

**Comprehensive Economic Development Strategy 2020-2025** 



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Amy Fleming, Project Manager Workforce Development - EDAWN

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Aster Girma President Nevada Green Institute

Niki Gladys, Executive Director, Development Western Nevada College/WNC Foundation

Johnny Hargrove, Econ. Development Executive NV Energy

Dr. Dana Rvan. Executive Director Truckee Meadows Community College

Stacey Sept, Director of Community Development Nevada Rural Housing Authority

Aaron West CEO Nevada Builders Alliance

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Mark Tulman, JOIN Inc.

## Planning For TODAY The Future,

Representing seven counties and five cities in the northwest corner of Nevada, the Western Nevada Development District (WNDD) works toward creating an environment that welcomes new businesses, industries, and workforce to the region to promote a vibrant, resilient, and sustainable economy.

## **WNDD's cornerstone is the Comprehensive Economic Development Strategy (CEDS).**

The CEDS is a locally based, regionally driven economic development planning process and document that successfully engages the region's community leaders, private sector partners, and stakeholders. This framework enables the region and its partners to strengthen their leverage and expand regional capacity to attract outside resources to build a sustainable and resilient economy. The result creates an economic roadmap to diversify and strengthen the regional economy and to qualify the region for additional assistance from the Economic Development Administration of the U.S. Department of Commerce (EDA).

The competitive global market makes it necessary for regions to have a longterm economic development strategy that can serve as a roadmap to progress and prosperity. The CEDS does just that and is updated annually and revisited, revised, and rewritten every five years.

The 2020 CEDS is an update to the 2014 report and enables WNDD to continue as a designated Economic Development District by the EDA. The CEDS helps to ensure the communities within the region remain eligible for EDA and all federal funding. EDA invests in public works, economic adjustment assistance, technical assistance, and short-term planning. EDA investment priorities enhance regional competitiveness and support long-term diversification and development of the regional economy. Specific priorities include:

- Critical Infrastructure
- Exports and Foreign Direct Investment
- Opportunity Zones
- Recovery and Resilience
- Workforce Development and Manufacturing

Once certified by the EDA, the CEDS 5-year update will maintain the region's Economic Development District designation, the associated planning funds, and regionwide eligibility for federal funding to accomplish projects identified within the plan.













## **About WNDD**

The U.S. Economic Development Administration designated WNDD as an Economic Development District in 1983. There are more than 500 development districts throughout the United States. WNDD is the only certified Economic Development District in the State of Nevada.

The WNDD Board of Directors is comprised of elected and appointed officials as well as agency staff and business representatives from throughout the region.

## THE WNDD REGION INCLUDES:

### **Seven counties**

- Carson City
- Churchill
- Douglas
- Mineral
- Pershing
- Storey
- Washoe

## **Five cities**

- Fallon
- Fernley
- Lovelock
- Reno
- Sparks

Associate members include Beuttner, Inc., Lake Tahoe Visitor's Authority, Community Services Agency, Tahoe Prosperity Center, Nevada Green Institute, Western Nevada College, Truckee Meadows Community College, NV Energy, Economic Development Authority of Western Nevada, Nevada Builders Alliance. Nevada Rural Housing Authority and JOIN Inc. The University Center for Economic Development also serves on the board and partners with WNDD in a variety of technical assistance projects, analyses, and reports.





## **Economic Development in a**

## POST COVID-19

Almost a decade after Northern Nevada successfully began to reinvent itself following the Great Recession, the COVID-19 pandemic swiftly and dramatically impacted the state's economy and tested its resiliency.

Following Governor Steve Sisolak declaring a State of Emergency and implementing stay at home directives in mid-March. unemployment claims spiked, worker earnings decreased significantly, and consumer spending slowed dramatically. By the end of April 2020, the state had lost 244,800 jobs, and the unemployment rate rose to 28.2 percent—the worst unemployment rate in state history and the highest mark in the country, according to the Nevada Department of Employment, Training and Rehabilitation.

Nevada's economy is particularly at-risk to pandemic due to its casino-based tourism industry, according to a study by Oxford Economics. The same study ranked the state second most vulnerable in the nation to an economic shock from the coronavirus pandemic. Unemployment rates support this study, as the accommodation and food service industry lost the most jobs in the state in April 2020. In 2018, this industry employed about 20% of the state's population between 25 to 64 years old.

As a result of policies and restrictions designed to prevent the spread of COVID-19, many of the counties and cities within the Western Nevada Development District's region experienced economic downfalls not seen in decades.

continued on page 8

## **COVID-19 By The Numbers**

COVID-19 data in Nevada as of June 2, 2020. For the most up-to-date numbers, visit nvhealthresponse.nv.gov.

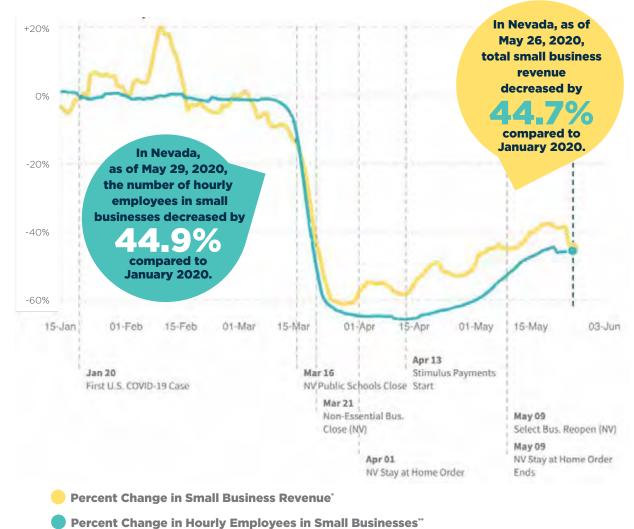
## In Nevada

- 176.032 PCR Tests Performed
- 8.830 Confirmed Cases
- 420 Deaths

## In the WNDD region's counties

- 33.784 PCR Tests Performed
- 1.640 Confirmed Cases
- 63 Deaths

## **Changes in Small Businesses: Employees and Revenue**



## **Timeline of Major COVID-19 Events in WNDD** Region

- March 4: Nevada sees its first patient test positive for COVID-19
- March 12: Governor declares a State of Emergency
- March 15: First COVID-19 death recorded in Nevada
- March 17: Governor announces COVID-19 risk mitigation initiatives
- March 31: Governor issues travel advisory
- April 1: "Stay at Home" directive formally issued through April 30
- April 29: Governor modifies and extends "Stay at Home" directive
- April 30: Governor announces Nevada United: Roadmap to Recovery plan
- May 9: Nevada launches Phase 1 reopening with statewide standards
- May 11: Governor declares State of Fiscal Emergency early last month, are tools the state can use to address the shortfalls.
- May 29: Nevada launches Phase 2 reopening with statewide standards

<sup>\*</sup>Change in net business revenue for small businesses, indexed to January 2020. Based on date from Womply.

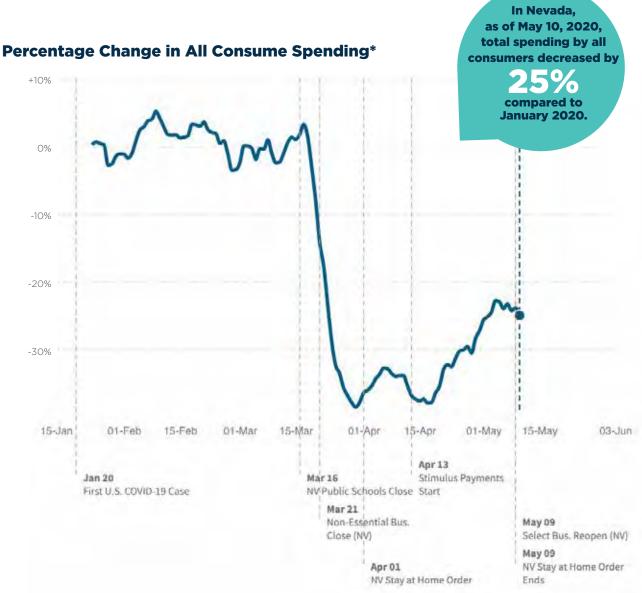
<sup>\*\*</sup>Change in the number of hourly workers employed by small businesses, indexed to January 2020. This series is based on data provided by Homebase. Homebase's customers primarily consist of restaurant, food & beverage, retail and service businesses. Notes from track therecovery.org

## **Economic Development in a post-COVID-19 World, cont'd**

continued from page 6

Outside of Southern Nevada, two of WNDD's counties. Storey and Carson City, showed the highest rates of unemployment and annual change in the state in April 2020. On average, the WNDD Region's seven counties showed a higher rate of employment for April 2020 and annual change compared to the average of the state's 10 other counties. While workers lost their jobs at large businesses, those employed by small businesses were not immune. The number of hourly employees working in small businesses decreased by almost 36% in the WNDD region's counties on average, according to Opportunity Insights, a team of researchers and policy analysts based at Harvard University tracking the impacts of COVID-19 using privatesector data. In Carson City alone, half of the employees in small businesses lost their jobs. At the same time, consumer spending in the WNDD region dropped by almost 23%, closely mirroring the state's drop of 25%. Nationally, consumer spending fell by about 15%, according to Opportunity Insights.

These statistics and numbers paint a startling image of a region under economic siege as it fights the unfaced enemy of the novel coronavirus. However, while the state's and region's economic decline ensued rapidly,



<sup>\*</sup>Change in average consumer credit and debit card spending, indexed to January 2020. This series is based on date from Affinity Solutions.

Note from track therecovery.org

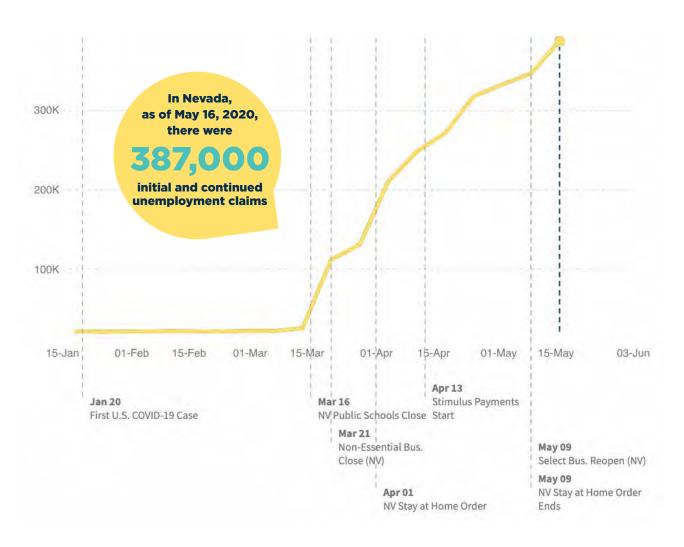
its recovery will take longer and require significant support and assistance from a variety of agencies and organizations. There is also a potential for a second-round of impacts, that could become more severe due to structural economic vulnerabilities. according to the Oxford Economics study.

## WNDD will play a vital role in the effort to restore the region's vitality and ensure its resiliency for the

**future.** Many of the projects, programs, and goals from the organization's 2020-25 CEDS provide a path to rebuild the region's economy. To help lift Nevadans from joblessness and financial despair, WNDD and its CEDS targets workforce development, infrastructure, transportation, housing, quality of life, and resiliency. Small and large businesses can benefit from the strategies and action plans developed by WNDD to drive economic recovery. Because workers and companies rely on effective and efficient infrastructure. WNDD also prioritizes the development of this foundational community element.

While COVID-19 quickly and dramatically changed the immediate trajectory of the nation, Nevada, and the WNDD region's economy, it will not undo all strides toward the future previously made. Instead, WNDD will use this as an opportunity to respond proactively and plan for a thriving future.

## **Current Unemployment Claims\***



<sup>\*</sup>Number of unemployment benefit claims filed with state unemployment offices. This series is based on data published by the Department of Labor.

## A Region CONNECTED

Located in the northwestern corner of Nevada, the Western Nevada Development District's region includes both urban and rural areas, large cities, and even larger swaths of open public lands. As a result, the region often magnifies the state's demographic and economic trends, drawing attention to opportunities and potential threats.

Commerce and commuters intertwine the region's various communities, making it more crucial that they work together to demonstrate a forward-moving commitment to quality of life and opportunity for all residents

Like the rest of the state, the region's population is expected to grow over the

next decade. With that growth comes greater economic activity, but also an increased need for infrastructure, education, and other services that promote resiliency and deliver the high-quality of life that the region promises.

