



## 2025 Enhancements: Workforce Innovations for a New Nevada - NSHE Capacity Program Application

The Workforce Innovations for a New Nevada (WINN) Fund was established to provide programs of workforce recruitment, assessment or training to the benefit of new or expanding companies in Nevada.

This application is to be completed by a representative of an Authorized Provider per NRS 231.1415 who wishes to provide a workforce training program with WINN funding. A separate application is necessary for each training program. Applications requesting funding in excess of \$100,000 must be reviewed and approved by the Board.

On December 2, 2021, GOED's Board approved minimum wage thresholds for WINN Fund investments. Jobs supported by the training program in this proposal must pay at least \$17 per hour; additional requirements apply and supplemental information may be requested to complete the application process.

(updated January 2025)

### Authorized Provider Information

**Institution Name**

Board of Regents, Nevada System of Higher Education, obo Great Basin College

**Address**

1500 College Parkway, Elko, Nevada 89801-5032

**Project Point of Contact**

Nicole Maher

**Title**

Grants Director

**Phone**

(775) 761-2624

**Email**

nicole.maher@gbcnv.edu

**Workforce Development Program Experience**

Great Basin College has extensive experience working with industry to provide workforce development programs. Since the college's inception in 1967, GBC has created more than 50 Associate, Bachelor and Certificate of Achievement programs aimed at filling workplace needs. The college also offers Industry Skills Certificates (less than 30 credits) to prepare students to fill in-demand positions.

NORCAT was founded in 1995 by a team of business and academic visionaries who recognized the need for an organization to promote, educate, and support local entrepreneurs, tech innovators, and skilled labour workers to enable long-term and sustainable economic and social prosperity for Northern Ontario, Canada. Since that time, NORCAT has evolved to be a multi-national, global company offering programs,

services, and resources that provide industry with the skills, competencies, and confidence to fulfill their diverse and ambitious priorities and career aspirations.

In fall 2024, Great Basin College and NORCAT joined to establish GBC-NORCAT Mine Skills Training (MST). The startup, which officially launched on January 1, 2025, has been a tremendous success in terms of establishing a one-stop-shop for mine skills development and advisory services for the Nevada mining industry. With generous help from the GOED WINN fund (\$832,230) the partnership has been able to rapidly establish and equip the center with the best world-class training curriculum, equipment, and learning technologies. The support for startup staffing has also assisted in de-risking the establishment of the center for Great Basin College and NORCAT, which are both non-profit organizations.

Over the past 10 years, NORCAT has opened four locations following a similar business model to the one implemented in the GBC-NORCAT MST partnership. To date NORCAT's new market entries have all been overwhelmingly successful, each becoming self-sufficient within a 2-year period of time. Using this track record and similar approach and growth trajectory, GBC-NORCAT MST anticipates it can become self-sustaining by June 30, 2026.

Primary applicants must be able to effectively track and document expenses related to this grant, procure equipment in a timely fashion, maintain procedures and internal controls for accounting, and have infrastructure for maintaining data and completing reports.

### Organizational Capacity

Great Basin College uses the Workday accounting system to set up, maintain and close out grants. GBC has many years of experience managing grants from federal, state and local sources, as well as private foundations. GBC has adequate financial staffing and experience to implement and manage grants and is prepared to comply with any required assurances.

GBC can provide documentation regarding its internal controls, financial managements policies, conflict of interest policy, civil rights policy, student privacy policy and/or sample ledgers of expenditures as needed. Great Basin College has been accredited through the Northwest Commission on Colleges and Universities (NWCCU) since 1974. The accreditation was most recently reaffirmed in 2021.

## Project Information

### Project Name

GBC-NORCAT Mine Skills Training Expansion

### Primary Economic Sector

Natural Resources & Technologies



Please visit [oneline.org](https://oneline.org) to obtain workforce characteristics, specifically from the wages and employment trends section of the tool. In the upper right-hand corner of [oneline.org](https://oneline.org) you will find an occupation keyword search. Please enter the best term to align with this project and economic sector (i.e., machinist). Select the best occupation/code and scroll down to the workforce characteristics section that begins with

"wages and employment trends." Next, enter state/zip code for the area this project best serves and select "go." Please save and attach these data trend charts (annual/hourly) and prepare a narrative that describes career pathways in this sector in context with national, state and local wage trends. You may include up to five attachments for each occupation/code fitting for this project.

**O\*Net OnLine Workforce Characteristics: Wage & Employment Trends (charts/graphics)**

GBC NORCAT MST.ONET Binder.0625.pdf

**O\*Net OnLine Workforce Characteristics: Wage & Employment Trends (career pathway narrative)**

ONET Online Workforce Characteristics.GBC-NORCAT MST.docx

## Employer Partner(s)

### Company 1

**Company Name**

KG Mining (Bald Mountain) Inc.

**Company Point of Contact**

Fallon M. Dalling, External Affairs Specialist

**E-mail**

fallon.dalling@kinross.com

**Job Titles to Be Filled**

Various

**Number of Job Openings to be Assisted**

90

**Average Hourly Wage for Job Hires**

\$23/hour - \$50/hour

**Employer Commitment & Support Letter**

GBC NORCAT MST Letter Of Support.Kinross.pdf

**Workforce Disruption - Prior 12 Months**

No

### Company 2

**Company Name**

Nevada Gold Mines (NGM)

**Company Point of Contact**

James Clark, Head of Mining, North America

**E-mail**

j.clark@barrick.com

**Job Titles to Be Filled**

Various

**Number of Job Openings to be Assisted**

500

**Average Hourly Wage for Job Hires**

\$26/hour - \$42/hour

**Employer Commitment & Support Letter**

GBC NORCAT MST Letter Of Support.Barrick Gold.pdf

**Workforce Disruption - Prior 12 Months**

No

### Company 3

**Company Name**

Orla Mining

**Company Point of Contact**

Don Dwyer, General Manager, South Carlin Complex

**E-mail**

dondwyer@orlaminig.com

**Job Titles to Be Filled**

Various

**Number of Job Openings to be Assisted**

300

**Average Hourly Wage for Job Hires**

\$20/hour - \$45/hour

**Employer Commitment & Support Letter**

GBC-NORCAT MST Letter of Support.Orla Mining.pdf

**Workforce Disruption - Prior 12 Months**

No

## Company 4

**Company Name**

Lithium Americas

**Company Point of Contact**

Sheldon Hurst, Site Operations Director

**E-mail**

sheldon.hurst@lithiumamericas.com

**Job Titles to Be Filled**

Various

**Number of Job Openings to be Assisted**

350

**Average Hourly Wage for Job Hires**

\$32/hour - \$44/hour

**Employer Commitment & Support Letter**

GBC NORCAT MST Letter Of Support - Lithium Americas.pdf

**Workforce Disruption - Prior 12 Months**

No

## Statement of Need

### Needs Assessment

Northern Nevada has been a hub for the critical minerals industry for many years. North-central Nevada is home to three of the world's top 10 gold mines and seven of the top 10 US sites. The Thacker Pass lithium mine, a lithium clay mining development project in Humboldt County, is also the largest known lithium deposit in the US and one of the largest in the world, and is believed by some to have the potential to supply up to 25% of the world's lithium demand. In addition, other industry is coming to the region in search of a business-friendly economic and tax environment, and interstate- and rail-ready location.

Today's companies are sophisticated, global conglomerates that must quickly adapt to shifting economic demands, especially with regard to raising up a ready workforce. They are looking for efficient, customized training that will result in a substantial return on investment—and according to the 2024 GOED Annual Report shares, unemployed workers are looking for better employment opportunities.

It sounds like a win-win for both companies and workforce. However, the August 2023 publication, "Examination of the Relationship between Workforce Development, Housing, Education and Childcare Services, and Healthcare Services: A White Paper," published by the University Center for Economic

Development in the College of Business at the University of Nevada, Reno, identifies that gaps in the availability of educational services in Nevada are “limiting the growth of local and regional workforces.”

The report, which highlights findings from five survey questions regarding workforce development needs, corroborates anecdotal observations on the part of GBC and NORCAT regarding the increasing difficulty for critical industry sectors to fill open and/or vacant employment positions due to a lack of available and industry-specific training.

In addition to northern Nevada’s expansive critical minerals space, the 2024 GOED Annual Report also highlights the area’s “diversification” into lithium, an essential component in the batteries that power electric vehicles. The “lithium loop” is placing northern Nevada, and especially Humboldt County, at the forefront of this global industry. But again, as the Nevada Office of Workforce Innovation (OWINN) shows (“Why Workforce Development Matters”) without adequate supports, there is a possibility that as new companies move into, and established companies expand across, the GBC service area, and more particularly Elko, Humboldt and Lander counties, they might not be able to harvest the workers they need for the jobs they bring.

The GBC-NORCAT Mine Skills Training program was launched to specifically address these challenges. Rather than offer a program that can feed multiple companies with newly trained workers (which GBC already does very well, and will continue to do well) GBC-NORCAT focuses on meeting individual company needs through training and customized solutions that can quickly translate to production goals, expansion timelines and more. With a training partner like GBC-NORCAT MST, Nevada’s natural resources and technology sector can see greater job growth and higher annual earnings, especially for upskilled and nontraditional workers who, without this training opportunity, would never be able to access the training they need to enter the current fast-moving workforce.

In six months, GBC-NORCAT MST has successfully trained 152 new and incumbent workers in Health, Safety and Environment; Mining Fundamentals; Hazard Communication Standards; Battery Electric Vehicle Awareness; Confined Space Awareness; Working at Heights; Basics of Hoisting and Rigging; General Lock Out Tag Out; Extended Services; Operating Mobile Elevated Work Platforms; Operating Forklifts; and/or Train the Trainer. Students represent four different mining companies, Great Basin College, and the Fort McDermitt Paiute-Shoshone Nation. In addition, within these first six months, GBC-NORCAT MST is providing advisory services to one major industry partner; has provided train the trainer and supervisory training to three others; and, is conferring with one additional company to potentially provide Working at Heights training to that company’s contractors.

## **Program Objectives and Outcomes**

### **Program Overview**

GBC-NORCAT MST is purposed in developing and enhancing workforce capabilities in the region.

Through this workforce-focused partnership, GBC is focused on building new and expanding current postsecondary training opportunities with subject matter expertise from NORCAT’s 30-year history of successful training and development programs and services. NORCAT is focused on providing industry-leading corporate mine skills training and advisory services, backed by GBC’s vast rural network and longstanding industry relationships in the region.

The GBC-NORCAT MST is introducing a new era in educational-corporate partnership by:

1. Offering initial mining training to potential hires and/or screened/probationary hires with a pathway to entry-level positions in the mining industry;
2. Defining future industry training requirements to be delivered through the GBC-NORCAT MST, in collaboration with industry and communities; and,

3. Partnering on corporate training and advisory opportunities as they emerge that help to strengthen and add value to Nevada's mining and mining-related industries.

The GBC-NORCAT Mine Skills Training growth mindset is: start small – grow fast! The average timeframe for a new business startup to break even is 24-48 months. Ninety percent of new startups fail and 10% fail within the first year; what's more, almost all startups do not break even in the first year of operations. One of the highest success rates is mining-related startups where stats indicate approximately 50% are successful.

With the above-noted statistics, it is clear that the GOED WINN funding package granted to GBC-NORCAT MST has greatly de-risked the venture's first six months of operations and has enabled the partnership to begin strengthening industry relationships without the worry of Year 1 startup costs. In addition, although the GBC-NORCAT MST is a new startup, GBC and NORCAT individually bring a wealth of experience and already established relationships, which have allowed Nevada industry to quickly reach out for pressing health and safety and mines skills training needs.

GBC-NORCAT MST is seeking continuing salary and other support from GOED WINN for the period starting July 1, 2025 through June 30, 2026. This support would bring the initiative to the 1.5 years of operations milestone. By the end of 18 months of solid operations, the center will generate sufficient revenue to break even. Although this target is ambitious, and will beat the startup business statistics mentioned above, the momentum and deal-flow the MST has already achieved will allow the venture to break even at a faster rate than industry averages.

### **Employer Engagement**

GBC-NORCAT Mine Skills Training has been founded by a team of business and academic visionaries who are intent on promoting, educating and supporting regional industry, including established companies, entrepreneurs, tech innovators, and skilled labor workers, to enable long-term and sustainable economic and social prosperity for rural Nevada.

The role of community stakeholders is to work one-on-one with GBC-NORCAT MST to build the programs, services, and resources they need to fulfill their diverse priorities, goals and career aspirations.

Company needs will be varied. They might focus on health and safety hazards that require identifying best practices for incident prevention during daily activities, or they might require knowledge and skills for a specific operational upgrade that will be coming online. Whatever the need, GBC-NORCAT's five-step methodology and approach can develop complete training solutions from concept to implementation:

(1) Analysis of needed instructional content, including course learning objectives, stakeholder input, milestones, task schedules, and progress measurement devices; (2) Design of the content framework by identifying the topics and content and determining an educational approach that is aligned with the learning objectives and scope defined during the analysis; (3) Developing content into a draft training program for stakeholders and subject matter experts to review, including eLearning, classroom and in-the-field delivery and assessment methods; (4) Delivering the training via a train-the-trainer model; and, (5) Evaluating the effectiveness of the training using a pilot group of learners, representative of the target population, and reviewing/documenting any needed improvements.

As an example of meeting future industry trends, GBC-NORCAT can work with employers to recreate their operator control rooms in 3D design which can be programmed to function according to real-life parameters. These simulated control rooms can be presented to the learner via touch screen devices or large format touch screen TVs and can be used to train operators prior to operating the actual equipment. Another example is to develop virtual reality (VR) modules where a worker must perform various maintenance tasks in a virtual process plant to practice their skills.

