dentists must be licensed by
the Wyoming Board of Dental

Examiners before practicing.

Examination

Contact the Board for
examination information.

Fees

Dental Examination. \$300.00

Endorsement. \$750.00

Non-Clinical. \$250.00

Annual Renewal \$185.00

Licensing Agency

Jason Brock

Wyoming Board of Dental

Examiners

2001 Capitol Ave, Rm 105

Cheyenne, WY 82002

Phone: (307) 777-7387

Fax: (307) 777-3508

<http://dental.wyo.gov/home>

Additional Sources of

Information

American Dental Education
Association

655 K Street, Ste. 800

Washington, DC 20001

Phone: (202) 289-7201

<http://www.adea.org/>

American Dental Association

211 E. Chicago Ave.

Chicago, IL 60611-2678

Phone: (312) 440-2500

<http://ada.org/>

National Dental Association

6411 Ivy Lane, Ste 703

Greenbelt, MD 20770

Phone: (240) 241-4448

<http://ndaonline.org/>

American Association of Women

Dentists

7794 Grow Drive

Pensacola, FL 32514

Phone: (800) 920-2293

<http://www.aawd.org>

Wyoming Dental Association

123 West First St., Ste 208B

Casper, WY 82601

Phone: (307) 237-1186

<http://wyda.org/>

Occupational Outlook Handbook:

“Dentists”

[http://www.bls.gov/ooh/](http://www.bls.gov/ooh/healthcare/dentists.htm)

[healthcare/dentists.htm](http://www.bls.gov/ooh/healthcare/dentists.htm)

Last updated May 2019

| Work Activities | | |
|--------------------------------|---|--|
| 29-1021.00 - Dentists, General | | |
| Importance | Work Activity | Work Activity Description |
| 92 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 92 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 91 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 91 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 91 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 86 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 85 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 84 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 83 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 82 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |

29-1031 Dietitians and Nutritionists

| | |
|---|-------|
| Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 80 |
| Mean Hourly Wage | 30.88 |
| Mean Annual Wage | 64217 |
| Health Care Employment | 60 |
| Health Care Mean Hourly Wage | 31.15 |
| Health Care Mean Annual Wage | 64800 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 35.16 |
| Southwest Mean Annual Wage | 73132 |
| Central-SE Employment | 20 |
| Central-SE Mean Hourly Wage | 24.94 |
| Central-SE Mean Annual Wage | 51870 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 28.62 |
| Cheyenne MSA Mean Annual Wage | 59519 |

| New Hires Survey | |
|---|-------|
| New Hires est N | 31.35 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 35-44 | 100 |

| |
|--|
| <p>Total Employment 80 Mean Annual Wage \$64,217</p> |
|--|

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 100 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 1050 |
| Colorado Percentage Growth | 3.8 |
| Colorado Annual Openings | 90 |
| Idaho 2018 Employment | 350 |
| Idaho Percentage Growth | 2.9 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 200 |
| Montana Percentage Growth | 5 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 700 |
| Nebraska Percentage Growth | 4.3 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 190 |
| South Dakota Percentage Growth | 5.3 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 730 |
| Utah Percentage Growth | 4.1 |
| Utah Annual Openings | 60 |

DIETITIANS

SOC CODE 29-1031

Entry Salary

\$25.03/hr

Average Salary

\$30.88/hr

Job Description

Dietitians plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services or counsel individuals.

Requirements

1. A completed application and payment of fees;
2. Evidence of clinical competency by: verifying current registration with CDR; or completing the requirements outlined in W.S. § 33-47-106(a). Applicants who have obtained a degree outside of the United States and its territories shall request that

the CADE evaluate that degree program to determine its equivalency as defined W.S. § 33-47-106 (a)(i)

3. A license verification directly from every jurisdiction, if applicable.

Restrictions

No felony or misdemeanor convictions related to the practice of dietetics.

School Located in Wyoming

University of Wyoming - Laramie - College of Agriculture and Natural Resources - Family and Consumer Sciences - Didactic Program in Nutrition and Dietetics - Bachelor of Science
<http://www.uwyo.edu/fcs>
 Casper College - School of Science - Nutrition - Associate of Science degree
<http://www.caspercollege.edu/nutrition/index.html>

License

Dietitians engaged in practice are licensed by the Dietetics Licensing Board.

Fees

Application Fee (2 years)..\$200.00

Renewal Fee (2 years). . . \$200.00

Licensing Agency

Jason Brock, Licensing Specialist
 Dietetics Licensing Board
 Department of Administration & Information

2001 Capitol Avenue

Room 105

Cheyenne, WY 82002

Phone: (307) 777-7387

Fax: (307) 777-3508

<http://dietetics.wyo.gov/>

Additional Sources of Information

Accreditation Council for Education in Nutrition and Dietetics (ACEND)

120 South Riverside Plaza, Suite 2190

Chicago, IL 60606-6995

Phone: (800) 877-1600

<http://www.eatright.org/ACEND>

Commission on Dietetic

29-1031 Dietitians and Nutritionists

Registration (CDR)
 120 South Riverside Plaza, Suite
 2190
 Chicago, IL 60606
 Phone: (800) 877-1600 xt 5500
<http://cdrnet.org>
 Occupational Outlook Handbook:
 "Dietitians and Nutritionists"
<http://www.bls.gov/ooh/healthcare/dietitians-and-nutritionists.htm>
 Last updated May 2019

| Tasks | |
|--|--|
| 29-1031.00 - Dietitians and Nutritionists | |
| | |
| Importance | Task |
| 94 | Monitor food service operations to ensure conformance to nutritional, safety, sanitation and quality standards. |
| 94 | Assess nutritional needs, diet restrictions and current health plans to develop and implement dietary-care plans and provide nutritional counseling. |
| 90 | Advise patients and their families on nutritional principles, dietary plans, diet modifications, and food selection and preparation. |
| 87 | Counsel individuals and groups on basic rules of good nutrition, healthy eating habits, and nutrition monitoring to improve their quality of life. |
| 84 | Consult with physicians and health care personnel to determine nutritional needs and diet restrictions of patient or client. |
| 84 | Plan, conduct, and evaluate dietary, nutritional, and epidemiological research. |
| 77 | Write research reports and other publications to document and communicate research findings. |
| 77 | Purchase food in accordance with health and safety codes. |

| Work Activities | | |
|--|--|--|
| 29-1031.00 - Dietitians and Nutritionists | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 87 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 87 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 84 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 84 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 84 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 83 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 83 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 83 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 82 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 82 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 78 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 78 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 78 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 75 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |

29-1041 Optometrists

| | |
|---|--------|
| Diagnose, manage, and treat conditions and diseases of the human eye and visual system. Examine eyes and visual system, diagnose problems or impairments, prescribe corrective lenses, and provide treatment. May prescribe therapeutic drugs to treat specific | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 80 |
| Mean Hourly Wage | 66.14 |
| Mean Annual Wage | 137577 |
| Health Care Employment | 80 |
| Health Care Mean Hourly Wage | 66.92 |
| Health Care Mean Annual Wage | 139187 |
| Northwest Employment | 10 |
| Northwest Mean Hourly Wage | 47.95 |

| | |
|---|-------|
| Northwest Mean Annual Wage | 99735 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 39.36 |
| Southwest Mean Annual Wage | 81875 |
| Central-SE Mean Hourly Wage | 42.92 |
| Central-SE Mean Annual Wage | 89290 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 90 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 1100 |
| Colorado Percentage Growth | 4.5 |
| Colorado Annual Openings | 60 |
| Idaho 2018 Employment | 130 |

| | |
|--------------------------------|-----|
| Idaho Percentage Growth | 7.7 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 150 |
| Montana Percentage Growth | 6.7 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 400 |
| Nebraska Percentage Growth | 2.5 |
| Nebraska Annual Openings | 20 |
| South Dakota 2018 Employment | 140 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 490 |
| Utah Percentage Growth | 4.1 |
| Utah Annual Openings | 20 |

OPTOMETRISTS

SOC Code 29-1041

Entry Salary

\$41.75/hr

Average Salary

\$66.14/hr

Job Description

Optometrists examine eyes and prescribe the necessary treatment or corrective lenses to protect

and improve vision. They specialize in the examination, diagnosis and treatment of conditions or impairments of the vision system. In Wyoming, this includes administering and prescribing pharmaceutical agents which are applied for examination and treatment of ocular diseases.

Requirements

1. Must be a graduate of a school or college accredited by the Accreditation Council on Optometric Education
2. Successfully pass parts one (1), two (2) including passage of Treatment and Management of Ocular Disease, and three (3) of the examination administered by NBEO taken within five (5) years of graduation.
3. Successfully pass the

| |
|--|
| <p>Total Employment</p> <p>80</p> <p>Mean Annual Wage</p> <p>\$137,577</p> |
|--|

jurisprudence examination with a score of at least 75%.

Restrictions

Conviction of a felony or misdemeanor involving moral turpitude.
Addiction to alcohol or drugs.
Deceit, fraud or misrepresentation in practice or application.

Incompetent or negligent professional conduct.

School Located in Wyoming

Casper College - Casper - Pre-Optometry Program (Associates)
<https://www.caspercollege.edu/pre-optometry>
There are no Optometry schools located in Wyoming; however, Wyoming residents are eligible to study optometry through the Western Interstate Commission

for Higher Education (WICHE) program. For more information about WICHE contact:
University of Wyoming
College of Health Sciences
Wyoming Certifying Office
Dept. 3432, 1000 E. University Ave.
Laramie, WY 82071
Phone: (307) 766-3499
certoff@uwyo.edu

<http://www.uwyo.edu/preprof/funding-your-professional-education/wyoming-residents.html>

License

Optometrists must be licensed by the Board of Examiners in Optometry to practice. Examination
Contact the Board for examination information.

Fees

License by Examination . . \$250.00
License by endorsement . \$800.00
Annual Renewal. \$175.00

Licensing Agency

Jason Brock
Board of Examiners in Optometry
2001 Capitol Avenue, Room 105
Cheyenne, WY 82002
Phone: (307) 777-7387
Fax: (307) 777-3508
<http://optometry.wyo.gov/>

29-1041 Optometrists

Additional Sources of Information

Association of Schools and Colleges of Optometry
6110 Executive Blvd., Ste. 420
Rockville, MD 20852
Phone: (301) 231-5944
<http://www.opted.org/>
American Academy of Optometry
2909 Fairgreen Street

Orlando, FL 32803
Phone: (800) 969-4226
<http://www.aaopt.org/>
American Optometric Association
243 North Lindbergh Blvd., Floor 1
St. Louis, MO 63141-7881
Phone: (800) 365-2219
<http://www.aoa.org/>
Wyoming Optometric Association
P.O. Box 1967

Cheyenne, WY 82003
Phone: (307) 640-6157
<http://wyomingoptometricassociation.com/>
Occupational Outlook Handbook: "Optometrists"
<http://www.bls.gov/ooh/healthcare/optometrists.htm>
Last updated May 2019

| Tasks | |
|---------------------------|--|
| 29-1041.00 - Optometrists | |
| Importance | Task |
| 99 | Examine eyes, using observation, instruments, and pharmaceutical agents, to determine visual acuity and perception, focus, and coordination and to diagnose diseases and other abnormalities, such as glaucoma or color blindness. |
| 98 | Prescribe, supply, fit and adjust eyeglasses, contact lenses, and other vision aids. |
| 98 | Analyze test results and develop a treatment plan. |
| 93 | Prescribe medications to treat eye diseases if state laws permit. |
| 91 | Remove foreign bodies from the eye. |
| 88 | Prescribe therapeutic procedures to correct or conserve vision. |
| 88 | Educate and counsel patients on contact lens care, visual hygiene, lighting arrangements, and safety factors. |
| 88 | Consult with and refer patients to ophthalmologist or other health care practitioner if additional medical treatment is determined necessary. |
| 84 | Provide patients undergoing eye surgeries, such as cataract and laser vision correction, with pre- and post-operative care. |

| Work Activities | | |
|---------------------------|--|--|
| 29-1041.00 - Optometrists | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 90 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 89 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 88 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 83 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 82 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 81 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 75 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 73 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 72 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |

29-1051 Pharmacists

| | |
|--|--------|
| Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of m | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 590 |
| Mean Hourly Wage | 57.58 |
| Mean Annual Wage | 119753 |
| Retail Trade Employment | 290 |
| Retail Trade Mean Hourly Wage | 56.74 |
| Retail Trade Mean Annual Wage | 118012 |
| Health Care Employment | 150 |
| Health Care Mean Hourly Wage | 59.37 |
| Health Care Mean Annual Wage | 123476 |
| Public Admin. Employment | 50 |
| Public Admin. Mean Hourly Wage | 54.12 |
| Public Admin. Mean Annual Wage | 112566 |
| Northwest Employment | 70 |
| Northwest Mean Hourly Wage | 61.85 |
| Northwest Mean Annual Wage | 128653 |

| | |
|---|--------|
| Southwest Employment | 60 |
| Southwest Mean Hourly Wage | 58.63 |
| Southwest Mean Annual Wage | 121964 |
| Northeast Employment | 60 |
| Northeast Mean Hourly Wage | 56.93 |
| Northeast Mean Annual Wage | 118417 |
| Central-SE Employment | 130 |
| Central-SE Mean Hourly Wage | 54.07 |
| Central-SE Mean Annual Wage | 112455 |
| Cheyenne MSA Employment | 160 |
| Cheyenne MSA Mean Hourly Wage | 56.26 |
| Cheyenne MSA Mean Annual Wage | 117020 |
| Casper MSA Employment | 120 |
| Casper MSA Mean Hourly Wage | 60.71 |
| Casper MSA Mean Annual Wage | 126280 |
| New Hires Survey | |
| New Hires est N | 74.33 |
| New Hires Median \$ | 55 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 65.305 |

| | |
|---|--------|
| New Hires Reading Comprehension | 65.305 |
| New Hires Female | 34.695 |
| New Hires Male | 65.305 |
| New hires 45-54 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 520 |
| Wyoming Percentage Growth | -1.9 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 5740 |
| Colorado Percentage Growth | 2.8 |
| Colorado Annual Openings | 330 |
| Idaho 2018 Employment | 1890 |
| Idaho Percentage Growth | 3.7 |
| Idaho Annual Openings | 120 |
| Montana 2018 Employment | 1240 |
| Montana Percentage Growth | 1.6 |
| Montana Annual Openings | 60 |
| Nebraska 2018 Employment | 2520 |
| Nebraska Percentage Growth | 0.8 |
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 1250 |
| South Dakota Percentage Growth | 0.8 |
| South Dakota Annual Openings | 60 |
| Utah 2018 Employment | 2570 |
| Utah Percentage Growth | 3.1 |
| Utah Annual Openings | 150 |

PHARMACISTS

SOC Code 29-1051

Entry Salary

\$53.38/hr

Average Salary

\$57.58/hr

Job Description

Pharmacists prepare and dispense drugs and medicines prescribed by doctors. Most Pharmacists prepare, compound, package and sell medicines.

Requirements

1. Complete a degree in Pharmacy from an accredited school.
2. Pass the NAPLEX with a minimum score of 75
3. Pass the MPJE for Wyoming with a minimum score of 75
4. Have 1200 hours of practical experience as a licensed pharmacy intern
5. Complete all requirements within 2 years of the date of

**Total Employment
590
Mean Annual Wage
\$119,753**

application

6. Meet requirements of W.S. 33-24-116

Restrictions

Conviction of a felony or misdemeanor involving moral turpitude.
Alcohol or drug addiction.
Fraudulent statements on license application.

School Located in Wyoming

University of Wyoming - Laramie - School of Pharmacy
<http://www.uwyo.edu/pharmacy/>

License

Pharmacists must be licensed by the Wyoming State Board of Pharmacy.

Examination

Examinations are administered by Pearson Vue. For testing locations and additional information go to <http://www.pearsonvue.com/nabp/> or call (888) 709-2679.

Fees

NAPLEX Exam +
Application Fee \$575.00
MPJE Exam. \$250.00
Criminal Background Check. \$50.00
Pharmacist License,
New Graduate \$75.00
Pharmacist License,
Reciprocity \$200.00

29-1051 Pharmacists

Annual Renewal. \$100.00

Licensing Agency

Matt Martineau, Interim

Executive Director

Wyoming State Board of
Pharmacy

1712 Carey Ave., Ste. 200

Cheyenne, WY 82002

Phone: (307) 634-9636

Fax: (307) 634-6335

<http://pharmacyboard.state.wy.us/>

Additional Sources of

Information

American Pharmacists

Association

2215 Constitution Ave., NW

Washington, DC 20037

Phone: (202) 628-4410

<http://www.pharmacist.com/>

American Association of Colleges
of Pharmacy

1400 Crystal Drive, Ste 300

Arlington, VA 22202

Phone: (703) 739-2330

[http://www.aacp.org/Pages/](http://www.aacp.org/Pages/Default.aspx)

[Default.aspx](https://www.aacp.org/)<https://www.aacp.org/>

Accreditation Council for

Pharmaceutical Education

190 S. LaSalle Street, Ste 2850

Chicago, IL 60603

Phone: (312) 664-3575

<http://www.acpe-accredit.org/>

The National Community

Pharmacists Association

100 Daingerfield Road

Alexandria, VA 22314

Phone: (703) 683-8200

<http://www.ncpanet.org/>

Occupational Outlook Handbook:

“Pharmacists “

[http://www.bls.gov/ooh/](http://www.bls.gov/ooh/healthcare/pharmacists.htm)

[healthcare/pharmacists.htm](http://www.bls.gov/ooh/healthcare/pharmacists.htm)

Last updated May 2019

| Tasks | |
|---------------------------------|---|
| 29-1051.00 - Pharmacists | |
| Importance | Task |
| 99 | Review prescriptions to assure accuracy, to ascertain the needed ingredients, and to evaluate their suitability. |
| 92 | Provide information and advice regarding drug interactions, side effects, dosage, and proper medication storage. |
| 90 | Maintain records, such as pharmacy files, patient profiles, charge system files, inventories, control records for radioactive nuclei, or registries of poisons, narcotics, or controlled drugs. |
| 86 | Plan, implement, or maintain procedures for mixing, packaging, or labeling pharmaceuticals, according to policy and legal requirements, to ensure quality, security, and proper disposal. |
| 84 | Assess the identity, strength, or purity of medications. |

| Work Activities | | |
|---------------------------------|---|--|
| 29-1051.00 - Pharmacists | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 90 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 90 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 89 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 85 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 80 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 80 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 80 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 79 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |

29-1061 Anesthesiologists

| | |
|--|--------|
| Administer anesthetics during surgery or other medical procedures. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 105.61 |
| Mean Annual Wage | 219671 |
| Health Care Employment | 60 |
| Health Care Mean Hourly Wage | 105.61 |
| Health Care Mean Annual Wage | 219671 |

| | |
|---|--------|
| Southwest Mean Hourly Wage | 96.08 |
| Southwest Mean Annual Wage | 199864 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 60 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 330 |
| Colorado Percentage Growth | 6.1 |
| Colorado Annual Openings | 20 |

| | |
|----------------------------|-----|
| Idaho 2018 Employment | 200 |
| Idaho Percentage Growth | 5 |
| Idaho Annual Openings | 10 |
| Nebraska 2018 Employment | 110 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| Utah 2018 Employment | 430 |
| Utah Percentage Growth | 0 |
| Utah Annual Openings | 10 |

| |
|---|
| <p>Total Employment 60 Mean Annual Wage \$219,671</p> |
|---|

| Job Zone | |
|---------------------------------------|---|
| 29-1061.00 - Anesthesiologists | |
| Component | Description |
| Title | Job Zone Five: Extensive Preparation Needed |
| Education | Most of these occupations require graduate school. For example, they may require a master's degree, and some require a Ph.D., M.D., or J.D. (law degree). |
| Related Experience | Extensive skill, knowledge, and experience are needed for these occupations. Many require more than five years of experience. For example, surgeons must complete four years of college and an additional five to seven years of specialized medical training to be able to do their job. |
| Job Training | Employees may need some on-the-job training, but most of these occupations assume that the person will already have the required skills, knowledge, work-related experience, and/or training. |

| Tasks | |
|---------------------------------------|---|
| 29-1061.00 - Anesthesiologists | |
| Importance | Task |
| 97 | Monitor patient before, during, and after anesthesia and counteract adverse reactions or complications. |
| 96 | Record type and amount of anesthesia and patient condition throughout procedure. |
| 96 | Provide and maintain life support and airway management and help prepare patients for emergency surgery. |
| 95 | Administer anesthetic or sedation during medical procedures, using local, intravenous, spinal, or caudal methods. |
| 95 | Examine patient, obtain medical history, and use diagnostic tests to determine risk during surgical, obstetrical, and other medical procedures. |
| 93 | Position patient on operating table to maximize patient comfort and surgical accessibility. |
| 91 | Coordinate administration of anesthetics with surgeons during operation. |
| 91 | Decide when patients have recovered or stabilized enough to be sent to another room or ward or to be sent home following outpatient surgery. |
| 88 | Confer with other medical professionals to determine type and method of anesthetic or sedation to render patient insensible to pain. |
| 80 | Order laboratory tests, x-rays, and other diagnostic procedures. |
| 80 | Inform students and staff of types and methods of anesthesia administration, signs of complications, and emergency methods to counteract reactions. |
| 78 | Provide medical care and consultation in many settings, prescribing medication and treatment and referring patients for surgery. |
| 78 | Manage anesthesiological services, coordinating them with other medical activities and formulating plans and procedures. |
| 77 | Diagnose illnesses, using examinations, tests, and reports. |
| 75 | Coordinate and direct work of nurses, medical technicians, and other health care providers. |
| 62 | Instruct individuals and groups on ways to preserve health and prevent disease. |

29-1061 Anesthesiologists

| Tools Used |
|---|
| |
| Category |
| Anesthesia inhalers or inhaler units or accessories |
| Arterial line catheters |
| Arterial line catheters |
| Automated external defibrillators AED or hard paddles |
| Blood collection syringes |
| Body plethysmographs |
| Bronchoscopes or accessories |
| Cardiac output CO monitoring units or accessories |
| Cardiac output CO monitoring units or accessories |
| Desktop computers |
| Electrocardiography EKG units |
| Electronic blood pressure units |
| Electronic stethoscopes or accessories |
| Electronic stethoscopes or accessories |
| Emergency medical services tracheal tube or cricothyrotomy kits |
| End tidal carbon dioxide monitors or supplies |
| Endotracheal or tracheotomy sets |
| Endotracheal tubes |
| Epidural anesthesia kit or tray |
| Esophageal tubes |
| Gas anesthesia apparatus |
| Gas anesthesia apparatus |
| Gas anesthesia apparatus |
| Gas anesthesia apparatus |
| Intravenous tubing with catheter administration kits |
| Intubator components or accessories |
| Medical oxygen masks or parts |
| Medical staff isolation or surgical masks |
| Medical suction or vacuum appliances |
| Medical syringe without needle |
| Nasogastric tubes |
| Notebook computers |
| Patient carbon dioxide detectors |
| Patient controlled analgesia infusion pumps |
| Personal computers |
| Personal digital assistant PDAs or organizers |
| Pharyngeal airways or airways kits |
| Pulse oximeter units |
| Resuscitation masks or accessories |
| Spirometers or its accessories or its supplies |
| Surgical gloves |
| Surgical nerve stimulators or accessories |
| Tablet computers |
| Tourniquets |
| Vacuum blood collection tubes or containers |

| Work Activities | | |
|-----------------|---|--|
| Importance | Work Activity | Work Activity Description |
| 95 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 92 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 85 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 85 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 84 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |

| Detailed Work Activity |
|--|
| |
| Monitor patient conditions during treatments, procedures, or activities. |
| Implement advanced life support techniques. |
| Prepare patients physically for medical procedures. |
| Record patient medical histories. |
| Administer anesthetics or sedatives to control pain. |
| Examine patients to assess general physical condition. |
| Position patients for treatment or examination. |
| Collaborate with healthcare professionals to plan or provide treatment. |
| Monitor patient progress or responses to treatments. |
| Order medical diagnostic or clinical tests. |
| Train medical providers. |
| Direct healthcare delivery programs. |
| Prescribe medications. |
| Prescribe treatments or therapies. |
| Refer patients to other healthcare practitioners or health resources. |
| Diagnose medical conditions. |
| Supervise patient care personnel. |
| Schedule medical facility use. |
| Provide health and wellness advice to patients, program participants, or caregivers. |
| Conduct research to increase knowledge about medical issues. |

29-1062 Family and General Practitioners

| | |
|--|--------|
| Diagnose, treat, and help prevent diseases and injuries that commonly occur in the general population. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 270 |
| Mean Hourly Wage | 108.95 |
| Mean Annual Wage | 226630 |
| Health Care Employment | 260 |
| Health Care Mean Hourly Wage | 109.54 |
| Health Care Mean Annual Wage | 227855 |
| Northwest Employment | 40 |
| Northwest Mean Hourly Wage | 101.25 |
| Northwest Mean Annual Wage | 210605 |
| Southwest Mean Hourly Wage | 114.7 |
| Southwest Mean Annual Wage | 238577 |
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 93.47 |
| Northeast Mean Annual Wage | 194421 |
| Central-SE Employment | 30 |

| | |
|---|--------|
| Central-SE Mean Hourly Wage | 128.65 |
| Central-SE Mean Annual Wage | 267590 |
| Cheyenne MSA Employment | 50 |
| Cheyenne MSA Mean Hourly Wage | 106.33 |
| Cheyenne MSA Mean Annual Wage | 221172 |
| New Hires Survey | |
| New Hires est N | 62.7 |
| New Hires Median \$ | 72.31 |
| New Hires Health Insurance | 50 |
| New Hires Retirement Plan | 50 |
| New Hires Paid Time Off | 50 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 35-44 | 50 |
| New Hires 65+ | 50 |

| Short Term Projections 2018-2020 | |
|----------------------------------|------|
| Wyoming 2018 Employment | 280 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 4470 |
| Colorado Percentage Growth | 4.3 |
| Colorado Annual Openings | 210 |
| Idaho 2018 Employment | 780 |
| Idaho Percentage Growth | 5.1 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 400 |
| Montana Percentage Growth | 2.5 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 1670 |
| Nebraska Percentage Growth | 2.4 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 470 |
| South Dakota Percentage Growth | 2.1 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 1680 |
| Utah Percentage Growth | 1.2 |
| Utah Annual Openings | 50 |

FAMILY AND GENERAL PRACTITIONERS

SOC Code 29-1062

Entry Salary

\$84.35/hr

Average Salary

\$108.95/hr

Visit <http://doe.state.wy.us/lmi/oes.htm> to view wages for:

Anesthesiologists, SOC Code 29-1061

Internists, General, SOC Code 29-1063

Obstetricians and Gynecologists, SOC Code 29-1064

Pediatricians, General, SOC Code 29-1065

Psychiatrists, SOC Code 29-1066

Surgeons, SOC Code 29-1067

Physicians and Surgeons, All Other, 29-1069

Job Description

Physicians attempt to maintain and improve the health of their patients by diagnosing medical problems and prescribing treatments.

Requirements

**Total Employment
270
Mean Annual Wage
\$226,630**

1. Graduate from an approved school.
2. Three (3) original references from physicians are required including at least two (2) from physicians with whom the applicant has practiced medicine within the past three (3) years.
3. Pass an exam approved by the Board.
4. Complete a written application formulated by the Board.
5. Satisfactorily pass an interview with the Board.

Restrictions

Conviction of a felony.
Drug and/or alcohol abuse.

Dishonesty, fraud or gross negligence.

Fraud or deceit in obtaining certificate.

Manifest incapacity to practice.

School Located in Wyoming

There are no medical schools located in Wyoming; however, Wyoming residents are eligible to study out-of-state through the Western Interstate Commission for Higher Education (WICHE) or WWAMI programs. For more information about WICHE and/or WWAMI contact:

University of Wyoming
College of Health Sciences
Wyoming Certifying Office
Dept. 3432, 1000 E. University Ave.

Laramie, WY 82071
Phone: (307) 766-3499 or (307) 766-6704

certoff@uwyo.edu
<http://www.uwyo.edu/preprof/>

29-1062 Family and General Practitioners

funding-your-professional-education/wyoming-residents.html

There are two Family Practice Residency programs, affiliated with the University of Wyoming, that serve Casper, Laramie, and Cheyenne. For more information go to www.uwfmrpcasper.com (Casper), <http://www.uwyo.edu/hs/albany-clinic/> (Laramie), or www.uwyo.edu/chyfammed/ (Cheyenne).

License

Physicians must be licensed by the Board of Medicine to work in Wyoming.

Examination

Interviews before the Board occur at the January, April, July, and October Board meetings.

Fees

License \$600.00
 Annual Renewal \$250.00
 First-year residency training

license ("T-1" license). . . . \$25.00
 Second-year residency training license ("T-2" license) . . . \$100.00
 Residency training license ("T-2" license) renewal \$100.00

Licensing Agency

Board of Medicine
 130 Hobbs Avenue, Ste. A
 Cheyenne, WY 82002
 Phone: (307) 778-7053
 Fax: (307) 778-2069
<http://wyomedboard.wyo.gov/>

Additional Sources of Information

American Medical Association
 AMA Plaza
 330 N. Wabash Avenue, Ste 39300
 Chicago, IL 60611-5885
 Phone: (800) 622-3211
<http://www.ama-assn.org/ama>
 Association of American Medical Colleges
 655 K St N.W., Ste 100
 Washington, DC 20001

Phone: (202) 828-0400
<http://www.aamc.org/>
 American Medical Womens Association
 1100 E. Woodfield Rd.
 Suite 350
 Schaumburg, IL 60173
 Phone: (847) 517-2801
<http://www.amwa-doc.org/>
 Wyoming Health Resources Network
 122 E. 17th Street
 Cheyenne, WY 82001
 Phone: (307) 635-2930
<http://www.whrn.org/>
 Wyoming Medical Society
 P.O. Box 4009
 Cheyenne, WY 82003
 Phone: (307) 635-2424
<http://www.wyomed.org/>
 Occupational Outlook Handbook: "Physicians and Surgeons"
<http://www.bls.gov/ooh/healthcare/physicians-and-surgeons.htm>
 Last updated May 2019

| Tasks | |
|--|--|
| 29-1062.00 - Family and General Practitioners | |
| Importance | Task |
| 95 | Prescribe or administer treatment, therapy, medication, vaccination, and other specialized medical care to treat or prevent illness, disease, or injury. |
| 93 | Order, perform, and interpret tests and analyze records, reports, and examination information to diagnose patients' condition. |
| 93 | Collect, record, and maintain patient information, such as medical history, reports, or examination results. |
| 92 | Monitor patients' conditions and progress and reevaluate treatments as necessary. |
| 91 | Explain procedures and discuss test results or prescribed treatments with patients. |
| 88 | Advise patients and community members concerning diet, activity, hygiene, and disease prevention. |
| 85 | Refer patients to medical specialists or other practitioners when necessary. |
| 77 | Coordinate work with nurses, social workers, rehabilitation therapists, pharmacists, psychologists, and other health care providers. |
| 75 | Direct and coordinate activities of nurses, students, assistants, specialists, therapists, and other medical staff. |

| Detailed Work Activities |
|--|
| 29-1062.00 - Family and General Practitioners |
| Detailed Work Activity |
| Immunize patients. |
| Prescribe medications. |
| Prescribe treatments or therapies. |
| Analyze test data or images to inform diagnosis or treatment. |
| Collect medical information from patients, family members, or other medical professionals. |
| Order medical diagnostic or clinical tests. |
| Record patient medical histories. |
| Monitor patient progress or responses to treatments. |
| Explain medical procedures or test results to patients or family members. |
| Advise communities or institutions regarding health or safety issues. |
| Provide health and wellness advice to patients, program participants, or caregivers. |
| Refer patients to other healthcare practitioners or health resources. |
| Care for women during pregnancy and childbirth. |
| Collaborate with healthcare professionals to plan or provide treatment. |
| Supervise patient care personnel. |

29-1063 Internists, General

| | |
|--|--------|
| Diagnose and provide non-surgical treatment of diseases and injuries of internal organ systems. Provide care mainly for adults who have a wide range of problems associated with the internal organs. Include subspecialists, such as cardiologists and gastroenterologists. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 134.68 |
| Mean Annual Wage | 280140 |
| Health Care Employment | 60 |

| Tasks | |
|----------------------------------|---|
| 29-1063.00 - Internists, General | |
| Importance | Task |
| 99 | Treat internal disorders, such as hypertension, heart disease, diabetes, or problems of the lung, brain, kidney, or gastrointestinal tract. |
| 98 | Prescribe or administer medication, therapy, and other specialized medical care to treat or prevent illness, disease, or injury. |
| 97 | Explain procedures and discuss test results or prescribed treatments with patients. |
| 97 | Manage and treat common health problems, such as infections, influenza or pneumonia, as well as serious, chronic, and complex illnesses, in adolescents, adults, and the elderly. |
| 96 | Analyze records, reports, test results, or examination information to diagnose medical condition of patient. |
| 96 | Provide and manage long-term, comprehensive medical care, including diagnosis and nonsurgical treatment of diseases, for adult patients in an office or hospital. |
| 96 | Collect, record, and maintain patient information, such as medical history, reports, or examination results. |
| 93 | Make diagnoses when different illnesses occur together or in situations where the diagnosis may be obscure. |

| | |
|---|--------|
| Health Care Mean Hourly Wage | 134.68 |
| Health Care Mean Annual Wage | 280140 |
| Northwest Mean Hourly Wage | 134.65 |
| Northwest Mean Annual Wage | 280090 |
| Cheyenne MSA Employment | 10 |
| Cheyenne MSA Mean Hourly Wage | 125.54 |
| Cheyenne MSA Mean Annual Wage | 261120 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 60 |
| Wyoming Percentage Growth | 0 |

Total Employment
60
Mean Annual Wage
\$280,140

| Tools |
|---|
| Category |
| Auditory function screening units |
| Automated external defibrillators AED or hard paddles |
| Binocular vision test sets or accessories |
| Blood collection syringes |
| Colposcopes or vaginoscopes or accessories |
| Cryosurgery equipment or accessories |
| Desktop computers |
| Diagnostic or interventional vascular catheters or sets |
| Dictation machines |
| Electrocardiography EKG units |
| Electronic blood pressure units |
| Electrosurgical or electrocautery equipment |
| Eye charts or vision cards |
| Flexible endoscopes or accessories or related products |
| Floor grade forceps or hemostats |
| Glucose monitors or meters |
| Intubation forceps |
| Long term continuous electrocardiography EKG or holter monitoring systems |

| | |
|--------------------------------|-----|
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 610 |
| Colorado Percentage Growth | 3.3 |
| Colorado Annual Openings | 30 |
| Idaho 2018 Employment | 80 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 50 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 0 |
| Nebraska 2018 Employment | 150 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 210 |
| South Dakota Percentage Growth | 4.8 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 430 |
| Utah Percentage Growth | 0 |
| Utah Annual Openings | 10 |

| Tools |
|--|
| Category |
| Medical acoustic stethoscope or accessory |
| Medical exam or non surgical procedure gloves |
| Medical suction cannulas or tubes or accessories |
| Medical suction or vacuum appliances |
| Medical tuning forks |
| Medical ultrasound bone densitometers |
| Medical ultrasound or doppler or pulse echo or echography units for general diagnostic use |
| Mercury blood pressure units |
| Microscope slides |
| Nasogastric tubes |
| Notebook computers |
| Ophthalmoscopes or otoscopes or scope sets |
| Orthopedic splint systems |
| Otological instruments or accessories |
| Personal computers |
| Personal digital assistant PDAs or organizers |
| Pulse oximeter units |
| Reflex hammers or mallets |
| Resuscitation masks or accessories |
| Specimen collection container |
| Spirometers or its accessories or its supplies |

29-1063 Internists, General

| Work Activities | | |
|----------------------------------|---|---|
| 29-1063.00 - Internists, General | | |
| Importance | Work Activity | Work Activity Description |
| 99 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 96 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 90 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 89 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 87 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 86 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 85 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 81 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 80 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 79 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 78 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 75 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 73 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 72 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 69 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 67 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 66 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 65 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 65 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 61 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 61 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 54 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 54 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |

29-1064 Obstetricians and Gynecologists

| | |
|--|--------|
| Diagnose, treat, and help prevent diseases of women, especially those affecting the reproductive system and the process of childbirth. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 129.71 |
| Mean Annual Wage | 269803 |
| Health Care Employment | 60 |
| Health Care Mean Hourly Wage | 129.71 |
| Health Care Mean Annual Wage | 269803 |
| Northeast Employment | 10 |
| Northeast Mean Hourly Wage | 149.5 |
| Northeast Mean Annual Wage | 310954 |
| Casper MSA Mean Hourly Wage | 121.79 |
| Casper MSA Mean Annual Wage | 253338 |