Ultimately, the region continues to pursue its mission to have an innovative economy rooted in sustainable development and enriched by the area's abundant natural resources and the collaboration of its independent, unique communities. To develop an action plan that supports the region's overall goals, it's imperative to begin with a clear understanding of the region's communities from a demographic, geographic, and economic perspective.



## By the NUMBERS

2018 Population:

611,364

2040 Projected Population: 805,138

Average Per \$50,460



Largest Employing Industry:

Trade, Transportation, and Utilities

**421,160** Jobs



**Primary Industries:** 

Management of Companies and Enterprises, Utilities, And Finance and Insurance

## Geographic PROFILE

## Nevada is geographically unique in how much of its acreage is devoted to public lands.

As a whole, Nevada covers 110,567 square miles, making it the 7th largest state in the nation by area. However, only 12.2% of the land is private, which makes Nevada the 10th smallest state in acreage available. In addition, the 13,490 square miles of developable private land is not contiguous.

Western Nevada Development District includes the counties of Mineral, Douglas, Carson City, Storey, Churchill, Washoe and Pershing, and the cities of Reno, Sparks, Fernley, Lovelock, and Fallon. The major thoroughfares that connect the region include Interstates 8 and 580, and U.S. Routes 50 and 95.

Going east from the Sierra Nevada, the WNDD region is characterized by mountain ranges, generally running north and south, separated by broad valleys. The region is boarded on the north by Oregon and Idaho, and to the west by Lake Tahoe and California To the east lies Utah and south lies the remainder of Nevada.

**Nevada is part of the Great Basin, a desert environment.** The region falls within a high desert zone and has an arid climate. Nevada is the driest state in the country, and the WNDD region has rainfall that ranges from 16.8 inches in Douglas County to 5.3 inches in Mineral County.

As a region, 74.8% of the WNDD region is public lands. Mineral County boasts the highest percentage of public lands at 86.8%, while Storey County has the least with 9.73%.



Dangberg Ranch, Douglas County Sydney Martinez/TravelNevada



## POPULATION Rates

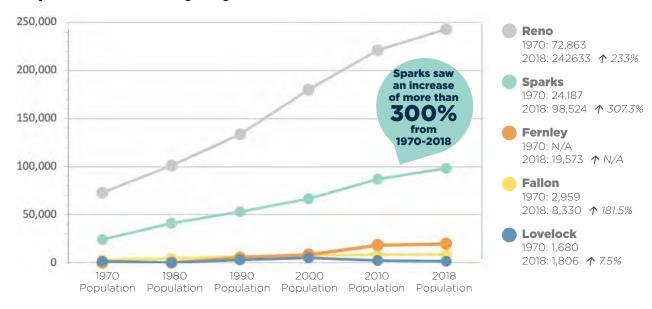
Like the state of Nevada as a whole, the population in the Western Nevada Development District's region grew dramatically from 1970 to 2018, compared to the country. While the United States saw a population increase of about 60% over those 48 years, WNDD's population grew by more than 270% during the same time. This trend will likely continue over the next two decades as experts predict more people will move and relocate to the region.

annual regional growth rate

2.9%

1970 - 2018

## **Population Growth by City**



## Projections show a growth rate of almost 22% by 2037, with a total increase of 128,446 people in the WNDD Region's counties.

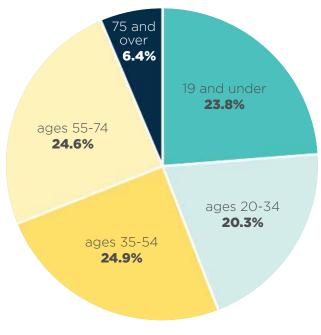
## **Population Growth and Projections: Region and County**



## Population by E

On the whole, the WNDD Region is older than the state of Nevada and the United States, with an average age of 44.8, almost seven years older than the state and country. More rural areas, such as Storey County and Lovelock, have an older population on average than the state and the general region. However, the population of more urban areas skews younger, especially the region's largest county, Washoe County, and the cities it encompasses, Reno and Sparks. Individuals younger than 44 make up more than half of the WNDD's regional population, and individuals between the ages of 35-54 make up the largest group of the population in the region.

## Population by Age: WNDD Region



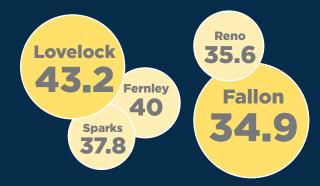
Average Median Age in Region:

44.8

## **Average Median Age by County**



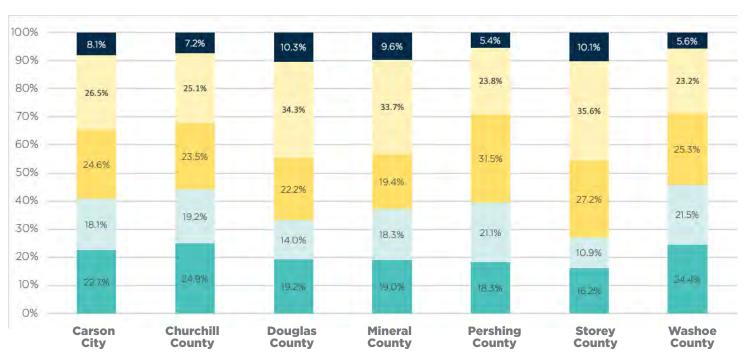
## **Average Median Age by City**



Source: U.S. Census Bureau, American Community Survey, 2018

Loneliest Road Highway 50 Sydney Martinez/TravelNevada

## **Population by Age: County**





75 and over

55 - 74

35 - 54

20 - 34

19 and under



## **Population by Age: City**



# Population by ERSITY CULTURERACI

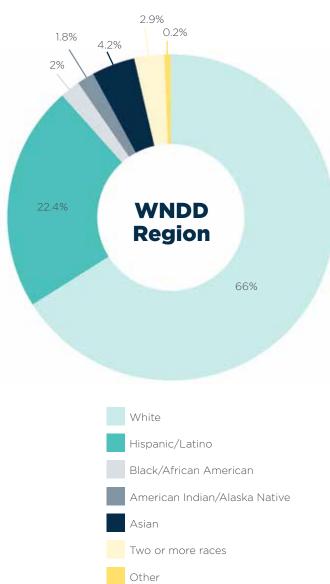
## Compared to the state of Nevada as a whole, the WNDD region is less diverse when examining race and ethnicity.

While Nevada's population is almost evenly split between white and other races and ethnicities, the overall WNDD's regional population is 66% white. The region's Hispanic or Latino population is also a smaller percentage than the state average of more than 28%.

The region's most diverse county by percentage is Mineral County, which also has the most significant American Indian and Alaska native population by percentage at more than 20 percent. However, Washoe County has the most indigenous individuals by headcount.

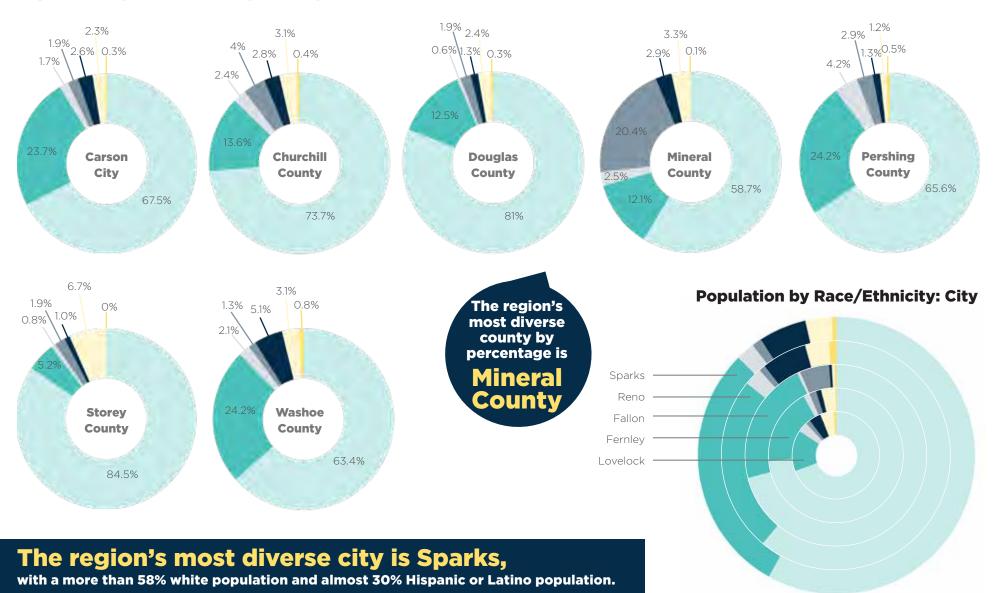


## **Population by Race/Ethnicity**



## Washoe County has the most indigenous individuals

## **Population by Race/Ethnicity: County**



## Population by ENDER

In general, there are more men than women living in the WNDD region compared with state and national averages. The region's average sex ratio, males per 100 females, is almost 10 points higher than the state's and nearly 14 points higher than the national ratio. In general, there are more men than women in rural areas, especially Pershing County. Pershing County's males-per-females ratio is especially high in the 65 and older age range. The area with the most equal representation of genders is Douglas County, which averages around a 100-male-to-100-female ratio for individuals older than 18 years.

## The region's ratio of 111 males per 100 females is points higher

than the national ratio of 97.

## City of Fernley Wastewater Treatment Plant

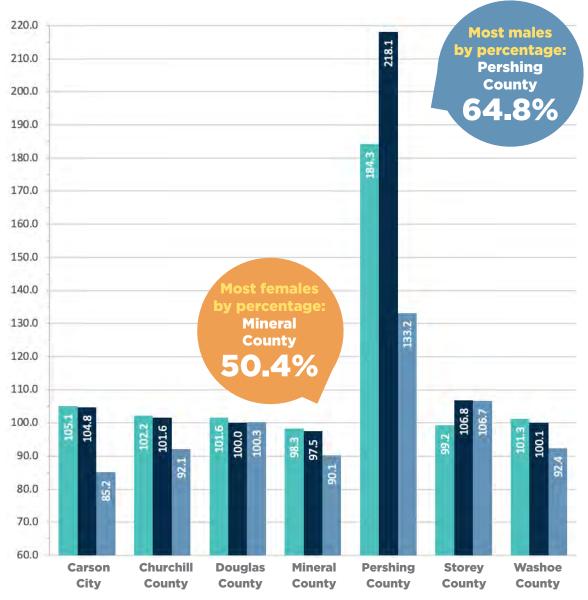
### **Male to Female Ratios**



Males per 100 females 65 years and older

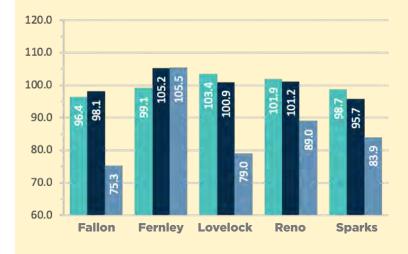


## **Male to Female Ratios: County**





## **Male to Female Ratios: City**



Total males per 100 females

Males per 100 females 18 years and older

Males per 100 females 65 years and older

**Fallon** Lowest city male-to-female ratio **Highest city male-to-female ratio** Lovelock

## EDUCATION Population by

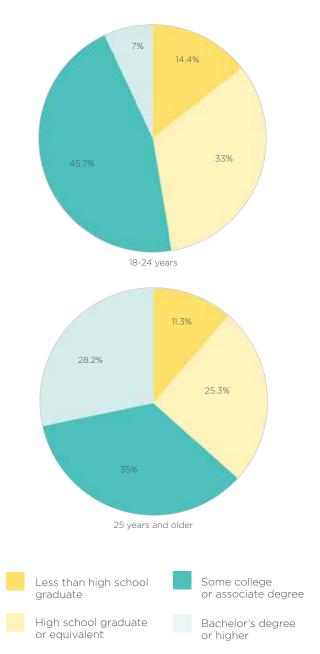
## On the whole, the WNDD region is more educated than the state and the nation's average.

More than 63% of the population older than 25 years has completed at least some college education or earned a bachelor's degree or higher, compared to about 60% nationally and 58% statewide. In the 18-24 age group, more than 52% have completed some college or earned an associate degree or bachelor's degree, compared to 45% in statewide on average and 56% nationally.