### **Capacity-Building Program Design**

The GBC-NORCAT MST startup has been a tremendous success in terms of establishing a one-stop shop for mine skills and health and safety training. Beginning January 1, 2025, operations activities included setting up the location as a world-class training center, and training new staff in the full curriculum of learning technologies. GBC-NORCAT hired a full-time director and trainer, who have trained both new and incumbent workers in Health, Safety and Environment; Mining Fundamentals; Hazard Communication Standards; Battery Electric Vehicle Awareness; Confined Space Awareness; Working at Heights; Basics of Hoisting and Rigging; General Lock Out Tag Out; Extended Services; Operating Mobile Elevated Work Platforms; Operating Forklifts; and/or Train the Trainer. GBC-NORCAT MST has also been preparing to offer MSHA training.

The company has also successfully launched the advisory services side of its operation. For example, GBC-NORCAT MST is currently providing advisory services to a major industry partner that includes planning, designing, and building a training strategy, curriculum, and standard operating procedures for the company's new construction. This project will help the company prepare for construction, ramp-up, and steady state operations from a human capital standpoint, ensuring that their operations will have the right training in place at the right time, with an appropriate budget. The MST will also act as the company's training partner, upskilling new hires so they are capable of performing their work upon successful completion of the construction.

Both mine skills and health and safety training, and customized advisory services, are based on a fee-for-service model that GBC-NORCAT MST will continue to build upon to generate revenue to support the center long-term. As mining and mining supply companies hear about the GBC-NORCAT MST facility, they are reaching out to learn how the center can meet their specific needs. Awareness is building by the day, as are the opportunities, all within a short six months of operation.

The GBC-NORCAT MST will offer regularly scheduled training programs on a public-facing training calendar online where clients can enroll workers in training as needed. The MST also will continue to deliver training according to clients' needs on-demand at the facility and at client locations.

Over the past 10 years NORCAT has opened four locations following a similar business model. To date, NORCAT's new market entries have all been overwhelmingly successful, each becoming self-sufficient within a 2-year period of time. The growth trajectory at the GBC-Elko MST center shows that a self-sustaining operation is within reach at 18 months, by July 1, 2026.

In the GBC-NORCAT MST Partnership Agreement, both organizations agree to provide in-kind services and resources to the operations. This includes facility space and resources, strategic business development and guidance, marketing, and other key business-related expenses. Therefore, the cost of operations on a yearly basis is the direct cost of wages and total compensation package for those employed by GBC to work at the GBC-NORCAT MST facility. The MST estimates direct out-of-pocket operating cost of the center is approximately \$327,000, representing salary/fringe for a full-time director, one full-time trainer, and a part-time administrative assistant. Due to the anticipated increase in business volume, GBC-NORCAT is also planning to add a second full-time trainer salary. Excluding GBC and NORCAT's in-kind yearly operating contributions, the facility must generate \$448,500 yearly to become self-sustaining. Reaching this target is very realistic as follows:

100 MSHA New Miner – Underground, \$500/person, \$50,000 total; 100 MSHA New Miner – Surface, \$375/person, \$37,500 total; 200 MSHA Annual Refresher, \$125/person, \$25,000 total; 144 Working at Heights, \$199/person, \$28,656 total; 12 New Miner Fundamentals, \$800/person, \$9,600 total; 24 Forklift, \$350/person, \$8,400 total; 24 Elevated Work Platform, \$350, \$8,400 total; Client Custom Site-Specific Training: \$250,000; and, Advisory Services: \$100,000. ESTIMATED TOTAL = \$517,556.

The above estimates are based on NORCAT's experience in terms of course participation levels in a new

startup location and trends in service delivery currently seen at GBC-NORCAT MST. The exact course mix may differ from the above list as the list is an estimate based on trends. GBC-NORCAT MST is currently in discussions with clients to deliver their site-specific training programs starting in the winter of 2025-2026 and progressing through summer 2026. The partnership also anticipates an extension to an existing advisory contract which will generate, at a minimum, the value indicated in the chart for advisory services within the next 24 months.

To further de-risk operational costs, GBC and NORCAT have agreed not to take any profit revenue share from monies generated by the partnership until at least six months of operating costs are banked. This will provide GBC-NORCAT MST some leeway for any unforeseen shortfalls in revenue and/or for further investment into the facility for equipment or other business-related items.

**Will this program include funding for staff?**

Yes

**Will this program include funding for existing staff?**

Yes

### **Justification for Existing Staff**

Currently, GBC-NORCAT MST has one (1) director; one (1) trainer; one (1) administrative assistant; and two (2) administrators (one 15% effort paid by GBC and one 15% effort paid by NORCAT). As GBC-NORCAT MST begins the 2025-2026 program year, the partnership plans to hire one (1) additional trainer on an on-call basis until existing staff are generating sufficient revenue to pay for existing operating expenses. Hiring an on-call trainer will enable GBC-NORCAT MST to scale in a no-risk manner since the trainer will only collect a wage when he or she is performing work.

### **Recruitment**

GBC-NORCAT MST has a two-fold purpose with regard to workforce recruitment: (1) Connect job seekers with customized education and training that will lead to high-skill, high-wage and in-demand jobs; and, (2) Connect employers with customized, sustainable tools and solutions that will help them recruit new talent and upskill existing employees.

GBC-NORCAT focuses on operation-specific learning pathways tailored to the local context through pre- and post-employment training. This emphasis on immediate job readiness will bridge the gap between project needs and local talent availability, and help industry realize production targets in the most efficient, compliant and safe manner possible.

As an example, GBC-NORCAT MST is working with a process operator that is in Phase 1 construction; Phase II operations are slated to launch in 2026. Some potential employees will graduate through GBC's existing training programs, including Electrical Systems Technology, Diesel Technology, Industrial Maintenance Technology and Instrumentation Technology; however, the majority will be hired first by the company and its affiliates and then trained in programs customized by GBC-NORCAT that will allow for immediate job readiness. In this way, GBC-NORCAT will blend existing credentialing opportunities with industry-specific education and training that will help this and other companies better reach production goals.

GBC-NORCAT MST has already secured significant advisory services contracts and is on track to secure additional advisory contracts into the 2025-2026 operating year. Typically, advisory services lead to ongoing training services to help clients implement the strategic planning that is performed during initial phases of their projects. Therefore, it follows that the 2026-2027 operating year will see additional training services as a result of advisory services performed with clients in 2025-2026.

GBC-NORCAT MST also has strong engagement with the Nevada Mining Association (NVMA). Both NORCAT and GBC-NORCAT MST staff are on multiple NVMA committees including the Workforce Development, Education, and Health and Safety committees. The NVMA has been very supportive of GBC-NORCAT MST and held their June 2025 Workforce Development Committee meeting at the GBC-



NORCAT MST facility to introduce NVMA members to the center's capabilities. GBC-NORCAT MST has and will continue to actively participate in a variety of NVMA events through the year, engaging with existing, new and potential clients regularly to build a sales pipeline.

GBC-NORCAT MST is in the process of building a strong marketing campaign and social media presence. The partnership combines efforts from both the GBC and NORCAT communication teams to create media posts, mentions, shares, and more. Thus far, media attention has been very positive and engagement has been high. For example, the post on LinkedIn made by NORCAT COO Jason Bubba in January 2025 announcing the "Doors Are Open" to the GBC-NORCAT MST reached almost 16,000 mining-related professionals, and had 276 direct engagements (which is very high for a LinkedIn post); what's more, approximately 20% of the engagement came from professionals in Nevada. GBC-NORCAT MST will continue promotional efforts via personal and business relationships, traditional and digital marketing, industry events, and word-of-mouth testimonials from clients.

### **Outcomes**

During the 2025-2026 program year, GBC-NORCAT MST anticipates the following outcomes:

- Train 500 students/employees in mine-related safety training, including MSHA, Working at Heights, New Miner Fundamentals, Forklift, Elevated Platform, or similar training programs by June 30, 2026;
- Provide advisory services to three (3) Nevada companies to establish best case learning and evaluation protocols, by June 30, 2026;
- Develop custom site-specific training for three (3) Nevada companies that conform to best case training practices used in industry today by June 30, 2026;
- Develop and track financial goals to ensure GBC-NORCAT MST is wholly self-supporting by June 30, 2026.

### **Sustainability Plan**

There is no anticipation the GBC-NORCAT MST will end; it will continue as long as student/employee and industry demand exist. The training that students/employees receive through the program will serve them and their employers for many years in the workplace. Following this request for expansion funding (ending June 30, 2026), GBC-NORCAT MST's goal is to be self-supporting.

To further ensure the sustainability of the GBC-NORCAT MST partnership:

- GBC-NORCAT will continue to collaborate with regional business and industry to provide educational, training and employment opportunities.
- GBC-NORCAT will work with advisory board members, job agencies, and other local and regional employers to increase internship and externship opportunities for students.
- GBC-NORCAT will ensure that instruction, equipment and supplies reflect current workplace procedures and technology.
- GBC-NORCAT will seek out professional development opportunities to ensure that MST staff are current with industry practices and technologies.

**Is the program offered consistent with the Unified State Plan (WIOA)?**

No

### **Supporting Documents**

## **Workforce Diversity Action Plan**

WINN requires that projects consider how to ensure equitable access to high-skill and high-wage opportunities for all Nevadans.

This application must include an explanation of the actions that will be taken and strategies that will be implemented to promote workforce diversity and the goals and performance measures which will be used to measure the success of the plan in achieving those goals.

A strong plan will show an understanding of the interventions and supports diverse participants will need to prepare them for success and include methods for monitoring at the training and employment levels of the project.

GOED seeks to read plans including efforts to address the needs of veterans, gender inclusion and penetration in non-traditional employment, recipients of public assistance, justice-involved citizens, racial and ethnically diverse students, and persons with disabilities.

### **Diversity Action Plan**

GBC is committed to workforce diversity with regard to training and employment. GBC helps to promote workforce diversity as follows:

#### **Gender (Non-Traditional Employment):**

GBC is committed to helping students prepare for nontraditional fields, although nontraditional enrollment has historically been a challenge. Of the 13 programs that lead to nontraditional occupations for a particular gender, only two have shown nontraditional enrollment over 25%. Otherwise, nontraditional concentrator rates have remained relatively low (12% of CTE concentrators were enrolled in program courses that lead to nontraditional fields).

To combat these low percentages, GBC: (1) Has expanded marketing efforts, which is showing good results. Of the programs that have increasing nontraditional enrollment (Electrical Systems Technology, Industrial Millwright and Nursing) all have included recent marketing materials that featured nontraditional students; (2) Continues to explore ways to recruit instructors that mirror nontraditional students; most recently, GBC has hired one female Electrical Systems Technology, one female Instrumentation Technology, and one male Medical Assistant/Phlebotomist/EKG Technician (MAPE) instructor; and, (3) Facilitates in-service training and professional development opportunities that help CTE instructors be most effective at helping students overcome cultural, language, gender and other barriers. GBC also is striving to ensure at least some advisory board members reflect the nontraditional populations.

#### **Race/Ethnicity:**

GBC CTE is dedicated to helping special populations prepare for high-skill, high-wage, and in-demand occupations. According to GBC's latest statistics, Native American/Alaskan Native and Hispanic/Latino are trending negatively with regard to earning a credential of value, while Asian students saw the largest gaps in retention and placement. GBC recognizes that Native American/Alaskan Native and Hispanic/Latino students may be lagging behind in certificate/degree completion and job placement in part due to cultural or language barriers. Reliable, adequate and affordable internet may be another barrier; 60% of GBC CTE programs are online, while others are hybrid, also requiring internet access.

A further barrier is that students are challenged by general education requirements and program prerequisites. For instance, the math requirement for Business programs has delayed students' degree progression; the English requirements for AAS in the Diesel, Electrical, Millwright and Welding technology programs have also been a particular barrier for Hispanic/Latino students.

In order to address these challenges, GBC: (1) Has placed tutors in the CTE classrooms to provide on-demand help to students; (2) Is extending CTE staff recruitment efforts to channels within underrepresented communities.; (3) Is working to resurrect the Native American Student Association (NASA) on campus as an additional Native American resource; (4) Has invited Native American/Alaskan Native and Hispanic/Latino industry partners and business owners to serve as advisory board members; (5) Is incorporating mandatory tutoring into general education courses that have historically low pass rates;

(6) Is raising awareness regarding available tutoring services; and, (7) Is collecting more data on student access to reliable internet and technology, including surveys, disaggregated by race and income, to help establish important context around what supports students need.

### **Workforce Diversity Commitment Statement**

Great Basin College, a member of the Nevada System of Higher Education, is an Affirmative Action/Equal Employment Opportunity educational institution. It is guided by the principle that equal opportunity means more than equal employment opportunity, and that access to facilities and services shall be available to all people regardless of their race, age, religion, color, gender, including pregnancy related conditions, sexual orientation, disability, whether actual or perceived by others and including service related disabilities, national origin, military status or military obligation, gender, identity or expression or genetic information. This also includes a person's clothing or traits historically associated with national origin, race, color or religion, including, but not limited to, hair texture, hairstyle or head wear. This principle is applicable to every member of the GBC/NSHE community, both students and employed personnel at every level, and to all facilities and services.

### **Statement to Comply with Federal & State Law**

Great Basin College complies with all federal, state and local laws and regulations that are applicable to its operation as an institution of higher learning and a member of the Nevada System of Higher Education.

## **Request for Funding**

**Has any part of this program received prior capacity funding?**

Yes

### **Justification for Continued Capacity Funding**

GBC-NORCAT MST is a new business startup—not a continuing nonprofit enterprise. The average timeframe for a new business startup to break even is 24-48 months. GBC-NORCAT MST is attempting to be self-sufficient in just 18 months. GBC-NORCAT MST did not officially launch operations until January 2025; in just six months, its growth has been impressive, but the partnership needs one more year of salary and other support before it can be sustainable by June 30, 2026. Although this target is ambitious, and will beat the startup business statistics mentioned above, the momentum and deal-flow the MST has already achieved will allow the venture to break even at a faster rate than industry averages.