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 70 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 610 |
| Colorado Percentage Growth | 3.3 |

| |
|---|
| <p>Total Employment 60 Mean Annual Wage \$269,803</p> |
|---|

| | |
|--------------------------------|-----|
| Colorado Annual Openings | 30 |
| Idaho 2018 Employment | 40 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 70 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 0 |
| Nebraska 2018 Employment | 180 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 70 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 0 |
| Utah 2018 Employment | 300 |
| Utah Percentage Growth | 3.3 |
| Utah Annual Openings | 10 |

| Tasks | |
|---|--|
| 29-1064.00 - Obstetricians and Gynecologists | |
| Importance | Task |
| 99 | Collect, record, and maintain patient information, such as medical histories, reports, or examination results. |
| 98 | Treat diseases of female organs. |
| 98 | Care for and treat women during prenatal, natal, and postnatal periods. |
| 97 | Prescribe or administer therapy, medication, and other specialized medical care to treat or prevent illness, disease, or injury. |
| 96 | Perform cesarean sections or other surgical procedures as needed to preserve patients' health and deliver babies safely. |
| 95 | Analyze records, reports, test results, or examination information to diagnose medical condition of patient. |
| 94 | Explain procedures and discuss test results or prescribed treatments with patients. |
| 94 | Monitor patients' conditions and progress and reevaluate treatments as necessary. |
| 85 | Advise patients and community members concerning diet, activity, hygiene, and disease prevention. |
| 84 | Refer patient to medical specialist or other practitioner when necessary. |

| Related Occupations | |
|---|--|
| 29-1064.00 - Obstetricians and Gynecologists | |
| O*NET-SOC Code | O*NET-SOC Title |
| 25-1071.00 | Health Specialties Teachers, Postsecondary |
| 29-1062.00 | Family and General Practitioners |
| 29-1063.00 | Internists, General |
| 29-1065.00 | Pediatricians, General |
| 29-1067.00 | Surgeons |
| 29-1069.03 | Hospitalists |
| 29-1069.09 | Preventive Medicine Physicians |
| 29-1071.00 | Physician Assistants |
| 29-1161.00 | Nurse Midwives |
| 29-1171.00 | Nurse Practitioners |

| Skills | | |
|---|-----------------------|---|
| 29-1064.00 - Obstetricians and Gynecologists | | |
| Importance | Skill | Skill Description |
| 85 | Critical Thinking | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| 78 | Reading Comprehension | Understanding written sentences and paragraphs in work related documents. |
| 78 | Active Listening | Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times. |
| 78 | Speaking | Talking to others to convey information effectively. |
| 75 | Writing | Communicating effectively in writing as appropriate for the needs of the audience. |

29-1064 Obstetricians and Gynecologists

| Work Activities | | |
|--|---|--|
| 29-1064.00 - Obstetricians and Gynecologists | | |
| Importance | Work Activity | Work Activity Description |
| 96 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 94 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 93 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 85 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 82 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 79 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Documenting/ Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 76 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 75 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 74 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 70 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 69 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 69 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 69 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 66 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |

| Detailed Work Activities |
|--|
| 29-1064.00 - Obstetricians and Gynecologists |
| |
| Detailed Work Activity |
| Collect medical information from patients, family members, or other medical professionals. |
| Record patient medical histories. |
| Care for women during pregnancy and childbirth. |
| Treat chronic diseases or disorders. |
| Administer non-intravenous medications. |
| Prescribe medications. |
| Prescribe treatments or therapies. |
| Operate on patients to treat conditions. |
| Analyze test data or images to inform diagnosis or treatment. |
| Explain medical procedures or test results to patients or family members. |
| Monitor patient progress or responses to treatments. |
| Advise communities or institutions regarding health or safety issues. |
| Provide health and wellness advice to patients, program participants, or caregivers. |
| Refer patients to other healthcare practitioners or health resources. |
| Supervise patient care personnel. |
| Advise medical personnel regarding healthcare issues. |
| Collaborate with healthcare professionals to plan or provide treatment. |
| Design public or employee health programs. |
| Direct healthcare delivery programs. |
| Prepare official health documents or records. |
| Conduct research to increase knowledge about medical issues. |

29-1065 Pediatricians, General

| | |
|---|--------|
| Diagnose, treat, and help prevent children's diseases and injuries. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 50 |
| Mean Hourly Wage | 103.73 |
| Mean Annual Wage | 215758 |
| Health Care Employment | 50 |
| Health Care Mean Hourly Wage | 103.73 |
| Health Care Mean Annual Wage | 215758 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 50 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 640 |

| | |
|----------------------------|------|
| Colorado Percentage Growth | 4.7 |
| Colorado Annual Openings | 30 |
| Idaho 2018 Employment | 40 |
| Idaho Percentage Growth | 25 |
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 70 |
| Montana Percentage Growth | 14.3 |
| Montana Annual Openings | 0 |
| Nebraska 2018 Employment | 270 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| Utah 2018 Employment | 270 |
| Utah Percentage Growth | 0 |
| Utah Annual Openings | 10 |

**Total Employment
50
Mean Annual Wage
\$215,758**

| Tasks | |
|-------------------------------------|--|
| 29-1065.00 - Pediatricians, General | |
| Importance | Task |
| 95 | Examine children regularly to assess their growth and development. |
| 95 | Treat children who have minor illnesses, acute and chronic health problems, and growth and development concerns. |
| 95 | Collect, record, and maintain patient information, such as medical history, reports, or examination results. |
| 95 | Prescribe or administer treatment, therapy, medication, vaccination, and other specialized medical care to treat or prevent illness, disease, or injury in infants and children. |
| 94 | Examine patients or order, perform, and interpret diagnostic tests to obtain information on medical condition and determine diagnosis. |
| 92 | Advise patients, parents or guardians, and community members concerning diet, activity, hygiene, and disease prevention. |
| 92 | Explain procedures and discuss test results or prescribed treatments with patients and parents or guardians. |
| 91 | Monitor patients' conditions and progress and reevaluate treatments as necessary. |

| Related Occupations | |
|-------------------------------------|---|
| 29-1065.00 - Pediatricians, General | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1041.06 | Coroners |
| 21-1022.00 | Healthcare Social Workers |
| 25-1071.00 | Health Specialties Teachers, Postsecondary |
| 25-1072.00 | Nursing Instructors and Teachers, Postsecondary |
| 29-1062.00 | Family and General Practitioners |
| 29-1069.03 | Hospitalists |
| 29-1071.00 | Physician Assistants |
| 29-1161.00 | Nurse Midwives |
| 29-1171.00 | Nurse Practitioners |

| Detailed Work Activities |
|--|
| 29-1065.00 - Pediatricians, General |
| Detailed Work Activity |
| Examine patients to assess general physical condition. |
| Administer non-intravenous medications. |
| Collect medical information from patients, family members, or other medical professionals. |
| Prescribe medications. |
| Prescribe treatments or therapies. |
| Record patient medical histories. |
| Treat acute illnesses, infections, or injuries. |
| Treat chronic diseases or disorders. |
| Order medical diagnostic or clinical tests. |
| Advise communities or institutions regarding health or safety issues. |
| Explain medical procedures or test results to patients or family members. |
| Provide health and wellness advice to patients, program participants, or caregivers. |
| Monitor patient progress or responses to treatments. |
| Design public or employee health programs. |
| Direct healthcare delivery programs. |
| Supervise patient care personnel. |
| Refer patients to other healthcare practitioners or health resources. |
| Operate on patients to treat conditions. |
| Advise medical personnel regarding healthcare issues. |
| Conduct research to increase knowledge about medical issues. |
| Prepare official health documents or records. |

29-1065 Pediatricians, General

| Work Activities | | |
|-------------------------------------|---|---|
| 29-1065.00 - Pediatricians, General | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 87 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 87 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 85 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 79 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 79 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 77 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 75 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 70 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 68 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 66 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 66 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 65 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 61 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 59 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 59 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 58 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 56 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 56 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 54 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 54 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 53 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 53 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 53 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |

29-1066 Psychiatrists

| | |
|--|--------|
| Diagnose, treat, and help prevent disorders of the mind. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 20 |
| Mean Hourly Wage | 133.13 |
| Mean Annual Wage | 276910 |
| Health Care Employment | 20 |
| Health Care Mean Hourly Wage | 133.13 |
| Health Care Mean Annual Wage | 276910 |

| Tasks | |
|----------------------------|---|
| 29-1066.00 - Psychiatrists | |
| Importance | Task |
| 96 | Prescribe, direct, or administer psychotherapeutic treatments or medications to treat mental, emotional, or behavioral disorders. |
| 88 | Gather and maintain patient information and records, including social or medical history obtained from patients, relatives, or other professionals. |
| 87 | Design individualized care plans, using a variety of treatments. |
| 86 | Collaborate with physicians, psychologists, social workers, psychiatric nurses, or other professionals to discuss treatment plans and progress. |
| 86 | Analyze and evaluate patient data or test findings to diagnose nature or extent of mental disorder. |
| 86 | Examine or conduct laboratory or diagnostic tests on patients to provide information on general physical condition or mental disorder. |
| 83 | Counsel outpatients or other patients during office visits. |
| 76 | Advise or inform guardians, relatives, or significant others of patients' conditions or treatment. |
| 69 | Teach, take continuing education classes, attend conferences or seminars, or conduct research and publish findings to increase understanding of mental, emotional, or behavioral states or disorders. |

| Short Term Projections 2018-2020 | |
|----------------------------------|----|
| Wyoming 2018 Employment | 40 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |

Total Employment
20
Mean Annual Wage
\$276,910

| | |
|----------------------------|-----|
| Colorado 2018 Employment | 420 |
| Colorado Percentage Growth | 2.4 |
| Colorado Annual Openings | 20 |
| Idaho 2018 Employment | 120 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 120 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 150 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 10 |
| Utah 2018 Employment | 340 |
| Utah Percentage Growth | 2.9 |
| Utah Annual Openings | 10 |

| Knowledge | | |
|----------------------------|-------------------------------|--|
| 29-1066.00 - Psychiatrists | | |
| Importance | Knowledge | Knowledge Description |
| 99 | Therapy and Counseling | Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance. |
| 98 | Psychology | Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders. |
| 94 | Medicine and Dentistry | Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures. |
| 82 | English Language | Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar. |
| 70 | Biology | Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment. |
| 67 | Customer and Personal Service | Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction. |
| 67 | Education and Training | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| 63 | Sociology and Anthropology | Knowledge of group behavior and dynamics, societal trends and influences, human migrations, ethnicity, cultures and their history and origins. |
| 56 | Administration and Management | Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources. |

29-1066 Psychiatrists

| Work Activities | | |
|----------------------------|---|---|
| 29-1066.00 - Psychiatrists | | |
| Importance | Work Activity | Work Activity Description |
| 99 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 95 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 92 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 91 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 88 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 85 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 75 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 73 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 72 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 72 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 71 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 70 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 69 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 69 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 68 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 66 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 65 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 63 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 62 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 62 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 59 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 56 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 55 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 54 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |

29-1067 Surgeons

| | |
|--|--------|
| Treat diseases, injuries, and deformities by invasive methods, such as manual manipulation or by using instruments and appliances. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 90 |
| Mean Hourly Wage | 144.16 |
| Mean Annual Wage | 299852 |
| Health Care Employment | 90 |
| Health Care Mean Hourly Wage | 144.16 |
| Health Care Mean Annual Wage | 299852 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 146.88 |
| Southwest Mean Annual Wage | 305509 |
| Northeast Employment | 20 |
| Northeast Mean Hourly Wage | 149.5 |
| Northeast Mean Annual Wage | 310954 |
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 146.62 |
| Cheyenne MSA Mean Ann.Wage | 304974 |
| Casper MSA Employment | 10 |
| Casper MSA Mean Hourly Wage | 127 |
| Casper MSA Mean Annual Wage | 264173 |
| New Hires Survey | |
| New Hires est N | 31.35 |
| New Hires Median \$ | 168.6 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |

| Related Occupations | |
|-----------------------|---|
| 29-1067.00 - Surgeons | |
| O*NET-SOC Code | O*NET-SOC Title |
| 19-1042.00 | Medical Scientists, Except Epidemiologists |
| 25-1072.00 | Nursing Instructors and Teachers, Postsecondary |
| 29-1022.00 | Oral and Maxillofacial Surgeons |
| 29-1051.00 | Pharmacists |
| 29-1061.00 | Anesthesiologists |
| 29-1063.00 | Internists, General |
| 29-1069.03 | Hospitalists |
| 29-1141.04 | Clinical Nurse Specialists |
| 29-1161.00 | Nurse Midwives |
| 29-1171.00 | Nurse Practitioners |

| | |
|---|------|
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 25-34 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 120 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 1100 |

| |
|---|
| <p>Total Employment 90 Mean Annual Wage \$299,852</p> |
|---|

| | |
|--------------------------------|-----|
| Colorado Percentage Growth | 3.6 |
| Colorado Annual Openings | 50 |
| Idaho 2018 Employment | 70 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 200 |
| Montana Percentage Growth | 5 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 390 |
| Nebraska Percentage Growth | 2.6 |
| Nebraska Annual Openings | 20 |
| South Dakota 2018 Employment | 380 |
| South Dakota Percentage Growth | 2.6 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 560 |
| Utah Percentage Growth | 1.8 |
| Utah Annual Openings | 20 |

| Knowledge | | |
|-----------------------|-------------------------------|--|
| 29-1067.00 - Surgeons | | |
| Importance | Knowledge | Knowledge Description |
| 95 | Medicine and Dentistry | Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures. |
| 88 | Customer and Personal Service | Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction. |
| 87 | English Language | Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar. |
| 83 | Biology | Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment. |
| 76 | Education and Training | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| 70 | Psychology | Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders. |
| 65 | Computers and Electronics | Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming. |
| 64 | Personnel and Human Resources | Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems. |
| 64 | Therapy and Counseling | Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance. |

29-1067 Surgeons

| Work Activities | | |
|-----------------------|---|---|
| 29-1067.00 - Surgeons | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 92 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 89 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 83 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 78 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 78 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 75 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 75 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 71 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 70 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 69 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 68 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 68 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 67 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 65 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 65 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 65 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 64 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 62 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 62 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 59 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |

29-1069 Physicians and Surgeons, All Other

| | |
|--|--------|
| All physicians and surgeons not listed separately. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 440 |
| Mean Hourly Wage | 114.75 |
| Mean Annual Wage | 238694 |
| Health Care Employment | 360 |
| Health Care Mean Hourly Wage | 124.79 |
| Health Care Mean Annual Wage | 259552 |
| Public Admin. Employment | 80 |
| Northwest Employment | 60 |
| Northwest Mean Hourly Wage | 99.04 |
| Northwest Mean Annual Wage | 206024 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 134.48 |
| Southwest Mean Annual Wage | 279719 |
| Central-SE Employment | 30 |
| Central-SE Mean Hourly Wage | 144.53 |
| Central-SE Mean Annual Wage | 300636 |
| Cheyenne MSA Employment | 120 |
| Casper MSA Employment | 100 |
| Casper MSA Mean Hourly Wage | 105.58 |
| Casper MSA Mean Annual Wage | 219592 |
| New Hires Survey | |
| New Hires est N | 156.75 |
| New Hires Median \$ | 48.08 |
| New Hires Health Insurance | 100 |

"All Other" titles represent occupations with a wide range of characteristics which do not fit into one of the detailed O*NET-SOC occupations. **O*NET data is not available for this type of title.** For more detailed occupations under this title, see <https://www.onetonline.org/link/summary/29-1069.00>.

| | |
|------------|---|
| 29-1069.01 | Allergists and Immunologists |
| 29-1069.02 | Dermatologists |
| 29-1069.03 | Hospitalists |
| 29-1069.04 | Neurologists |
| 29-1069.05 | Nuclear Medicine Physicians |
| 29-1069.06 | Ophthalmologists |
| 29-1069.07 | Pathologists |
| 29-1069.08 | Physical Medicine and Rehabilitation Physicians |
| 29-1069.09 | Preventive Medicine Physicians |
| 29-1069.10 | Radiologists |
| 29-1069.11 | Sports Medicine Physicians |
| 29-1069.12 | Urologists |

| | |
|---|------|
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 80 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 40 |
| New Hires Male | 60 |
| New Hires 25-34 | 20 |
| New Hires 35-44 | 40 |
| New Hires 45-54 | 20 |
| New Hires 55-64 | 20 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 400 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 2920 |
| Colorado Percentage Growth | 3.1 |
| Colorado Annual Openings | 120 |
| Idaho 2018 Employment | 1550 |

| | |
|--------------------------------|------|
| Idaho Percentage Growth | 2.6 |
| Idaho Annual Openings | 60 |
| Montana 2018 Employment | 1060 |
| Montana Percentage Growth | 2.8 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 2040 |
| Nebraska Percentage Growth | 2.9 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 460 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 2170 |
| Utah Percentage Growth | 2.3 |
| Utah Annual Openings | 80 |

| |
|---|
| <p>Total Employment 440 Mean Annual Wage \$238,694</p> |
|---|

| Tasks | |
|-----------------------------|---|
| 29-1069.02 - Dermatologists | |
| Importance | Task |
| 98 | Diagnose and treat pigmented lesions such as common acquired nevi, congenital nevi, dysplastic nevi, Spitz nevi, blue nevi, or melanoma. |
| 97 | Conduct complete skin examinations. |
| 96 | Counsel patients on topics such as the need for annual dermatologic screenings, sun protection, skin cancer awareness, or skin and lymph node self-examinations. |
| 96 | Record patients' health histories. |
| 94 | Diagnose and treat skin conditions such as acne, dandruff, athlete's foot, moles, psoriasis, or skin cancer. |
| 94 | Perform incisional biopsies to diagnose melanoma. |
| 93 | Perform skin surgery to improve appearance, make early diagnoses, or control diseases such as skin cancer. |
| 92 | Prescribe hormonal agents or topical treatments such as contraceptives, spironolactone, antiandrogens, oral corticosteroids, retinoids, benzoyl peroxide, or antibiotics. |
| 85 | Recommend diagnostic tests based on patients' histories and physical examination findings. |
| 84 | Provide dermatologic consultation to other health professionals. |
| 84 | Read current literature, talk with colleagues, and participate in professional organizations or conferences to keep abreast of developments in dermatology. |
| 78 | Refer patients to other specialists, as needed. |
| 76 | Conduct or order diagnostic tests such as chest radiographs (x-rays), microbiologic tests, or endocrinologic tests. |

29-1069 Physicians and Surgeons, All Other

| Work Activities | | |
|-----------------------------|---|---|
| 29-1069.02 - Dermatologists | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 91 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 88 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 80 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 75 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 72 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 67 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 66 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 65 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 63 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 63 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 63 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 62 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 61 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 60 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 60 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 59 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 59 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 57 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 55 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |

29-1071 Physician Assistants

| | |
|--|--------|
| Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct complete physicals, provide treatment, and counsel patients. May, in some cases, prescribe medication. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 220 |
| Mean Hourly Wage | 57.18 |
| Mean Annual Wage | 118923 |
| Health Care Employment | 200 |
| Health Care Mean Hourly Wage | 57.31 |
| Health Care Mean Annual Wage | 119209 |
| Northwest Employment | 40 |
| Northwest Mean Hourly Wage | 47.13 |
| Northwest Mean Annual Wage | 98021 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 58.55 |
| Southwest Mean Annual Wage | 121781 |
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 60.32 |
| Northeast Mean Annual Wage | 125460 |

| | |
|---|--------|
| Central-SE Employment | 20 |
| Central-SE Mean Hourly Wage | 61.83 |
| Central-SE Mean Annual Wage | 128607 |
| Cheyenne MSA Employment | 50 |
| Cheyenne MSA Mean Hourly Wage | 59.93 |
| Cheyenne MSA Mean Annual Wage | 124635 |
| Casper MSA Employment | 40 |
| Casper MSA Mean Hourly Wage | 56.63 |
| Casper MSA Mean Annual Wage | 117782 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 230 |
| Wyoming Percentage Growth | 4.3 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 3130 |
| Colorado Percentage Growth | 8.6 |
| Colorado Annual Openings | 310 |
| Idaho 2018 Employment | 650 |
| Idaho Percentage Growth | 7.7 |
| Idaho Annual Openings | 60 |

| | |
|--------------------------------|------|
| Montana 2018 Employment | 600 |
| Montana Percentage Growth | 6.7 |
| Montana Annual Openings | 60 |
| Nebraska 2018 Employment | 1070 |
| Nebraska Percentage Growth | 5.6 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 540 |
| South Dakota Percentage Growth | 5.6 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 1220 |
| Utah Percentage Growth | 5.7 |
| Utah Annual Openings | 100 |

| |
|--|
| Total Employment 220 Mean Annual Wage \$118,923 |
|--|

PHYSICIAN ASSISTANTS

SOC Code 29-1071

Entry Salary

\$47.99/hr

Average Salary

\$57.18/hr

Job Description

Physician Assistants, under the supervision of a licensed Physician, assist in the practice of medicine.

Requirements:

1. At least 21 years of age
2. Graduate from a Physician Assistant training program accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).
3. Satisfactorily complete a certification examination administered by the National Commission on the Certification of Physician Assistants (NCCPA).
4. Complete an application including the supervising

Physician application.

5. Three original references, including two from physicians with whom the applicant has practiced
 6. A supervising agreement form must be submitted by the supervising physician, including a detailed description of medical practice and duties of physicians assistant under supervising physicians scope of practice as well as method of supervision.
 7. The applicant for physician assistant licensure is required to appear before the advisory council for initial licensure
- Restrictions**
- Conviction of a felony.
 - Drug and/or alcohol abuse.
 - Dishonesty, fraud or gross negligence.
 - Fraud or deceit.
 - Manifest incapacity to practice.
- School Located in Wyoming**

There are no Physician Assistant training programs in Wyoming.

License

Physician Assistants must be licensed by the Board of Medicine to work in Wyoming.

Examination

Interviews before the Board occur in January, April, July, and October.

Fees

Application and License (includes the cost of 1 NPDB report, 1 criminal record check (if necessary), temporary license (if granted) pending completion and review of licensure application at next board meeting, and initial license (if granted)) \$250.00
 Paper form license application processing fee. \$25.00
 Annual renewal of license . \$90.00

Licensing Agency

Board of Medicine
 130 Hobbs Avenue, Ste. A

29-1071 Physician Assistants

Cheyenne, WY 82002
 Phone: (307) 778-7053
 Fax: (307) 778-2069
<http://wyomedboard.state.wy.us/>
 Additional Sources of Information
 Wyoming Association of Physician Assistants
 P.O. Box 4009
 Cheyenne, WY 82002
 Phone: (307) 635-2424
<http://www.wapa.net/>
 American Academy of Physician Assistants
 2318 Mill Road, Ste. 1300
 Alexandria, VA 22314
 Phone: (703) 836-2272
<http://www.aapa.org>
 National Commission on the Certification of Physician Assistants
 12000 Findley Road, Ste. 100
 Johns Creek, GA 30097-1409
 Phone: (678) 417-8100
<http://www.nccpa.net/>
 Occupational Outlook Handbook:
 "Physician Assistants "
<http://www.bls.gov/ooh/healthcare/physician-assistants.htm>
 Last updated May 2019

| Related Occupations | |
|-----------------------------------|---|
| 29-1071.00 - Physician Assistants | |
| O*NET-SOC Code | O*NET-SOC Title |
| 25-1071.00 | Health Specialties Teachers, Postsecondary |
| 25-1072.00 | Nursing Instructors and Teachers, Postsecondary |
| 29-1141.04 | Clinical Nurse Specialists |
| 29-1151.00 | Nurse Anesthetists |
| 29-1161.00 | Nurse Midwives |
| 29-1171.00 | Nurse Practitioners |

| Work Activities | | |
|-----------------------------------|---|---|
| 29-1071.00 - Physician Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 98 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 96 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 95 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 94 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 91 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 89 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 85 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 85 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 85 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 84 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 74 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 70 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 69 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 65 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 65 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 64 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 61 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |

29-1081 Podiatrists

| | |
|--|--------|
| Diagnose and treat diseases and deformities of the human foot. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 20 |
| Mean Hourly Wage | 84.58 |
| Mean Annual Wage | 175919 |

| | |
|---|--------|
| Health Care Employment | 10 |
| Health Care Mean Hourly Wage | 86.63 |
| Health Care Mean Annual Wage | 180199 |
| Short Term Projections 2018-2020 | |
| Idaho 2018 Employment | 30 |
| Idaho Percentage Growth | 0 |

| | |
|----------------------------|-----|
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 50 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 0 |
| Nebraska 2018 Employment | 50 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 0 |
| Utah 2018 Employment | 110 |
| Utah Percentage Growth | 0 |
| Utah Annual Openings | 10 |

PODIATRISTS

SOC Code 29-1081

Entry Salary

\$49.86/hr

Average Salary

\$84.58/hr

Job Description

Podiatrists diagnose diseases and disorders of the feet. They perform surgery and fit corrective devices to treat diseases and disorders. They also prescribe drugs, physical therapy and proper shoes as treatment.

Requirements

1. Be a graduate of a school of podiatry accredited by the CPME or its successor
2. Have successfully completed a residency program approved by the CPME or its successor
3. Podiatrists performing surgical treatment of the ankle and tendons that insert into the foot shall have completed a podiatric surgical residency training program approved by the CPME or its successor.
4. Examination Requirement. Every applicant for licensure shall successfully pass parts one (1), two (2), and three (3) of the examination administered by the National Board of Podiatric Medical Examiners or its successor
5. Successfully pass the Jurisprudence Examination.
6. Two (2) letters of professional

| |
|-------------------------|
| Total Employment |
| 20 |
| Mean Annual Wage |
| \$175,919 |

recommendation mailed directly to the Board from reputable practitioners of podiatry attesting to the applicants competence in the practice of podiatry.

Restrictions

Habitual use of alcohol or drugs. Incompetence or professional misconduct. Fraud in obtaining a license. Selling or giving away alcohol or controlled substances for illegal purposes.

School Located in Wyoming

None in Wyoming.

License

Podiatrists must be licensed by the Wyoming Board of Registration in Podiatry to work in Wyoming.

Examination

State examinations are given once per year.

Fees

Application for licensure and examination \$800.00
Annual Renewal \$400.00

Licensing Agency

Amanda Best
Wyoming Board of Registration in Podiatry
2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone: (307) 777-3628

Fax: (307) 777-3508

<http://podiatry.wyo.gov/home>

Additional Sources of Information

American Podiatric Medical Association

9312 Old Georgetown Rd.
Bethesda, MD 20814-1621

Phone: (301) 581-9200

<http://www.apma.org/>

American Association of Colleges of Podiatric Medicine

15850 Crabbs Branch Way, Ste. 320

Rockville, MD 20855

Phone: (301) 948-9760

<http://www.aacpm.org/>

Council on Podiatric Medical Education

9312 Old Georgetown Road
Bethesda, MD 20814-1621

Phone: (301) 581-9200

<http://www.cpme.org/>

National Board of Podiatric Medical Examiners

P.O. Box 510

Bellefonte, PA 16823

Phone: (814) 357-0487

<http://www.apmle.org/>

Occupational Outlook Handbook:

"Podiatrists " <https://www.bls.gov/ooh/healthcare/podiatrists.htm>

Last updated May 2019

29-1081 Podiatrists

| Work Activities | | |
|--------------------------|---|---|
| 29-1081.00 - Podiatrists | | |
| Importance | Work Activity | Work Activity Description |
| 97 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 86 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 85 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 81 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 80 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 78 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 75 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 72 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 72 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 70 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 67 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 66 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 64 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 64 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 63 | Guiding, Directing, and Motivating Subordinates | Providing guidance and direction to subordinates, including setting performance standards and monitoring performance. |
| 60 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 60 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 59 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 57 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 57 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 56 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 56 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 55 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |

29-1122 Occupational Therapists

| | |
|---|-------|
| Assess, plan, organize, and participate in rehabilitative programs that help restore vocational, homemaking, and daily living skills, as well as general independence, to disabled persons. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 320 |
| Mean Hourly Wage | 40.12 |
| Mean Annual Wage | 83440 |
| Educational Mean Hourly Wage | 38.71 |
| Educational Mean Annual Wage | 80516 |
| Health Care Employment | 160 |
| Health Care Mean Hourly Wage | 41.64 |
| Health Care Mean Annual Wage | 86626 |
| Northwest Employment | 40 |
| Northwest Mean Hourly Wage | 37.71 |
| Northwest Mean Annual Wage | 78417 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 44.72 |
| Southwest Mean Annual Wage | 93007 |
| Northeast Employment | . |

| | |
|---|---------|
| Northeast Mean Hourly Wage | 41.56 |
| Northeast Mean Annual Wage | 86437 |
| Central-SE Employment | 30 |
| Central-SE Mean Hourly Wage | 38.03 |
| Central-SE Mean Annual Wage | 79103 |
| Casper MSA Employment | 50 |
| Casper MSA Mean Hourly Wage | 36.93 |
| Casper MSA Mean Annual Wage | 76810 |
| New Hires Survey | |
| New Hires est N | 97.56 |
| New Hires Median \$ | 15 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 47.133 |
| New Hires Paid Time Off | 47.133 |
| New Hires Service Orientation Important | 47.133 |
| New Hires Critical Thinking Important | 47.133 |
| New Hires Reading Comprehension | 47.133 |
| New Hires Female | 100 |
| New Hires 20-24 | 26.4335 |

| | |
|---|--------|
| New Hires 25-34 | 41.434 |
| New Hires 35-44 | 32.133 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 290 |
| Wyoming Percentage Growth | 3.4 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 3020 |
| Colorado Percentage Growth | 5.3 |
| Colorado Annual Openings | 230 |
| Idaho 2018 Employment | 500 |
| Idaho Percentage Growth | 6 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 350 |
| Montana Percentage Growth | 5.7 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 1210 |
| Nebraska Percentage Growth | 5 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 390 |
| South Dakota Percentage Growth | 5.1 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 960 |
| Utah Percentage Growth | 5.2 |
| Utah Annual Openings | 70 |

OCCUPATIONAL THERAPISTS

SOC Code 29-1122

Entry Salary

\$33.70/hr

Average Salary

\$40.12/hr

Job Description

Occupational Therapists plan, organize, and conduct occupational therapy programs to facilitate

rehabilitation of mentally, physically, or emotionally handicapped individuals.

Requirements

1. Completed application and fee;
2. Provide NBCOT certification number so the Board may verify the applicants standing with the NBCOT; verification of all licenses held, active or inactive, in any healthcare professions;

**Total Employment
320
Mean Annual Wage
\$83,440**

and verification of lawful presence in the United States.

3. Pass the Certification for Occupational Therapist, Registered (OTR) as administered by the NBCOT or the current examination recognized by the board.

4. Each licensee must complete thirty-two (32) hours of continuing education every two years.

These hours must be obtained

during the thirty-six (36) months immediately preceding July 31 of every even year.

Restrictions

Conviction of a felony.

Fraud.

Unprofessional conduct.

Violating any provision of the Occupational Therapy Practice Act.

Schools Located in Wyoming

University of North Dakota, offered at the Casper College campus - Occupational Therapy

<http://www.med.und.edu/occupational-therapy/>

Casper College - Casper - Pre-Occupational Therapy

http://www.caspercollege.edu/pre_

29-1122 Occupational Therapists

occupational_therapy/index.html
 Wyoming residents are eligible to study out of state through the Professional Student Exchange Program (PSEP). For more information about PSEP contact: University of Wyoming College of Health Sciences Wyoming Certifying Office Dept. 3432, 1000 E. University Ave., Laramie, WY 82071 (307) 766-3499 <http://www.uwyo.edu/preprof/funding-your-professional-education/wyoming-residents.html>

License

Occupational Therapists must be licensed by the Board of Occupational Therapy to practice in Wyoming.

Examination

Examinations are given by the National Board for Certification in Occupational Therapy (NBCOT).

Fees

License Fee. \$225.00
 Temporary license \$50.00
 Limited permit \$50.00
 License renewal. \$110.00

Licensing Agency

Maxine Cordova
 Board of Occupational Therapy
 2001 Capitol Avenue, #105
 Cheyenne, WY 82002
 Phone: (307) 777-7764
 Fax: (307) 777-3314
<http://ot.state.wy.us/>

Additional Sources of Information

The American Occupational Therapy Association, Inc.
 4720 Montgomery Lane, Ste. 200

Bethesda, MD 20814-3449
 Phone: (301) 652-6611
<http://www.aota.org/>
 National Board for Certification in Occupational Therapy, Inc. (NBCOT)
 One Bank Street, Ste 300
 Gaithersburg, MD 20877
 Phone: (301) 990-7979
<http://www.nbcot.org/>
 Wyoming Occupational Therapy Association, Cheryl Keffeler
 1695 N Mill Creek Rd
 Casper, WY 82604
 Phone: (307) 251-0884
<http://www.wyota.org/>
 Occupational Outlook Handbook: "Occupational Therapists"
<http://www.bls.gov/ooh/healthcare/occupational-therapists.htm>

Last updated May 2019

| Work Activities | | |
|--------------------------------------|--|--|
| 29-1122.00 - Occupational Therapists | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 89 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 88 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 87 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 81 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 81 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 80 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 79 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

29-1126 Respiratory Therapists

| | |
|--|-------|
| Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 200 |
| Mean Hourly Wage | 28.36 |
| Mean Annual Wage | 58970 |
| Real Estate Mean Hourly Wage | 26.47 |
| Real Estate Mean Annual Wage | 55066 |
| Health Care Employment | 160 |
| Health Care Mean Hourly Wage | 28.55 |

| | |
|---|-------|
| Health Care Mean Annual Wage | 59377 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 29.84 |
| New Hires Survey | |
| New Hires Female | 100 |
| New hires 45-54 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 220 |
| Wyoming Percentage Growth | 9.1 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 1950 |
| Colorado Percentage Growth | 6.7 |

| | |
|--------------------------------|------|
| Colorado Annual Openings | 160 |
| Idaho 2018 Employment | 880 |
| Idaho Percentage Growth | 6.8 |
| Idaho Annual Openings | 70 |
| Montana 2018 Employment | 500 |
| Montana Percentage Growth | 4 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 1170 |
| Nebraska Percentage Growth | 2.6 |
| Nebraska Annual Openings | 70 |
| South Dakota 2018 Employment | 360 |
| South Dakota Percentage Growth | 5.6 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 980 |
| Utah Percentage Growth | 8.2 |
| Utah Annual Openings | 90 |

RESPIRATORY THERAPISTS

SOC Code 29-1126

Entry Salary

\$24.81/hr

Average Salary

\$28.36/hr

Job Description

Respiratory Therapists assess, treat, and care for patients with breathing disorders. They assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.

Requirements

1. Are of majority age.
2. High school graduate or equivalent.
3. Successful completion of a respiratory care educational program.
4. Pass the Certified Respiratory Therapist exam or the Registered Respiratory Therapist exam.

Restrictions

Conviction of a felony or misdemeanor conviction involving moral turpitude or controlled substances.

**Total Employment
200
Mean Annual Wage
\$58,970**

Fraud or deceit in obtaining a license.

Incompetence.

Drug or alcohol abuse.

School Located in Wyoming

Casper College - Casper
http://www.caspercollege.edu/respiratory_therapy/index.html

License

A license to practice as a Respiratory Therapist in Wyoming must be obtained from the Board for Respiratory Care.

Examination

The National Board for Respiratory Care, Inc. administers respiratory care exams.