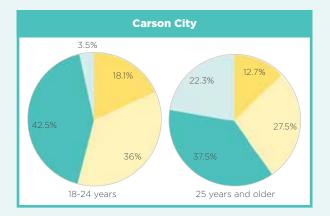
The education attainment level of the region's population is particularly relevant when it comes to workforce education and skill training. As the WNDD region becomes a hub to advanced manufacturing operations, associate degrees, and advanced degrees that can directly improve performance in those industries become more desirable. Prior to the COVID-19 pandemic, the Governor's Office of Economic Development estimated that by 2024 there will be 630,000 open jobs in Nevada through business expansion, relocation. and those aging out of the workforce. Nearly two-thirds of these jobs will require specialized training or certification. On the other side of the equation, employers state that 60 percent of job applicants do not have the necessary skills needed for today's jobs.

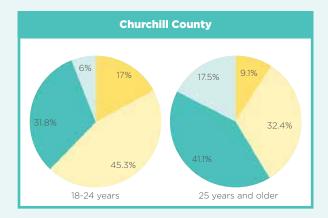
To ensure opportunity still exists for future citizens, the region must address educational attainment rates over the next five years. Fortunately, many higher education assets exist in the region, including the University of Nevada, Reno, Desert Research Institute, Truckee Meadows Community College, Sierra Nevada College, Great Basin College and Western Nevada College. These institutions are proactive and desire to have a ubiquitous educational presence in the entire region.

## **Educational Attainment: WNDD Region**

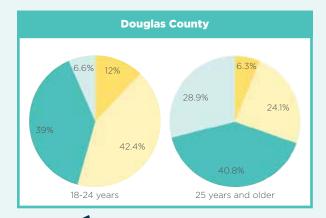


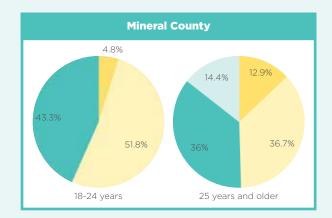
## **Educational Attainment: County**

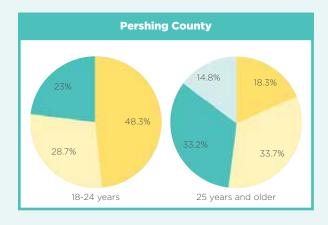




48% of Pershing
County's population
25 and older have
completed some
college or graduated
with an associate,
bachelor's or
professional degree

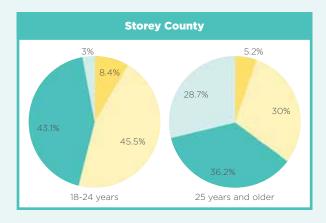


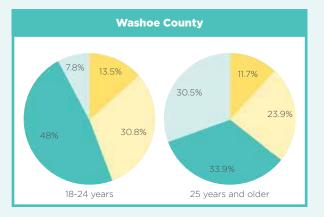




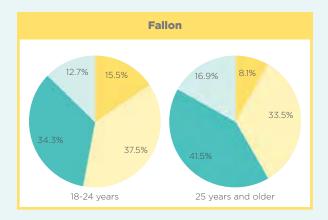
## Nearly 70%

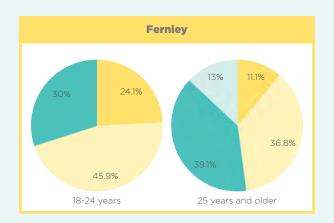
of Douglas County's population 25 and older have completed some college or graduated with an associate, bachelor's or professional degree

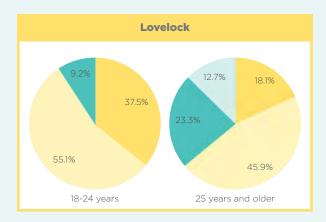


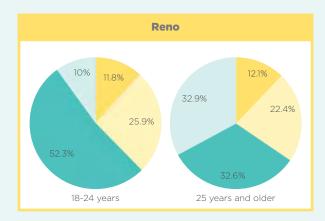


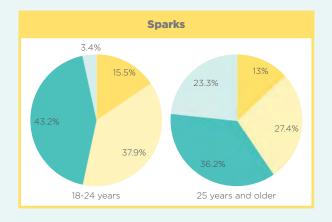
## **Educational Attainment: City**













#### EGIONAL VE

## COMMUTING

The majority of workers in **Storey County** commute each day

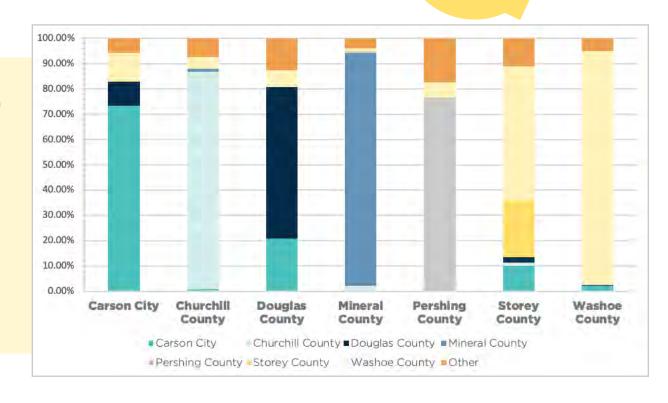
Because of its large area and diversity of industries and communities, the WNDD region sees a large number of commuters who travel from one county to another for work or residence. For example:

## Of the people who work in Carson City:

- 57.1% Reside in Carson City
- 14% Reside in Douglas County
- 13.9% Reside in Washoe County

### Of the people who work in Storey County:

- 40.5% Reside in Storey County
- 30.4% Reside in Washoe County



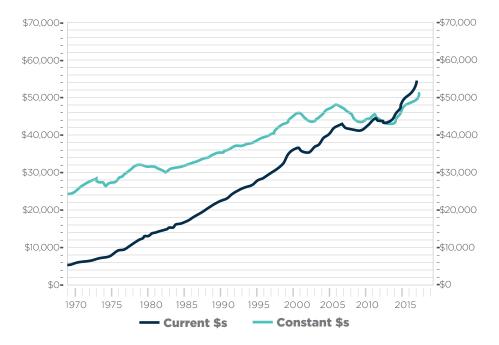
As a result, residential adjustment plays a fairly significant role in considering the personal income of individuals in each location. For example, for every \$100 of personal income reported for Washoe County in 2017, \$2.82 is derived from jobs and earnings garnered outside the county.

This adjustment is more dramatic in Storey County, where the majority of employees and workers commute each day. On average, 284.14 percent of the income made in Storey County leaves the county via employees living in surrounding counties. For every \$100 of personal income reported for Storey County in 2017, an additional \$284.14 of earned income was reported elsewhere from jobs held locally by workers who resided in another county.

Douglas County sees a similar affect for residential adjustment. From 1969 to 1992, Douglas County realized negative residence adjustment. After 1992, residence adjustment has been positive. For every \$100 of personal income reported for Douglas County in 2017, \$10.09 is derived from jobs and earnings garnered outside the county.

## Per Capita Personal Income

## WNDD Per Capita Personal Income 1969-2017 Current vs. Constant Dollars

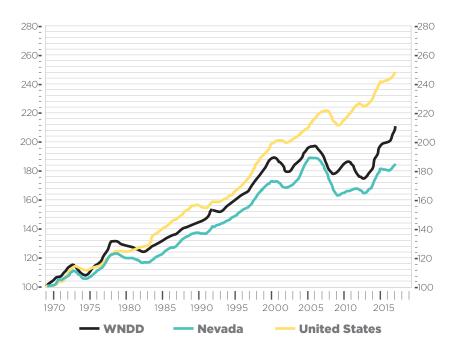


From 1969 to 2017 the per capita income in the WNDD region grew by 110%

From 1969 to 2017, the per capita income in the WNDD region grew by 110%, from \$24,018 to \$50,460. Comparatively, the state's real per capita personal income increased by more than 85.5% in the same time period, from \$23,492 to \$43,516. These numbers outperform national statistics, where U.S. real per capita income increased from \$19,636 to \$48,684 during the same time. There was a significant drop off beginning in 2008, which reflects the impact of the Great Recession experienced in the region. However, as the recession began to subside,

increased gains starting in 2013.

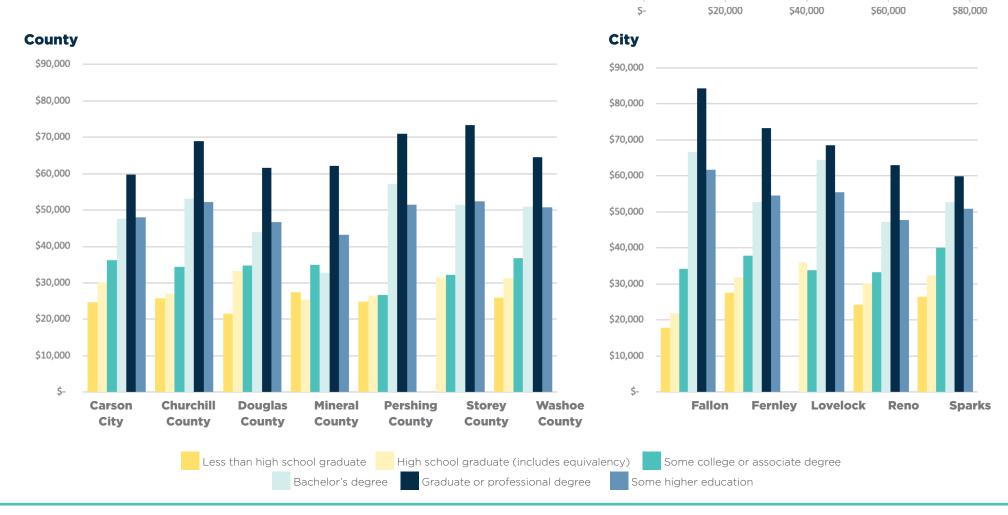
## Real Per Capita Personal Income Indices (1969=100): 1969-2017



## EARNINGS

## **By Educational Attainment**

For Individuals 25 Years and older, in 2018 Inflation-Adjusted Dollars



**Region Comparison** 

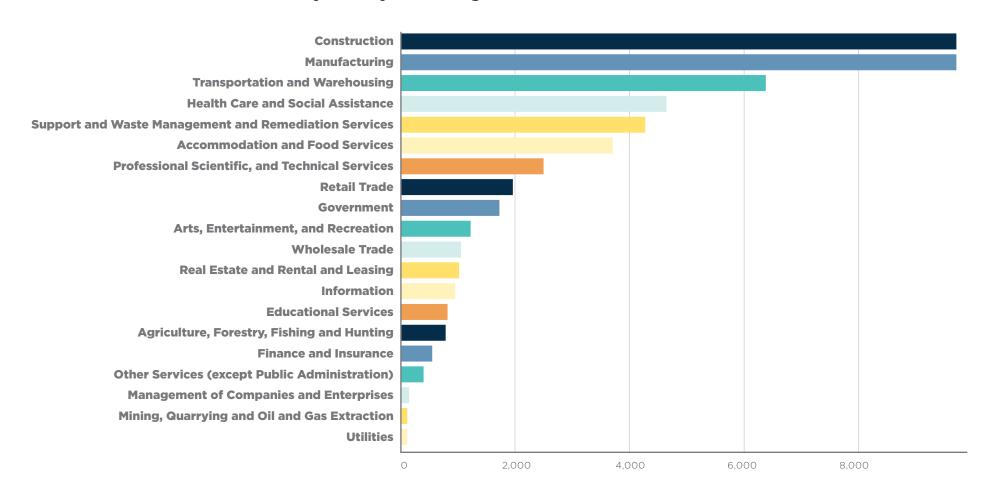
**United States** 

Nevada

**WNDD** Region

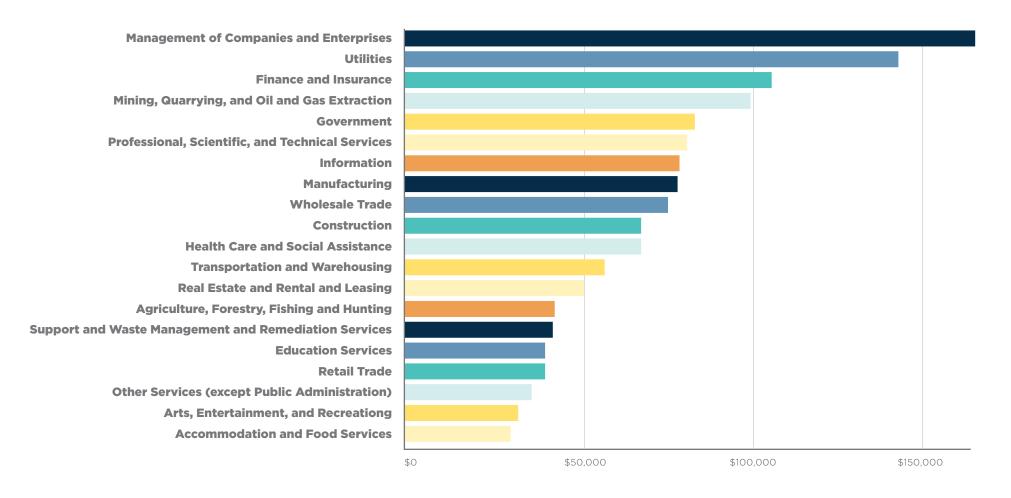
# Top Growing STRIES

### **Growth in Number of Jobs by Industry: WNDD Region**



## Top Industry EARNINGS

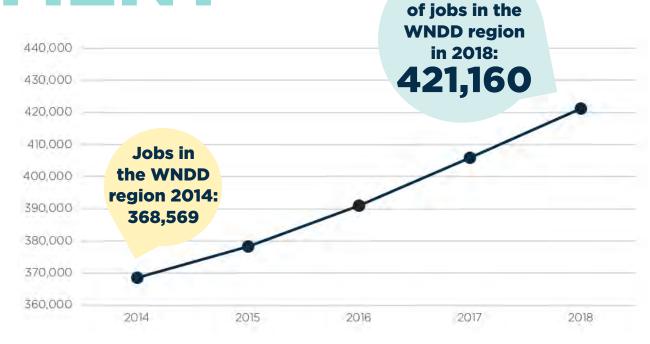
### **Top Earnings by Industry: WNDD Region**