### **Total Project Cost**

\$667,472.95

### **WINN Funding Request**

\$502,500.00

**WINN is primarily a reimbursement-based grant. Can your institution cover the costs included in your budget without advanced funding?**

Yes

**Reimbursement invoices must be submitted quarterly, but may submitted as often as monthly. What are your invoicing plans?**

Monthly

### **Cost Estimates**

GBC-NORCAT MST.GOED WINN Budget.0625.xlsx

### **Budget Narrative**

GBC-NORCAT MST.GOED WINN Budget  
Narrative.0625.docx

## APPLICATION FOR WINN FUNDS - BUDGET BREAKDOWN

**APPLICANT NAME:** Board of Regents, NSHE, obo Great Basin College

**PROJECT NAME:** GBC-NORCAT Mine Skills Training Expansion

**PROJECT PERIOD:** 07/01/2025 - 06/30/2026

### PRIORITY PROGRAM COSTS

Enter the total cost for each line in the far right column

Total WINN Request

Candidate Assessment Fees

Instructional and/or Curriculum Development Services

Direct Program Personnel (e.g. Navigator, Liaison, Coordinator)

\$411,750.00

Equipment or Technology for Training

**Priority Costs Subtotal: \$411,750.00**

### ALLOWABLE PROGRAM COSTS

Enter the total cost for each line in the far right column

Total WINN Request

Training Fees

Analysis of On-Site Training

Administrative or General Support Personnel (May not exceed 10% of total funding)

\$36,750.00

Instructional Facility Rental Costs

Program Promotion Costs

\$30,000.00

Other Necessary Costs

\$24,000.00

**Non-Priority Costs Subtotal: \$90,750.00**

**TOTAL WINN REQUEST: \$502,500.00**

Please contact the GOED Director of Workforce Development at 702-486-0609 with any questions regarding the budget breakdown

## TOTAL PROJECT FUNDING SOURCES

**APPLICANT NAME:** Board of Regents, NSHE, obo Great Basin College

**PROJECT NAME:** GBC-NORCAT Mine Skills Training Expansion

<u>Budget Category</u>	<u>Source of Funds</u>				<u>Total</u>
	<u>WINN Funds</u>	<u>GBC</u>	<u>NORCAT</u>		
Priority Program Costs	\$ 411,750.00	\$ 28,025.45	\$ 28,147.50	\$	467,922.95
Allowable Program Costs	\$ 90,750.00	\$ 84,800.00	\$ 24,000.00	\$	199,550.00

<b>Total Budget:</b>	<b>\$502,500.00</b>	<b>\$112,825.45</b>	<b>\$52,147.50</b>		<b>\$667,472.95</b>
----------------------	---------------------	---------------------	--------------------	--	---------------------

### Additional Information on Total Project Cost, if any:

GBC: (1) Direct Program Personnel: Dean of Industrial Technology and Workforce Development salary/fringe - \$149,403 salary + \$37,500 fringe = \$186,903 x 15% effort = \$28,025.45; (2) Instructional Facility Costs: GBC-NORCAT MST office space - \$16/square foot (average cost per square foot for office space in northern Nevada outside of Reno) x 5300 square feet = \$84,800/year. NORCAT: (1) Direct Program Personnel: Chief Operating Officer salary/fringe - \$150,000 salary + \$37,650 fringe = \$187,650 x 15% effort = \$28,147.50; (2) Program Promotion Costs: Website design/buildout, promotional materials, social media management - \$2,000 (average in-kind contribution/month) x 12 months = \$24,000.

**WINN Budget Narrative**  
GBC-NORCAT Mine Skills Training  
FY26

**Priority Program Costs**

**Direct Program Personnel - \$411,750**

- 1- GBC-NORCAT MST Director Salary - 100% FTE: \$125,000 annual salary + \$43,750 (35% negotiated fringe rate)
- 1- GBC-NORCAT MST Trainer Salary – 100% FTE: \$90,000 annual salary + \$31,500 (35% negotiated fringe rate)
- 1- GBC-NORCAT MST On-Call Trainer Salary – 100% FTE: \$90,000 estimated annual compensation + \$31,500 (35% negotiated fringe rate)

**Allowable Program Costs**

**Administrative or General Support Personnel - \$36,750**

GBC-NORCAT MST Administrative Assistant – 50% FTE: \$35,000 part-time salary + \$1,750 (5% negotiated fringe rate)

**Program Promotion Costs - \$30,000**

Promotional budget (approximately \$2,500/month x 12 months; includes billboard advertising, podcast support, etc.)

**Other Necessary Costs - \$24,000**

- Travel budget (approximate \$1,500/month x 12 months; includes mileage, lodging, per diem)
- Supplies budget (approximate \$500/month x 12 months; includes printing costs, office supplies)

**TOTAL: \$502,500**

**June 20, 2025**

**Ms. Elaine Silverstone**

Director of Workforce Development  
Governor's Office of Economic Development  
1 State of Nevada Way, 4th Floor  
Las Vegas, NV 89119

**Subject: Support for Workforce Innovations for a New Nevada (WINN) Application**

Dear Ms. Silverstone,

Nevada Gold Mines (NGM) is a joint venture between Barrick (61.5%) and Newmont (38.5%), formed in 2019 by combining their extensive assets across Nevada. This partnership has created the world's largest gold-producing complex and represents a significant investment in the state's mining industry.

We are writing to express our strong support for the newly established **GBC–NORCAT Mine Skills Training (MST) Center**, located in Elko, Nevada. Barrick has a long-standing and mutually beneficial relationship with both NORCAT and Great Basin College. This new collaboration presents a valuable opportunity to expand our workforce development efforts by offering high-quality education and training for both new entrants and incumbent workers through a blend of traditional delivery methods and cutting-edge learning technologies.

Currently, NGM is actively collaborating with NORCAT to develop customized virtual reality-based training programs that simulate high-hazard operational scenarios. These programs are designed to equip our employees with the knowledge and skills to work safely and effectively, while also minimizing operational disruptions.

At present, NGM has approximately 500 open positions and anticipates the need to hire 500 additional workers per year, over the next three years. These positions span both entry-level and experienced roles across our operations. Depending on the position, compensation for new hires will range from \$26 to \$42 an hour. The GBC–NORCAT MST Center will be instrumental in helping us onboard and upskill this workforce in an efficient, industry-aligned manner.

We fully support the continued development and expansion of training programs at the GBC–NORCAT MST Center. Ensuring that our future workforce has access to relevant, practical skills training is essential to meeting the needs of Nevada's mining sector and creating meaningful, well-compensated employment opportunities for Nevadans.

We look forward to continuing our collaboration with GBC–NORCAT MST and other key stakeholders in the region as we contribute to the growth and sustainability of Nevada's critical minerals industry.

Sincerely,

James Clark  
Head of Mining – North America  
Barrick Gold

June 30, 2025

Elaine Silverstone  
Director of Workforce Development  
Governor's Office of Economic Development  
1 State of Nevada Way, 4th Floor  
Las Vegas, NV 89119

**Subject: Letter of Support – Workforce Innovations for a New Nevada (WINN) Application**

Dear Ms. Silverstone,

On behalf of Orla Mining, I am writing to express our strong support for Great Basin College (GBC) and NORCAT's application to the Workforce Innovations for a New Nevada (WINN) program.

Orla Mining supports Nevada's workforce development and economic growth. As a stakeholder in the mining sector, we recognize the critical importance of a pipeline of skilled talent, particularly in rural and northern Nevada.

GBC-NORCAT's program addresses critical training and workforce readiness gaps that remain an opportunity for improvement in Northeastern Nevada. Their forward-looking approach is designed to serve not only existing partners but also new employers, such as Orla Mining, in the future. The proposed program growth opportunities are aligned with the evolving needs of industry partners, including ourselves.

At Orla Mining, we anticipate approximately 300 high-skill job openings (per hour wages are estimated to range from \$20-\$45 per hour) over the next two years as we progress through permitting a new surface mine in Elko County. Programs like those offered by GBC-NORCAT are essential to preparing individuals for these roles. By offering hands-on, industry-validated training experiences, the program ensures participants are job-ready, which is a critical component for maintaining operational efficiency and growth.

While we were not directly involved in developing the initial phase of this program, we have followed its progress closely and are impressed by its responsiveness to industry needs. We are enthusiastic about GBC-NORCAT offerings as they scale their impact in the year ahead, and we fully support this application for additional WINN funding.

Thank you for your continued support of Nevada's workforce development. We look forward to seeing the expanded success of this initiative.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Dwyer", written over a horizontal line.

Don Dwyer  
General Manager, South Carlin Complex



June 17<sup>th</sup>, 2025

**Ms. Elaine Silverstone**

Director of Workforce Development  
Governor's Office of Economic Development  
1 State of Nevada Way, 4th Floor  
Las Vegas, NV 89119

**Subject: Support for Workforce Innovations for a New Nevada (WINN) Application**

Dear Ms. Silverstone,

Lithium Americas is focused on advancing Thacker Pass to production to supply battery-quality lithium carbonate for the North American critical minerals supply chain.

We are writing to express our strong support for the newly established **GBC–NORCAT Mine Skills Training (MST) Center**, located in Elko, Nevada. This new collaboration presents a valuable opportunity to expand our workforce development efforts by offering high-quality education and training for both new entrants and experienced workers through a blend of traditional delivery methods and cutting-edge learning technologies.

Currently, GBC – NORCAT MST is working with Lithium Americas in human capital operational readiness activities. We are completing a Phase 1: Training Needs Analysis and about to enter Phase 2: Design and Budget. GBC – NORCAT MST's experience in assisting new start-up operations in bringing a structured approach to ensuring that Lithium Americas has the on-boarding and ongoing training programs ready for operations ramp-up.

It is anticipated that Lithium Americas will hire approximately 350 people to fill various positions during commissioning and ramp-up of the process plant. These positions span both entry-level and experienced roles across our operations with an anticipated pay range from \$32 to \$44 an hour. The GBC–NORCAT MST Center will be instrumental in helping us onboard and upskill this workforce in an efficient, industry-aligned manner, assisting us in the delivery of training during the onboarding process.

We fully support the continued development and expansion of training programs at the GBC–NORCAT MST Center. Ensuring that our future workforce has access to relevant, practical skills training is essential to meeting the needs of Nevada's critical minerals sector and creating meaningful, well-compensated employment opportunities for Nevadans.

We look forward to continuing our collaboration with GBC–NORCAT MST and other key stakeholders in the region as we contribute to the growth and sustainability of Nevada's critical minerals industry.

Sincerely,



**Sheldon Hurst**  
**Site Operations Director**  
**Lithium Americas**

June 25, 2025

Elaine Silverstone, Director of Workforce Development  
Governor's Office of Economic Development  
1 State of Nevada Way, 4th Floor  
Las Vegas, NV 89119

Subject: Workforce Innovations for a New Nevada (WINN) Application

Dear Ms. Silverstone:

Founded in 1993, Kinross Gold is a senior gold mining company with a diverse portfolio of mines and projects in the United States, Canada, Brazil, Chile, and Mauritania. The company is headquartered in Toronto, Canada. The company is focused on delivering value through operational excellence, balance sheet strength, disciplined growth, and responsible mining.

KG Mining (Bald Mountain) supports over 500 direct jobs plus hundreds of indirect jobs, with a total annual spend of over \$115 million, prioritizing local employment and contracting. Bald Mountain embraces advanced technologies and innovative practices to enhance efficiency, safety, and environmental sustainability.

By this letter, we express our support for the GBC-NORCAT Mine Skills Training (MST) facility built to serve the needs of mining employers seeking high-skill, innovative training solutions in rural Nevada. This program plays a key role in preparing individuals for high-wage careers in the mining industry.

This facility enhances training opportunities for both Maintenance Training Cooperative (MTC) student interns and Bald Mountain business partners. For students, this facility offers a critical introduction to mining, helping them prepare for work in a high-risk environment. For experienced partners, the MST facility offers valuable courses such as Working at Heights and Hoisting and Rigging. Based on the groups mentioned, we anticipate a pay range of \$23 to \$50 an hour following completion of training.

At our company, we anticipate training 90 business partners over the next three years through this program. We are confident that this program will help ensure our workforce has the necessary training to work safely and effectively, and in alignment with our culture. After all, safety culture is paramount in the mining industry.

Bald Mountain recognizes the need for a training facility that provides a bridge between the new generation of the workforce's digital skills and prepares them for the mining industry, supporting the development of this industry-based training program.

We look forward to continuing to work in partnership with the GBC-NORCAT MST and other stakeholders in this critical effort.

Sincerely yours,

*Fallon M. Dalling*

Fallon Dalling  
External Affairs Specialist  
Kinross Bald Mountain

ONET Online Workforce Characteristics: Wage and Employment Trends  
**GBC-NORCAT Mine Skills Training**

**Possible Occupations/Codes**

- General and Operations Managers: 11-1021.00
- Mining and Geological Engineers, Including Mining Safety Engineers: 17-2151.00
- Electrical and Electronic Engineering Technologists and Technicians: 17-3023.00
- Geological Technicians, Except Hydrologic Technicians: 19-4043.00
- First-Line Supervisors of Construction Trades and Extraction Workers: 47-1011.00
- Boilermakers: 47-2011.00
- Operating Engineers and Other Construction Equipment Operators: 47-2073.00
- Pipe Fitters: 47-2152.00
- Excavating and Loading Machine and Dragline Operators, Surface Mining: 47-5022.00
- Continuous Mining Machine Operators: 47-5041.00
- Loading and Moving Machine Operators, Underground Mining: 47-5044.00
- Underground Mining Machine Operators, All Other: 47-5049.00
- Helpers – Extraction Workers: 47-5081.00
- Industrial Machinery Mechanics: 49-9041.00
- Maintenance Workers, Machinery: 49-9043.00
- Millwrights: 49-9044.00
- Chemical Plant and System Operators: 51-8091.00
- Industrial Truck and Tractor Operators: 53-7051.00

**Overview**

The GBC-NORCAT Mine Skills Training partnership is a collaborative effort focused on delivering cutting-edge corporate training and services to support mines and mining-related projects in northern Nevada with the ultimate goal of enabling a highly skilled and safety-focused workforce.