Fees

Application \$100.00
Temporary permit. \$40.00
Annual license renewal fee (paper format). . . . \$100.00
Annual license renewal fee (online). \$50.00

Licensing Agency

Carla Fleming

Board for Respiratory Care
2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone: (307) 777-5403

Fax: (307) 777-3508

<http://respiratory.wyo.gov/>

Additional Sources of Information

National Board for Respiratory Care

10801 Mastin Street, Suite 300

Overland Park, KS 66210

Phone: (913) 895-4600/

(888)0341-4811

<https://www.nbrc.org/>

American Association for Respiratory Care

9425 N. MacArthur Blvd., Ste. 100

Irving, TX 75063-4706

Phone: (972) 243-2272

<http://aarc.org/>

Occupational Outlook Handbook:

"Respiratory Therapists"

<http://www.bls.gov/ooh/healthcare/respiratory-therapists.htm>

htm

htm

htm

Last updated May 2019

29-1126 Respiratory Therapists

| Work Activities | | |
|-------------------------------------|---|--|
| 29-1126.00 - Respiratory Therapists | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 88 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 87 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 80 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 80 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 79 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 77 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 76 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 74 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 74 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 73 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 72 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 72 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 71 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 70 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 69 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 66 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 65 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 63 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 60 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 59 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 58 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 55 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 55 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |

29-1127 Speech-Language Pathologists

| | |
|---|-------|
| Assess and treat persons with speech, language, voice, and fluency disorders. May select alternative communication systems and teach their use. May perform research related to speech and language problems. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 290 |
| Mean Hourly Wage | 39.36 |
| Mean Annual Wage | 81867 |
| Educational Employment | 150 |
| Educational Mean Hourly Wage | 32.76 |
| Educational Mean Annual Wage | 68145 |
| Health Care Employment | 130 |
| Health Care Mean Hourly Wage | 47.15 |
| Health Care Mean Annual Wage | 98055 |
| Northwest Employment | 70 |
| Northwest Mean Hourly Wage | 42.03 |
| Northwest Mean Annual Wage | 87422 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 36.93 |
| Southwest Mean Annual Wage | 76810 |
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 38.11 |

| | |
|---|-------|
| Northeast Mean Annual Wage | 79280 |
| Central-SE Employment | 40 |
| Central-SE Mean Hourly Wage | 33.64 |
| Central-SE Mean Annual Wage | 69972 |
| Cheyenne MSA Employment | 50 |
| Cheyenne MSA Mean Hourly Wage | 37.14 |
| Cheyenne MSA Mean Annual Wage | 77245 |
| Casper MSA Employment | 60 |
| Casper MSA Mean Hourly Wage | 44.43 |
| Casper MSA Mean Annual Wage | 92412 |
| New Hires Survey | |
| New Hires est N | 91.97 |
| New Hires Median \$ | 30.9 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

| | |
|---|---------|
| New Hires Female | 100 |
| New Hires 20-24 | 15.9125 |
| New Hires 25-34 | 50 |
| New hires 45-54 | 34.088 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 320 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 3420 |
| Colorado Percentage Growth | 4.4 |
| Colorado Annual Openings | 250 |
| Idaho 2018 Employment | 470 |
| Idaho Percentage Growth | 4.3 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 340 |
| Montana Percentage Growth | 2.9 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 1150 |
| Nebraska Percentage Growth | 3.5 |
| Nebraska Annual Openings | 80 |
| South Dakota 2018 Employment | 410 |
| South Dakota Percentage Growth | 4.9 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 1500 |
| Utah Percentage Growth | 4 |
| Utah Annual Openings | 100 |

SPEECH-LANGUAGE PATHOLOGISTS

SOC Code 29-1127

Entry Salary

\$30.62/hr

Average Salary

\$39.36/hr

Job Description

Audiologists and speech pathologists help people with speech, language or hearing problems by examining the patient, diagnosing the disorder and providing treatment.

Requirements

1. Submit evidence of clinical competency by verifying current ASHA certification;
- or Complete the following:
 2. Clinical fellowship OR
 3. Education requirements

**Total Employment
290
Mean Annual Wage
\$81,867**

identified in Section 4(b)(ii) of this chapter (submit transcripts complying with Wyoming Statute 33-33-105(a)(i) directly from the college, university, or institution); and

4. Successful passage of the Praxis within the previous five (5) years.

Restrictions

Fraud.

Conviction of a felony.

Unprofessional conduct.

Violating any provision of the License Act for Speech Pathologists and Audiologists.

School Located in Wyoming University of Wyoming - Laramie - Division of Communication Disorders

<http://www.uwyo.edu/comdis/professions/speech-language-pathology.html>

License

Speech Pathologists must be licensed in Wyoming by the Board of Speech Pathology and Audiology. Examination

29-1127 Speech-Language Pathologists

ASHA examinations are conducted online and in hard copy. For more information go to <http://www.ets.org/praxis/asha>

Fees

Provisional Application. . \$200.00

Initial License by Completing

Provisional \$100.00

Initial License. \$300.00

Endorsement. \$300.00

Annual Renewal. \$100.00

Licensing Agency

Amanda Best

Board of Speech Pathology &

Audiology

2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone: (307) 777-3628

Fax: (307) 777-3508

<http://speech.wyo.gov/home>

Additional Sources of Information

American Speech-Language-

Hearing Association

2200 Research Blvd.

Rockville, MD 20850-3289

Phone: (301) 296-5700

<http://www.asha.org/>

[Speech-LanguagePathologist.org](http://www.Speech-LanguagePathologist.org)

P.O. Box 880053

Boca Raton, FL 33488-0053

Phone: (561) 998-9501

<http://www.speech->

[languagepathologist.org/index.htm](http://www.languagepathologist.org/index.htm)

Occupational Outlook Handbook:

“Speech-Language Pathologists”

<http://www.bls.gov/ooh/>

[healthcare/speech-language-](http://www.healthcare/speech-language-)

[pathologists.htm](http://www.pathologists.htm)

Last updated May 2019

| Work Activities | | |
|---|---|--|
| 29-1127.00 - Speech-Language Pathologists | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 82 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 79 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 79 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 78 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 72 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 72 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 72 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 71 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 68 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 66 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 63 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 62 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 62 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |

29-1131 Veterinarians

| | |
|--|--------|
| Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 200 |
| Mean Hourly Wage | 40.81 |
| Mean Annual Wage | 84875 |
| Prof. & Technical Employment | 200 |
| Prof. & Technical Mean Hourly Wage | 41.11 |
| Prof. & Technical Mean Ann. Wage | 85506 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 28.66 |
| Northwest Mean Annual Wage | 59622 |
| Southwest Employment | 50 |
| Southwest Mean Hourly Wage | 30.53 |
| Southwest Mean Annual Wage | 63499 |
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 44.91 |
| Northeast Mean Annual Wage | 93414 |
| Central-SE Employment | 40 |
| Central-SE Mean Hourly Wage | 48.48 |
| Central-SE Mean Annual Wage | 100828 |

| | |
|---|--------|
| Cheyenne MSA Employment | 30 |
| Cheyenne MSA Mean Hourly Wage | 39.14 |
| Cheyenne MSA Mean Annual Wage | 81417 |
| Casper MSA Employment | 20 |
| Casper MSA Mean Hourly Wage | 60.12 |
| Casper MSA Mean Annual Wage | 125043 |
| New Hires Survey | |
| New Hires est N | 77.55 |
| New Hires Median \$ | 20.23 |
| New Hires Health Insurance | 28.571 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |

**Total Employment
200
Mean Annual Wage
\$84,875**

| | |
|---------------------------------|--------|
| New Hires Reading Comprehension | 100 |
| New Hires Female | 42.857 |
| New Hires Male | 57.143 |
| New Hires 25-34 | 28.571 |
| New Hires 35-44 | 28.571 |
| New hires 45-54 | 14.286 |
| New Hires 55-64 | 28.571 |

| | |
|---|------|
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 240 |
| Wyoming Percentage Growth | 4.2 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 2610 |
| Colorado Percentage Growth | 5.7 |
| Colorado Annual Openings | 170 |
| Idaho 2018 Employment | 380 |
| Idaho Percentage Growth | 2.6 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 460 |
| Montana Percentage Growth | 6.5 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 900 |
| Nebraska Percentage Growth | 4.4 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 290 |
| South Dakota Percentage Growth | 6.9 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 540 |
| Utah Percentage Growth | 11.1 |
| Utah Annual Openings | 50 |

VETERINARIANS SOC Code 29-1131

Entry Salary

\$29.05/hr

Average Salary

\$40.81/hr

Job Description

Veterinarians treat injuries and attempt to prevent, control and cure infectious, contagious, nutritional or neoplastic animal diseases and conditions.

Requirements

1. Be a graduate of a school of veterinary medicine approved by the Board.
2. Pass the National examination approved by the Board with a score of at least seventy-five percent (75%).
3. Pass the State Board written examination with a score of at

least seventy-five percent (75%).

Restrictions

Conviction of a felony.
Addiction to alcohol or drugs.
Fraudulently obtaining license.
Unprofessional conduct.
Other violations as listed in the Practice Act.

School Located in Wyoming

There are no Veterinary schools located in Wyoming; however, Wyoming residents are eligible to study out of state through the Western Interstate Commission for Higher Education (WICHE) program. For more information about WICHE contact:
University of Wyoming
College of Health Sciences
Pre-Professional Health Advising
Health Sciences 110
Laramie, WY 82071

Phone: (307) 766-3878

certoff@uwyo.edu

<http://www.uwyo.edu/hs/wicewwami-wydent-program/>

License

Veterinarians must be licensed in Wyoming by the Board of Veterinary Medicine to practice.

Examination

The National Board of Veterinary Medical Examiners (NBVME) administers the National Examination. The current examination required is the North American Veterinary Licensing

29-1131 Veterinarians

Examination (NAVLE). The State Board examination is mailed to applicants to take at their convenience and return to the Board office.

Fees

License. \$300.00
 Annual Renewal. \$65.00
 Temporary Permit. \$200.00

Licensing Agency

Carla Fleming
 Board of Veterinary Medicine

2001 Capitol Avenue, Room 105
 Cheyenne, WY 82002

Phone: (307) 777-5403

Fax: (307) 777-3508

<http://vetboard.wyo.gov/>

Additional Sources of Information

American Veterinary Medical Association

1931 North Meacham Rd., Ste. 100

Schaumburg, IL 60173-4360

Phone: (800) 248-2862

<https://www.avma.org/Pages/home.aspx>

American Animal Hospital Assn.

12575 W. Bayaud Ave.

Lakewood, CO 80228

Phone: (303) 986-2800

<http://www.aahanet.org/>

Occupational Outlook Handbook: "Veterinarians"

<http://www.bls.gov/ooh/healthcare/veterinarians.htm>

healthcare/veterinarians.htm

Last updated June 2019

| Work Activities | | |
|----------------------------|--|--|
| 29-1131.00 - Veterinarians | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 89 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 88 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 87 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 79 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 79 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 77 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 74 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 73 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 70 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 70 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 68 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 63 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 61 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 61 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 61 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |

29-1141 Registered Nurses

| | |
|---|-------|
| Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 5010 |
| Mean Hourly Wage | 32.94 |
| Mean Annual Wage | 68528 |
| Finance Employment | 20 |
| Finance Mean Hourly Wage | 30.54 |
| Finance Mean Annual Wage | 63524 |
| Administrative Support Employment | 130 |
| Administrative Support Mean Hourly Wage | 25.69 |
| Administrative Support Mean Annual Wage | 53429 |
| Educational Employment | 170 |
| Educational Mean Hourly Wage | 26.86 |
| Educational Mean Annual Wage | 55873 |
| Health Care Employment | 3980 |
| Health Care Mean Hourly Wage | 32.78 |
| Health Care Mean Annual Wage | 68190 |
| Public Admin. Employment | 700 |
| Public Admin. Mean Hourly Wage | 36.54 |
| Public Admin. Mean Annual Wage | 75987 |
| Northwest Employment | 880 |
| Northwest Mean Hourly Wage | 32.67 |

REGISTERED NURSES SOC Code 29-1141

Entry Salary

\$27.35/hr

Average Salary

\$32.94/hr

Job Description

Registered Nurses provide health care to injured, sick and well persons. Registered Nurses may work in hospitals, doctors offices, public health clinics, industrial settings or schools.

Requirements

1. Graduate from licensing-board approved nursing program.

| | |
|-------------------------------|---------|
| Northwest Mean Annual Wage | 67944 |
| Southwest Employment | 840 |
| Southwest Mean Hourly Wage | 31.76 |
| Southwest Mean Annual Wage | 66074 |
| Northeast Employment | 790 |
| Northeast Mean Hourly Wage | 32.61 |
| Northeast Mean Annual Wage | 67834 |
| Central-SE Employment | 580 |
| Central-SE Mean Hourly Wage | 31.23 |
| Central-SE Mean Annual Wage | 64978 |
| Cheyenne MSA Employment | 950 |
| Cheyenne MSA Mean Hourly Wage | 37.77 |
| Cheyenne MSA Mean Annual Wage | 78563 |
| Casper MSA Employment | 960 |
| Casper MSA Mean Hourly Wage | 30.78 |
| Casper MSA Mean Annual Wage | 64017 |
| New Hires Survey | |
| New Hires est N | 1691.76 |
| New Hires Median \$ | 26 |
| New Hires Health Insurance | 55.454 |
| New Hires Retirement Plan | 54.245 |
| New Hires Paid Time Off | 57.964 |

**Total Employment
5,010
Mean Annual Wage
\$68,528**

2. Pass a national nursing licensure examination.

3. Meet continued competency requirement.

Restrictions

Each application is reviewed by the Wyoming State Board of Nursing.

Schools Located in Wyoming

Casper College - Casper - School of Health Science, Nursing
<http://www.caspercollege.edu/>

| | |
|---|--------|
| New Hires Service Orientation Important | 92.917 |
| New Hires Critical Thinking Important | 92.917 |
| New Hires Reading Comprehension | 95.429 |
| New Hires Female | 82.248 |
| New Hires Male | 11.985 |
| New Hires Sex Unknown | 5.8 |
| New Hires <20 | 1.9 |
| New Hires 20-24 | 8.0255 |
| New Hires 25-34 | 21.739 |
| New Hires 35-44 | 15.394 |
| New hires 45-54 | 22.923 |
| New Hires 55-64 | 20.593 |
| New Hires 65+ | 3.7 |
| New Hires Age Unknown | 5.8 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 5070 |
| Wyoming Percentage Growth | 2.4 |
| Wyoming Annual Openings | 320 |
| Colorado 2018 Employment | 51600 |
| Colorado Percentage Growth | 4.8 |
| Colorado Annual Openings | 3900 |
| Idaho 2018 Employment | 17760 |
| Idaho Percentage Growth | 4.4 |
| Idaho Annual Openings | 1310 |
| Montana 2018 Employment | 10570 |
| Montana Percentage Growth | 2.9 |
| Montana Annual Openings | 690 |
| Nebraska 2018 Employment | 25360 |
| Nebraska Percentage Growth | 3.2 |
| Nebraska Annual Openings | 1700 |
| South Dakota 2018 Employment | 12800 |
| South Dakota Percentage Growth | 4 |
| South Dakota Annual Openings | 910 |
| Utah 2018 Employment | 22730 |
| Utah Percentage Growth | 4.8 |
| Utah Annual Openings | 1720 |

[nursing/index.html](http://www.cwc.edu/nursing/index.html)

Central Wyoming College - Riverton - Nursing program

<http://www.cwc.edu/nursing/>

Laramie County Community College - Cheyenne - Nursing program

<http://www.lccc.wy.edu/>

29-1141 Registered Nurses

programs/nursing
 Northern Wyoming Community
 College District - Gillette and
 Sheridan
<http://www.sheridan.edu/academics/program/nursing/>
 Northwest College - Powell -
 Nursing program
<https://nwc.edu/nursing/>
 University of Wyoming - Laramie -
 Fay W. Whitney School of Nursing
<http://www.uwyo.edu/nursing/>
 Western Wyoming Community
 College -Rock Springs - Nursing
 program
<https://www.westernwyoming.edu/academics/nursing/>

License

Registered Nurses must be licensed by the Wyoming State Board of Nursing.

Examination

The examination is given in Casper at Pearson Vue Testing Center. More information is available online at <http://www.pearsonvue.com/nclex/>

Fees

Licensing by Endorsement (Out of State). \$135.00

Licensing by Examination \$130.00
 Renewal
 (Every Even Year). \$110.00
 Background Check. \$60.00
 Multi-State Licensure Application
 Processing. \$25.00
 Temporary Permit (exam or
 endorsement) \$25.00

Licensing Agency

Cynthia LaBonde, MN, RN,
 Executive Director
 Wyoming State Board of Nursing
 130 Hobbs Avenue, Ste. B
 Cheyenne, WY 82002
 Phone: (307) 777-7601
 Fax: (307) 777-3519
<http://nursing-online.state.wy.us/>

Additional Sources of Information

Accreditation Commission for
 Education in Nursing
 3343 Peachtree Rd. NE, Ste. 850
 Atlanta, GA 30326
 Phone: (404) 975-5000
<http://acenursing.org/>
 American Association of Colleges
 of Nursing
 655 K Street, NW, Ste 750
 Washington, DC 20001
 Phone: (202) 463-6930

<http://www.aacn.nche.edu/>
 American Nurses Association
 8515 Georgia Ave., Ste. 400
 Silver Springs, MD 20910-3492
 Phone: (800) 274-4262
<http://nursingworld.org/>
 National Council of State Boards
 of Nursing (NCSBN)
 111 East Wacker Dr., Ste. 2900
 Chicago IL 60601-4277
 Phone: (312) 525-3600
<https://www.ncsbn.org/index.htm>
 National League for Nursing
 The Watergate
 2600 Virginia Avenue, NW, 8th
 Floor
 Washington, DC 20037
 Phone: (800) 669-1656
<http://www.nln.org/>
 Wyoming Nurses Association
 301 Thelma Dr #200
 Casper, WY 82609
 (307) 462-2600
<https://wyonurse.nursingnetwork.com/>
 Occupational Outlook Handbook:
 "Registered Nurses"
<http://www.bls.gov/ooh/healthcare/registered-nurses.htm>
 Last updated May 2019

| Work Activities | | |
|--------------------------------|--|--|
| 29-1141.00 - Registered Nurses | | |
| Importance | Work Activity | Work Activity Description |
| 96 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 95 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 91 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 91 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 89 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 87 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 86 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |

29-1171 Nurse Practitioners

| | |
|--|--------|
| Diagnose and treat acute, episodic, or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform, or interpret diagnostic tests such as lab work and x rays. May prescribe medication. Must be registered nurses who have specialized graduate education. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 290 |
| Mean Hourly Wage | 56.75 |
| Mean Annual Wage | 118049 |
| Health Care Employment | 260 |
| Health Care Mean Hourly Wage | 57.28 |
| Health Care Mean Annual Wage | 119150 |
| Public Admin. Employment | 10 |
| Public Admin. Mean Hourly Wage | 51.97 |
| Public Admin. Mean Annual Wage | 108086 |
| Northwest Employment | 10 |
| Northwest Mean Hourly Wage | 69.6 |
| Northwest Mean Annual Wage | 144774 |
| Southwest Mean Hourly Wage | 59.02 |
| Southwest Mean Annual Wage | 122752 |
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 54.73 |

NURSE PRACTITIONERS

SOC Code 29-1171

Entry Salary

\$46.26/hr

Average Salary

\$56.75/hr

NURSE MIDWIVES

SOC Code 29-1161

Entry Salary

N/A

Average Salary

N/A

NURSE ANESTHETISTS

SOC Code 29-1151

Entry Salary

\$98.40/hr

Average Salary

\$128.98/hr

Job Description

Nurse Practitioners, Nurse Midwives, and Nurse Anesthetists, all considered to be

| | |
|---|--------|
| Northeast Mean Annual Wage | 113838 |
| Central-SE Employment | 50 |
| Central-SE Mean Hourly Wage | 48.96 |
| Central-SE Mean Annual Wage | 101836 |
| Cheyenne MSA Employment | 90 |
| Cheyenne MSA Mean Hourly Wage | 60.16 |
| Cheyenne MSA Mean Annual Wage | 125131 |
| Casper MSA Employment | 50 |
| Casper MSA Mean Hourly Wage | 53.61 |
| Casper MSA Mean Annual Wage | 111503 |
| New Hires Survey | |
| New Hires est N | 292.52 |
| New Hires Median \$ | 48.08 |
| New Hires Health Insurance | 24.981 |
| New Hires Retirement Plan | 24.981 |
| New Hires Paid Time Off | 46.415 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

**Total Employment
290
Mean Annual Wage
\$118,049**

Advanced Practice Registered Nurses, are Registered Nurses with additional knowledge, skills, and education that enable them to work independently as health care providers.

Requirements

1. Completion of a graduate or post-graduate level advanced practice registered nurse educational program.
2. Provide documentation verifying national certification in the advanced practice registered

| | |
|---|--------|
| New Hires Female | 100 |
| New Hires 25-34 | 35.698 |
| New Hires 35-44 | 32.151 |
| New hires 45-54 | 10.717 |
| New Hires 55-64 | 21.434 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 220 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 2900 |
| Colorado Percentage Growth | 7.9 |
| Colorado Annual Openings | 260 |
| Idaho 2018 Employment | 670 |
| Idaho Percentage Growth | 9 |
| Idaho Annual Openings | 60 |
| Montana 2018 Employment | 560 |
| Montana Percentage Growth | 7.1 |
| Montana Annual Openings | 50 |
| Nebraska 2018 Employment | 1270 |
| Nebraska Percentage Growth | 4.7 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 470 |
| South Dakota Percentage Growth | 6.4 |
| South Dakota Annual Openings | 40 |
| Utah 2018 Employment | 1620 |
| Utah Percentage Growth | 6.8 |
| Utah Annual Openings | 130 |

nurse role and at least one population focus area of practice for which they are educationally prepared. The program should be nationally accredited by the American Board of Nursing Specialties (ABNS) or the National Commission for Certifying Agencies (NCCA).

3. Pass a mandatory criminal background check.

Restrictions

All applications are reviewed by the Wyoming State Board of Nursing.

School Located in Wyoming

University of Wyoming - Laramie
- College of Health Sciences - Fay
W Whitney School of

29-1171 Nurse Practitioners

Nursing

<http://www.uwyo.edu/nursing/>

License

As of 2017, advanced practice registered nurses (APRNs) are not required to have an active RN (registered nurse) license to practice. APRNs are required to submit evidence of national certification in the role and population focus of their graduate study.

Examination

Candidates must successfully pass a national certification examination

Fees

Licensure by

Examination \$255.00

Licensure by

Endorsement. \$255.00

Renewal \$180.00

Additional Certification(s) (each) . . . \$70.00

Renewal for Each Certification \$70.00

Prescriptive Authority \$70.00

* All licenses are renewed Dec. 31 of even years, 2020, 2022, 2024, etc.

Licensing Agency

Cynthia LaBonde, MN, RN,

Executive Director

Wyoming State Board of Nursing

130 Hobbs Avenue, Ste. B

Cheyenne, WY 82002

Phone : (307) 777-7601

Fax : (307) 777-3519

<http://nursing-online.state.wy.us/>

Additional Sources of

Information

American Nurses Association

8515 Georgia Ave., Ste. 400

Silver Spring, MD 20910

Phone: (800) 274-4262

<http://www.nursingworld.org/>

Wyoming Nurses Association

301 Thelma Drive, Ste. 200

Casper, WY 82609

Phone: (307) 462-2600

<https://wyonurse.nursingnetwork.com/>

Occupational Outlook Handbook: "Nurse Anesthetists, Nurse

Midwives, and Nurse

Practitioners"

<http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm>

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

http://www.bls.gov/ooh/healthcare/nurse-anesthetists-nurse-midwives-and-nursepractitioners.htm

| Work Activities | | |
|----------------------------------|--|--|
| 29-1171.00 - Nurse Practitioners | | |
| Importance | Work Activity | Work Activity Description |
| 98 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 94 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 93 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 93 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 89 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 88 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 88 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 87 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 85 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 83 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 82 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 80 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 78 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |

29-1181 Audiologists

| | |
|--|-------|
| Assess and treat persons with hearing and related disorders. May fit hearing aids and provide auditory training. May perform research related to hearing problems. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Mean Hourly Wage | 36.6 |
| Mean Annual Wage | 76110 |
| Health Care Mean Hourly Wage | 36.66 |
| Health Care Mean Annual Wage | 76238 |

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 30 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 360 |
| Colorado Percentage Growth | 5.6 |
| Colorado Annual Openings | 30 |
| Idaho 2018 Employment | 20 |

| | |
|----------------------------|-----|
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 0 |
| Montana 2018 Employment | 80 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 100 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 0 |
| Utah 2018 Employment | 200 |
| Utah Percentage Growth | 5 |
| Utah Annual Openings | 20 |

AUDIOLOGISTS SOC Code 29-1181

Entry Salary

\$33.48/hr

Average Salary

\$36.60/hr

Job Description

Audiologists and speech pathologists help people with speech, language or hearing problems by examining the patient, diagnosing the disorder and providing treatment.

Requirements

1. Submit evidence of clinical competency by verifying current ASHA certification; or Complete the following:
2. Clinical fellowship OR
3. Education requirements identified in Section 4(b)(ii) of this chapter (submit transcripts complying with Wyoming Statute 33-33-105(a)(i) directly from the college, university, or institution); and
4. Successful passage of the Praxis within the previous five (5) years.

Restrictions

Conviction of a felony.
Unprofessional conduct.
Violating any provision of the License Act for Speech Pathologists and Audiologists.
School Located in Wyoming
University of Wyoming - Laramie

- College of Health Sciences -
Division of Communication
Disorders

<http://www.uwyo.edu/comdis/>

License

Audiologists must be licensed by the Wyoming Board of Speech Pathology and Audiology.

Examination

ASHA examinations are conducted online and in hard copy. For more information go to <http://www.ets.org/praxis/asha/requirements>.

Fees

Provisional Application. . . \$200.00
Initial License by
Completing Provisional . . \$100.00
Initial License. \$300.00
Endorsement. \$300.00
Annual Renewal. \$100.00
Licensing Agency

Amanda Best
Wyoming Board of Speech
Pathology & Audiology
2001 Capitol Avenue, Room 105
Cheyenne, WY 82002
Phone: (307) 777-3628
Fax: (307) 777-3508
<http://speech.wyo.gov/home>

Additional Sources of Information

American Speech-Language-
Hearing Association
2200 Research Blvd.
Rockville, MD 20850-3289
Phone: (301) 296-5700

Mean Annual Wage

\$76,110

<http://www.asha.org/>
American Board of Audiology
11480 Commerce Park Dr., Ste.
220
Reston, VA 20191
Phone: (800) 881-5410
<http://www.boardofaudiology.org/>
Occupational Outlook Handbook:
"Audiologists"
<http://www.bls.gov/ooh/healthcare/audiologists.htm>
Last updated May 2019

| Detailed Work Activities |
|---|
| 29-1181.00 - Audiologists |
| Detailed Work Activity |
| Examine patients to assess general physical condition. |
| Adjust prostheses or other assistive devices. |
| Operate diagnostic or therapeutic medical instruments or equipment. |
| Test patient hearing. |
| Record patient medical histories. |
| Analyze test data or images to inform diagnosis or treatment. |
| Train patients, family members, or caregivers in techniques for managing disabilities or illnesses. |

29-1181 Audiologists

| Work Activities | | |
|---------------------------|---|---|
| 29-1181.00 - Audiologists | | |
| Importance | Work Activity | Work Activity Description |
| 84 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 84 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 83 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 82 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 79 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 79 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 77 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 71 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 64 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 63 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 63 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 62 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 61 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 60 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 58 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 58 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 56 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 54 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 54 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 54 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 53 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |

29-2021 Dental Hygienists

| | |
|---|-------|
| Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop X-rays, or apply fluoride or sealants. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 440 |
| Mean Hourly Wage | 34.05 |
| Mean Annual Wage | 70833 |
| Health Care Employment | 430 |
| Health Care Mean Hourly Wage | 34.08 |
| Health Care Mean Annual Wage | 70884 |
| Northwest Mean Hourly Wage | 35.99 |
| Northwest Mean Annual Wage | 74860 |
| Southwest Employment | 90 |
| Southwest Mean Hourly Wage | 32.22 |
| Southwest Mean Annual Wage | 67022 |
| Northeast Employment | 90 |
| Northeast Mean Hourly Wage | 32.13 |
| Northeast Mean Annual Wage | 66822 |
| Central-SE Employment | 40 |
| Central-SE Mean Hourly Wage | 36.04 |
| Central-SE Mean Annual Wage | 74959 |
| Cheyenne MSA Employment | 110 |
| Cheyenne MSA Mean Hourly Wage | 34.76 |
| Cheyenne MSA Mean Annual Wage | 72316 |
| Casper MSA Employment | 70 |

DENTAL HYGIENIST SOC Code 29-2021

Entry Salary

\$30.62/hr

Average Salary

\$34.05/hr

Job Description

Dental Hygienists work under the supervision of dentists to help people prevent tooth decay, gum disease and maintain oral health. They clean and polish teeth, noting conditions of decay and disease for diagnosis by a dentist. They also take and develop X-rays and may place, carve and finish amalgam restorations, as well as place and finish composites and administer local anesthesia if they obtain an expanded function certificate.

| | |
|---|--------|
| Casper MSA Mean Hourly Wage | 35.66 |
| Casper MSA Mean Annual Wage | 74170 |
| New Hires Survey | |
| New Hires est N | 250.79 |
| New Hires Median \$ | 26 |
| New Hires Retirement Plan | 25 |
| New Hires Paid Time Off | 50 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 87.5 |
| New Hires Reading Comprehension | 87.5 |
| New Hires Female | 100 |
| New Hires <20 | 12.5 |
| New Hires 25-34 | 37.5 |
| New Hires 35-44 | 25 |

**Total Employment
440
Mean Annual Wage
\$70,833**

Requirements

1. Complete an American Dental Association-accredited dental hygiene program.
2. Passing score from one of the following: Western Regional Examining Board (WREB), Central Regional Dental Testing Service (CRDTS), North East Regional Board (NERB), Council of Interstate Testing Agencies (CITA), or Southern Regional Testing Agency (SRTA).
3. Pass the American Dental Association National Board Examination.
4. Pass the State Board Jurisprudence Examination.

Restrictions

Qualifications fraudulently obtained.
Conviction of a felony.

| | |
|---|------|
| New hires 45-54 | 12.5 |
| New Hires 55-64 | 12.5 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 490 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 5060 |
| Colorado Percentage Growth | 4.5 |
| Colorado Annual Openings | 420 |
| Idaho 2018 Employment | 350 |
| Idaho Percentage Growth | 8.6 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 760 |
| Montana Percentage Growth | 3.9 |
| Montana Annual Openings | 60 |
| Nebraska 2018 Employment | 1360 |
| Nebraska Percentage Growth | 3.7 |
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 660 |
| South Dakota Percentage Growth | 4.5 |
| South Dakota Annual Openings | 50 |
| Utah 2018 Employment | 2860 |
| Utah Percentage Growth | 1.4 |
| Utah Annual Openings | 190 |

Dishonest or illegal practice of dental hygiene.
Habitual addiction to drugs, including alcohol.

Schools Located in Wyoming

Sheridan College - Sheridan - Dental Hygiene
<http://www.sheridan.edu/academics/program/dental-hygiene/>
University of Wyoming - Laramie - Dental Hygiene
<http://www.uwyo.edu/hs/divisions-and-programs/dental-hygiene-program.html>
Laramie County Community College - Cheyenne
<http://www.lccc.cc.wy.us/programs/dentalHygiene>

License

Dental Hygienists must be

29-2021 Dental Hygienists

licensed by the State Board of Dental Examiners.

Examination

Hygienists take the Jurisprudence examination (given 30 days written notice) in the office of any Board Member, as he/she is available to administer the examination. The CRDTS exam is given in May at Sheridan College and throughout the CRDTS region. WREB is administered throughout the WREB region. NERB, CITA, and SRTA examinations are also acceptable.

Fees

Application/
examinations. \$150.00
Application by

Endorsement \$200.00
Expanded Function
Application \$30.00
Annual Renewal. \$95.00

Licensing Agency

Jason Brock
Wyoming Board of Dental Examiners
2001 Capitol Ave, Room 105
Cheyenne, WY 82002
Phone: (307) 777-7387
Fax: (307) 777-3508
<http://dental.wyo.gov/home>

Additional Sources of Information

American Dental Hygienists Association
444 North Michigan Ave., Ste. 3400

Chicago, IL 60611
Phone: (312) 440-8900
<http://www.adha.org>
American Association of Public Health Dentistry
PO Box 7317
Springfield, IL 62791
Phone: (217) 529-6941
<http://aaphd.org/>
Wyoming Dental Association
123 West First St, Ste 208B
Casper, WY 82601
Phone: (307) 237-1186
<http://wyda.org/>
Occupational Outlook Handbook: "Dental Hygienists"
<http://www.bls.gov/ooh/healthcare/dental-hygienists.htm>
Last updated May 2019

| Work Activities | | |
|--------------------------------|---|--|
| 29-2021.00 - Dental Hygienists | | |
| Importance | Work Activity | Work Activity Description |
| 89 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 88 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 85 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 73 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 72 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 71 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 70 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 66 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |

29-2034 Radiologic Technologists and Technicians

| | |
|---|-------|
| Take x rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 400 |
| Mean Hourly Wage | 28.23 |
| Mean Annual Wage | 58721 |
| Health Care Employment | 380 |
| Health Care Mean Hourly Wage | 28.1 |
| Health Care Mean Annual Wage | 58448 |
| Northwest Employment | 70 |
| Northwest Mean Hourly Wage | 32.07 |
| Northwest Mean Annual Wage | 66708 |
| Southwest Employment | 60 |
| Southwest Mean Hourly Wage | 27.28 |
| Southwest Mean Annual Wage | 56728 |
| Northeast Employment | 80 |
| Northeast Mean Hourly Wage | 29.87 |
| Northeast Mean Annual Wage | 62142 |
| Central-SE Employment | 30 |

| | |
|---|-------|
| Central-SE Mean Hourly Wage | 25.55 |
| Central-SE Mean Annual Wage | 53137 |
| Cheyenne MSA Employment | 90 |
| Cheyenne MSA Mean Hourly Wage | 24.87 |
| Cheyenne MSA Mean Annual Wage | 51718 |
| Casper MSA Employment | 80 |
| Casper MSA Mean Hourly Wage | 28.62 |
| Casper MSA Mean Annual Wage | 59522 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 410 |
| Wyoming Percentage Growth | 2.4 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 3630 |
| Colorado Percentage Growth | 4.1 |
| Colorado Annual Openings | 260 |
| Idaho 2018 Employment | 1190 |
| Idaho Percentage Growth | 4.2 |
| Idaho Annual Openings | 90 |
| Montana 2018 Employment | 850 |
| Montana Percentage Growth | 3.5 |
| Montana Annual Openings | 50 |

| | |
|--------------------------------|------|
| Nebraska 2018 Employment | 1950 |
| Nebraska Percentage Growth | 3.1 |
| Nebraska Annual Openings | 130 |
| South Dakota 2018 Employment | 900 |
| South Dakota Percentage Growth | 3.3 |
| South Dakota Annual Openings | 60 |
| Utah 2018 Employment | 1530 |
| Utah Percentage Growth | 3.9 |
| Utah Annual Openings | 110 |

| |
|--|
| <p>Total Employment 400 Mean Annual Wage \$58,721</p> |
|--|

RADIOLOGIC TECHNOLOGISTS SOC Code 29-2034

Entry Salary

\$23.16/hr

Average Salary

\$28.23/hr

Job Description

Radiologic Technologists and Technicians work under the supervision of a licensed practitioner to apply ionizing radiation or radiopharmaceutical agents to people for diagnostic or therapeutic purposes. The licensee may be limited to a specific body area, which shall appear on the license and may include one or more areas.

Requirements-Technologist

1. Be a Wyoming resident.
2. Must be at least 18 years of age.
3. For general licensure,

successful completion of the National Registry Exam or any course of study in radiological technology as approved by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

4. Successful completion of the National Registry Exam as administered by ARRT, NMTCB, or CBRPA.

Requirements-Technician

1. Be a Wyoming resident.
2. Must be at least 18 years of age.
3. Must have a 75% passing score on the CORE exam and a 75% passing score for each specific body area exam.

Restrictions

Conviction of a felony or high misdemeanor involving moral turpitude.
Negligent or incompetent use of

radiation or radiopharmaceutical agents.

Violation of the Wyoming Controlled Substance Act.
Violation of the Radiologic Technologist Examiners Practice Act.

School Located in Wyoming

Casper College - Casper
<http://www.caspercollege.edu/radiography/index.html>
 Laramie County Community College - Cheyenne
<http://www.lccc.cc.wy.us/programs/radiography>
 Western Wyoming Community College - Rock Springs - Pre-Radiology
<https://www.westernwyoming.edu/academics/prehealth/radiology.html>

License

Radiologic Technologists and Technicians must be licensed by the Wyoming Board of Radiologic

Technologist Examiners.

Examination

The general licensure exam is administered by the American Registry of Radiologic Technicians (ARRT), the Certification Board for Radiology Practitioner Assistant (CBRPA), or the Nuclear Medicine Technology Certification Board (NMTCB).