**Total number** 

## Five-Year Total EMPLOYMENT

The number of jobs in the WNDD region grew at almost double the rate of the United States from 2014 to 2018. The majority of the job growth was primarily driven by Storey County, which saw an increase of more than 250% during that time. Storey County is home to the Tahoe-Reno Industrial Center (TRIC). which includes the Telsa and Panasonic Gigafactory, Wal-Mart regional food distribution center, Zulily, Thrive Market and many others. Areas that experienced doubledigit growth include Washoe County and the Reno-Sparks Metropolitan Statistical Area. which includes the cities of Reno and Sparks. and part of Greater Reno-Tahoe-Fernley Combined Statistical Area.



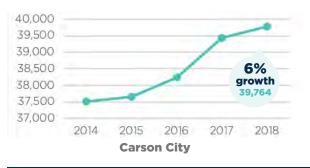


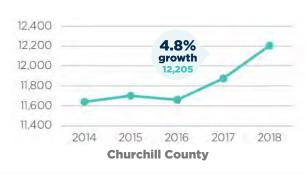


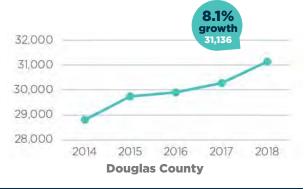
The majority
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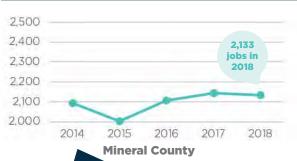
home to the Tahoe-Reno Industrial Center

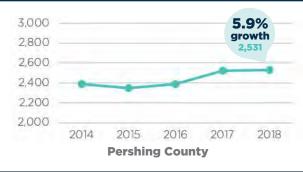
## **Total Number Of Jobs 2014-2018: County and City Metropolitan Statistical Areas**

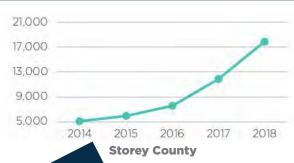






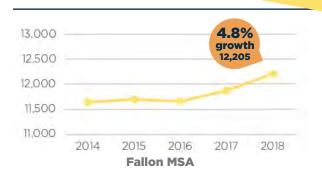


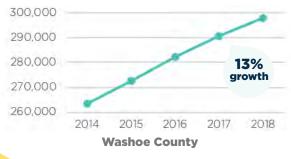


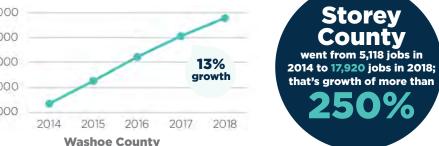


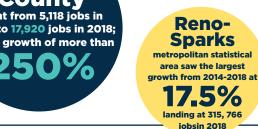
## Less than 2% growth in the total number of jobs in Mineral County, the least amount of growth in the WNDD region

### Following a large drop in 2015. Fernley landed just above flat at 1% growth

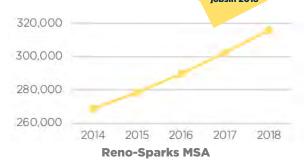








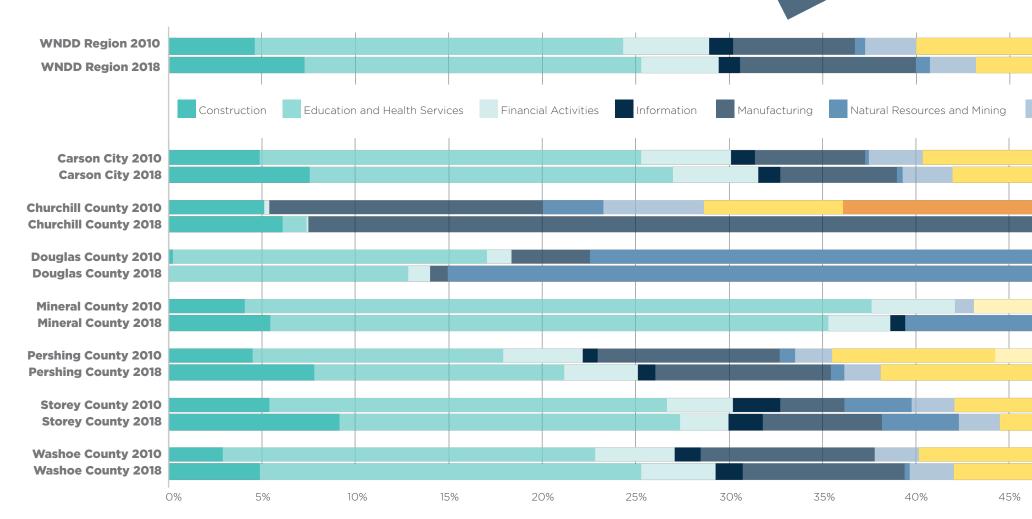




## Employment By INDUSTRY

The WNDD region's employment shows more diversity among industries than the state as a whole.

Manufacturing employment: more than double the state's average

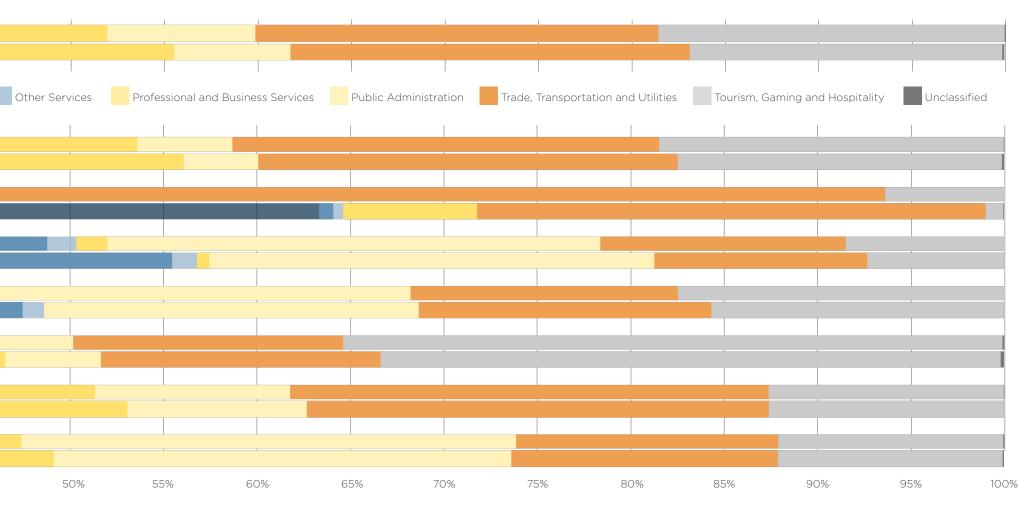


From 2010 to 2018, some of the fastest growing industries for employment in the WNDD region's counties included construction and manufacturing.

Both of these segments increase their overall employment by more than 94% and 78% respectively. Almost all counties in the WNDD region saw the number of people employed by construction increase, with the exception of Pershing county.

Tourism, gaming and hospitality employed 26% statewide in 2018, compared to 17% in the WNDD region

Storey County primarily drove the region's growth in manufacturing employment during this time, with an 2400% increase.



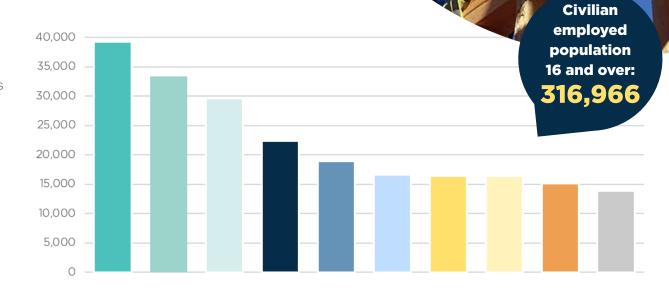
# Top Ten OCCUPATIONS by Employment

In the WNDD Region, almost one half of the civilian, employed population older than 16 is employed in five occupational areas:

- Office and administrative support occupations
- Sales and related occupations
- Management occupations
- Food preparation and serving related occupations
- Construction and extraction occupations

In general, most of the top occupations in the counties and cities in the region reflect that trend. However, some areas show more employment in the construction and extraction occupations, such as Mineral County. Pershing County bucks the trend a bit, as its top occupations include educational instruction, and library, and business and financial operations.

Those occupations with the least amount of workforce in the region include farming, fishing, and forestry, legal law enforcement workers including supervisors, life, physical, and social science firefighting and prevention, and other protective service workers including supervisors. However, this is in line with trends nationally and in Nevada.

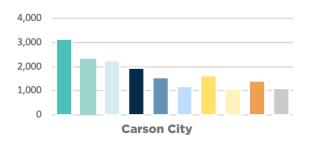


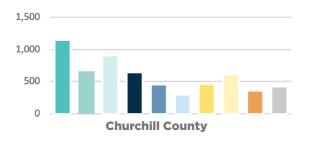
## **WNDD Top Ten Occupation Totals:**

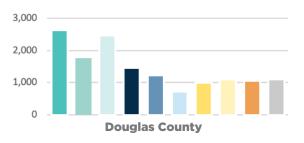
•	op .o o ooapadon .o.			
1.	Office and administrative support	39,306	6. Material moving	6,555
2.	Sales and related	33,333	7. Production	16,391
3.	Management	29,582	8. Educational instruction and library 1	6,342
4.	Food preparation and serving related	22,318	9. Business and financial operations	15,125
5.	Construction and extraction	18,949	10. Buildin/grounds cleaning and maintenance 1	3,798



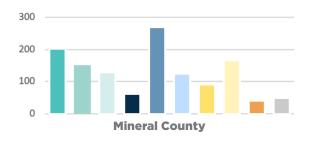
## **Top Ten Occupations: County and City**







Almost one half of the civilian, employed population older than 16 is employed in the top five occupational areas.

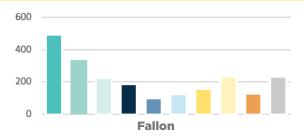


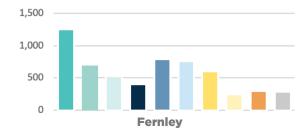




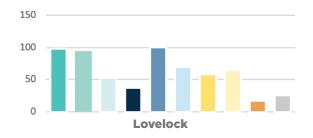
Mineral County holds the highest percentage, 15.6%, of employment in construction and extraction.

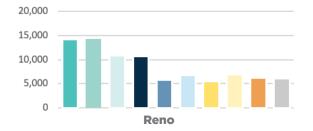


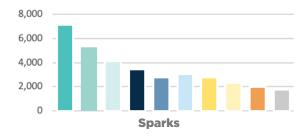




The city of Reno employs 87,366 people in the top ten occupations.