To achieve this goal, GBC-NORCAT has three workforce training objectives: (1) Provide comprehensive training programs designed to equip workers with the essential skills and knowledge needed for entry-level positions in the mining industry; (2) Collaborate on corporate training initiatives and consulting services aimed at strengthening and adding value to Nevada's mining industry; and, (3) In collaboration with industry stakeholders and local communities, identify and define future training requirements specific to the mining industry in northern Nevada.

GBC-NORCAT MST differs from other programmatic training partners (like GBC) in that its mission is to provide customized training to companies that will help them meet production goals, expansion timelines and more. GBC-NORCAT MST also offers an expansive menu of entry-level miner courses that can efficiently and effectively help onboard and/or upskill workers at mines and mining-related companies, depending on each company's and/or employee's training needs.

Because of this unique training niche, it is difficult to identify a set of core ONET occupations, as GBC-NORCAT MST could interface with hundreds of occupations through its entry-level and customized

industrial services; it could even build a specialized curriculum for a company that may not be represented through ONET.

That being said, GBC-NORCAT MST has identified a sampling of “possible” occupations/codes that may be more common in the training it provides than others. With the exception of one, these occupations show strong projected growth in Nevada, projected annual openings in Nevada, and average annual wages that, for the most part, could support or help support a family. Many of these occupations could also act as stackable credentials for higher training/degrees, which could also result in increased wage-earning potential.

Occupation	Bright Outlook?	Projected Growth in Nevada	Projected Annual Job Openings in Nevada	Average Annual Wage
General and Operations Managers	Yes	14%	4,210	\$90,940
Mining and Geological Engineers, Including Mining Safety Engineers	--	14%	40	\$108,250
Electrical and Electronic Engineering Technologists and Technicians	--	17%	150	\$76,880
Geological Technicians, Except Hydrologic Technicians	--	18%	20	\$81,360
First-Line Supervisors of Construction Trades and Extraction Workers	Yes	12%	680	\$104,650
Boilermakers	--	15%	10	\$71,140
Operating Engineers and Other Construction Equipment Operators	--	21%	680	\$76,080
Pipe Fitters	--	22%	660	\$65,350
Excavating and Loading Machine and Dragline Operators, Surface Mining	--	35%	70	\$56,510
Continuous Mining Machine Operators	--	20%	410	\$80,480
Loading and Moving Machine Operators, Underground Mining	--	2%	70	\$80,840
Underground Mining Machine Operators, All Other	--	-5%	300	\$58,310
Helpers – Extraction Workers	--	50%	130	\$45,740
Industrial Machinery Mechanics	Yes	33%	310	\$65,360
Maintenance Workers, Machinery	Yes	27%	80	\$78,470
Millwrights	--	--	--	\$57,200
Chemical Plant and System Operators	--	14%	10	\$80,030
Industrial Truck and Tractor Operators	--	34%	1030	\$54,920

Perhaps most important are the relationships that GBC-NORCAT MST is building with industry throughout Nevada and particularly northern Nevada. Since its launch in January 2025, the partnership has successfully trained 152 new and incumbent workers in Health, Safety and Environment; Mining Fundamentals; Hazard Communication Standards; Battery Electric Vehicle Awareness; Confined Space Awareness; Working at Heights; Basics of Hoisting and Rigging; General Lock Out Tag Out; Extended

Services; Operating Mobile Elevated Work Platforms; Operating Forklifts; and/or Train the Trainer. GBC-NORCAT MST also is providing advisory services to one major industry partner; has provided train the trainer and supervisory training to three others; and, is conferring with one additional company to potentially provide Working at Heights training to that company's contractors. The MST is confident that the successful administration of these services, in combination with a robust outreach program, strong word of mouth, and an already proven track record on the part of both GBC and NORCAT, will allow the partnership to be very successful at meeting Nevada's industry training needs.

**O\*NET OnLine**

## Nevada Employment Trends

**11-1021.00 - [General and Operations Managers](#) 🌟 **Bright Outlook****

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	42,740 employees
<b>Projected employment</b> (2032)	48,840 employees
<b>Projected growth</b> (2022-2032)	14%
<b>Projected annual job openings</b> (2022-2032)	4,210

### In the United States:

<b>Employment</b> (2023)	3,630,100 employees
<b>Projected employment</b> (2033)	3,840,500 employees
<b>Projected growth</b> (2023-2033)	■ ■ ■ ■ 6% Faster than average
<b>Projected annual job openings</b> (2023-2033)	320,800

Nevada source: Projections Central [2022-2032 long-term projections](#) . United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) . "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**11-1021.00 - General and Operations Managers** 🌟 **Bright Outlook**

Wages for state: Nevada

Go

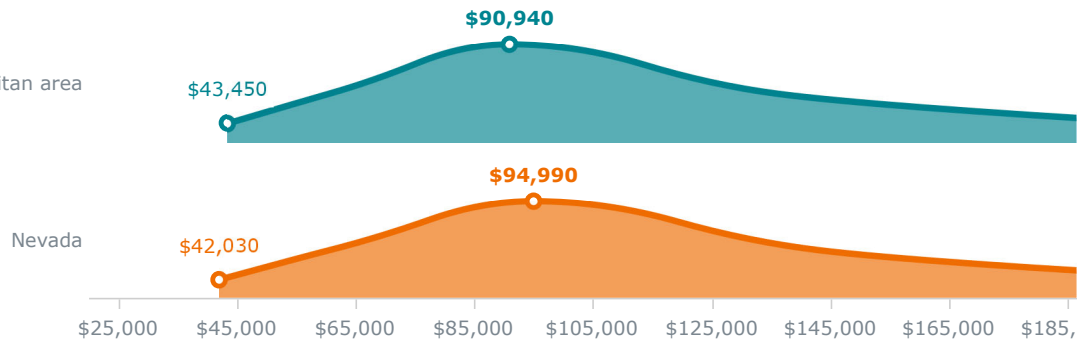
Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$90,940**.
- 10% of workers earn **\$43,450 or less**.
- 10% of workers earn **\$202,140 or more**.

### In Nevada:

- Workers on average earn **\$94,990**.
- 10% of workers earn **\$42,030 or less**.
- 10% of workers earn **\$214,180 or more**.

### In the United States:

- Workers on average earn **\$102,950**.
- 10% of workers earn **\$47,420 or less**.
- 10% of workers earn **\$239,200+ or more**.

Source: Bureau of Labor Statistics [2024 wage data](#) [↗](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$47,420	\$67,160	\$102,950	\$164,130	\$239,200+
Nevada	\$42,030	\$60,560	\$94,990	\$143,070	\$214,180
Balance of Nevada nonmetropolitan area	\$43,450	\$60,570	\$90,940	\$136,070	\$202,140
Boise City, ID	\$38,810	\$57,350	\$82,390	\$122,160	\$164,440
Carson City, NV	\$47,440	\$66,970	\$98,940	\$145,480	\$206,420

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Las Vegas-Henderson-North Las Vegas, NV	\$41,590	\$59,080	\$92,100	\$139,490	\$214,680
Reno, NV	\$46,180	\$67,060	\$102,320	\$150,700	\$207,990



**O\*NET OnLine**

## Nevada Employment Trends

17-2151.00 - [Mining and Geological Engineers, Including Mining Safety Engineers](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	570 employees
<b>Projected employment</b> (2032)	650 employees
<b>Projected growth</b> (2022-2032)	14%
<b>Projected annual job openings</b> (2022-2032)	40

### In the United States:

<b>Employment</b> (2023)	7,100 employees
<b>Projected employment</b> (2033)	7,300 employees
<b>Projected growth</b> (2023-2033)	<div><div></div><div></div><div></div><div></div></div> 2% Slower than average
<b>Projected annual job openings</b> (2023-2033)	400

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**17-2151.00 - [Mining and Geological Engineers, Including Mining Safety Engineers](#)**

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

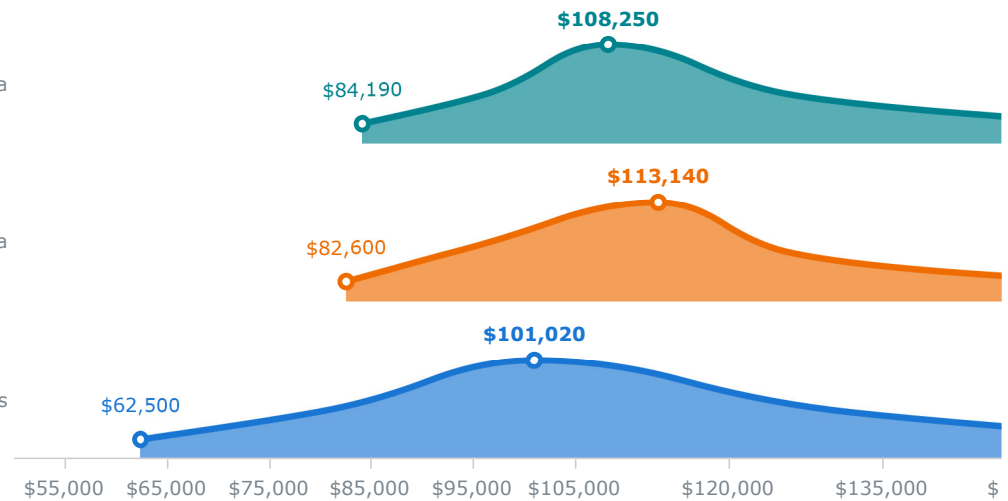
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$108,250**.
- 10% of workers earn **\$84,190 or less**.
- 10% of workers earn **\$157,330 or more**.

### In Nevada:

- Workers on average earn **\$113,140**.
- 10% of workers earn **\$82,600 or less**.
- 10% of workers earn **\$157,330 or more**.

### In the United States:

- Workers on average earn **\$101,020**.
- 10% of workers earn **\$62,500 or less**.
- 10% of workers earn **\$163,740 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$62,500	\$81,040	\$101,020	\$129,860	\$163,740
Nevada	\$82,600	\$93,210	\$113,140	\$125,680	\$157,330

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$84,190	\$96,380	\$108,250	\$125,680	\$157,330
Reno, NV	\$63,250	\$82,610	\$82,670	\$122,990	\$142,390



**O\*NET OnLine**

Occupation keyword search



## Nevada Employment Trends

17-3023.00 - [Electrical and Electronic Engineering Technologists and Technicians](#)

View trends for state:

### In Nevada:

Employment data for **Electrical and Electronic Engineering Technicians**.

<b>Employment</b> (2020)	1,330 employees
<b>Projected employment</b> (2030)	1,550 employees
<b>Projected growth</b> (2020-2030)	17%
<b>Projected annual job openings</b> (2020-2030)	150

### In the United States:

Employment data for **Electrical and Electronic Engineering Technologists and Technicians**.

<b>Employment</b> (2022)	102,500 employees
<b>Projected employment</b> (2032)	103,300 employees
<b>Projected growth</b> (2022-2032)	<div> <div style="width: 100%;"></div> <div>1%</div> </div> Little or no change
<b>Projected annual job openings</b> (2022-2032)	9,900

Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

Occupation keyword search



electrician

Go

## Local Wages

**17-3023.00 - [Electrical and Electronic Engineering Technologists and Technicians](#)**

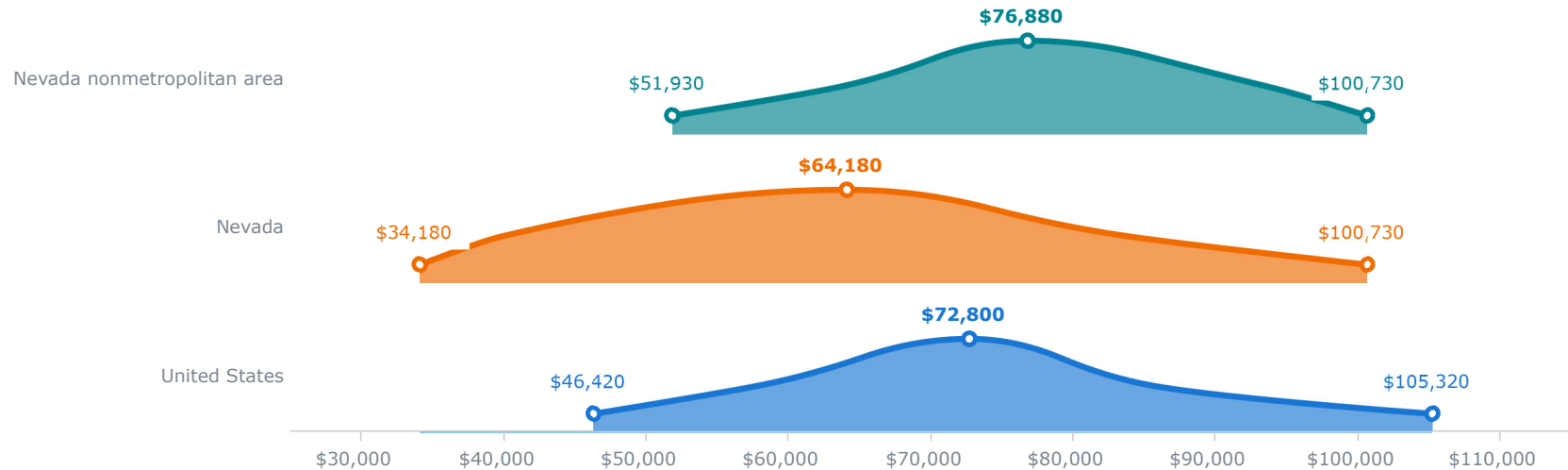
Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

### In Nevada nonmetropolitan area:

- Workers on average earn **\$76,880**.
- 10% of workers earn **\$51,930 or less**.
- 10% of workers earn **\$100,730 or more**.