Fees

General License \$225.00
 General License Renewal (bi-annual) . \$100.00
 Restricted License \$160.00
 Restricted Annual Renewal \$40.00
 Special License \$200.00
 Temporary License \$175.00

Licensing Agency

Carla Fleming, Licensing Specialist

Wyoming Board of Radiologic Technologist Examiners
 2001 Capitol Avenue, Room 105
 Cheyenne, WY 82002
 Phone: (307) 777-5403
 Fax: (307) 777-3508
<http://radiology.wyo.gov/home>

Additional Sources of Information

American Registry of Radiologic Technologists
 1255 Northland Dr.
 St. Paul, MN 55120-1155
 Phone: (651) 687-0048
<http://www.rrt.org/>
 Certification Board for Radiology Practitioner Assistants
 P. O. Box 469
 Plaistow, NH 03865
 Phone: (603) 421-2020
<http://www.cbrpa.org/>

Joint Review Committee on Education in Radiologic Technology (JRCERT)
 20 N. Wacker Dr., Ste. 2850
 Chicago, IL 60606-3182
 Phone: (312) 704-5300
<http://www.jrcert.org>
 Nuclear Medicine Technology Certification Board
 3558 Habersham at Northlake Building I
 Tucker, GA 30084-4009
 Phone: (404) 315-1739
<http://www.nmtcb.org/>
 Occupational Outlook Handbook: "Radiologic Technologists"
<http://www.bls.gov/ooh/healthcare/radiologic-technologists.htm>

Last updated May 2019

| Work Activities | | |
|---------------------------------------|--|--|
| 29-2034.00 - Radiologic Technologists | | |
| Importance | Work Activity | Work Activity Description |
| 97 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 92 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 85 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 80 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 79 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 78 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 78 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 74 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 74 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 74 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 73 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |

29-2041 Emergency Medical Technicians and Paramedics

| | |
|---|-------|
| Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 770 |
| Mean Hourly Wage | 16.7 |
| Mean Annual Wage | 34717 |
| Health Care Employment | 560 |
| Health Care Mean Hourly Wage | 16 |
| Health Care Mean Annual Wage | 33283 |
| Public Admin. Employment | 190 |
| Public Admin. Mean Hourly Wage | 18.75 |
| Public Admin. Mean Annual Wage | 38992 |
| Northwest Employment | 150 |
| Northwest Mean Hourly Wage | 15.7 |
| Northwest Mean Annual Wage | 32656 |
| Southwest Employment | 250 |
| Southwest Mean Hourly Wage | 17.52 |
| Southwest Mean Annual Wage | 36448 |
| Northeast Employment | 120 |
| Northeast Mean Hourly Wage | 17.39 |
| Northeast Mean Annual Wage | 36159 |
| Central-SE Employment | 110 |
| Central-SE Mean Hourly Wage | 15.68 |
| Central-SE Mean Annual Wage | 32617 |

| | |
|---|--------|
| Cheyenne MSA Employment | 100 |
| Cheyenne MSA Mean Hourly Wage | 14.5 |
| Cheyenne MSA Mean Annual Wage | 30164 |
| New Hires Survey | |
| New Hires est N | 52.1 |
| New Hires Median \$ | 12 |
| New Hires Health Insurance | 60.17 |
| New Hires Retirement Plan | 60.17 |
| New Hires Paid Time Off | 60.17 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 19.915 |
| New Hires Male | 80.085 |

**Total Employment
770
Mean Annual Wage
\$34,717**

| | |
|---|---------|
| New Hires <20 | 19.9 |
| New Hires 20-24 | 19.9152 |
| New Hires 25-34 | 60.17 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 720 |
| Wyoming Percentage Growth | 1.4 |
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 4720 |
| Colorado Percentage Growth | 4.2 |
| Colorado Annual Openings | 380 |
| Idaho 2018 Employment | 960 |
| Idaho Percentage Growth | 5.2 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 740 |
| Montana Percentage Growth | 2.7 |
| Montana Annual Openings | 60 |
| Nebraska 2018 Employment | 870 |
| Nebraska Percentage Growth | 3.4 |
| Nebraska Annual Openings | 60 |
| South Dakota 2018 Employment | 1100 |
| South Dakota Percentage Growth | 7.3 |
| South Dakota Annual Openings | 110 |
| Utah 2018 Employment | 2230 |
| Utah Percentage Growth | 3.6 |
| Utah Annual Openings | 170 |

EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS SOC Code 29-2041

Entry Salary

\$12.46/hr

Average Salary

\$16.70/hr

Job Description

There are five levels of EMS Providers:

Emergency Medical Responder (EMR): designed to provide initial care at the scene of an illness or injury but do not transport patients.

Emergency Medical Technician (EMT):

Advanced Emergency Medical Technician (AEMT)

Intermediate Emergency Medical Technician (IEMT)

Paramedic
EMT, AEMT, IEMT, and Paramedic levels are educated to provide prehospital care to ill and injured patients, which includes scene size-up, patient assessment, initial and ongoing care, and transport of patients to the closest appropriate medical facility.

Requirements

EMR: 70 hours of initial didactic and lab hours.

EMT: 180 hours of initial didactic and lab hours plus an additional 24 hours of clinical time with a total of 204 hours of education.

AEMT: 100 hours of didactic and

50 hours of clinical time.

IEMT: 100 hours of didactic and 50 hours of clinical time.

Paramedic: offered as a 2 year associate degree program or in a three semester certificate program through two colleges in Wyoming. Paramedic education must be through a CAAHEP/CAEMSP accredited program.

Restrictions

Convicted of a felony or crime against a person.

School Located in Wyoming

Various EMS agencies throughout the State of Wyoming offer EMR, EMT, AEMT, and IEMT courses based on the local need in their agency and surrounding

29-2041 Emergency Medical Technicians and Paramedics

agencies.
 Sheridan College, Gillette College, Laramie County Community College, Carbon County Higher Education Center, Western Wyoming College, Northwest Community College, and Casper College all offer EMT and AEMT courses on a yearly basis.
 Casper College- Casper- School of Health Sciences- Paramedic Technology- Associates
<http://www.caspercollege.edu/paramedic-technology>
 Laramie County Community College- Cheyenne- Health Sciences and Wellness- Emergency Medical Services: Paramedics- Associates
<https://www.lccc.wy.edu/programs/EMSParamedics/index.aspx>
 Western Wyoming Community College- Rock Springs - Emergency Medical Services
 Emergency Medical Services,

Associate of Applied Science
 Emergency Medical Services, Certificate
<https://www.westernwyoming.edu/academics/emergency/>
License
 All levels of EMS providers are licensed by the Wyoming office of Emergency Medical Services.
Examination
 Licensing examinations are administered by the Wyoming Office of Emergency Medical Services upon completion of coursework for EMR and IEMT licenses.
 Examinations are administered at National Registry of Emergency Medical Technicians for EMT, AEMT, and Paramedic licenses.
Fees
 Classes: Cost of EMS classes vary based on the agency offering EMS education
 Colleges charge by credit hour,

approximately \$800 to \$1200
 Local agencies will typically charge text books and student fees, approximately \$400 to \$600
 Agencies typically do not offer EMS training for free.
 Fingerprints. \$5.00
 Background check \$39.00
Licensing Agency
 Scott Logan, IEMT (Licensing Coordinator)
 Wyoming Office of Emergency Medical Services
 6101 Yellowstone Road, Ste. 400
 Cheyenne, WY 82002
 Phone: (307) 777-7955
 Fax: (307) 777-5639
<https://health.wyo.gov/publichealth/ems/>
Additional Sources of Information
 Occupational Outlook Handbook: "EMTs and Paramedics"
<http://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm>
 Last updated June 2019

| Work Activities | | |
|---|--|--|
| 29-2041.00 - Emergency Medical Technicians and Paramedics | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 89 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 88 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 88 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 86 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 82 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 81 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 81 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |

29-2061 Licensed Practical and Licensed Vocational Nurses

| | |
|--|-------|
| Care for ill, injured, convalescent, or disabled persons in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 590 |
| Mean Hourly Wage | 22.88 |
| Mean Annual Wage | 47600 |
| Health Care Employment | 480 |
| Health Care Mean Hourly Wage | 22.84 |
| Health Care Mean Annual Wage | 47515 |
| Public Admin. Employment | 100 |
| Public Admin. Mean Hourly Wage | 23.23 |
| Public Admin. Mean Annual Wage | 48315 |
| Northwest Employment | 70 |
| Northwest Mean Hourly Wage | 23.82 |
| Northwest Mean Annual Wage | 49534 |
| Southwest Employment | 70 |
| Southwest Mean Hourly Wage | 23.25 |
| Southwest Mean Annual Wage | 48349 |
| Northeast Employment | 160 |
| Northeast Mean Hourly Wage | 22.18 |
| Northeast Mean Annual Wage | 46125 |
| Central-SE Employment | 80 |
| Central-SE Mean Hourly Wage | 23.39 |
| Central-SE Mean Annual Wage | 48644 |
| Cheyenne MSA Employment | 140 |

| | |
|---|--------|
| Cheyenne MSA Mean Hourly Wage | 22.27 |
| Cheyenne MSA Mean Annual Wage | 46332 |
| Casper MSA Employment | 80 |
| Casper MSA Mean Hourly Wage | 23.7 |
| Casper MSA Mean Annual Wage | 49295 |
| New Hires Survey | |
| New Hires est N | 219.44 |
| New Hires Median \$ | 20 |
| New Hires Health Insurance | 42.857 |
| New Hires Retirement Plan | 42.857 |
| New Hires Paid Time Off | 42.857 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 85.714 |

**Total Employment
590
Mean Annual Wage
\$47,600**

| | |
|---|---------|
| New Hires Male | 14.286 |
| New Hires 20-24 | 28.5714 |
| New Hires 25-34 | 28.571 |
| New hires 45-54 | 14.286 |
| New Hires 55-64 | 28.571 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 680 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 5300 |
| Colorado Percentage Growth | 2.8 |
| Colorado Annual Openings | 450 |
| Idaho 2018 Employment | 3000 |
| Idaho Percentage Growth | 3.7 |
| Idaho Annual Openings | 270 |
| Montana 2018 Employment | 2620 |
| Montana Percentage Growth | 2.3 |
| Montana Annual Openings | 220 |
| Nebraska 2018 Employment | 5500 |
| Nebraska Percentage Growth | 3.3 |
| Nebraska Annual Openings | 480 |
| South Dakota 2018 Employment | 1910 |
| South Dakota Percentage Growth | 1.6 |
| South Dakota Annual Openings | 150 |
| Utah 2018 Employment | 2170 |
| Utah Percentage Growth | 1.8 |
| Utah Annual Openings | 180 |

LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES SOC Code 29-2061

Entry Salary

\$20.27/hr

Average Salary

\$22.88/hr

Job Description

Licensed Practical Nurses perform technical services requiring basic knowledge of the biological, physical, behavioral, psychological, and sociological sciences, as well as knowledge of nursing procedures.

Requirements

1. Graduate from a State-approved practical nursing program.
2. Pass a national nursing

licensure examination.

3. Pass a criminal background check
4. Meet continued competency requirement.

Restrictions

All applications are reviewed by the State Board.

School Located in Wyoming
Laramie County Community
College - Cheyenne - Nursing
Program

[http://www.lccc.wy.edu/
programs/nursing](http://www.lccc.wy.edu/programs/nursing)

Northern Wyoming Community
College District - Gillette and
Sheridan - Nursing

[http://www.sheridan.edu/
academics/program/nursing/](http://www.sheridan.edu/academics/program/nursing/)
Western Wyoming Community
College - Rock Springs - Practical

Nursing - Outreach

[http://www.wvcc.wy.edu/
evanston/pn/](http://www.wvcc.wy.edu/evanston/pn/)

License

Practical nurses must be licensed by the State Board of Nursing.

Examination

Successfully pass the NCLEX specific to LPN education program

Fees

Licensing by Endorsement (Out of State). \$120.00

Licensing by Examination \$130.00

Renewal (*). \$90.00

Background Check. \$60.00

*All licenses are renewed in even-numbered years, 2020, 2022, 2024, etc.

Licensing Agency

29-2061 Licensed Practical and Licensed Vocational Nurses

Cynthia LaBonde, MN, RN,
Executive Director
Wyoming State Board of Nursing
130 Hobbs Avenue, Ste. B
Cheyenne, WY 82002
Phone : (307) 777-7601
Fax : (307) 777-3519
<http://nursing-online.state.wy.us/>

Additional Sources of

Information

National Association of Licensed
Practical Nurses

3801 Lake Boone Trail, Suite 190
Raleigh, NC 27607
Phone: (919) 779-5642
<http://www.nflpn.org/>
National Association for
Practical Nurse Education and
Service, Inc.
2071 N Bechtle Avenue PMB
307
Springfield, OH 45504-1583
Phone:(703) 933-1003
<http://napnes.org/drupal-7.4/>

Wyoming Nurses Association
301 Thelma Dr., Ste. 200
Casper, WY 82609
Phone: (800) 795-6381
<http://wyonurse.org/>
Occupational Outlook Handbook:
“Licensed Practical and Licensed
Vocational Nurses “
[http://www.bls.gov/ooh/
healthcare/licensed-practical-and-
licensed-vocational-nurses.htm](http://www.bls.gov/ooh/healthcare/licensed-practical-and-licensed-vocational-nurses.htm)
Last updated May 2019

| Work Activities | | |
|--|---|--|
| 29-2061.00 - Licensed Practical and Licensed Vocational Nurses | | |
| Importance | Work Activity | Work Activity Description |
| 97 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 94 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 93 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 89 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 88 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 86 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 83 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 82 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 80 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 79 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 74 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 71 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 70 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 70 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 70 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 69 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |

29-9091 Athletic Trainers

| | |
|---|-------|
| Evaluate, advise, and treat athletes to assist recovery from injury, avoid injury, or maintain peak physical fitness. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 50 |
| Mean Annual Wage | 49812 |
| Educational Employment | 20 |
| Educational Mean Annual Wage | 54186 |
| Health Care Employment | 30 |
| Health Care Mean Annual Wage | 46714 |
| Northwest Employment | 20 |
| Northwest Mean Annual Wage | 40876 |
| Northeast Employment | 10 |
| Northeast Mean Annual Wage | 58138 |
| New Hires Survey | |
| New Hires est N | 125.4 |

ATHLETIC TRAINERS

SOC Code 29-9091

Entry Salary

\$34,839/year

Average Salary

\$48,999/year

Job Description

Athletic Trainers evaluate, advise, and treat athletes to assist recovery from injury, avoid injury, or maintain peak physical fitness.

Requirements

1. Of majority age.
2. Are legal inhabitants of the United States, and
3. Have no felony convictions, and no misdemeanor convictions involving moral turpitude, although exceptions to this requirement may be granted by the Board if consistent with the public interest
4. Have completed an entry-level athletic training education program accredited by the CAATE, or its successor agency.
5. Provide three (3) professional recommendations which attest to applicants' abilities and professional performance.
6. The Board shall accept

| | |
|---|-------|
| New Hires Median \$ | 19.23 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Female | 75 |
| New Hires Male | 25 |
| New Hires 20-24 | 25 |
| New Hires 25-34 | 75 |

**Total Employment
420
Mean Annual Wage
\$98,845**

a passing score on the BOC examination.

7. Each applicant shall pass the Board juris prudence exam.

8. Applicants must provide completed supervision agreement with a physician licensed by the State of Wyoming Board of Medicine.

Restrictions

Conviction of a felony or misdemeanor conviction involving moral turpitude.

Fraudulently obtaining a license.

Negligence.

Conviction of an offense involving a controlled substance.

Schools Located in Wyoming

Northwest College - Powell
- Athletic Training Education Program

<https://nwc.edu/athletics/athletic-training-nwc.html>

Casper College - Casper - Athletic Training Program

<https://www.caspercollege.edu/>

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 60 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 460 |
| Colorado Percentage Growth | 4.3 |
| Colorado Annual Openings | 40 |
| Idaho 2018 Employment | 190 |
| Idaho Percentage Growth | 5.3 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 120 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 190 |
| Nebraska Percentage Growth | 5.3 |
| Nebraska Annual Openings | 10 |
| South Dakota 2018 Employment | 160 |
| South Dakota Percentage Growth | 6.3 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 210 |
| Utah Percentage Growth | 9.5 |
| Utah Annual Openings | 20 |

athletic-training

Sheridan College - Sheridan -

Athletic Training Program

<https://www.sheridan.edu/academics/program/athletic-training/>

University of Wyoming - Laramie

- College of Health Sciences -

Division of Kinesiology and Health

<http://www.uwyo.edu/kandh/>

License

A license to practice as an Athletic Trainer in Wyoming must be obtained from the State Board of Athletic Training.

Examination

Examinations are administered by the Board of Certification (BOC) for the Athletic Trainer. For more information, go to the BOC website at <http://bocatc.org/> or call (877) 262-3926.

Fees

Application \$200.00

29-9091 Athletic Trainers

Renewal (per year) \$200.00

Licensing Agency

Amanda Best
 State Board of Athletic Training
 2001 Capitol Avenue, Room 105
 Cheyenne, WY 82002
 Phone: (307) 777-3628
 Fax: (307) 777-3508
<http://athletictraining.wyo.gov/>

Additional Sources of

Information

National Athletic Trainers
 Association
 1620 Valwood Parkway
 Ste 115
 Carrollton, TX 75006
 Phone: (214) 637-6282
<http://www.nata.org/>
 Commission on Accreditation
 of Athletic Training Education

(CAATE)

6850 Austin Center Blvd.
 Ste. 100, Austin, TX 78731-3184
 Phone: (512) 733-9700
<https://caate.net/>
 Occupational Outlook Handbook:
 "Athletic Trainers"
<http://www.bls.gov/ooh/healthcare/athletic-trainers.htm>
 Last updated June 2019

| Work Activities | | |
|--------------------------------|---|--|
| 29-9091.00 - Athletic Trainers | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 86 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 86 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 85 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 82 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 81 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 81 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 79 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 72 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 69 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 68 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 65 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 65 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 62 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 61 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 61 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |

31-1014 Nursing Assistants

| | |
|--|-------|
| Provide basic patient care under direction of nursing staff. Perform duties, such as feed, bathe, dress, groom, or move patients, or change linens. Exclude "Home Health Aides" (31-1011) and "Psychiatric Aides" (31-1013). | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 3310 |
| Mean Hourly Wage | 15.34 |
| Mean Annual Wage | 31901 |
| Administrative Support Employment | 70 |
| Administrative Support Mean Hourly Wage | 15.58 |
| Administrative Support Mean Annual Wage | 32414 |
| Health Care Employment | 2750 |
| Health Care Mean Hourly Wage | 15.18 |
| Health Care Mean Annual Wage | 31581 |
| Public Admin. Employment | 490 |
| Public Admin. Mean Hourly Wage | 16.17 |
| Public Admin. Mean Annual Wage | 33640 |
| Northwest Employment | 570 |
| Northwest Mean Hourly Wage | 15.81 |
| Northwest Mean Annual Wage | 32881 |
| Southwest Employment | 690 |
| Southwest Mean Hourly Wage | 15.16 |
| Southwest Mean Annual Wage | 31531 |

| | |
|-------------------------------|---------|
| Northeast Employment | 540 |
| Northeast Mean Hourly Wage | 16.2 |
| Northeast Mean Annual Wage | 33701 |
| Central-SE Employment | 360 |
| Central-SE Mean Hourly Wage | 13.61 |
| Central-SE Mean Annual Wage | 28313 |
| Cheyenne MSA Employment | 600 |
| Cheyenne MSA Mean Hourly Wage | 15.69 |
| Cheyenne MSA Mean Annual Wage | 32628 |
| Casper MSA Employment | 550 |
| Casper MSA Mean Hourly Wage | 14.91 |
| Casper MSA Mean Annual Wage | 31012 |
| New Hires Survey | |
| New Hires est N | 1034.52 |
| New Hires Median \$ | 12.5 |
| New Hires Health Insurance | 54.545 |
| New Hires Retirement Plan | 39.394 |
| New Hires Paid Time Off | 51.515 |

**Total Employment
3,310
Mean Annual Wage
\$31,901**

NURSING ASSISTANTS

SOC Code 31-1014

Entry Salary

\$13.45/hr

Average Salary

\$15.34/hr

Job Description

Nursing Assistants, under the supervision of a licensed nurse, may perform delegated tasks including basic nursing skills, personal care skills, basic restorative skills, using communication skills and nursing team member skills, for clients in hospitals and Nursing Homes.

Requirements

1. Graduate from a board-approved CNA training and competency evaluation program.
2. Submit completed application

and fee.

3. Submit CBS fingerprint cards and fee.

4. Successfully pass NATCEP or similar national exam.

Restrictions

Convicted of any act of sexual molestation.

All applications are reviewed by the State Board for additional restrictions.

School Located in Wyoming

Most Wyoming Community Colleges and local nursing homes can provide the necessary training.

Certificate

All Nursing Assistants in Wyoming

| | |
|---|---------|
| New Hires Service Orientation Important | 96.97 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 87.879 |
| New Hires Female | 87.879 |
| New Hires Male | 12.121 |
| New Hires <20 | 21.2 |
| New Hires 20-24 | 27.2727 |
| New Hires 25-34 | 15.152 |
| New Hires 35-44 | 9.091 |
| New hires 45-54 | 18.182 |
| New Hires 55-64 | 3.03 |
| New Hires 65+ | 6.1 |

| | |
|---|-------|
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 3100 |
| Wyoming Percentage Growth | 1 |
| Wyoming Annual Openings | 370 |
| Colorado 2018 Employment | 20710 |
| Colorado Percentage Growth | 3.6 |
| Colorado Annual Openings | 2720 |
| Idaho 2018 Employment | 8160 |
| Idaho Percentage Growth | 4.3 |
| Idaho Annual Openings | 1100 |
| Montana 2018 Employment | 7640 |
| Montana Percentage Growth | 2.4 |
| Montana Annual Openings | 950 |
| Nebraska 2018 Employment | 14510 |
| Nebraska Percentage Growth | 2.5 |
| Nebraska Annual Openings | 1820 |
| South Dakota 2018 Employment | 6140 |
| South Dakota Percentage Growth | 1.6 |
| South Dakota Annual Openings | 740 |
| Utah 2018 Employment | 10760 |
| Utah Percentage Growth | 3.9 |
| Utah Annual Openings | 1430 |

must be certified by the Wyoming State Board of Nursing.

Examination

Examinations schedules for Community Colleges throughout the State are listed on the Wyoming State Board of Nursing Website. It may not be given at all the Community Colleges every month.

Fees

Certification by

31-1014 Nursing Assistants

Endorsement. \$60.00
 Certification by
 Examination. \$60.00
 Examination. \$60.00
 Bi-Annual Renewal \$50.00
 Background Check. \$60.00
Licensing Agency

Cynthia LaBonde, Executive
 Director
 Wyoming State Board of Nursing
 130 Hobbs Avenue, Ste. B
 Cheyenne, WY 82002
 Phone: (307) 777-7601
 Fax: (307) 777-3519

<http://nursing-online.state.wy.us/>
 Occupational Outlook Handbook:
 "Nursing Assistants and
 Orderlies"
[http://www.bls.gov/ooh/
 healthcare/nursing-assistants.htm](http://www.bls.gov/ooh/healthcare/nursing-assistants.htm)
 Last updated May 2019

| Work Activities | | |
|---------------------------------|---|--|
| 31-1014.00 - Nursing Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 85 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 84 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 82 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 81 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 75 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 75 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 74 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 72 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 70 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 69 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 68 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 67 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 67 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 63 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 62 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 60 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 59 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 59 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 57 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |

31-2011 Occupational Therapy Assistants

| | |
|---|-------|
| Assist occupational therapists in providing occupational therapy treatments and procedures. May, in accordance with State laws, assist in development of treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments. Generally requires formal training. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 150 |
| Mean Hourly Wage | 25.91 |
| Mean Annual Wage | 53876 |
| Educational Mean Hourly Wage | 27.21 |
| Educational Mean Annual Wage | 56589 |
| Health Care Employment | 130 |

| | |
|------------------------------|-------|
| Health Care Mean Hourly Wage | 25.66 |
| Health Care Mean Annual Wage | 53366 |
| Northwest Employment | 20 |
| Northwest Mean Hourly Wage | 26.35 |
| Northwest Mean Annual Wage | 54800 |
| Southwest Mean Hourly Wage | 20.93 |
| Southwest Mean Annual Wage | 43527 |

**Total Employment
150
Mean Annual Wage
\$53,876**

| | |
|---|-------|
| Northeast Mean Hourly Wage | 28.11 |
| Northeast Mean Annual Wage | 58475 |
| Casper MSA Mean Hourly Wage | 25.73 |
| Casper MSA Mean Annual Wage | 53527 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 80 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 580 |
| Colorado Percentage Growth | 5.2 |
| Colorado Annual Openings | 90 |
| Idaho 2018 Employment | 110 |
| Idaho Percentage Growth | 9.1 |
| Idaho Annual Openings | 20 |
| Nebraska 2018 Employment | 220 |
| Nebraska Percentage Growth | 4.5 |
| Nebraska Annual Openings | 40 |
| Utah 2018 Employment | 290 |
| Utah Percentage Growth | 3.4 |
| Utah Annual Openings | 40 |

OCCUPATIONAL THERAPY ASSISTANTS

SOC Code 31-2011

Entry Salary

\$22.96/hr

Average Salary

\$25.91/hr

Job Description

Occupational Therapy Assistants assist occupational therapists in providing occupational therapy treatments and procedures.

Requirements

1. Completed application and fee;
2. Provide NBCOT certification number so the Board may verify the applicants standing with the NBCOT; verification of all licenses held, active or inactive, in any healthcare professions; and verification of lawful presence in the United States.
3. Pass the Certification for Certified Occupational Therapy Assistant (COTA) as administered by the NBCOT or the current examination recognized by the board.
4. Each licensee must complete thirty-two (32) hours of continuing education every two years. These hours must be obtained during the thirty-six (36) months immediately preceding July 31 of every even year.

Restrictions

- Fraudulently obtaining a license.
- Unprofessional conduct.
- Conviction of a felony.
- Violating any provision of the Occupational Therapy Practice Act.

Schools Located in Wyoming

Casper College - Casper - Occupational Therapy Assistant Program (Associates)
<http://www.caspercollege.edu/occupational-therapy-assistant>

License

Occupational Therapy Assistants must be certified by the National Board for Certification in Occupational Therapy in order to be licensed by the Board of Occupational Therapy in Wyoming.

Examination

Examinations are administered by the National Board for Certification in Occupational Therapy.

Fees

License \$175.00
 Temporary license. \$25.00

Limited permit. \$25.00
 License renewal. \$60.00

Licensing Agency

Maxine Cordova
 Board of Occupational Therapy
 2001 Capitol Avenue, #105
 Cheyenne, WY 82002
 Phone: (307) 777-7764
 Fax: (307) 777-3314
<https://occupationaltherapy.wyo.gov/home>

Additional Sources of Information

The American Occupational Therapy Association Inc.
 4720 Montgomery Lane, Ste. 200
 Bethesda, MD 20814-3449
 Phone: (301) 652-6611
<http://www.aota.org/>
 Wyoming Occupational Therapy Association, Jacquelin Poole
 1695 N Mill Creek Rd
 Casper, WY 82604
 Phone: (307) 215-0884
<http://www.wyota.org/>
 National Board for Certification in Occupational Therapy, Inc.

31-2011 Occupational Therapy Assistants

(NBCOT)
 One Bank Streetm Ste 300
 Gaithersburg, MD 20877
 Phone: (301) 990-7979

<https://www.nbcot.org/>
 Occupational Outlook Handbook
 "Occupational Therapy Assistants
 and Aides"

<http://www.bls.gov/ooh/healthcare/occupational-therapy-assistants-and-aides.htm>
 Last updated May 2019

| Work Activities | | |
|--|---|---|
| 31-2011.00 - Occupational Therapy Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 86 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 82 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 82 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 80 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 75 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 75 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 74 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 71 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 70 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 70 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 69 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 65 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 65 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 64 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 64 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 63 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 63 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 63 | Developing and Building Teams | Encouraging and building mutual trust, respect, and cooperation among team members. |
| 62 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |

31-2021 Physical Therapist Assistants

| | |
|--|-------|
| Assist physical therapists in providing physical therapy treatments and procedures. May, in accordance with State laws, assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific treatments in accordance with patient status and within the scope of treatment plans established by a physical therapist. Generally requires formal training. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 140 |
| Mean Hourly Wage | 28.04 |
| Mean Annual Wage | 58335 |
| Health Care Employment | 140 |
| Health Care Mean Hourly Wage | 28.08 |
| Health Care Mean Annual Wage | 58410 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 27.79 |
| Northwest Mean Annual Wage | 57809 |
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 27.78 |
| Northeast Mean Annual Wage | 57787 |

| | |
|-------------------------------|-------|
| Central-SE Employment | 10 |
| Central-SE Mean Hourly Wage | 26.32 |
| Central-SE Mean Annual Wage | 54743 |
| Cheyenne MSA Employment | 40 |
| Cheyenne MSA Mean Hourly Wage | 27.83 |
| Cheyenne MSA Mean Annual Wage | 57866 |
| Casper MSA Employment | 20 |
| Casper MSA Mean Hourly Wage | 31.6 |
| Casper MSA Mean Annual Wage | 65739 |
| New Hires Survey | |
| New Hires est N | 62.7 |
| New Hires Median \$ | 13 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |

**Total Employment
140
Mean Annual Wage
\$58,335**

PHYSICAL THERAPY ASSISTANTS SOC Code 31-2021

Entry Salary

\$23.62/hr

Average Salary

\$28.04/year

Job Description

Physical therapist assistants assist physical therapists in providing physical therapy treatments and procedures. They may assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific treatments in accordance with patient status and within the scope of treatment plans established by a physical therapist.

Requirements

1. Proof of Lawful Presence in the United States;
2. An official transcript giving evidence of graduation from nationally accredited program

- approved by the Board;
3. Passing scores on the National Physical Therapy Examination (NPTE);
 4. Verification of license/certificate in good standing from all jurisdictions in which the applicant has been licensed or certified;
 5. A successfully completed state jurisprudence examination with a passing score of at least seventy-five (75) percent;
 6. Two (2) professional letters of recommendation attesting to the applicant's good moral character and professional abilities;
- Restrictions**
1. Conviction of a felony.
 2. Habitual use of alcohol or drugs.
 3. Failure to adhere to the Practice Act.

| | |
|---|------|
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 20-24 | 50 |
| New Hires 35-44 | 50 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 160 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 1260 |
| Colorado Percentage Growth | 5.6 |
| Colorado Annual Openings | 190 |
| Idaho 2018 Employment | 220 |
| Idaho Percentage Growth | 9.1 |
| Idaho Annual Openings | 40 |
| Montana 2018 Employment | 170 |
| Montana Percentage Growth | 5.9 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 760 |
| Nebraska Percentage Growth | 5.3 |
| Nebraska Annual Openings | 110 |
| South Dakota 2018 Employment | 230 |
| South Dakota Percentage Growth | 4.3 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 750 |
| Utah Percentage Growth | 6.7 |
| Utah Annual Openings | 120 |

4. Misconduct or negligent practice.
5. Mental incompetence.

Schools Located in Wyoming

Laramie County Community College - Cheyenne - Physical Therapist Assistant Program
<https://lccc.wy.edu/programs/physicalTherapistAssistant/>

Fees

Physical Therapist Assistant certification. \$190
 Annual renewal fee. \$50

Licensing Agency

Carla Fleming
 Wyoming Board of Physical

31-2021 Physical Therapist Assistants

Therapy

2001 Capitol Avenue, Room 105
Cheyenne, WY 82002

Phone: (307) 777-3507

Fax: (307) 777-5403

<http://physicaltherapy.wyo.gov/>

Additional Sources of Information

American Physical Therapy
Association

1111 North Fairfax Street
Alexandria, VA 22314-1488

Phone: (800) 999-2782

<http://www.apta.org/>

Federation of State Boards of
Physical Therapy

124 West Street South, Third Floor
Alexandria, VA 22314

Phone: (703) 299-3100

<http://www.fsbpt.org/>

Wyoming Physical Therapy
Association

1347 S. Wisconsin Avenue

Casper, WY 82609

<http://www.wypta.org/>

Occupational Outlook Handbook:
"Physical Therapist Assistants and
Aides"

<https://www.bls.gov/ooh/healthcare/physical-therapist-assistants-and-aides.htm>

Last updated May 2019

| Tasks | |
|--|---|
| 31-2021.00 - Physical Therapist Assistants | |
| Importance | Task |
| 94 | Instruct, motivate, safeguard, and assist patients as they practice exercises or functional activities. |
| 94 | Observe patients during treatments to compile and evaluate data on their responses and progress and provide results to physical therapist in person or through progress notes. |
| 90 | Confer with physical therapy staff or others to discuss and evaluate patient information for planning, modifying, or coordinating treatment. |
| 88 | Administer active or passive manual therapeutic exercises, therapeutic massage, aquatic physical therapy, or heat, light, sound, or electrical modality treatments, such as ultrasound. |
| 87 | Measure patients' range-of-joint motion, body parts, or vital signs to determine effects of treatments or for patient evaluations. |

| Related Occupations | |
|--|---|
| 31-2021.00 - Physical Therapist Assistants | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1093.00 | Social and Human Service Assistants |
| 25-1194.00 | Vocational Education Teachers, Postsecondary |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 29-1141.00 | Registered Nurses |
| 29-2053.00 | Psychiatric Technicians |
| 29-2054.00 | Respiratory Therapy Technicians |
| 29-2061.00 | Licensed Practical and Licensed Vocational Nurses |
| 29-9091.00 | Athletic Trainers |

| Work Activities | | |
|--|---|--|
| 31-2021.00 - Physical Therapist Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 87 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 84 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 76 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 73 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 73 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |

31-9092 Medical Assistants

Perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician.

