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Updated August 2022

# **Nevada Economic Assessment Project Socioeconomic Baseline Report**

## **Esmeralda County**



**A comprehensive look at baseline demographic, social, land use, fiscal, economic, and business industry measures for the region of Esmeralda County, Nevada.**

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Thomas R. Harris, Director  
University Center for Economic Development  
University of Nevada, Reno  
Department of Economics  
Mail Stop 204  
Reno, Nevada 89557  
Phone: (775) 784-1681



UCED  
University of Nevada, Reno  
University of Nevada, Reno Extension  
Department of Resource Economics

# **Nevada Economic Assessment Project**

## **Socioeconomic Baseline Report**

### **Esmeralda County, Nevada**

#### **Buddy Borden**

Community and Economic Development Extension Specialist  
University of Nevada, Reno Extension

#### **Joseph Lednicky**

Economist II  
University of Nevada, Reno Extension

#### **Marlene Rebori, Ph.D.**

Professor, Community and Organizational Development Specialist  
University of Nevada, Reno Extension

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## Preface

The Nevada Economic Assessment Project (NEAP) aims to provide county, state, and federal agencies, and their partners, with quantitative and qualitative baseline data and analyses to better understand trends in each county's demographic, social, economic, fiscal and environmental characteristics. The data can be used for land use and project planning, grant writing and overall policy assessment.

This report is intended to assist local, state, and federal agencies in better understanding the communities that we live in. Many of the counties in Nevada are small population, rural areas that do not have a large county government or their own economic development team. It can be a challenge for these counties to have in-depth quantitative analysis to use towards comprehensive planning strategies for the county and local communities.

The hope is that this report will be used as a tool for planning, aiming to assist the communities of Nevada. This report will not only lead readers to better understand their community's social, demographic, economic, and environmental trends, but will also help model the impacts of socioeconomic change.



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Questions, concerns, other correspondence, and requests for additional information, may be sent to:



**EXTENSION**

College of Agriculture,  
Biotechnology & Natural Resources

University of Nevada, Reno Extension  
8050 Paradise Rd., Ste 100  
Las Vegas, NV 89123

[Extension.unr.edu/NEAP](https://extension.unr.edu/NEAP)

[EconDev@unr.edu](mailto:EconDev@unr.edu)

Buddy Borden  
702-257-5505

Joe Lednický  
702-948-5971

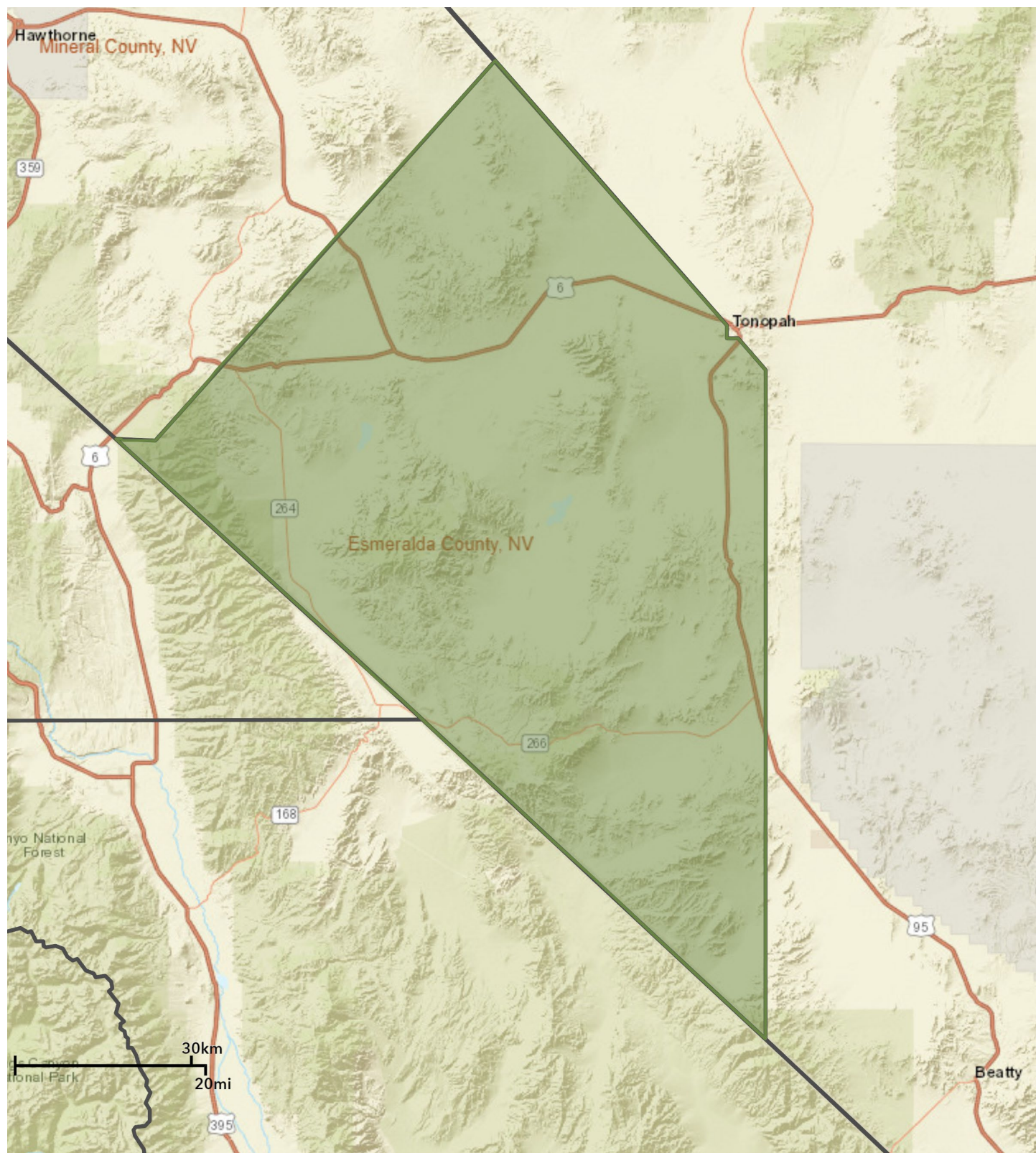
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## Report Overview

### Purpose

The purpose of this report is to provide and use data to showcase socioeconomic and other trends in a county in Nevada. This will give local decision makers—elected officials, educators, nonprofits—the ability to better understand their constituents’ needs.

Counties statewide and nationwide are constantly challenged to make decisions revolving around economic, demographic, and land issues. This crafted report is a tool to respond to those issues with quantitative backings that can help make a case for any decision big or small. These backings are rightfully called a “county baseline,” wherein data that covers all social, demographic, economic, and land measures is delivered in a kindly and easy-to-browse manner. This allows counties to utilize the report as they see fit, and best respond to any current issue with quantitative data.

In short, this report helps counties and communities better understand what makes up their counties and communities. Varying factors in an economic climate, like businesses opening and closing; population increasing or decreasing; and average household size growing and shrinking, all of these factors put pressure on government and businesses themselves to make decisions and react to change. Any possible measure or statistic that may go towards helping make a better decision is included in this report.

It is also important to note that this report is not a one-time attempt at trying to make a one-time change. This report represents a commitment to communities, to counties, to the state, and beyond. Being a data repository of key measures, meaningful for communities, counties, and officials, its purpose is to reach out and help fill those gaps in decision-making, so that everyone may benefit.

### Process and Term Definitions

Appendix A is a glossary giving the definition of many of the terms found throughout this document. Please refer there for any terms that you need further information on.

Appendix B explains a few processes used commonly throughout the text. These processes are used to either make data more relatable to the reader or makes the data easier to compare.

- ❖ Indexing of Data
- ❖ Inflation Adjustments
- ❖ Suppressed Data
- ❖ Poverty

### Sources

An in-depth explanation of the sources used in this document may be found in Appendix C. This includes a listing of all the different sources used as well as some background and detail into each source.

In addition, each of the main sections will give a list of all of the sources used for data within that section. This shows on the first page of the section.

### Report Layout

Data was gathered from a variety of sources and compiled into a report broken down into easy-to-digest sections.

The report is broken down into six main sections:

- *Demographic Characteristics* covers general population demographics, such as population, age, and race
- *Social Characteristics* delves into poverty, education, school districts, and other aspects that impact the overall well-being of a community
- *Economic Characteristics* examines industry trends, including jobs, average annual earnings, and personal income breakdowns. This section also looks at the Gross Regional Product for the county and its industries, as well as Per Capita Income and how that compares to the statewide level
- *NAICS Sectors* takes an in-depth look at how industry contributes to the county’s economy. This includes measures of jobs, imports, earnings, and more.
- *Land Use and Fiscal Characteristics* details relevant data involving county land, taxes, and fiscal matters
- *Community Assets* is a qualitative look into the existing and desired qualities of the community

Within these sections are subsections consisting of specific economic data, accompanied by detailed tables and corresponding figures. Throughout the report there is an emphasis on changes and trends over the course of given time periods. Accompanying each table and figure are short analyses that highlight these changes and trends.

### Additional Documentation

This report will be accompanied by more documents for the benefit of the County and the community. This will include Fact Sheets that give a brief synopsis of this report and an Impact Report which will show the impact of industry change on the community.



## Cultural Overview

Esmeralda is one of the original nine counties in Nevada established in 1861. Comprised of mountain ranges and long stretches of flatland between the rangeland and farmland, Esmeralda is home to plenty of sights, like the 375-foot cinder cone extinct volcano or the 13,147-foot Boundary Peak, the highest point in Nevada. Meanwhile, Esmeralda's rich mining history, which led to its initial boom at the turn of the century, has remained with the county to this day, as Esmeralda's mines are a major resource for lithium and other minerals.



In the summer, Esmeralda's July high is around 93 degrees. Then, in the winter, the January low is 20. Snow averages 6 inches per year, and 290 days per year are sunny. The county proves its variety by its different natural and manmade attractions. Besides Boundary Peak, there is Fish Lake Valley nearby, home to hot springs, views, and business. In Goldfield there's The International Car Forest, an outdoor art installation drawing travelers from states over. Then there's the Hard Luck Castle and Mine, located further south in the county, as well as Clayton Valley, Montezuma Range, and the dozens of preserved and abandoned historical buildings located throughout the county that speak to Esmeralda's rich history.

Esmeralda's history is full of boom, disaster, wealth, growth, and decline. The Goldfield Historical Society houses incredible information including newspapers going back to 1868, oral histories, photos, and many books covering local history, along with other resources. On their website one can find the outline of Esmeralda's history as well as in-depth looks at early family stories, and historic properties like the Goldfield Hotel and Goldfield High School, which is in process of being restored as part of The 1907 Goldfield High School Restoration Act. For a rundown, Gold was discovered in Goldfield in 1902, and "by 1903 a tent camp of twenty people" had popped up, "and by 1907 [Goldfield] grew to be the largest city in Nevada with a population of over 20,000 people." The Historical Society goes on to report that Goldfield then had all the amenities of a large city. Around this same time, Goldfield's five railroads merged Goldfield with Tonopah, Tidewater, Beatty, Bullfrog, Rhyolite, and Las Vegas. After the fire of July 6, 1923, Goldfield "would never again resemble the great town that it once was." Since the mining boom, Goldfield's attraction has expanded into the surrounding region of Esmeralda. Now, mining is still key in the lithium deposits found in the county.

Although Esmeralda is not near boom as it once was, as a close community with recreation and tourism at its hand, it draws visitors from all over. Esmeralda County's website and the Chamber of Commerce's website both do a great job at providing residents and visitors of the history and activity of the surrounding region. In Goldfield, the Esmeralda County seat, the community's activity is seen in its growing number of private businesses, including Dinky Diner, The Hoist House



Bar & Grill (or known by some as Mozart Club, and which drivers-through recommend for its fun events and good times) and Rebel Roadhouse for restaurants. Culture thrives in the tight-knit community, and businesses like the Barbarossa and Bear serve to promote Goldfield's history and solidarity. This involved and active store Barbarossa and Bear showcases mining collectables and vintage wares. The radio station Radio Goldfield (KGFN 89.1) hosts live shows and fundraisers for the community. Similarly, The Burro Express publishes a quarterly newsletter. Other cultural centers include the Warehouse Museum & Orchard Company; the Hidden Treasures Trading Company and the Goldfield Radio Museum, all promoting and preserving Goldfield history. But besides these preservation centers, all stores and businesses in Goldfield bring the community together. This includes Goldfield Fireworks (whose Esmeralda history online is also very informative); The General Store; the jewelry repair shop Gems of the Great Basin; Larry's Motor Bikes; The Goldfield Emporium; the Santa Fe Saloon and Motel; and Goldfield Stop Inn. This may not match the 49 saloons, 27 restaurants, and 15 barbershops of 1907, but Esmeralda's current activity represents a community self-reliant and interactive.

### Cultural Overview Sources

[Goldfield Fireworks History](#)

[Goldfield Chamber of Commerce](#)

[Access Esmeralda](#)

[White Mountains Nevada](#)

[Goldfield Historical Society](#)

[Esmeralda County Wikipedia](#)

Outside of Goldfield and into the rest of the county, recreation and tourism are active in Esmeralda. Fish Lake Valley pulls visitors with its access to both hot springs and cold views of snowy mountain ranges. Although overlooked, all around Esmeralda are sights to see. The Esmeralda Market, RV Park and Cabins is an oasis gateway to White Mountain Peak, Boundary Peak, The White Mountains, Horse Thief Canyon, the Fishing Trail Canyon Reservoir, and more. The Fish Lake Valley Heritage Center brings it all together, with the buildings constructed from timbers salvaged from historical points around the area, dating back to the early 20th century. Outdoor activities include hiking, rock and gem hunting, horseback riding (and wild horse sighting), off-roading, exploring remote canyons, fishing, exploring ghost towns (Gemfield, Gold Point, Lida, Culprite, Diamondfield, to name a few of the dozen), and hunting.

These activities, available for residents and visitors, contribute to the heart of Esmeralda. Both long-time citizens, as well as passers through speak with pride and awe of this county in the desert.







# Demographic Characteristics

This section includes demographic measures of population, gender, age, race and ethnicity, households and families, housing, housing occupancy, housing owner/renter status, housing structure type, housing age, and veteran demographics.

These measures act as the core of the county baseline, gauging the lifespan of the community, the community makeup, and, to an extent, the community culture. Data here are relevant for any further analysis, such as calculating effects of new jobs, allocating individuals as the population rises, plotting and constructing new homes and neighborhoods, and more.



## Demographic Characteristics

Data in this section is sourced from:

- Nevada Department of Employment, Training and Rehabilitation
- US Census Bureau
  - American Community Survey

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## County Breakdown

### Population, Gender, Age, Race and Ethnicity:

Between 2010 and 2020, Esmeralda's population increased overall. In 2010 population was 892, and by 2020 it had increased two 1,030. This overall ten-year change is 15.5%, with the largest increase coming solely from 2014, where Esmeralda's population increased by 13.6%.

Compared to other counties, Esmeralda stands out in gender distribution. This is perhaps due to the county's population size. In most other counties, the gender distribution straddles the 50/50 line.

Between 2010 and 2020, Esmeralda median age has decreased, going from 58 to 54.6. It was at its lowest in 2016, at 42.

Esmeralda race/ethnicity changes reflect those of other rural communities between 2010 and 2020, with minor differences. White population decreases in 2011, remains around 80% until a 2016 spike, then drops again.

### Households, Families, and Housing:

Between 2010 and 2020, Esmeralda households increased (1.6%) while Esmeralda families also increased (+4.5%). Esmeralda's change in households is not reflective of Nevada's household change, but Esmeralda's change in families resembles Nevada's change in families (4.5% and 4.4% overall).

Between 2010 and 2020, total owner-occupied units have decreased in Esmeralda. Overall there are 68 less units, which is an 21% decrease. Esmeralda median housing value has also decreased overall.

### Veteran Demographics

In Esmeralda between 2010 and 2020, veteran population has nearly halved. The age ranges on either end of the spectrum have increased in veterans (18 to 34 years old went from 0 veterans in 2010 to 9 veterans in 2020; veterans 75 years and older increased from 29 to 33).



## Population

### Definition

Population is all people, male and female, child and adult, living in a given geographic area.

### Why is it important?

Population is the baseline measurement for most all other sociodemographic and economic metrics. Population data acts as the foundation for measures such as the inflow, outflow, and number of employees, the use of public and private lands and businesses, education, and overall activity. It is a needed metric in order to account for any type of change to the community.

### County Breakdown

Between 2010 and 2020, Esmeralda's population increased overall. In 2010 population was 892, and by 2020 it had increased to 1,030. This overall ten-year change is 15.5%, with the largest increase coming solely from 2014, where Esmeralda's population increased by 13.6%. Before 2020, Esmeralda's population slightly increased and decreased from year to year.

Compared to Nevada, Esmeralda's population increases and decreases at a more sporadic rate. Nevada's population increase is consistent and gradual. At the same time, Nevada's population increase is also slightly increasing from year to year (2.1%; 2.8%; 2.9%...). All that being said, both on the county and the state level, overall population has increased.

Figure 1. Esmeralda County Population, 2010 to 2020

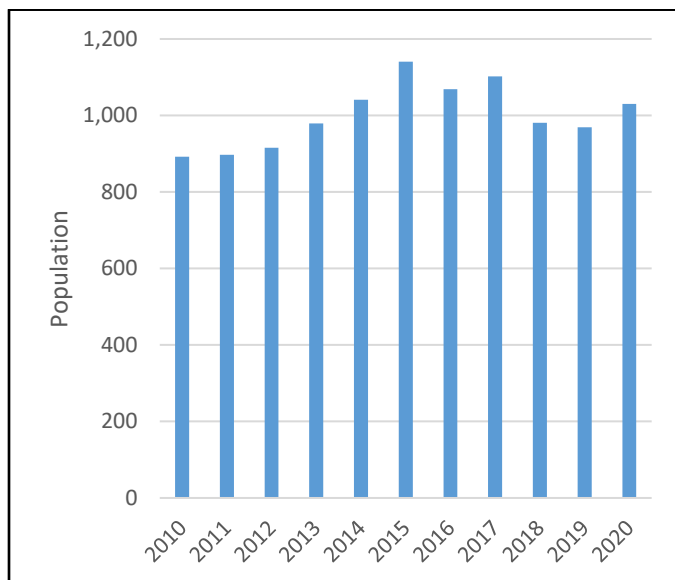
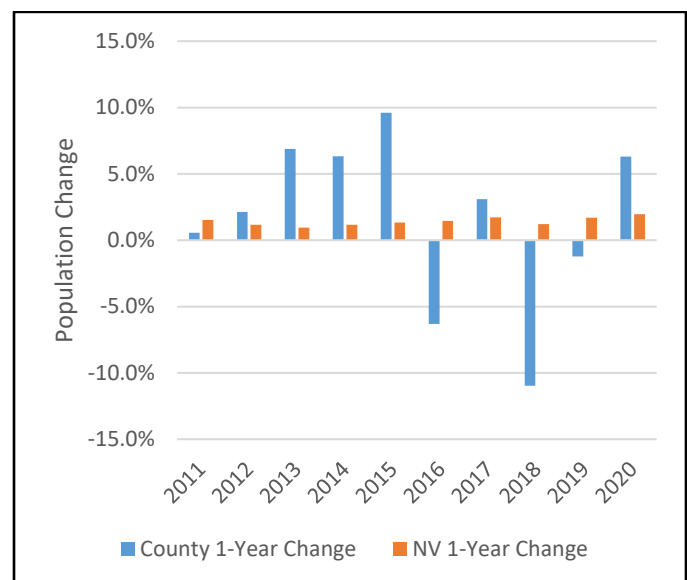


Table 1. Esmeralda County Population Distribution, 2010 to 2020

Year	Esmeralda Population	Esmeralda 1-Year Change	Nevada 1-Year Change
2010	892	-	-
2012	916	2.7%	2.7%
2014	1,041	13.6%	2.1%
2016	1,069	2.7%	2.8%
2018	981	-8.2%	2.9%
2020	1,030	5.0%	3.7%
<b>Ten-Year Change</b>		15.5%	15.1%

Source: US Census Bureau/American Community Survey. "DP05: Demographic and Housing Estimates" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 2 Esmeralda County vs. State Comparison, One-Year Population Change, 2011 to 2020



## Gender

### Definition

Gender is the Census Bureau's method of capturing a person's sex. In their extended glossary they acknowledge the interchangeability of the terms gender and sex as well as gender being a social construction. At the same time, they aim to capture the sex composition of the population.

### Why is it important?

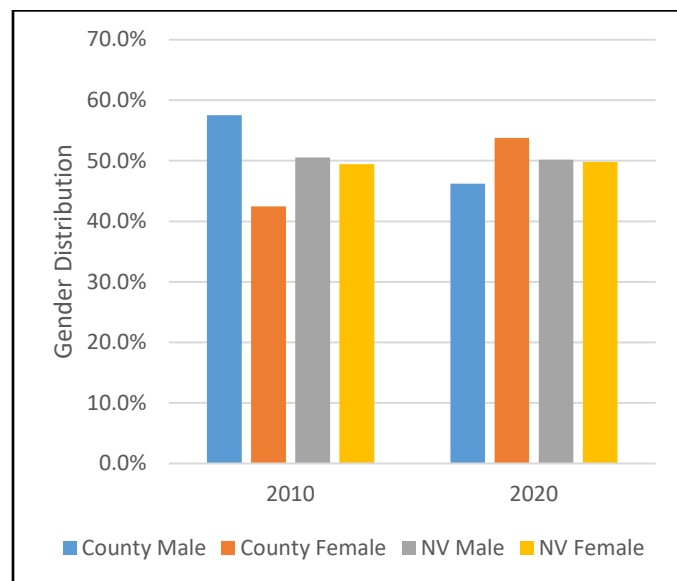
Gender is a key metric for advertisers, business owners, and decision makers. Certain demographic surveys maintain that men may gravitate towards certain lifestyles and women others, while other surveys maintain that this is not the case. One of gender data's more common uses is to acknowledge the gaps, because the general national trend is near a fifty-fifty split.

Table 2. Esmeralda County Gender Distribution, 2010 to 2020

Year	Esmeralda Male	Esmeralda Female	Nevada Male	Nevada Female
2010	57.5%	42.5%	50.6%	49.4%
2012	55.2%	44.8%	50.5%	49.5%
2014	49.0%	51.0%	50.4%	49.6%
2016	46.8%	53.2%	50.2%	49.8%
2018	41.4%	58.6%	50.2%	49.8%
2020	46.2%	53.8%	50.2%	49.8%

Source: US Census Bureau/American Community Survey. "DP05: Demographic and Housing Estimates" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 3 Esmeralda County vs State Comparison, Gender, 2010 to 2020



### County Breakdown

Compared to other counties, Esmeralda stands out in gender distribution. This is perhaps due to the county's population size. In most other counties, the gender distribution straddles the 50/50 line. This is most prominent on the state level, where all the counties are aggregated. In Esmeralda, however, there is a six to seven percent difference in percentage from the 50/50 line. In 2010, males made up 57.5% of the population. This alone would have set Esmeralda apart, but gradually between 2010 and 2020 the percentage of males diminishes, while the percentage of females increases. By 2014, males make up 49% of the population, which is no longer the majority. Then, by 2020, only 46% of the population is male. This sets Esmeralda apart because rural communities have shown a slightly higher percentage of males.



## Age

### Definition

Census Bureau programs define age as the length of time in completed years that a person has lived. The Census Bureau's national surveys compute age as of the interview date.

### Why is it important?

Age is a key indicator of the type of individuals within a community, and therefore the type of community and its overall activity. Those in charge of schools, hospitals, retirement homes, housing development, and all types of businesses require age data in order to account for anticipated change. Age data is especially used for public services ranging from use of parks to law enforcement, and even companies who need to tailor their marketing to specific groups.

Table 3. Esmeralda County Median Age, 2010 to 2020

Year	Esmeralda Median Age	Nevada Median Age
2010	58.0	35.9
2012	51.8	36.3
2014	47.6	36.9
2016	42.0	37.5
2018	48.3	37.9
2020	54.6	38.2

Source: US Census Bureau/American Community Survey. "DP05: Demographic and Housing Estimates" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

### County Breakdown

Between 2010 and 2020, Esmeralda median age has decreased, going from 58 to 54.6. It was at its lowest in 2016, at 42.

People under 19 increased between 2010 and 2020, going from 13.7% of the population to 14.0% of the population. Again, this is the opposite of a lot of rural communities. People between the ages of 20 – 44 years saw the largest percentage increase. These categories will aid in trying to determine why the median age has decreased. For example, we cannot say Esmeralda's decreased median age is coming solely from new births.

Figure 4 Esmeralda County vs State Comparison, Median Age, 2010 to 2020

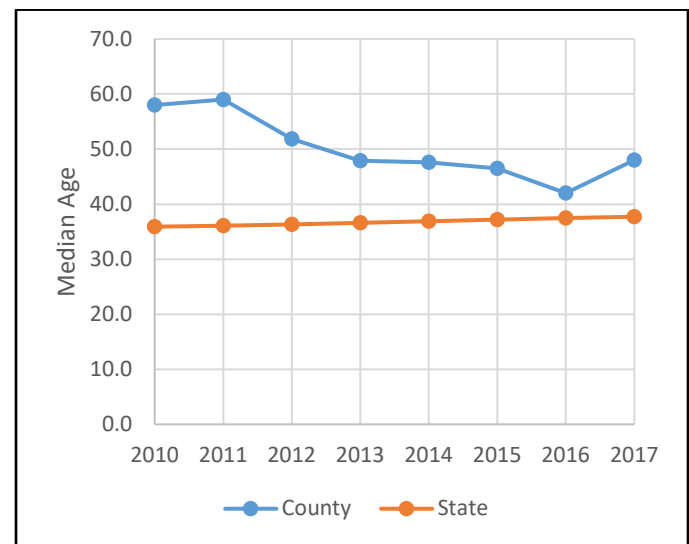
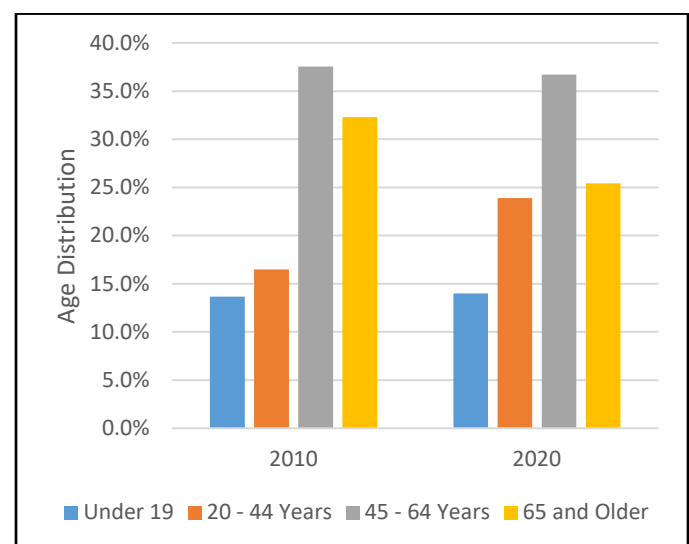


Table 4. Esmeralda County Age Distribution, 2010 to 2020

Year	Under 19	20 – 44 Years	45 – 64 Years	65 and Older
2010	13.7%	16.5%	37.6%	32.3%
2012	13.5%	24.0%	35.0%	27.4%
2014	18.5%	29.7%	26.5%	25.3%
2016	21.0%	32.1%	20.4%	26.5%
2018	20.0%	26.3%	26.3%	27.4%
2020	14.0%	23.9%	36.7%	25.4%

Source: US Census Bureau/American Community Survey. "DP05: Demographic and Housing Estimates" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 5. Esmeralda County Age Distribution, 2010 to 2020



## Race and Ethnicity

### Definition

As per the U.S. Census Bureau definition, the data on race is derived from answers to the question on race. This data is based on self-identification, and is not an attempt to define race biologically, anthropologically, or genetically. Regarding ethnicity, the U.S. Census Bureau also adheres to the OMB definition. There are two minimum categories for ethnicity: Hispanic or Latino and Not Hispanic or Latino. OMB considers race and Hispanic origin to be two separate and distinct concepts. Hispanics and Latinos may be of any race.

On this page, 'White', 'Black', 'American Indian', and 'Other' all represent percent of population of non-Hispanic origin. All population, regardless of race, with a Hispanic origin is shown under the 'Hispanic' heading.

### Why is it important?

Race and Ethnicity data is used by advertisers to tailor their marketing strategy to certain groups. Business owners also consult this demographic data to locate their brick and mortar stores in certain areas, and to market to the consumer. One of race and ethnicity data's main uses is to get an overall scope of the makeup and diversity of the community.

### County Breakdown

Esmeralda race/ethnicity changes reflect those of other rural communities between 2010 and 2020, with minor differences. White population decreases in 2011, remains around 80% until a 2016 spike, then drops again. In reverse, Hispanic population *increases* in 2011, drops in 2016, and then spikes. Black population increases overall, but stagnates 2014-2016.