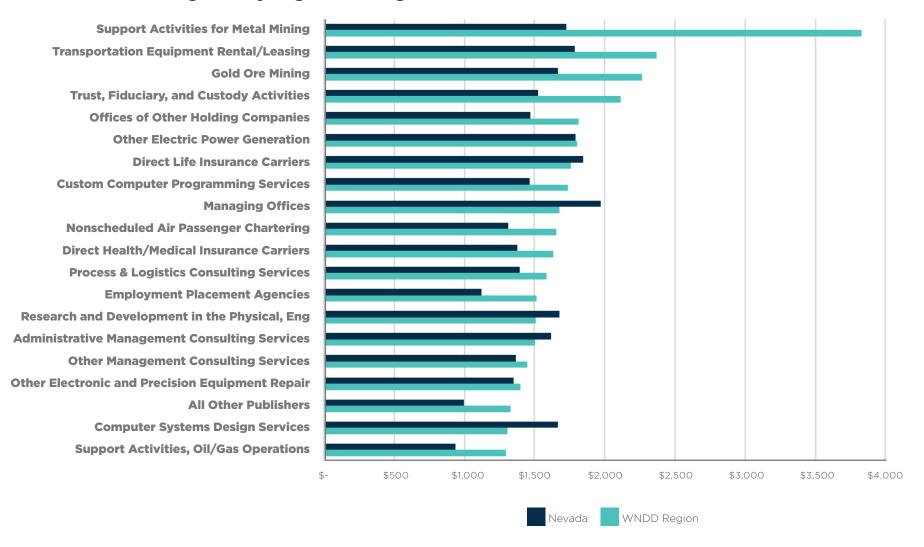


The top ten occupations account for roughly 65-75% of all occupations in the region.



The top wages in the WNDD region are paid for support activities for metal mining, which includes the exploration, mining, and quarrying of metallic minerals and for the extraction of metal ores.

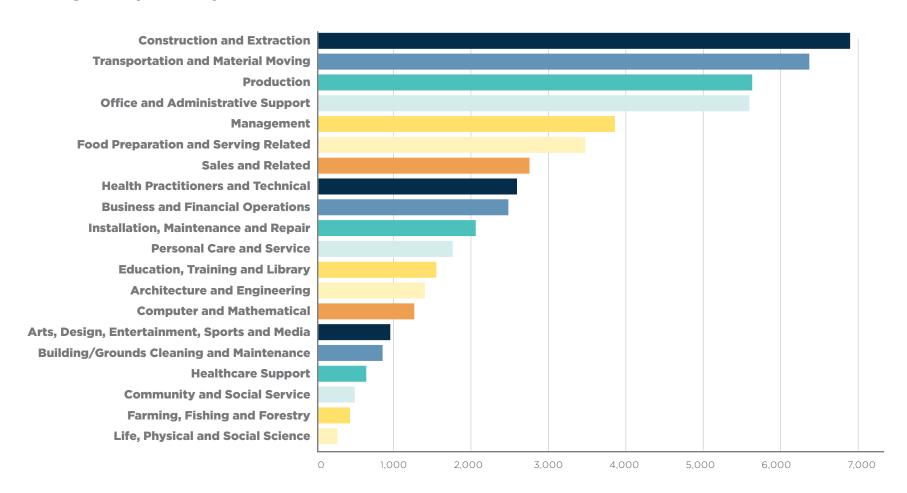
### **Average Weekly Wage: WNDD Region**



# Top Growing OCCUPATIONS

The top occupations in the future include construction and extraction, and transportation and material moving.

## The Region's top 20 Occupations in the Future



## Strengths, Weaknesses, Opportunities and Threats

The CEDS committee used a SWOT analysis to identify the factors that are likely to influence the success of the WNDD region in the context of its internal and external environment. More than 125 representatives from public and private entities participated in a regional SWOT workshop. Data presented to the attendees was provided by the Governor's Office of Economic Development, and the University of Nevada, Reno's Center for Economic Development and Cooperative Extension. To optimize the results of the activity and provide more targeted insights, the committee selected six sectors of focus.

### Six sectors of focus:



### **WORKFORCE**

Recruitment, Training



## **TRANSPORTATION**

Air, Rail, Road, Logistics



## **QUALITY OF LIFE**

Housing, Healthcare, Recreation, Arts, Entertainment



## **INFRASTRUCTURE**

Energy, Broadband, Communications, Water



## **BUSINESS/INDUSTRY**

Agriculture, Manufacturing, Mining, Technology, Aerospace, Health, Natural Resources, Tourism/Gaming



## **BUSINESS CLIMATE**

Access to Capital, Technical Assistance, Site Selection, Regulation

### Questions addressed in each sector:

## **STRENGTHS**



## **OPPORTUNITIES**

What are the most profound changes shaping our environment?

What innovation inspires us to change?

How can we make a difference for our region?

What are the top three opportunities we should focus on?

How can we reframe weaknesses or threats. so they become opportunities?

What synergies can we create with other sectors?

## **WEAKNESSES**

What aren't we doing well?

What are our greatest liabilities?

In what areas have we underperformed?

What are our limitations in resources, staff. technology, capital etc?

What are some of the reasons that we have not yet overcome our weaknesses?

> What do our weaknesses tell us about our region?



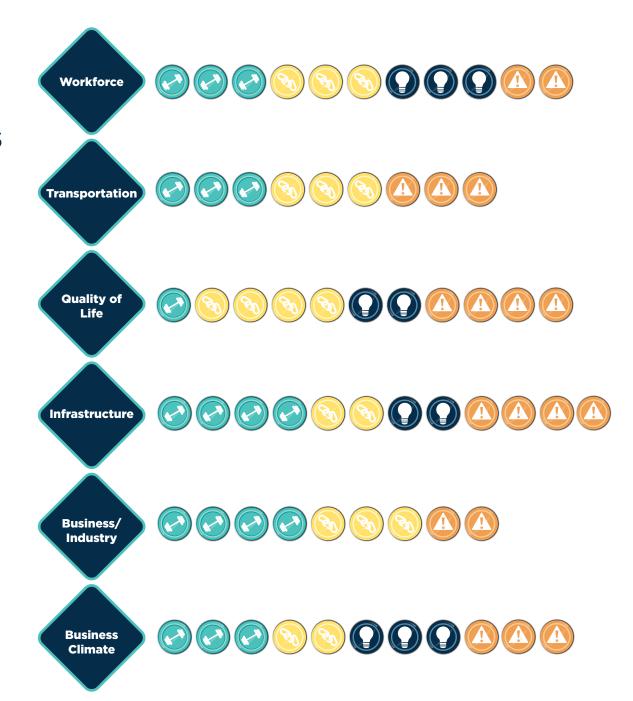
The word cloud in each segment represents how frequently an idea was discussed during the SWOT workshop.



# by Sectors of Focus

The analysis by sector of focus indicates that every segment faces a convergence of strengths, weaknesses, opportunities, and threats—which are often opposed and could be leveraged to improve one another.

For example, one of the strengths of the Workforce Recruitment and Training sector includes the region's potential for education. However, one of its weaknesses includes the inflexibility of educational options, which puts pressure on individuals to pursue a four-year degree, rather than a two-year degree or vocational certification. The same analysis indicates that the region has an opportunity to create business partnerships to improve the educational offerings, which could address a skills gap. In this way, education is both a strength, weakness, opportunity, and threat for the region's Workforce Recruitment and Training sector of focus.



W O T ANALYSIS

# **SWO**<sub>by Issue</sub>

Education Skills Gap 😻 🐧 🐧 🐯 Great Place to Live **\*** • • • • • • • • Workforce **6 1 6 6 6** Funding • • • • Affordable Housing • • • • Government Bureaucracy • • • • Technology **♦ 1 • •** Location • • Mass Transit 🟚 💿 Collaboration Between Agencies 💠 🕒 CTE Training Skills Certs/ Job Training 👁 🗨 💿 Regional Collaboration • • Education Potential **®** Travel Diversity Options • Connectivity • Funding Equity/Ed. Lack Of Route Alternatives •

Political Divide •

Workforce Strength Transportation Weakness Quality of Life Opportunity Infrastructure Threat Business/Industry

Business Climate Education Business Partners Positive Job Market • Political Considerations • • • Education inflexibility **@** Growing Population • Lack Of Rural Critical Services 🐽 Capitalize On Industrial And Opportunity Zones **1** Variety Of Renewable Energy Competitively Priced ••• Growing Demand = Investment Expansion • Water Planning Mitigated Future Drought **1** Natural Resources • Infrastructure 1 Permitting Communication/ Entrepreneurship Laws & Regulations &

Streamlined Permitting ...

In analyzing both the sectors of focus and issues, several key matters emerged that spanned multiple areas and also received frequent mention. The top mentioned issues across all sectors of focus included:

**SWOT Analysis** 

Issue

## **Education Skills Gap** Infrastructure **Great Place to Live** Workforce Funding **Affordable Housing Government Bureaucracy Technology**

Using this analysis, the CEDS Committee and WNDD Board of Directors determined the highest priorities for the WNDD region to address with the CEDS and the basis of its goals.

# **Planning for** ECONOMIC Resiliency







**Economic Resiliency Workshop** 

As part of the development of the CEDS 2020-2025, WNDD hosted an interactive, in-depth regional workshop regarding how to plan for economic resiliency with programs and investments. Brett Schwartz, the Associate Director of the National Association of Development Organizations Research Foundation and Program Manager for Stronger CEDS, Stronger Regions, and Tonya Graham, the Executive Director of the Geos Institute, led the group and addressed strengthening regional resilience.

Participants explored if their communities were ready for economic stressors, such as climate events, workforce shortages, natural disasters, or economic downturns—the final topic being particularly prescient given that the COVID-19 pandemic would arrive in

the WNDD region mere months after this workshop.

The workshop also helped participants plan how to address future changes, anticipate shocks, withstand disruption, and bounce back from adversity by fostering regional partnerships.

Within the context of economic resilience. workshop attendees examined how their communities and the broader region would be able to avoid, withstand, or recover from a shock. They identified vulnerabilities in the region, and also what capacities could be bolstered to improve economic resiliency.

As a result, they discussed developing both steady-state and responsive initiatives with

specific regional relevance. The steady-state initiatives aimed to create long-term efforts to bolster the region's ability to withstand or avoid a shock. Those were paired with responsive initiatives to establish WNDD's capabilities to respond to the region's recovery needs following an incident.

Results from the workshop included responses to how to prepare for flooding, drought, fire, and the closing of a significant employer.

Their findings and resulting action plans are woven into the CEDS and provided additional information to inform the Action Plan. Specifically, the goal and strategies regarding economic resiliency planning for the region.

## **ACTION PLAN**

Based on the SWOT analysis, the Economic Resiliency Workshop, stakeholder meetings, as well as board and CEDS committee meetings, the following six goals were identified to support the region's resilience, sustainability, and growth:

### **ECONOMIC RESILIENCY**

Prepare, preserve and promote the region's vitality

#### **INFRASTRUCTURE**

Improve advance infrastructure capacities to meet regional needs

#### **TRANSPORTATION**

Develop a multi-modal transit network on a regional scale

### HOUSING

Build and maintain diversified, attractive and affordable housing options

#### **QUALITY OF LIFE**

Heighten the region's already appealing quality of life

#### **WORKFORCE**

Support workforce development, retention, recruitment, and delivery

Each goal is supported by many bottom-up strategies that build on regional assets and leverage new ideas and creative approaches to advance the region's prosperity and future. A variety of performance measures provide the mechanism to assess the implementation and efficacy of each goal and strategy.

Ultimately, this action plan aims to support economic development, foster job creation, attract investment, advance innovation, and enhance the region's capacity and resiliency.

## **VISION STATEMENT**

The Western Nevada

Development District region

and its communities enjoy

a vibrant, resilient and

sustainable economy as a

result of coordinated planning

and a shared commitment for a

high quality of life.



## **GOAL: ECONOMIC RESILIENCY**

With the impact of the COVID-19 pandemic, economic resiliency becomes even more critical to the region's future. The following strategies will be adopted and implemented to bolster and sustain the long-term economic vitality and resiliency of the region:

- 1 Organize partners and resources to create an **economic resiliency plan** for the region and its communities.
- economic vulnerabilities, consequences, and assets as a part of developing initial responses and

recovery strategies.

**Identify regional and community** 

Work with partners and stakeholders to develop, coordinate, and implement training programs and provide resources to plan for economic resiliency.