### In Nevada:

- Workers on average earn **\$64,180**.
- 10% of workers earn **\$34,180 or less**.
- 10% of workers earn **\$100,730 or more**.

## In the United States:

- Workers on average earn **\$72,800**.
- 10% of workers earn **\$46,420 or less**.
- 10% of workers earn **\$105,320 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) .

## Full Details

Save Table:  [XLSX](#)  [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$46,420	\$57,990	\$72,800	\$85,680	\$105,320
Nevada	\$34,180	\$39,870	\$64,180	\$84,060	\$100,730
Nevada nonmetropolitan area	\$51,930	\$63,420	\$76,880	\$94,010	\$100,730
Boise City, ID	\$50,390	\$51,210	\$63,340	\$73,690	\$88,340
Las Vegas-Henderson-Paradise, NV	\$36,930	\$48,710	\$79,110	\$93,670	\$128,980
Reno, NV	\$34,180	\$34,350	\$34,350	\$62,120	\$77,450



## Nevada Employment Trends

19-4043.00 - [Geological Technicians, Except Hydrologic Technicians](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	170 employees
<b>Projected employment</b> (2032)	200 employees
<b>Projected growth</b> (2022-2032)	18%
<b>Projected annual job openings</b> (2022-2032)	20

### In the United States:

<b>Employment</b> (2023)	9,200 employees
<b>Projected employment</b> (2033)	9,500 employees
<b>Projected growth</b> (2023-2033)	<div> <div></div> <div></div> <div></div> <div></div> </div> 4% Average
<b>Projected annual job openings</b> (2023-2033)	1,100

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**19-4043.00 - [Geological Technicians, Except Hydrologic Technicians](#)**

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

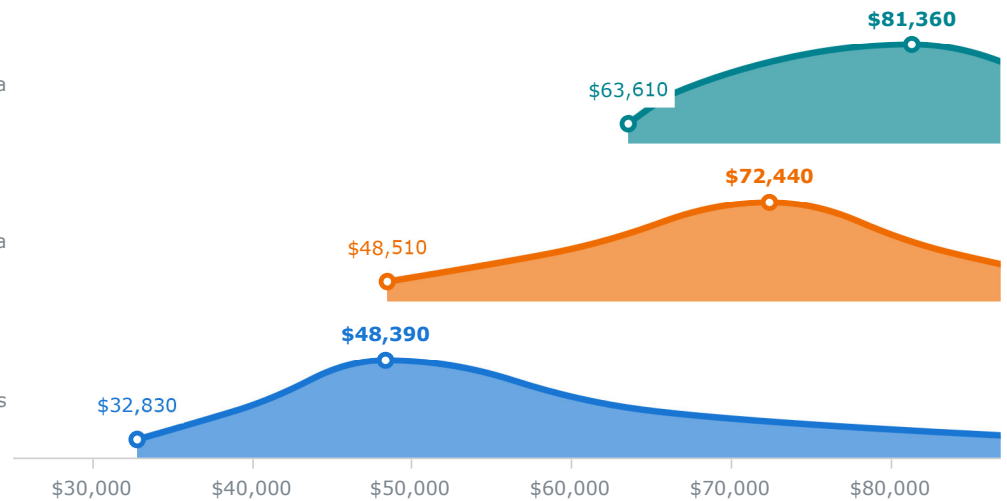
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$81,360**.
- 10% of workers earn **\$63,610 or less**.
- 10% of workers earn **\$94,140 or more**.

### In Nevada:

- Workers on average earn **\$72,440**.
- 10% of workers earn **\$48,510 or less**.
- 10% of workers earn **\$91,990 or more**.

### In the United States:

- Workers on average earn **\$48,390**.
- 10% of workers earn **\$32,830 or less**.
- 10% of workers earn **\$92,210 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#) [↗](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$32,830	\$39,200	\$48,390	\$64,470	\$92,210
Nevada	\$48,510	\$59,220	\$72,440	\$83,530	\$91,990



Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$63,610	\$66,390	\$81,360	\$91,600	\$94,140
Boise City, ID	\$39,840	\$47,410	\$58,190	\$58,200	\$76,070
Las Vegas-Henderson-North Las Vegas, NV	\$39,480	\$49,450	\$56,660	\$59,660	\$74,690
Reno, NV	\$46,700	\$48,820	\$58,590	\$72,440	\$77,250



**O\*NET OnLine**

## Nevada Employment Trends

47-1011.00 - [First-Line Supervisors of Construction Trades and Extraction Workers](#) 🌞 **Bright Outlook**

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	7,140 employees
<b>Projected employment</b> (2032)	7,990 employees
<b>Projected growth</b> (2022-2032)	12%
<b>Projected annual job openings</b> (2022-2032)	680

### In the United States:

<b>Employment</b> (2023)	853,200 employees
<b>Projected employment</b> (2033)	903,400 employees
<b>Projected growth</b> (2023-2033)	<div> <div></div> <div></div> <div></div> <div></div> </div> 6% Faster than average
<b>Projected annual job openings</b> (2023-2033)	72,000

Nevada source: Projections Central [2022-2032 long-term projections](#) [↗](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) [↗](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**47-1011.00 - First-Line Supervisors of Construction Trades and Extraction Workers** ☀ **Bright Outlook**

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

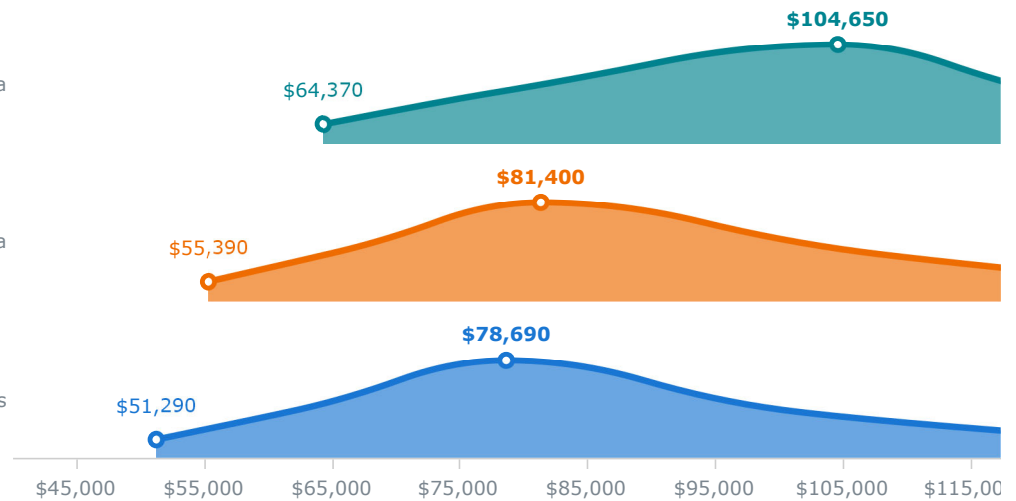
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$104,650**.
- 10% of workers earn **\$64,370 or less**.
- 10% of workers earn **\$131,370 or more**.

### In Nevada:

- Workers on average earn **\$81,400**.
- 10% of workers earn **\$55,390 or less**.
- 10% of workers earn **\$128,210 or more**.

### In the United States:

- Workers on average earn **\$78,690**.
- 10% of workers earn **\$51,290 or less**.
- 10% of workers earn **\$126,690 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#) [↗](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$51,290	\$62,400	\$78,690	\$100,200	\$126,690
Nevada	\$55,390	\$65,520	\$81,400	\$106,420	\$128,210

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$64,370	\$77,000	\$104,650	\$121,340	\$131,370
Boise City, ID	\$55,580	\$61,980	\$73,920	\$84,450	\$107,880
Carson City, NV	\$52,270	\$67,220	\$77,040	\$91,590	\$109,150
Las Vegas-Henderson-North Las Vegas, NV	\$52,230	\$63,890	\$79,980	\$105,130	\$127,990
Reno, NV	\$56,550	\$69,460	\$81,980	\$103,440	\$124,770

**O\*NET OnLine**

Occupation keyword search



electrician

Go

## Nevada Employment Trends

47-2011.00 - [Boilermakers](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2020)	130 employees
<b>Projected employment</b> (2030)	150 employees
<b>Projected growth</b> (2020-2030)	15%
<b>Projected annual job openings</b> (2020-2030)	10

### In the United States:

<b>Employment</b> (2022)	13,700 employees
<b>Projected employment</b> (2032)	13,100 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> -4% Decline
<b>Projected annual job openings</b> (2022-2032)	1,100

Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.


**O\*NET OnLine**

Occupation keyword search

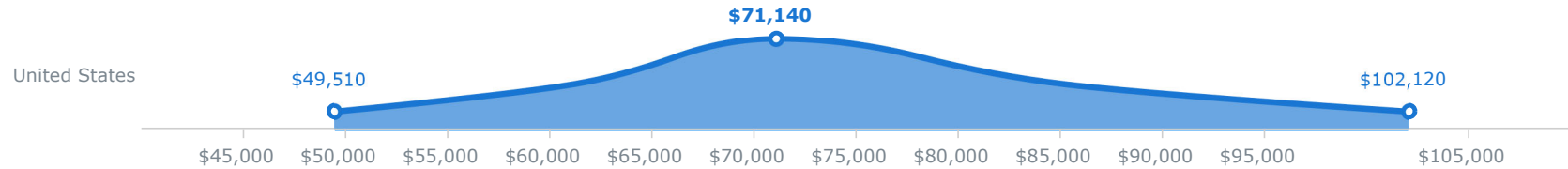
 

## Local Wages

 47-2011.00 - [Boilermakers](#)

 Wages for state:  

 Wages near ZIP Code:  

 Annual Wages [Hourly Wages](#)


### In Nevada nonmetropolitan area:

No data available.

### In Nevada:

No data available.

### In the United States:

- Workers on average earn **\$71,140**.
- 10% of workers earn **\$49,510 or less**.
- 10% of workers earn **\$102,120 or more**.

 Source: Bureau of Labor Statistics [2023 wage data](#)

### Full Details

 Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$49,510	\$61,220	\$71,140	\$85,270	\$102,120



O\*NET OnLine

Occupation keyword search

Go

## Nevada Employment Trends

47-2073.00 - [Operating Engineers and Other Construction Equipment Operators](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2020)	5,020 employees
<b>Projected employment</b> (2030)	6,060 employees
<b>Projected growth</b> (2020-2030)	21%
<b>Projected annual job openings</b> (2020-2030)	680

### In the United States:

<b>Employment</b> (2022)	437,600 employees
<b>Projected employment</b> (2032)	449,200 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> 3% Average
<b>Projected annual job openings</b> (2022-2032)	38,200

Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

Occupation keyword search



electrician

Go

## Local Wages

**47-2073.00 - [Operating Engineers and Other Construction Equipment Operators](#)**

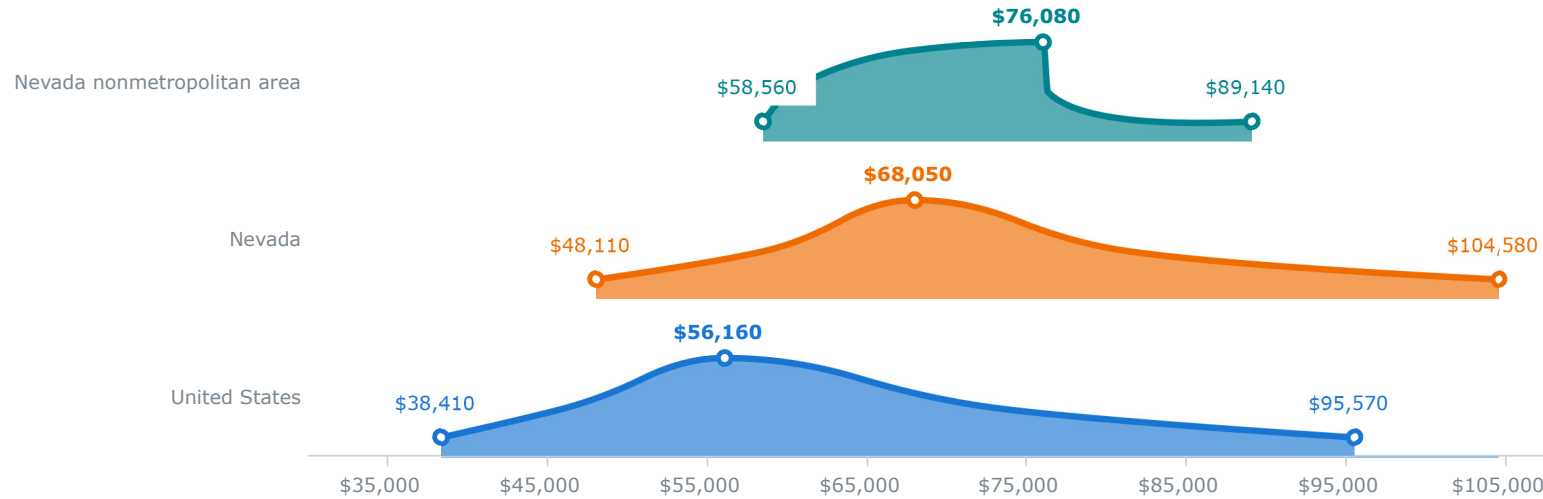
Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

### In Nevada nonmetropolitan area:

- Workers on average earn **\$76,080**.
- 10% of workers earn **\$58,560 or less**.
- 10% of workers earn **\$89,140 or more**.

### In Nevada:

- Workers on average earn **\$68,050**.
- 10% of workers earn **\$48,110 or less**.
- 10% of workers earn **\$104,580 or more**.