Table 5. Esmeralda County Race/Ethnicity Distribution, 2010 to 2020

Year	White	Hispanic	Black	Amer. Indian	Other
2010	84.0%	10.4%	0.0%	2.6%	3.0%
2012	79.1%	15.7%	0.8%	3.1%	1.3%
2014	79.8%	15.1%	0.0%	3.7%	1.3%
2016	84.8%	12.7%	0.0%	1.5%	0.9%
2018	79.1%	19.0%	1.1%	0.7%	0.1%
2020	71.5%	25.5%	1.5%	1.5%	0.1%

Source: US Census Bureau/American Community Survey. "DP05: Demographic and Housing Estimates" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 6. Esmeralda County Race/Ethnicity Distribution, 2010 to 2020

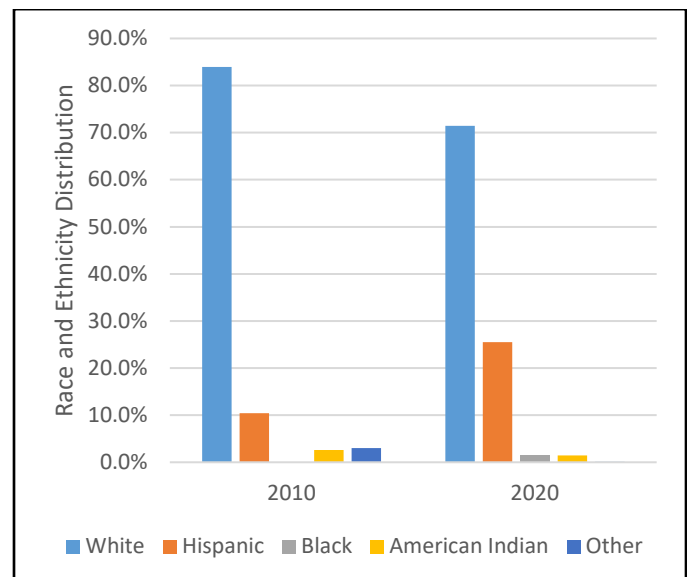
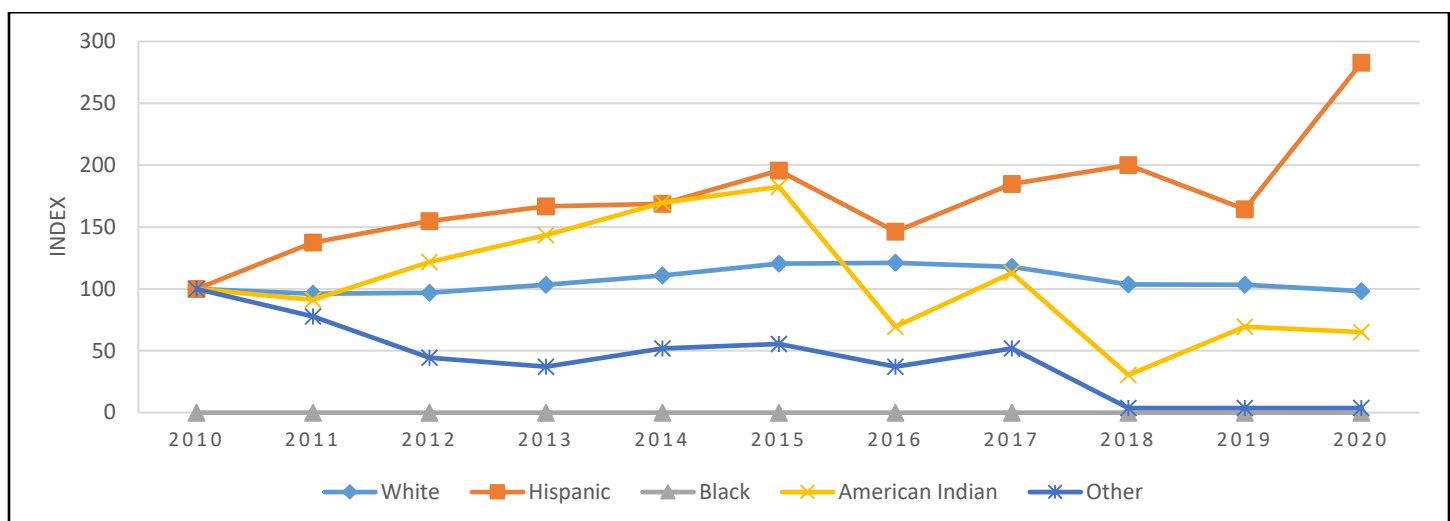


Figure 7 Esmeralda County Race and Ethnicity, 2010 to 2020. Index: 2010 = 100



## Households and Families

### Definition

A household includes all the people who occupy a housing unit (such as a house or apartment) as their usual place of residence. Families are groups of two or more people (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such people are considered as members of one family.

### Why is it important?

When used alongside poverty, income, and school district data, households and families data informs decision makers of needs for children and lower income families, as well as the community's general wellbeing. Utilized with GIS mapping, it allows analysts to identify community segments and patterns.

Table 6. Esmeralda County Total Households, 2010 to 2020

Year	Esmeralda Households	Esmeralda 1-Year Change	Nevada 1-Year Change
2010	507		
2012	514	1.0%	0.6%
2014	467	-2.5%	0.7%
2016	454	-6.0%	1.4%
2018	454	-8.1%	2.3%
2020	515	4.9%	2.9%
<b>Ten-Year Change</b>		1.6%	15.4%

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 8. Esmeralda County vs State Comparison, Annual Change of Total Households, 2011 to 2020

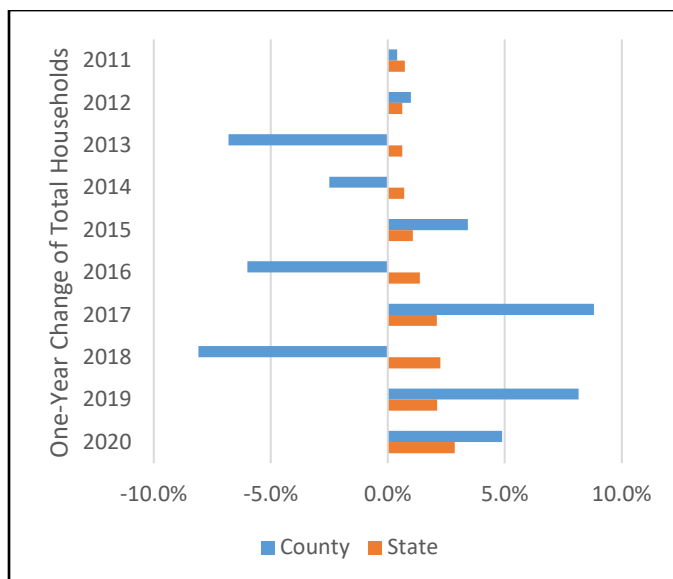
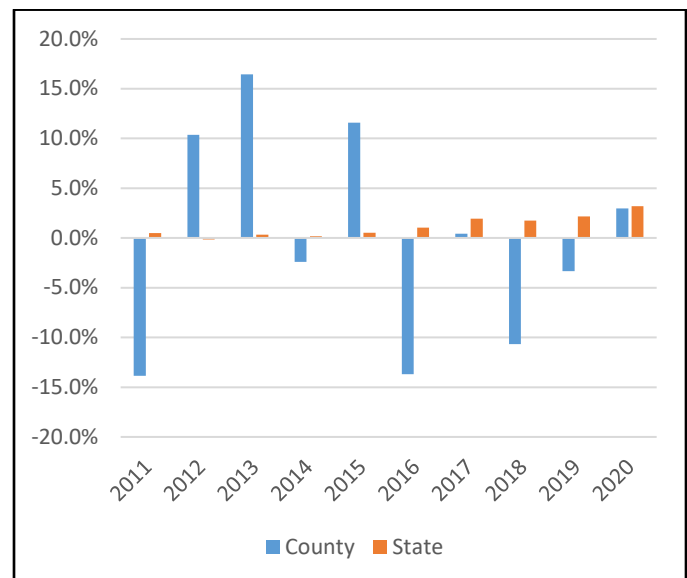


Figure 9. Esmeralda County vs State Comparison, Annual Change of Total Families, 2011 to 2020



### County Breakdown

Between 2010 and 2020, Esmeralda households increased (1.6%) while Esmeralda families also increased (+4.5%). Esmeralda's change in households is not reflective of Nevada's household change, but Esmeralda's change in families resembles Nevada's change in families (4.5% and 4.4% overall). Regarding year-to-year changes, there is no discernible pattern between rising and falling households and families. There's fluctuation for both households and families.

The ratio of households to families was larger than 2:1 between 2010 and 2012. Since then, it has been slightly less than 2:1.

Table 7. Esmeralda County Total Families, 2010 to 2020

Year	Esmeralda Families	Esmeralda 1-Year Change	Nevada 1-Year Change
2010	224		
2012	213	10.4%	-0.1%
2014	242	-2.4%	0.2%
2016	233	-13.7%	1.0%
2018	209	-10.7%	1.7%
2020	208	3.0%	3.2%
<b>Ten-Year Change</b>		4.5%	4.4%

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.



## Housing

### Definition

A housing unit, as defined for purposes of these data, is a house, an apartment, a group of rooms, or a single room intended for occupancy as separate living quarters. Housing unit value is the appraisal worth.

### Why is it important?

Housing is a measure of economic prosperity and general quality of living. Business owners and government decision makers are interested in certain segments of the community on all slides of the economic scale. Such a catalog of housing values allows new developments, both commercial and governmental, to be planned accordingly. To ensure accuracy, housing data should be compared with per capita income and poverty data. For example, while household income and family income may vary even in the same neighborhood, housing prices in the same range tend to be grouped together.

### County Breakdown

Between 2010 and 2020, total owner-occupied units have decreased in Esmeralda. Overall there are 68 less units, which is an 21% decrease. Esmeralda median housing value has also decreased overall. Year-to-year changes in housing value are sporadic, rather than gradual. The high point is in 2010, at \$93,265, while the low point comes the year after in 2012, at \$74,164. By 2020, median housing value is at \$84,243. Housing value ranges that increased the most were less than \$50,000 and \$300,000 to \$499,999

Table 8 Esmeralda County Median Housing Unit Value, 2010 to 2020

Year	Esmeralda Median	Nevada Median
2010	\$93,265	\$306,702
2012	\$74,164	\$220,528
2014	\$79,607	\$187,622
2016	\$86,408	\$212,526
2018	\$78,922	\$258,524
2020	\$84,243	\$301,447

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys. Amounts are shown in 2021 dollars.

Figure 10. Esmeralda County vs State Comparison, Housing Unit Median Value, 2010 to 2020

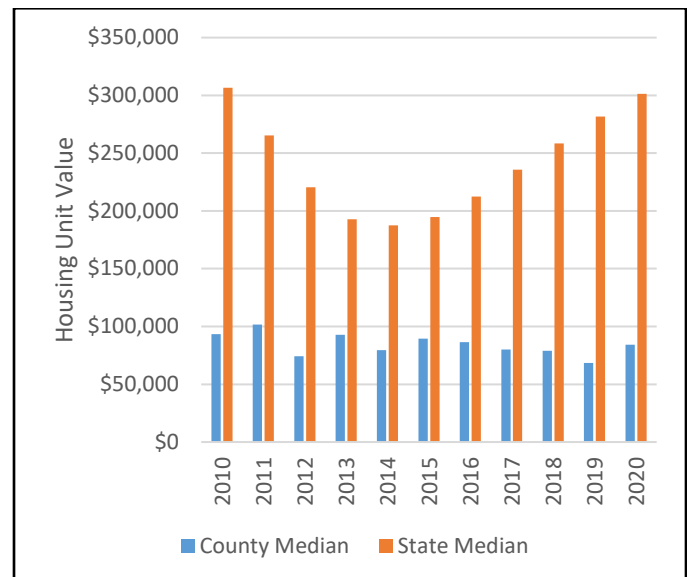


Table 9 Esmeralda County Housing Unit Value Distribution, 2010 to 2020

Year	Owner-Occupied Units	Less than \$50,000	\$50,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$299,999	\$300,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 or More
2010	328	32.3%	22.0%	14.6%	10.1%	13.4%	1.5%	4.0%	2.1%
2012	296	36.5%	26.0%	8.4%	6.1%	17.6%	0.0%	4.1%	1.4%
2014	279	28.0%	31.2%	16.5%	8.6%	3.2%	1.8%	7.5%	3.2%
2016	254	27.2%	29.5%	20.1%	9.1%	5.5%	1.6%	3.5%	3.5%
2018	264	37.5%	25.4%	12.5%	7.2%	8.7%	3.4%	1.5%	3.8%
2020	260	37.3%	19.6%	19.2%	11.9%	8.1%	3.1%	0.8%	0.0%

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

## Housing Occupancy

### Definition

A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by people who have a usual residence elsewhere are also classified as vacant.

### Why is it important?

Housing occupancy data shows how active, filled, or abandoned a community is. Judging from the number of occupied units versus vacant units, those in charge of city planning can estimate room for improvement or demolition. This is especially important if there is an expectation of a sudden inflow of new citizens to the community.

### County Breakdown

Between 2010 and 2020, Esmeralda's housing occupancy has decreased. 2020 shows 55.3% of households are occupied, compared to 2010's 56.0%. The majority of the decreasing happens between 2014 and 2016, a four-year period of decrease in housing occupancy. Afterwards, however, in 2018, housing occupancy rose from its low point of 46.9% to 47.8%.

Meanwhile Nevada's occupancy has been 40% higher than Esmeralda's between 2012 and 2018. In the timeframe that Esmeralda's houses became more vacant (2014 to 2016), Nevada's increased.

Figure 11 Esmeralda County vs State Comparison, Housing Occupancy, 2010 to 2020

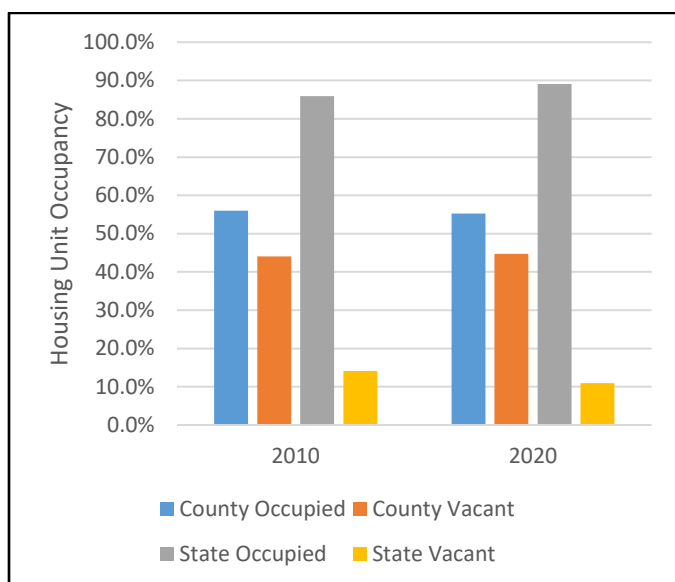
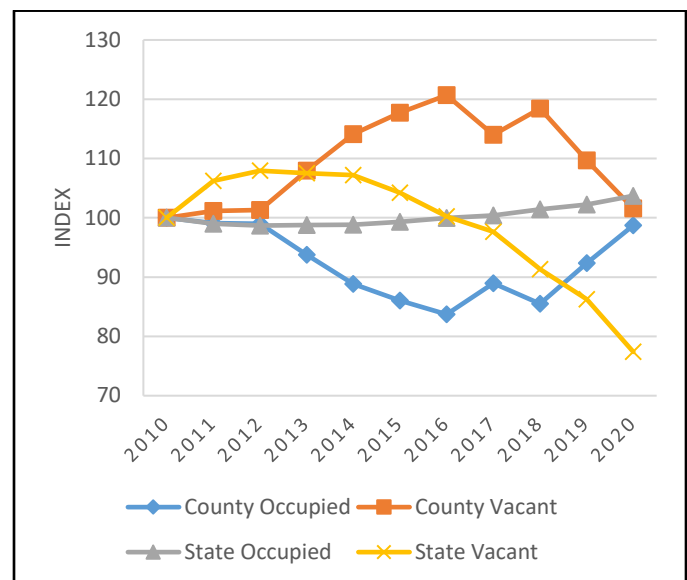


Table 10. Esmeralda County Housing Occupancy, 2010 to 2020

Year	Esmeralda Occupied HH	Esmeralda Vacant HH	Nevada Occupied HH	Nevada Vacant HH
2010	56.0%	44.0%	85.9%	14.1%
2012	55.4%	44.6%	84.8%	15.2%
2014	49.7%	50.3%	84.9%	15.1%
2016	46.9%	53.1%	85.9%	14.1%
2018	47.8%	52.2%	87.1%	12.9%
2020	55.3%	44.7%	89.1%	10.9%

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 12. Esmeralda County vs State Comparison, Housing Occupancy Distribution, 2010 to 2020, Index 2010 = 100



## Housing Owner/Renter

### Definition

A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. All occupied units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied.

### Why is it important?

Owner-occupied versus renter-occupied housing data paints the picture of the types of individuals that make up the community. With this data, individuals in charge of storefronts, community buildings, and public services can tailor their activity. A larger percentage of homeowners in the county perhaps suggests a more long-term community. A lower percentage of homeowners might suggest an overall difficulty to own.

Figure 13 Esmeralda County Owner vs Renter Occupied Housing, 2010 to 2020

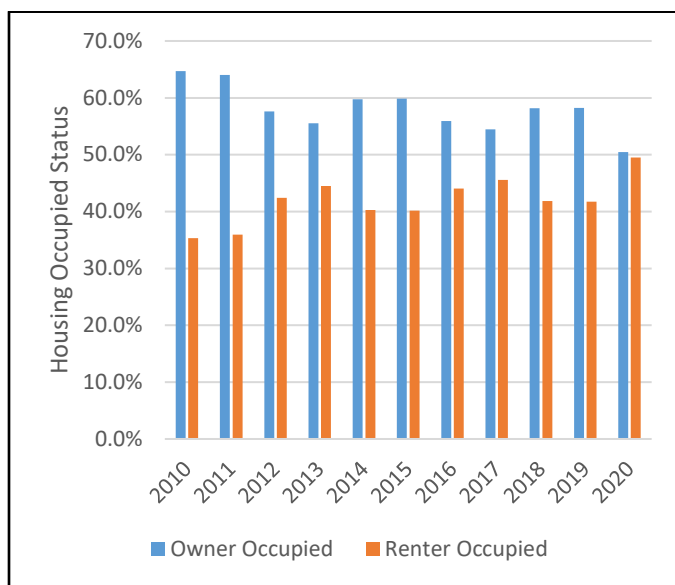


Table 11. Esmeralda County Owner vs. Renter Occupied Housing Distribution, 2010 to 2020

Year	Occupied Housing Units	Owner Occupied	Renter Occupied
2010	507	64.7%	35.3%
2012	514	57.6%	42.4%
2014	467	59.7%	40.3%
2016	454	55.9%	44.1%
2018	454	58.1%	41.9%
2020	515	50.5%	49.5%

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Table 12. Esmeralda County Average Household Size, 2010 to 2020

Year	Esmeralda Owner Occ. HH Size	Esmeralda Renter Occ. HH Size	Nevada Owner Occ. HH Size	Nevada Renter Occ. HH Size
2010	1.69	1.89	2.69	2.60
2012	1.78	1.68	2.69	2.68
2014	2.06	2.39	2.71	2.71
2016	2.43	2.24	2.72	2.72
2018	2.00	2.35	2.72	2.64
2020	1.91	2.07	2.70	2.58

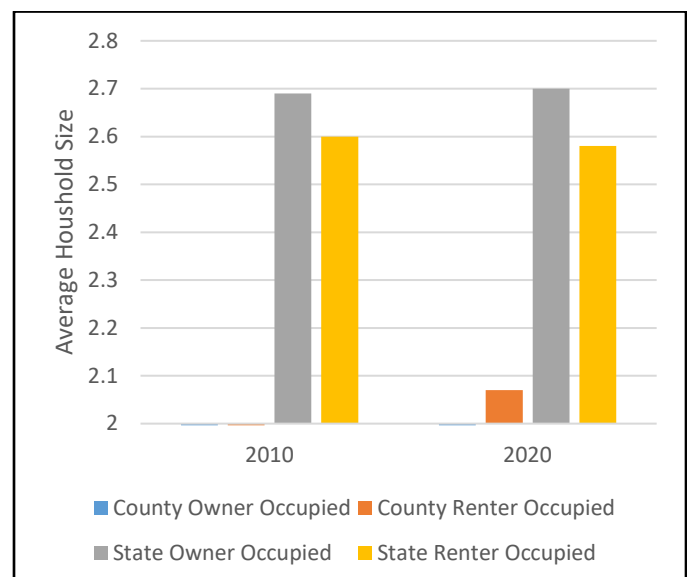
Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

### County Breakdown

The Esmeralda timeline between 2010 and 2020 shows not only an overall increase of occupied housing units, but also a increase in owner-occupied units as compared to renter-occupied units. In 2010, owner-occupied units were as high as 64.7% of total units. By 2020, this number had dropped to 50.5%. In 2020, owner-occupancy is at its lowest. Renter-occupancy, at 49.5%, has almost met it at the 50% mark.

While owner-occupancy rates have decreased, average household size has increased. Three out of the ten year-to-year changes show an increase for owner-occupancy household size. Renter-occupancy household size has also increased. In 2010, household size for either category was below 1.9. By 2020, household size is at least 2.07. Esmeralda's household size has thus approached Nevada's of ~2.7.

Figure 14 Esmeralda County Average Household Size, 2010 to 2020



## Housing Structure Type

### Definition

The statistics, by type of structure, refer to the structural characteristics of the building. The one-unit structure category is a single-family home. It includes fully detached, semidetached (semi-attached, side-by-side), row houses, and townhouses. Multifamily structures are classified by the number of housing units in the structure.

### Why is it important?

Housing structure type data suggests level of permanence in the community. It also says something of the range and diversity of habitants. Cities are likely to have more multiple unit structures rather than a highly predominant single unit makeup. Along these same lines, structure type data speak to the community as being rural or urban. While this may be obvious already, the trend line in housing structure type can give a hint to the exact type of rural-urban split. Comparisons can be made to personal income and per capita income to better determine the overall community makeup.

### County Breakdown

In Esmeralda, single unit structures have increased overall between 2010 and 2020. The largest stretch of increase occurred between 2012 and 2016. 20+ units saw the largest increase in Esmeralda, going from 3.3% of structures in 2010 to 14.6% of structures in 2020. 2- to 4- units have decreased, almost halving in representation in the time period. The same is the case with 5- to 19- units, which saw an even greater loss.

Table 13. Esmeralda County Housing Structure Type, 2010 to 2020

Year	Single Unit	2- to 4- Units	5- to 19- Units	20+ Units	Mobile Home, RV, etc.
2010	29.5%	8.1%	5.6%	3.3%	53.5%
2012	25.4%	4.1%	3.1%	9.3%	58.1%
2014	33.9%	3.6%	2.4%	8.3%	51.8%
2016	35.9%	2.5%	2.4%	10.0%	49.2%
2018	38.0%	4.0%	0.6%	12.2%	45.1%
2020	34.1%	3.4%	2.0%	14.6%	45.8%

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 15 Esmeralda County Housing Structure Distribution, 2010 to 2020

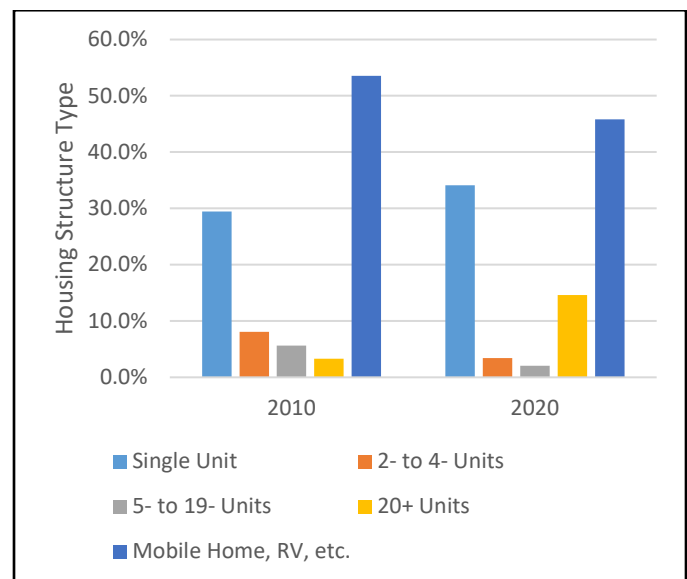
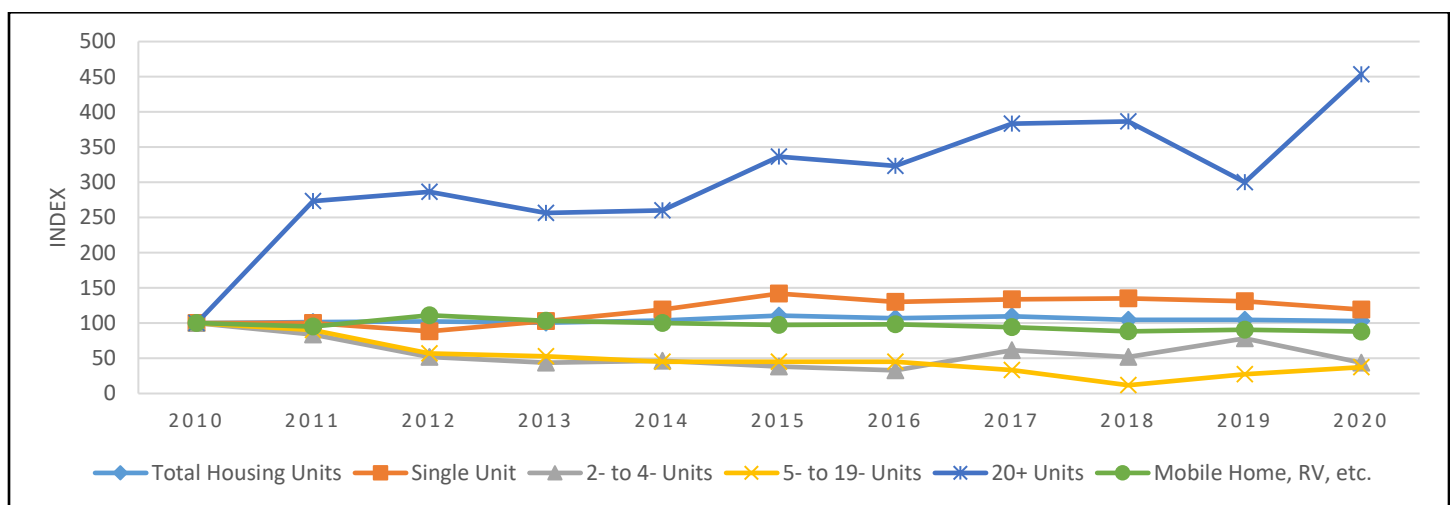


Figure 16 Esmeralda County Housing Structure Type, 2010 to 2020. Index: 2010 = 100



## Housing Age

### Definition

The housing age is the year in which the house was built.

### Why is it important?

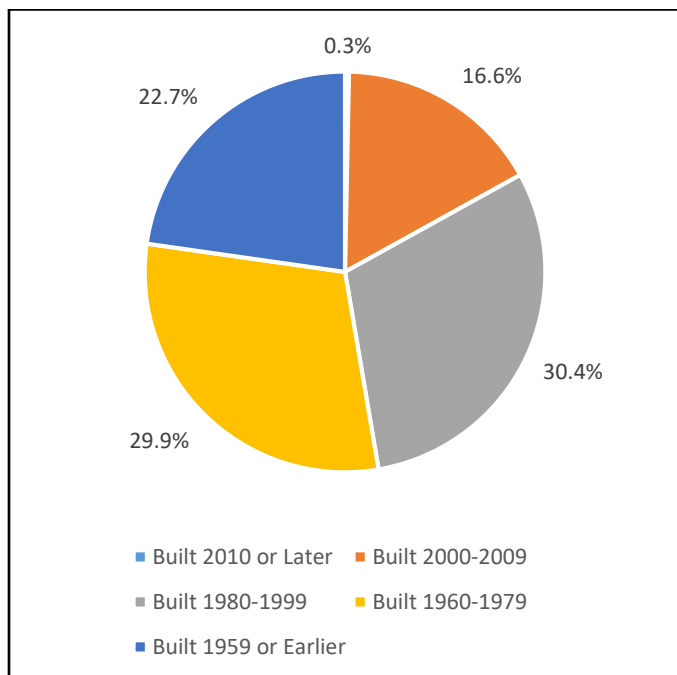
Housing age is an indicator of the general age of the community, and thus an indicator of the community's culture. It shows overall progress and development. A strong presence of newer homes indicates expansion and growth.

Table 14. Esmeralda County Housing Age Distribution, 2012 to 2020

Year	Built 2010 or Later	Built 2000-2009	Built 1980-1999	Built 1960-1979	Built 1959 or Earlier
2012	0.0%	4.3%	40.8%	41.7%	13.1%
2014	0.0%	6.8%	35.0%	37.5%	20.7%
2016	0.0%	7.5%	27.3%	36.9%	28.2%
2018	0.3%	8.0%	29.0%	33.3%	29.4%
2020	0.3%	16.6%	30.4%	29.9%	22.7%

Source: US Census Bureau/American Community Survey. "DP04: Selected Housing Characteristics" Multiple years: 2008-2012 through 2016-2020 American Community Surveys.