## The following performance measures will gauge these strategies:

- Number of meetings in which WNDD participates to promote economic resiliency
- Number of partnerships established with WNDD that support strategies
- Number of trainings and workshops provided regarding economic resiliency
- Number of attendees at trainings/workshops on economic resiliency
- Creation of regional Economic Resiliency Plan
- Number of community Economic Resiliency Plans established
- Funding acquired to implement economic resiliency strategies



## **GOAL: HOUSING**

To promote diversified housing options for all income levels and to support a robust and sustainable economy, the region will adopt and implement the following strategies:

- **Explore opportunities,** identify mechanisms and promote public/private partnerships for attainable housing projects
- Galvanize regional communities to retain and expand housing options at varied price points to ensure equitable and accessible housing for people in all life stages and means
- Work with regional partners and stakeholders to **identify barriers to housing development** and determine best practices to dismantle those hindrances
- Promote **state**, **federal**, **and local programs and resources** that assist in developing affordable housing

## These strategies will be gauged by the following performance measures:

- Number of meetings in which WNDD participates to promote housing strategies
- Number of partnerships established with WNDD that support strategies
- Number of expanded housing options established

transitional housing apartment complex located in Carson City. This complex houses homeless or severely low income individuals

Richard's Crossing is a 39 unit,

severely low income individuals and families, and has a Veteran preference. All units are fully furnished.

Richard's Crossing, Carson City

Garth Richards donated the land and FISH was involved with the design/inception of this building.





## **GOAL: INFRASTRUCTURE**

To support economic development, resiliency, and community vitality, the region needs advanced infrastructure developments, including water, sewer, energy, and broadband. The region will adopt and implement the following strategies to achieve these improvements:

- Explore opportunities and identify mechanisms to streamline the **expansion** or development of infrastructure to rural projects
- Maintain, replace, or expand the capacity and connectivity of regional water, sewer, rail, power, natural gas, and telecommunications infrastructure to meet growth and development needs
- Ensure rural communities have sufficient infrastructure to **recruit** business and iobs and in response to the growth of the region
- Explore creative infrastructure deployment activities that go beyond fixed wireless
- networks

Promote broadband and 5G technology investment to maximize business recruitment and iob creation

## These strategies will be gauged by the following performance measures:

- Number of meetings in which WNDD participates to promote infrastructure strategies
- Number of partnerships established with WNDD that support strategies
- Number of infrastructure projects submitted for grant funding
- Number of infrastructure project grants successfully funded

## **GOAL: QUALITY OF LIFE**

While the region's quality of life was identified as a strength during the SWOT, it can be heightened with advanced health and wellness capabilities, quality vocational and educational opportunities, and vibrant arts, culture, and recreation choices. The following strategies aim to improve the region's quality of life:

- Promote regional collaboration for more robust networks, including market connections between rural and urban areas
- Explore opportunities and identify mechanisms for the arts, culture, and recreation to be promoted as essential elements to quality of life as well as recruiting business, industry, and workforce.
- Support revitalization of downtown areas
- stakeholders to support lifelong learning opportunities that promote social connections. health and wellness, and social responsibility resulting in greater economic self-sufficiency

Encourage partners and

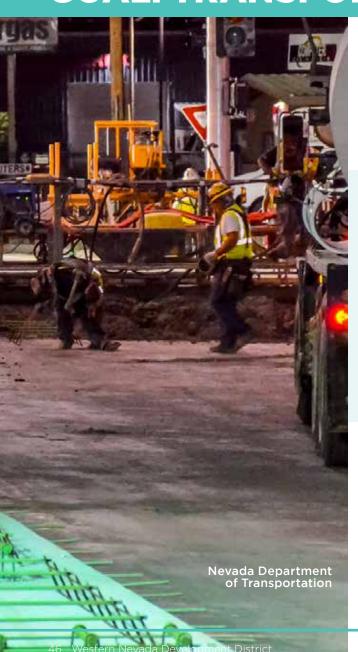
## These strategies will be gauged by the following performance measures:

- Number of meetings in which WNDD participates to promote quality of life strategies
- Number of partnerships established with WNDD that support strategies
- Number of downtown revitalization activities.



Lake Tahoe

## **GOAL: TRANSPORTATION**



Because of the interconnectedness of the region's urban and rural areas for commerce, housing, and employment, developing multi-modal transportation on a regional scale is imperative to the area's future. As such, WNDD will work with partners to build regional transportation options that improve the movement of people and goods, are environmentally sensitive, facilitate energy conservation, and promote effectual economic development. To do so, it will adopt and implement the following strategies:

- 1 Connect and strengthen partnerships with transportation agencies
- Explore and determine the feasibility of a broader regional transportation planning agency
- Support the efficient and effective movement of supply chain/product with transportation partners for business and industry

- 4 Support alternate modes of transportation and policies
- Promote transportation that moves people to places of employment and recreation.
- Work with partners/stakeholders to increase transportation options that benefit the environment and support residents' healthy lifestyles

## These strategies will be gauged by the following performance measures:

- Number of meetings in which WNDD participates to promote transportation strategies
- Partnerships established with WNDD that support and engage strategies
- Feasibility of wider regional transportation planning agency determined
- Policies developed/adopted to promote alternate modes of transportation

## **GOAL: WORKFORCE**

To meet the growing needs of business and industry and create economic resiliency, the region must support workforce development, retention, recruitment, and delivery. To do so, the following strategies will be adopted and implemented:

- Raise educational and skill levels in the region to close the skill gap and improve quality of life
- Promote the development of pathways to retain the workforce in the region
- Strengthen competitive edge to recruit and retain a workforce with robust community support systems and access to childcare, healthcare, education, transportation, and housing
- Work with partners to promote opportunities that provide upskilling, increased credential attainment, and shifting occupational skills

- Advance training programs to help trade affected, unemployed, underemployed, low-wage, or unskilled workers maximize selfsufficiency
- Encourage innovative approaches to workforce development in response to new and emerging technological advances being embraced by business and industry now and in the future
- Advocate for job creation that results in sustainable, quality jobs in a more resilient, more diverse economy



## These strategies will be gauged by the following performance measures:

- Number of meetings in which WNDD participates to promote workforce development strategies
- Number of partnerships established that support and engage workforce strategies
- Number of programs that upskill. provide credential attainment and training for dislocated adult workers
- Number of workforce development programs established to address new and emerging technological advances



## **APPENDICES**

## WNDD CEDS PROJECTS

## The following projects are supported by the 2020-2025 CEDs:



- Greening William Street
- Carson City Emergency Operations Center
- Quill Water Treatment Plant Upgrade
- Southeast Carson Mandatory Sewer

## **Churchill County**

- CHIP Wastewater Treatment Project
- CHIP Water Treatment Project
- Churchill County North Industrial Area
- County Fairgrounds Covered Area
- Reno Highway Wastewater Expansion
- Reno Highway Water System Expansion

## **City of Fernley**

- BOR Park #1 Development
- Fernley City-Wide Fiber Optic

- Fernley Community Center
- Fernley Main Street Revitalization
- Fernley Railroad Underpass
- Fernley Street Reconstruction
- Nevada Pacific Parkway Extension
- Silverland Park Ball Fields
- Upgrades to City Water Delivery
- Water Management

## **City of Reno**

- City Hall Seismic Retrofit
- Downtown Fire Station Headquarters
- Fire Station Repair and Reconstruction
- Lear II Lift Station and Force Main
- Public Safety Center
- Reno Fire Station HQ
- Reno Fire Station #1
- Reno Moana Recreation Facility



- Reno Quality of Life Projects
- Rosewood Lakes Regional Athletics
- RSWRF Aquifer Storage and Recovery
- The Parking Gallery Addition
- Downtown Reno Beautification Project

## **City of Sparks**

• TMWRF-Advanced Nutrient Treatment

## **Douglas County**

- DC Tahoe Business Incubator Project
- DC MAINSTREET Incubator Project
- Muller Parkway

## **Economic Development Authority of Western Nevada/ EDAWN**

• Technology Apprenticeship Programs

## JOIN Inc.

- Career Bound NV
- Training Nevadans for Careers

## **Lake Tahoe Visitors Authority**

Lake Tahoe Events Center

## **Mineral County**

- Sidewalks and Gutters
- Industrial Property Utilities
- Potable Water Supply Storage
- Waste Water ReUse

## **Pershing County**

- Broadband Last Mile
- Community Parks Upgrade
- Community Youth Center & Gym
- Derby Field Water Main
- 180 Exits 105, 106, 107
- Imlay Water System
- Lovelock Beautification/Landscaping
- Lovelock Depot/Block Development
- Lovelock Fire Station Addition
- Lovelock Housing
- Lovelock Sewer
- Maszen House Museum Upgrades

- NDOT G-29 Bridge
- Park & Ride Shuttle Services
- PC Economic Development & Lands Bill
- PC Hiking/Biking/Walking Trails
- PC Hot Springs/Ghost Towns/40 Mile Desert
- PC Law Enforcement Center
- Redevelopment Area

## **Storey County**

- C Street Dedication
- Gold Hill Sewer Phase II.
- Lockwood Center
- Lockwood Flood
- Lousetown Road
- Mark Twain Flood Mitigation
- Six Mile Canyon
- Virginia City Freight Depot
- Virginia City Visitor's Center

## **Tahoe Prosperity Center**

- Broadband Infrastructure
- Workforce Development -Green Job - Diversifying the economy
- Resiliency Plan for Tahoe Basin
- Revolving Loan Program

## **Truckee Meadows Community College**

EastView Training Center

## **University of Nevada, Reno**

• Tribal College on Yerington Paiute Reservation

## **Washoe County**

- Bailey Creek Sediment Improvements
- Calle De La Plata Improvements
- Heppner Subdivision Sediment
- Lemmon Drive Improvements
- STMWRF-TMWRF Intertie
- Swan Lake Reservoir Dam

## **Western Nevada College**

• Fallon Workforce Development Training Center

## **WNDD**

- Improving Rural Connectivity
- Regional Resiliency Plan

## **OPPORTUNITY ZONES**

The Opportunity Zone program, established in The Tax Cuts and Jobs Act of 2017, is a tax incentive, designed to encourage long-term private investment in low-income communities.

The program essentially runs on two tracks. First, governors in each state nominate opportunity zones, which are low-income community census tracts that could benefit from significant private investment. Second, once the zones are certified by the U.S. Treasury Department, interested private investors must invest in opportunity funds, specialized vehicles that can then be utilized to invest in the certified opportunity zones.

In June 2018, 61 of Nevada's low-income census tracts received official designation as Qualified Opportunity Zones by the U.S. Department of Treasury and the IRS.

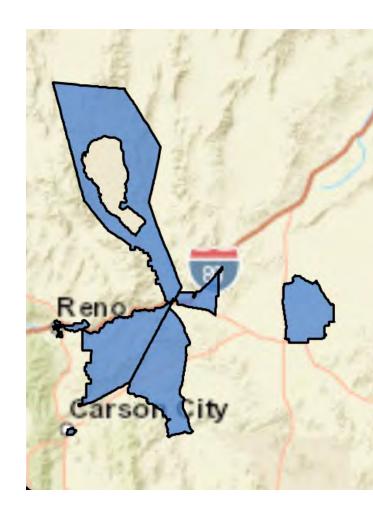
Of those 61, 12 are located in the WNDD Region, in Carson, Churchill, Storey and Washoe counties.

In the Opportunity Zones, the tax incentives reduce taxes on realized capital gains that are quickly reinvested into these designated census tracts by providing three benefits:

- 1. The deferral of taxes
- 2. A reduction in taxes by 10 to 15 percent
- 3. The exclusion of capital gains tax on appreciation if held for 10 years.

O-Zone investments take the form of equity, are expected to account for up to 30 percent of the capital investment in an entity, and must be made through Opportunity Zone Funds. This incentive is expected to generate billions of dollars of investment into low-income areas that have previously not been able to attract reasonable cost of capital to spur economic and community development.

In the WNDD region, the Northern Nevada Development Authority (NNDA) spearheads this effort and works collaboratively with the Western Nevada Development District.