OES (March 2018 Updated to March 2019 ECI)

| | |
|-------------------------------|-------|
| Total Employment | 660 |
| Mean Hourly Wage | 16.78 |
| Mean Annual Wage | 34912 |
| Health Care Employment | 650 |
| Health Care Mean Hourly Wage | 16.75 |
| Health Care Mean Annual Wage | 34840 |
| Northwest Employment | 60 |
| Northwest Mean Hourly Wage | 15.41 |
| Northwest Mean Annual Wage | 32042 |
| Southwest Employment | 140 |
| Southwest Mean Hourly Wage | 18.15 |
| Southwest Mean Annual Wage | 37764 |
| Northeast Employment | 80 |
| Northeast Mean Hourly Wage | 17.57 |
| Northeast Mean Annual Wage | 36528 |
| Central-SE Employment | 70 |
| Central-SE Mean Hourly Wage | 16.77 |
| Central-SE Mean Annual Wage | 34892 |
| Cheyenne MSA Employment | 200 |
| Cheyenne MSA Mean Hourly Wage | 16.42 |

| | |
|---|--------|
| Cheyenne MSA Mean Ann. Wage | 34163 |
| Casper MSA Employment | 120 |
| Casper MSA Mean Hourly Wage | 15.9 |
| Casper MSA Mean Annual Wage | 33087 |
| New Hires Survey | |
| New Hires est N | 585.45 |
| New Hires Median \$ | 15 |
| New Hires Health Insurance | 57.162 |
| New Hires Retirement Plan | 35.743 |
| New Hires Paid Time Off | 40.237 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 87.398 |
| New Hires Male | 12.602 |

**Total Employment
660
Mean Annual Wage
\$34,912**

| | |
|---|---------|
| New Hires <20 | 5.4 |
| New Hires 20-24 | 16.0641 |
| New Hires 25-34 | 34.021 |
| New Hires 35-44 | 16.926 |
| New hires 45-54 | 16.064 |
| New Hires 55-64 | 11.571 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 640 |
| Wyoming Percentage Growth | 1.6 |
| Wyoming Annual Openings | 80 |
| Colorado 2018 Employment | 10820 |
| Colorado Percentage Growth | 6.4 |
| Colorado Annual Openings | 1520 |
| Idaho 2018 Employment | 3240 |
| Idaho Percentage Growth | 7.7 |
| Idaho Annual Openings | 480 |
| Montana 2018 Employment | 1370 |
| Montana Percentage Growth | 5.8 |
| Montana Annual Openings | 190 |
| Nebraska 2018 Employment | 3280 |
| Nebraska Percentage Growth | 5.5 |
| Nebraska Annual Openings | 440 |
| South Dakota 2018 Employment | 1070 |
| South Dakota Percentage Growth | 4.7 |
| South Dakota Annual Openings | 140 |
| Utah 2018 Employment | 7680 |
| Utah Percentage Growth | 4.2 |
| Utah Annual Openings | 990 |

| Tasks | |
|---------------------------------|---|
| 31-9092.00 - Medical Assistants | |
| Importance | Task |
| 95 | Record patients' medical history, vital statistics, or information such as test results in medical records. |
| 94 | Prepare treatment rooms for patient examinations, keeping the rooms neat and clean. |
| 94 | Interview patients to obtain medical information and measure their vital signs, weight, and height. |
| 93 | Show patients to examination rooms and prepare them for the physician. |
| 91 | Prepare and administer medications as directed by a physician. |
| 90 | Collect blood, tissue, or other laboratory specimens, log the specimens, and prepare them for testing. |
| 90 | Authorize drug refills and provide prescription information to pharmacies. |
| 90 | Explain treatment procedures, medications, diets, or physicians' instructions to patients. |
| 89 | Clean and sterilize instruments and dispose of contaminated supplies. |
| 88 | Perform routine laboratory tests and sample analyses. |
| 88 | Perform general office duties, such as answering telephones, taking dictation, or completing insurance forms. |
| 87 | Greet and log in patients arriving at office or clinic. |

31-9092 Medical Assistants

| Detailed Work Activities |
|--|
| 31-9092.00 - Medical Assistants |
| Detailed Work Activity |
| Record vital statistics or other health information. |
| Assess physical conditions of patients to aid in diagnosis or treatment. |
| Clean patient rooms or patient treatment rooms. |
| Interview patients to gather medical information. |
| Prepare patient treatment areas for use. |
| Give medications or immunizations. |
| Collect biological specimens from patients. |
| Control prescription refills or authorizations. |
| Explain technical medical information to patients. |
| Clean medical equipment. |
| Dispose of biomedical waste in accordance with standards. |
| Process medical billing information. |
| Conduct diagnostic tests to determine patient health. |
| Perform clerical work in medical settings. |
| Schedule patient procedures or appointments. |
| Administer basic health care or medical treatments. |
| Assist practitioners to perform medical procedures. |
| Inventory medical supplies or equipment. |

| Related Occupations | |
|---------------------------------|---|
| 31-9092.00 - Medical Assistants | |
| O*NET-SOC Code | O*NET-SOC Title |
| 21-1093.00 | Social and Human Service Assistants |
| 29-1141.00 | Registered Nurses |
| 29-2052.00 | Pharmacy Technicians |
| 29-2053.00 | Psychiatric Technicians |
| 29-2061.00 | Licensed Practical and Licensed Vocational Nurses |
| 29-2099.01 | Neurodiagnostic Technologists |
| 31-2011.00 | Occupational Therapy Assistants |
| 31-2021.00 | Physical Therapist Assistants |
| 31-9091.00 | Dental Assistants |
| 31-9099.01 | Speech-Language Pathology Assistants |

| Work Activities | | |
|---------------------------------|---|--|
| 31-9092.00 - Medical Assistants | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 91 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 88 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 84 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 84 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, coworkers, and subordinates by telephone, in written form, e-mail, or in person. |
| 83 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 82 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 81 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 78 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 77 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 74 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 74 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 72 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 72 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 71 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 71 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 70 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |

33-3012 Correctional Officers and Jailers

| | |
|--|-------|
| Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point. Includes deputy sheriffs and police who spend the majority of their time guarding prisoners in correctional institutions. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 830 |
| Mean Hourly Wage | 20.98 |
| Mean Annual Wage | 43638 |
| Public Admin. Employment | 830 |
| Public Admin. Mean Hourly Wage | 20.98 |
| Public Admin. Mean Annual Wage | 43638 |
| Northwest Employment | 100 |
| Northwest Mean Hourly Wage | 20.2 |
| Northwest Mean Annual Wage | 42015 |
| Southwest Employment | 60 |
| Southwest Mean Hourly Wage | 27.1 |
| Southwest Mean Annual Wage | 56376 |
| Northeast Employment | 120 |
| Northeast Mean Hourly Wage | 22.53 |
| Northeast Mean Annual Wage | 46866 |
| Central-SE Employment | 450 |
| Central-SE Mean Hourly Wage | 19.06 |

| | |
|---|-------|
| Central-SE Mean Annual Wage | 39658 |
| New Hires Survey | |
| New Hires est N | 83.01 |
| New Hires Median \$ | 15.55 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 87.5 |
| New Hires Critical Thinking Important | 75 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 37.5 |
| New Hires Male | 62.5 |

**Total Employment
830
Mean Annual Wage
\$43,638**

| | |
|---|------|
| New Hires 20-24 | 25 |
| New Hires 25-34 | 25 |
| New Hires 35-44 | 25 |
| New hires 45-54 | 12.5 |
| New Hires 55-64 | 12.5 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 910 |
| Wyoming Percentage Growth | -3.3 |
| Wyoming Annual Openings | 60 |
| Idaho 2018 Employment | 1690 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 140 |
| Montana 2018 Employment | 1070 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 80 |
| Nebraska 2018 Employment | 2480 |
| Nebraska Percentage Growth | -1.6 |
| Nebraska Annual Openings | 180 |
| South Dakota 2018 Employment | 1490 |
| South Dakota Percentage Growth | 1.3 |
| South Dakota Annual Openings | 130 |
| Utah 2018 Employment | 2020 |
| Utah Percentage Growth | -2.5 |
| Utah Annual Openings | 130 |

CORRECTIONAL OFFICERS AND JAILERS

SOC Code 33-3012

Entry Salary

\$16.88/hr

Average Salary

\$20.98/hr

Job Description

Correctional Officers are employed by the Wyoming Department of Corrections on a full-time basis to care for, supervise and maintain custody of persons confined in Wyoming Department of Corrections Institutions.

Requirements

1. Must be a United States citizen.
2. Be an adult.
3. Be of good moral character.
4. Hold a high school diploma or equivalent.

5. Submit to a background check.
6. Successfully pass an oral interview by the hiring agency.
7. Have completed a Commission approved correctional officer basic training program
8. Be free of any physical, emotional or mental conditions which might adversely affect the applicants performance as a Correctional or Detention Officer.

Restrictions

Conviction of a felony.

School Located in Wyoming

Training for Correctional Officers is provided by the Wyoming Department of Corrections in Rawlins, WY.

License

Correctional Officers in Wyoming are licensed by the Wyoming POST Commission.

Examination

For applicants who complete the POST certified Basic courses, testing is a part of the curriculum before they can successfully complete Basic and become certified. For applicants who were trained and certified in other states, they may challenge Wyoming Basic by taking a written exam administered by POST, as well as meeting other requirements.

Fees

None.

Licensing Agency

Wyoming Peace Officer Standards & Training Commission
Chris Walsh (Certification questions);
Russell Clark (Training questions)
1556 Riverbend Drive
Douglas, WY 82633
Phone: (307) 358-8213

33-3012 Correctional Officers and Jailers

Fax: (307) 763-89706

<http://ag.wyo.gov/post-home-page>

Additional Sources of Information

Wyoming Department of Corrections

1934 Wyatt Dr., Ste. 100

Cheyenne, WY 82002

Phone: (307) 777-7208

<http://corrections.wy.gov/>

Occupational Outlook Handbook:

“Correctional Officers”

<http://www.bls.gov/ooh/protective-service/correctional-officers.htm>

protective-service/correctional-officers.htm

Last updated June 2019

| Detailed Work Activities |
|---|
| 33-3012.00 - Correctional Officers and Jailers |
| |
| Detailed Work Activity |
| Count prison inmates or personnel. |
| Inspect equipment to ensure safety or proper functioning. |
| Maintain surveillance of individuals or establishments. |
| Locate suspicious objects or vehicles. |
| Search individuals for illegal or dangerous items. |

| Tasks | |
|--|---|
| 33-3012.00 - Correctional Officers and Jailers | |
| Importance | Task |
| 98 | Conduct head counts to ensure that each prisoner is present. |
| 95 | Inspect conditions of locks, window bars, grills, doors, and gates at correctional facilities to ensure security and help prevent escapes. |
| 95 | Monitor conduct of prisoners in housing unit, or during work or recreational activities, according to established policies, regulations, and procedures, to prevent escape or violence. |
| 94 | Search prisoners and vehicles and conduct shakedowns of cells for valuables and contraband, such as weapons or drugs. |
| 92 | Maintain records of prisoners' identification and charges. |
| 92 | Record information, such as prisoner identification, charges, and incidences of inmate disturbance, and keep daily logs of prisoner activities. |
| 90 | Guard facility entrances to screen visitors. |
| 89 | Use weapons, handcuffs, and physical force to maintain discipline and order among prisoners. |
| 87 | Take prisoners into custody and escort to locations within and outside of facility, such as visiting room, courtroom, or airport. |
| 86 | Settle disputes between inmates. |
| 86 | Conduct fire, safety, and sanitation inspections. |
| 86 | Serve meals, distribute commissary items, and dispense prescribed medication to prisoners. |
| 83 | Provide to supervisors oral and written reports of the quality and quantity of work performed by inmates, inmate disturbances and rule violations, and unusual occurrences. |
| 80 | Use nondisciplinary tools and equipment, such as a computer. |
| 80 | Participate in required job training. |
| 77 | Counsel inmates and respond to legitimate questions, concerns, and requests. |
| 77 | Issue clothing, tools, and other authorized items to inmates. |

| Work Activities | | |
|--|---|---|
| 33-3012.00 - Correctional Officers and Jailers | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 81 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 79 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 76 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 76 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 69 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |

33-3051 Police and Sheriff's Patrol Officers

| | |
|---|-------|
| Maintain order and protect life and property by enforcing local, tribal, State, or Federal laws and ordinances. Perform a combination of the following duties: patrol a specific area; direct traffic; issue traffic summonses; investigate accidents; apprehend and arrest suspects, or serve legal processes of courts. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1130 |
| Mean Hourly Wage | 27.32 |
| Mean Annual Wage | 56818 |
| Public Admin. Employment | 1120 |
| Public Admin. Mean Hourly Wage | 27.37 |
| Public Admin. Mean Annual Wage | 56940 |
| Northwest Employment | 160 |
| Northwest Mean Hourly Wage | 22.84 |
| Northwest Mean Annual Wage | 47505 |
| Southwest Employment | 240 |
| Southwest Mean Hourly Wage | 28.15 |
| Southwest Mean Annual Wage | 58538 |
| Northeast Employment | 200 |
| Northeast Mean Hourly Wage | 28.32 |

| | |
|-----------------------------|--------|
| Northeast Mean Annual Wage | 58910 |
| Central-SE Employment | 210 |
| Central-SE Mean Hourly Wage | 25.91 |
| Central-SE Mean Annual Wage | 53878 |
| New Hires Survey | |
| New Hires est N | 342.41 |
| New Hires Median \$ | 20.45 |
| New Hires Health Insurance | 87.879 |
| New Hires Retirement Plan | 81.818 |

| |
|---|
| <p>Total Employment 1,130 Mean Annual Wage \$56,818</p> |
|---|

| | |
|---|---------|
| New Hires Paid Time Off | 87.879 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 18.182 |
| New Hires Male | 81.818 |
| New Hires 20-24 | 27.2727 |
| New Hires 25-34 | 51.515 |
| New Hires 35-44 | 12.121 |
| New hires 45-54 | 9.091 |

| | |
|---|-------|
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1160 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 80 |
| Colorado 2018 Employment | 10350 |
| Colorado Percentage Growth | 3.2 |
| Colorado Annual Openings | 830 |
| Idaho 2018 Employment | 2140 |
| Idaho Percentage Growth | 2.8 |
| Idaho Annual Openings | 160 |
| Montana 2018 Employment | 1630 |
| Montana Percentage Growth | 1.2 |
| Montana Annual Openings | 120 |
| Nebraska 2018 Employment | 3070 |
| Nebraska Percentage Growth | 1 |
| Nebraska Annual Openings | 210 |
| South Dakota 2018 Employment | 1980 |
| South Dakota Percentage Growth | 1.5 |
| South Dakota Annual Openings | 140 |
| Utah 2018 Employment | 4420 |
| Utah Percentage Growth | 2.5 |
| Utah Annual Openings | 340 |

POLICE AND SHERIFFS PATROL OFFICERS

SOC Code 33-3051

Entry Salary

\$22.96/hr

Average Salary

\$27.32/hr

Job Description

Law Enforcement Officers are responsible for enforcing laws and maintaining order. Their principal duties are to protect life and property, prevent crimes, investigate complaints and crimes, apprehend and arrest violators, and assist in their prosecution.

Requirements

1. Must be a United States citizen.
2. Be an adult.
3. Must be a high school graduate or equivalent.
4. Must be free of physical, medical and emotional problems which might adversely affect the

applicants performance as a peace officer.

5. Must successfully pass an oral interview.

6. Must pass a background investigation.

7. Must complete a Commission approved peace officer basic training program. In Wyoming, basic training is provided by the Wyoming Law Enforcement Academy (<http://www.wleacademy.com/>).

8. Renewal of certification is subject to satisfactory completion of advanced certification training requirements (see Chapter 3: Certification, Employment and Training Standards for Peace Officers for more information: <http://ag.wyo.gov/post-home-page/post-table-of-contents>).

Restrictions

Candidates may not have been convicted of any felony.

School Located in Wyoming

Training in Wyoming is provided through the Wyoming Law Enforcement Academy (WLEA; <https://www.wleacademy.com/>).

License

The Wyoming POST Commission issues certificates upon successful completion of training requirements.

33-3051 Police and Sheriff's Patrol Officers

Examination

Testing is conducted as part of training at the WLEA.

Fees

None.

Licensing Agency

Chris Walsh (Certification

questions)

Russell Clark (Training questions)

1556 Russell Drive

Douglas, WY 82633

Phone: (307) 358-8213

Fax: (307) 638-9706

<http://ag.wyo.gov/post-home-page>

Additional Sources of Information

Occupational Outlook Handbook:

"Police and Detectives" [http://](http://www.bls.gov/ooh/protective-service/police-and-detectives.htm)

[www.bls.gov/ooh/protective-](http://www.bls.gov/ooh/protective-service/police-and-detectives.htm)

[service/police-and-detectives.htm](http://www.bls.gov/ooh/protective-service/police-and-detectives.htm)

Last updated June 2019

| Tasks | |
|--|---|
| 33-3051.01 - Police Patrol Officers | |
| Importance | Task |
| 92 | Identify, pursue, and arrest suspects and perpetrators of criminal acts. |
| 92 | Provide for public safety by maintaining order, responding to emergencies, protecting people and property, enforcing motor vehicle and criminal laws, and promoting good community relations. |
| 88 | Record facts to prepare reports that document incidents and activities. |
| 87 | Render aid to accident victims and other persons requiring first aid for physical injuries. |
| 86 | Review facts of incidents to determine if criminal act or statute violations were involved. |
| 85 | Monitor, note, report, and investigate suspicious persons and situations, safety hazards, and unusual or illegal activity in patrol area. |
| 84 | Testify in court to present evidence or act as witness in traffic and criminal cases. |
| 83 | Relay complaint and emergency-request information to appropriate agency dispatchers. |
| 83 | Monitor traffic to ensure motorists observe traffic regulations and exhibit safe driving procedures. |
| 81 | Photograph or draw diagrams of crime or accident scenes and interview principals and eyewitnesses. |
| 81 | Evaluate complaint and emergency-request information to determine response requirements. |
| 80 | Patrol specific area on foot, horseback, or motorized conveyance, responding promptly to calls for assistance. |

| Work Activities | | |
|--|--|---|
| 33-3051.01 - Police Patrol Officers | | |
| Importance | Work Activity | Work Activity Description |
| 97 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 93 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 92 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 90 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 90 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 89 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 89 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 86 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 83 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |

33-9011 Animal Control Workers

| | |
|--|-------|
| Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 19.02 |
| Mean Annual Wage | 39558 |
| Public Admin. Employment | 50 |
| Public Admin. Mean Hourly Wage | 19.17 |
| Public Admin. Mean Annual Wage | 39860 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 18.94 |
| Southwest Mean Annual Wage | 39382 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 60 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |

| | |
|----------------------------|-----|
| Colorado 2018 Employment | 330 |
| Colorado Percentage Growth | 3 |
| Colorado Annual Openings | 40 |
| Idaho 2018 Employment | 50 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 10 |
| Montana 2018 Employment | 60 |

| |
|--|
| <p>Total Employment 60 Mean Annual Wage \$39,558</p> |
|--|

| | |
|--------------------------------|-----|
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 20 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 0 |
| South Dakota 2018 Employment | 60 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 180 |
| Utah Percentage Growth | 5.6 |
| Utah Annual Openings | 20 |

ANIMAL CONTROL WORKERS

SOC Code 33-9011

Entry Salary

\$16.95/hr

Average Salary

\$19.02/hr

Job Description

Provide a humane death for animals that are unwanted, sick, injured or dangerous.

Requirements

- 1.Criminal background check.
- 2.Must be employed or sponsored by a law enforcement agency.
- 3.Complete an animal euthanasia training and testing program.
- 4.Must register with the Wyoming Board of Pharmacy to purchase, possess, and administer euthanizing drugs.
- 5.Training must be completed within two years of the application date.

Restrictions

Conviction of a felony or any criminal violation relating to cruelty

to animals or animal neglect.

Training

There are no schools located in Wyoming, however, a licensed veterinarian may train Animal Euthanasia Technicians. If a veterinarian provides the training, they need to provide a Certificate of Completion and sign an Affidavit of Training that the Animal Euthanasia Technician has completed the necessary training. Other training approved for use by application for certification: National Animal Control Association Euthanasia Training Course -

<https://www.nacanet.org/nacho-training-academy/>

The Humane Society of the United States Euthanasia Training, hands on course: <https://www.animalsheltering.org/trainings/filter>

American Humane Association Euthanasia Training - <http://www.americanhumane.org/animals/professional-resources/>

License

Animal Euthanasia Technicians are certified by the Wyoming Animal Euthanasia Technicians Certification Board.

Examination

No examination is required. A certificate of training completion must be submitted to the Board.

Fees

Application. \$100.00
Annual renewal. \$50.00

Licensing Agency

Carla Fleming
Wyoming Board of Veterinary Medicine
2001 Capitol Avenue, Room 105
Cheyenne, WY 82002
Phone: (307) 777-5403
Fax: (307) 777-3508
<http://plboards.state.wy.us/vetboard>

Additional Sources of Information

National Animal Control Association
40960 California Oaks Rd. #242
Murrieta, CA 92562
Phone: (913) 768-1319
<http://nacanet.org/>
The Humane Society of the United States
1255 23rd Street, NW

33-9011 Animal Control Workers

Ste 450

Washington, D.C. 20037

Phone: (202) 452-1100 or (866)

720-2676

<http://www.humanesociety.org/>

American Humane Association

1400 16th Street NW, Suite 360

Washington, DC 20036

Phone: (800) 227-4645

<http://americanhumane.org/>

Last updated June 2019

| Related Occupations | |
|--|--|
| 33-9011.00 - Animal Control Workers | |
| | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1041.02 | Licensing Examiners and Inspectors |
| 31-2012.00 | Occupational Therapy Aides |
| 33-3012.00 | Correctional Officers and Jailers |
| 33-3021.02 | Police Identification and Records Officers |

| Detailed Work Activities |
|--|
| 33-9011.00 - Animal Control Workers |
| |
| Detailed Work Activity |
| Examine crime scenes to obtain evidence. |
| Interview people to gather information about criminal activities. |
| Investigate illegal or suspicious activities. |
| Provide care for animals. |
| Use weapons or physical force to maintain security. |
| Maintain operational records. |
| Write operational reports. |
| Check physical condition of people or animals. |
| Testify at legal or legislative proceedings. |
| Issue warnings or citations. |
| Inform the public about policies, services or procedures. |
| Collaborate with law enforcement or security agencies to respond to incidents. |
| Examine personal documentation to ensure that it is valid. |
| Inspect facilities to ensure compliance with security or safety regulations. |

| Work Activities | | |
|--|---|---|
| 33-9011.00 - Animal Control Workers | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 83 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 82 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 81 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 80 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 80 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 80 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 77 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 75 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 74 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 72 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 68 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 67 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 67 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 67 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 66 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 65 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation

Mix or apply pesticides, herbicides, fungicides, or insecticides through sprays, dusts, vapors, soil incorporation or chemical application on trees, shrubs, lawns, or botanical crops. Usually requires specific training and State or Federal certification.

OES (March 2018 Updated to March 2019 ECI)

| | |
|--------------------------------|-------|
| Total Employment | 260 |
| Mean Hourly Wage | 19.1 |
| Mean Annual Wage | 39740 |
| Public Admin. Employment | 200 |
| Public Admin. Mean Hourly Wage | 19.32 |
| Public Admin. Mean Annual Wage | 40185 |
| Northwest Mean Hourly Wage | 20.9 |
| Northwest Mean Annual Wage | 43465 |
| Southwest Employment | 20 |
| Southwest Mean Hourly Wage | 27.11 |
| Southwest Mean Annual Wage | 56392 |
| Northeast Employment | 70 |
| Northeast Mean Hourly Wage | 17.79 |
| Northeast Mean Annual Wage | 37002 |
| Central-SE Employment | 90 |
| Central-SE Mean Hourly Wage | 18.48 |
| Central-SE Mean Annual Wage | 38446 |

| New Hires Survey | |
|---|--------|
| New Hires est N | 953.54 |
| New Hires Median \$ | 12 |
| New Hires Health Insurance | 3.691 |
| New Hires Retirement Plan | 3.691 |
| New Hires Paid Time Off | 20.265 |
| New Hires Service Orientation Important | 33.932 |
| New Hires Critical Thinking Important | 54.639 |
| New Hires Reading Comprehension | 49.24 |
| New Hires Female | 24.704 |
| New Hires Male | 69.988 |
| New Hires Sex Unknown | 5.3 |
| New Hires <20 | 25 |

**Total Employment
260
Mean Annual Wage
\$39,740**

| New Hires 20-24 | 24.7069 |
|----------------------------------|---------|
| New Hires 25-34 | 22.252 |
| New Hires 35-44 | 7.812 |
| New hires 45-54 | 7.372 |
| New Hires 55-64 | 6.065 |
| New Hires 65+ | 1.5 |
| New Hires Age Unknown | 5.3 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 280 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 40 |
| Idaho 2018 Employment | 220 |
| Idaho Percentage Growth | 4.5 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 670 |
| Montana Percentage Growth | 3 |
| Montana Annual Openings | 90 |
| Nebraska 2018 Employment | 640 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 80 |
| South Dakota 2018 Employment | 710 |
| South Dakota Percentage Growth | 2.8 |
| South Dakota Annual Openings | 90 |
| Utah 2018 Employment | 400 |
| Utah Percentage Growth | 5 |
| Utah Annual Openings | 60 |

**PESTICIDE HANDLERS, SPRAYERS, AND APPLICATORS, VEGETATION
SOC Code 37-3012**

Entry Salary

\$13.69/hr

Average Salary

\$19.10/hr

Job Description

Commercial Pesticide Applicators use or supervise the use of any pesticide (including those classified as restricted-use or highly toxic) when applied for contract or hire.

Requirements

1. At least 18 years of age.
2. Must pass written exams given by Department of Agriculture.
3. Written exam must be passed by at least 70%.
4. In the event that applicant fails to pass the examination in first

two tries, classes are required before a third attempt.

5. Must attend classes for recertification.
6. Certification may be reciprocated from another state.

School Located in Wyoming
Education is available through agriculture cooperative extension offices throughout the State.
For a complete list of extension offices, go to <http://agriculture.wy.gov/online-training/236#commercial>

License

Commercial Pesticide Applicators in Wyoming must be certified by the Wyoming Department of

Agriculture to apply pesticides as part of a business activity.

Examination

Testing is available through agriculture cooperative extension offices throughout the State. For a complete list of extension offices, go to <http://agriculture.wy.gov/component/content/article/51-training-technical-services/234-training-locations>

Fees (commercial applicators only)

- License. \$25.00
- Renewal. \$25.00
- Aircraft applicators. \$25.00 per aircraft

Licensing Agency

Scott McDonald
Fuel Quality, Pesticide Licensing

37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation

and RST Program Coordinator
Wyoming Department of
Agriculture
2219 Carey Ave.
Cheyenne, WY 82002

Phone: (307) 777-3502
<http://agriculture.wy.gov/boa>
**Additional Sources of
Information**
Occupational Outlook Handbook:

“Grounds Maintenance Workers”
<http://www.bls.gov/ooh/building-and-grounds-cleaning/grounds-maintenance-workers.htm>
Last Updated June 2019

| Work Activities | | |
|--|---|---|
| 37-3012.00 - Pesticide Handlers, Sprayers, and Applicators, Vegetation | | |
| Importance | Work Activity | Work Activity Description |
| 83 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 80 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 77 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 76 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 75 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 75 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 75 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 74 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 72 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 69 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 67 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 66 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 65 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 64 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 63 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 62 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 62 | Repairing and Maintaining Mechanical Equipment | Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles. |
| 62 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 60 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 58 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |

39-4031 Morticians, Undertakers, and Funeral Directors

| | |
|---|-------|
| Perform various tasks to arrange and direct funeral services, such as coordinating transportation of body to mortuary, interviewing family or other authorized person to arrange details, selecting pallbearers, aiding with the selection of officials for religious rites, and providing transportation for mourners. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 30.41 |
| Mean Annual Wage | 63251 |
| Other Services Employment | 60 |
| Other Services Mean Hourly Wage | 30.41 |
| Other Services Mean Annual Wage | 63251 |
| Southwest Employment | 10 |
| Southwest Mean Hourly Wage | 28.16 |
| Southwest Mean Annual Wage | 58563 |
| Northeast Employment | 20 |

| | |
|---|-------|
| Northeast Mean Hourly Wage | 32.52 |
| Northeast Mean Annual Wage | 67637 |
| New Hires Survey | |
| New Hires est N | 25.07 |
| New Hires Median \$ | 21.75 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |

**Total Employment
60
Mean Annual Wage
\$63,251**

MORTICIANS, UNDERTAKERS, AND FUNERAL DIRECTORS SOC Code 39-4031

Entry Salary

\$20.55/hour

Average Salary

\$30.41/hour

EMBALMERS

SOC Code 39-4011

Entry Salary

N/A

Average Salary

N/A

Requirements

1. A completed and notarized application
2. Proof of legal presence in the United States.
3. Letters of recommendation. One letter must be from an actively licensed funeral service practitioner in good standing with the state licensing board and two must be from professional references.
4. Official college transcript
5. Official embalming or mortuary school certificate
6. Official score report from

the International Conference of Funeral Service Examining Boards

7. Completed oral exam with a pass score of at least 75%.

8. Completed apprentice report stating applicant has assisted in embalming at least 25 bodies or assisted in arranging or conducting at least 25 funeral services.

9. Verification of all licenses the applicant holds or has held in the past.

Restrictions

Conviction of a crime.
Fraud.

School Located in Wyoming

There are no mortuary science schools in Wyoming.

License

Funeral service providers must obtain their licenses from the Wyoming Board of Funeral Service Providers.

Examination

| | |
|---|-------|
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |
| New Hires 35-44 | 50 |
| New Hires 55-64 | 50 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 60 |
| Wyoming Percentage Growth | -16.7 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 280 |
| Colorado Percentage Growth | 3.6 |
| Colorado Annual Openings | 40 |
| Idaho 2018 Employment | 150 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 70 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 10 |
| Nebraska 2018 Employment | 320 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 40 |
| South Dakota 2018 Employment | 160 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 220 |
| Utah Percentage Growth | 4.5 |
| Utah Annual Openings | 30 |

For information about examinations from the International Conference of Funeral Service Examining Boards, visit <https://theconferenceonline.org/>

Fees

Funeral Service Practitioner License. \$125.00
Apprentice Funeral Service Practitioner License. \$75.00
Annual Non-resident Permit. \$400.00
Occasional Non-resident Permit. \$200.00
Funeral Service Provider Annual Renewal \$125.00
Apprentice Funeral Service

39-4031 Morticians, Undertakers, and Funeral Directors

Provider Renewal. \$75.00

Licensing Agency

Carla Fleming

Wyoming Board of Embalming

2001 Capitol Avenue, Room 105

Cheyenne, WY 82002

Phone: (307) 777-3503

Fax: (307) 777-3508

<http://fspboard.wyo.gov/>

Additional Sources of Information

Selected Independent Funeral Homes

500 Lake Cook Rd, Ste 205

Deerfield, IL 60015

Phone: (800) 323-4219

<http://www.selectedfuneralhomes.org/>

Occupational Outlook Handbook:

“Funeral Service Workers”

[https://www.bls.gov/ooh/](https://www.bls.gov/ooh/personal-care-and-service/funeral-service-occupations.htm)

[personal-care-and-service/](https://www.bls.gov/ooh/personal-care-and-service/funeral-service-occupations.htm)

[funeral-service-occupations.htm](https://www.bls.gov/ooh/personal-care-and-service/funeral-service-occupations.htm)

Last Update: June 2019

| Tasks | |
|--|--|
| 39-4031.00 - Morticians, Undertakers, and Funeral Directors | |
| Importance | Task |
| 94 | Obtain information needed to complete legal documents, such as death certificates or burial permits. |
| 90 | Consult with families or friends of the deceased to arrange funeral details, such as obituary notice wording, casket selection, or plans for services. |
| 90 | Perform embalming duties, as necessary. |
| 89 | Oversee the preparation and care of the remains of people who have died. |
| 88 | Contact cemeteries to schedule the opening and closing of graves. |
| 88 | Remove deceased remains from place of death. |
| 86 | Arrange for clergy members to perform needed services. |
| 86 | Provide information on funeral service options, products, or merchandise, and maintain a casket display area. |

| Work Activities | | |
|---|---|---|
| 39-4031.00 - Morticians, Undertakers, and Funeral Directors | | |
| Importance | Work Activity | Work Activity Description |
| 95 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 93 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 92 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 90 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 88 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 84 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 82 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 81 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 78 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 77 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 77 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 76 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 75 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 74 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 74 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 74 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |

39-5012 Hairdressers, Hairstylists, and Cosmetologists

| | |
|---|-------|
| Provide beauty services, such as shampooing, cutting, coloring, and styling hair, and massaging and treating scalp. May also apply makeup, dress wigs, perform hair removal, and provide nail and skin care services. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 440 |
| Mean Hourly Wage | 14.88 |
| Mean Annual Wage | 30966 |
| Other Services Employment | 430 |
| Other Services Mean Hourly Wage | 14.9 |
| Other Services Mean Annual Wage | 31001 |
| Northwest Employment | 50 |
| Northwest Mean Hourly Wage | 14.05 |
| Northwest Mean Annual Wage | 29221 |
| Southwest Employment | 110 |
| Southwest Mean Hourly Wage | 15.15 |
| Southwest Mean Annual Wage | 31507 |
| Northeast Employment | 90 |
| Northeast Mean Hourly Wage | 11.27 |
| Northeast Mean Annual Wage | 23435 |
| Central-SE Employment | 50 |
| Central-SE Mean Hourly Wage | 14.44 |

| | |
|---|-------|
| Central-SE Mean Annual Wage | 30030 |
| Cheyenne MSA Employment | 90 |
| Cheyenne MSA Mean Hourly Wage | 15.69 |
| Cheyenne MSA Mean Ann. Wage | 32641 |
| Casper MSA Employment | 50 |
| Casper MSA Mean Hourly Wage | 20.08 |
| Casper MSA Mean Annual Wage | 41778 |
| New Hires Survey | |
| New Hires est N | 308.6 |
| New Hires Median \$ | 9 |
| New Hires Health Insurance | 16.25 |
| New Hires Retirement Plan | 16.25 |
| New Hires Paid Time Off | 16.25 |
| New Hires Service Orientation Important | 100 |

**Total Employment
440
Mean Annual Wage
\$30,966**

HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS

SOC Code 39-5012

Entry Salary

\$11.37/hr

Average Salary

\$14.88/hr

Job Description

Performs services for others for the improvement and beautification of the hair, skin and nails of the human body.

Requirements

1. Must be at least 16 years of age.
2. Must have at least a 10th grade education.
3. Must complete 2,000 hours training in a licensed school.
4. Pass a written and practical examination.

School Located in Wyoming

There are numerous beauty

schools located throughout Wyoming. Contact the Wyoming Board of Cosmetology for a listing of licensed schools.

License

A license is issued by the Wyoming Board of Cosmetology after meeting the requirements of the state.

Examination

The examination is administered by the Wyoming Board of Cosmetology.

Fees

Examination Fee \$100.00
License \$48.00
Biennial Renewal \$96.00

Licensing Agency

Sharon Bennett
Wyoming Board of Cosmetology
2515 Warren Ave., Ste. 302
Cheyenne, WY 82002

| | |
|---|---------|
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 71.563 |
| New Hires Female | 84.27 |
| New Hires Male | 15.73 |
| New Hires 20-24 | 31.9792 |
| New Hires 25-34 | 40.104 |
| New Hires 35-44 | 8.125 |
| New Hires 45-54 | 4.062 |
| New Hires 55-64 | 15.73 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 780 |
| Wyoming Percentage Growth | -1.3 |
| Wyoming Annual Openings | 90 |
| Colorado 2018 Employment | 14140 |
| Colorado Percentage Growth | 5.4 |
| Colorado Annual Openings | 2070 |
| Idaho 2018 Employment | 1770 |
| Idaho Percentage Growth | 6.8 |
| Idaho Annual Openings | 270 |
| Montana 2018 Employment | 850 |
| Montana Percentage Growth | 3.5 |
| Montana Annual Openings | 110 |
| Nebraska 2018 Employment | 4080 |
| Nebraska Percentage Growth | 1 |
| Nebraska Annual Openings | 500 |
| South Dakota 2018 Employment | 1610 |
| South Dakota Percentage Growth | 1.2 |
| South Dakota Annual Openings | 200 |
| Utah 2018 Employment | 5340 |
| Utah Percentage Growth | 4.7 |
| Utah Annual Openings | 760 |

Phone: (307) 777-3534

Fax: (307) 777-3681

<http://cosmetology.wy.gov>

Additional Sources of Information

Occupational Outlook Handbook: "Barbers, Hairdressers, and Cosmetologists"

<http://www.bls.gov/ooh/personal-care-and-service/barbers-hairdressers-and-cosmetologists.htm>

Last updated July 2019

39-5012 Hairdressers, Hairstylists, and Cosmetologists

| Tasks | |
|---|--|
| 39-5012.00 - Hairdressers, Hairstylists, and Cosmetologists | |
| Importance | Task |
| 91 | Keep work stations clean and sanitize tools, such as scissors and combs. |
| 90 | Bleach, dye, or tint hair, using applicator or brush. |
| 87 | Cut, trim and shape hair or hairpieces, based on customers' instructions, hair type, and facial features, using clippers, scissors, trimmers and razors. |
| 87 | Schedule client appointments. |
| 86 | Update and maintain customer information records, such as beauty services provided. |
| 86 | Demonstrate and sell hair care products and cosmetics. |
| 85 | Analyze patrons' hair and other physical features to determine and recommend beauty treatment or suggest hair styles. |
| 84 | Shampoo, rinse, condition, and dry hair and scalp or hairpieces with water, liquid soap, or other solutions. |
| 83 | Operate cash registers to receive payments from patrons. |
| 80 | Order, display, and maintain supplies. |
| 79 | Comb, brush, and spray hair or wigs to set style. |
| 78 | Develop new styles and techniques. |
| 78 | Apply water or setting, straightening or waving solutions to hair, and use curlers, rollers, hot combs and curling irons to press and curl hair. |
| 72 | Shape eyebrows and remove facial hair, using depilatory cream, tweezers, electrolysis or wax. |
| 68 | Shave, trim, and shape beards and moustaches. |

| Work Activities | | |
|---|--|---|
| 39-5012.00 - Hairdressers, Hairstylists, and Cosmetologists | | |
| Importance | Work Activity | Work Activity Description |
| 82 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 75 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 75 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 73 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 71 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 70 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 66 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 65 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 64 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 64 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 64 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 63 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |

39-5092 Manicurists and Pedicurists

| | |
|--|-------|
| Clean and shape customers' fingernails and toenails. May polish or decorate nails. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 60 |
| Mean Hourly Wage | 10.96 |
| Mean Annual Wage | 22809 |
| Other Services Employment | 60 |
| Other Services Mean Hourly Wage | 11.03 |
| Other Services Mean Annual Wage | 22940 |

MANICURISTS AND PEDICURISTS

SOC Code 39-5092

Entry Salary

\$9.32/hr

Average Salary

\$10.96/hr

Job Description

Cleans, shapes, and beautifies fingernails and toenails.

Requirements

1. Must be at least 16 years of age.
2. Must have at least a 10th grade education.
3. Must complete 400 hours training in a licensed school.
4. Pass a written and practical exam.

Restrictions

None.

School Located in Wyoming

There are numerous beauty schools located throughout

| | |
|---|-------|
| Casper MSA Mean Hourly Wage | 11.7 |
| Casper MSA Mean Annual Wage | 24336 |
| Short Term Projections 2018-2020 | |
| Idaho 2018 Employment | 110 |
| Idaho Percentage Growth | 9.1 |

| |
|--|
| <p>Total Employment 60 Mean Annual Wage \$22,809</p> |
|--|

Wyoming. Contact the Wyoming Board of Cosmetology for a listing of licensed schools.

License

A license is issued by the Wyoming Board of Cosmetology after meeting the requirements of the state.

Examination

The examination is administered by the Wyoming Board of Cosmetology.