Figure 17. Esmeralda County Housing Age Distribution, 2020



### County Breakdown

In Esmeralda, houses built 2010 or later did not appear until 2018, and in 2018 they make up 0.3% of types of houses. Between 2012 and 2018, houses built between 1960 and 1979 decreased from 41.7% to 33.3%. The other range of houses that decreased in percentage were houses built between 1980 and 1999. In 2010 they made up 40.8% of total houses, but by 2020 they made up 30.4%. These two major ranges (1960-1979 and 1980-1999) formerly made up 82.5% of all houses. However, by the end of the time period, they comprise 60.3% of all houses. Year to year changes are pretty consistent across the board, except for 2016 into 2018 showing the reverse of what had led up to that point.





## Veteran Demographics

### Definition

A "civilian veteran" is a person 18 years old or over who has served, but is not now serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or who served in the U.S. Merchant Marine during World War II. People who served in the National Guard or military Reserves are classified as veterans only if they were ever called or ordered to active duty, not counting the 4-6 months for initial training or yearly summer camps.

### Why is it important?

Veteran data does not give way to conclusive analysis. Good reference points are per capita income and poverty. Veteran data is an indicator for the development of programs and services designed for veterans. If it does not indicate a strength or sign of community support for veterans, then it indicates the potential for such support.

### County Breakdown

In Esmeralda between 2010 and 2020, veteran population has nearly halved. The age ranges on either end of the spectrum have increased in veterans (18 to 34 years old went from 0 veterans in 2010 to 9 veterans in 2020; veterans 75 years and older increased from 29 to 33). The age groups in the middle, however, decreased in veteran population. In 2010, Esmeralda veterans between 35 to 54 years old totaled 30. By 2020, this number became 0. Similarly, in 2010 Esmeralda veterans aged 55 to 64 years old totaled 90. By 2020, this number had decreased substantially to 7.

Figure 18. Esmeralda County vs State Comparison, Ten-Year Change of Veteran Demographics, 2010 to 2020

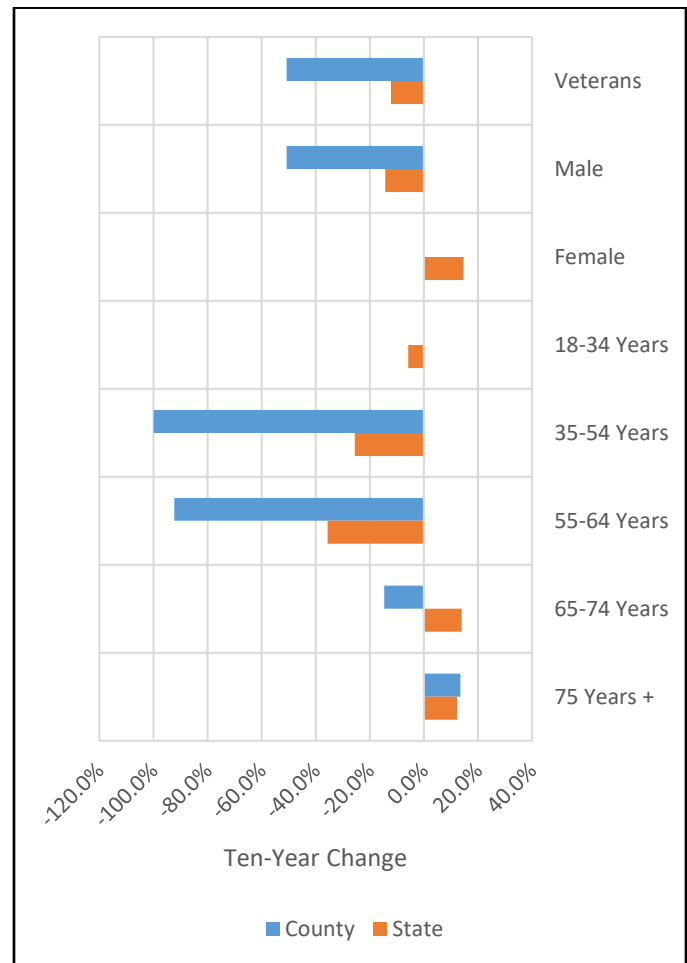


Table 15. Esmeralda County Veteran Demographics, 2010 to 2020

Veterans	Esmeralda		Percent of Total 2020		2010 to 2020 10-Year Change	
	2010	2020	Esmeralda	Nevada	Esmeralda	Nevada
<b>Veteran Population</b>	217	107			-50.7%	-12.1%
<b>Male</b>	217	107	100.0%	90.3%	-50.7%	-14.3%
<b>Female</b>	0	0	0.0%	9.7%		14.7%
<b>18 to 34 Years Old</b>	0	9	8.9%	8.7%		-5.8%
<b>35 to 54 Years Old</b>	30	0	0.0%	23.5%	-100.0%	-25.6%
<b>55 to 64 Years Old</b>	90	7	6.9%	18.9%	-92.2%	-35.6%
<b>65 to 74 Years Old</b>	68	58	57.4%	26.6%	-14.6%	14.0%
<b>75 Years and Older</b>	29	33	32.7%	20.9%	13.5%	12.3%

Source: US Census Bureau/American Community Survey. "S2101: Veteran Status" Multiple years: 2006-2010 and 2016-2020 American Community Surveys.



# Social Characteristics

This section includes social measures of educational attainment, veterans, and school districts. It also goes in-depth regarding poverty, showing the difference between the poverty threshold and guidelines and poverty measures for the county and state.

These data measures determine need or revaluation for community assistance programs; gaps or successes in general school planning and budgeting; the ability to fill job spots through educational attainment and availability; and the potential for interaction between schools, graduating classes, and the growing, surrounding community.



## Social Characteristics

Data in this section is sourced from:

- Nevada Report Card
- US Census Bureau
  - American Community Survey
  - American Fact Finder
- US Department of Health and Human Services

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## County Breakdown

### Educational Attainment:

Between 2010 and 2020, there are fewer people in Esmeralda with *less* than a high school degree. The most substantial change occurred in 2016, when suddenly 10.8% had less than a high school degree, compared to 20.1%. In 2020, compared to 2010, there is a lower number of high school graduates, as well as a higher number of people with some college, but no degree.

Veteran educational attainment follows a similar trend to Esmeralda's general educational attainment. In 2020, compared to 2010, there are fewer Esmeralda veterans with *less* than a high school degree.

### Poverty:

Between 2013 and 2020, Esmeralda has seen an improvement in poverty levels. In 2013, 22.3% of Esmeralda was below 1.00 of the poverty lines. By 2020, only 13.2% of Esmeralda was below 1.00 of the line.

Veteran poverty has decreased in Esmeralda between 2013 and 2020. In 2013, 20.4% of Esmeralda's veterans were in poverty. By 2020, 2.8% of veterans were in poverty. Compare this to Esmeralda's non-veterans.

### School Districts:

Between 2011 and 2021, Esmeralda's student population has increased. In 2011, the school district had 66 students. By 2021, there were 101 students. Esmeralda's increase throughout the time period has not been as consistent as the increase in *Nevada's* student population; nevertheless, all 5 years report an increase.

In Esmeralda between 2011 and 2021, total White students have slightly increased and total Hispanic students have slightly decreased.

Esmeralda has not reported as many Individual Education Programs as other rural Nevada counties. In fact, 4 of the 6 reporting years are blank or N/A. Only in 2017 and 2021 are there reported cases of IEPs, and when they are reported, they are on par with the state's percentage.



## Educational Attainment

### Definition

Educational attainment refers to the highest level of education completed in terms of the highest degree or the highest level of schooling completed. Individuals reported in this measure are over 25 years old.

### Why is it important?

Education data is a sign of workforce skill. In other words, a higher percentage of higher-end educational attainment helps indicate the type of labor force in a region. For example, a tech company might be more interested in opening up a facility with a higher focus of Bachelor's or Graduate degree obtainers. This data also, simply put, indicates a county's ability to enforce education. A lower percentage of high school graduates could suggest either a needed improvement at the schools themselves or a needed improvement on the community as a whole, in terms of data such as crime rates and poverty.

### County Breakdown

Between 2010 and 2020, there are fewer people in Esmeralda with *less* than a high school degree. The most substantial change occurred in 2016, when suddenly 10.8% had less than a high school degree, compared to 20.1%. In 2020, compared to 2010, there is a lower number of high school graduates, as well as a higher number of people with some college, but no degree. At the same time, there are fewer holders of Associate's Degrees, Bachelor's Degrees, and Graduate/Professional degrees. To sum: in Esmeralda there are more college graduates, but less high school graduates. Esmeralda follows state trends with high school graduates, but not college graduates, because Nevada reports higher total Bachelor's Degree holders.

Table 16 Esmeralda County Condensed Education Levels, 2010 to 2020

Year	Esmeralda < H.S.	Esmeralda Bachelor+	Nevada < H.S.	Nevada Bachelor+
2010	16.0%	21.1%	15.7%	21.8%
2012	17.4%	12.8%	15.6%	22.2%
2014	14.6%	13.2%	15.1%	22.6%
2016	10.8%	16.8%	14.6%	23.2%
2018	12.2%	16.5%	13.7%	24.2%
2020	20.1%	16.8%	13.1%	25.5%

Source: US Census Bureau/American Community Survey. "S1501: Educational Attainment" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

Figure 19 Esmeralda County vs State Comparison, Educational Attainment Levels, 2010 to 2020

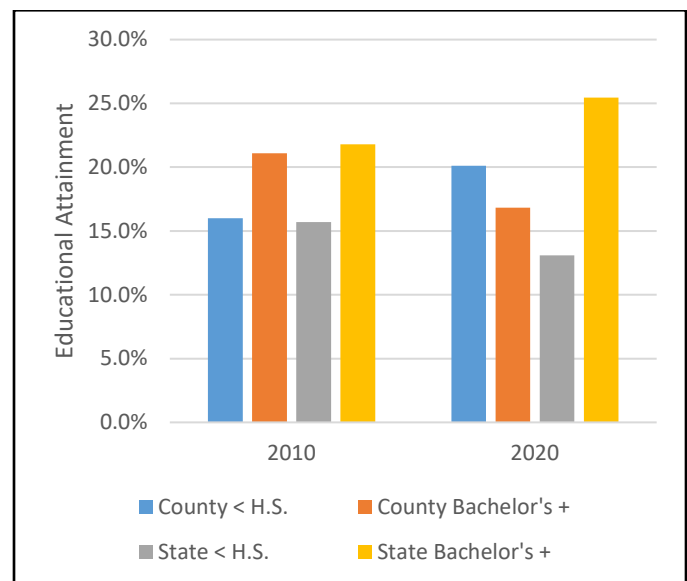


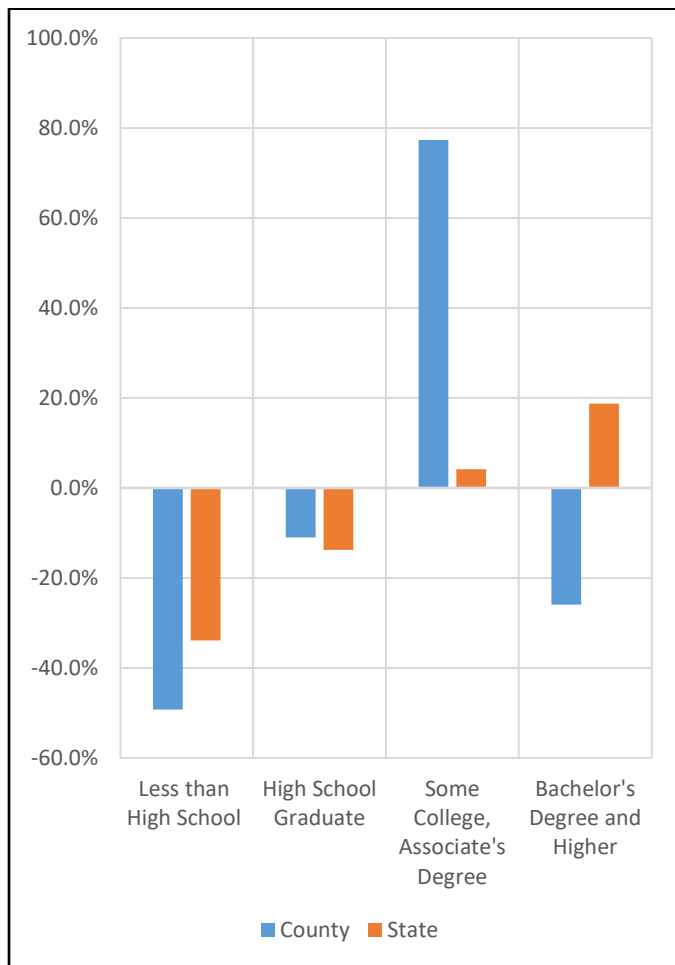
Table 17 Esmeralda County Educational Attainment, 2010 to 2020

Year	Population 25 and over	Less than 9th Grade	9th to 12th Grade, No Diploma	High School Graduate/ Equivalent	Some College, No degree	Associate's Degree	Bachelor's Degree	Graduate/ Professional Degree
2010	759	5.3%	10.7%	37.2%	20.6%	5.3%	15.0%	6.1%
2012	758	6.7%	10.7%	35.0%	27.7%	7.1%	9.4%	3.4%
2014	754	6.1%	8.5%	41.5%	28.0%	2.7%	11.5%	1.7%
2016	785	4.2%	6.6%	42.5%	23.3%	6.5%	14.1%	2.7%
2018	769	4.7%	7.5%	42.3%	24.2%	4.8%	11.8%	4.7%
2020	885	4.5%	15.6%	27.0%	28.4%	7.7%	12.8%	4.1%

Source: US Census Bureau/American Community Survey. "S1501: Educational Attainment" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

## Veteran Educational Attainment

Figure 20 Esmeralda County vs State Comparison, Ten-Year Change of Veteran Educational Attainment, 2010 to 2020



### Definition

Educational attainment refers to the highest level of education completed in terms of the highest degree or the highest level of schooling completed. Attainment here is applied to civilian veterans.

### Why is it important?

Veteran Educational Attainment data is a good marker for social and personal reform. Education here is a baseline indicator for a veteran's ability to enter the work force. There are other factors and outliers that must be considered, but as a general assumption: the higher the attainment and the more prevalent the rates above high school, the easier it is for veterans to enter the work force.

### County Breakdown

Veteran educational attainment follows a similar trend to Esmeralda's general educational attainment. In 2020, compared to 2010, there are fewer Esmeralda veterans with *less* than a high school degree. There are also fewer high school graduates than there were in 2010. At the same time, however, there are fewer veterans with Associate's degrees and Bachelor's degrees. Veterans with Associate's degrees or part-college attainment have decreased since 2010 (55 to 48), while veterans with Bachelor's degrees have been reduced by two-thirds (93 to 34). This is not the case for Nevada, where veterans have increased in college degree attainment.

Table 18 Esmeralda County Veteran Educational Attainment, 2010 to 2020

Veterans	Esmeralda		Percent of Total 2020		2010 to 2020 10-Year Change	
	2010	2020	Esmeralda	Nevada	Esmeralda	Nevada
<b>Veteran Population</b>	217	107			-50.7%	-12.1%
<b>Less than High School</b>	28	7	6.5%	4.3%	-49.3%	-33.9%
<b>High School Graduate</b>	41	18	16.8%	24.4%	-11.0%	-13.8%
<b>Some College, Associate's Degree</b>	55	48	44.9%	43.7%	77.3%	4.2%
<b>Bachelor's Degree and Higher</b>	93	34	31.8%	27.5%	-25.9%	18.7%

Source: US Census Bureau/American Community Survey. "S2101: Veteran Status" Multiple years: 2006-2010 and 2016-2020 American Community Surveys.

## Poverty Threshold

### Definition

The Census Bureau gives the following **definition of poverty**:

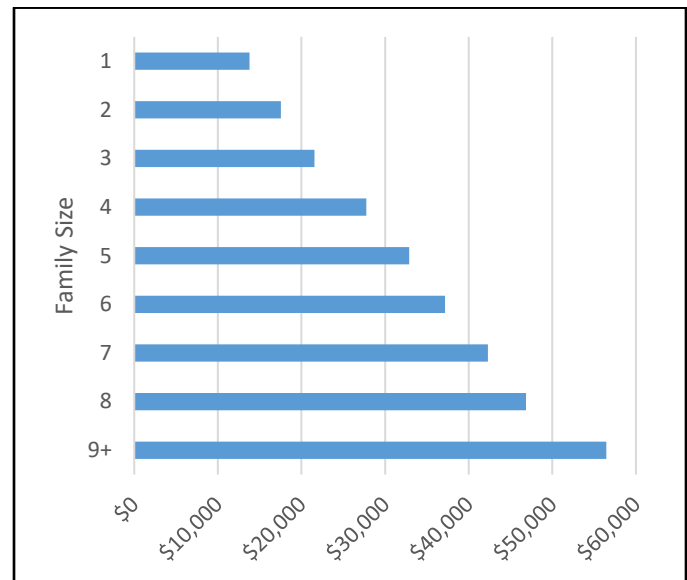
*The Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.*

This definition covers the poverty threshold, but not the poverty guidelines, which are covered more on the next page.

### There are two different poverty levels?

Yes, the federal government has two separate measures of poverty. The first is the **Census Bureau's "Poverty Thresholds"**. The second is the **Department of Health and Human Services' (HHS) "Poverty Guidelines"**. These are distinct terms with different formulas and different uses. The main use for the poverty thresholds created by the Census Bureau is statistical; that is, it is used in the calculating of the total number of people in poverty. HHS's poverty guidelines are for administrative purposes, mainly used to determine financial eligibility for certain programs.

Figure 21. Census Bureau Weighted Average Poverty Thresholds by Family Size, 2021



### How does the makeup of the household affect each poverty level?

Both the thresholds and guidelines **take into account the total number of people in the household/family** that is being assessed. A two-person household has a lesser monetary level to be considered in poverty than a four-person household in both the threshold and guidelines. The guidelines do not factor in age in the calculations. The thresholds do, on the other hand, factor in age. Both the total number of children and, for one- and two-person households, the elderly, are considered.

Table 19. Poverty Thresholds by Size of Family and Number of Related Children, 2021

Size of Family Unit	Related Children under 18 Years-Old							
	None	One	Two	Three	Four	Five	Six	Seven
<b>One person</b>								
Under age 65	14,097							
Aged 65 and older	12,996							
<b>Two people:</b>								
Householder under age 65	18,145	18,677						
Householder aged 65+	16,379	18,606						
<b>Three people</b>	21,196	21,811	21,831					
<b>Four people</b>	27,949	28,406	27,479	27,575				
<b>Five people</b>	33,705	34,195	33,148	32,338	31,843			
<b>Six people</b>	38,767	38,921	38,119	37,350	36,207	35,529		
<b>Seven people</b>	44,606	44,885	43,925	43,255	42,009	40,554	38,958	
<b>Eight people</b>	49,888	50,329	49,423	48,629	47,503	46,073	44,585	44,207
<b>Nine people or more</b>	60,012	60,303	59,501	58,828	57,722	56,201	54,826	54,485
								52,386

Source: United States Census Bureau

## Poverty Guidelines

Table 20. Poverty Guidelines, 2021

Family/H H Size	48 Contiguous	Alaska	Hawaii
1	\$12,880	\$16,090	\$14,820
2	\$17,420	\$21,770	\$20,040
3	\$21,960	\$27,450	\$25,260
4	\$26,500	\$33,130	\$30,480
5	\$31,040	\$38,810	\$35,700
6	\$35,580	\$44,490	\$40,920
7	\$40,120	\$50,170	\$46,140
8	\$44,660	\$55,850	\$51,360

Source: United States Department of Health & Human Services

### Are there cost of living adjustments based on where someone lives?

The quick answer is **no, not within the contiguous 48 states**. The poverty threshold has the same monetary level throughout the entire United States for any given year. There is no variation for any state, city, or other area. The poverty guidelines have a single monetary level for the 48 contiguous states and Washington DC, but a separate set of figures for each of Alaska and Hawaii.

### Some of the Federal Programs that use the Poverty Guidelines:

- Head Start
- Low-Income Home Energy Assistance
- Parts of Medicaid
- Children's Health Insurance Program
- Medicare Prescription Drug Coverage
- Family Planning Services
- SNAP
- WIC
- School Free and Reduced Meals
- EFNEP
- Weatherization Assistance Program
- Job Corps
- Foster Grandparent Program



Table 21. Poverty Guidelines by Most Commonly Used Percentages for Assistance Programs, Contiguous 48 States, 2021

Family/ HH Size	50%	100%	125%	133%	135%	138%	150%	175%	180%	185%	200%
1	\$6,440	\$12,880	\$16,100	\$17,130	\$17,388	\$17,774	\$19,320	\$22,540	\$23,184	\$23,828	\$25,760
2	\$8,710	\$17,420	\$21,775	\$23,169	\$23,517	\$24,040	\$26,130	\$30,485	\$31,356	\$32,227	\$34,840
3	\$10,980	\$21,960	\$27,450	\$29,207	\$29,646	\$30,305	\$32,940	\$38,430	\$39,528	\$40,626	\$43,920
4	\$13,250	\$26,500	\$33,125	\$35,245	\$35,775	\$36,570	\$39,750	\$46,375	\$47,700	\$49,025	\$53,000
5	\$15,520	\$31,040	\$38,800	\$41,283	\$41,904	\$42,835	\$46,560	\$54,320	\$55,872	\$57,424	\$62,080
6	\$17,790	\$35,580	\$44,475	\$47,321	\$48,033	\$49,100	\$53,370	\$62,265	\$64,044	\$65,823	\$71,160
7	\$20,060	\$40,120	\$50,150	\$53,360	\$54,162	\$55,366	\$60,180	\$70,210	\$72,216	\$74,222	\$80,240
8	\$22,330	\$44,660	\$55,825	\$59,398	\$60,291	\$61,631	\$66,990	\$78,155	\$80,388	\$82,621	\$89,320

Source: United States Department of Health & Human Services

\*For families/households with more than 8 persons, add \$4,540 for each additional person (at 100%).



## Poverty in Nevada

**This report is using both the threshold and guidelines.**

Any page in this document that gives a count of people in poverty is using the Census Bureau's threshold. This includes the tables found within this section, such as the general population poverty numbers and veteran poverty numbers. Sections that show numbers regarding a part of the population on an assistance program will be using the HHS's guidelines. That includes school free and reduced lunch, among others.

Figure 22 Esmeralda County vs State Comparison, Ratio of Income to Poverty Thresholds, 2013 to 2020

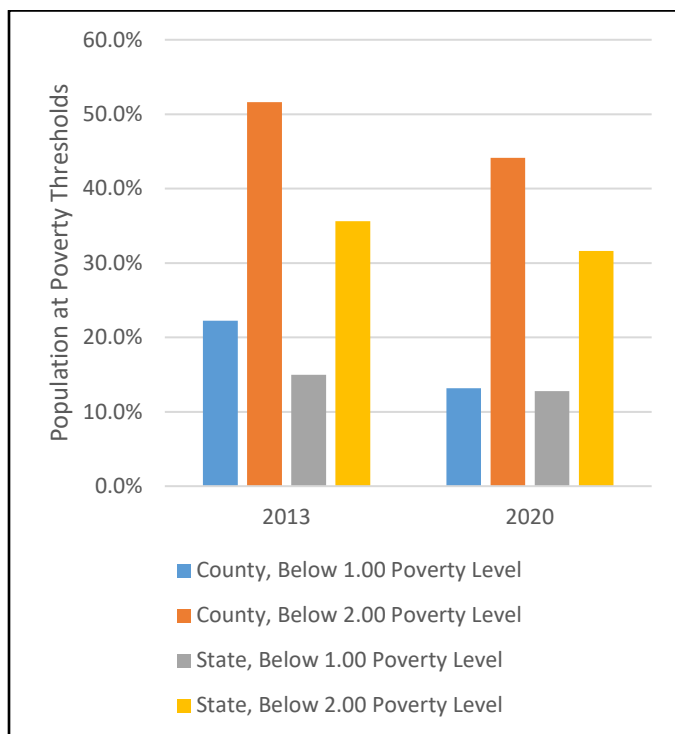


Table 22. Esmeralda County Condensed Poverty Levels, 2013 to 2020

Year	Below 1.00 Poverty Level	Below 2.00 Poverty Level	Nevada Below 1.00 Poverty Level	Nevada Below 2.00 Poverty Level
2013	22.3%	51.6%	15.0%	35.6%
2014	23.0%	54.9%	15.6%	36.6%
2015	17.1%	47.9%	15.5%	36.7%
2016	11.9%	47.0%	14.9%	35.9%
2017	6.8%	43.4%	14.2%	34.6%
2018	7.2%	45.3%	13.7%	33.6%
2019	8.9%	42.1%	13.1%	32.3%
2020	13.2%	44.1%	12.8%	31.6%

Source: US Census Bureau/American Community Survey. "S1701: Poverty Status in the Past 12 Months" Multiple years: 2009-2013 through 2016-2020 American Community Surveys.

### County Breakdown

Between 2013 and 2020, Esmeralda has seen an improvement in poverty levels. In 2013, 22.3% of Esmeralda was below 1.00 of the poverty lines. By 2020, only 13.2% of Esmeralda was below 1.00 of the line. Perhaps more importantly, poverty levels have decreased most in the recent years of 2015, 2016, and 2017, which indicates change is closer, and not stagnation. Even when it comes to the population below 2.00 of the poverty levels, Esmeralda has seen decreases. Meanwhile Nevada's poverty levels have also seen decreases in poverty but not as large of a change as the county in the same time period.

Table 23. Esmeralda County Ratio of Income to Poverty Level Distribution, 2013 to 2020

Year	Esmeralda Population	Below .50 Poverty Level	.50 to 1.00 of Poverty Level	1.00 to 1.25 of Poverty Level	1.25 to 1.50 of Poverty Level	1.50 to 1.85 of Poverty Level	1.85 to 2.00 of Poverty Level
2013	957	3.7%	18.6%	11.8%	9.4%	6.4%	1.8%
2014	1,022	3.6%	19.4%	9.6%	13.4%	6.9%	2.0%
2015	1,133	3.4%	13.7%	7.6%	15.0%	6.9%	1.3%
2016	1,061	2.5%	9.4%	8.5%	18.5%	6.9%	1.3%
2017	1,097	0.7%	6.1%	6.9%	21.8%	6.5%	1.4%
2018	976	0.6%	6.6%	10.3%	20.6%	6.0%	1.1%
2019	963	2.9%	6.0%	8.0%	16.1%	6.4%	2.6%
2020	1,024	2.1%	11.1%	5.9%	15.7%	5.4%	4.0%

Source: US Census Bureau/American Community Survey. "S1701: Poverty Status in the Past 12 Months" Multiple years: 2009-2013 through 2016-2020 American Community Surveys.

## Veteran Poverty

Figure 23 Esmeralda County vs State Comparison, Percent of Veteran and Non-Veteran Populations in Poverty, 2013 to 2020

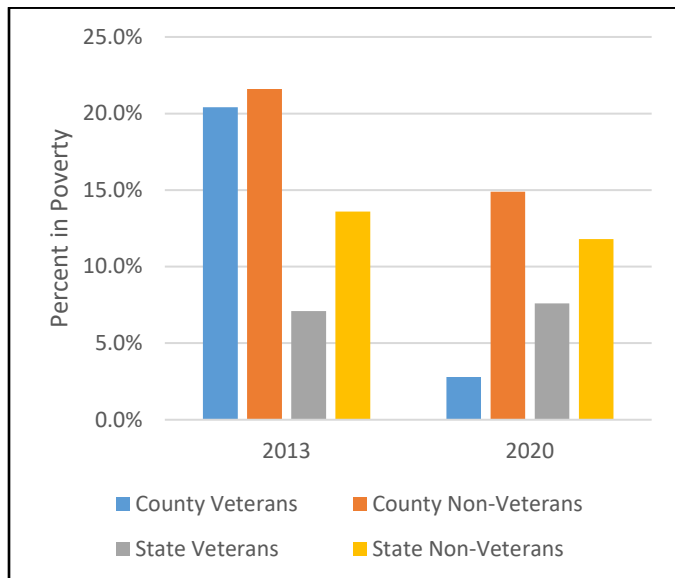
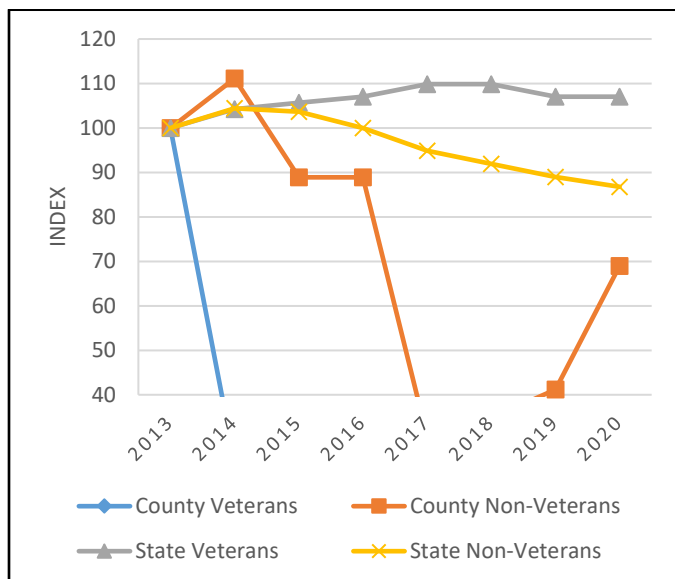


Figure 24. Esmeralda County vs State Comparison, Veteran and Non-Veteran Populations in Poverty, 2013 to 2020, Index 2013 = 100



### How are the poverty threshold and guidelines calculated?

Both the Census Bureau and HHS **update their poverty levels annually using** the Consumer Price Index for all Urban Consumers (**CPI-U**).