## **Population: Totals**

	1970 Population	1980 Population	1990 Population	2000 Population	2010 Population	2018 Population	1970 - 2018	1970 - 2018 People
							% Change	Change
WNDD Region	164,347	269,751	354,022	472,347	555,738	611,364	272.0%	447,017
Carson City	15,468	32,022	40,443	52,457	55,375	54,467	252.1%	38,999
Churchill County	10,513	13,917	17,938	23,982	24,946	24,010	128.4%	13,497
Douglas County	6,882	19,421	27,637	41,259	47,042	47,828	595.0%	40,946
Mineral County	7,051	6,217	6,475	5,071	4,812	4,448	-36.9%	-2,603
Pershing County	2,670	3,048	4,336	6,693	6,703	6,611	147.6%	3,941
Storey County	695	1,503	2,526	3,399	4,016	3,941	467.1%	3,246
Washoe County	121,068	193,623	254,667	339,486	412,844	450,486	272.1%	329,418
Fallon	2,959	4,262	6,430	7,536	8,560	8330	181.5%	5,371
Fernley	N/A	N/A	5,164	8,543	18,378	19573	N/A	N/A
Lovelock	1,680	N/A	3,232	4,781	2,139	1806	7.5%	126
Reno	72,863	100,756	133,850	180,480	220,996	242633	233.0%	169,770
Sparks	24,187	40,780	53,367	66,346	87,301	98524	307.3%	74,337

Sources: U.S. Census Bureau, 1970, 1980, 2010, 2018

## **Population: Growth Projections**

	2018 Population	2037 Population	Predicted Population Change	Predicted % Change	2010 Population	2018 Population	1970 - 2018 % Change	1970 - 2018 People Change
WNDD Region's	591,791	720,237	128,446	21.7%	555,738	611,364	272.0%	447,017
Counties								
Carson City	54,467	57,599	3,132	5.75%	55,375	54,467	252.1%	38,999
Churchill County	24,010	27,116	3,106	12.94%	24,946	24,010	128.4%	13,497
Douglas County	47,828	55,268	7,440	15.56%	47,042	47,828	595.0%	40,946
Mineral County	4,448	4,734	286	6.43%	4,812	4,448	-36.9%	-2,603
Pershing County	6,611	7,133	522	7.90%	6,703	6,611	147.6%	3,941
Storey County	3,941	6,490	2,549	64.68%	4,016	3,941	467.1%	3,246
Washoe County	450,486	561,897	111,411	24.73%	412,844	450,486	272.1%	329,418
Fallon	2,959	4,262	6,430	7,536	8,560	8330	181.5%	5,371
Fernley	N/A	N/A	5,164	8,543	18,378	19573	N/A	N/A
Lovelock	1,680	N/A	3,232	4,781	2,139	1806	7.5%	126
Reno	72,863	100,756	133,850	180,480	220,996	242633	233.0%	169,770
Sparks	24,187	40,780	53,367	66,346	87,301	98524	307.3%	74,337

## **Population: Growth Projections - Totals and up to 44 years**

	Total population	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years
WNDD Region	611364	35505	36734	36830	36244	38829	85567	72328
Carson City	54467	2883	3042	3318	3096	3236	6623	6195
<b>Churchill County</b>	24010	1621	1567	1345	1441	1570	3049	2492
<b>Douglas County</b>	47828	1768	2530	2359	2511	2124	4587	4713
Mineral County	4448	229	237	186	194	253	559	336
Pershing County	6611	290	301	360	258	243	1153	935
Storey County	3941	148	234	143	114	160	271	474
Washoe County	450486	27179	27570	28068	27189	30294	66646	54964
Fallon	8330	718	525	388	573	627	1337	1009
Fernley	19573	1387	1253	1051	1441	949	2679	2219
Lovelock	1806	111	132	172	94	51	210	208
Reno	242633	15103	15028	14254	14454	19443	40452	30142
Sparks	98524	6242	6211	6657	6171	5837	14209	12611

## **Population: Growth Projections - 45 years and over**

	45 to 54 years	55 to 59 years	60 to 64 years	65 to 74 years	75 to 84 years	85 years and
						over
WNDD Region	79898	43191	41988	65340	28910	10000
Carson City	7199	4339	3869	6235	2901	1531
Churchill County	3150	1754	1575	2708	1320	418
Douglas County	5902	4276	4447	7672	3956	983
Mineral County	527	436	392	672	357	70
Pershing County	1145	371	494	706	294	61
Storey County	597	368	256	779	366	31
Washoe County	58930	30243	29584	44468	18647	6704
Fallon	983	687	345	684	364	90
Fernley	2448	1404	1371	2100	1069	202
Lovelock	332	75	140	187	59	35
Reno	29710	15348	13698	21515	9981	3505
Sparks	13133	6199	6210	9689	3566	1789

Source: U.S. Census Bureau, American Community Survey, 2018

## **Average Median Age**

	Median age
	(years)
WNDD Region	44.8
Carson City	42.8
Churchill County	39.5
<b>Douglas County</b>	51.5
Mineral County	50.1
Pershing County	43.4
Storey County	52.9
<b>Washoe County</b>	38.1
Fallon	34.9
Fernley	40
Lovelock	43.2
Reno	35.6
Sparks	37.8

## **Population: Diversity, Culture, Race**

	Total Population	White	Hispanic Or Latino	Black Or African American	American Indian And Alaska Native	Asian	Native Hawaiian And Other Pacific Islander	Some Other Race	Two Or More Races
WNDD Region	611,364	403,650	136,981	12,106	10,409	26,171	2,806	1,148	18,093
Carson City	54,467	36,753	12,931	908	1,050	1,431	20	145	1,229
Churchill County	24,010	17,684	3,260	576	964	663	50	57	756
<b>Douglas County</b>	47,828	38,725	5,981	304	904	626	87	63	1,138
Mineral County	4,448	2,611	537	110	909	129	0	3	149
Pershing County	6,611	4,340	1,597	280	193	87	30	3	81
Storey County	3,941	3,330	203	32	75	38	0	0	263
Washoe County	450,486	285,766	108,922	9,605	5,982	22,955	2,604	843	13,809
Fallon	8,330	5,771	1,250	306	139	367	26	57	414
Fernley	19,573	14,441	3,550	291	332	242	15	34	668
Lovelock	1,806	1,284	394	10	94	9	6	0	9
Reno	242,633	148,350	59,827	6,141	2,129	15,415	1,846	625	8,300
Sparks	98,524	57,267	28,911	2,187	1,090	5,488	426	76	3,079

Source: U.S. Census Bureau, American Community Survey, 2018



## Population: Educational Attainment - 18-24 years old

	Population 18 to	Less than high	High school graduate	Some College Or	Bachelor's	Some Higher
	24 years	school graduate	or equivalent	Associate Degree	Degree or higher	Education
WNDD	52,625	7,552	17,368	24,043	3,662	27,705
Carson City	4,328	782	1,557	1,839	150	1,989
Churchill County	2,065	351	935	656	123	779
Douglas County	2,957	354	1,254	1,154	195	1,349
Mineral County	330	16	171	143	0	143
Pershing County	356	172	102	82	0	82
Storey County	202	17	92	87	6	93
Washoe County	40,948	5,513	12,596	19,651	3,188	22,839
Fallon	787	122	295	270	100	370
Fernley	1,439	347	661	431	0	431
Lovelock	98	35	54	9	0	9
Reno	25,810	3,041	6,682	13,509	2,578	16,087
Sparks	7,955	1,234	3,011	3,437	273	3,710

## **Population: Educational Attainment - 25 years and older**

	Population 25 years and older	Less than 9th grade	9th to 12th grade, no diploma	High school graduate or equivalent	Some college, no degree	Associate's degree	Bachelor's Degree	Graduate or professional degree	Some Higher Education
WNDD	427,222	18,983	29,185	107,898	112,995	37,705	75,856	44,600	271,156
Carson City	38,892	1,612	3,327	10,705	10,678	3,916	5,513	3,141	23,248
Churchill County	16,466	667	825	5,327	4,969	1,798	2,008	872	9,647
Douglas County	36,536	873	1,411	8,797	10,654	4,249	6,545	4,007	25,455
Mineral County	3,349	48	384	1,228	961	246	354	128	1,689
Pershing County	5,159	406	539	1,740	1,301	411	403	359	2,474
Storey County	3,142	16	146	942	960	176	642	260	2,038
Washoe County	310,186	14,981	21,436	74,194	79,431	25,677	59,069	35,398	199,575
Fallon	5,499	191	257	1,842	1,743	538	649	279	3,209
Fernley	13,492	380	1,117	4,965	4,041	1,232	1,322	435	7,030
Lovelock	1,246	106	120	572	235	55	77	81	448
Reno	164,351	8,196	11,703	36,846	40,736	12,817	33,305	20,748	107,606
Sparks	67406	3,798	4,992	18,496	18,157	6,254	10,761	4,948	40,120

Source: U.S. Census Bureau, American Community Survey, 2018

## **Employment: Median Earnings By Educational Attainment**

	Median Earnings In The Past 12 Months (In 2018 Inflation- Adjusted Dollars) Population 25 Years And Older	Less Than High School Graduate	High School Graduate		Bachelor's Degree	Graduate Or Professional Degree	Some Higher Education
WNDD	\$ 35,827	\$ 25,400	\$ 29,626	\$ 34,239	\$ 48,750	\$ 66,778	\$ 49,922
Carson City	\$ 35,384	\$ 24,604	\$ 30,155	\$ 36,289	\$ 47,712	\$ 59,764	\$ 47,922
Churchill County	\$ 34,375	\$ 25,830	\$ 26,992	\$ 34,471	\$ 53,214	\$ 68,906	\$ 52,197
<b>Douglas County</b>	\$ 36,464	\$ 21,606	\$ 33,244	\$ 34,716	\$ 44,010	\$ 61,616	\$ 46,781
Mineral County	\$ 30,813	\$ 27,465	\$ 25,368	\$ 34,914	\$ 32,813	\$ 62,120	\$ 43,282
Pershing County	\$ 34,129	\$ 24,792	\$ 26,599	\$ 26,711	\$ 57,102	\$ 70,848	\$ 51,554
Storey County	\$ 41,368	-	\$ 31,544	\$ 32,214	\$ 51,500	\$ 73,333	\$ 52,349
<b>Washoe County</b>	\$ 37,950	\$ 25,924	\$ 31,240	\$ 36,812	\$ 50,992	\$ 64,421	\$ 50,742
Fallon	\$ 33,052	\$ 17,844	\$ 21,919	\$ 34,225	\$ 66,738	\$ 84,280	\$ 61,748
Fernley	\$ 36,136	\$ 27,578	\$ 31,868	\$ 37,786	\$ 52,658	\$ 73,214	\$ 54,553
Lovelock	\$ 36,576	-	\$ 36,058	\$ 33,750	\$ 64,500	\$ 68,438	\$ 55,563
Reno	\$ 35,677	\$ 24,233	\$ 30,227	\$ 33,255	\$ 47,258	\$ 62,955	\$ 47,823
Sparks	\$ 38,521	\$ 26,480	\$ 32,390	\$ 40,082	\$ 52,737	\$ 59,846	\$ 50,888

Source: U.S. Census Bureau, American Community Survey, 2018

## **Employment: Total Jobs**

	2014	2015	2016	2017	2018
WNDD	368,569	378,287	390,906	405,883	421,160
Carson City	37,521	37,650	38,245	39,441	39,764
<b>Churchill County</b>	11,641	11,699	11,658	11,872	12,205
<b>Douglas County</b>	28,803	29,730	29,906	30,283	31,136
Mineral County	2,094	2,001	2,105	2,143	2,133
Pershing County	2,391	2,349	2,389	2,521	2,531
Storey County	5,118	5,902	7,526	11,827	17,920
<b>Washoe County</b>	263,536	272,458	282,338	290,609	297,846
Fallon	11,641	11,699	11,658	11,872	12,205
Fernley	17,465	16,498	16,739	17,187	17,625
Reno-Sparks MSA	268,654	278,360	289,864	302,436	315,766

Source: U.S. Bureau of Economic Analysis



## **2010 Average Employment by Industry**

	Construction	Education & Health Services	Financial Activities	Information	Manufacturing	Natural Resources & Mining	Other Services	Prof. & Business Services	Public Admin.	Trade, Trans. & Utilities	Tourism, Gaming & Hospitality	Unclassified
WNDD	11,136	47,615	11,134	3,066	15,765	1,339	6,596	28,832	19,187	52,156	44,705	166
Carson City	802	5,508	1,182	384	2,572		660	1,999	7,319	3,879	3,331	20
Churchill County	421	1,663	276	198	269	282	178	727	814	2,001	983	5
<b>Douglas County</b>	775	2,303	732	136	1,673	140	342	1,501	1,014	2,482	6,056	23
Mineral County	41	338	45				10		253	144	176	
Pershing County	4	271	21		68	423	25	27	425	212	137	
Storey County	132		7		376	84	138	192		1,481	164	
Washoe County	8,961	37,532	8,871	2,348	10,807	410	5,243	24,386	9,362	41,957	33,858	118