Fees

Examination Fee \$100.00
License. \$48.00

| | |
|--------------------------------|-----|
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 180 |
| Montana Percentage Growth | 5.6 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 120 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 20 |
| South Dakota 2018 Employment | 100 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 670 |
| Utah Percentage Growth | 3 |
| Utah Annual Openings | 90 |

Biennial Renewal. \$96.00

Licensing Agency

Sharon Bennett

Wyoming Board of Cosmetology
2515 Warren Ave., Ste. 302
Cheyenne, WY 82002

Phone: (307) 777-3534

Fax: (307) 777-3681

<http://cosmetology.wyo.gov/>

Additional Sources of Information

Occupational Outlook Handbook:
"Manicurists and Pedicurists"

<http://www.bls.gov/ooh/personal-care-and-service/manicurists-and-pedicurists.htm>

Last updated June 2019

| Tasks | |
|--|--|
| 39-5092.00 - Manicurists and Pedicurists | |
| Importance | Task |
| 94 | Clean and sanitize tools and work environment. |
| 91 | Apply undercoat and clear or colored polish onto nails with brush. |
| 90 | Maintain supply inventories and records of client services. |
| 89 | Shape and smooth ends of nails, using scissors, files, or emery boards. |
| 88 | Prepare nail cuticles with water and oil, using cuticle knives to push back cuticles and scissors or nippers to trim cuticles. |
| 86 | Prepare customers' nails in soapy water, using swabs, files, and orange sticks. |
| 85 | Remove previously applied nail polish, using liquid remover and swabs. |
| 83 | Use rotary abrasive wheels to shape and smooth nails or artificial extensions. |
| 82 | Schedule client appointments and accept payments. |
| 81 | Assess the condition of clients' hands, remove dead skin, and massage hands. |
| 80 | Roughen surfaces of fingernails, using abrasive wheel. |

39-5092 Manicurists and Pedicurists

| Related Occupations | |
|---|---|
| 39-5092.00 - Manicurists and Pedicurists | |
| | |
| O*NET-SOC Code | O*NET-SOC Title |
| 31-9011.00 | Massage Therapists |
| 39-3011.00 | Gaming Dealers |
| 39-3093.00 | Locker Room, Coatroom, and Dressing Room Attendants |
| 39-5011.00 | Barbers |
| 39-5012.00 | Hairdressers, Hairstylists, and Cosmetologists |
| 39-5093.00 | Shampooers |
| 39-5094.00 | Skincare Specialists |
| 43-4071.00 | File Clerks |
| 51-6041.00 | Shoe and Leather Workers and Repairers |
| 51-6052.00 | Tailors, Dressmakers, and Custom Sewers |

| Detailed Work Activities |
|--|
| 39-5092.00 - Manicurists and Pedicurists |
| |
| Detailed Work Activity |
| Clean tools or equipment. |
| Treat nails by shaping, decorating, or augmenting. |
| Maintain client information or service records. |
| Maintain supply or equipment inventories. |
| Schedule appointments. |
| Administer therapeutic massages. |
| Assess skin or hair conditions. |
| Provide medical or cosmetic advice for clients. |
| Promote products, services, or programs. |
| Sell products or services. |

| Work Activities | | |
|---|--|--|
| 39-5092.00 - Manicurists and Pedicurists | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 61 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 55 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 50 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 49 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 43 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 42 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 42 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 42 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 42 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 38 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 37 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 36 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 36 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 36 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 34 | Coaching and Developing Others | Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills. |
| 33 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 33 | Coordinating the Work and Activities of Others | Getting members of a group to work together to accomplish tasks. |
| 32 | Monitoring and Controlling Resources | Monitoring and controlling resources and overseeing the spending of money. |
| 31 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |

39-5094 Skincare Specialists

| | |
|---|-------|
| Provide skincare treatments to face and body to enhance an individual's appearance. Includes electrologists and laser hair removal specialists. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 70 |
| Mean Hourly Wage | 24.24 |
| Mean Annual Wage | 50432 |
| Health Care Mean Hourly Wage | 25.2 |
| Health Care Mean Annual Wage | 52416 |
| Other Services Mean Hourly Wage | 24.36 |
| Other Services Mean Annual Wage | 50667 |

| | |
|---|-------|
| Cheyenne MSA Mean Hourly Wage | 26.04 |
| Cheyenne MSA Mean Annual Wage | 54173 |
| Casper MSA Mean Hourly Wage | 25.11 |
| Casper MSA Mean Annual Wage | 52229 |
| New Hires Survey | |
| New Hires est N | 25.07 |
| New Hires Median \$ | 17 |
| New Hires Service Orientation Important | 50 |
| New Hires Critical Thinking Important | 50 |

| | |
|---|------|
| New Hires Female | 100 |
| New Hires 25-34 | 50 |
| New Hires 35-44 | 50 |
| Short Term Projections 2018-2020 | |
| Colorado 2018 Employment | 2050 |
| Colorado Percentage Growth | 5.4 |
| Colorado Annual Openings | 290 |
| Idaho 2018 Employment | 100 |
| Idaho Percentage Growth | 10 |
| Idaho Annual Openings | 20 |
| Nebraska 2018 Employment | 370 |
| Nebraska Percentage Growth | 2.7 |
| Nebraska Annual Openings | 50 |
| Utah 2018 Employment | 900 |
| Utah Percentage Growth | 3.3 |
| Utah Annual Openings | 120 |

SKINCARE SPECIALISTS

SOC Code 39-5094

Entry Salary

\$17.36/hr

Average Salary

\$24.24/hr

Job Description

Performs services for others for the beautification of the skin.

Practice is limited to applying make-up, moisturizing, cleansing and facial or neck massage.

Requirements

1. Must be at least 16 years of age.
2. Must have at least a 10th grade education.

3. Must complete 600 hours training in a licensed school.

4. Pass a written and practical exam.

Restrictions

Services are limited to include only the skin.

School Located in Wyoming

**Total Employment
70
Mean Annual Wage
\$50,432**

There are numerous beauty schools located throughout Wyoming. Contact the Wyoming Board of Cosmetology for a listing of licensed schools.

License

A license is issued by the Wyoming Board of Cosmetology after meeting the requirements of the state.

Examination

The examination is administered by the Wyoming Board of

Cosmetology.

Fees

Examination Fee \$100.00

License. \$48.00

Biennial Renewal. \$96.00

Licensing Agency

Sharon Bennett

Wyoming Board of Cosmetology

2515 Warren Ave., Ste. 302

Cheyenne, WY 82002

Phone: (307) 777-3534

Fax: (307) 777-3681

<http://cosmetology.wy.gov/>

Occupational Outlook Handbook:

"Skincare Specialists"

[http://www.bls.gov/ooh/](http://www.bls.gov/ooh/personal-care-and-service/skincare-specialists.htm)

[personal-care-and-service/](http://www.bls.gov/ooh/personal-care-and-service/skincare-specialists.htm)

[skincare-specialists.htm](http://www.bls.gov/ooh/personal-care-and-service/skincare-specialists.htm)

Last updated June 2019

| Tasks | |
|--|--|
| 39-5094.00 - Skincare Specialists | |
| Importance | Task |
| 93 | Sterilize equipment and clean work areas. |
| 92 | Examine clients' skin, using magnifying lamps or visors when necessary, to evaluate skin condition and appearance. |
| 92 | Cleanse clients' skin with water, creams, or lotions. |
| 86 | Demonstrate how to clean and care for skin properly and recommend skin-care regimens. |
| 83 | Select and apply cosmetic products, such as creams, lotions, and tonics. |
| 83 | Perform simple extractions to remove blackheads. |

39-5094 Skincare Specialists

| Related Occupations | |
|--|--|
| 39-5094.00 - Skincare Specialists | |
| | |
| O*NET-SOC Code | O*NET-SOC Title |
| 25-2011.00 | Preschool Teachers, Except Special Education |
| 25-3021.00 | Self-Enrichment Education Teachers |
| 31-9011.00 | Massage Therapists |
| 31-9091.00 | Dental Assistants |
| 31-9092.00 | Medical Assistants |
| 39-5011.00 | Barbers |
| 39-5012.00 | Hairdressers, Hairstylists, and Cosmetologists |
| 39-5092.00 | Manicurists and Pedicurists |
| 39-5093.00 | Shampooers |
| 39-9031.00 | Fitness Trainers and Aerobics Instructors |

| Detailed Work Activities |
|--|
| 39-5094.00 - Skincare Specialists |
| |
| Detailed Work Activity |
| Clean facilities or work areas. |
| Clean tools or equipment. |
| Apply cleansing or conditioning agents to client hair, scalp, or skin. |
| Assess skin or hair conditions. |
| Provide medical or cosmetic advice for clients. |
| Demonstrate activity techniques or equipment use. |
| Teach health or hygiene practices. |
| Maintain professional knowledge or certifications. |
| Administer therapeutic massages. |
| Maintain client information or service records. |
| Sell products or services. |
| Apply solutions to hair for therapeutic or cosmetic purposes. |

| Work Activities | | |
|--|---|--|
| 39-5094.00 - Skincare Specialists | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 93 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 71 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 70 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 68 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 68 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 65 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 64 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 63 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 61 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 56 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 55 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 50 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 48 | Scheduling Work and Activities | Scheduling events, programs, and activities, as well as the work of others. |
| 47 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 47 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 46 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 46 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 44 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |

39-9011 Childcare Workers

| | |
|---|-------|
| Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1800 |
| Mean Hourly Wage | 12.32 |
| Mean Annual Wage | 25632 |
| Educational Employment | 100 |
| Educational Mean Hourly Wage | 15.2 |
| Educational Mean Annual Wage | 31631 |
| Health Care Employment | 1530 |
| Health Care Mean Hourly Wage | 11.99 |
| Health Care Mean Annual Wage | 24954 |
| Arts Employment | 30 |
| Arts Mean Hourly Wage | 12.57 |
| Arts Mean Annual Wage | 26152 |
| Accommodation Employment | 20 |
| Accommodation Mean Hourly Wage | 12.52 |
| Accommodation Mean Annual Wage | 26038 |
| Public Admin. Employment | 120 |
| Public Admin. Mean Hourly Wage | 14.09 |
| Public Admin. Mean Annual Wage | 29298 |
| Northwest Employment | 430 |
| Northwest Mean Hourly Wage | 11.97 |
| Northwest Mean Annual Wage | 24899 |
| Southwest Employment | 230 |
| Southwest Mean Hourly Wage | 14.75 |
| Southwest Mean Annual Wage | 30677 |

| | |
|---|---------|
| Northeast Employment | 220 |
| Northeast Mean Hourly Wage | 13.57 |
| Northeast Mean Annual Wage | 28239 |
| Central-SE Employment | 540 |
| Central-SE Mean Hourly Wage | 11.99 |
| Central-SE Mean Annual Wage | 24941 |
| Cheyenne MSA Mean Hourly Wage | 9.67 |
| Cheyenne MSA Mean Annual Wage | 20119 |
| Casper MSA Employment | 240 |
| Casper MSA Mean Hourly Wage | 11.65 |
| Casper MSA Mean Annual Wage | 24244 |
| New Hires Survey | |
| New Hires est N | 2513.57 |
| New Hires Median \$ | 10 |
| New Hires Health Insurance | 26.928 |
| New Hires Retirement Plan | 31.781 |
| New Hires Paid Time Off | 35.659 |
| New Hires Service Orientation Important | 94.372 |

**Total Employment
1,800
Mean Annual Wage
\$25,632**

| | |
|---|---------|
| New Hires Critical Thinking Important | 85.086 |
| New Hires Reading Comprehension | 66.301 |
| New Hires Female | 81.478 |
| New Hires Male | 17.114 |
| New Hires Sex Unknown | 1.4 |
| New Hires <20 | 12.1 |
| New Hires 20-24 | 29.6049 |
| New Hires 25-34 | 19.37 |
| New Hires 35-44 | 15.296 |
| New Hires 45-54 | 10.28 |
| New Hires 55-64 | 10.704 |
| New Hires 65+ | 1.2 |
| New Hires Age Unknown | 1.4 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 2780 |
| Wyoming Percentage Growth | -1.1 |
| Wyoming Annual Openings | 380 |
| Colorado 2018 Employment | 14850 |
| Colorado Percentage Growth | 3.6 |
| Colorado Annual Openings | 2430 |
| Idaho 2018 Employment | 1950 |
| Idaho Percentage Growth | 4.6 |
| Idaho Annual Openings | 330 |
| Montana 2018 Employment | 3540 |
| Montana Percentage Growth | 1.7 |
| Montana Annual Openings | 550 |
| Nebraska 2018 Employment | 13870 |

CHILDCARE WORKERS SOC Code 39-9011

Entry Salary

\$12.32/hr

Average Salary

\$10.31/hr

Job Description

Child Care Providers/Directors attend to more than two unrelated children at schools, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play.

Requirements

1. Be at least 16 years old.
2. All training and trainers must

be approved by the Statewide Training and Resource Systems (STARS) at 1-800-400-3999.
3. Must complete educational requirements for both initial and renewal licensing in the Rules and Regulations of the Board.

Restrictions

Not be convicted of a crime against children.
Failure to complete all required training.
Not be in possession of illegal drugs.
Violate any of the Rules or

Statutes.

Not using or under the influence of alcohol or illegal drugs.
Found guilty of a sexual offense against a person or child.
Allowing the commission of a sexual offense against a child.

Schools Located in Wyoming

Casper College - School of Social and Behavioral Sciences - Education - Early Childhood Education
<http://www.caspercollege.edu/early-childhood-education>
Central Wyoming College - Riverton - Early Childhood Education

39-9011 Childcare Workers

<http://www.cwc.edu/programs/media-arts--humanities/education/>
 Laramie County Community College - Early Childhood Education
<http://www.lccc.wy.edu/programs/earlychildhoodeducation>
 Northwest College - Powell - Education Department - Early Childhood (Certificate)
<http://nwc.edu/academics/programs/early-childhood-education>
 Sheridan College - Education, Early Childhood
<http://www.sheridan.edu/academics/program/education-early-childhood/>
 University of Wyoming - Laramie - College of Agriculture and Natural Resources - Family and Consumer Sciences
<http://www.uwyo.edu/fcs/>

undergraduate-programs/
License
 A license to be able to take care of 3 or more unrelated children must be obtained from the Child Care Licensing Board.
Fees
 Application \$50.00
 Renewal \$25.00
Licensing Agency
 Wyoming Department of Family Services
 Early Childhood Division
 Child Care Licensing
 2300 Capitol Avenue
 Hathaway Bldg, Third Fl
 Cheyenne, WY 82002
 Phone (307) 777-7561
 Fax (307) 777-6276
<http://dfsweb.wyo.gov/home>
Additional Sources of Information
 West Ed
 730 Harrison Street

San Francisco, CA 94107
 Phone: (877) 493-7833
<http://www.wested.org/>
 ChildCare Aware
 1515 North Courthouse Rd., 2nd Fl
 Arlington, VA 22201
 Phone: (800) 424-2246
<http://childcareaware.org/child-care-providers>
 National Association for the Education of Young Children (NAEYC)
 1313 L Street, NW, Ste. 500
 Washington, DC 20005
 Phone: (202) 232-8777 or (800) 424-2460
<http://naeyc.org/>
 Occupational Outlook Handbook: "Childcare Workers"
<http://www.bls.gov/ooh/personal-care-and-service/childcare-workers.htm>
 Last updated June 2019

| Detailed Work Activities |
|--|
| 39-9011.00 - Childcare Workers |
| Detailed Work Activity |
| Arrange childcare or educational settings to ensure physical safety of children. |
| Discuss child development and behavior with parents or guardians. |
| Assist individuals with special needs. |
| Provide counsel, comfort, or encouragement to individuals or families. |
| Clean tools or equipment. |
| Maintain client information or service records. |
| Monitor health or behavior of people or animals. |
| Arrange items for use or display. |
| Teach health or hygiene practices. |
| Teach daily living skills or behaviors. |
| Perform administrative or clerical tasks. |
| Care for patients with mental illnesses. |
| Develop educational or training programs. |

| Work Activities | | |
|--------------------------------|--|--|
| 39-9011.00 - Childcare Workers | | |
| Importance | Work Activity | Work Activity Description |
| 80 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 72 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 68 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 67 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 65 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 61 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 61 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 60 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |

39-9099 Personal Care and Service Workers, All Other

All personal care and service workers not listed separately.
 "All Other" titles represent occupations with a wide range of characteristics which do not fit into one of the detailed O*NET-SOC occupations. **O*NET data is not available for this type of title.**

| OES (March 2018 Updated to March 2019 ECI) | |
|--|--------|
| Mean Hourly Wage | 18.85 |
| Mean Annual Wage | 39209 |
| New Hires Survey | |
| New Hires est N | 326.02 |
| New Hires Median \$ | 12.5 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 49.213 |
| New Hires Reading Comprehension | 14.995 |
| New Hires Female | 45.907 |

| | |
|-----------------|--------|
| New Hires Male | 54.093 |
| New Hires <20 | 25.4 |
| New Hires 20-24 | 3.4588 |
| New Hires 25-34 | 12.179 |

| |
|--|
| Mean Annual Wage \$39,209 |
|--|

| New Hires 35-44 | 47.562 |
|----------------------------------|--------|
| New Hires 55-64 | 11.406 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 80 |
| Wyoming Percentage Growth | 12.5 |
| Wyoming Annual Openings | 10 |
| Idaho 2018 Employment | 120 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 20 |
| Nebraska 2018 Employment | 270 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 40 |
| Utah 2018 Employment | 240 |
| Utah Percentage Growth | 4.2 |
| Utah Annual Openings | 40 |

| Industries with the highest levels of employment in this occupation in the U.S.: | | | | |
|--|------------|--------------------------------|------------------|------------------|
| Industry | Employment | Percent of industry employment | Hourly mean wage | Annual mean wage |
| State Government, excluding schools and hospitals (OES Designation) | 17,590 | 0.81 | \$14.31 | \$29,770 |
| Personal Care Services | 7,820 | 1.09 | \$12.74 | \$26,510 |
| Individual and Family Services | 4,700 | 0.19 | \$12.69 | \$26,400 |
| Traveler Accommodation | 3,990 | 0.20 | \$14.96 | \$31,120 |
| Local Government, excluding schools and hospitals (OES Designation) | 2,930 | 0.05 | \$12.85 | \$26,730 |

| Industries with the highest concentration of employment in this occupation in the U.S.: | | | | |
|---|------------|--------------------------------|------------------|------------------|
| Industry | Employment | Percent of industry employment | Hourly mean wage | Annual mean wage |
| Personal Care Services | 7,820 | 1.09 | \$12.74 | \$26,510 |
| State Government, excluding schools and hospitals (OES Designation) | 17,590 | 0.81 | \$14.31 | \$29,770 |
| Death Care Services | 1,060 | 0.77 | \$18.76 | \$39,030 |
| Other Personal Services | 1,950 | 0.57 | \$15.43 | \$32,090 |
| Support Activities for Air Transportation | 1,050 | 0.49 | \$11.46 | \$23,840 |

| Top paying industries for this occupation in the U.S.: | | | | |
|--|------------|--------------------------------|------------------|------------------|
| Industry | Employment | Percent of industry employment | Hourly mean wage | Annual mean wage |
| Legal Services | NA | NA | \$19.92 | \$41,430 |
| Death Care Services | 1,060 | 0.77 | \$18.76 | \$39,030 |
| Museums, Historical Sites, and Similar Institutions | 40 | 0.03 | \$17.21 | \$35,790 |
| Performing Arts Companies | 40 | 0.03 | \$16.60 | \$34,520 |
| Federal Executive Branch (OES Designation) | 50 | (7) | \$16.11 | \$33,510 |

39-9099 Personal Care and Service Workers, All Other

| Top paying States for this occupation: | | | | | |
|--|------------|------------------------------|-------------------|------------------|------------------|
| State | Employment | Employment Per Thousand Jobs | Location Quotient | Hourly Mean Wage | Annual Mean Wage |
| Wyoming | NA | NA | NA | \$18.27 | \$37,990 |
| Maine | 260 | 0.43 | 1.07 | \$17.55 | \$36,510 |
| Montana | NA | NA | NA | \$17.01 | \$35,380 |
| Nevada | 2,380 | 1.77 | 4.34 | \$16.34 | \$34,000 |
| Oklahoma | NA | NA | NA | \$15.93 | \$33,140 |

| Wages for Personal Care and Service Workers, All Other in WYOMING | | | | | | |
|---|------------|----------|----------|----------|----------|----------|
| | | 2018 | | | | |
| Location | Pay Period | 10% | 25% | Median | 75% | 90% |
| United States | Hourly | \$9.20 | \$10.63 | \$12.59 | \$15.75 | \$18.69 |
| | Yearly | \$19,140 | \$22,120 | \$26,180 | \$32,760 | \$38,880 |
| Wyoming | Hourly | \$11.34 | \$13.52 | \$19.03 | \$23.27 | \$25.02 |
| | Yearly | \$23,580 | \$28,120 | \$39,590 | \$48,410 | \$52,050 |

41-3021 Insurance Sales Agents

Sell life, property, casualty, health, automotive, or other types of insurance. May refer clients to independent brokers, work as independent broker, or be employed by an insurance company.

OES (March 2018 Updated to March 2019 ECI)

| | |
|-------------------------------|-------|
| Total Employment | 520 |
| Mean Hourly Wage | 28.38 |
| Mean Annual Wage | 59012 |
| Finance Employment | 510 |
| Finance Mean Hourly Wage | 28.31 |
| Finance Mean Annual Wage | 58899 |
| Northwest Employment | 60 |
| Southwest Employment | 80 |
| Southwest Mean Hourly Wage | 29.35 |
| Southwest Mean Annual Wage | 61029 |
| Northeast Employment | 100 |
| Northeast Mean Hourly Wage | 33.15 |
| Northeast Mean Annual Wage | 68964 |
| Central-SE Employment | 90 |
| Central-SE Mean Hourly Wage | 25.07 |
| Central-SE Mean Annual Wage | 52146 |
| Cheyenne MSA Employment | 80 |
| Cheyenne MSA Mean Hourly Wage | 31.42 |
| Cheyenne MSA Mean Annual Wage | 65359 |
| Casper MSA Employment | 100 |
| Casper MSA Mean Hourly Wage | 24.86 |
| Casper MSA Mean Annual Wage | 51701 |

| New Hires Survey | |
|---|--------|
| New Hires est N | 276.25 |
| New Hires Median \$ | 16.41 |
| New Hires Health Insurance | 41.667 |
| New Hires Retirement Plan | 50 |
| New Hires Paid Time Off | 61.111 |
| New Hires Service Orientation Important | 86.111 |
| New Hires Critical Thinking Important | 86.111 |
| New Hires Reading Comprehension | 83.333 |
| New Hires Female | 63.889 |
| New Hires Male | 36.111 |
| New Hires <20 | 2.8 |
| New Hires 20-24 | 5.5556 |

**Total Employment
520
Mean Annual Wage
\$59,012**

| New Hires 25-34 | 25 |
|----------------------------------|--------|
| New Hires 35-44 | 25 |
| New Hires 45-54 | 19.444 |
| New Hires 55-64 | 11.111 |
| New Hires 65+ | 11.1 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 740 |
| Wyoming Percentage Growth | 2.7 |
| Wyoming Annual Openings | 80 |
| Colorado 2018 Employment | 14570 |
| Colorado Percentage Growth | 3.6 |
| Colorado Annual Openings | 1670 |
| Idaho 2018 Employment | 1680 |
| Idaho Percentage Growth | 4.2 |
| Idaho Annual Openings | 200 |
| Montana 2018 Employment | 1980 |
| Montana Percentage Growth | 1.5 |
| Montana Annual Openings | 200 |
| Nebraska 2018 Employment | 5680 |
| Nebraska Percentage Growth | 2.1 |
| Nebraska Annual Openings | 600 |
| South Dakota 2018 Employment | 2850 |
| South Dakota Percentage Growth | 2.5 |
| South Dakota Annual Openings | 310 |
| Utah 2018 Employment | 4600 |
| Utah Percentage Growth | 4.8 |
| Utah Annual Openings | 560 |

INSURANCE SALES AGENTS

SOC Code 41-3021

Entry Salary

\$19.02/hr

Average Salary

\$28.38/hr

Job Description

Insurance salespeople sell policies to individuals and businesses for protection against future losses and financial pressure.

Requirements for Resident Agents

1. Is at least 18 years of age.
2. Be of good moral character.
3. Submit completed application.
5. Pass appropriate exam within preceding 12 months
6. Submit fingerprints and fee for

Criminal History Record Check

7. Applicants for life/variable annuity must include FIRNA registration summary and pass Series 6 or 7 and Series 63

Continuing Education Requirement

Twenty-four hours of approved continuing education must be completed within each two-year license term. At least three hours must be in an insurance approved ethics course.

School Located in Wyoming

No pre-licensing education required.

License

A license to sell insurance must be obtained from the Wyoming Department of Insurance.

Examination

Examinations are administered by Pearson Vue. For more information contact Pearson Vue at <http://pearsonvue.com/wy/insurance/> or 866-936-7786.

Information regarding study materials is available online from the Wyoming Department of Insurance at <https://sites.google.com/a/wyo.gov/doi/licensing/producers/resident>

Fees

\$100.00 for any one or combination of the following:

- Life
- Accident/Health/Sickness/Disability
- Variable Life/Variable Annuities

41-3021 Insurance Sales Agents

\$100.00 for any one or combination of the following:

- Property
- Casualty
- Personal Lines

\$100.00 for Limited Line Credit

\$20.00 for Limited Line Travel

\$39.00 Criminal History Record

Check Fee

Licensing Agency

Tana Howard

Wyoming Department of

Insurance

106 E. 6th Ave.

Cheyenne, WY 82002

Phone: (307) 777-7319

Fax: (307) 777-5895

<http://doi.wyo.gov/>

Additional Sources of Information

American Council of Life Insurers

101 Constitution Ave., NW

Ste 700

Washington, DC 20001-2133

Phone: (202) 624-2000

<https://www.acli.com/>

Insurance Information Institute

110 William Street

New York, NY 10038

Phone: (212) 346-5500

<http://www.iii.org>

Occupational Outlook Handbook:
"Insurance Sales Agents"

[http://www.bls.gov/ooh/sales/](http://www.bls.gov/ooh/sales/insurance-sales-agents.htm)

[insurance-sales-agents.htm](http://www.bls.gov/ooh/sales/insurance-sales-agents.htm)

Last Updated June 2019

| Work Activities | | |
|-------------------------------------|---|--|
| 41-3021.00 - Insurance Sales Agents | | |
| Importance | Work Activity | Work Activity Description |
| 81 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 76 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 75 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 72 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 67 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 62 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 62 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 60 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 59 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 58 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 58 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 58 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 57 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |

| Detailed Work Activities | |
|---|--|
| 41-3021.00 - Insurance Sales Agents | |
| Detailed Work Activity | |
| Customize financial products or services to meet customer needs. | |
| Sell products or services. | |
| Explain financial information to customers. | |
| Maintain records of sales or other business transactions. | |
| Take product orders from customers. | |
| Develop professional relationships or networks. | |
| Identify potential customers. | |
| Gather customer or product information to determine customer needs. | |
| Prepare sales or other contracts. | |

| Related Occupations | |
|-------------------------------------|---|
| 41-3021.00 - Insurance Sales Agents | |
| O*NET-SOC Code | O*NET-SOC Title |
| 13-1071.00 | Human Resources Specialists |
| 13-2041.00 | Credit Analysts |
| 13-2052.00 | Personal Financial Advisors |
| 13-2072.00 | Loan Officers |
| 27-3031.00 | Public Relations Specialists |
| 41-3031.01 | Sales Agents, Securities and Commodities |
| 41-3031.02 | Sales Agents, Financial Services |
| 41-4011.00 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products |

41-3031 Securities, Commodities, and Financial Services Sales Agents

| | |
|--|-------|
| Buy and sell securities or commodities in investment and trading firms, or provide financial services to businesses and individuals. May advise customers about stocks, bonds, mutual funds, commodities, and market conditions. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 210 |
| Mean Hourly Wage | 34.74 |
| Mean Annual Wage | 72261 |
| Finance Employment | 210 |
| Finance Mean Hourly Wage | 34.74 |
| Finance Mean Annual Wage | 72261 |
| Northwest Employment | 30 |
| Northwest Mean Hourly Wage | 34.65 |
| Northwest Mean Annual Wage | 72065 |
| Southwest Employment | 40 |
| Northeast Employment | 30 |
| Northeast Mean Hourly Wage | 25.1 |
| Northeast Mean Annual Wage | 52221 |

| | |
|---|-------|
| Cheyenne MSA Employment | 40 |
| Cheyenne MSA Mean Hourly Wage | 33.01 |
| Cheyenne MSA Mean Annual Wage | 68656 |
| Casper MSA Employment | 30 |
| Casper MSA Mean Hourly Wage | 25.01 |
| Casper MSA Mean Annual Wage | 52022 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 290 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 12040 |
| Colorado Percentage Growth | 3.7 |

| | |
|--------------------------------|------|
| Colorado Annual Openings | 1350 |
| Idaho 2018 Employment | 1380 |
| Idaho Percentage Growth | 2.9 |
| Idaho Annual Openings | 150 |
| Montana 2018 Employment | 360 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 2730 |
| Nebraska Percentage Growth | 2.6 |
| Nebraska Annual Openings | 290 |
| South Dakota 2018 Employment | 610 |
| South Dakota Percentage Growth | 6.6 |
| South Dakota Annual Openings | 80 |
| Utah 2018 Employment | 4400 |
| Utah Percentage Growth | 4.8 |
| Utah Annual Openings | 520 |

**Total Employment
210
Mean Annual Wage
\$72,261**

SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES AGENTS

SOC Code 41-3031

Entry Salary

\$17.76/hour

Average Salary

\$34.74/hour

Job Description

A Registered Securities Representative is involved in the investment banking or securities business. There are a variety of categories of Registered Representatives to deal with different types of stocks, bonds, mutual funds, options, etc.

Requirements

1. Must be associated with a business firm that is a member of the Financial Industry Regulatory Authority (FINRA).
2. Must pass the appropriate FINRA examination with a score of at least 70% and either the S63 or S66 state law exam with a

score of at least 70%.

3. Must fulfill prerequisite requirements for certain categories

Restrictions

A violation of any Federal or state law or FINRA or exchange rule that would prohibit the applicant from working in the securities business. No person convicted of a felony violation of law may be registered as a securities agent.

School Located in Wyoming

No formal education is required in order to apply for registration. Study materials and training sessions to prepare for the examinations are available from FINRA and from private vendors who sell study guides available at many book stores. For education resources go to the FINRA website at <http://www.finra.org/>

This title represents a group of more specific occupations. For additional information, please see <https://www.onetonline.org/link/details/41-3031.00#WorkActivities>

- 41-3031.01 Sales Agents, Securities and Commodities
- 41-3031.02 Sales Agents, Financial Services
- 41-3031.03 Securities and Commodities Traders

Industry/Education/.

License

Anyone wishing to work in the securities business in Wyoming must be affiliated with a member of FINRA.

Examination

Examinations are given at authorized testing centers throughout the United States. Wyoming residents can take examinations by contacting the Sylvan Technology Center at

41-3031 Securities, Commodities, and Financial Services Sales Agents

(888) 338-2283 to schedule an appointment at the closest location.

Fees

New application \$45.00

Renewal \$45.00

Examination Fees vary according to the series. For a complete list of examination fees, contact FINRA.

Licensing Agency

Compliance Division
Wyoming Secretary of State
Attn: Kelly Janes
2020 Carey Avenue, Ste 700
Cheyenne, WY 82002-0020
Phone: (307) 777-7370
Fax: (307) 777-7640

<https://soswy.state.wy.us/Investing/BrokerDealerAgent.aspx>
Financial Industry Regulatory Authority (FINRA)
1735 K St.

Washington, D.C. 20006
Phone: (301) 590-6500
<http://www.finra.org/>

Additional Sources of Information

FINRA District Office - Denver
4600 S. Syracuse St., Ste. 1400
Denver, CO 80237
Phone: (303) 446-3100
Fax: (303) 620-9450
U.S. Securities and Exchange Commission

100 F Street, NE
Washington, DC 20549
Phone: (202) 942-8088
<http://www.sec.gov/>
North American Securities Administrators Assoc.
750 First Street, NE, Ste 1140
Washington, DC 20002
(202) 737-0900
<http://www.nasaa.org/>
Occupational Outlook Handbook: "Securities, Commodities, and Financial Services Sales Agents"
<http://www.bls.gov/ooh/sales/securities-commodities-and-financial-services-sales-agents.htm>
Last updated June 2019

| Work Activities | | |
|---|---|---|
| 41-3031.01 - Sales Agents, Securities and Commodities | | |
| Importance | Work Activity | Work Activity Description |
| 87 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 86 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 85 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 84 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 84 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 82 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 82 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 80 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 78 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 77 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 76 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 74 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 70 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |

41-9021 Real Estate Brokers

| | |
|---|-------|
| Operate real estate office, or work for commercial real estate firm, overseeing real estate transactions. Other duties usually include selling real estate or renting properties and arranging loans. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 50 |
| Real Estate Employment | 50 |
| New Hires Survey | |
| New Hires est N | 32.29 |
| New Hires Median \$ | 17.34 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |

| | |
|---|----|
| New Hires Female | 25 |
| New Hires Male | 50 |
| New Hires Sex Unknown | 25 |
| New Hires 35-44 | 25 |
| New Hires 45-54 | 25 |
| New Hires 55-64 | 25 |
| New Hires Age Unknown | 25 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 40 |

**Total Employment
50**

| | |
|----------------------------|------|
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 0 |
| Colorado 2018 Employment | 5250 |
| Colorado Percentage Growth | 5.5 |
| Colorado Annual Openings | 630 |
| Idaho 2018 Employment | 190 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 20 |
| Nebraska 2018 Employment | 530 |
| Nebraska Percentage Growth | 3.8 |
| Nebraska Annual Openings | 60 |
| Utah 2018 Employment | 640 |
| Utah Percentage Growth | 7.8 |
| Utah Annual Openings | 80 |

REAL ESTATE BROKERS

SOC Code 41-9021

Entry Salary

N/A

Average Salary

N/A

Job Description

A Real Estate Broker sells, exchanges, purchases, rents, manages or leases real estate.

Requirements

1. Must be of legal age.
2. Must have completed Broker Course I and II and an 8 hour Broker Management Course.
3. Must have a degree in real estate or two years experience as a salesperson.
4. Pass written State and National examinations.
5. Proof of Errors and Omissions Individual insurance coverage (\$100,000/\$500,000/ or group coverage).
6. Have State and National fingerprint cards and \$39 to Office of Attorney General for criminal background check.

Restrictions

Conviction of a felony.

Falsifying application.

Engaging in real estate business for others without a license.

Failure to renew a license prior to expiration.

License revoked on prior occasion.

Violation of the Real Estate License Act of 1971.

School Located in Wyoming
There are several schools available throughout Wyoming. Contact the Wyoming Real Estate Commission for a complete listing.

License

Real Estate Brokers must be licensed by the Wyoming Real Estate Commission.

Examination

The examination is computerized and is administered by Applied Measurement Professionals (AMP). Contact AMP at (913) 895-4600 or <http://www.goamp.com/> for further information.