The **thresholds** are calculated by updating the original threshold matrix created in 1978 via the CPI-U. The Census Bureau issues preliminary thresholds in January and the final thresholds in September for the previous year. That is, the preliminary poverty thresholds for 2017 were issued in January 2018 and then updated in September 2018 for the final poverty thresholds. This is then used to measure poverty for the calendar year 2017, reflecting the 2017 calendar year price level.

The poverty **guidelines** are issued every January, calculated from the thresholds finalized the previous year. Thus, the 2017 guidelines were issued in January 2017 calculated from the calendar year 2015 thresholds finalized in September 2016. Due to this, the 2017 guidelines are roughly equal to the 2016 thresholds.

Table 24 Esmeralda County Condensed Poverty Levels, 2013 to 2020

Year	Esmeralda Veterans	Esmeralda Non-Veterans	Nevada Veterans	Nevada Non-Veterans
2013	20.4%	21.6%	7.1%	13.6%
2014	5.1%	24.0%	7.4%	14.2%
2015	4.1%	19.2%	7.5%	14.1%
2016	4.1%	19.2%	7.6%	13.6%
2017	4.5%	6.6%	7.8%	12.9%
2018	0.0%	7.5%	7.8%	12.5%
2019	2.3%	8.9%	7.6%	12.1%
2020	2.8%	14.9%	7.6%	11.8%

Source: US Census Bureau/American Community Survey. "S2101: Veteran Status" Multiple years: 2009-2013 and 2016-2020 American Community Surveys.

### County Breakdown

Veteran poverty has decreased in Esmeralda between 2013 and 2020. In 2013, 20.4% of Esmeralda's veterans were in poverty. By 2020, 2.8% of veterans were in poverty. Compare this to Esmeralda's non-veterans. Poverty for both veterans and non-veterans decreased in Esmeralda, at similar overall rates. The major difference is when it happened, and how fast. In 2014, veteran poverty dropped tremendously, going from 20.4% to 5.1%. However, for non-veteran poverty, it took until 2017 for the number to drop.

## School District Population

### Definition

School District population data shows the total students enrolled in all K-12 institutions, as well as a breakdown of gender.

### Why is it important?

School District population data acts as a springboard for other measures of staffing, special populations, class size, and per pupil expenditures. This helps administrators, business owners, and general decision makers in commercial and governmental planning and budgeting matters. For example, a new project that is bringing a couple hundred jobs into the region may also bring a couple hundred workers and families. The number of schoolchildren for each year is crucial for planning ahead, especially when considering the transition to middle school and high school, in order to see if adjustments are necessary.

Table 25. Esmeralda County School District Enrollment, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda	Nevada
2010-2011	66	437,057
2012-2013	67	445,381
2014-2015	74	459,095
2016-2017	75	473,647
2018-2019	96	492,638
2020-2021	101	482,364

Source: NevadaReportCard.com

Figure 25. Esmeralda County vs State Comparison, School District Enrollment, 2010 to 2021 Accountability Years, Index 2010 = 100

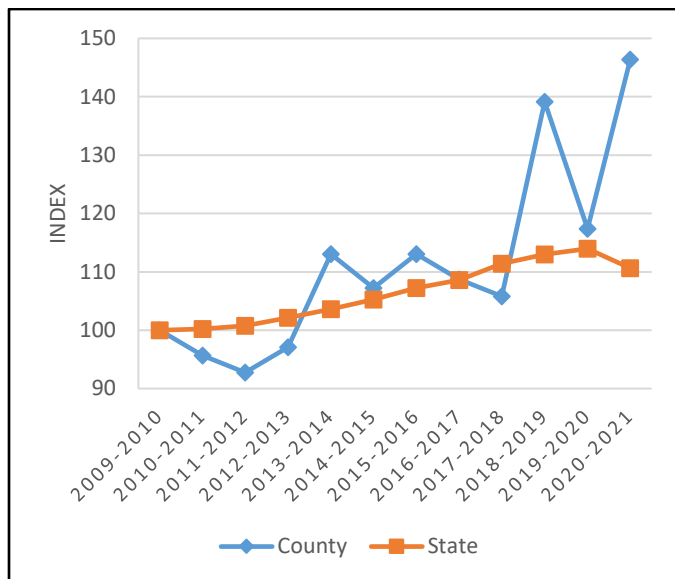
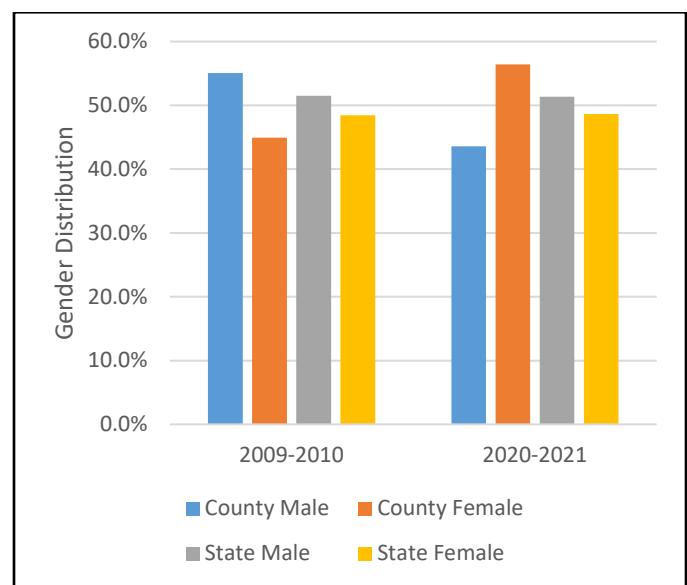


Table 26. Esmeralda County School District Gender Distribution, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda Male	Esmeralda Female	Nevada Male	Nevada Female
2010-2011	59.1%	40.9%	51.5%	48.5%
2012-2013	53.7%	46.3%	51.4%	48.6%
2014-2015	48.6%	51.4%	51.6%	48.4%
2016-2017	52.0%	48.0%	51.6%	48.4%
2018-2019	44.8%	55.2%	51.5%	48.5%
2020-2021	43.6%	56.4%	51.4%	48.6%

Source: NevadaReportCard.com

Figure 26 Esmeralda County vs State Comparison, School District Distribution by Gender, 2010 to 2021 Accountability Years



### County Breakdown

Between 2011 and 2021, Esmeralda's student population has increased. In 2011, the school district had 66 students. By 2021, there were 101 students. Esmeralda's increase throughout the time period has not been as consistent as the increase in Nevada's student population; nevertheless, all 5 years report an increase. So, while Esmeralda as a smaller county reports naturally a lower student body, the overall percentage increase of the last eight years indicates growth.

## School District Race and Ethnicity

### Definition

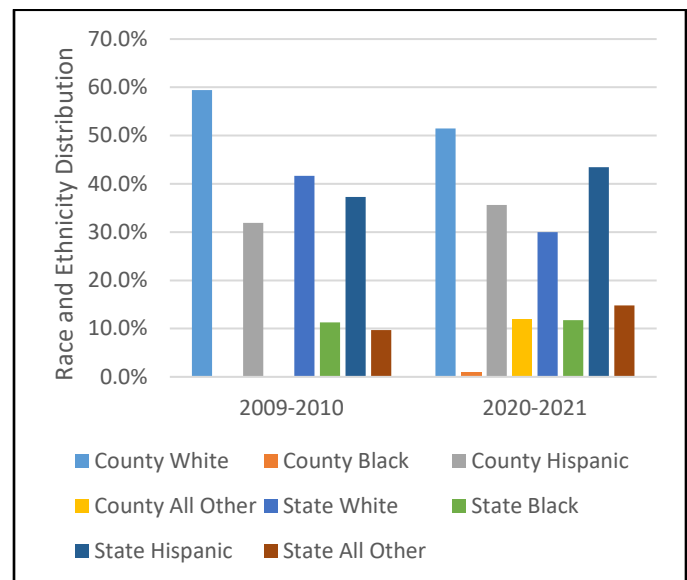
This data is a measure of the race and ethnicity of each student in the county's school district. For the definition of race and ethnicity, please see the demographic characteristics section.

### Why is it important?

While race and ethnicity data for the general population is most important for advertisers and business owners, race data for school districts allows local decision makers to get an overall picture of the makeup of schools. Diversity programs improve equality yet, in order to develop a model, this data here should be supplemented with in-person experience of the county. Moreover, poverty data and free and reduced lunch populations should be consulted.



Figure 27 Esmeralda County vs State Comparison, School District Distribution by Race and Ethnicity, 2011 to 2021 Accountability Years



### County Breakdown

In Esmeralda between 2011 and 2021, total White students have slightly increased and total Hispanic students have slightly decreased. There have been no black students in Esmeralda between 2011 and 2019 but has now slightly risen to 1.0% in 2021. Total students with all other races/ethnicities have increased substantially from 0% to 11.9%. This increase came suddenly in 2019 after seven years of 0% representation, and so there is a possibility that the method of gathering and reporting changed in 2019.

Table 27. Esmeralda County School District Race and Ethnicity, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda				Nevada			
	White	Black	Hispanic	All Other	White	Black	Hispanic	All Other
2010-2011	50.0%	-	39.4%	0.0%	38.7%	9.9%	38.8%	12.7%
2012-2013	59.7%	-	32.8%	0.0%	36.8%	9.7%	40.0%	13.5%
2014-2015	56.8%	-	35.1%	0.0%	35.1%	10.2%	41.1%	13.7%
2016-2017	54.7%	-	36.0%	0.0%	33.2%	10.8%	42.1%	13.9%
2018-2019	52.1%	-	36.5%	11.5%	31.9%	11.3%	42.5%	14.4%
2020-2021	51.5%	1.0%	35.6%	11.9%	30.0%	11.8%	43.4%	14.8%

Source: NevadaReportCard.com



## School District Special Populations

### Definition

The individualized education program (IEP) is a written statement for each child with a disability that is receiving special education services that is developed and reviewed by the IEP Team. (From the act, IDEA)

An English language learner (ELL) is a person who is learning the English language in addition to his or her native language or any other languages they may speak.

### Why is it important?

Special populations data allows individuals with an impact on school programs to develop programs or make adjustments. School boards, government heads, and even teachers can use this data to start initiatives or remodel already-existing plans.

Table 28 Esmeralda County School District Individual Education Program Population, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda IEP	Nevada IEP
2010-2011		10.8%
2012-2013		11.0%
2014-2015		11.8%
2016-2017	13.3%	12.2%
2018-2019		12.2%
2020-2021	13.9%	12.6%

Source: NevadaReportCard.com

The symbol '-' indicates data not presented for groups less than ten, suppressed due to FERPA regulations.

The text 'N/A' indicates that the population was not present.

Figure 28. Esmeralda County vs State Comparison, School District Individual Education Program Distribution, 2010 to 2021 Accountability Years

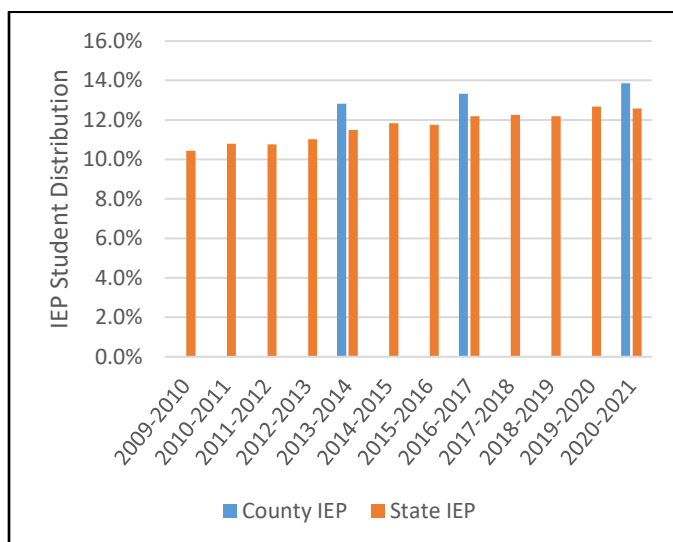


Table 29 Esmeralda County School District English Language Learner Population, 2011 to 2021 Selected Accountability Years

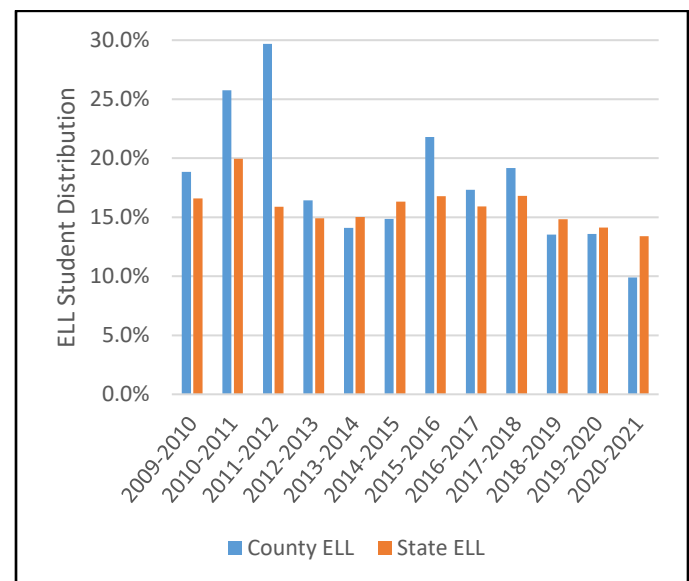
Accountability Year	Esmeralda ELL	Nevada ELL
2010-2011	25.8%	20.0%
2012-2013	16.4%	14.9%
2014-2015	14.9%	16.3%
2016-2017	17.3%	15.9%
2018-2019	13.5%	14.8%
2020-2021	9.9%	13.4%

Source: NevadaReportCard.com

The symbol '-' indicates data not presented for groups less than ten, suppressed due to FERPA regulations.

The text 'N/A' indicates that the population was not present.

Figure 29 Esmeralda County vs State Comparison, School District English Language Learner Population, 2010 to 2021 Accountability Years



### County Breakdown

Esmeralda has not reported as many Individual Education Programs as other rural Nevadan counties. In fact, 4 of the 6 reporting years are blank or N/A. Only in 2017 and 2021 are there reported cases of IEPs, and when they are reported, they are on par with the state's percentage. Unlikely this is an error in reporting. The school district only has between 60 and 90 students. Due to FERPA rules, populations under 10 has the data repressed. Thus, even if 12 percent of the student population were in IEP, that could be conceivably be under 10 total individuals.

## Free and Reduced Lunch Population

### Definition

Free and Reduced Lunch (FRL) is a program offered to students who qualify according to family size and income. This qualification is generally the student's household income at 185% of the poverty guideline.

### Why is it important?

Like with the other special populations data, this data allows individuals with an impact on school programs to develop programs or make any necessary adjustments. School boards, government heads, and even teachers can use this data to start initiatives or remodel already-existing plans. For example, an increased percentage of FRL might indicate an increase of lower-income families. For accuracy, data here should be compared with poverty data.

Table 30. Esmeralda County School District Free and Reduced Lunch Eligible Students, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda FRL Eligible	Nevada FRL Eligible
2010-2011	66.7%	47.9%
2012-2013	58.2%	49.9%
2014-2015	54.1%	53.2%
2016-2017	54.7%	60.7%
2018-2019	62.5%	61.2%
2020-2021	98.0%	73.2%

Source: NevadaReportCard.com

Figure 30. Esmeralda County vs State Comparison, School District Free and Reduced Lunch Eligibility, 2010 to 2021 Accountability Years, Index 2010 = 100

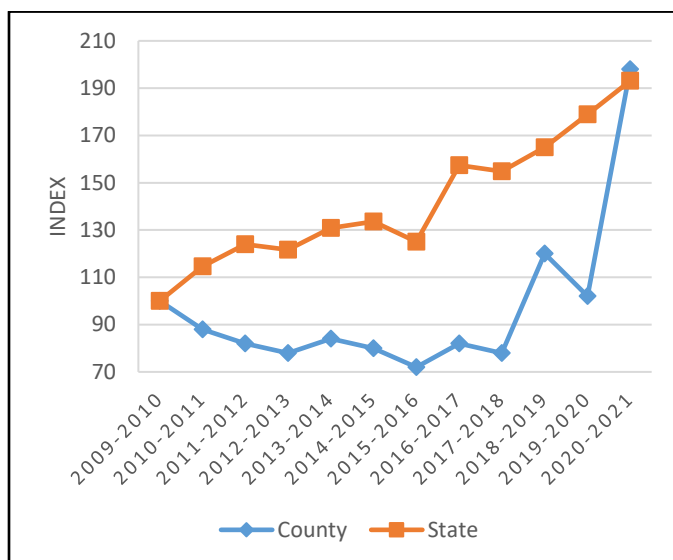


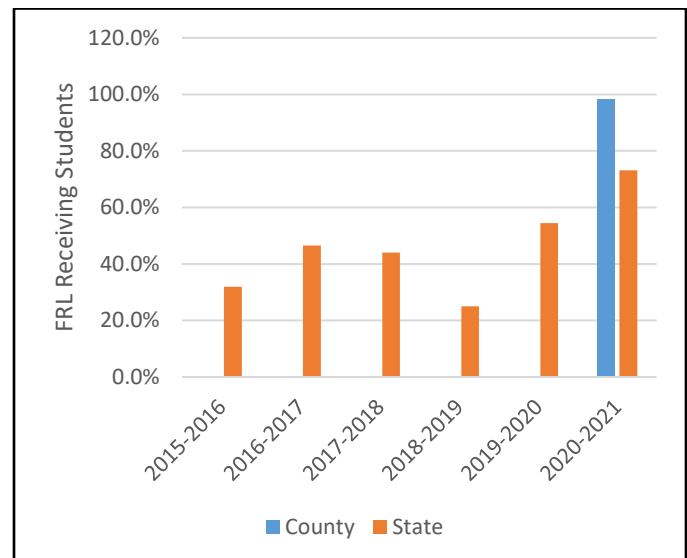
Table 31. Esmeralda County School District Percent of Eligible Students who Received Free and Reduced Lunch, 2016 to 2021 Accountability Years

Accountability Year	Esmeralda FRL Receiving	Nevada FRL Receiving
2015-2016	0.0%	31.9%
2016-2017	0.0%	46.5%
2017-2018	0.0%	44.0%
2018-2019	0.0%	25.1%
2019-2020	0.0%	54.5%
2020-2021	98.0%	73.2%

Source: NevadaReportCard.com

Note: This table shows the percentage of students who receive free or reduced lunch after eligibility is approved.

Figure 31. Esmeralda County vs State Comparison, School District Free and Reduced Lunch Receiving Students, 2016 to 2021



### County Breakdown

Between 2011 and 2021, percentage of Esmeralda students eligible for free and reduced lunch has increased. In 2011 66.7% of students were eligible for free and reduced lunch. By 2015, this number was down to 54.1%. Since then, it has increased up into 2021, where 98.0% of the student population is FRL eligible. Despite fluctuating eligibility throughout the time period, 2016 to 2020 shows 0% FRL receiving for Esmeralda. This may be a reporting error.

## School District Staffing

Table 32. Esmeralda County School District Staffing, 2012 to 2021 Accountability Years

Accountability Year	Administrators	Teachers	Other Staff
2011-2012	1	10	12
2012-2013	2	11	12
2013-2014	1	7	17
2014-2015	1	8	17
2015-2016	1	8	14
2016-2017	1	8	16
2017-2018	1	9	17
2018-2019	1	7	19
2019-2020	1	9	18
2020-2021	1	11	21

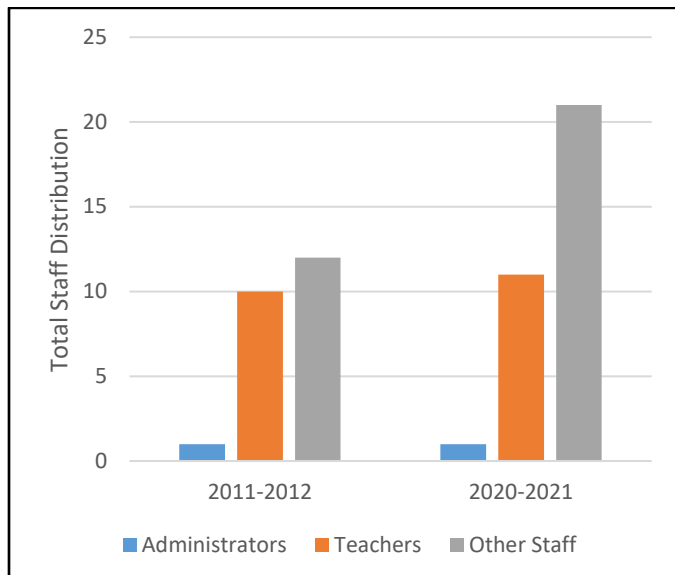
### Definition

School District staffing is the number of administrators, teachers, and other staff in the entire school district.

### Why is it important?

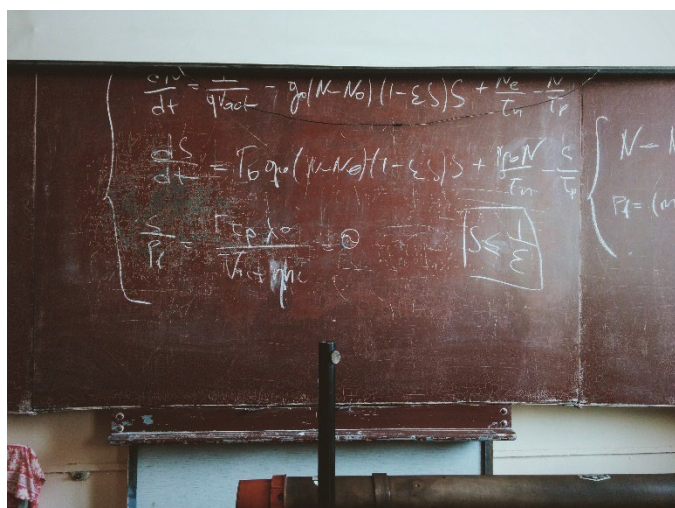
Staffing data allows school administration and decision makers to make necessary adjustments with regards to education and allotment. When compared with student teacher ratios, class sizes, per pupil expenditures, and overall budgets, this data helps highlight patterns that make it easier to decide what is best for education planning.

Figure 32. Esmeralda County School District Staffing, 2012 to 2021 Accountability Years



### County Breakdown

Between 2012 and 2021, Esmeralda has seen slight change in staffing. In 2013 for a year there was an increase in *administration*, but by the following year total administrators had decreased again to 1, and then remained at 1 for the remaining of the time period into 2021. Similarly, *teachers* were increasing into 2013, where they peaked at 11 teachers. By the next year teachers were down to 7. Since then, teachers have slightly increased to return to 11 in 2021. *Other Staff* follows a different pattern between 2012 and 2021. Where administrators increase and decrease around 2013 and 2014, other staff in Esmeralda increases, and remains increased, all the way into 2021, where it's the highest that it's been for the whole time period.



## Student Teacher Ratios

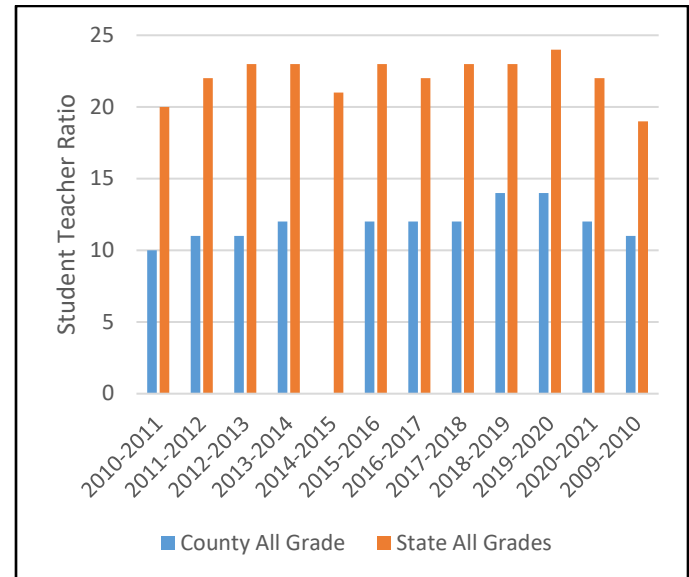
### Definition

Student Teacher Ratio is the ratio of students per one teacher. Kindergarten ratios are based on number of classes, not teachers. Student Teacher ratios are calculated for primary education schools (elementary schools). 6th grade classes at middle-schools are not used in these calculations.

### Why is it important?

Student teacher ratio data helps counties adjust amount of teachers, amount of classrooms, and allotment of students per teacher. Data here should be compared with population and employee inflow/outflow in order to strengthen the need or lack of adjustment. For example, if it is expected that a huge group of workers are going to migrate into the community for a momentary project or permanent place of work, then it will be necessary to see how their children, if applicable, will be integrated into the school system. If, on the contrary, the data shows a gradual decrease in population, then a look at the student teacher ratios might suggest a lowering of teacher employees.

Figure 33. Esmeralda County vs State Comparison, Student Teacher Ratio, 2010 to 2021 Accountability Years



### County Breakdown

Due to Esmeralda's size, data is not available for individual primary school grades. Nevertheless, available data shows that student teacher ratios have been gradually increasing between 2011 and 2021. Every couple of years the student teacher ratio increases in Esmeralda county up until 2021 where it decreased back to 11. Nevada's student teacher ratios, on the other hand, change differently. They fluctuate compared to Esmeralda's slow, consistent increase.

Table 33 Esmeralda County Student Teacher Ratio, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda								Nevada							
	All	K	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	All	K	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>
2010-2011	11	0	0	0	0	0	0	0	22	24	18	19	21	26	26	25
2012-2013	12	0	0	0	0	0	0	0	23	25	20	21	22	27	27	26
2014-2015	12	0	0	0	0	0	0	0	23	21	21	21	23	28	28	21
2016-2017	12	0	0	0	0	0	0	0	23	21	19	19	22	27	28	20
2018-2019	14	3	4	0	5	0	0	6	24	23	20	20	22	27	28	22
2020-2021	11	0	0	0	0	0	0	0	19	-	19	19	21	25	26	23

Source: NevadaReportCard.com

The table shows the number of students per one teacher on average. Kindergarten ratios based on number of classes, not teachers.

Student Teacher ratios are calculated for primary education schools (elementary schools.) 6<sup>th</sup> grade classes at middle-schools are not used in this calculation.



## Average Class Size

### Definition

Class sizes measure the average number of students per classroom session for primary (middle and high) school classes.

### Why is it important?

Class size data allows school boards and teachers to maximize efficiency. Instead of having too many or too few students, the ideal class size is a balance. Trends and yearly measures should be compared to the state level, but rural vs. urban factors should also be considered.



### County Breakdown

Due to Esmeralda's size, data should be read differently for average class size. Firstly, data is not available for the years between 2011 and 20113. When data does become available, it becomes clear that all students take the same classes, and so there is no variation between the four categories.

Figure 34. Esmeralda County vs State Comparison, Average Class Size, 2010 to 2021 Accountability Years

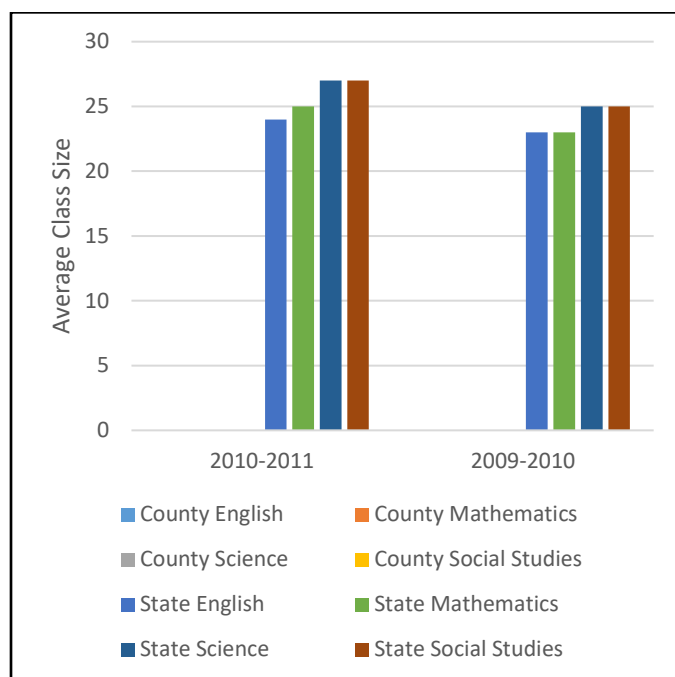


Table 34. Esmeralda County Average Class Size by Subject Area, 2011 to 2021 Selected Accountability Years

Accountability Year	Esmeralda				Nevada			
	English	Math	Science	Social Studies	English	Math	Science	Social Studies
2010-2011	0	0	0	0	23	23	25	25
2012-2013	0	0	0	0	24	24	26	26
2014-2015	26	26	26	26	22	23	25	25
2016-2017	11	11	11	11	28	27	27	28
2018-2019	8	8	8	8	19	20	21	18
2020-2021	0	0	0	0	22	24	25	23

Source: NevadaReportCard.com

Class size is calculated for secondary education schools (middle- and high-schools.)