## In the United States:

- Workers on average earn **\$56,160**.
- 10% of workers earn **\$38,410 or less**.
- 10% of workers earn **\$95,570 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) 

## Full Details

Save Table:  [XLSX](#)  [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$38,410	\$46,270	\$56,160	\$72,970	\$95,570
Nevada	\$48,110	\$58,960	\$68,050	\$80,800	\$104,580
Nevada nonmetropolitan area	\$58,560	\$60,100	\$76,080	\$76,370	\$89,140
Boise City, ID	\$42,260	\$49,600	\$53,780	\$61,480	\$77,240
Carson City, NV	\$51,080	\$56,270	\$61,890	\$75,100	\$82,670
Las Vegas-Henderson-Paradise, NV	\$46,970	\$51,620	\$61,460	\$79,720	\$107,730
Reno, NV	\$48,150	\$60,980	\$68,350	\$87,940	\$113,970



O\*NET OnLine

Occupation keyword search

Go

## Nevada Employment Trends

47-2152.00 - [Plumbers, Pipefitters, and Steamfitters](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2020)	4,950 employees
<b>Projected employment</b> (2030)	6,020 employees
<b>Projected growth</b> (2020-2030)	22%
<b>Projected annual job openings</b> (2020-2030)	660

### In the United States:

<b>Employment</b> (2022)	482,700 employees
<b>Projected employment</b> (2032)	493,600 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> 2% Average
<b>Projected annual job openings</b> (2022-2032)	42,600

Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

Occupation keyword search



electrician

Go

## Local Wages

47-2152.00 - [Plumbers, Pipefitters, and Steamfitters](#)

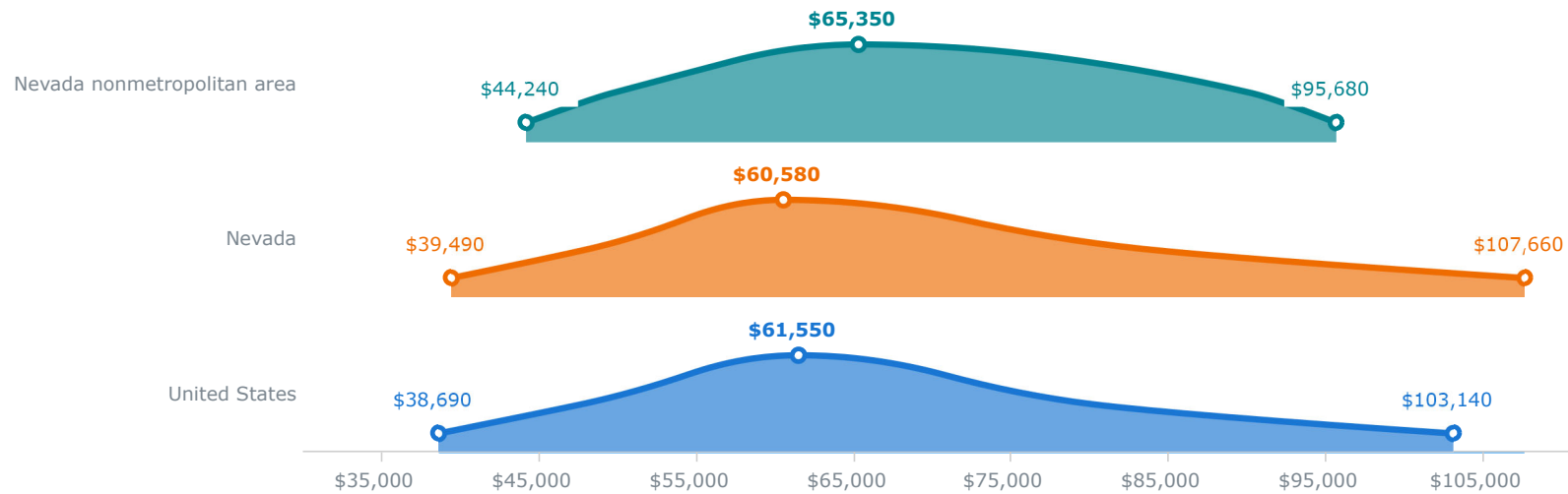
Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

### In Nevada nonmetropolitan area:

- Workers on average earn **\$65,350**.
- 10% of workers earn **\$44,240 or less**.
- 10% of workers earn **\$95,680 or more**.

### In Nevada:

- Workers on average earn **\$60,580**.
- 10% of workers earn **\$39,490 or less**.
- 10% of workers earn **\$107,660 or more**.

## In the United States:

- Workers on average earn **\$61,550**.
- 10% of workers earn **\$38,690 or less**.
- 10% of workers earn **\$103,140 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) 

## Full Details

Save Table:  [XLSX](#)  [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$38,690	\$47,810	\$61,550	\$80,190	\$103,140
Nevada	\$39,490	\$48,290	\$60,580	\$83,270	\$107,660
Nevada nonmetropolitan area	\$44,240	\$49,650	\$65,350	\$90,360	\$95,680
Boise City, ID	\$38,080	\$46,660	\$62,930	\$76,150	\$77,180
Carson City, NV	\$46,800	\$49,620	\$59,800	\$74,910	\$87,510
Las Vegas-Henderson-Paradise, NV	\$38,040	\$48,090	\$59,250	\$86,190	\$109,710
Reno, NV	\$47,420	\$50,720	\$61,680	\$80,730	\$101,590

**O\*NET OnLine**

## Nevada Employment Trends

**47-5022.00 - [Excavating and Loading Machine and Dragline Operators, Surface Mining](#)**

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	460 employees
<b>Projected employment</b> (2032)	620 employees
<b>Projected growth</b> (2022-2032)	35%
<b>Projected annual job openings</b> (2022-2032)	70

### In the United States:

<b>Employment</b> (2023)	34,400 employees
<b>Projected employment</b> (2033)	34,100 employees
<b>Projected growth</b> (2023-2033)	<div><div></div><div></div><div></div><div></div></div> -1% Decline
<b>Projected annual job openings</b> (2023-2033)	3,500

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**47-5022.00 - [Excavating and Loading Machine and Dragline Operators, Surface Mining](#)**

Wages for state: Nevada

Go

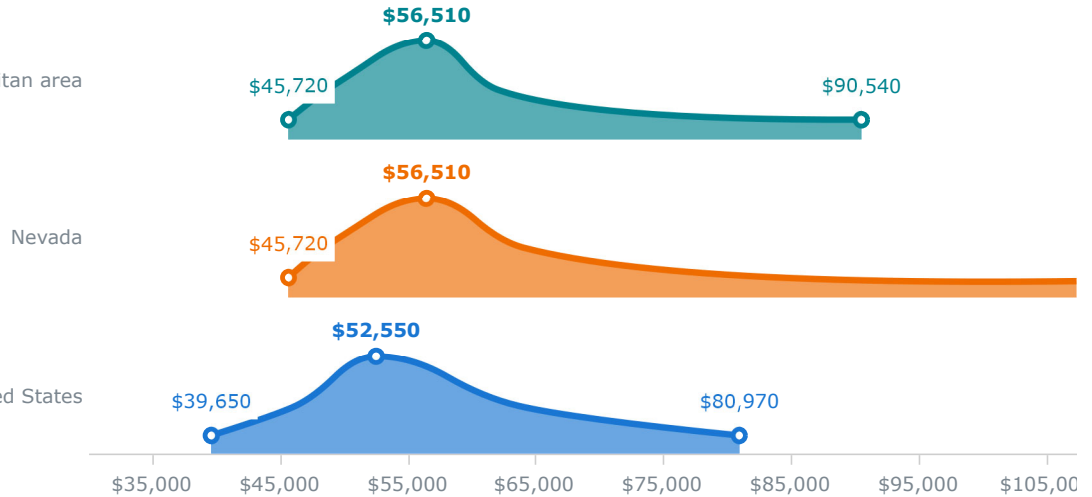
Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$56,510**.
- 10% of workers earn **\$45,720 or less**.
- 10% of workers earn **\$90,540 or more**.

### In Nevada:

- Workers on average earn **\$56,510**.
- 10% of workers earn **\$45,720 or less**.
- 10% of workers earn **\$120,640 or more**.

### In the United States:

- Workers on average earn **\$52,550**.
- 10% of workers earn **\$39,650 or less**.
- 10% of workers earn **\$80,970 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$39,650	\$46,290	\$52,550	\$63,630	\$80,970
Nevada	\$45,720	\$48,500	\$56,510	\$64,160	\$120,640

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$45,720	\$48,730	\$56,510	\$62,130	\$90,540
Boise City, ID	\$50,500	\$51,240	\$53,960	\$61,620	\$66,880
Reno, NV	\$49,170	\$49,600	\$58,420	\$76,450	\$124,760

**O\*NET OnLine**

Occupation keyword search

## Nevada Employment Trends

**47-5041.00 - [Continuous Mining Machine Operators](#)**View trends for state:  

### In Nevada:

<b>Employment</b> (2020)	2,780 employees
<b>Projected employment</b> (2030)	3,330 employees
<b>Projected growth</b> (2020-2030)	20%
<b>Projected annual job openings</b> (2020-2030)	410

### In the United States:

<b>Employment</b> (2022)	13,900 employees
<b>Projected employment</b> (2032)	13,500 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> -3% Decline
<b>Projected annual job openings</b> (2022-2032)	1,400

Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.



**O\*NET OnLine**

Occupation keyword search

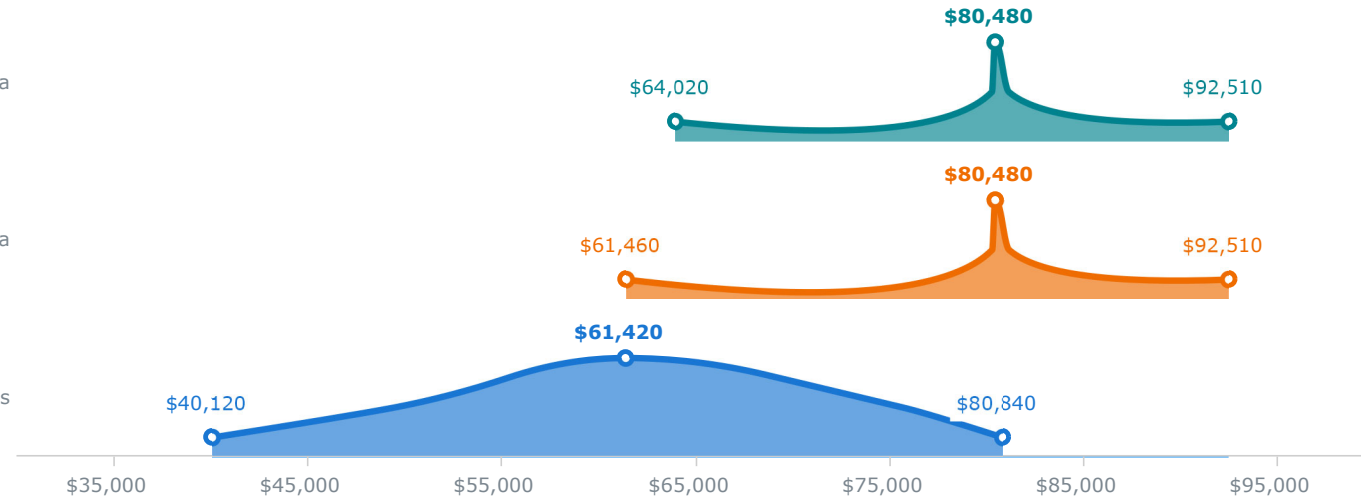
## Local Wages

**47-5041.00 - [Continuous Mining Machine Operators](#)**Wages for state:  Wages near ZIP Code:  Annual Wages [Hourly Wages](#)

Nevada nonmetropolitan area

Nevada

United States



### In Nevada nonmetropolitan area:

- Workers on average earn **\$80,480**.
- 10% of workers earn **\$64,020 or less**.
- 10% of workers earn **\$92,510 or more**.

### In Nevada:

- Workers on average earn **\$80,480**.
- 10% of workers earn **\$61,460 or less**.
- 10% of workers earn **\$92,510 or more**.

## In the United States:

- Workers on average earn **\$61,420**.
- 10% of workers earn **\$40,120 or less**.
- 10% of workers earn **\$80,840 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) [↗](#).

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$40,120	\$49,450	\$61,420	\$75,730	\$80,840
Nevada	\$61,460	\$80,320	\$80,480	\$81,180	\$92,510
Nevada nonmetropolitan area	\$64,020	\$80,320	\$80,480	\$81,180	\$92,510



**O\*NET OnLine**

## Nevada Employment Trends

47-5044.00 - [Loading and Moving Machine Operators, Underground Mining](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	620 employees
<b>Projected employment</b> (2032)	630 employees
<b>Projected growth</b> (2022-2032)	2%
<b>Projected annual job openings</b> (2022-2032)	70

### In the United States:

<b>Employment</b> (2023)	5,300 employees
<b>Projected employment</b> (2033)	4,100 employees
<b>Projected growth</b> (2023-2033)	<div> <div style="width: 23%; background-color: red;"></div> <div style="width: 77%; background-color: gray;"></div> </div> -23% Decline
<b>Projected annual job openings</b> (2023-2033)	400

Nevada source: Projections Central [2022-2032 long-term projections](#) [↗](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) [↗](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

### 47-5044.00 - [Loading and Moving Machine Operators, Underground Mining](#)

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

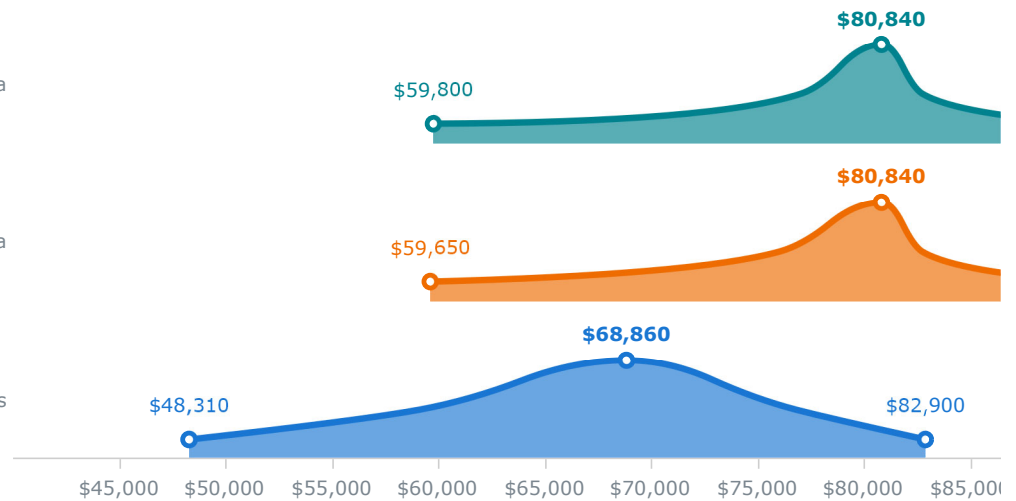
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$80,840**.
- 10% of workers earn **\$59,800 or less**.
- 10% of workers earn **\$90,820 or more**.