Fees

Original License. \$300.00
Examination \$141.00
Renewal (Every Three Years) \$350.00

Licensing Agency

Nicole Novotny Smith, Executive Director

Wyoming Real Estate Commission
2617 E Lincolnway, Ste H
Cheyenne, WY 82002-0180
Phone: (307) 777-7141
Fax: (307) 777-3796
<http://realestate.wyo.gov/>

Additional Sources of Information

National Association of Realtors
430 N. Michigan Ave.
Chicago, IL 60611-4087
Phone: (800) 874-6500
<https://www.nar.realtor/>
Wyoming Association of Realtors
777 Overland Drive, Ste 220
Casper, WY 82601
Phone: (307) 237-4085
<http://www.wyorealtors.com/>
Occupational Outlook Handbook:
"Real Estate Brokers and Sales Agents"
<http://www.bls.gov/ooh/sales/real-estate-brokers-and-sales-agents.htm>

Last updated June 2019

41-9021 Real Estate Brokers

| Work Activities | | |
|----------------------------------|---|---|
| 41-9021.00 - Real Estate Brokers | | |
| Importance | Work Activity | Work Activity Description |
| 85 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 82 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 73 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 70 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 70 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 70 | Selling or Influencing Others | Convincing others to buy merchandise/goods or to otherwise change their minds or actions. |
| 70 | Performing Administrative Activities | Performing day-to-day administrative tasks such as maintaining information files and processing paperwork. |
| 69 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 69 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 69 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 69 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 68 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 68 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 68 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 65 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 63 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 60 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 56 | Developing Objectives and Strategies | Establishing long-range objectives and specifying the strategies and actions to achieve them. |
| 55 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 55 | Provide Consultation and Advice to Others | Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics. |
| 54 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 51 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 51 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |

41-9022 Real Estate Sales Agents

| | |
|--|-------|
| Rent, buy, or sell property for clients. Perform duties, such as study property listings, interview prospective clients, accompany clients to property site, discuss conditions of sale, and draw up real estate contracts. Includes agents who represent buyer. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 150 |
| Mean Hourly Wage | 37.49 |
| Mean Annual Wage | 77971 |
| Real Estate Employment | 100 |
| Real Estate Mean Hourly Wage | 39.68 |
| Real Estate Mean Annual Wage | 82535 |
| Public Admin. Employment | 40 |
| Public Admin. Mean Hourly Wage | 33.04 |
| Public Admin. Mean Annual Wage | 68720 |
| Northwest Employment | 10 |
| Northwest Mean Hourly Wage | 32.92 |
| Northwest Mean Annual Wage | 68462 |
| Southwest Employment | 30 |
| Southwest Mean Hourly Wage | 35.05 |
| Southwest Mean Annual Wage | 72910 |
| Northeast Mean Hourly Wage | 50.96 |

| | |
|---|--------|
| Northeast Mean Annual Wage | 105999 |
| Central-SE Mean Hourly Wage | 32.48 |
| Central-SE Mean Annual Wage | 67563 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 35.64 |
| Cheyenne MSA Mean Annual Wage | 74120 |
| Casper MSA Employment | 40 |
| Casper MSA Mean Hourly Wage | 35.15 |
| Casper MSA Mean Annual Wage | 73115 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 510 |
| Wyoming Percentage Growth | 0 |

**Total Employment
150
Mean Annual Wage
\$77,971**

| | |
|--------------------------------|-------|
| Wyoming Annual Openings | 50 |
| Colorado 2018 Employment | 10910 |
| Colorado Percentage Growth | 5.4 |
| Colorado Annual Openings | 1300 |
| Idaho 2018 Employment | 1110 |
| Idaho Percentage Growth | 1.8 |
| Idaho Annual Openings | 120 |
| Montana 2018 Employment | 790 |
| Montana Percentage Growth | 1.3 |
| Montana Annual Openings | 80 |
| Nebraska 2018 Employment | 1220 |
| Nebraska Percentage Growth | 4.1 |
| Nebraska Annual Openings | 130 |
| South Dakota 2018 Employment | 710 |
| South Dakota Percentage Growth | 1.4 |
| South Dakota Annual Openings | 70 |
| Utah 2018 Employment | 3520 |
| Utah Percentage Growth | 7.1 |
| Utah Annual Openings | 450 |

REAL ESTATE SALES AGENTS

SOC Code 41-9022

Entry Salary

\$30.84/hr

Average Salary

\$37.49/hr

Job Description

Real Estate salespeople assist people in purchasing, exchanging, managing, leasing, selling, and renting real estate under the supervision of a licensed real estate Responsible Broker.

Requirements

1. Must be of legal age.
2. Must have completed Salesman Courses I and II. Contact the Wyoming Real Estate Commission for a list of instructors.
3. Must be sponsored by a licensed broker.
4. Pass State and National written examinations.

5. Proof of Errors and Omissions Individual insurance coverage (\$100,000/\$500,000/ or group coverage).
6. Have State and National fingerprint cards and \$39.00 to the Office of Attorney General for a criminal background check.

Restrictions

- Conviction of a felony.
- Falsifying application.
- Engaging in real estate business for others without a license.
- Failure to renew a license prior to expiration.
- License revoked on prior occasion.
- Violation of the Real Estate License Act of 1971.

School Located in Wyoming

There are several schools available throughout Wyoming. Contact the Wyoming Real Estate Commission for a complete listing.

License

Real Estate salespeople must be licensed by the Wyoming Real Estate Commission.

Examination

The examination is computerized and is administered by Applied Measurement Professionals (AMP). Contact AMP at (913) 895-4600 or <http://www.goamp.com/Pages/default.aspx> for further information.

Fees

- Original License. \$300.00
- Examination \$141.00
- Renewal (Every Three Years) \$350.00

Licensing Agency

Nicole Novotny Smith, Executive Director
 Wyoming Real Estate Commission
 2617 Lincolnway, Ste H
 Cheyenne, WY 82002-0180
 Phone: (307) 777-7141
 Fax: (307) 777-3796
<http://realestate.wyo.gov/>

Additional Sources of

41-9022 Real Estate Sales Agents

Information

National Association of Realtors
 430 N. Michigan Ave.
 Chicago, IL 60611-4087
 Phone: (800) 874-6500
<https://www.nar.realtor/>
 Wyoming Association of Realtors
 777 Overland Trail, Ste 220
 Casper, WY 82601
 Phone: (307) 237-4085
<http://www.wyorealtors.com/>
 Occupational Outlook Handbook:
 "Real Estate Brokers and Sales Agents"
<http://www.bls.gov/ooh/sales/real-estate-brokers-and-sales-agents.htm>
 Last updated June 2019

| Related Occupations | |
|--|---|
| 41-9022.00 - Real Estate Sales Agents | |
| | |
| O*NET-SOC Code | O*NET-SOC Title |
| 11-3011.00 | Administrative Services Managers |
| 11-9141.00 | Property, Real Estate, and Community Association Managers |
| 13-2021.01 | Assessors |
| 13-2072.00 | Loan Officers |
| 39-7012.00 | Travel Guides |

| Tasks | |
|--|---|
| 41-9022.00 - Real Estate Sales Agents | |
| | |
| Importance | Task |
| 97 | Prepare documents such as representation contracts, purchase agreements, closing statements, deeds, and leases. |
| 97 | Present purchase offers to sellers for consideration. |
| 95 | Act as an intermediary in negotiations between buyers and sellers, generally representing one or the other. |
| 93 | Generate lists of properties that are compatible with buyers' needs and financial resources. |
| 93 | Confer with escrow companies, lenders, home inspectors, and pest control operators to ensure that terms and conditions of purchase agreements are met before closing dates. |
| 90 | Promote sales of properties through advertisements, open houses, and participation in multiple listing services. |
| 89 | Compare a property with similar properties that have recently sold to determine its competitive market price. |
| 89 | Coordinate property closings, overseeing signing of documents and disbursement of funds. |
| 86 | Interview clients to determine what kinds of properties they are seeking. |
| 85 | Contact previous clients for prospecting of referral business. |
| 83 | Review property listings, trade journals, and relevant literature, and attend conventions, seminars, and staff and association meetings, to remain knowledgeable about real estate markets. |
| 83 | Answer clients' questions regarding construction work, financing, maintenance, repairs, and appraisals. |
| 83 | Coordinate appointments to show homes to prospective buyers. |
| 81 | Contact property owners and advertise services to solicit property sales listings. |
| 81 | Advise sellers on how to make homes more appealing to potential buyers. |
| 81 | Advise clients on market conditions, prices, mortgages, legal requirements, and related matters. |
| 78 | Display commercial, industrial, agricultural, and residential properties to clients and explain their features. |

| Work Activities | | |
|--|--|--|
| 41-9022.00 - Real Estate Sales Agents | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 91 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 85 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 85 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 84 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 83 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 83 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 83 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. |

43-5031 Police, Fire, and Ambulance Dispatchers

| | |
|--|-------|
| Operate radio, telephone, or computer equipment at emergency response centers. Receive reports from the public of crimes, disturbances, fires, and medical or police emergencies. Relay information to law enforcement and emergency response personnel. May maintain contact with caller until responders arrive. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 290 |
| Mean Hourly Wage | 20.49 |
| Mean Annual Wage | 42603 |
| Public Admin. Employment | 280 |
| Public Admin. Mean Hourly Wage | 20.63 |
| Public Admin. Mean Annual Wage | 42902 |
| Northwest Employment | 60 |
| Northwest Mean Hourly Wage | 18.25 |
| Northwest Mean Annual Wage | 37958 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 21.37 |
| Southwest Mean Annual Wage | 44442 |
| Northeast Employment | 50 |
| Northeast Mean Hourly Wage | 21.52 |
| Northeast Mean Annual Wage | 44767 |
| Central-SE Employment | 70 |
| Central-SE Mean Hourly Wage | 20.2 |
| Central-SE Mean Annual Wage | 42023 |

POLICE, FIRE, AND AMBULANCE DISPATCHERS

SOC Code 43-5031

Entry Salary

\$17.37/hr

Average Salary

\$20.49/hr

Job Description

Dispatchers answer and dispatch emergency calls via law enforcement and emergency tele-communications equipment.

Requirements

1. Must be a United States citizen.
2. Must be an adult.
3. Must meet hiring agency requirements.
4. Complete a dispatcher basic training course. Must be

| New Hires Survey | |
|---|-------|
| New Hires est N | 51.88 |
| New Hires Median \$ | 15 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 80 |
| New Hires Male | 20 |
| New Hires 20-24 | 20 |

**Total Employment
290
Mean Annual Wage
\$42,603**

completed within two years of being hired.

5. Hold a high school diploma or equivalent.

6. Be of good moral character.

Restrictions

Candidates may not have been convicted of a felony.

An extensive background check is done before someone is hired.

Must be free of any physical, mental, or emotional problems that might adversely affect performance as a dispatcher.

School Located in Wyoming

Initial Basic Class:

Wyoming Law Enforcement

Academy - Douglas

<http://www.wleacademy.com/>

Continuing Education:

Continuing education

| New Hires 25-34 | 40 |
|----------------------------------|------|
| New Hires 45-54 | 40 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 300 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 1890 |
| Colorado Percentage Growth | 3.7 |
| Colorado Annual Openings | 210 |
| Idaho 2018 Employment | 420 |
| Idaho Percentage Growth | 2.4 |
| Idaho Annual Openings | 50 |
| Montana 2018 Employment | 500 |
| Montana Percentage Growth | 2 |
| Montana Annual Openings | 50 |
| Nebraska 2018 Employment | 1010 |
| Nebraska Percentage Growth | 2 |
| Nebraska Annual Openings | 100 |
| South Dakota 2018 Employment | 370 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 40 |
| Utah 2018 Employment | 720 |
| Utah Percentage Growth | 2.8 |
| Utah Annual Openings | 70 |

requirements can be met by taking approved course work at the Wyoming Law Enforcement Academy. Contact the employing agency for additional options for meeting continuing education requirements.

License

Dispatchers need to obtain Wyoming Peace Officers Standards and Training (POST) certification administered by the Wyoming POST Commission.

Examination

The two-week basic course is offered through the Wyoming Law Enforcement Academy. Certificates are awarded upon completion.

Fees

None.

43-5031 Police, Fire, and Ambulance Dispatchers

Licensing Agency

Wyoming POST Commission
Chris Walsh (Certification questions)

Russell Clark (Training questions)

Phone: (307) 358-8213

Fax: (307) 638-9706

<http://ag.wyo.gov/post-home-page>

Additional Sources of Information

Occupational Outlook Handbook:

“Police, Fire, and Ambulance Dispatchers”

<http://www.bls.gov/ooh/office-and-administrative-support/police-fire-and-ambulance-dispatchers.htm>

Last updated June 2019

| Tasks | |
|---|--|
| 43-5031.00 - Police, Fire, and Ambulance Dispatchers | |
| | |
| Importance | Task |
| 97 | Question callers to determine their locations, and the nature of their problems to determine type of response needed. |
| 97 | Determine response requirements and relative priorities of situations, and dispatch units in accordance with established procedures. |
| 96 | Record details of calls, dispatches, and messages. |
| 93 | Scan status charts and computer screens, and contact emergency response field units to determine emergency units available for dispatch. |
| 93 | Receive incoming telephone or alarm system calls regarding emergency and non-emergency police and fire service, emergency ambulance service, information, and after-hours calls for departments within a city. |
| 92 | Enter, update, and retrieve information from teletype networks and computerized data systems regarding such things as wanted persons, stolen property, vehicle registration, and stolen vehicles. |

| Work Activities | | |
|---|---|---|
| 43-5031.00 - Police, Fire, and Ambulance Dispatchers | | |
| | | |
| Importance | Work Activity | Work Activity Description |
| 94 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 94 | Communicating with Persons Outside Organization | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| 93 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 93 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 92 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 91 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 89 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 80 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 80 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 78 | Processing Information | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| 76 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 73 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 72 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 69 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 69 | Interpreting the Meaning of Information for Others | Translating or explaining what information means and how it can be used. |
| 69 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 67 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |

43-9199 Office and Administrative Support Workers, All Other

| | |
|---|-------|
| All office and administrative support workers not listed separately. <i>"All Other" titles represent occupations with a wide range of characteristics which do not fit into one of the detailed O*NET-SOC occupations. O*NET data is not available for this type of title.</i> | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 100 |
| Mean Hourly Wage | 18.26 |
| Mean Annual Wage | 37990 |
| Finance Employment | 20 |
| Finance Mean Hourly Wage | 24.96 |
| Finance Mean Annual Wage | 51918 |
| Public Admin. Employment | 30 |
| Public Admin. Mean Hourly Wage | 21.42 |
| Public Admin. Mean Annual Wage | 44540 |
| Northwest Mean Hourly Wage | 26.51 |
| Northwest Mean Annual Wage | 55128 |

| | |
|---|-------|
| Cheyenne MSA Mean Hourly Wage | 15.43 |
| Cheyenne MSA Mean Annual Wage | 32096 |
| New Hires Survey | |
| New Hires est N | 14.63 |
| New Hires Median \$ | 17 |
| New Hires Health Insurance | 100 |
| New Hires Retirement Plan | 100 |
| New Hires Paid Time Off | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |

| |
|---|
| <p>Total Employment 100 Mean Annual Wage \$37,990</p> |
|---|

| | |
|---|------|
| New Hires Reading Comprehension | 100 |
| New Hires Female | 100 |
| New Hires 25-34 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 120 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 2310 |
| Colorado Percentage Growth | 3.5 |
| Colorado Annual Openings | 290 |
| Idaho 2018 Employment | 970 |
| Idaho Percentage Growth | 2.1 |
| Idaho Annual Openings | 110 |
| Montana 2018 Employment | 250 |
| Montana Percentage Growth | 4 |
| Montana Annual Openings | 30 |
| Nebraska 2018 Employment | 650 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 70 |
| South Dakota 2018 Employment | 50 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 10 |
| Utah 2018 Employment | 1560 |
| Utah Percentage Growth | 7.7 |
| Utah Annual Openings | 230 |

43-9199 Office and Administrative Support Workers, All Other

This page left intentionally blank.

47-2111 Electricians

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

OES (March 2018 Updated to March 2019 ECI)

| | |
|--------------------------------|-------|
| Total Employment | 2260 |
| Mean Hourly Wage | 29.06 |
| Mean Annual Wage | 60436 |
| Mining Employment | 330 |
| Mining Mean Hourly Wage | 37.95 |
| Mining Mean Annual Wage | 78939 |
| Utilities Employment | 70 |
| Utilities Mean Hourly Wage | 42.77 |
| Utilities Mean Annual Wage | 88961 |
| Construction Employment | 1630 |
| Construction Mean Hourly Wage | 26.41 |
| Construction Mean Annual Wage | 54933 |
| Manufacturing Employment | 70 |
| Manufacturing Mean Hourly Wage | 33.1 |
| Manufacturing Mean Annual Wage | 68843 |
| Information Employment | 30 |
| Information Mean Hourly Wage | 31.4 |
| Information Mean Annual Wage | 65311 |
| Educational Employment | 20 |
| Educational Mean Hourly Wage | 25.84 |
| Educational Mean Annual Wage | 53746 |
| Health Care Employment | 10 |
| Health Care Mean Hourly Wage | 32.63 |
| Health Care Mean Annual Wage | 67864 |
| Accommodation Employment | 10 |
| Accommodation Mean Hourly Wage | 28.53 |

| | |
|--------------------------------|-------|
| Accommodation Mean Annual Wage | 59331 |
| Public Admin. Employment | 50 |
| Public Admin. Mean Hourly Wage | 27.97 |
| Public Admin. Mean Annual Wage | 58173 |
| Northwest Employment | 220 |
| Northwest Mean Hourly Wage | 22.21 |
| Northwest Mean Annual Wage | 46196 |
| Southwest Employment | 640 |
| Southwest Mean Hourly Wage | 30.39 |
| Southwest Mean Annual Wage | 63205 |
| Northeast Employment | 480 |
| Northeast Mean Hourly Wage | 31 |
| Northeast Mean Annual Wage | 64489 |
| Central-SE Employment | 310 |
| Central-SE Mean Hourly Wage | 29.66 |
| Central-SE Mean Annual Wage | 61693 |
| Cheyenne MSA Employment | 230 |
| Cheyenne MSA Mean Hourly Wage | 28.14 |
| Cheyenne MSA Mean Ann. Wage | 58536 |
| Casper MSA Employment | 370 |
| Casper MSA Mean Hourly Wage | 28.34 |
| Casper MSA Mean Annual Wage | 58965 |

**Total Employment
2,260
Mean Annual Wage
\$60,436**

ELECTRICIANS

SOC Code 47-2111

Entry Salary

\$23.38/hr

Average Salary

\$29.06/hr

Job Description

Electricians install wiring and maintain electrical equipment covered by the National Electrical Code. Limited electrical technicians and low voltage technicians maintain and install systems under 90 volts or specific items per license, as covered by

the National Electrical Code.

Requirements

Apprentices: must be registered with the State Electrical Board

Journeyman:

1. Four years (8,000 hours) experience.

2. Pass written examination.

Master:

1. Eight years (16,000 hours) experience.

2. Pass written examination.

Limited Technician:

1.2 years (4,000 hours) experience.

New Hires Survey

| | |
|---|---------|
| New Hires est N | 2124.05 |
| New Hires Median \$ | 23.05 |
| New Hires Health Insurance | 54.592 |
| New Hires Retirement Plan | 43.207 |
| New Hires Paid Time Off | 50.96 |
| New Hires Service Orientation Important | 59.553 |
| New Hires Critical Thinking Important | 90.918 |
| New Hires Reading Comprehension | 72.755 |
| New Hires Female | 3.633 |
| New Hires Male | 96.367 |
| New Hires <20 | 7.3 |
| New Hires 20-24 | 5.2536 |
| New Hires 25-34 | 30.194 |
| New Hires 35-44 | 27.537 |
| New Hires 45-54 | 9.771 |
| New Hires 55-64 | 16.347 |
| New Hires 65+ | 3.6 |

Short Term Projections 2018-2020

| | |
|--------------------------------|-------|
| Wyoming 2018 Employment | 2390 |
| Wyoming Percentage Growth | -1.3 |
| Wyoming Annual Openings | 240 |
| Colorado 2018 Employment | 20210 |
| Colorado Percentage Growth | 8.3 |
| Colorado Annual Openings | 3130 |
| Idaho 2018 Employment | 4070 |
| Idaho Percentage Growth | 10.6 |
| Idaho Annual Openings | 690 |
| Montana 2018 Employment | 2500 |
| Montana Percentage Growth | 2 |
| Montana Annual Openings | 300 |
| Nebraska 2018 Employment | 5700 |
| Nebraska Percentage Growth | 3.7 |
| Nebraska Annual Openings | 740 |
| South Dakota 2018 Employment | 2440 |
| South Dakota Percentage Growth | 2.9 |
| South Dakota Annual Openings | 310 |
| Utah 2018 Employment | 8890 |
| Utah Percentage Growth | 9.2 |
| Utah Annual Openings | 1430 |

2. Pass written examination.

Low Voltage Technician:

1.2 years (4,000 hours) experience.

47-2111 Electricians

2. Pass written examination.

Restrictions

Fraud

Any flagrant violation of the rules and regulations of the State Electrical Board.

Schools Located in Wyoming

Casper College - Casper

<http://www.caspercollege.edu/electrical-apprenticeship>

Central Wyoming College - Riverton

For information on the electrical apprenticeship program at CWC, see <http://www.cwc.edu/community/business-leadership-development/>

Western Wyoming College

- Rock Springs - Electrical &

Instrumentation Technology

<https://www.westernwyoming.edu/academics/electrical/>

Wyoming Electrical Joint

Apprenticeship and Training

Committee (JATC)

<http://wyojatc.org/>

License

Electricians must be licensed by the State Electrical Board.

Examination

Examinations for journeyman electricians, master electricians, limited technicians, and low voltage technicians are administered on demand after approval by the Chief Electrical Inspector.

Fees

Apprentice Electrician:

Initial Registration. \$20.00

Yearly Registration

Renewal. \$20.00

Apprentice Low Voltage or

Limited Technician:

Initial Registration. \$20.00

Yearly Registration

Renewal. \$20.00

Journeyman:

Examinations \$300.00

License \$100.00

Renewal (Every 3 Years). . . \$50.00

Master:

Examinations \$300.00

License \$200.00

Renewal (Every 3 Years). . \$100.00

Limited Technician:

Examination. \$300.00

License \$100.00

Renewal (Every 3 Years). . \$50.00

Low Voltage Technician:

Examination. \$300.00

License \$100.00

Renewal (Every 3 Years). . \$50.00

For Journeyman, Limited

Technician and Low Voltage

Technician waiting to be tested:

Temporary Work Permit . . \$50.00

Licensing Agency

Bridget Carson

Attn: Electrical Safety Division

Department of Fire Prevention &

Electrical Safety

320 West 25th Street, 3rd Floor

Cheyenne, WY 82002

Phone: (307) 777-7907

Fax: (307) 777-7119

<http://wsfm.wyo.gov/>

Additional Sources of Information

International Brotherhood of Electrical Workers

900 Seventh St., NW

Washington, DC 20001

Phone: (202) 833-7000

<http://ibew.org/>

National Electrical Contractors Association

3 Bethesda Metro Center, Ste. 1100

Bethesda, Maryland 20814

Phone: (301) 657-3110

<http://necanet.org/>

Wyoming Electrical Joint

Apprentice and Training

Committee (JATC)

2080 N. Skyview Drive

Casper, WY 82601

Phone: (307) 234-8311 or (888)

286-3151

<http://wyojatc.org/>

Occupational Outlook Handbook: "Electricians"

[http://www.bls.gov/ooh/](http://www.bls.gov/ooh/construction-and-extraction/electricians.htm)

[construction-and-extraction/electricians.htm](http://www.bls.gov/ooh/construction-and-extraction/electricians.htm)

Last Updated June 2019

| Tasks | |
|----------------------------------|---|
| 47-2111.00 - Electricians | |
| Importance | Task |
| 89 | Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes. |
| 87 | Connect wires to circuit breakers, transformers, or other components. |
| 86 | Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system. |
| 85 | Use a variety of tools or equipment, such as power construction equipment, measuring devices, power tools, and testing equipment, such as oscilloscopes, ammeters, or test lamps. |
| 85 | Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes. |
| 83 | Prepare sketches or follow blueprints to determine the location of wiring or equipment and to ensure conformance to building and safety codes. |
| 83 | Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools to locate the cause of a breakdown and correct the problem. |

47-5021 Earth Drillers, Except Oil and Gas

Operate a variety of drills such as rotary, churn, and pneumatic to tap sub-surface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction. May use explosives. Includes horizontal and earth boring machine operators.

| OES (March 2018 Updated to March 2019 ECI) | |
|--|-------|
| Total Employment | 110 |
| Mean Hourly Wage | 24.38 |
| Mean Annual Wage | 50695 |
| Mining Employment | 70 |
| Mining Mean Hourly Wage | 24.16 |
| Mining Mean Annual Wage | 50269 |

| | |
|-------------------------------|-------|
| Construction Mean Hourly Wage | 24.71 |
| Construction Mean Annual Wage | 51408 |
| Southwest Employment | 10 |
| Central-SE Employment | 30 |
| Central-SE Mean Hourly Wage | 24.01 |
| Central-SE Mean Annual Wage | 49937 |

**Total Employment
110
Mean Annual Wage
\$50,695**

**EARTH DRILLERS, EXCEPT OIL AND GAS
SOC Code 47-5021**

Entry Salary

\$21.58/hr

Average Salary

\$24.38/hr

Job Description

Water well drilling contractor is any person responsible for or causing the construction, equipping, test pumping or development of any water well for compensation.

Requirements

1. Must be at least 18 years old.
2. Pass exams prescribed by the Board.
3. Be of good moral character and repute.
4. Have proof of current coverage under a general liability insurance policy providing not less than \$300,000.

Restrictions

Fraud or misrepresentation in obtaining a license.

Has not been convicted of a felony within five years of application for a license.

Training Located in Wyoming

Wyoming Water Well Association, <http://wywaterwell.org/>

Contact the Board for additional training providers

License

Water Well Drilling Contractors are licensed by the Wyoming Water Well Contractors Licensing Board.

Examination

Three separate exams are required by the Board. All exams are given at times and places determined by the Board. Contact the Board for exam times and places.

Fees

Application (resident). . . . \$25.00
 Application (nonresident) \$100.00
 License and Registration (for three years) \$200.00 per license area
 Renewal (for three years) \$200.00 per license area

Exam fees:

Wyoming -Specific
 Exam Fee \$75.00
 Other exams if taken through National Ground Water

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 160 |
| Wyoming Percentage Growth | 6.3 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 580 |
| Colorado Percentage Growth | 6.9 |
| Colorado Annual Openings | 90 |
| Idaho 2018 Employment | 160 |
| Idaho Percentage Growth | 6.3 |
| Idaho Annual Openings | 20 |
| Montana 2018 Employment | 160 |
| Montana Percentage Growth | 6.3 |
| Montana Annual Openings | 20 |
| Nebraska 2018 Employment | 250 |
| Nebraska Percentage Growth | 4 |
| Nebraska Annual Openings | 30 |
| South Dakota 2018 Employment | 120 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 20 |
| Utah 2018 Employment | 370 |
| Utah Percentage Growth | 2.7 |
| Utah Annual Openings | 50 |

Association. \$75.00 per exam for NGWA members

Other exams if taken through National Ground Water Association . \$275.00 for 2 exams for non-NGWA members plus \$75.00 for each additional exam

Licensing Agency

Jimmy Gordon
 Wyoming Water Well Contractors Licensing Board
 1201 E 7th Street, Ste 103
 Powell, WY 82435
 Phone: (307) 851-7770
<http://wwcb.state.wy.us/>
wwcb@wyo.gov or jimmy.gordon@wyo.gov

Additional Sources of Information

Wyoming Water Well Association
 5947 Road 32
 Hawk Springs, WY 82217

47-5021 Earth Drillers, Except Oil and Gas

<http://wywaterwell.org/>
wywaterwell@wyobraska.com
 National Ground Water
 Association (NGWA)
 601 Dempsey Rd.
 Westerville, OH 43081
 Phone: (800) 551-7379
<http://www.ngwa.org/Pages/default.aspx>
 Occupational Outlook Handbook:
 "Earth Drillers, Except Oil and Gas"
[http://www.bls.gov/ooh/about/data-for-occupations-not-covered-in-detail.htm#Construction and
 Extraction Occupations](http://www.bls.gov/ooh/about/data-for-occupations-not-covered-in-detail.htm#Construction%20and%20Extraction%20Occupations)
 Last updated June 2019

| Tasks | |
|--|--|
| 47-5021.00 - Earth Drillers, Except Oil and Gas | |
| Importance | Task |
| 84 | Operate controls to stabilize machines and to position and align drills. |
| 83 | Start, stop, and control drilling speed of machines and insertion of casings into holes. |
| 83 | Regulate air pressure, rotary speed, and downward pressure, according to the type of rock or concrete being drilled. |
| 81 | Select and attach drill bits and drill rods, adding more rods as hole depths increase, and changing drill bits as needed. |
| 81 | Drive or guide truck-mounted equipment into position, level and stabilize rigs, and extend telescoping derricks. |
| 80 | Operate machines to flush earth cuttings or to blow dust from holes. |
| 80 | Monitor drilling operations, checking gauges and listening to equipment to assess drilling conditions and to determine the need to adjust drilling or alter equipment. |
| 78 | Verify depths and alignments of boring positions. |

| Work Activities | | |
|--|---|--|
| 47-5021.00 - Earth Drillers, Except Oil and Gas | | |
| Importance | Work Activity | Work Activity Description |
| 90 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 88 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 86 | Repairing and Maintaining Mechanical Equipment | Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles. |
| 80 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 78 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 74 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 72 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 72 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 71 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 71 | Performing General Physical Activities | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| 70 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 63 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 60 | Judging the Qualities of Things, Services, or People | Assessing the value, importance, or quality of things or people. |
| 60 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 58 | Thinking Creatively | Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions. |
| 57 | Training and Teaching Others | Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others. |
| 56 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |

49-3011 Aircraft Mechanics and Service Technicians

| | |
|--|-------|
| Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems. Include helicopter and aircraft engine specialists. Exclude "Avionics Technician" (49-2091). | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 210 |
| Mean Hourly Wage | 28.43 |
| Mean Annual Wage | 59144 |
| Transportation Mean Hourly Wage | 28.26 |
| Transportation Mean Annual Wage | 58782 |
| Northwest Mean Hourly Wage | 31.06 |
| Northwest Mean Annual Wage | 64587 |
| Central-SE Mean Hourly Wage | 26.83 |
| Central-SE Mean Annual Wage | 55803 |
| Cheyenne MSA Employment | 90 |
| Cheyenne MSA Mean Hourly Wage | 27.64 |
| Cheyenne MSA Mean Annual Wage | 57491 |

| | |
|---|-------|
| Casper MSA Employment | 30 |
| Casper MSA Mean Hourly Wage | 27.65 |
| Casper MSA Mean Annual Wage | 57507 |
| New Hires Survey | |
| New Hires est N | 13.23 |
| New Hires Median \$ | 25 |
| New Hires Health Insurance | 100 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Male | 100 |

**Total Employment
210
Mean Annual Wage
\$59,144**

AIRCRAFT MECHANICS AND SERVICE TECHNICIANS SOC Code 49-3011

Entry Salary

\$24.64/hr

Average Salary

\$28.43/hr

Job Description

Aircraft Mechanics repair or rebuild aircraft, engines or airframe components for compensation.

Requirements

1. Must be at least 18 years old.
2. Pass course work at an approved school or have at least 18 months of practical experience.
3. Read, speak, and write English.
4. Pass three exams: written, oral, and practical.

Restrictions

If convicted of a felony, must wait at least one year to apply for license as an Aircraft Mechanic.

School Located in Wyoming

There are no schools located in Wyoming to receive the necessary training.

License

The Federal Aviation

Administration (FAA) administers the airframe and power plant (engines) license.

Examination

The examination is given upon completion of either approved training from a school or after 18 months of practical experience is completed. For more information, contact the FAA.

Fees

General test plus airframe plus power plant tests \$216.00
General test plus airframe or power plant test \$144.00

Licensing Agency

For licensing information, contact:
Federal Aviation Administration
Flight Standards District Office
951 Werner Court
Casper, WY 82601
Phone: (800) 325-5785
http://www.faa.gov/licenses_certificates/airmen_certification/
(general website)

| | |
|---|------|
| New Hires 35-44 | 100 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 200 |
| Wyoming Percentage Growth | 5 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 1890 |
| Colorado Percentage Growth | 3.7 |
| Colorado Annual Openings | 180 |
| Idaho 2018 Employment | 800 |
| Idaho Percentage Growth | 2.5 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 540 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 40 |
| Nebraska 2018 Employment | 420 |
| Nebraska Percentage Growth | 4.8 |
| Nebraska Annual Openings | 50 |
| South Dakota 2018 Employment | 360 |

http://www.faa.gov/about/office_org/field_offices/fsdo/cas/
(local office)

Additional Sources of Information

Amy Surdam, Administrator
Aeronautics Division
Wyoming Department of Transportation
200 E. 8th Ave.
Cheyenne, WY 82001
Phone: (307) 777-3953
<http://dot.state.wy.us/home/aeronautics.html>
Aircraft Mechanics Fraternal Association
14001 E. Iliff Ave., Ste. 217
Aurora, CO 80014
Phone: (303) 752-2632
<http://www.amfanational.org/>
Professional Aviation Maintenance Association
972 E. Tuttle Rd., Bldg 204
Ionia, MI 48846
Phone: (800) 356-1671
<http://pama.org>
Occupational Outlook Handbook:
"Aircraft and Avionics Equipment Mechanics and Technicians"
<http://www.bls.gov/ooh/>

49-3011 Aircraft Mechanics and Service Technicians

| Tasks | |
|---|---|
| 49-3011.00 - Aircraft Mechanics and Service Technicians | |
| Importance | Task |
| 89 | Examine and inspect aircraft components, including landing gear, hydraulic systems, and deicers to locate cracks, breaks, leaks, or other problems. |
| 87 | Conduct routine and special inspections as required by regulations. |
| 87 | Inspect completed work to certify that maintenance meets standards and that aircraft are ready for operation. |
| 87 | Read and interpret maintenance manuals, service bulletins, and other specifications to determine the feasibility and method of repairing or replacing malfunctioning or damaged components. |
| 87 | Maintain repair logs, documenting all preventive and corrective aircraft maintenance. |
| 86 | Modify aircraft structures, space vehicles, systems, or components, following drawings, schematics, charts, engineering orders, and technical publications. |
| 86 | Inspect airframes for wear or other defects. |
| 86 | Measure parts for wear, using precision instruments. |
| 84 | Obtain fuel and oil samples and check them for contamination. |
| 84 | Maintain, repair, and rebuild aircraft structures, functional components, and parts, such as wings and fuselage, rigging, hydraulic units, oxygen systems, fuel systems, electrical systems, gaskets, or seals. |
| 83 | Replace or repair worn, defective, or damaged components, using hand tools, gauges, and testing equipment. |
| 83 | Read and interpret pilots' descriptions of problems to diagnose causes. |

| Work Activities | | |
|---|---|--|
| 49-3011.00 - Aircraft Mechanics and Service Technicians | | |
| Importance | Work Activity | Work Activity Description |
| 91 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 89 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 88 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 87 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 85 | Repairing and Maintaining Mechanical Equipment | Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles. |
| 84 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 83 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 80 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 80 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 79 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 76 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 75 | Interacting With Computers | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| 72 | Handling and Moving Objects | Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. |
| 71 | Repairing and Maintaining Electronic Equipment | Servicing, repairing, calibrating, regulating, fine-tuning, or testing machines, devices, and equipment that operate primarily on the basis of electrical or electronic (not mechanical) principles. |
| 70 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 67 | Analyzing Data or Information | Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts. |
| 67 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

49-9099 Installation, Maintenance, and Repair Workers, All Other

All installation, maintenance, and repair workers not listed separately. "All Other" titles represent occupations with a wide range of characteristics which do not fit into one of the detailed O*NET-SOC occupations. O*NET data is not available for this type of title.

OES (March 2018 Updated to March 2019 ECI)

| | |
|----------------------------------|-------|
| Total Employment | 210 |
| Mean Hourly Wage | 22.51 |
| Mean Annual Wage | 46808 |
| Wholesale Trade Employment | 40 |
| Wholesale Trade Mean Hourly Wage | 20.7 |
| Wholesale Trade Mean Ann.Wage | 43061 |
| Retail Trade Employment | 60 |
| Retail Trade Mean Hourly Wage | 17.72 |
| Retail Trade Mean Annual Wage | 36845 |
| Transportation Employment | 10 |
| Transportation Mean Hourly Wage | 35.08 |
| Transportation Mean Annual Wage | 72964 |
| Public Admin. Employment | 60 |
| Public Admin. Mean Hourly Wage | 25.57 |
| Public Admin. Mean Annual Wage | 53175 |
| Northwest Employment | 50 |
| Northwest Mean Hourly Wage | 20.5 |
| Northwest Mean Annual Wage | 42651 |
| Southwest Employment | 40 |
| Southwest Mean Hourly Wage | 23.09 |
| Southwest Mean Annual Wage | 48044 |
| Northeast Employment | 40 |
| Northeast Mean Hourly Wage | 20.42 |
| Northeast Mean Annual Wage | 42474 |

| | |
|---|--------|
| Central-SE Mean Hourly Wage | 27.06 |
| Central-SE Mean Annual Wage | 56285 |
| Cheyenne MSA Employment | 20 |
| Cheyenne MSA Mean Hourly Wage | 18.19 |
| Cheyenne MSA Mean Annual Wage | 37834 |
| Casper MSA Mean Hourly Wage | 23.29 |
| Casper MSA Mean Annual Wage | 48429 |
| New Hires Survey | |
| New Hires est N | 274.17 |
| New Hires Median \$ | 20 |
| New Hires Health Insurance | 21.529 |
| New Hires Retirement Plan | 21.529 |
| New Hires Paid Time Off | 21.529 |
| New Hires Service Orientation Important | 77.408 |
| New Hires Critical Thinking Important | 90.594 |
| New Hires Reading Comprehension | 39.785 |

Total Employment
210
Mean Annual Wage
\$46,808

| | |
|---|---------|
| New Hires Female | 23.384 |
| New Hires Male | 76.616 |
| New Hires 20-24 | 27.5179 |
| New Hires 25-34 | 32.331 |
| New Hires 35-44 | 8.154 |
| New Hires 45-54 | 18.019 |
| New Hires 55-64 | 9.406 |
| New Hires 65+ | 4.6 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 180 |
| Wyoming Percentage Growth | 5.6 |
| Wyoming Annual Openings | 20 |
| Colorado 2018 Employment | 4660 |
| Colorado Percentage Growth | 4.1 |
| Colorado Annual Openings | 540 |
| Idaho 2018 Employment | 600 |
| Idaho Percentage Growth | 0 |
| Idaho Annual Openings | 50 |
| Montana 2018 Employment | 830 |
| Montana Percentage Growth | 2.4 |
| Montana Annual Openings | 90 |
| Nebraska 2018 Employment | 600 |
| Nebraska Percentage Growth | 3.3 |
| Nebraska Annual Openings | 70 |
| South Dakota 2018 Employment | 290 |
| South Dakota Percentage Growth | 3.4 |
| South Dakota Annual Openings | 30 |
| Utah 2018 Employment | 1410 |
| Utah Percentage Growth | 5.7 |
| Utah Annual Openings | 180 |

49-9099 Installation, Maintenance, and Repair Workers, All Other

This page left intentionally blank.