Graduation

Definition

The Graduation rate the rate at which 9th graders graduate by the end of the 12th grade (i.e., the number of students who graduate in four years with a regular high school diploma divided by the number of students who form the adjusted cohort for the graduating class).

Why is it important?

Graduation rate data is a key measure of success used across the state and nation. Graduation rate data shows the effectiveness of the county’s school system, as well as the ability of its students to enter the work force or continue on to higher education. Graduation rate data should also be supplemented with overall education attainment and unemployment rate. Further research can include examining the school’s graduation procedure and requirements to determine whether differences exist between schools and counties.

County Breakdown

The Esmeralda County School District does not have a high school. High School Students are transported to Nye County and attend Tonopah High School. Graduation information is thus reported as part of the Nye County data.



Figure 35 Esmeralda County vs State Comparison, Cohort Graduation Rates, 2016 to 2022 Accountability Years

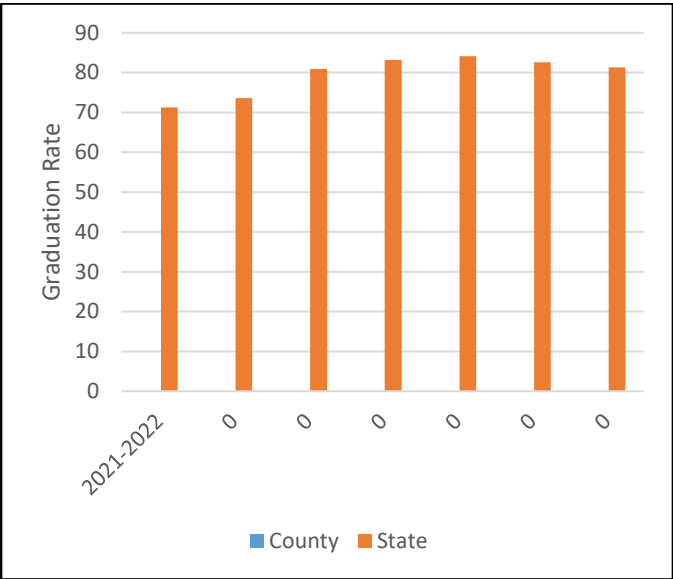


Table 35. Esmeralda County Graduation, 2016 to 2022 Accountability Years

Accountability Year	Graduating Class of	Total Students	Esmeralda Total Graduates	Graduation Rate	Nevada Graduation Rate
2015-2016	2014-2015	-	-	-	71.3
2016-2017	2015-2016	0	0	0	73.6
2017-2018	2016-2017	0	0	0	80.9
2018-2019	2017-2018	0	0	0	83.2
2019-2020	2018-2019	0	0	0	84.1
2020-2021	2019-2020	0	0	0	82.6
2021-2022	2020-2021	0	0	0	81.3

Source: NevadaReportCard.com

The accountability year refers to the preceding year’s graduation class.

The symbol ‘-’ indicates data not presented for groups less than ten, suppressed due to FERPA regulations.

Due to summation of FERPA regulated groups, all numbers may not add up.

\*Graduation rate is reported as a ‘Cohort Graduation Rate’. Please see the glossary in Appendix A for definition.

## Per Pupil Expenditures

### Definition

Per pupil expenditures is the average amount of money spent on each student in the school district annually.

### Why is it important?

Per pupil expenditure data better allows administrators and decision makers to conclude whether a certain dollar amount is being well-spent. A high per pupil expenditure paired with a high graduation rate is a likely indicator for well-planned government spending. Along the same lines, a high per pupil expenditure rate for a county compared to the state as a whole is a good indicator only if other factors such as class size and, again, graduation rate, are up to par. The divisions of instruction, support, operations, and leadership help identify strengths and weaknesses of said components. For accuracy, this data should be paired with graduation rate and class sizes.

Figure 36 Esmeralda County vs State Comparison, Per Pupil Total Expenditures, 2010 to 2019 Accountability Years

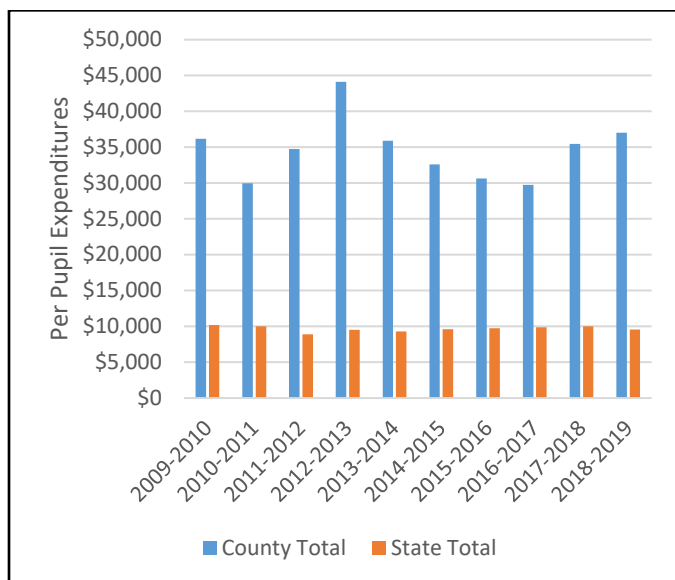
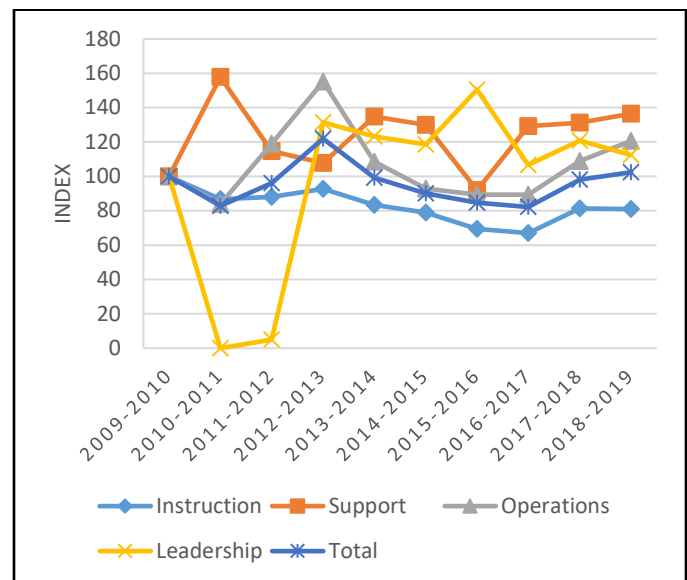


Figure 37 Esmeralda County Per Pupil Expenditures, 2010 to 2019 Accountability Years, Index 2010 = 100



### County Breakdown

Per pupil expenditures are relatively high for Esmeralda county. In 2019, average expenditure per student is \$37,039, and this is an increase from the \$29,960 in 2011. Compare Nevada's per pupil expenditures which are below \$10,000 for every year between 2013 and 2019. The category of expenditure that increased the most between 2011 and 2019 was Operations. In 2012, \$12,472 per student was being spent, but by 2019, this had become \$17,949 per student. Similarly, money for Leadership increased. Instruction and support decreased, but total expenditure has remained high for every category throughout the time period

Table 36 Esmeralda County Per Pupil Expenditures, 2011 to 2019 Selected Accountability Years

Accountability Year	Instruction	Support	Esmeralda Operations	Leadership	Total Expenditure	Nevada Total Expenditure
2010-2011	\$14,620	\$2,868	\$12,472	\$0	\$29,960	\$10,020
2012-2013	\$15,615	\$1,958	\$23,071	\$3,469	\$44,113	\$9,521
2014-2015	\$13,306	\$2,360	\$13,803	\$3,129	\$32,599	\$9,608
2016-2017	\$11,288	\$2,349	\$13,276	\$2,816	\$29,730	\$9,890
2018-2019	\$13,643	\$2,480	\$17,949	\$2,965	\$37,039	\$9,573

Source: NevadaReportCard.com

All amounts shown are in 2021 dollars.





# Economic Characteristics

This section includes measures of household and family income, unemployment, labor force, total jobs, per capita income, and personal income totals.

This section also goes into detail on the jobs and earnings by the two-digit NAICS codes (for industry) and SOC codes (for occupations.)

Signs of economic wellbeing, employment and unemployment, inflow and outflow, income trends, county business output, and underprivileged instances, are all key in mapping out programs, reshaping business models, or, for individuals, even developing a career path.



## Economic Characteristics

Data in this section is sourced from:

- Economic Modeling Specialists International
- Nevada Department of Employment, Training, and Rehabilitation
- US Bureau of Economic Analysis
- US Census Bureau
  - American Community Survey
  - American Fact Finder
  - OnTheMap

### This Section Contains:

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## County Breakdown

### Household and Family Income:

Between 2010 and 2020, Esmeralda mean and median household income decreased. In 2010, median household income was \$47,914 and mean household income was \$73,820. By 2020, the former had decreased to \$33,079 and the latter to \$46,549.

Like household income, family income in Esmeralda has decreased between 2010 and 2020. Family income has decreased at a higher rate than household income: median family income has decreased 12.6% and mean income has decreased 28.3%.

### Unemployment and Labor Force:

Between 2010 and 2020, unemployment in Esmeralda has decreased. All years except 2016, 2018 and 2020 show a decrease. The largest decrease occurs in 2013, where the unemployment went from 6.9% to 4.8%.

Between 2010 and 2020, Esmeralda labor force and labor force participation has seen a lot of change up and down. In 2010, labor force was at 414. For a few years it increased, until in 2013 it peaked at 543 positions.

### Industry:

In Esmeralda, many industries have undergone change between 2010 and 2020. It is hard for data to tell of industries that report less than 10 jobs.

### Occupation:

In data that was not suppressed (see below the table), most occupation types show increases of Esmeralda jobs. Between 2014 and 2020, jobs increased for Management; Education, Training, and Library; Building/Grounds Cleaning; Farming.

### Commuter Inflow/Outflow:

Commuting inflow and outflow saw a lot of fluctuation from 2010 to 2021. Inbound commuters in 2010 was 183 people and in 2021 resulted in 81 people.

### Per Capita and Personal Income:

Between 2010 and 2020, Esmeralda per capita income has decreased substantially, by 42.2%. In 2010 per capita income was \$41.7k and by 2020 per capita income was \$24,091.

### Gross Regional Product:

In Esmeralda, exports are higher than imports, meaning more money is coming into the county as compared to goods and services. Exports of \$88.4 million are higher than imports of \$83.6 million,

## Household Income

### Definition

Household Income is measured by the combined income of everyone who lives in the residence.

### Why is it important?

Household income informs the decision maker of employment status, livelihood, and occupancy of residents in the area. Assistance programs rely on household data for distribution of funds. When utilized with GIS mapping technology, household data allows interested parties to identify segments of the community and proceed with planning businesses or government projects. This data should be cross-referenced with jobs by industry and occupation to provide further knowledge on the typical community individual.

### County Breakdown

Between 2010 and 2020, Esmeralda mean and median household income decreased. In 2010, median household income was \$47,914 and mean household income was \$73,820. By 2020, the former had decreased to \$33,079 and the latter to \$46,549. Household median income also dropped for Nevada, but at a lesser rate. Although average Esmeralda household income has decreased, households that had previously received less are now receiving more.

Table 37. Esmeralda County Median and Mean Household Income, 2010 to 2020

Year	Esmeralda Median	Esmeralda Mean	Nevada Median	Nevada Mean
2010	\$47,914	\$73,820	\$67,235	\$87,006
2012	\$31,768	\$51,598	\$62,477	\$81,760
2014	\$35,400	\$48,447	\$58,616	\$77,868
2016	\$47,835	\$54,978	\$58,893	\$78,593
2018	\$42,661	\$53,351	\$61,429	\$82,462
2020	\$33,079	\$46,549	\$64,448	\$87,619

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys. Median and mean income are shown in 2021 dollars.

Figure 38 Esmeralda County vs State Comparison, Median and Mean Household Income, 2010 to 2020

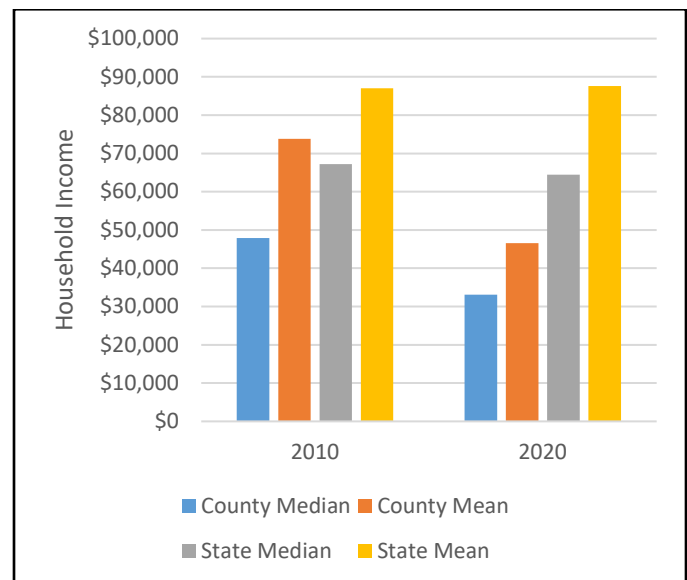


Table 38. Esmeralda County Household Income Distribution, 2010 to 2020

Year	Less than \$10,000	\$10,000 - \$14,999	\$15,000 - \$24,999	\$25,000 - \$34,999	\$35,000 - \$49,999	\$50,000 - \$74,999	\$75,000 - \$99,999	\$100,000 - \$149,999	\$150,000 or more
2010	10.1%	8.7%	17.6%	11.4%	10.8%	17.8%	6.7%	8.9%	8.1%
2012	16.5%	10.3%	18.9%	12.6%	9.1%	19.5%	4.7%	5.4%	2.9%
2014	11.6%	8.6%	21.2%	10.5%	12.8%	20.1%	4.5%	9.9%	0.9%
2016	3.1%	3.1%	22.0%	15.0%	15.6%	24.0%	6.6%	9.7%	0.9%
2018	0.0%	6.2%	23.8%	13.7%	17.0%	20.5%	8.6%	9.5%	0.9%
2020	15.1%	6.4%	16.7%	19.2%	10.5%	10.5%	10.7%	8.9%	1.9%

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys.

## Family Income

### Definition

The sum of the income of all family members 15 years and older living in the household. Families are groups of two or more people (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such people (including related subfamily members) are considered as members of one family.

### Why is it important?

Family data can help determine needs for children and lower income families in general. This can include support at school in the form of paid or assisted lunch. It can also include grants to underprivileged individuals.

### County Breakdown

Like household income, family income in Esmeralda has decreased between 2010 and 2020. Family income has decreased at a higher rate than household income: median family income has decreased 12.6% and mean income has decreased 28.3%. Unlike household income, the three latest reporting years show that family income is on the rise from its low point in 2014. This is the case for Esmeralda, while Nevada shows increases for the two latest reporting years. Huge decreases in family income were seen in 2012 and 2014. Families earning less than \$10,000 were not present in Esmeralda in 2010.

Table 39. Esmeralda County Median/Mean Family Income, 2010 to 2020

Year	Esmeralda Median	Esmeralda Mean	Nevada Median	Nevada Mean
2010	\$69,125	\$96,274	\$77,723	\$97,596
2012	\$63,176	\$60,870	\$72,534	\$91,881
2014	\$47,209	\$57,670	\$68,582	\$87,917
2016	\$48,452	\$61,235	\$69,357	\$89,482
2018	\$48,438	\$63,188	\$73,270	\$94,682
2020	\$60,378	\$69,000	\$76,948	\$100,273

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys. Median and mean income are shown in 2021 dollars.

Figure 39. Esmeralda County vs State Comparison, Family Median and Mean Income, 2010 to 2020, Index 2010 = 100

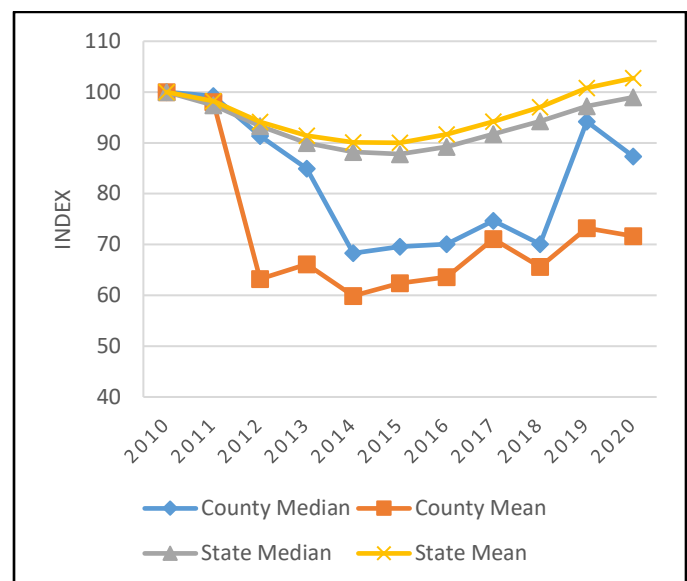


Table 40. Esmeralda County Family Income Distribution, 2010 to 2020

Year	Less than \$10,000	\$10,000 - \$14,999	\$15,000 - \$24,999	\$25,000 - \$34,999	\$35,000 - \$49,999	\$50,000 - \$74,999	\$75,000 - \$99,999	\$100,000 - \$149,999	\$150,000 or more
2010	0.0%	0.0%	12.9%	11.6%	7.6%	33.5%	15.2%	10.3%	8.9%
2012	3.8%	4.2%	14.6%	21.1%	4.7%	29.6%	11.3%	10.8%	0.0%
2014	6.2%	4.5%	12.8%	15.7%	20.7%	16.1%	7.4%	16.5%	0.0%
2016	1.3%	2.6%	17.6%	15.0%	19.7%	19.3%	7.7%	16.7%	0.0%
2018	0.0%	0.0%	18.2%	9.6%	27.8%	12.4%	15.8%	16.3%	0.0%
2020	3.4%	0.0%	7.2%	19.7%	17.8%	9.6%	20.2%	18.3%	3.8%

Source: US Census Bureau/American Fact Finder. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2013-2017 American Community Surveys.



## Unemployment

### Definition

The unemployment rate represents the number of unemployed people as a percentage of the civilian labor force. All civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the reference week, and (2) were actively looking for work during the last 4 weeks, and (3) were available to accept a job. Also included as unemployed are civilians who did not work at all during the reference week, were waiting to be called back to a job from which they had been laid off and were available for work except for temporary illness.

### Why is it important?

It is a clear indicator of the health of an economy. A high unemployment rate is usually a sign of a weaker economy with a lack of business and development that would otherwise support its citizens. At the same time, a high unemployment rate does *not* indicate a lack of participating individuals, because only those who are actively seeking employment are measured. For a further explanation on labor force impacts, see the next page. A low unemployment rate indicates the flow of money, the exchange of goods, and general growth and prosperity. It is important to emphasize general trends rather than spikes.

Table 41. Esmeralda County Unemployment, 2010 to 2020

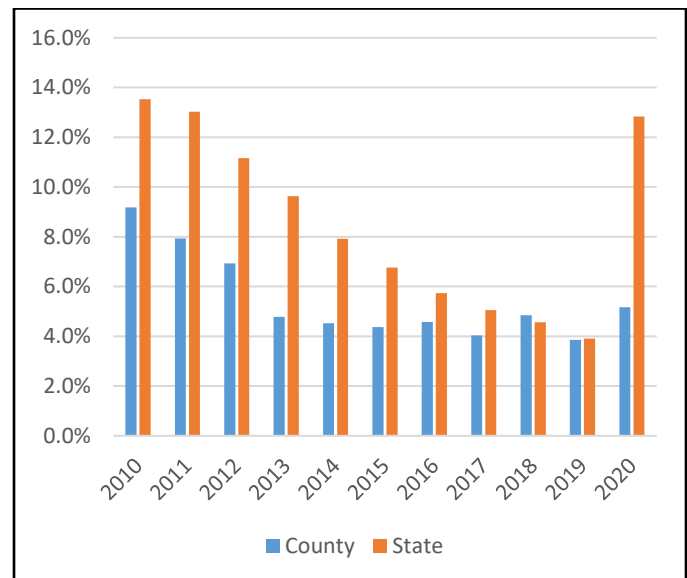
Year	Esmeralda Unemployment	Nevada Unemployment
2010	9.2%	13.5%
2011	7.9%	13.0%
2012	6.9%	11.2%
2013	4.8%	9.6%
2014	4.5%	7.9%
2015	4.4%	6.8%
2016	4.6%	5.7%
2017	4.0%	5.1%
2018	4.8%	4.6%
2019	3.9%	3.9%
2020	5.2%	12.8%

Source: Nevada Department of Employment, Training and Rehabilitation (DETR)

### County Breakdown

Between 2010 and 2020, unemployment in Esmeralda has decreased. All years except 2016, 2018 and 2020 show a decrease. The largest decrease occurs in 2013, where the unemployment went from 6.9% to 4.8%. This was a 30% decrease, and in fact, the two years leading up to this decrease are the second and third largest decreases in the time period. In other words, the largest decreases happen in the early years between 2010 and 2013, while the more minor decreases (and the three increase) happen between 2014 and 2018. In spite of these decreases in unemployment, the most recent reporting year (2020) shows an increase to unemployment.

Figure 40. Esmeralda County vs State Comparison, Unemployment Rate, 2010 to 2020



## Labor Force

### Definition

The labor force represents the proportion of those who are in employment or seeking employment (unemployed). It does not factor in people who are not seeking employment.

### Why is it important?

The labor force is an indicator for economic activity or lethargy. For income, individuals who are not participating in the labor force might live with family, live off savings, or engage in social welfare programs. Thus, a labor force participation rate is key in identifying the relationship between people and the money that flows in the county. A low labor force participation rate might also indicate a higher retirement community.

### County Breakdown

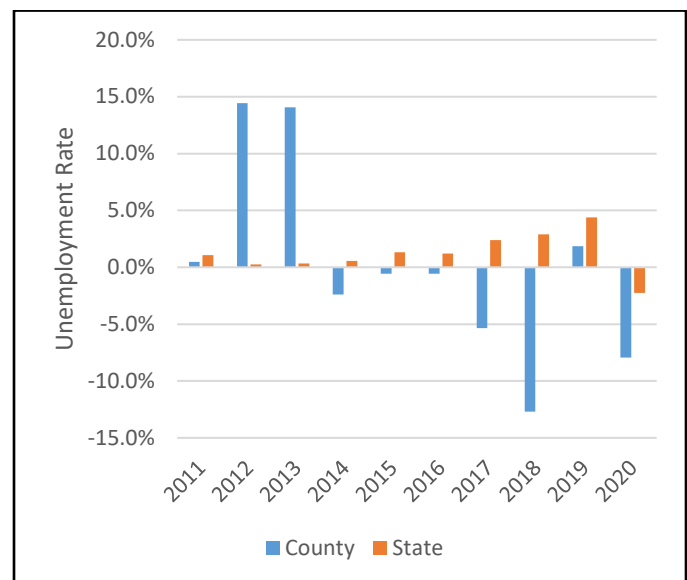
Between 2010 and 2020, Esmeralda labor force and labor force participation has seen a lot of change up and down. In 2010, labor force was at 414. For a few years it increased, until in 2013 it peaked at 543 positions. This is 129 job increase in labor force participation for the county from 2010 to 2020. However, in 2017, labor force participation suddenly decreased in Esmeralda, to 406 positions. Nevada labor force participation has meanwhile decreased gradually, from a 1.1% increase to a 2.3% decrease in 2020. So, although Nevada labor force participation has also decreased overall, like Esmeralda's, the way in which the separate regions decreased is different.

Table 42. Esmeralda County Labor Force, 2010 to 2020

Year	Esmeralda Labor Force	Nevada Labor Force	Esmeralda Annual Change	Nevada Annual Change
2010	414	1,358,580		
2011	416	1,373,117	0.5%	1.1%
2012	476	1,376,384	14.4%	0.2%
2013	543	1,381,160	14.1%	0.3%
2014	530	1,388,771	-2.4%	0.6%
2015	527	1,407,273	-0.6%	1.3%
2016	524	1,424,145	-0.6%	1.2%
2017	496	1,458,347	-5.3%	2.4%
2018	433	1,500,379	-12.7%	2.9%
2019	441	1,566,381	1.8%	4.4%
2020	406	1,530,873	-7.9%	-2.3%

Source: Nevada Department of Employment, Training and Rehabilitation (DETR)

Figure 41. Esmeralda County vs State Comparison, Labor Force Annual Change, 2011 to 2020



## Total Jobs

### Definition

A job is any position in which a worker provides labor in exchange for monetary compensation. This includes those who work as employees for businesses (a.k.a. “wage and salary” employees) and proprietors who work for themselves.

Total jobs refer to the number of jobs located in the county.

### Why is it important?

Jobs act as an economic baseline indicator for the activity in a community. Jobs indicate money for the individuals and also money for the community, assuming employed individuals are living in the county and there are establishments in the county whereat they can spend their money. While total jobs is a necessary reference point, jobs by industry, jobs by occupation, average earnings, and employment inflow/outflow should all be consulted in order to get an accurate picture for any type of development or future projects.

### County Breakdown

Total Esmeralda jobs increased between 2010 and 2020. Jobs increased the most between 2011 and 2013, increasing 5% and 19% for back to back years. In 2014, however, total jobs began to decrease. Between 2014 and 2018, total jobs decreased every year. The highest decrease occurs in 2018, at -15.7%. Meanwhile total jobs in Nevada has steadily increased in the time period at a 2% or 3% rate each year. As a reminder it is worth comparing these numbers to unemployment and labor force participation.



Figure 42. Esmeralda County Total Jobs, 2010 to 2021

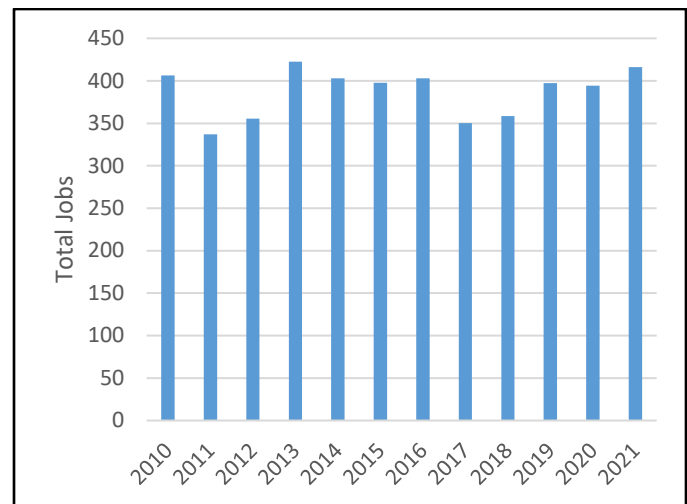
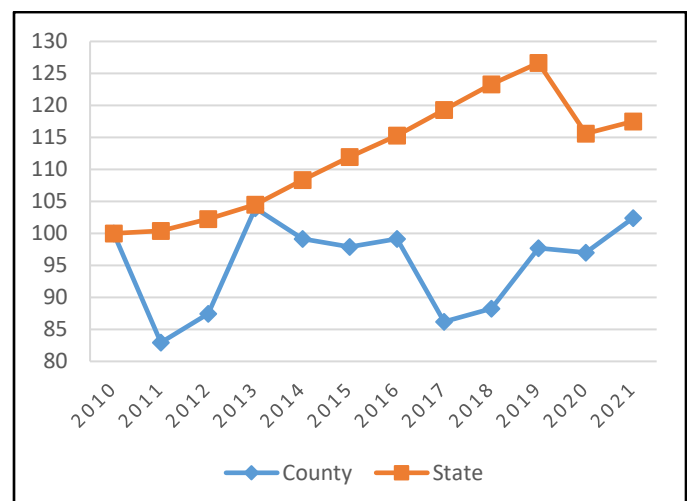


Table 43 Esmeralda County Total Jobs, 2010 to 2021

Year	Esmeralda Total Jobs	Nevada Total Jobs
2010	406	1,228,521
2011	337	1,233,316
2012	355	1,255,940
2013	422	1,283,927
2014	403	1,331,350
2015	398	1,375,190
2016	403	1,416,815
2017	350	1,465,501
2018	359	1,514,988
2019	397	1,555,766
2020	394	1,420,265
2021	416	1,443,840

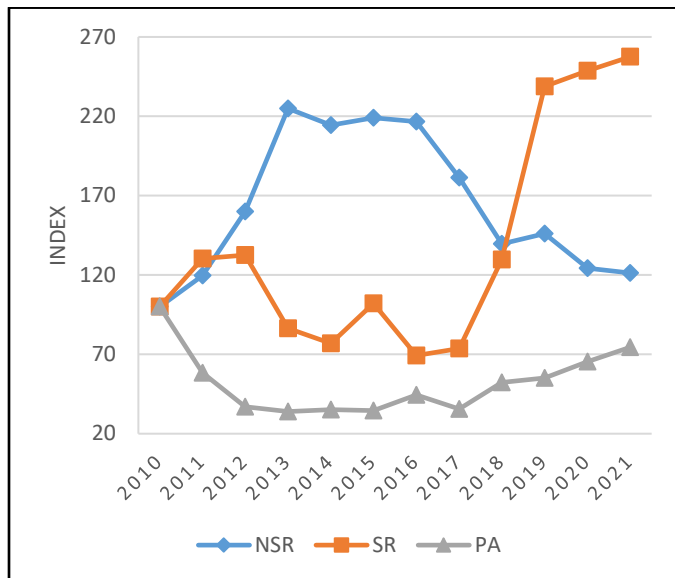
Source: Emsi Burning Glass 2022.1 For those industries where job data was suppressed, '<10' shows instead of a specific amount.