### In Nevada:

- Workers on average earn **\$80,840**.
- 10% of workers earn **\$59,650 or less**.
- 10% of workers earn **\$90,820 or more**.

### In the United States:

- Workers on average earn **\$68,860**.
- 10% of workers earn **\$48,310 or less**.
- 10% of workers earn **\$82,900 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$48,310	\$59,130	\$68,860	\$76,820	\$82,900
Nevada	\$59,650	\$76,010	\$80,840	\$82,760	\$90,820

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$59,800	\$77,040	\$80,840	\$82,760	\$90,820



O\*NET OnLine

## Nevada Employment Trends

47-5049.00 - [Underground Mining Machine Operators, All Other](#)

View trends for state:

Nevada

Go

### In Nevada:

No data available.

### In the United States:

<b>Employment</b> (2023)	2,600 employees
<b>Projected employment</b> (2033)	2,500 employees
<b>Projected growth</b> (2023-2033)	<div> <div></div> <div></div> <div></div> <div></div> </div> -5% Decline
<b>Projected annual job openings</b> (2023-2033)	300

United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**47-5049.00 - [Underground Mining Machine Operators, All Other](#)**

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

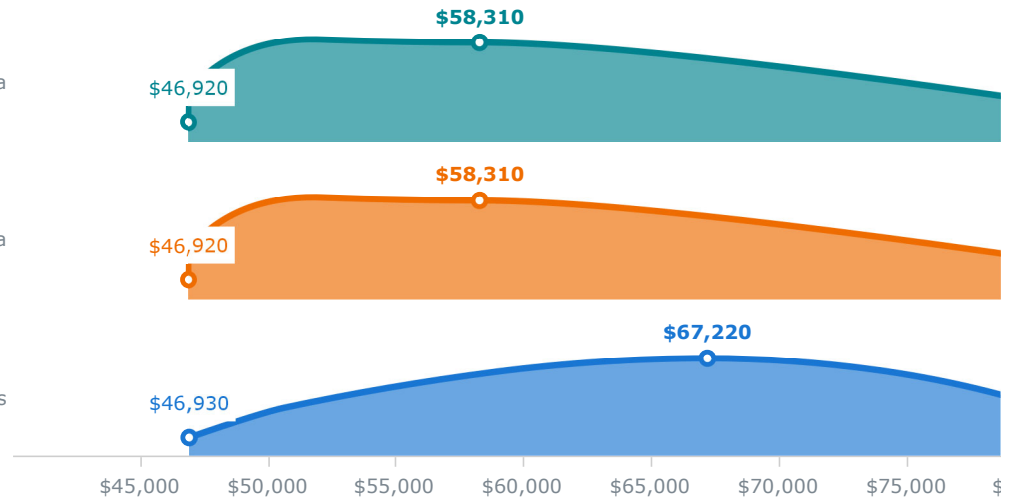
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$58,310**.
- 10% of workers earn **\$46,920 or less**.
- 10% of workers earn **\$85,710 or more**.

### In Nevada:

- Workers on average earn **\$58,310**.
- 10% of workers earn **\$46,920 or less**.
- 10% of workers earn **\$85,710 or more**.

### In the United States:

- Workers on average earn **\$67,220**.
- 10% of workers earn **\$46,930 or less**.
- 10% of workers earn **\$82,750 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$46,930	\$50,660	\$67,220	\$80,440	\$82,750
Nevada	\$46,920	\$46,930	\$58,310	\$85,710	\$85,710

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$46,920	\$46,930	\$58,310	\$85,710	\$85,710





# O\*NET OnLine

## Local Wages

47-5081.00 - [Helpers--Extraction Workers](#)

Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

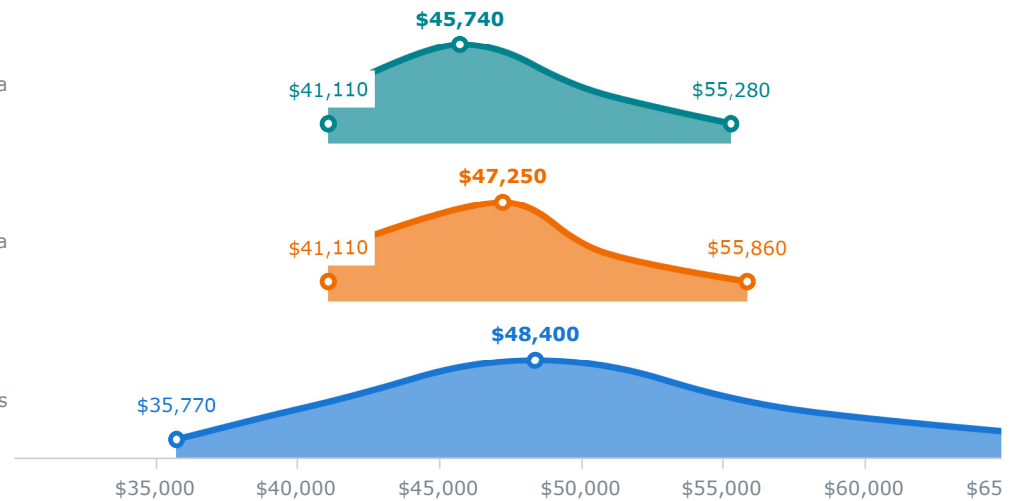
Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area

Nevada

United States



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$45,740**.
- 10% of workers earn **\$41,110 or less**.
- 10% of workers earn **\$55,280 or more**.

### In Nevada:

- Workers on average earn **\$47,250**.
- 10% of workers earn **\$41,110 or less**.
- 10% of workers earn **\$55,860 or more**.

### In the United States:

- Workers on average earn **\$48,400**.
- 10% of workers earn **\$35,770 or less**.
- 10% of workers earn **\$68,240 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#) [↗](#)

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$35,770	\$39,980	\$48,400	\$57,560	\$68,240
Nevada	\$41,110	\$41,110	\$47,250	\$50,740	\$55,860

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$41,110	\$41,110	\$45,740	\$50,740	\$55,280



# Nevada Employment Trends

47-5081.00 - [Helpers--Extraction Workers](#)

View trends for state:

Nevada

Go

## In Nevada:

Employment (2022)	660 employees
Projected employment (2032)	990 employees
Projected growth (2022-2032)	50%
Projected annual job openings (2022-2032)	130

## In the United States:

Employment (2023)	7,700 employees
Projected employment (2033)	7,800 employees
Projected growth (2023-2033)	<div> <div></div> <div></div> <div></div> <div></div> </div> 2% Slower than average
Projected annual job openings (2023-2033)	900

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.



O\*NET OnLine

Occupation keyword search

Go

## Nevada Employment Trends

49-9041.00 - [Industrial Machinery Mechanics](#) **Bright Outlook**

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2020)	2,370 employees
<b>Projected employment</b> (2030)	3,140 employees
<b>Projected growth</b> (2020-2030)	33%
<b>Projected annual job openings</b> (2020-2030)	310

### In the United States:

<b>Employment</b> (2022)	402,200 employees
<b>Projected employment</b> (2032)	462,100 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> 15% Much faster than average
<b>Projected annual job openings</b> (2022-2032)	39,200

Nevada source: Projections Central [2020-2030 long-term projections](#) . United States source: Bureau of Labor Statistics [2022-2032 employment projections](#) . "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

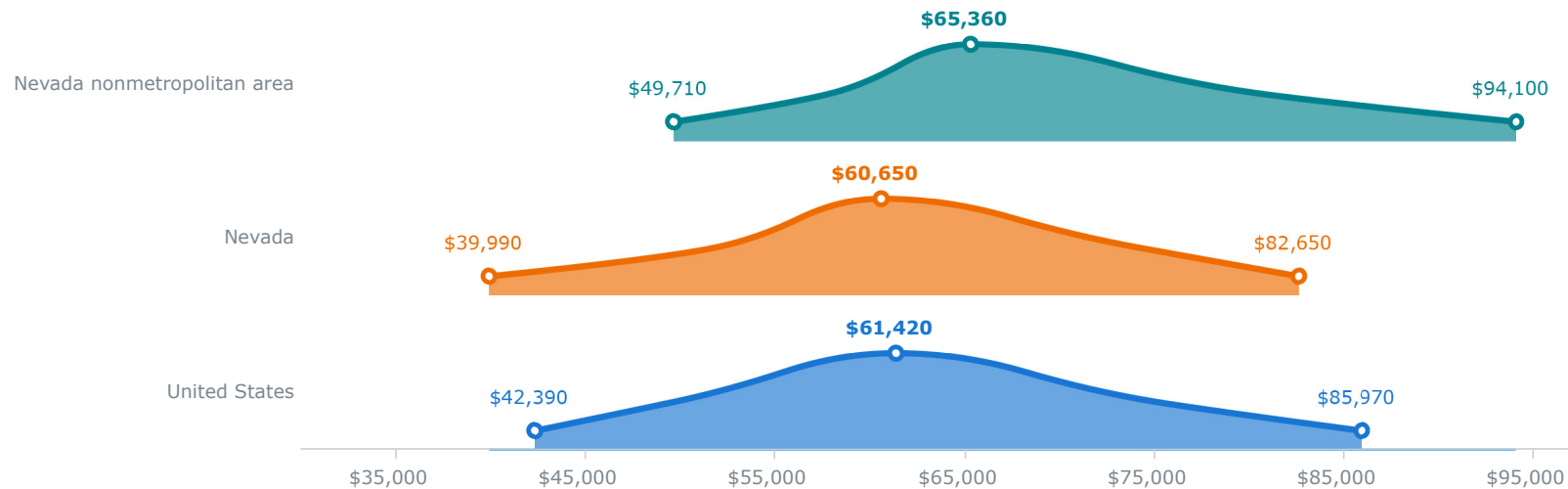
Occupation keyword search



electrician

Go

## Local Wages

**49-9041.00 - Industrial Machinery Mechanics** **Bright Outlook**Wages for state: Nevada Wages near ZIP Code: 89801 ☒ Annual Wages ☐ Hourly Wages

### In Nevada nonmetropolitan area:

- Workers on average earn **\$65,360**.
- 10% of workers earn **\$49,710 or less**.
- 10% of workers earn **\$94,100 or more**.

### In Nevada:

- Workers on average earn **\$60,650**.
- 10% of workers earn **\$39,990 or less**.
- 10% of workers earn **\$82,650 or more**.

## In the United States:

- Workers on average earn **\$61,420**.
- 10% of workers earn **\$42,390 or less**.
- 10% of workers earn **\$85,970 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) 

## Full Details

Save Table:  [XLSX](#)  [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$42,390	\$49,780	\$61,420	\$75,030	\$85,970
Nevada	\$39,990	\$52,000	\$60,650	\$74,080	\$82,650
Nevada nonmetropolitan area	\$49,710	\$58,120	\$65,360	\$80,240	\$94,100
Boise City, ID	\$44,300	\$50,230	\$61,010	\$66,520	\$77,690
Carson City, NV	\$44,420	\$47,700	\$61,920	\$66,710	\$82,860
Las Vegas-Henderson-Paradise, NV	\$37,330	\$48,990	\$59,960	\$72,090	\$80,980
Reno, NV	\$44,310	\$53,930	\$61,270	\$73,520	\$85,700

**O\*NET OnLine**

## Nevada Employment Trends

**49-9043.00 - [Maintenance Workers, Machinery](#) ☀️ **Bright Outlook****

View trends for state:

Nevada

[Go](#)

### In Nevada:

<b>Employment</b> (2022)	560 employees
<b>Projected employment</b> (2032)	710 employees
<b>Projected growth</b> (2022-2032)	27%
<b>Projected annual job openings</b> (2022-2032)	80

### In the United States:

<b>Employment</b> (2023)	59,000 employees
<b>Projected employment</b> (2033)	63,600 employees
<b>Projected growth</b> (2023-2033)	■ ■ ■ ■ 8% Faster than average
<b>Projected annual job openings</b> (2023-2033)	5,800

Nevada source: Projections Central [2022-2032 long-term projections](#) [↗](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) [↗](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Local Wages

**49-9043.00 - Maintenance Workers, Machinery** 🌟 **Bright Outlook**

Wages for state: Nevada

Go

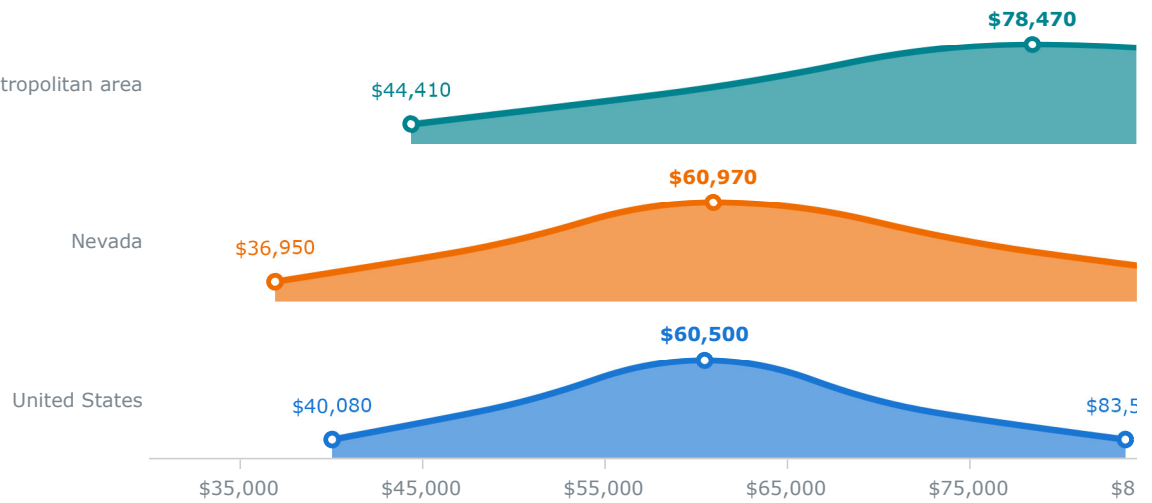
Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$78,470**.
- 10% of workers earn **\$44,410 or less**.
- 10% of workers earn **\$91,490 or more**.