51-8031 Water and Wastewater Treatment Plant and System Operators

| | |
|--|-------|
| Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 450 |
| Mean Hourly Wage | 25.92 |
| Mean Annual Wage | 53913 |
| Utilities Employment | 100 |
| Utilities Mean Hourly Wage | 33.23 |
| Utilities Mean Annual Wage | 69115 |
| Administrative Support Mean Hourly Wage | 22.23 |
| Administrative Support Mean Annual Wage | 46237 |
| Public Admin. Employment | 310 |
| Public Admin. Mean Hourly Wage | 23.87 |
| Public Admin. Mean Annual Wage | 49652 |
| Northwest Employment | 60 |
| Northwest Mean Hourly Wage | 23.33 |
| Northwest Mean Annual Wage | 48525 |
| Southwest Employment | 130 |
| Southwest Mean Hourly Wage | 24.71 |
| Southwest Mean Annual Wage | 51395 |
| Northeast Employment | 80 |
| Northeast Mean Hourly Wage | 25.33 |

| | |
|-------------------------------|--------|
| Northeast Mean Annual Wage | 52680 |
| Central-SE Employment | 110 |
| Central-SE Mean Hourly Wage | 30.16 |
| Central-SE Mean Annual Wage | 62734 |
| Cheyenne MSA Employment | 40 |
| Cheyenne MSA Mean Hourly Wage | 22.03 |
| Cheyenne MSA Mean Annual Wage | 45827 |
| Casper MSA Employment | 30 |
| Casper MSA Mean Hourly Wage | 27.93 |
| Casper MSA Mean Annual Wage | 58104 |
| New Hires Survey | |
| New Hires est N | 225.15 |
| New Hires Median \$ | 17 |
| New Hires Health Insurance | 92.077 |
| New Hires Retirement Plan | 92.077 |
| New Hires Paid Time Off | 94.057 |

**Total Employment
450
Mean Annual Wage
\$53,913**

| | |
|---|--------|
| New Hires Service Orientation Important | 63.266 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 98.019 |
| New Hires Female | 16.063 |
| New Hires Male | 81.956 |
| New Hires Sex Unknown | 2 |
| New Hires <20 | 9.2 |
| New Hires 20-24 | 6.5894 |
| New Hires 25-34 | 30.966 |
| New Hires 35-44 | 13.179 |
| New Hires 45-54 | 24.633 |
| New Hires 55-64 | 13.435 |
| New Hires Age Unknown | 2 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 420 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 30 |
| Colorado 2018 Employment | 2430 |
| Colorado Percentage Growth | 1.2 |
| Colorado Annual Openings | 210 |
| Idaho 2018 Employment | 800 |
| Idaho Percentage Growth | 2.5 |
| Idaho Annual Openings | 80 |
| Montana 2018 Employment | 560 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 50 |
| Nebraska 2018 Employment | 1130 |
| Nebraska Percentage Growth | 0 |
| Nebraska Annual Openings | 90 |
| South Dakota 2018 Employment | 980 |
| South Dakota Percentage Growth | 1 |
| South Dakota Annual Openings | 90 |
| Utah 2018 Employment | 1220 |
| Utah Percentage Growth | 0.8 |
| Utah Annual Openings | 100 |

WATER AND LIQUID WASTE TREATMENT PLANT AND SYSTEM OPERATORS

SOC Code 51-8031

Entry Salary

\$20.28/hr

Average Salary

\$25.92/hr

Job Description

There are two levels of Water Distribution & Collection System Operators and four levels of Water and Wastewater Treatment Plant Operators. Duties include operating and maintaining the facilities, performing lab tests to check plant status and maintaining records. The level of license required is determined by the complexity of the facility operated.

Requirements

Level I :

1. Have at least 35 education units/contact hours.
2. At least 6 months experience.

Level II :

1. Have at least 70 education units/contact hours.
2. At least 1 year experience.

Level III :

1. Have at least 300 education units/contact hours.
2. At least 2 years experience, 1 year must be at a class 2 or higher level plant.

Level IV :

1. Have at least 400 education units/contact hours.
2. At least 3 years experience,

2 years must be at a class 3 or higher level plant.

Small Consecutive Distribution License:

1. Have at least 6 months of experience.
2. Have at least 14 education units/contact hours.

All Levels must :

51-8031 Water and Wastewater Treatment Plant and System Operators

1. Apply for and pass an examination.
2. Meet 24 continuing education hours every year for renewal.
3. Provide proof of high school equivalency.

Restrictions

Each hiring agency or department has specific restrictions.

License

Licenses are issued by the Department of Environmental Quality, Water Quality Division. Experience must be earned at the type of plant or system for which certification is desired. Contact hours must be specific to the area for which certification is desired.

Examination

The exams are given by appointment only, Monday through Saturday, at either 9:00 a.m. or 1:30 p.m. at various locations by the Department of Environmental Quality.

Fees

None.

Licensing Agency

Kim Parker
Department of Environmental Quality
Water Quality Division/Water and Wastewater Treatment Operator Certification Program
122 West 25th St.,
Herschler Bldg., 4W
Cheyenne, WY 82002

Phone: (307) 777-6128

Fax: (307) 777-6779

<http://deq.state.wy.us/wqd/opcert/index.asp>

Training Located in Wyoming

Certification opportunities are available from the Wyoming Department of Water Quality. See <http://deq.wyoming.gov/wqd/operator-certification/resources/become-an-operator/Continuing Education>

Requirements

Continuing education is available through the Wyoming Association of Rural Water Systems (<https://www.warws.com/>). See also the DEQ training calendar at <http://deq.state.wy.us/wqd/www/opcert/TrngOpp.asp>

Additional Sources of Information

Occupational Outlook Handbook: "Water and Wastewater Treatment Plant and System Operators"
<http://www.bls.gov/ooh/production/water-and-wastewater-treatment-plant-and-system-operators.htm>
Last Updated June 2019

| Skills | | |
|--|------------------------------|---|
| 51-8031.00 - Water and Wastewater Treatment Plant and System Operators | | |
| Importance | Skill | Skill Description |
| 72 | Operation Monitoring | Watching gauges, dials, or other indicators to make sure a machine is working properly. |
| 69 | Operation and Control | Controlling operations of equipment or systems. |
| 66 | Monitoring | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| 60 | Active Listening | Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times. |
| 60 | Quality Control Analysis | Conducting tests and inspections of products, services, or processes to evaluate quality or performance. |
| 56 | Speaking | Talking to others to convey information effectively. |
| 56 | Critical Thinking | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| 56 | Equipment Maintenance | Performing routine maintenance on equipment and determining when and what kind of maintenance is needed. |
| 56 | Troubleshooting | Determining causes of operating errors and deciding what to do about it. |
| 56 | Repairing | Repairing machines or systems using the needed tools. |
| 53 | Reading Comprehension | Understanding written sentences and paragraphs in work related documents. |
| 53 | Judgment and Decision Making | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| 50 | Mathematics | Using mathematics to solve problems. |

| Tasks | |
|--|--|
| 51-8031.00 - Water and Wastewater Treatment Plant and System Operators | |
| Importance | Task |
| 91 | Add chemicals, such as ammonia, chlorine, or lime, to disinfect and deodorize water and other liquids. |
| 88 | Collect and test water and sewage samples, using test equipment and color analysis standards. |
| 85 | Record operational data, personnel attendance, or meter and gauge readings on specified forms. |

51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers

| | |
|---|-------|
| Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 960 |
| Mean Hourly Wage | 25.26 |
| Mean Annual Wage | 52558 |
| Mining Employment | 220 |
| Mining Mean Hourly Wage | 23.77 |
| Mining Mean Annual Wage | 49433 |
| Construction Mean Hourly Wage | 31.72 |
| Construction Mean Annual Wage | 65980 |
| Manufacturing Employment | 180 |
| Manufacturing Mean Hourly Wage | 25.28 |
| Manufacturing Mean Annual Wage | 52601 |
| Wholesale Trade Mean Hourly Wage | 28.02 |
| Wholesale Trade Mean Ann. Wage | 58281 |
| Transportation Employment | 40 |
| Transportation Mean Hourly Wage | 29.48 |
| Transportation Mean Annual Wage | 61308 |
| Prof. & Technical Employment | 270 |
| Prof. & Technical Mean Hourly Wage | 24.31 |
| Prof. & Technical Mean Ann.Wage | 50560 |
| Admin. Support Mean Hourly Wage | 14.31 |
| Admin. Support Mean Annual Wage | 29760 |
| Northwest Employment | 110 |
| Northwest Mean Hourly Wage | 26.97 |
| Northwest Mean Annual Wage | 56111 |
| Southwest Employment | 110 |
| Southwest Mean Hourly Wage | 26.05 |

| | |
|---|--------|
| Southwest Mean Annual Wage | 54191 |
| Northeast Employment | 120 |
| Northeast Mean Hourly Wage | 24.23 |
| Northeast Mean Annual Wage | 50402 |
| Central-SE Employment | 110 |
| Central-SE Mean Hourly Wage | 30.52 |
| Central-SE Mean Annual Wage | 63482 |
| Cheyenne MSA Employment | 140 |
| Cheyenne MSA Mean Hourly Wage | 25.52 |
| Cheyenne MSA Mean Annual Wage | 53081 |
| Casper MSA Employment | 370 |
| Casper MSA Mean Hourly Wage | 23.16 |
| Casper MSA Mean Annual Wage | 48174 |
| New Hires Survey | |
| New Hires est N | 197.5 |
| New Hires Median \$ | 14.75 |
| New Hires Health Insurance | 65.467 |
| New Hires Retirement Plan | 52.918 |
| New Hires Paid Time Off | 59.857 |
| New Hires Service Orientation Important | 71.145 |

**Total Employment
960
Mean Annual Wage
\$52,558**

| | |
|---|---------|
| New Hires Critical Thinking Important | 47.013 |
| New Hires Reading Comprehension | 76.755 |
| New Hires Female | 17.796 |
| New Hires Male | 82.204 |
| New Hires <20 | 7.3 |
| New Hires 20-24 | 24.5057 |
| New Hires 25-34 | 33.365 |
| New Hires 35-44 | 30.104 |
| New Hires 45-54 | 4.711 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 840 |
| Wyoming Percentage Growth | 3.6 |
| Wyoming Annual Openings | 120 |
| Colorado 2018 Employment | 5130 |
| Colorado Percentage Growth | 0.6 |
| Colorado Annual Openings | 620 |
| Idaho 2018 Employment | 2000 |
| Idaho Percentage Growth | 3.5 |
| Idaho Annual Openings | 280 |
| Montana 2018 Employment | 500 |
| Montana Percentage Growth | 0 |
| Montana Annual Openings | 60 |
| Nebraska 2018 Employment | 4740 |
| Nebraska Percentage Growth | 0.4 |
| Nebraska Annual Openings | 570 |
| South Dakota 2018 Employment | 760 |
| South Dakota Percentage Growth | 0 |
| South Dakota Annual Openings | 90 |
| Utah 2018 Employment | 6500 |
| Utah Percentage Growth | 3.7 |
| Utah Annual Openings | 900 |

| Work Activities | | |
|---|---|---|
| 51-9061.00 - Inspectors, Testers, Sorters, Samplers, and Weighers | | |
| Importance | Work Activity | Work Activity Description |
| 79 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 78 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 71 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 69 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 68 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |

51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers

| Detailed Work Activities | |
|---|--|
| 51-9061.00 - Inspectors, Testers, Sorters, Samplers, and Weighers | |
| Detailed Work Activity | |
| Measure dimensions of completed products or workpieces to verify conformance to specifications. | |
| Read work orders or other instructions to determine product specifications or materials requirements. | |
| Review blueprints or other instructions to determine operational methods or sequences. | |
| Record operational or production data. | |
| Mark products, workpieces, or equipment with identifying information. | |
| Notify others of equipment repair or maintenance needs. | |
| Evaluate quality of materials or products. | |
| Sort materials or products for processing, storing, shipping, or grading. | |
| Analyze test results. | |
| Clean production equipment. | |
| Repair production equipment or tools. | |
| Collect samples of materials or products for testing. | |
| Maintain production or processing equipment. | |
| Smooth metal surfaces or edges. | |
| Monitor equipment operation to ensure proper functioning. | |
| Test chemical or physical characteristics of materials or products. | |
| Advise others on ways to improve processes or products. | |
| Compare physical characteristics of materials or products to specifications or standards. | |
| Mount materials or workpieces onto production equipment. | |
| Stack finished items for further processing or shipment. | |
| Monitor equipment operation to ensure that products are not flawed. | |
| Measure ingredients or substances to be used in production processes. | |
| Weigh finished products. | |
| Instruct workers to use equipment or perform technical procedures. | |
| Disassemble equipment for maintenance or repair. | |
| Inspect sustainable energy production facilities or equipment. | |

| Related Occupations | |
|--|---|
| 51-9061.00 - Inspectors, Testers, Sorters, Samplers, and Weighers | |
| O*NET-SOC Code | O*NET-SOC Title |
| 43-5071.00 | Shipping, Receiving, and Traffic Clerks |
| 43-9051.00 | Mail Clerks and Mail Machine Operators, Except Postal Service |
| 51-2092.00 | Team Assemblers |
| 51-3092.00 | Food Batchmakers |
| 51-4022.00 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic |
| 51-4031.00 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic |
| 51-4121.07 | Solderers and Brazers |
| 51-5113.00 | Print Binding and Finishing Workers |

| Knowledge |
|--|
| 51-9061.00 - Inspectors, Testers, Sorters, Samplers, and Weighers |
| Production and Processing |
| Mathematics |
| English Language |
| Computers and Electronics |
| Education and Training |
| Customer and Personal Service |
| Design |

| Skills | | |
|--|--------------------------|---|
| 51-9061.00 - Inspectors, Testers, Sorters, Samplers, and Weighers | | |
| Importance | Skill | Skill Description |
| 63 | Quality Control Analysis | Conducting tests and inspections of products, services, or processes to evaluate quality or performance. |
| 60 | Active Listening | Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times. |
| 53 | Reading Comprehension | Understanding written sentences and paragraphs in work related documents. |
| 53 | Speaking | Talking to others to convey information effectively. |
| 53 | Critical Thinking | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| 53 | Monitoring | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| 50 | Coordination | Adjusting actions in relation to others' actions. |
| 50 | Operation Monitoring | Watching gauges, dials, or other indicators to make sure a machine is working properly. |

53-2012 Commercial Pilots

| | |
|---|--------|
| Pilot and navigate the flight of small fixed or rotary winged aircraft, primarily for the transport of cargo and passengers. Requires Commercial Rating. Include aircraft instructors with similar certification. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 130 |
| Mean Annual Wage | 80852 |
| Transportation Employment | 70 |
| Transportation Mean Annual Wage | 90511 |
| Northwest Employment | 40 |
| Northwest Mean Annual Wage | 76866 |
| Casper MSA Employment | 20 |
| Casper MSA Mean Annual Wage | 109069 |
| New Hires Survey | |
| New Hires est N | 191.54 |
| New Hires Median \$ | 25 |
| New Hires Health Insurance | 93.094 |

COMMERCIAL PILOTS

SOC Code 53-2012

Entry Salary

\$59,143/year

Average Salary

\$80,852/year

Job Description

Pilots fly aircraft for compensation carrying passengers and/or cargo.

Requirements

1. Must be at least 18 to be a commercial pilot.
2. Meet required flight hours. Then application is made to the Federal Aviation Administration (FAA).
3. Pass written exam and flight test.
4. Must have a 2nd class airman medical certificate.

Restrictions

Some restrictions may apply to the type of aircraft being flown. Medical conditions may impose certain limitations.

School Located in Wyoming

Pilot applicants should check with their local airport fixed base operator to determine if a flight

| | |
|---|--------|
| New Hires Retirement Plan | 76.727 |
| New Hires Paid Time Off | 93.094 |
| New Hires Service Orientation Important | 100 |
| New Hires Critical Thinking Important | 100 |
| New Hires Reading Comprehension | 100 |
| New Hires Female | 32.734 |
| New Hires Male | 50.899 |
| New Hires Sex Unknown | 16.4 |
| New Hires 20-24 | 6.9063 |
| New Hires 35-44 | 23.273 |
| New Hires 45-54 | 53.453 |
| New Hires Age Unknown | 16.4 |

**Total Employment
130
Mean Annual Wage
\$80,852**

instructor is available for training.

License

The Federal Aviation Administration (FAA) administers the commercial pilot license with appropriate ratings and the flight engineer certificate with appropriate ratings.

Examination

The exam is provided as the appropriate training is completed. For more information contact the FAA.

Fees

Designees fee for airman medical certificate.

No examination fees if given by the government; there are fees if administered by a designated examiner.

Licensing Agency

For licensing information, contact:

| Short Term Projections 2018-2020 | |
|----------------------------------|-----|
| Wyoming 2018 Employment | 140 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 10 |
| Colorado 2018 Employment | 760 |
| Colorado Percentage Growth | 2.6 |
| Colorado Annual Openings | 80 |
| Idaho 2018 Employment | 200 |
| Idaho Percentage Growth | 5 |
| Idaho Annual Openings | 30 |
| Montana 2018 Employment | 960 |
| Montana Percentage Growth | 1 |
| Montana Annual Openings | 90 |
| Nebraska 2018 Employment | 480 |
| Nebraska Percentage Growth | 2.1 |
| Nebraska Annual Openings | 50 |
| South Dakota 2018 Employment | 350 |
| South Dakota Percentage Growth | 5.7 |
| South Dakota Annual Openings | 40 |
| Utah 2018 Employment | 290 |
| Utah Percentage Growth | 0 |
| Utah Annual Openings | 30 |

Federal Aviation Administration

Flight Standards District Office

951 Werner Court

Casper, WY 82601

Phone: (800) 325-5785

http://www.faa.gov/licenses_certificates/airmen_certification/ (general website)

http://www.faa.gov/about/office_org/field_offices/fsdo/cas/ (local website)

For Aerial Spraying and Hunting:

Wyoming Dept. of Agriculture

2219 Carey Avenue

Cheyenne, WY 82002

Phone: (307) 777-7321

<http://agriculture.wy.gov/>

Additional Sources of Information

Amy Surdam, Administrator

Wyoming Department of

Transportation

Aeronautics Division

200 E. 8th Ave.

53-2012 Commercial Pilots

Cheyenne, WY 82001
 Phone: (307) 777-3953
<http://www.dot.state.wy/home/aeronautics.html>
 Aircraft Owners and Pilots Association
 421 Aviation Way
 Frederick, MD 21701
 Phone: (800) 872-2672

| Technology Skills | |
|---|---|
| 53-2012.00 - Commercial Pilots | |
| Category | Example |
| Analytical or scientific software | Pilot Navigator Software Load Balance |
| Calendar and scheduling software | SBS International Maestro Suite |
| Data base user interface and query software | Airline Pilots Daily Aviation Logs PPC |
| Data base user interface and query software | AirSmith FlightPrompt |
| Data base user interface and query software | doXstor Flight Level Logbook |
| Data base user interface and query software | Skylog Services Skylog Pro |
| Development environment software | Standard generalized markup language SGML |
| Flight control software | Flight simulation software |
| Information retrieval or search software | AeroPlanner |
| Information retrieval or search software | Notam Development Group Airport Insight |
| Office suite software | Microsoft Office |
| Route navigation software | Navzilla |

| Work Activities | | |
|--------------------------------|---|--|
| 53-2012.00 - Commercial Pilots | | |
| Importance | Work Activity | Work Activity Description |
| 95 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 89 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 88 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 85 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 84 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 82 | Controlling Machines and Processes | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |
| 77 | Evaluating Information to Determine Compliance with Standards | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| 76 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 72 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |
| 71 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 66 | Estimating the Quantifiable Characteristics of Products, Events, or Information | Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity. |
| 65 | Establishing and Maintaining Interpersonal Relationships | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| 65 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 63 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |

53-3022 Bus Drivers, School or Special Client

| | |
|--|-------|
| Transport students or special clients, such as the elderly or persons with disabilities. Ensure adherence to safety rules. May assist passengers in boarding or exiting. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 1360 |
| Mean Hourly Wage | 18.36 |
| Mean Annual Wage | 38191 |
| Educational Employment | 1030 |
| Educational Mean Hourly Wage | 19.08 |
| Educational Mean Annual Wage | 39677 |
| Health Care Employment | 80 |
| Health Care Mean Hourly Wage | 13.29 |
| Health Care Mean Annual Wage | 27642 |
| Northwest Employment | 240 |
| Northwest Mean Hourly Wage | 18.65 |
| Northwest Mean Annual Wage | 38809 |
| Southwest Employment | 270 |
| Southwest Mean Hourly Wage | 19.68 |
| Southwest Mean Annual Wage | 40934 |
| Northeast Employment | 310 |
| Central-SE Employment | 290 |
| Central-SE Mean Hourly Wage | 17.63 |
| Central-SE Mean Annual Wage | 36663 |

BUS DRIVERS, SCHOOL OR SPECIAL CLIENT

SOC Code 53-3022

Entry Salary

\$16.65/hr

Average Salary

\$18.36/hr

Job Description

School Bus Drivers operate motor vehicles to transport passengers and provide a safe atmosphere.

Requirements

1. Good driving record.
2. Must be at least 18 years old.
3. Pass physical examination.
4. Pass drug and alcohol test.
5. Submit to a background check.
6. Annual training requirement of at least six hours.
7. Have a current DOT Medical Examiners Certificate.

Restrictions

None.

| | |
|---|--------|
| Cheyenne MSA Employment | 150 |
| Cheyenne MSA Mean Hourly Wage | 18.72 |
| Cheyenne MSA Mean Annual Wage | 38921 |
| Casper MSA Employment | 110 |
| Casper MSA Mean Hourly Wage | 19.96 |
| Casper MSA Mean Annual Wage | 41511 |
| New Hires Survey | |
| New Hires est N | 336.58 |
| New Hires Median \$ | 15.69 |
| New Hires Health Insurance | 30.435 |
| New Hires Retirement Plan | 47.826 |
| New Hires Paid Time Off | 47.826 |
| New Hires Service Orientation Important | 65.217 |
| New Hires Critical Thinking Important | 86.957 |

**Total Employment
1,360
Mean Annual Wage
\$38,191**

School Located in Wyoming

Most school districts provide new employees with on-the-job training. Go to <http://www.wsba-wy.org/district.contact.asp> for a complete list of school districts.

License

All school bus drivers must have a Wyoming Commercial Drivers License (CDL) with S (school bus) and P (passenger) endorsements.

Examination

The drivers license may be obtained at any Wyoming Department of Transportation Office. For a list of offices, visit http://www.dot.state.wy.us/home/driver_license_records/license_locations.default.html

Fees

Initial License. . . \$25.00 + \$40.00

| | |
|---|---------|
| New Hires Reading Comprehension | 69.565 |
| New Hires Female | 69.565 |
| New Hires Male | 30.435 |
| New Hires <20 | 8.7 |
| New Hires 20-24 | 13.0435 |
| New Hires 25-34 | 13.043 |
| New Hires 35-44 | 26.087 |
| New Hires 45-54 | 8.696 |
| New Hires 55-64 | 26.087 |
| New Hires Age Unknown | 4.3 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 1380 |
| Wyoming Percentage Growth | 0 |
| Wyoming Annual Openings | 160 |
| Colorado 2018 Employment | 6210 |
| Colorado Percentage Growth | 2.9 |
| Colorado Annual Openings | 840 |
| Idaho 2018 Employment | 2790 |
| Idaho Percentage Growth | 6.8 |
| Idaho Annual Openings | 440 |
| Montana 2018 Employment | 1940 |
| Montana Percentage Growth | 1.5 |
| Montana Annual Openings | 250 |
| Nebraska 2018 Employment | 3770 |
| Nebraska Percentage Growth | 1.9 |
| Nebraska Annual Openings | 490 |
| South Dakota 2018 Employment | 1370 |
| South Dakota Percentage Growth | 0.7 |
| South Dakota Annual Openings | 170 |
| Utah 2018 Employment | 2980 |
| Utah Percentage Growth | 4.4 |
| Utah Annual Openings | 430 |

if given road test.

Renewal (Every 4 Years). . . \$20.00

Licensing Agency

Wyoming Dept. of Transportation
Driver Services Customer Service
5300 Bishop Blvd.

Cheyenne, WY 82009

Phone: (307) 777-4800

Fax: (307) 777-4803

http://www.dot.state.wy.us/home/driver_license_records/license_commercial/driver-certification.html

Additional Sources of

53-3022 Bus Drivers, School or Special Client

Information

Occupational Outlook Handbook:
 “Bus Drivers”; <http://www.bls.gov/ooh/transportation-and-material-moving/bus-drivers.htm>

Last Updated June 2019

| Tasks | |
|--|--|
| 53-3022.00 - Bus Drivers, School or Special Client | |
| Importance | Task |
| 96 | Follow safety rules as students board and exit buses or cross streets near bus stops. |
| 95 | Comply with traffic regulations to operate vehicles in a safe and courteous manner. |
| 92 | Report any bus malfunctions or needed repairs. |
| 92 | Check the condition of a vehicle's tires, brakes, windshield wipers, lights, oil, fuel, water, and safety equipment to ensure that everything is in working order. |
| 91 | Pick up and drop off students at regularly scheduled neighborhood locations, following strict time schedules. |
| 91 | Maintain order among pupils during trips to ensure safety. |
| 88 | Report delinquent student behaviors to school administration. |
| 83 | Drive gasoline, diesel, or electrically powered multi-passenger vehicles to transport students between neighborhoods, schools, and school activities. |
| 82 | Maintain knowledge of first-aid procedures. |
| 80 | Report delays, accidents, or other traffic and transportation situations, using telephones or mobile two-way radios. |
| 80 | Record bus routes. |
| 79 | Prepare and submit reports that may include the number of passengers or trips, hours worked, mileage, fuel consumption, or fares received. |

| Work Activities | | |
|--|--|--|
| 53-3022.00 - Bus Drivers, School or Special Client | | |
| Importance | Work Activity | Work Activity Description |
| 75 | Operating Vehicles, Mechanized Devices, or Equipment | Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. |
| 73 | Getting Information | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| 71 | Identifying Objects, Actions, and Events | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| 67 | Inspecting Equipment, Structures, or Material | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |
| 67 | Making Decisions and Solving Problems | Analyzing information and evaluating results to choose the best solution and solve problems. |
| 66 | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| 62 | Performing for or Working Directly with the Public | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| 61 | Monitor Processes, Materials, or Surroundings | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| 59 | Resolving Conflicts and Negotiating with Others | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| 58 | Communicating with Supervisors, Peers, or Subordinates | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| 55 | Organizing, Planning, and Prioritizing Work | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| 55 | Documenting/Recording Information | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| 53 | Updating and Using Relevant Knowledge | Keeping up-to-date technically and applying new knowledge to your job. |

53-3032 Heavy and Tractor-Trailer Truck Drivers

| | |
|---|-------|
| Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license. | |
| OES (March 2018 Updated to March 2019 ECI) | |
| Total Employment | 6340 |
| Mean Hourly Wage | 25.02 |
| Mean Annual Wage | 52053 |
| Mining Employment | 1150 |
| Mining Mean Hourly Wage | 26.7 |
| Mining Mean Annual Wage | 55536 |
| Construction Employment | 700 |
| Construction Mean Hourly Wage | 23.09 |
| Construction Mean Annual Wage | 48022 |
| Manufacturing Employment | 280 |
| Manufacturing Mean Hourly Wage | 21.53 |
| Manufacturing Mean Annual Wage | 44776 |
| Wholesale Trade Employment | 540 |
| Wholesale Trade Mean Hourly Wage | 22.04 |
| Wholesale Trade Mean Annual Wage | 45829 |
| Retail Trade Mean Hourly Wage | 22.34 |
| Retail Trade Mean Annual Wage | 46448 |
| Transportation Employment | 2810 |
| Transportation Mean Hourly Wage | 26.56 |
| Transportation Mean Annual Wage | 55241 |
| Real Estate Employment | 70 |
| Real Estate Mean Hourly Wage | 24.5 |
| Real Estate Mean Annual Wage | 50977 |
| Admin. Support Employment | 220 |
| Admin. Support Mean Hourly Wage | 22.54 |
| Admin. Support Mean Annual Wage | 46900 |
| Public Admin. Employment | 110 |
| Public Admin. Mean Hourly Wage | 21.2 |
| Public Admin. Mean Annual Wage | 44085 |
| Northwest Employment | 1010 |

HEAVY AND TRACTOR-TRAILER TRUCK DRIVERS SOC Code 53-3032

Entry Salary

\$20.47/hr

Average Salary

\$25.02/hr

Job Description

Truck Drivers operate, repair and maintain tractor-trailer

**Total Employment
6,340
Mean Annual Wage
\$52,053**

| | |
|---|---------|
| Northwest Mean Hourly Wage | 21.67 |
| Northwest Mean Annual Wage | 45083 |
| Southwest Employment | 1380 |
| Southwest Mean Hourly Wage | 24.7 |
| Southwest Mean Annual Wage | 51368 |
| Northeast Employment | 1500 |
| Northeast Mean Hourly Wage | 24.9 |
| Northeast Mean Annual Wage | 51782 |
| Central-SE Employment | 630 |
| Central-SE Mean Hourly Wage | 28.02 |
| Central-SE Mean Annual Wage | 58271 |
| Cheyenne MSA Employment | 960 |
| Cheyenne MSA Mean Hourly Wage | 25.63 |
| Cheyenne MSA Mean Annual Wage | 53316 |
| Casper MSA Employment | 810 |
| Casper MSA Mean Hourly Wage | 26.73 |
| Casper MSA Mean Annual Wage | 55608 |
| New Hires Survey | |
| New Hires est N | 5911.11 |
| New Hires Median \$ | 18.25 |
| New Hires Health Insurance | 46.118 |
| New Hires Retirement Plan | 35.254 |
| New Hires Paid Time Off | 41.387 |
| New Hires Service Orientation Important | 74.041 |

combination vehicles. They maintain equipment and Department of Transportation (DOT) records. They interact with clients for load pick-up and delivery.

Requirements

1. Must be at least 18 years old to drive in the state and at least 21 years old to drive interstate.
2. DOT Physical.

| | |
|---|--------|
| New Hires Critical Thinking Important | 89.864 |
| New Hires Reading Comprehension | 72.903 |
| New Hires Female | 10.923 |
| New Hires Male | 87.884 |
| New Hires Sex Unknown | 1.2 |
| New Hires <20 | 2.7 |
| New Hires 20-24 | 6.4728 |
| New Hires 25-34 | 24.132 |
| New Hires 35-44 | 20.187 |
| New Hires 45-54 | 23.843 |
| New Hires 55-64 | 14.265 |
| New Hires 65+ | 6.9 |
| New Hires Age Unknown | 1.4 |
| Short Term Projections 2018-2020 | |
| Wyoming 2018 Employment | 6460 |
| Wyoming Percentage Growth | 6 |
| Wyoming Annual Openings | 900 |
| Colorado 2018 Employment | 27460 |
| Colorado Percentage Growth | 4.7 |
| Colorado Annual Openings | 3610 |
| Idaho 2018 Employment | 12290 |
| Idaho Percentage Growth | 4.7 |
| Idaho Annual Openings | 1610 |
| Montana 2018 Employment | 6760 |
| Montana Percentage Growth | 1.3 |
| Montana Annual Openings | 760 |
| Nebraska 2018 Employment | 29280 |
| Nebraska Percentage Growth | 2.2 |
| Nebraska Annual Openings | 3440 |
| South Dakota 2018 Employment | 8540 |
| South Dakota Percentage Growth | 2.5 |
| South Dakota Annual Openings | 1010 |
| Utah 2018 Employment | 25550 |
| Utah Percentage Growth | 6.1 |
| Utah Annual Openings | 3550 |

3. Pass the state Commercial Drivers License (CDL) exam, written and practical.

4. Must take written exam if hazardous materials endorsement is part of the license.

5. Must pass background check before hazardous materials endorsement is issued.

6. If a driver has a current

53-3032 Heavy and Tractor-Trailer Truck Drivers

commercial drivers license (CDL) and requires the S and P endorsements, a written test is required and the driver must obtain a CPL and hold it for 14 days.

Restrictions

Must be found medically qualified to drive by a certified medical examiner.

School Located in Wyoming

Sage Technical Services - Casper and Cheyenne - <https://www.sageschools.com/locations/>

License

All Truck Drivers in Wyoming,

under Federal mandate must be licensed by the Department of Transportation, Driver Services.

Examination

The written exam is administered at the local drivers license offices daily. Once the written exam is completed and passed a commercial learners permit (CLP) is issued and must be held for at least 14 days. The practical test is given by appointment only.

Fees

License (CLP) \$40.00
Skills test \$80.00

License (CDL). \$50.00
CDL Renewal
(Every 4 Years). \$40.00

Licensing Agency

Driver Services, Customer Service
Department of Transportation
5300 Bishop Blvd.

Cheyenne, WY 82009
Phone: (307) 777-4800
Fax: (307) 777-4803

http://www.dot.state.wy.us/wydot/home/driver_license_records/license_commercial.html

Additional Sources of Information

Wyoming Trucking Association
P.O. Box 1175

555 N. Poplar
Casper, WY 82602

Phone: (307) 234-1579
<http://www.wytruck.org/index.php>

Occupational Outlook Handbook:
"Heavy and Tractor-trailer Truck Drivers"

<http://www.bls.gov/ooh/transportation-and-material-moving/heavy-and-tractor-trailer-truck-drivers.htm>

Last updated June 2019

| Tasks | |
|---|---|
| 53-3032.00 - Heavy and Tractor-Trailer Truck Drivers | |
| Importance | Task |
| 89 | Check vehicles to ensure that mechanical, safety, and emergency equipment is in good working order. |
| 88 | Follow appropriate safety procedures for transporting dangerous goods. |
| 85 | Inspect loads to ensure that cargo is secure. |
| 85 | Maintain logs of working hours or of vehicle service or repair status, following applicable state and federal regulations. |
| 84 | Secure cargo for transport, using ropes, blocks, chain, binders, or covers. |
| 84 | Maneuver trucks into loading or unloading positions, following signals from loading crew and checking that vehicle and loading equipment are properly positioned. |
| 83 | Report vehicle defects, accidents, traffic violations, or damage to the vehicles. |
| 82 | Obtain receipts or signatures for delivered goods and collect payment for services when required. |
| 81 | Drive trucks with capacities greater than 3 tons, including tractor-trailer combinations, to transport and deliver products, livestock, or other materials. |
| 81 | Check all load-related documentation for completeness and accuracy. |
| 80 | Read bills of lading to determine assignment details. |
| 80 | Collect delivery instructions from appropriate sources, verifying instructions and routes. |
| 80 | Drive trucks to weigh stations before and after loading and along routes in compliance with state regulations. |
| 79 | Couple or uncouple trailers by changing trailer jack positions, connecting or disconnecting air or electrical lines, or manipulating fifth-wheel locks. |
| 79 | Check conditions of trailers after contents have been unloaded to ensure that there has been no damage. |
| 77 | Perform basic vehicle maintenance tasks, such as adding oil, fuel, or radiator fluid or performing minor repairs. |
| 77 | Crank trailer landing gear up or down to safely secure vehicles. |
| 77 | Read and interpret maps to determine vehicle routes. |
| 72 | Operate equipment, such as truck cab computers, CB radios, phones, or global positioning systems (GPS) equipment to exchange necessary information with bases, supervisors, or other drivers. |

| Knowledge |
|---|
| 53-3032.00 - Heavy and Tractor-Trailer Truck Drivers |
| Knowledge Description |
| Knowledge of principles and methods for moving people or goods by air, rail, sea, or road, including the relative costs and benefits. |
| Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions. |
| Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction. |
| Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar. |