Figure 43. Esmeralda County vs State, Total Jobs, 2010 to 2021, Index 2010 = 100



## Jobs by Industry

Figure 44 Esmeralda County Total Jobs by Industry by Major Industry Type, 2010 to 2021. Index: 2010 = 100



### Definition

An industry is a group of businesses that produce a product or provide a service. Listed here is the total amount of county jobs in each industry.

### Why is it important?

Jobs by industry data indicates sector trends that help give a visual to the type of community or county, and how employees and businesses can adjust.

### County Breakdown

In Esmeralda, many industries have undergone change between 2010 and 2020. It is hard for data to tell of industries that report less than 10 jobs, but the following certainly increased in jobs: Ag, Forestry, Fishing and Hunting; Mining, Quarry, Oil/Gas Extraction; Construction; Utilities (from 0); Manufacturing; Administrative and Support; Other Services. The following industries decreased in jobs: Retail Trade; Information; Finance and Insurance; Government, Public Admin.

Table 44. Esmeralda County Jobs by Industry, 2010 and 2021

NAICS 2-Digit Code	Type*	Esmeralda		Nevada	
		2010	2021	2010	2021
11: Ag, Forestry, Fishing and Hunting	NSR	24	34	4,276	6,906
21: Mining, Quarry, Oil/Gas Extraction	NSR	75	86	12,338	15,021
22: Utilities	SR	0	<10	4,323	4,064
23: Construction	NSR	25	31	69,573	106,313
31: Manufacturing	NSR	<10	<10	39,633	60,079
42: Wholesale Trade	SR	<10	0	34,155	37,396
44: Retail Trade	SR	21	12	133,044	152,036
48: Transportation, Warehousing	SR	<10	<10	47,811	88,362
51: Information	SR	<10	0	13,764	15,535
52: Finance and Insurance	SR	0	0	35,387	42,833
53: Real Estate and Rental and Leasing	SR	0	0	27,212	32,698
54: Professional, Scientific, Tech Services	SR	<10	39	56,604	75,483
55: Mgmt. of Companies/Enterprises	SR	0	0	18,290	23,851
56: Administrative and Support	SR	<10	11	79,298	99,981
61: Educational Services	SR	0	<10	12,333	16,677
62: Health Care and Social Assistance	SR	0	0	98,934	139,109
71: Arts, Entertainment, and Recreation	SR	0	0	30,960	34,167
72: Accommodation, Food Services	SR	14	<10	286,042	234,078
81: Other Services (except Public Admin)	SR	<10	27	52,833	63,106
90: Government, Public Admin	PA	206	154	171,021	179,845
99: Unclassified Industry	-	<10	<10	690	16,300

Source: Emsi Burning Glass 2022.1

For those industries where job data was suppressed, '<10' shows instead of a specific amount.

\*Type of industry is broken into three categories. NSR: Non-Services Related; SR: Services Related; PA: Public Administration.



## Average Earnings per Worker by Industry

### Definition

Earnings includes wage or salary income, net income (gross receipts minus expenses) from nonfarm and farm self-employment, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses. Earnings represent the amount of income received regularly before deductions for personal income taxes, Social Security, bond purchases, union dues, Medicare deductions, etc. These earnings are reported per worker by industry, as compared to per worker by occupation.

### Why is it important?

Average Earnings by Industry data is useful for employers and employees gauging the landscape and looking for shifts in the industry that might affect how they proceed with their business or career. Employers can shape their business models around the earnings numbers, while employees can use the numbers as a baseline or leverage point. Furthermore, decision makers get a better sense of which subsectors are getting paid more or less than the industry average. An increase in average earnings signals a demand. A consistent increase in average earnings signals an even stronger demand, one that has perhaps not yet been met.

Table 45 Esmeralda County Average Earnings per Worker by 2-Digit NAICS, 2021

2021	Esmeralda	Nevada
<b>11: Ag, Forestry, Fish, Hunting</b>	\$37,671	\$46,913
<b>21: Mining, Quarry, Oil/Gas</b>	\$90,490	\$121,597
<b>22: Utilities</b>	-	\$168,561
<b>23: Construction</b>	\$41,254	\$77,575
<b>31: Manufacturing</b>	-	\$86,496
<b>42: Wholesale Trade</b>	\$0	\$97,417
<b>44: Retail Trade</b>	\$24,216	\$44,583
<b>48: Transportation, Warehouses</b>	-	\$60,034
<b>51: Information</b>	\$0	\$126,074
<b>52: Finance and Insurance</b>	\$0	\$115,026
<b>53: Real Estate, Rental, Leasing</b>	\$0	\$66,003
<b>54: Professional, Scientific, Tech</b>	\$71,913	\$94,189
<b>55: Management of Companies</b>	\$0	\$172,769
<b>56: Administrative and Support</b>	\$26,224	\$46,719
<b>61: Educational Services</b>	-	\$49,717
<b>62: Health Care, Social Assist.</b>	\$0	\$72,018
<b>71: Arts, Entertainment, Rec.</b>	\$0	\$53,584
<b>72: Accommodation, Food Svcs.</b>	-	\$38,971
<b>81: Other Services</b>	\$27,467	\$37,234
<b>90: Government, Public Admin</b>	\$88,507	\$86,683
<b>99: Unclassified Industry</b>	-	\$95,921

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, '-' shows instead of a dollar amount.

Data is shown in 2021 dollars

Table 46 Esmeralda County Average Earnings per Worker, 2010 to 2021

Year	Esmeralda Average Earnings per Worker	Nevada Average Earnings per Worker
<b>2010</b>	\$74,934	\$62,329
<b>2011</b>	\$70,050	\$60,733
<b>2012</b>	\$71,164	\$60,517
<b>2013</b>	\$74,440	\$59,922
<b>2014</b>	\$78,891	\$60,803
<b>2015</b>	\$77,564	\$61,963
<b>2016</b>	\$77,645	\$62,957
<b>2017</b>	\$73,939	\$62,976
<b>2018</b>	\$72,565	\$63,604
<b>2019</b>	\$72,532	\$64,662
<b>2020</b>	\$71,752	\$69,292
<b>2021</b>	\$70,185	\$68,050

Source: Emsi Burning Glass 2022.1

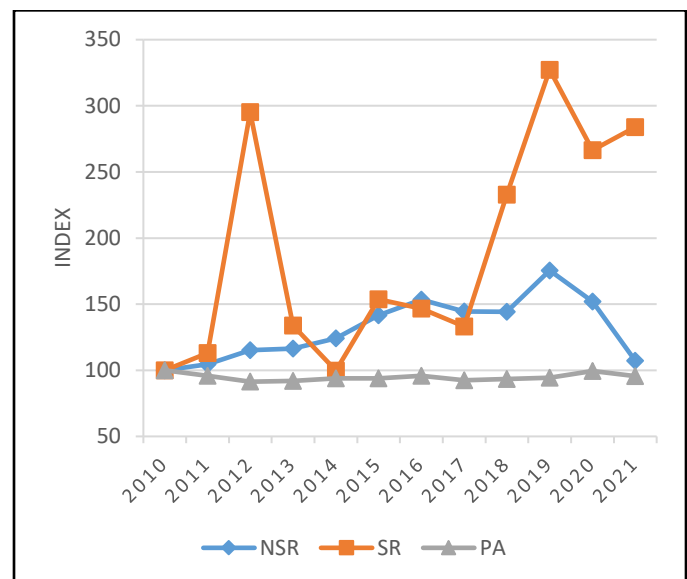
For those industries where data was suppressed, '-' shows instead of a dollar amount.

Data is shown in 2021 dollars

### County Breakdown

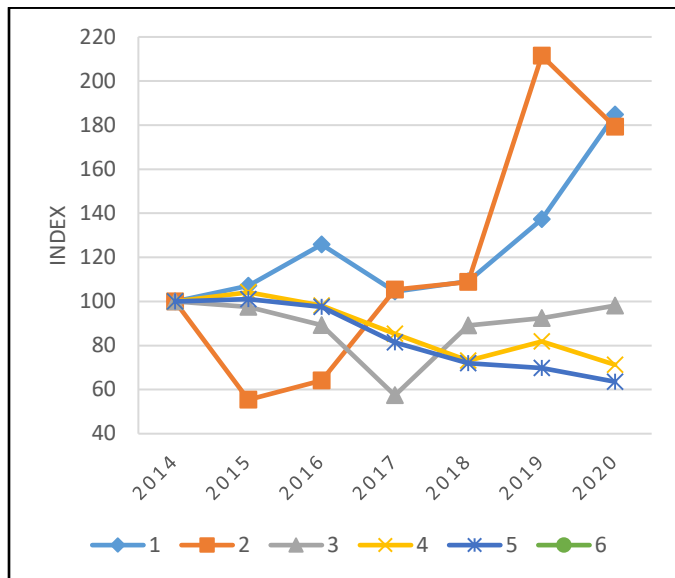
In Esmeralda, average earnings per worker has decreased between 2010 and 2020. In 2010 average earnings was \$74,934. By 2020, this had become \$70,185. This is a 6.3% decrease, while Nevada's average earnings has increased by 9.2%. Peak average earnings for Esmeralda was in 2014, at \$78,891. Workers in almost all industries earn less in Esmeralda than in Nevada.

Figure 45. Esmeralda County Average Earnings per Worker by Major Industry Type, 2010 to 2021, Index 2010 = 100



## Jobs by Occupation

Figure 46 Esmeralda County Total Jobs by Occupation by Major Occupation Type, 2014 to 2020. Index: 2014 = 100



### Definition

An occupation describes the kind of work the person does on the job. For those who worked at two or more jobs, the data refers to the job which the person worked the most hours.

### Why is it important?

Jobs by occupation data outlines job availability, need, and demand. This data indicates sector trends that then suggest general wellbeing. Occupation data shows employees the accessibility, and businesses the best way to fit employment plans into their business models.

### County Breakdown

In data that was not suppressed (see below the table), most occupation types show increases of Esmeralda jobs. Between 2014 and 2020, jobs increased for Management; Education, Training, and Library; Building/Grounds Cleaning; Farming.

Table 47. Esmeralda County Jobs by Occupation Code, 2014 to 2020

SOC 2-Digit Code	Type*	Esmeralda		Nevada	
		2014	2020	2014	2020
11-Management	1	20	28	66,542	81,891
13-Business and Financial Operations	1	<10	<10	47,443	63,998
15-Computer and Mathematical	1	<10	<10	18,867	24,741
17-Architecture and Engineering	1	14	12	12,435	16,735
19-Life, Physical, and Social Science	1	15	18	9,465	10,996
21-Community and Social Service	1	<10	<10	12,775	16,332
23-Legal	1	<10	<10	9,254	9,793
25-Education, Training, and Library	1	<10	34	53,580	56,200
27-Arts, Design, Entertain, Sports, Media	1	<10	<10	25,529	26,462
29-Healthcare Practitioners and Tech	1	<10	<10	52,244	73,133
31-Healthcare Support	2	<10	<10	39,998	47,579
33-Protective Service	2	16	22	40,850	40,985
35-Food Preparation and Serving Related	2	11	<10	169,329	147,370
37-Building/Grounds Cleaning, Maint.	2	<10	16	81,492	66,739
39-Personal Care and Service	2	<10	10	73,370	65,585
41-Sales and Related	3	14	13	144,930	146,028
43-Office and Administrative Support	3	33	33	180,890	183,115
45-Farming, Fishing, and Forestry	4	<10	14	2,592	4,678
47-Construction and Extraction	4	116	72	64,644	90,242
49-Installation, Maintenance, and Repair	4	51	33	52,440	56,044
51-Production	5	36	21	50,038	52,106
53-Transportation and Material Moving	5	35	24	113,340	129,189
55-Military	6	<10	<10	9,304	10,323
99-Unclassified	-	0	0	0	0

Source: Emsi Burning Glass 2022.1

For those occupations where job data was suppressed, '<10' shows instead of a specific amount.

\*Type has six categories: 1. Management, Business, Science, Arts; 2. Service; 3. Sales and Office; 4. Natural Resources, Construction, Maintenance; 5. Production, Transportation, Material Moving; 6. Military Specific

## Average Earnings per Worker by Occupation

### County Breakdown

In 2020, out of the Esmeralda occupations that report average hourly earnings (which are different than occupations that have total jobs), most of them report higher average hourly earnings than their Nevada counterparts. In Esmeralda, the occupations that do report higher average hourly earnings than Nevada occupations are: Education, Training, Library; Office and Admin. Support; Construction and Extraction; Installation, Maint., Repair; Production; and Transport and Material Moving.

Table 48. Esmeralda County Avg. Hourly Earnings by Occupation, 2020

	Esmeralda	Nevada
<b>11-Management</b>	\$38.53	\$51.25
<b>13-Business/Financial Operations</b>	Insf. Data	\$35.15
<b>15-Computer and Mathematical</b>	Insf. Data	\$39.78
<b>17-Architecture and Engineering</b>	\$39.60	\$39.99
<b>19-Life, Physical, Social Science</b>	\$29.60	\$34.51
<b>21-Community and Social Service</b>	Insf. Data	\$27.71
<b>23-Legal</b>	Insf. Data	\$53.31
<b>25-Education, Training, Library</b>	\$29.06	\$25.85
<b>27-Arts, Design, Entertainment, Sports, Media</b>	Insf. Data	\$29.80
<b>29-Healthcare Practitioners Tech</b>	Insf. Data	\$45.71
<b>31-Healthcare Support</b>	Insf. Data	\$15.80
<b>33-Protective Service</b>	\$29.89	\$23.48
<b>35-Food Preparation and Serving</b>	Insf. Data	\$13.31
<b>37-Building/Grounds Cleaning, Maint.</b>	\$15.91	\$16.17
<b>39-Personal Care and Service</b>	\$17.78	\$14.94
<b>41-Sales and Related</b>	\$19.43	\$20.75
<b>43-Office and Admin. Support</b>	\$19.90	\$18.95
<b>45-Farming, Fishing, Forestry</b>	\$15.76	\$15.80
<b>47-Construction and Extraction</b>	\$24.63	\$26.32
<b>49-Installation, Maint., Repair</b>	\$25.48	\$25.70
<b>51-Production</b>	\$25.08	\$19.30
<b>53-Transport., Material Moving</b>	\$20.91	\$19.94
<b>55-Military</b>	Insf. Data	\$26.82
<b>99-Unclassified</b>	\$0.00	\$0.00
<b>Average Through all Occupations</b>	\$26.55	\$24.66

Source: Emsi Burning Glass 2022.1

For those occupations where data was suppressed, '-' shows instead of a specific amount.

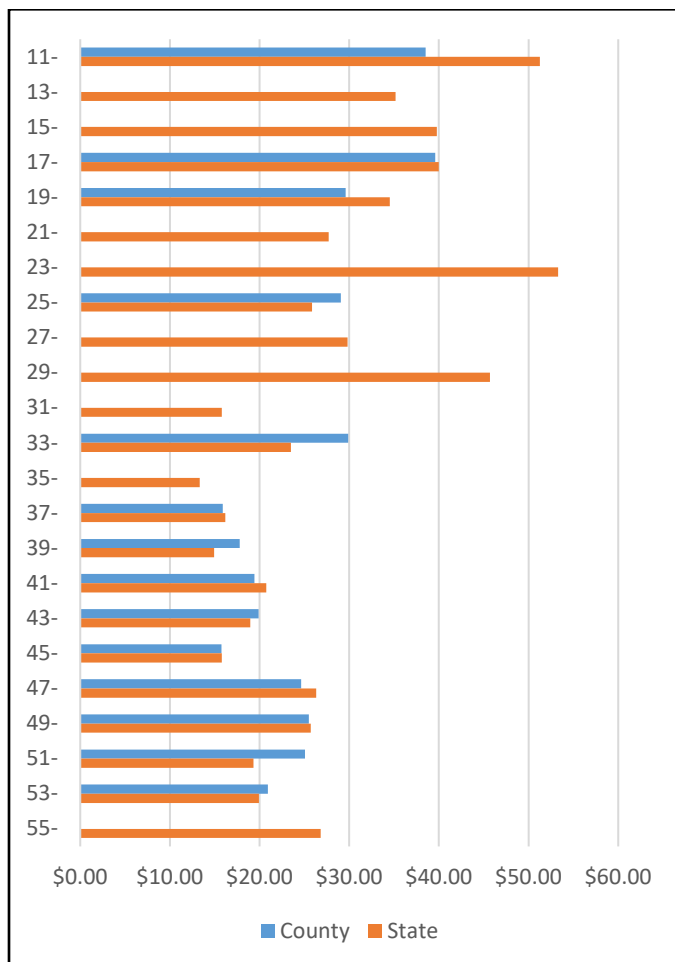
### Definition

Earnings includes wage or salary income (in the case of occupation, wages), net income (gross receipts minus expenses) from nonfarm and farm self-employment, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses. Earnings represent the amount of income received regularly before deductions for personal income taxes, Social Security, bond purchases, union dues, Medicare deductions, etc. These earnings are reported per worker by occupation, as compared to per worker by industry.

### Why is it important?

Average Earnings by Occupation data is useful for employers and employees gauging the landscape and looking for shifts in the industry that might affect how they proceed with their business or career. Employers can shape their business models around the earnings numbers, and employees can use the numbers as a reference or leverage point.

Figure 47 Esmeralda County vs State Comparison, Average Hourly Earnings, 2020



## Commuting Inflow and Outflow

### Definition

Employee Inflow/Outflow compares where individuals live and where individuals work in relation to the county. This page measures the Inflow (those people living in another county but working in this one) and Outflow (those living in this county but working in another.) Net commuters shows the difference between inbound and outbound. This data shows average daily commuters.

Table 49. Esmeralda County Commuter Inflow and Outflow, 2010 to 2021

Year	Inbound Commuters	Outbound Commuters	Net Commuters
2010	183	31	152
2011	66	217	-151
2012	60	364	-304
2013	77	288	-212
2014	58	271	-213
2015	43	158	-115
2016	51	84	-33
2017	56	111	-55
2018	70	101	-31
2019	87	108	-21
2020	81	107	-26
2021	81	108	-27

Source: Emsi Burning Glass 2022.1

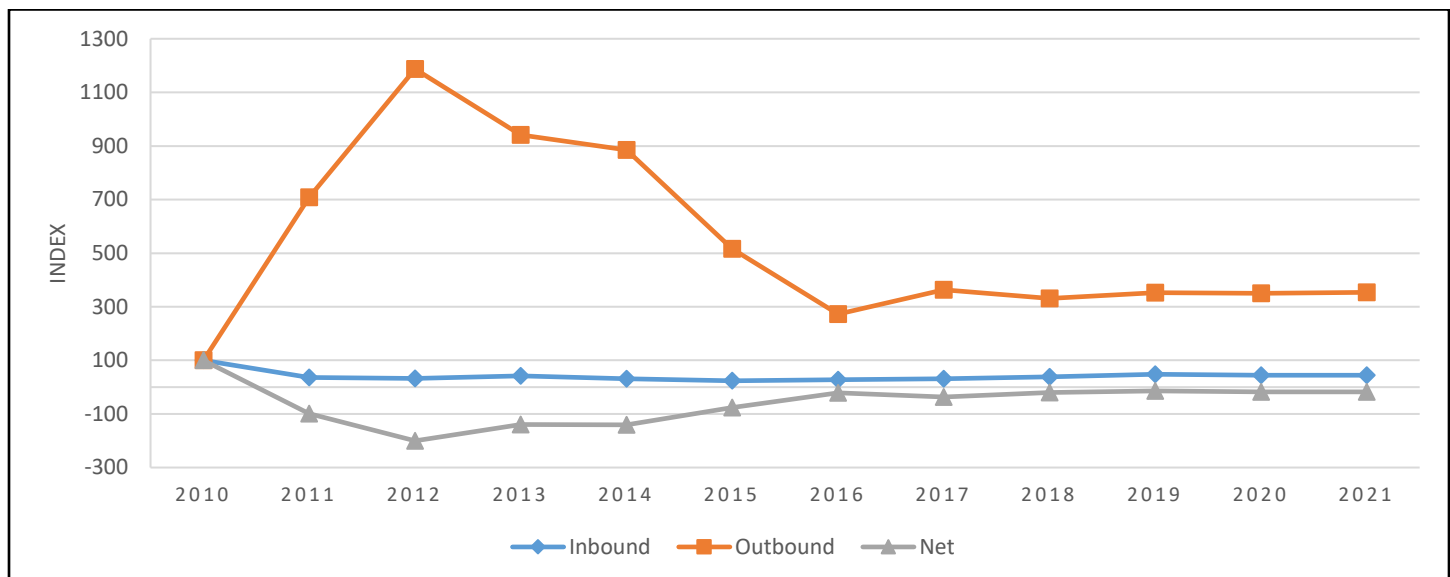
### Why is it important?

Employment Inflow/Outflow data helps visualize how new jobs, projects, and influxes of people are going to impact the community. For example, if a large construction project plans to bring a thousand employees into the county for a two-year period, inflow/outflow data enables decision makers to know how the surrounding area is going to be affected. The data reported in this section outlines the trend pattern, while other economic data in the report is used in conjunction to make necessary adjustments.

### County Breakdown

Commuting inflow and outflow saw a lot of fluctuation from 2010 to 2021. Inbound commuters in 2010 was 183 people and in 2021 resulted in 81 people. Outbound commuters saw 31 commuters in 2010 and then grew to 108 commuters in 2021. Net commuters saw a decrease from 152 commuters in 2010 to -27 commuters in 2021.

Figure 48. Esmeralda County Employment Inflow and Outflow, 2010 to 2021. Index: 2010 = 100





## Per Capita Income

### Definition

Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a region by the total population.

### Why is it important?

Per capita income data represents a community's economic stability and quality of living. A higher per capita income means a higher purchasing power. Consequently, a higher purchasing power means more room for economic growth and expansion. Increased per capita income is roughly a sign of increased wealth. Certain analysts conclude that per capita income is only valid when there is a low amount of wealthy citizens in the community, on the account of outliers distorting the data. Therefore, in order to be as accurate as possible, one should consult household income and family income in conjunction with per capita income.

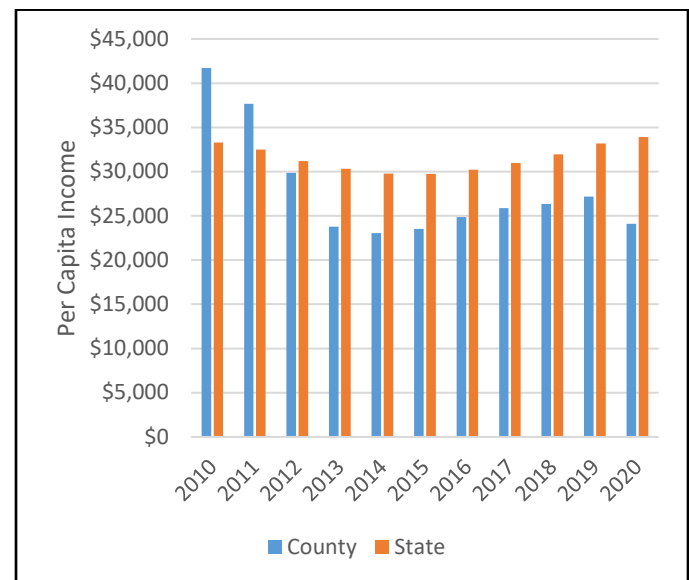
Table 50. Esmeralda County Per Capita Income, 2010 to 2020

Year	Esmeralda Per Capita Income	Nevada Per Capita Income
2010	\$41,711	\$33,287
2012	\$29,857	\$31,194
2014	\$23,032	\$29,771
2016	\$24,863	\$30,229
2018	\$26,357	\$31,954
2020	\$24,091	\$33,894

Source: US Census Bureau/American Community Survey. "DP03: Selected Economic Characteristics" Multiple years: 2006-2010 through 2016-2020 American Community Surveys. Per Capita Income is shown in 2021 dollars.



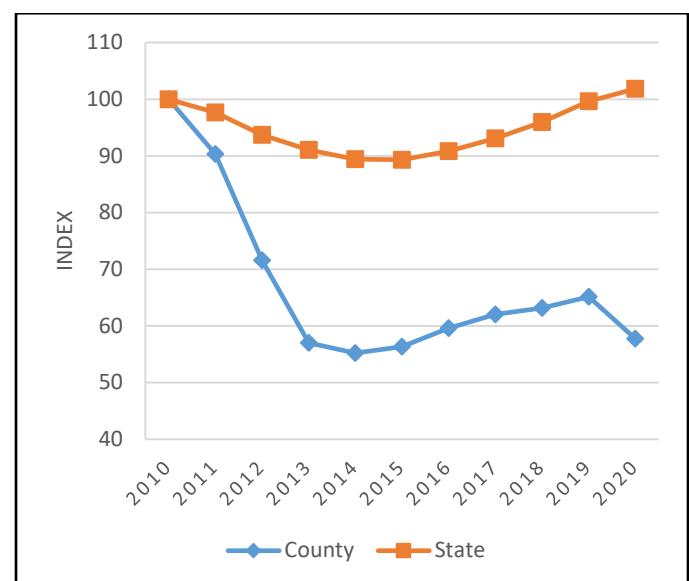
Figure 49. Esmeralda County vs State Comparison, Per Capita Income, 2010 to 2020



### County Breakdown

Between 2010 and 2020, Esmeralda per capita income has decreased substantially, by 42.2%. In 2010 per capita income was \$41.7k and by 2020 per capita income was \$24,091. The majority of the decreasing occurs between 2010 and 2014, until per capita income reaches its low point of \$23.0k. Since 2014, however, per capita income has increased to \$24.1k—still a huge decrease from its original \$41.7k in 2010.

Figure 50. Esmeralda County vs State Comparison, Per Capita Income, 2010 to 2020, Index 2010 = 100



## Personal Income

### Definition

Income received by individuals from all sources. It includes income received from participation in production as well as from government and business transfer payments. For subdivision definitions, please see Appendix A: Glossary.

### Why is it important?

Personal income data shows quality of living alongside signs of economic prosperity. When compared with metrics like poverty, housing, and personal income from other counties and states, personal income can be used to better assess levels of distribution. While the upmost level measure of personal income can be used to know the year-to-year trends of increased or decreased overall cash flow, the metrics to note are the subdivisions. An increase in earnings by place of work might mean job satisfaction or economic fulfillment. Since changes are accounted for inflation, increases in government social insurance contribution could mean social reform or a higher involvement on the part of employers instituting employee payment plans.