Source: Nevada Department of Employment, Training & Rehabilitation

## **2018 Average Employment by Industry**

	Construction	Education & Health	Financial Activities	Information	Manufacturing	Natural Resources &	Other Services	Prof. & Business	Public Admin.	Trade, Trans. &	Tourism, Gaming &	Unclassified
		Services				Mining		Services		Utilities	Hospitality	
Nevada	89,123	220,045	63,499	16,714	55,390	19,373	34,982	191,412	63,186	260,941	354,109	2,313
WNDD	21,610	54,083	12,414	3,412	28,208	2,253	7,346	37,040	18,633	64,035	50,203	266
Carson City	1,465	6,116	1,193	434	2,596	84	708	2,124	7,339	4,277	3,605	23
Churchill County	765	1,519	219	151	533	343	184	717	801	2,063	1,051	
Douglas County	1,536	2,631	779	184	1,845	143	380	1,658	1,011	2,945	6,531	32
Mineral County	53	290	32	8		78	11		195	152	152	
Pershing County		249	23		18	787	25	14	462	221	142	
Storey County	1,026	214	18		9,400	130	87	1,208		4,580	162	4
<b>Washoe County</b>	16,765	43,064	10,150	2,635	13,816	688	5,951	31,319	8,825	49,797	38,560	207

Source: Nevada Department of Employment, Training & Rehabilitation

## **Employment: Occupations**

	WNDD	Carson City	Churchill County	Douglas County	Mineral County	Pershing County	Storey County	Washoe County	Fallon	Fernley	Lovelock	Reno	Sparks
Office and administrative support	39,306	3,155	1,147	2,638	202	174	282	27,726	492	1,258	98	14,166	7,149
Sales and related	33,333	2,334	659	1,763	152	176	215	25,062	337	693	95	14,328	5,260
Management	29,582	2,256	911	2,461	129	211	140	21,114	225	531	53	10,784	4,133
Food preparation and serving related	22,318	1,959	643	1,469	62	37	180	16,546	187	403	37	10,672	3,468
Construction and extraction	18,949	1,562	462	1,222	270	135	94	12,094	100	794	100	5,839	2,754
Material moving	16,555	1,181	299	718	125	115	33	12,166	124	760	70	6,758	3,042
Production	16,391	1,639	467	992	91	58	77	10,757	160	605	58	5,487	2,792
Educational instruction, and library	16,342	1,092	619	1,112	166	178	135	11,787	232	250	65	6,960	2,348
Business and financial operations	15,125	1,424	366	1,052	41	169	35	11,067	130	298	18	6,233	1,997
Building and grounds cleaning and maintenance	13,798	1,106	423	1,102	50	45	62	9,937	235	286	26	6,139	1,760
Personal care and service	12,615	1,044	237	914	145	16	53	9,210	98	370	16	5,343	1,901
Transportation	11,817	809	492	470	66	133	51	7,923	225	584	8	3,855	1,941
Health diagnosing and treating practitioners and other technical	10,412	757	364	607	0	36	29	8,106	157	191	10	4,485	1,604
Installation, maintenance, and repair	9,953	1,069	451	607	80	82	98	6,283	138	391	35	2,857	1,652

Source: U.S. Census Bureau, American Community Survey, 2018

## **Employment: Occupations continued**

	WNDD	Carson City	Churchill County	Douglas County	Mineral County	Pershing County	Storey County	Washoe County	Fallon	Fernley	Lovelock	Reno	Sparks
Healthcare support	8,014	776	267	645	20	48	25	5,346	101	170	20	2,936	1,332
Computer and mathematical	6,361	453	84	318	0	0	17	5,170	12	110	0	3,369	702
Arts, design, entertainment, sports, and media	5,828	405	54	454	0	67	35	4,639	44	28	0	2,821	709
Health technologists and technicians	5,370	362	185	272	33	43	24	3,956	52	120	16	2,221	725
Architecture and engineering	5,331	350	157	417	9	0	29	3,853	51	137	0	2,051	892
Community and social service	4,866	390	120	500	12	61	4	3,346	68	96	3	2,102	794
Firefighting and prevention, and other protective service workers including supervisors	4,702	242	244	440	59	14	16	3,266	183	94	0	1,572	779
Life, physical, and social science	2,870	172	50	200	0	22	11	2,054	8	132	0	1,300	328
Law enforcement workers including supervisors	2,843	244	90	292	5	67	0	1,691	53	82	22	816	412
Legal	2,784	245	90	190	15	0	16	2,119	39	21	0	1,117	421
Farming, fishing, and forestry	1,501	72	439	78	0	135	3	471	75	54	11	260	112

Source: U.S. Census Bureau, American Community Survey, 2018

## **Employment: Top Industry Wages**

	Average Weekly Regional Wage					
Support Activities for Metal Mining	\$3,827					
Transportation Equipment Rental/Leasing	\$2,369					
Gold Ore Mining	\$2,263					
Trust, Fiduciary, and Custody Activities	\$2,113					
Offices of Other Holding Companies	\$1,811					
Other Electric Power Generation	\$1,801					
Direct Life Insurance Carriers	\$1,757					
<b>Custom Computer Programming Services</b>	\$1,734					
Managing Offices	\$1,679					
Nonscheduled Air Passenger Chartering	\$1,657					
<b>Direct Health/Medical Insurance Carriers</b>	\$1,635					
<b>Process &amp; Logistics Consulting Services</b>	\$1,586					
<b>Employment Placement Agencies</b>	\$1,515					
Research and Development in the Physical, Eng	\$1,511					
Administrative Management Consulting Svc	\$1,503					
Other Management Consulting Services	\$1,450					
Other Electronic and Precision Equipment Repair	\$1,401					
All Other Publishers	\$1,331					
Computer Systems Design Services	\$1,304					
Support Activities, Oil/Gas Operations	\$1,295					

Source: U.S. Census Bureau, American Community Survey, 2018



## **Economic Development Resources**

Numerous groups and organizations provide support, funding, and resources for economic development activities in the WNDD region, including:

## **Nevada Department of Training & Rehabilitation**

DETR is Nevada's lead workforce development agency. It offers workforcerelated services, job placement, and training, services for people with disabilities, investigation of claims of discrimination. unemployment insurance benefits, labor market data, and more. (detr.nv.gov)

## **Nevada Economic Development Authorities**

GOED recognizes local Economic Development Authorities to market their areas to new and expanding business and industry. Each EDA also operates other programs regarding economic development. WNDD partners with the following local EDAs:

- Churchill County Economic Development Authority (ceda-nv.org)
- Economic Development Authority of Western Nevada (edawn.org)
- Mineral County Economic Development Authority (mineralcountynevada.com)

- Northern Nevada Development Authority (nnda.org)
- Pershing County Economic Diversification Authority (pershingcounty.net)

## **Nevada Governor's Office of Economic** Development

GOED is a collaborative effort between the Nevada Legislature and the Governor's Office to restructure economic development in the state. GOED promotes a robust, diversified, and prosperous economy in Nevada, stimulates business expansion and retention, encourages entrepreneurial enterprise, attracts new businesses, and facilitates community development. (diversifynevada.com)

#### **NevadaWorks**

Nevadaworks provides employers in Northern Nevada with a skilled, productive workforce that supports the economic needs of local communities. A public-private partnership, the organization administers Workforce Development funds, connects with potential employers, and interfaces with DETR. (nevadaworks.com)

## **University Center for Economic Development**

UCED fosters economic development throughout Nevada by making the extensive resources of the University of Nevada, Reno available to organizations, and areas that can benefit from job and income creation and job retention efforts. (unr.edu/business/ centers/uced)

## **Nevada Small Business Development Center**

The Nevada Small Business Development Center is a statewide resource for business assistance, providing a unique array of services, expertise, and training in all areas, including starting, growth, and development of a business. The Nevada SBDC also offers information and guidance in understanding and complying with environmental regulations. Also, the Nevada SBDC provides useful data and analysis of the economy, environment, and demographic data to help businesses, government agencies, and other organizations promote economic growth in their communities. (nevadasbdc.org)

### **Nevada Division of Environmental Protection**

NDEP administers the state revolving loan fund. These funds are used by local governments and improvement districts to maintain and upgrade public water and sewer facilities. (ndep.nv.gov)

#### **Nevada State Data Center**

The SDC provides training and technical assistance in accessing and using Census data for the planning, decision-making, administration, and research needs of Nevada's state and local governments, businesses, researchers, and others, (nsla. nv.gov/state-data-center)

### **USDA Rural Development**

USDA Rural Development provides funding and technical assistance for public infrastructure, public facilities, and business loans. The state office is located in Carson City, with satellite offices in Fallon and other sites outside of the WNDD region. (rd.usda. gov)

#### **U.S. Small Business Administration**

Created in 1953, the SBA is the only cabinetlevel federal agency entirely dedicated to small business. It provides counseling, capital, and contracting expertise as the nation's go-to resource and voice for small businesses. (sba.gov)

#### **Rural Nevada Development Corporation**

RNDC is a non-profit development corporation that supports Nevada's 17 counties and 27 Native American tribes. RNDC addresses critical issues such as affordable housing and offers down payment assistance, homeowner rehabilitation, and small business alternative lending practices. (rndcnv.org)

### **Nevada Microenterprise Initiative Program**

The NMI provides business development training and financial investments to small business entrepreneurs. NMI is the only SBA Intermediary Lender for the SBA Micro-Loan Program in the State of Nevada. (ssbci. nv.gov/About/Microenterprise)

## Other regional economic development resources include:

- Bureau of Indian Affairs (bia.gov)
- Commercial Lenders
- Downtown Reno Partnership
- Inter-Tribal Council of Nevada (itcn.org)
- Local Area Chambers of Commerce
- Local Hospitals and Rural Health Clinics
- Nevada Commission on Tourism (travelnevada.com)
- Nevada Department of Transportation (nevadadot.com)
- Nevada Department of Health and Human Services (dhhs.nv.gov)
- University of Nevada, Reno School of Medicine (med.unr.edu)
- U.S. Department of Housing and Urban Development (hud.gov)
- U.S. Forest Service (fs.usda.gov)

## **CEDS Process and Public Participation**

This 2020 CEDS Update was developed with a Comprehensive Economic Development Strategy Committee and through regional meetings composed of representatives from the public and private sector and community leaders.

Meetings of this group were publicized via the Western Nevada Development District's channels, and members of the public were encouraged to attend if interested. Information was distributed to all cities. counties, and economic development corporations.

In June 2019, the WNDD launched the five-year rewrite of the Comprehensive Economic Development Strategy with a regional planning workshop.

Information was presented to subject matter experts from throughout the region that represent the areas of infrastructure. workforce development, business/industry sector, transportation, and housing. Other representatives related to quality of life issues such as health care, the environment. culture, and the arts were also present.

The CEDS Committee presented and facilitated the SWOT workshop process with subject matter experts, including:

- Dr. Tom Harris, Director of the University of Nevada Reno Center for Economic Development
- Marlene Rebori from the University of Nevada, Reno Cooperative Extension
- Buddy Borden from the University of Nevada Reno Center for Economic Development
- Bob Potts, Deputy Director at the Nevada Governor's Office of Economic Development

About 125 people attended the workshop, including representatives from the educational community, utilities, transportation, commercial businesses, elected officials, local tribal officials. State of Nevada agencies, Senator Jacky Rosen representatives, nonprofit agencies, the tourism industry, and financial institutions. As a part of the CEDS process, WNDD and its CEDS committee presented an Economic Resiliency workshop to conduct an additional SWOT regarding the region's resiliency to an economic shock. There were 65 people in attendance to this workshop. which included presentations by:

- Brett Schwartz from the National Association of Development Organizations Research Foundation and the Stronger **CEDS Stronger Economy**
- Tonya Graham, Executive Director with the Geos Institute.

Participants and organizers discussed how flooding, drought, fire, and industry disruptions and closures could affect the region in smaller groups. Each group analyzed how the region would prepare for the event, possible economic impacts of the event, and potential strategies to mitigate the economic shock. The Action Plan includes the results of this workshop.

#### PPENDICES:

## Sources

This Comprehensive Economic Development Strategy uses demographic data obtained from a wide variety of sources. A substantial amount of data has been compiled and analyzed from various primary and secondary sources as part of this CEDS document:

- Census Data & American Community Survey\*
- EMSI: Economic Modeling\*\*
- Local Chamber of Commerce Officials
- Local Community Clerk Officials
- Local Economic Development Officials
- Local Planning Officials
- Nevada Department of Training & Rehabilitation
- Nevada Governor's Office of Economic Development
- U.S. Department of Labor
- United States Census Bureau, American Fact Finder

## **Images**

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Page 46: Nevada Department of

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<sup>\*</sup>Data from American Community Survey (ACS) is based on survey data and estimates and is less accurate than Decennial U.S. Census data.

<sup>\*\*</sup>EMSI modeling data is a compilation of data from multiple sources such as U.S. Census, Department of Labor statistics, and other sources. Drawing conclusions or comparisons with the information should be done with caution.