### In Nevada:

- Workers on average earn **\$60,970**.
- 10% of workers earn **\$36,950 or less**.
- 10% of workers earn **\$91,120 or more**.

### In the United States:

- Workers on average earn **\$60,500**.
- 10% of workers earn **\$40,080 or less**.
- 10% of workers earn **\$83,560 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#) ↗

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$40,080	\$48,600	\$60,500	\$72,260	\$83,560
Nevada	\$36,950	\$47,010	\$60,970	\$78,470	\$91,120



Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$44,410	\$58,140	\$78,470	\$91,120	\$91,490
Boise City, ID	\$40,880	\$47,060	\$52,420	\$62,300	\$82,360
Las Vegas-Henderson-North Las Vegas, NV	\$31,540	\$42,210	\$50,840	\$61,040	\$74,130
Reno, NV	\$48,430	\$57,980	\$61,680	\$74,040	\$81,990



O\*NET OnLine

Occupation keyword search

Go

## Nevada Employment Trends

49-9044.00 - [Millwrights](#)

View trends for state:

Nevada

Go

### In Nevada:

No data available.

### In the United States:

Employment (2022)	42,100 employees
Projected employment (2032)	43,400 employees
Projected growth (2022-2032)	<div><div></div><div></div><div></div><div></div></div> 3% Average
Projected annual job openings (2022-2032)	3,500

United States source: Bureau of Labor Statistics [2022-2032 employment projections](#) [↗](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

Occupation keyword search



electrician

Go

## Local Wages

49-9044.00 - [Millwrights](#)

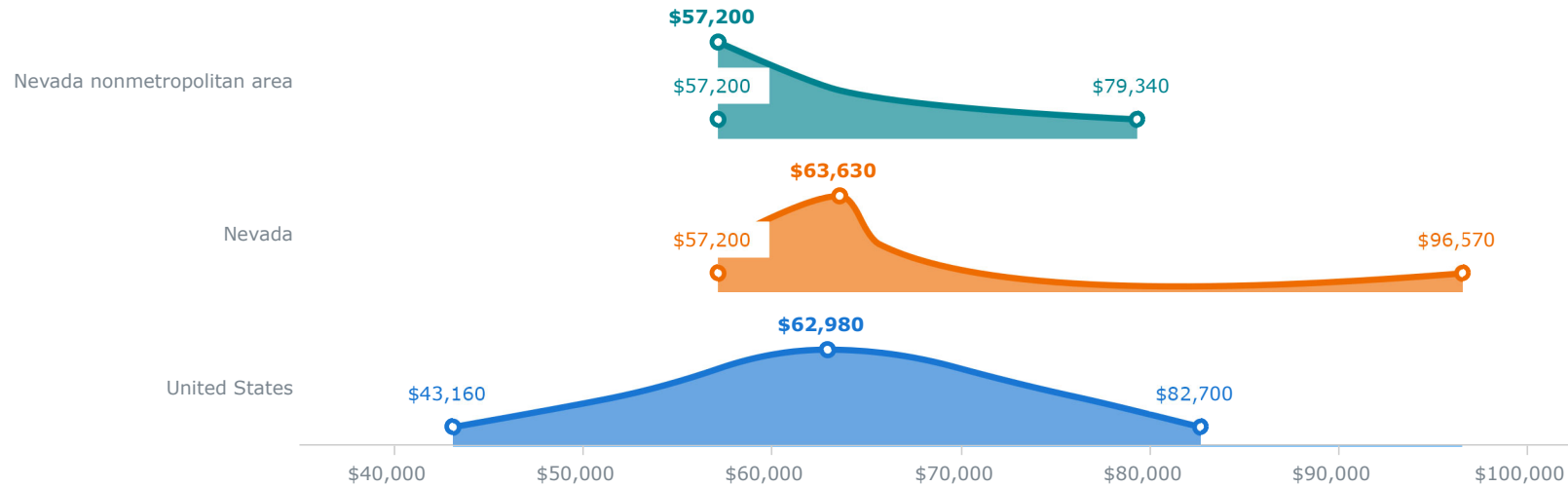
Wages for state: Nevada

Go

Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

### In Nevada nonmetropolitan area:

- Workers on average earn **\$57,200**.
- 10% of workers earn **\$57,200 or less**.
- 10% of workers earn **\$79,340 or more**.

### In Nevada:

- Workers on average earn **\$63,630**.
- 10% of workers earn **\$57,200 or less**.
- 10% of workers earn **\$96,570 or more**.

## In the United States:

- Workers on average earn **\$62,980**.
- 10% of workers earn **\$43,160 or less**.
- 10% of workers earn **\$82,700 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) [↗](#).

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$43,160	\$51,530	\$62,980	\$76,380	\$82,700
Nevada	\$57,200	\$57,200	\$63,630	\$65,740	\$96,570
Nevada nonmetropolitan area	\$57,200	\$57,200	\$57,200	\$63,630	\$79,340
Boise City, ID	\$48,250	\$52,680	\$53,640	\$64,530	\$76,330
Las Vegas-Henderson-Paradise, NV	\$57,440	\$57,440	\$63,900	\$63,920	\$96,930



O\*NET OnLine

Occupation keyword search

Go

## Nevada Employment Trends

51-8091.00 - [Chemical Plant and System Operators](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2020)	70 employees
<b>Projected employment</b> (2030)	80 employees
<b>Projected growth</b> (2020-2030)	14%
<b>Projected annual job openings</b> (2020-2030)	10

### In the United States:

<b>Employment</b> (2022)	19,300 employees
<b>Projected employment</b> (2032)	18,600 employees
<b>Projected growth</b> (2022-2032)	<div><div></div><div></div><div></div><div></div></div> -3% Decline
<b>Projected annual job openings</b> (2022-2032)	1,700

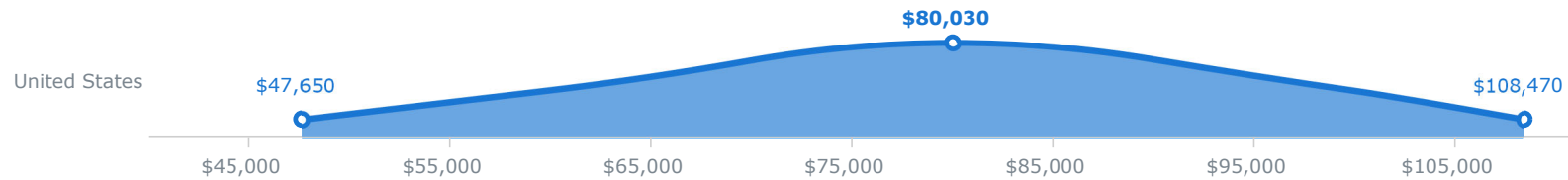
Nevada source: Projections Central [2020-2030 long-term projections](#). United States source: Bureau of Labor Statistics [2022-2032 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

Occupation keyword search

## Local Wages

**51-8091.00 - [Chemical Plant and System Operators](#)**Wages for state:  Wages near ZIP Code:  Annual Wages [Hourly Wages](#)

### In Nevada nonmetropolitan area:

No data available.

### In Nevada:

No data available.

### In the United States:

- Workers on average earn **\$80,030**.
- 10% of workers earn **\$47,650 or less**.
- 10% of workers earn **\$108,470 or more**.

Source: Bureau of Labor Statistics [2023 wage data](#) [↗](#).

### Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$47,650	\$59,830	\$80,030	\$99,960	\$108,470



O\*NET OnLine

## Nevada Employment Trends

53-7051.00 - [Industrial Truck and Tractor Operators](#)

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	7,040 employees
<b>Projected employment</b> (2032)	9,400 employees
<b>Projected growth</b> (2022-2032)	34%
<b>Projected annual job openings</b> (2022-2032)	1,030

### In the United States:

<b>Employment</b> (2023)	770,800 employees
<b>Projected employment</b> (2033)	791,900 employees
<b>Projected growth</b> (2023-2033)	<div> <div></div> <div></div> <div></div> <div></div> </div> 3% Average
<b>Projected annual job openings</b> (2023-2033)	78,200

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

**O\*NET OnLine**

## Nevada Employment Trends

**53-7051.00 - [Industrial Truck and Tractor Operators](#)**

View trends for state:

Nevada

Go

### In Nevada:

<b>Employment</b> (2022)	7,040 employees
<b>Projected employment</b> (2032)	9,400 employees
<b>Projected growth</b> (2022-2032)	34%
<b>Projected annual job openings</b> (2022-2032)	1,030

### In the United States:

<b>Employment</b> (2023)	770,800 employees
<b>Projected employment</b> (2033)	791,900 employees
<b>Projected growth</b> (2023-2033)	<div><div></div><div></div><div></div><div></div></div> 3% Average
<b>Projected annual job openings</b> (2023-2033)	78,200

Nevada source: Projections Central [2022-2032 long-term projections](#) [↗](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) [↗](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.



**O\*NET OnLine**

## Local Wages

**53-7051.00 - [Industrial Truck and Tractor Operators](#)**

Wages for state: Nevada

Go

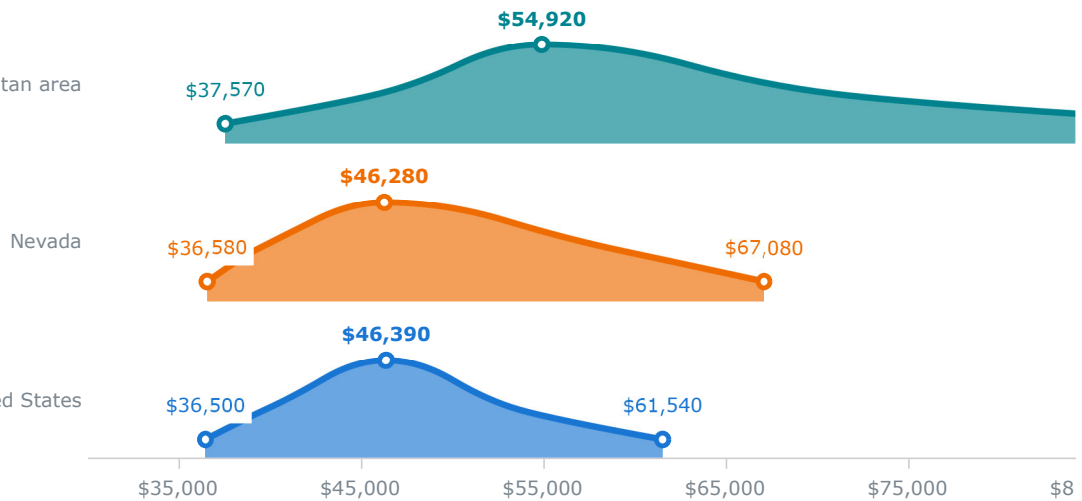
Wages near ZIP Code: 89801

Go

Annual Wages

[Hourly Wages](#)

Balance of Nevada nonmetropolitan area



### In Balance of Nevada nonmetropolitan area:

- Workers on average earn **\$54,920**.
- 10% of workers earn **\$37,570 or less**.
- 10% of workers earn **\$93,030 or more**.

### In Nevada:

- Workers on average earn **\$46,280**.
- 10% of workers earn **\$36,580 or less**.
- 10% of workers earn **\$67,080 or more**.

### In the United States:

- Workers on average earn **\$46,390**.
- 10% of workers earn **\$36,500 or less**.
- 10% of workers earn **\$61,540 or more**.

Source: Bureau of Labor Statistics [2024 wage data](#).

## Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
United States	\$36,500	\$39,780	\$46,390	\$53,680	\$61,540
Nevada	\$36,580	\$39,050	\$46,280	\$59,510	\$67,080

Location	Annual Low (10%)	Annual Q <sub>L</sub> (25%)	Annual Median (50%)	Annual Q <sub>U</sub> (75%)	Annual High (90%)
Balance of Nevada nonmetropolitan area	\$37,570	\$45,990	\$54,920	\$70,930	\$93,030
Boise City, ID	\$36,840	\$41,840	\$47,720	\$56,200	\$62,190
Carson City, NV	\$38,650	\$42,880	\$45,500	\$46,180	\$57,000
Las Vegas-Henderson-North Las Vegas, NV	\$35,400	\$38,610	\$43,210	\$57,980	\$65,050
Reno, NV	\$39,390	\$43,220	\$48,530	\$62,250	\$67,130