Table 51. Esmeralda County Personal Income, 2010 and 2020

	2010	2020
<b>Personal Income*</b>	\$37,483	\$39,539
<b>Earnings by place of work*</b>	\$19,536	\$17,073
<b>Contributions for gov't social insurance*</b>	\$1,838	\$2,117
<b>Employee/self-employed contributions*</b>	\$1,145	\$1,243
<b>Employer contributions*</b>	\$693	\$874
<b>Adjustment for residence*</b>	\$3,065	\$4,512
<b>Net earnings by place of residence</b>	\$20,763	\$19,468
<b>Dividends, interest, and rent*</b>	\$7,232	\$7,032
<b>Personal current transfer receipts*</b>	\$9,488	\$13,038

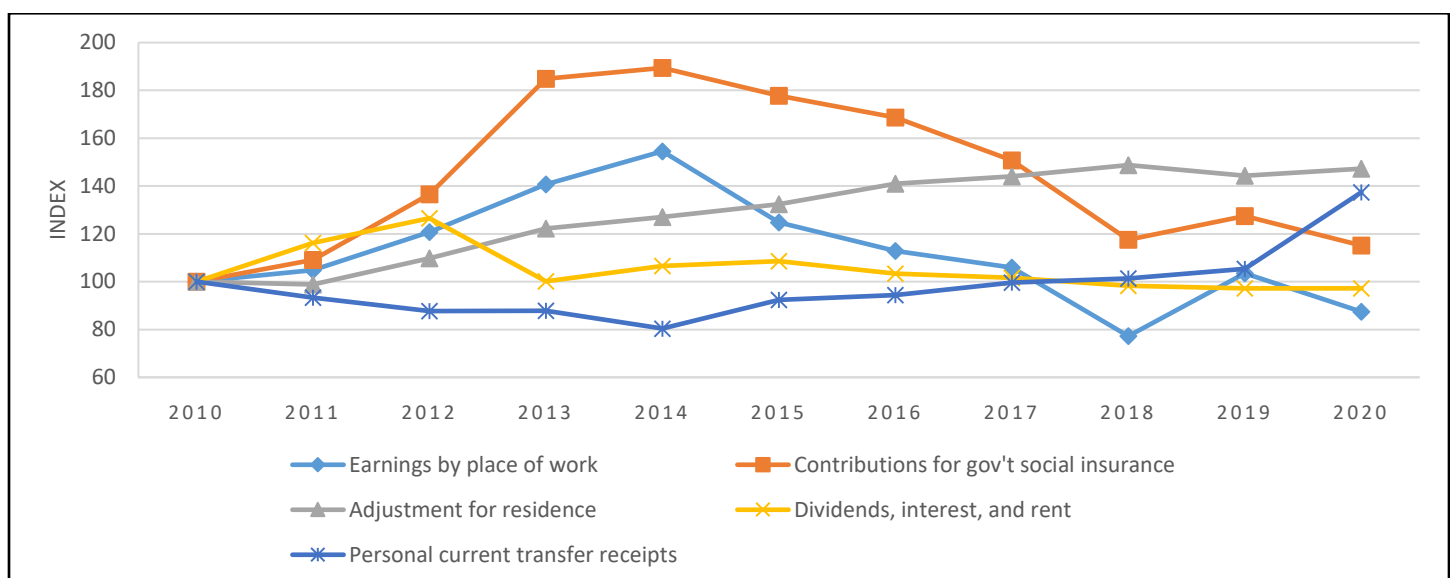
Source: U.S. Bureau of Economic Analysis, "Personal Income and Employment by Major Component (CA4)" (accessed February 2022)

\*All data is shown in thousands of 2021 dollars.

### County Breakdown

Between 2010 and 2020, personal income has slightly increased in Esmeralda. In 2010 personal income was \$37.5M. In 2020, personal income was \$39.51M. Earnings by place of work decreased by about \$2 million. Contributions for government social insurance has meanwhile increased by almost \$300k, and this includes Employee/self-employed contributions, and employer contributions.

Figure 51. Esmeralda County Personal Income, 2010 to 2020. Index: 2010 = 100



## Personal Income – Earnings Breakdown

Table 52. Esmeralda County Personal Income, 2010 and 2020

	2010	2020
<b>Earnings by Place of Work</b>	\$19,536	\$17,073
<b>Wages and salaries</b>	\$11,604	\$13,561
<b>Supplements to wages and salaries</b>	\$3,935	\$4,299
<b>Employer contributions for employee pension and insurance funds</b>	\$3,242	\$3,426
<b>Employer contributions for government social insurance</b>	\$693	\$874
<b>Proprietors' income</b>	\$3,997	-\$787
<b>Farm proprietors' income</b>	-\$1,548	-\$1,201
<b>Nonfarm proprietors' income</b>	\$5,545	\$413

Source: U.S. Bureau of Economic Analysis, "Personal Income and Employment by Major Component (CA4)" (accessed February 2022)

\*All data is shown in thousands of 2021 dollars.

### Definition

Earnings are the remuneration (pay, wages) of a worker or group of workers for services performed during a specific period of time. Earnings breakdown data is a specific branch of income data that looks at how earnings are paid through place of employment. For subdivision definitions, please see Appendix A: Glossary.

### Why is it important?

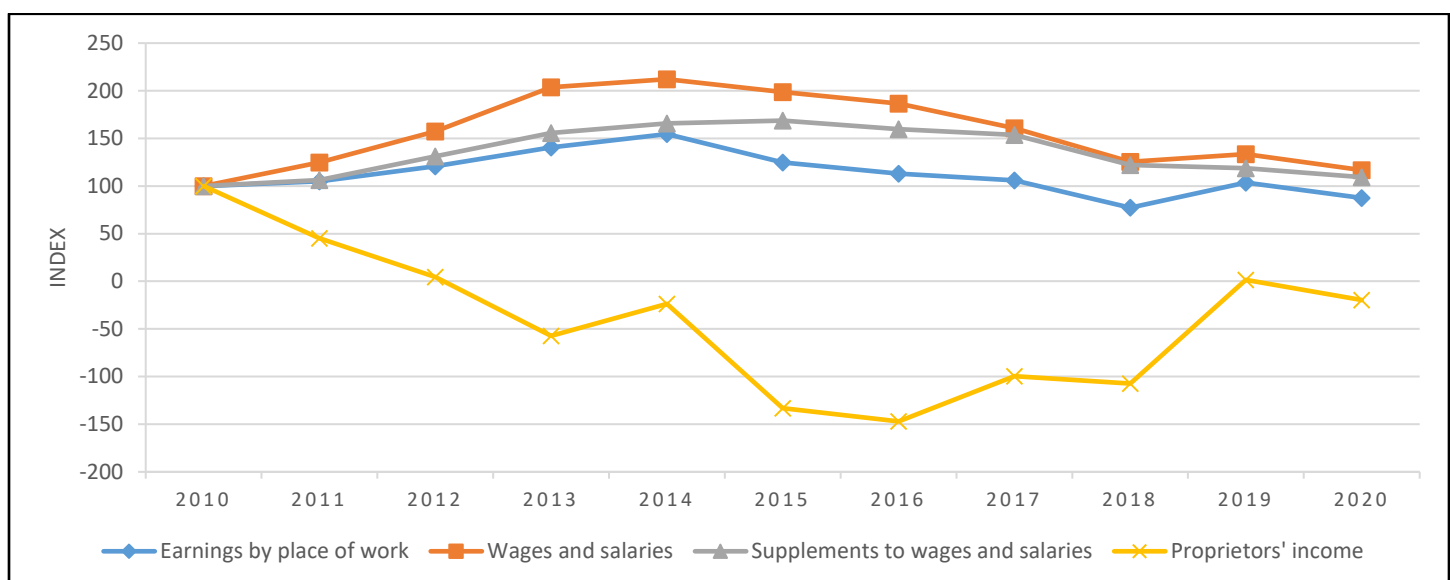
Earnings breakdown data can be used to identify the different parts of payments through places of employment. This data is useful for identifying possible mandates, reforms, and overall increases or decreases in benefits such employer contributions. An outlook on the overall economic wellbeing of the community can be formed when using this data in conjunction with job and personal income data.



### County Breakdown

Breaking down earnings in personal income shows that, yes, in Esmeralda, earnings by place of work decreased by about \$2.5 million, but when it comes to wages and salaries, these actually increased by more than \$2.0 million. Moreover, supplements to wages and salaries increased by about 300k. Proprietors' income decreased from \$3.9 million to a negative \$787k. The majority of the decreasing comes from nonfarm proprietors' income, which decreased from \$5.5 million to \$413k, while farm proprietors' income decreased from negative \$1.5 million to negative \$1.2 million.

Figure 52. Esmeralda County Personal Income, 2010 to 2020. Index: 2010 = 100



## Gross Regional Product

### Definition

Gross Regional Product (GRP) is the market value of goods and services produced by labor and property in the region, regardless of nationality. Imports show the amount of money that is spent by all industries located in the region in exchange for goods or services produced by an industry located outside the region. Exports show the amount of money that is spent by industries located outside the region in exchange for goods or services produced by an industry located in the region.

Table 53. Esmeralda County GRP by Industry, 2021

NAICS	2021
<b>11: Agriculture, Forestry, Fishing, Hunting</b>	\$2,817,291
<b>21: Mining, Quarrying, Oil/Gas Extraction</b>	\$22,188,176
<b>22: Utilities</b>	\$1,601,866
<b>23: Construction</b>	\$1,784,343
<b>31: Manufacturing</b>	\$775,905
<b>42: Wholesale Trade</b>	\$82,945
<b>44: Retail Trade</b>	\$1,623,412
<b>48: Transportation and Warehousing</b>	\$435,410
<b>51: Information</b>	\$159,782
<b>52: Finance and Insurance</b>	\$88,713
<b>53: Real Estate and Rental and Leasing</b>	\$55,719
<b>54: Professional, Scientific, Tech Services</b>	\$3,440,798
<b>55: Management of Companies/Enterprises</b>	\$95,334
<b>56: Administrative and Support</b>	\$385,169
<b>61: Educational Services</b>	\$62,965
<b>62: Health Care and Social Assistance</b>	\$0
<b>71: Arts, Entertainment, and Recreation</b>	\$19,285
<b>72: Accommodation and Food Services</b>	\$231,234
<b>81: Other Services</b>	\$851,761
<b>90: Government and Public Administration</b>	\$14,809,508
<b>99: Unclassified Industry</b>	Insf. Data

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, '-' shows instead of a dollar amount.

Data is shown in 2021 dollars

### County Breakdown

In Esmeralda, exports are higher than imports, meaning more money is coming into the county as compared to goods and services. Exports of \$88.4 million are higher than imports of \$83.6 million, and total GRP is \$55.4 million. Mining, Quarrying, Oil/Gas Extraction reports the highest GRP at \$22.2 million. The next two highest industries in GRP are Government and Public Administration, and Ag, Forestry, Fishing, and Hunting.

Table 54. Esmeralda County Total GRP, Exports, and Imports, 2021

	Esmeralda
<b>Total GRP</b>	\$55,443,890
<b>Exports</b>	\$88,355,990
<b>Imports</b>	\$83,606,478

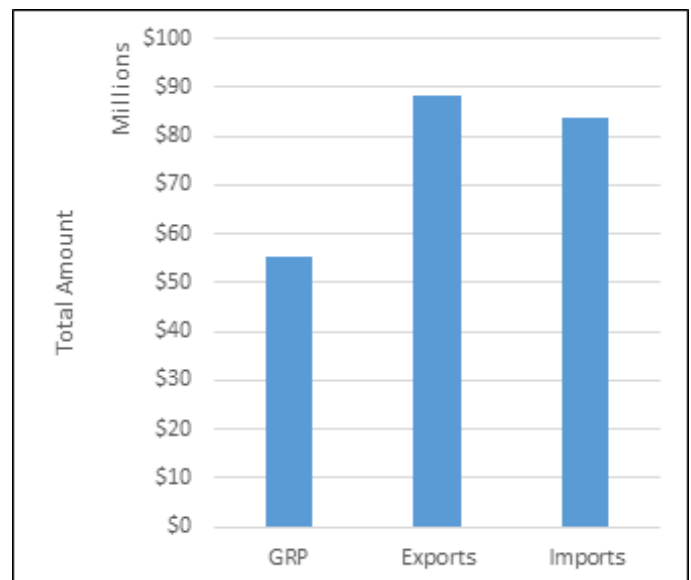
Source: Emsi Burning Glass 2022.1

Data is shown in 2021 dollars

### Why is it important?

Gross Regional Product is a general indicator of economic wellbeing, but the more decisive metrics here are imports and exports. These two metrics indicate room for economic growth. A goal for a county should be to sustain high exports and low imports. High exports indicate production is being done inside the county. Consequently, a lot of cash is flowing in the county and being exchanged. On the other hand, low imports indicate the county is self-sufficient. Money circulates. It stays much as possible inside the county and supports the county's individuals and businesses in terms of growth. However, it should not be an automatic red flag if imports are high. If imports are high, then that means the county is forced to bring something in from an outside source. Therefore, while money may be leaving the county, there nevertheless is room for production to be done inside the county. In short, high imports can be an indicator for expansion. This does not automatically translate for certain industries, like Information or Finance and Insurance. For a detailed look at imports and exports per industry, see the section *NAICS Sectors*.

Figure 53. Esmeralda County Total GRP, Exports, and Imports, 2021



# NAICS Sector Breakdown

This section includes a breakdown of industry sectors with measures of jobs, businesses, earnings, sales, exports, imports, and taxes paid.

This section looks at 2018 data involving the compilation of business establishments into industries, and then the further compilation of those industries into entire workforce sectors. This is all done through the categorization of NAICS.

## NAICS Sector Breakdowns

The ‘NAICS Sectors’ section devotes two pages to each of the 2-digit NAICS sectors. Here is the information that you will find on each:

Page 1:

- 2-digit sector name and description
- The name and description of each 3-digit sector under that 2-digit sector.
- A brief look into the various subsectors’ impact on the county

Page 2:

- Two tables showing nine different data measures (explained further on the following pages)
- Figure showing change in jobs from 2010 to 2018 in each 3-digit sector
- Figure showing a comparison of the average annual earnings per job in 2018 between the county and state for each sector

## What is NAICS?

NAICS, or North American Industry Classification System, is an *industry* classification system. Economic units (i.e. businesses) that have similar production processes are classified in the same *industry*. An industry then is an overarching term used to represent similar types of businesses.

For example, the railroad industry or the supermarket industry are comprised of all railroads and supermarkets. Then, even further lines are drawn between industries, to create entire *sectors*. Sectors are groups of similar industries piled together into the same classification. For example, the railroad industry is ultimately grouped under NAICS Sector 48: Transportation and Warehousing. The supermarket industry is ultimately grouped under NAICS Sector 44: Retail Trade.

This seems a little confusing at first, but NAICS makes it easier with their organization. The way NAICS specifically classifies these industries is through a number system. This allows for specific industries to be highlighted, or for entire sectors to be highlighted. The NAICS system divides the classifications into 2, 3, 4, 5, and 6-digit industries.

The classifications of these industries are further explained on the next page, but the column to the right should give a general layout of how NAICS helps organize industry data. These different sectors are separated in order to give emphasis to certain strengths, weaknesses, demands and overall needs of any given region.



## NAICS Sectors

### What NAICS can offer

NAICS data involves business and industry data, key metrics for business owners, employees, government officials, and other decision makers. Looking at North American Industry Classification System can give the reader a detailed overview of an industry in the format of a concise small table or figure. Over the next few pages, NAICS is detailed by defining the system and going into the various measures shown.

The twenty-five 2-digit sectors of NAICS (listed to the right and often mentioned in other sections of this report) can be further broken down into 3-, 4-, 5-, and 6- digit subsectors. This division of the sectors into their subsectors allows for a finite look at how regional business operate. While NAICS at its highest branches starts off at 2-digit sectors, most pages in this section focus on 3-digit subsectors. This lets specificity take priority, wherein we get a full picture of the individual ninety-five 3-digit subsectors. This full picture includes total sales, exports, imports, jobs, businesses, GRP, earnings, and taxes paid, as well as a snapshot comparison of the county and the state.

The next few pages seek to clarify the meaning of NAICS and its takeaways.

### Businesses within a NAICS subsector

The example *establishments*, or businesses, that fall under each industry, can be any number of establishments or businesses in that given county that provide that industry’s service. For example, for Industry 5112: Software Publishers, there could be zero businesses in that county, or 25, or 100, or, again, any number of businesses. These are businesses grouped together based on their services provided, and they fall under the relevant 4-digit industry. To stick to our example of Software Publishers, this could include businesses such as “Printer Software Brothers” or “Laser Ink Program Hub.” Both of these businesses, if they fall under the description of software publishers, belong to the 5112 subsector.

The next page goes into further detail regarding the breakdown of 2-digit NAICS sectors into smaller, easier to digest, subsectors.

### This Section Contains:

Sector 11: Agriculture, Forestry, Fishing, and Hunting.....	54
Sector 21: Mining, Quarrying, and Oil and Gas Extraction .....	56
Sector 22: Utilities .....	58
Sector 23: Construction .....	60
Sector 31: Manufacturing .....	62
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Sector 72: Accommodation and Food Services .....	96
Sector 81: Other Services (except Public Administration) .....	98
Sector 90: Public Administration.....	100
Sector 99: Unclassified.....	102

### Breaking Down NAICS Sectors

There are 21 2-digit NAICS sectors. A full list of these is seen on the previous page, but let us list a couple here to see how this process works:

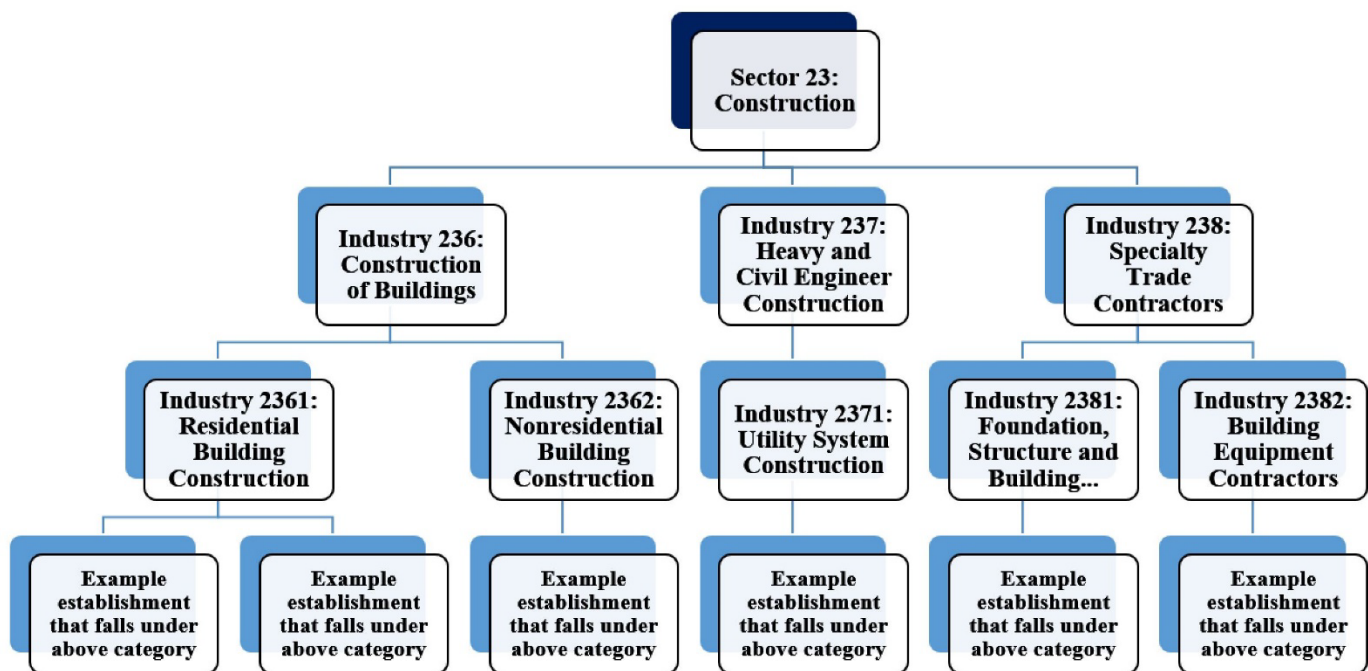
- NAICS Sector 11: Agriculture, Forestry, Fishing, and Hunting
- NAICS Sector 21: Mining, Quarrying, and Oil and Gas Extraction
- NAICS Sector 22: Utilities

Each of these 2-digit NAICS sectors is then divided into a number of 3-digit NAICS sectors. Those 3-digit NAICS sectors are then divided into 4-digit NAICS sectors, for specificity purposes. These classifications keep going and going until they are divided into 6-digit NAICS sectors, but for the purposes of this section of the report, we will be using and analyzing 3-digit NAICS sectors. The reason for this is that 3-digit NAICS sectors are the right mix for being specific and broad.

Table 55. Esmeralda County 3-Digit NAICS Top 15 Performers, Jobs, 2021

Rank	NAICS	Jobs
1	903: Local Government	146
2	212: Mining (except Oil and Gas)	66
3	541: Professional, Scientific, and Technical Services	39
4	111: Crop Production	24
5	213: Support Activities for Mining	19
6	811: Repair and Maintenance	14
7	237: Heavy and Civil Engineering Construction	13
8	561: Administrative and Support Services	11
9	115: Support Activities for Agriculture and Forestry	10
10	211: Oil and Gas Extraction	0
11	454: Nonstore Retailers	0
12	481: Air Transportation	0
13	517: Telecommunications	0
14	515: Broadcasting (except Internet)	0
15	423: Merchant Wholesalers, Durable Goods	0

Figure 54. Example Flowchart of NAICS Sector 23: Construction



Note: To save space, not all 4-digit subsectors, nor any of the 5- or 6-digit subsectors, for the Construction sector are being shown here.

### Top Performers

In this intro section, you will find a variety of '3-Digit NAICS Top 15 Performers'. These are ranked lists of the top 15 3-digit subsectors in handpicked categories. Please see the below list for the available rankings:

Total Jobs .....	51
Average Earnings per Job .....	52
Total Sales .....	52
Imports .....	53
Exports .....	53

The Sourcing for each of these tables is as follows:

Source: Emsi Burning Glass 2022.1

### The NAICS Classification System

Let us take a step back to make sure we understand the classification system. For example, if we look at NAICS Sector 23: Construction, which is comprised of three 3-digit industries. **Note:** These industries may also be defined as subsectors, because they fall under the sector of Construction. These 3-digit industries, or 3-digit subsectors, fall under the notion of Construction, but are more specific. They are Industry 236: Construction of Buildings, Industry 237: Heavy and Civil Engineer Construction, and Industry 238: Specialty Trade Contractors. You can already see how each classification gets more specific. Even further, within each of these 3-digit industries, there are more specific subsectors.

NAICS Sector 23: Construction is broken down into subsectors like 2361: Residential Building Construction and 2362: Nonresidential Building Construction. As you can see, these subsectors have assigned numbers also. They are 4-digit classifications. The first two digits (23) imply that they fall underneath Sector 23.

The NAICS official handbook further divides these 4-digit sectors into 5- and 6-digit sectors when necessary. This is used to be more precise. This report however only examines 2-digit sectors and the 3-digit subsectors that make up those sectors.

Table 56 Esmeralda County 3-Digit NAICS Top 15 Performers, Average Earnings per Job, 2021

Rank	NAICS	Average Earnings per Job
1	212: Mining (except Oil and Gas)	\$95,028
2	903: Local Government	\$91,701
3	213: Support Activities for Mining	\$74,961
4	541: Professional, Scientific, and Technical Services	\$71,913
5	111: Crop Production	\$44,887
6	237: Heavy and Civil Engineering Construction	\$43,830
7	811: Repair and Maintenance	\$31,997
8	561: Administrative and Support Services	\$26,224
9	115: Support Activities for Agriculture and Forestry	\$21,278
10	211: Oil and Gas Extraction	\$0
11	454: Nonstore Retailers	\$0
12	481: Air Transportation	\$0
13	517: Telecommunications	\$0
14	515: Broadcasting (except Internet)	\$0
15	423: Merchant Wholesalers, Durable Goods	\$0

Table 57 Esmeralda County 3-Digit NAICS Top 15 Performers, Total Sales, 2021

Rank	NAICS	Total Sales
1	212: Mining (except Oil and Gas)	\$37,671,133
2	903: Local Government	\$35,626,904
3	111: Crop Production	\$6,605,698
4	541: Professional, Scientific, and Technical Services	\$5,389,698
5	311: Food Manufacturing	\$4,369,855
6	213: Support Activities for Mining	\$3,197,747
7	221: Utilities	\$2,411,732
8	447: Gasoline Stations	\$1,871,698
9	237: Heavy and Civil Engineering Construction	\$1,500,929
10	238: Specialty Trade Contractors	\$1,228,460
11	901: Federal Government	\$964,209
12	811: Repair and Maintenance	\$910,250
13	236: Construction of Buildings	\$752,658
14	211: Oil and Gas Extraction	\$724,833
15	561: Administrative and Support Services	\$670,531

## Data Measures

Throughout this section each 2-digit sector is summarized by analyzing its individual 3-digit industry subsectors.

The following data measures were used to determine the activity of the sectors as a whole:

- Total Jobs
- # of Payroll Businesses
- Average Earnings per Job
- Total Industry Earnings
- Total Sales
- In-Region Sales
- Exported Sales
- Imports
- Total Taxes Paid

For specific definitions of each of the data measures, please refer to Appendix A: Glossary. All of these factors are available for readers to make their own assumptions. However, for the purpose of this report, the factors that are most taken into consideration in the analyses are imports, exports, and total sales.

An *import* is a good or service brought into the county from an outside source. They are the opposite of *exports*, which are goods or services that are produced in one county and then brought or shipped to another county, state, or country for future sale or trade. Imports are perhaps the most important data measure to keep an eye out for because they indicate a possible opportunity for economic growth. In other words, since the county must bring something in from an outside source, that means there is a chance for production to be done inside the county. Instead of paying more for delivery to the county from somewhere else, the county could then produce their own goods and services.

For example, 2017 data shows Lincoln County, Nevada is relatively high in imports for Automobile Dealers, at \$1,787,000, and low in exports, at \$448,000. This means that a lot of people in Lincoln County do business with automobile dealers outside of Lincoln County, rather than inside Lincoln County. Basically: This \$1.3M gap indicates opportunity. If someone wanted to open an automobile dealership in Lincoln County, they would have reason to do so.

Table 58. Esmeralda County 3-Digit NAICS Top 15 Performers, Total Imports, 2021

Rank	NAICS	Imports
1	901: Federal Government	\$11,005,395
2	903: Local Government	\$5,817,110
3	902: State Government	\$3,482,314
4	238: Specialty Trade Contractors	\$3,459,062
5	541: Professional, Scientific, and Technical Services	\$3,382,508
6	424: Merchant Wholesalers, Nondurable Goods	\$3,105,672
7	621: Ambulatory Health Care Services	\$2,500,290
8	423: Merchant Wholesalers, Durable Goods	\$2,468,501
9	325: Chemical Manufacturing	\$2,415,258
10	311: Food Manufacturing	\$2,383,799
11	524: Insurance Carriers and Related Activities	\$2,193,390
12	622: Hospitals	\$2,109,583
13	531: Real Estate	\$1,867,849
14	333: Machinery Manufacturing	\$1,846,505
15	522: Credit Intermediation and Related Activities	\$1,828,524

Table 59 Esmeralda County 3-Digit NAICS Top 15 Performers, Exported Sales, 2021

Rank	NAICS	Exports
1	212: Mining (except Oil and Gas)	\$36,263,833
2	903: Local Government	\$26,326,291
3	111: Crop Production	\$5,565,585
4	311: Food Manufacturing	\$4,350,181
5	541: Professional, Scientific, and Technical Services	\$4,176,497
6	213: Support Activities for Mining	\$1,804,873
7	447: Gasoline Stations	\$1,587,134
8	221: Utilities	\$1,573,925
9	237: Heavy and Civil Engineering Construction	\$1,172,162
10	901: Federal Government	\$809,854
11	811: Repair and Maintenance	\$705,444
12	238: Specialty Trade Contractors	\$472,807
13	236: Construction of Buildings	\$394,466
14	483: Water Transportation	\$337,193
15	812: Personal and Laundry Services	\$311,773

## **NAICS Sector 11: Agriculture, Forestry, Fishing, and Hunting**

*The Agriculture, Forestry, Fishing and Hunting sector comprises establishments primarily engaged in growing crops, raising animals, harvesting timber, and harvesting fish and other animals from a farm, ranch, or their natural habitats.*

### **111: Crop Production:**

Industries in the Crop Production subsector grow crops mainly for food and fiber. The subsector comprises establishments, such as farms, orchards, groves, greenhouses, and nurseries, primarily engaged in growing crops, plants, vines, or trees and their seeds.

### **112: Animal Production and Aquaculture:**

Industries in the Animal Production and Aquaculture subsector raise or fatten animals for the sale of animals or animal products and/or raise aquatic plants and animals in controlled or selected aquatic environments for the sale of aquatic plants, animals, or their products. The subsector includes establishments, such as ranches, farms, and feedlots, primarily engaged in keeping, grazing, breeding, or feeding animals. These animals are kept for the products they produce or for eventual sale. The animals are generally raised in various environments, from total confinement or captivity to feeding on an open range pasture.

### **113: Forestry and Logging:**

Industries in the Forestry and Logging subsector grow and harvest timber on a long production cycle (i.e., of 10 years or more). Long production cycles use different production processes than short production cycles, which require more horticultural interventions prior to harvest, resulting in processes more similar to those found in the Crop Production subsector. Consequently, Christmas tree production and other production involving production cycles of less than 10 years, are classified in the Crop Production subsector.

### **114: Fishing, Hunting and Trapping:**

Industries in the Fishing, Hunting and Trapping subsector harvest fish and other wild animals from their natural habitats and are dependent upon a continued supply of the natural resource. The harvesting of fish is the predominant economic activity of this subsector and it usually requires specialized vessels that, by the nature of their size, configuration and equipment, are not suitable for any other type of production, such as transportation.

### **115: Support Activities for Agriculture and Forestry:**

Industries in the Support Activities for Agriculture and Forestry subsector provide support services that are an essential part of agricultural and forestry production. These support activities may be performed by the agriculture or forestry producing establishment or conducted independently as an alternative source of inputs required for the production process for a given crop, animal, or forestry industry. Establishments that primarily perform these activities independent of the agriculture or forestry producing establishment are in this subsector.

### **County Breakdown**

The Agriculture, Forestry, Fishing, and Hunting industry provides Esmeralda with 3 payroll businesses and 34 jobs. This is an increase from 2011, when this industry had under 10 jobs. Out of the five subsectors, Crop Production is the most active, followed by Support Activities for Agriculture and Forestry, and then Forestry and Logging. These three subsectors are the subsectors that export, while the remaining two, Animal Production and Aquaculture and Fishing, Hunting, and Trapping do not report any exported sales. All subsectors, however, report at least imports, meaning there is a demand in every part of this industry.

Imports are highest in Crop Production at \$486k and Support Activities at \$243k. Total imports are \$865k. This is 10x less than total sales.



Table 60 Esmeralda County NAICS Sector 11, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>111: Crop Production</b>	<10	24	3	\$44,887	\$1,691,176
<b>112: Animal Production and Aquaculture</b>	0	0	0	\$0	\$0
<b>113: Forestry and Logging</b>	0	0	0	\$0	\$19,258
<b>114: Fishing, Hunting and Trapping</b>	0	0	0	\$0	\$21,705
<b>115: Support Activities for Agriculture and Forestry</b>	<10	10	0	\$21,278	\$231,764

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 61. Esmeralda County NAICS Sector 11, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>111</b>	\$6,605,698	\$1,040,114	\$5,565,585	\$486,568	\$148,772
<b>112</b>	\$0	\$0	\$0	\$114,896	\$0
<b>113</b>	\$43,419	\$158	\$43,261	\$1	\$1,638
<b>114</b>	\$49,238	\$21,462	\$27,776	\$19,662	\$6,975
<b>115</b>	\$273,729	\$142,408	\$131,321	\$243,805	\$5,771

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 55. Esmeralda County NAICS Sector 11 Total Jobs by 3-Digit Sector, 2011 to 2021

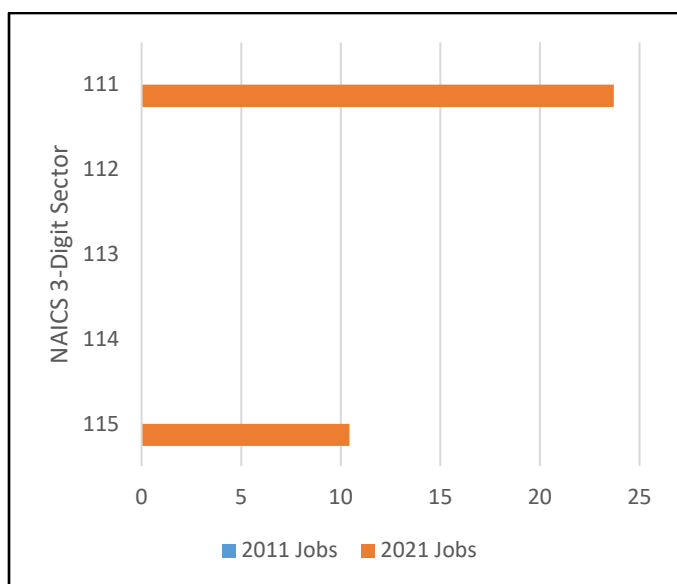
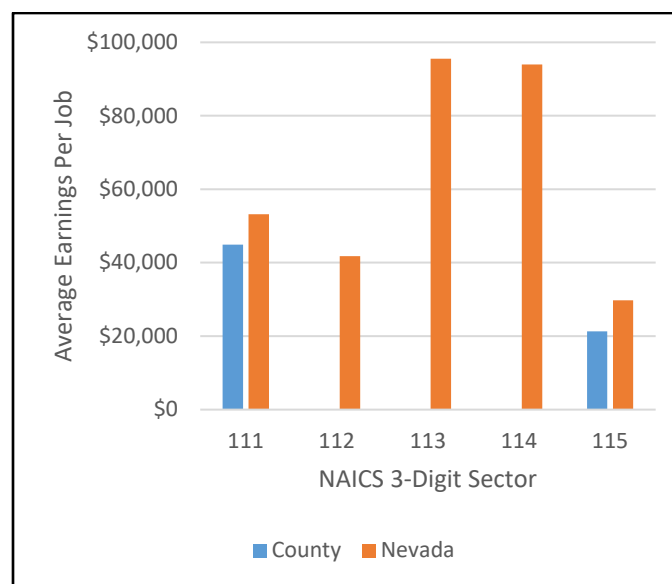


Figure 56 Esmeralda County vs State Comparison, NAICS Sector 11, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 21: Mining, Quarrying, and Oil and Gas Extraction**

*The Mining, Quarrying, and Oil and Gas Extraction sector comprises establishments that extract naturally occurring mineral solids, such as coal and ores; liquid minerals, such as crude petroleum; and gases, such as natural gas. The term mining is used in the broad sense to include quarrying, well operations, beneficiating (e.g., crushing, screening, washing, and flotation), and other preparation customarily performed at the mine site, or as a part of mining activity.*

### **211: Oil and Gas Extraction**

Industries in the Oil and Gas Extraction subsector operate and/or develop oil and gas field properties. Such activities may include exploration for crude petroleum and natural gas; drilling, completing, and equipping wells; operating separators, emulsion breakers, desilting equipment, and field gathering lines for crude petroleum and natural gas; and all other activities in the preparation of oil and gas up to the point of shipment from the producing property. This subsector includes the production of crude petroleum, the mining and extraction of oil from oil shale and oil sands, the production of natural gas, sulfur recovery from natural gas, and recovery of hydrocarbon liquids.

### **212: Mining (except Oil and Gas)**

Industries in the Mining (except Oil and Gas) subsector primarily engage in mining, mine site development, and beneficiating (i.e., preparing) metallic minerals and nonmetallic minerals, including coal. The term "mining" is used in the broad sense to include ore extraction, quarrying, and beneficiating (e.g., crushing, screening, washing, sizing, concentrating, and flotation), customarily done at the mine site.

### **213: Support Activities for Mining**

Industries in the Support Activities for Mining subsector group establishments primarily providing support services, on a contract or fee basis, required for the mining and quarrying of minerals and for the extraction of oil and gas.

Establishments performing exploration (except geophysical surveying and mapping) for minerals, on a contract or fee basis, are included in this subsector. Exploration includes traditional prospecting methods, such as taking core samples and making geological observations at prospective sites.

#### **County Breakdown**

Sales total \$41.5 million. Majority of this comes from Mining, not including oil and gas extraction. This Mining is split into \$36.3 million in exports and \$1.4 million in in-region sales. Meanwhile, imports are \$1.3 million, meaning exports are higher than imports, which indicates dollars are being brought in more here than goods and services.

Oil and Gas Extraction reports no payroll businesses, jobs, or sales, but it does report \$105.8k in imports.

Taxes collected for this industry total \$2.5 million.

Table 62. Esmeralda County NAICS Sector 21, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>211: Oil and Gas Extraction</b>	0	0	0	\$0	\$106,585
<b>212: Mining (except Oil and Gas)</b>	92	66	4	\$95,028	\$6,369,755
<b>213: Support Activities for Mining</b>	24	19	1	\$74,961	\$1,465,686

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 63. Esmeralda County NAICS Sector 21, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>211</b>	\$724,833	\$433,174	\$291,659	\$105,885	\$128,239
<b>212</b>	\$37,671,133	\$1,407,300	\$36,263,833	\$1,257,405	\$2,263,726
<b>213</b>	\$3,197,747	\$1,392,874	\$1,804,873	\$592,966	\$167,903

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 57. Esmeralda County NAICS Sector 21 Total Jobs by 3-Digit Sector, 2011 to 2021

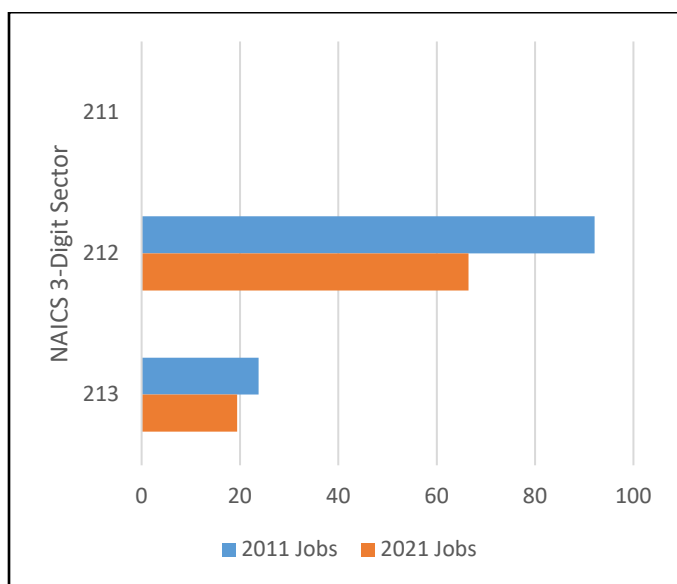
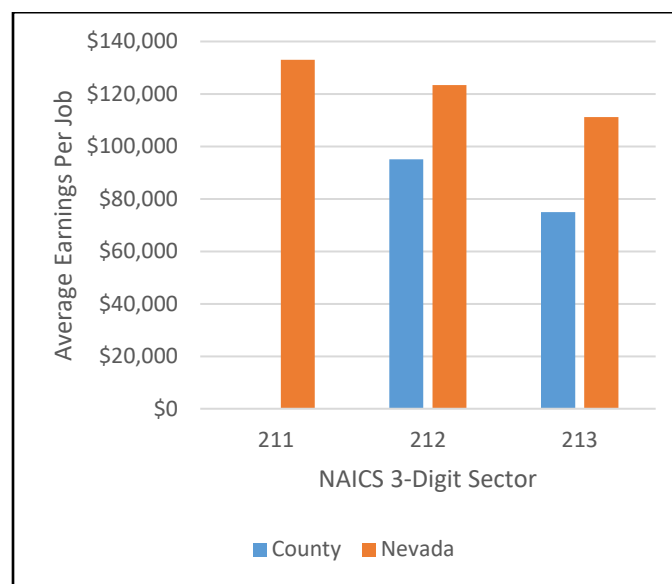


Figure 58. Esmeralda County vs State Comparison, NAICS Sector 21, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 22: Utilities**

*The Utilities sector comprises establishments engaged in the provision of the following utility services: electric power, natural gas, steam supply, water supply, and sewage removal. Within this sector, the specific activities associated with the utility services provided vary by utility: electric power includes generation, transmission, and distribution; natural gas includes distribution; steam supply includes provision and/or distribution; water supply includes treatment and distribution; and sewage removal includes collection, treatment, and disposal of waste through sewer systems and sewage treatment facilities.*

### **221: Utilities**

Industries in the Utilities subsector provide electric power, natural gas, steam supply, water supply, and sewage removal through a permanent infrastructure of lines, mains, and pipes. Establishments are grouped together based on the utility service provided and the particular system or facilities required to perform the service.

#### **County Breakdown**

On the three-digit level, the Utilities industry is comprised of one subsector. It provides Esmeralda with 1 payroll business, and between 1 and 10 jobs. This is an increase from 2011, when there were no jobs for this industry in Esmeralda. Total Industry Earnings for employees is \$377k. Total sales is \$2.4 million. Part of this is in-region sales of \$837k while the remaining is composed of exported sales of \$1.6 million. Exports are higher than imports, which are 1.5 million, indicating that, when it comes to this industry, there are more dollars coming into the community than goods and services.

Taxes collected for this industry total \$354k.

Table 64. Esmeralda County NAICS Sector 22, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>221: Utilities</b>	0	<10	1	Insf. Data	\$377,102

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 65. Esmeralda County NAICS Sector 22, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>221</b>	\$2,411,732	\$837,807	\$1,573,925	\$975,552	\$354,467

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 59. Esmeralda County NAICS Sector 22 Total Jobs by 3-Digit Sector, 2011 to 2021

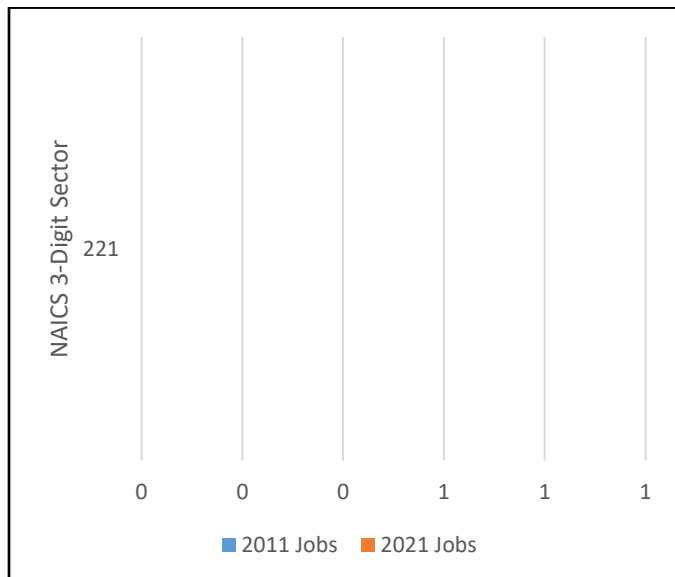
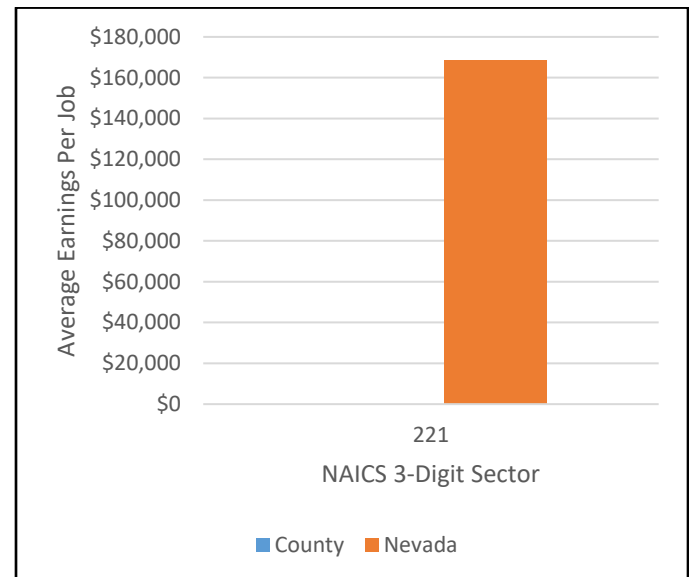


Figure 60. Esmeralda County vs State Comparison, NAICS Sector 22, Average Earnings per Job by 3-Digit Sector, 2021





## **NAICS Sector 23: Construction**

*The Construction sector comprises establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems). Establishments primarily engaged in the preparation of sites for new construction and establishments primarily engaged in subdividing land for sale as building sites also are included in this sector.*

### **236: Construction of Buildings**

The Construction of Buildings subsector comprises establishments primarily responsible for the construction of buildings. The work performed may include new work, additions, alterations, or maintenance and repairs. The onsite assembly of precut, panelized, and prefabricated buildings and construction of temporary buildings are included in this subsector. Part or all of the production work for which the establishments in this subsector have responsibility may be subcontracted to other construction establishments--usually specialty trade contractors.

### **237: Heavy and Civil Engineering Construction**

The Heavy and Civil Engineering Construction subsector comprises establishments whose primary activity is the construction of entire engineering projects (e.g., highways and dams), and specialty trade contractors, whose primary activity is the production of a specific component for such projects. Specialty trade contractors in the Heavy and Civil Engineering Construction subsector generally are performing activities that are specific to heavy and civil engineering construction projects and are not normally performed on buildings. The work performed may include new work, additions, alterations, or maintenance and repairs.

### **238: Specialty Trade Contractors**

The Specialty Trade Contractors subsector comprises establishments whose primary activity is performing specific activities (e.g., pouring concrete, site preparation, plumbing, painting, and electrical work) involved in building construction or other activities that are similar for all types of construction, but that are not responsible for the entire project. The work performed may include new work, additions, alterations, maintenance, and repairs. The production work performed by establishments in this subsector is usually subcontracted from establishments of the general contractor type or for-sale builders, but especially in remodeling and repair construction, work also may be done directly for the owner of the property. Specialty trade contractors usually perform most of their work at the construction site, although they may have shops where they perform prefabrication and other work. Establishments primarily engaged in preparing sites for new construction are also included in this subsector.

### **County Breakdown**

The Construction industry provides Esmeralda with 3 payroll businesses and under 30 jobs. This is an increase from the 20 jobs in 2011. Of the payroll businesses, 3 come from Specialty Trade Contractors, 2 from Construction of Buildings, and 1 from Heavy and Civil Engineering Construction. Total industry earnings is similarly staggered, with the three subsectors earning \$178k, \$495k, and \$631k (in classified order as seen on the left).

Sales total \$3.1 million. Unlike the first three sectors in this report, imports are higher than exports for construction. Imports total \$3.2 million. All three subsectors here report exports *and* imports, and for two of the three subsectors, imports are higher than exports. Imports are highest for Specialty Trade Contractors, at \$2.1 million, meaning they make up two-thirds of total imports.

Table 66. Esmeralda County NAICS Sector 23, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>236: Construction of Buildings</b>	<10	<10	1	Insf. Data	\$294,619
<b>237: Heavy and Civil Engineering Construction</b>	<10	13	1	\$43,830	\$587,559
<b>238: Specialty Trade Contractors</b>	<10	<10	1	Insf. Data	\$482,034

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 67. Esmeralda County NAICS Sector 23, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>236</b>	\$752,658	\$358,192	\$394,466	\$1,274,367	\$5,757
<b>237</b>	\$1,500,929	\$328,767	\$1,172,162	\$652,741	\$11,345
<b>238</b>	\$1,228,460	\$755,654	\$472,807	\$3,459,062	\$9,217

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 61. Esmeralda County NAICS Sector 23 Total Jobs by 3-Digit Sector, 2011 to 2021

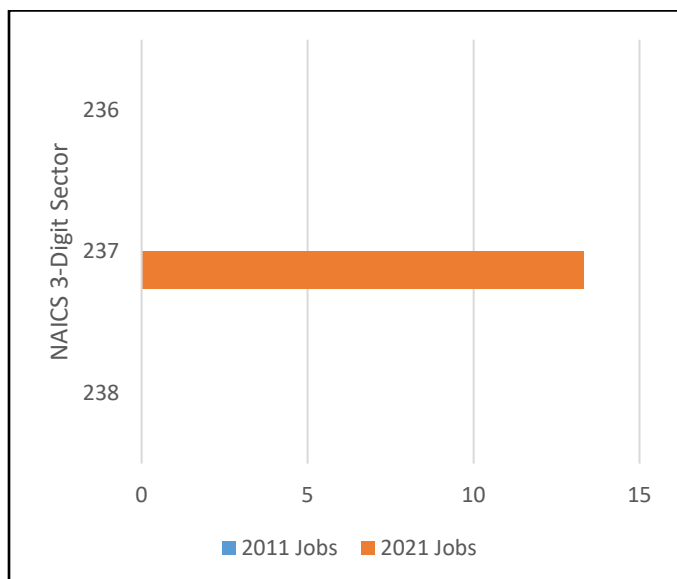
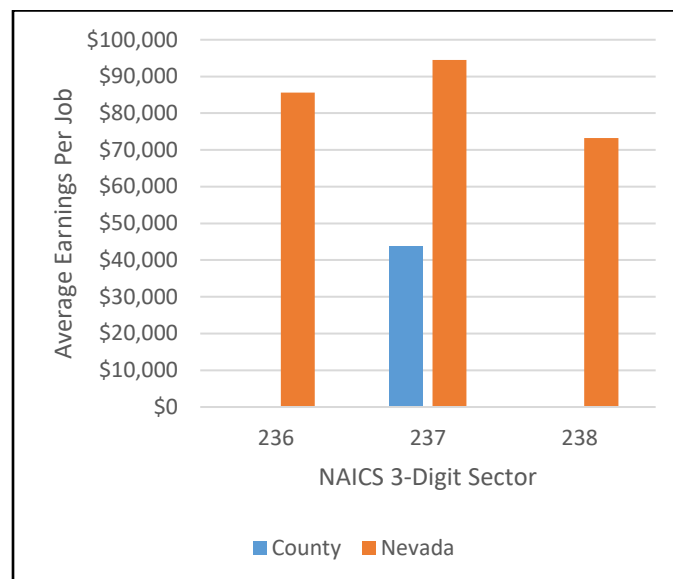


Figure 62. Esmeralda County vs State Comparison, NAICS Sector 23, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 31: Manufacturing**

*The Manufacturing sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified in Sector 23, Construction.*

Note: Sectors 31, 32, and 33 all fall under the same 'Manufacturing' 2-digit heading.

### **311: Food Manufacturing**

Industries in the Food Manufacturing subsector transform livestock and agricultural products into products for intermediate or final consumption. The industry groups are distinguished by the raw materials (generally of animal or vegetable origin) processed into food products.

### **312: Beverage and Tobacco Product Manufacturing**

Industries in the Beverage and Tobacco Product Manufacturing subsector manufacture beverages and tobacco products. The Beverage Manufacturing industry group includes three types of establishments: (1) those that manufacture nonalcoholic beverages; (2) those that manufacture alcoholic beverages through the fermentation process; and (3) those that produce distilled alcoholic beverages. Ice manufacturing, while not a beverage, is included with nonalcoholic beverage manufacturing because it uses the same production process as water purification.

### **313: Textile Mills**

Industries in the Textile Mills subsector group establishments that transform a basic fiber (natural or synthetic) into a product, such as yarn or fabric that is further manufactured into usable items, such as apparel, sheets, towels, and textile bags for individual or industrial consumption. The further manufacturing may be performed in the same establishment and classified in this subsector, or it may be performed at a separate establishment and be classified elsewhere in manufacturing.

### **314: Textile Product Mills**

Industries in the Textile Product Mills subsector group establishments that make textile products (except apparel). With a few exceptions, processes used by these establishments are generally cut and sew (i.e., purchasing fabric and cutting and sewing to make nonapparel textile products, such as sheets and towels).

### **315: Apparel Manufacturing**

Industries in the Apparel Manufacturing subsector group establishments with two distinct manufacturing processes: (1) cut and sew (i.e., purchasing fabric and cutting and sewing to make a garment) and (2) the manufacture of garments in establishments that first knit fabric and then cut and sew the fabric into a garment. The Apparel Manufacturing subsector includes a diverse range of establishments manufacturing full lines of ready-to wear apparel and custom apparel: apparel contractors, performing cutting or sewing operations on materials owned by others; jobbers, performing entrepreneurial functions involved in apparel manufacturing; and tailors, manufacturing custom garments for individual clients. Knitting fabric, when done alone, is classified in the Textile Mills subsector, but when knitting is combined with the production of complete garments, the activity is classified in the Apparel Manufacturing subsector.

### **316: Leather and Allied Product Manufacturing**

Establishments in the Leather and Allied Product Manufacturing subsector transform hides into leather by tanning or curing and fabricating the leather into products for final consumption. This subsector also includes the manufacture of similar products from other materials, including products (except apparel) made from "leather substitutes," such as rubber, plastics, or textiles. Rubber footwear, textile luggage, and plastics purses or wallets are examples of "leather substitute" products included in this subsector. The products made from leather substitutes are included in this subsector because they are made in similar ways leather products are made (e.g., luggage). They are made in the same establishments, so it is not practical to separate them.

### **County Breakdown**

This portion of the Manufacturing industry provides Esmeralda with 1 payroll business and about 10 jobs. This is a slight decrease from the 20 jobs in 2011. The payroll business along with all of the jobs come from Food Manufacturing. Every other subsector here only reports imports (Beverage and Tobacco Product Manufacturing reporting the highest imports of \$681k). For Food Manufacturing, sales total \$4.5 million. About 99% of this comes from exports. Meanwhile Food Manufacturing also imports \$2.4 million.

Table 68. Esmeralda County NAICS Sector 31, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>311: Food Manufacturing</b>	20	<10	1	Insf. Data	\$298,839
<b>312: Beverage and Tobacco Product Manufacturing</b>	0	0	0	\$0	\$0
<b>313: Textile Mills</b>	0	0	0	\$0	\$0
<b>314: Textile Product Mills</b>	0	0	0	\$0	\$0
<b>315: Apparel Manufacturing</b>	0	0	0	\$0	\$0
<b>316: Leather and Allied Product Manufacturing</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 69. Esmeralda County NAICS Sector 31, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>311</b>	\$4,369,855	\$19,673	\$4,350,181	\$2,383,799	\$81,470
<b>312</b>	\$0	\$0	\$0	\$506,199	\$0
<b>313</b>	\$0	\$0	\$0	\$21,265	\$0
<b>314</b>	\$0	\$0	\$0	\$29,666	\$0
<b>315</b>	\$0	\$0	\$0	\$22,131	\$0
<b>316</b>	\$0	\$0	\$0	\$12,432	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 63. Esmeralda County NAICS Sector 31 Total Jobs by 3-Digit Sector, 2011 to 2021

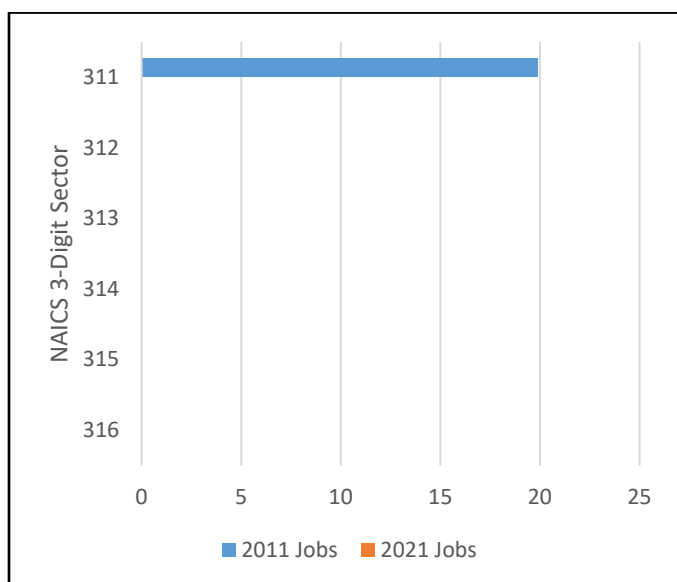
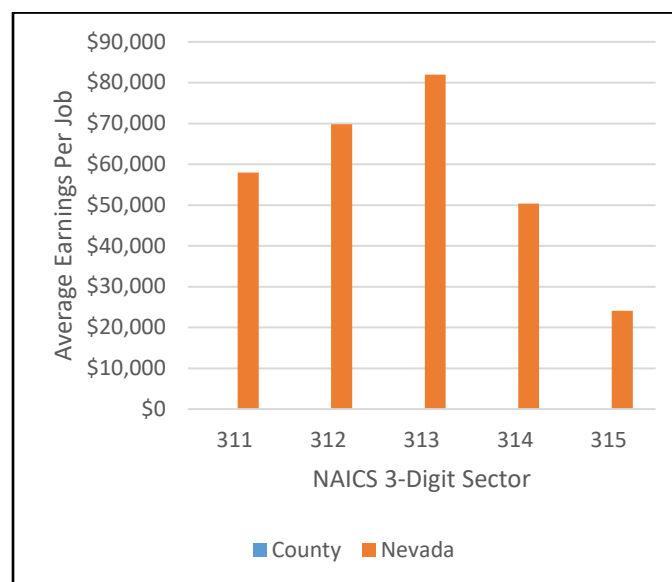


Figure 64. Esmeralda County vs State Comparison, NAICS Sector 31, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 32: Manufacturing**

*The Manufacturing sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified in Sector 23, Construction.*

Note: Sectors 31, 32, and 33 all fall under the same 'Manufacturing' 2-digit heading.

### **321: Wood Product Manufacturing**

Establishments in the Wood Product Manufacturing subsector manufacture wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, manufactured homes (i.e., mobile homes), and prefabricated wood buildings. The production processes of the Wood Product Manufacturing subsector include sawing, planing, shaping, laminating, and assembling wood products starting from logs that are cut into bolts, or lumber that then may be further cut, or shaped by lathes or other shaping tools.

### **322: Paper Manufacturing**

Industries in the Paper Manufacturing subsector make pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one is often carried out in a single establishment. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. The manufacturing of converted paper products involves converting paper and other materials by various cutting and shaping techniques and includes coating and laminating activities.

### **323: Printing and Related Support Activities**

Industries in the Printing and Related Support Activities subsector print products, such as newspapers, books, labels, business cards, stationery, business forms, and other materials, and perform support activities, such as data imaging, platemaking services, and bookbinding. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations

### **324: Petroleum and Coal Products Manufacturing**

The Petroleum and Coal Products Manufacturing subsector is based on the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining that involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

### **325: Chemical Manufacturing**

The Chemical Manufacturing subsector is based on the transformation of organic and inorganic raw materials by a chemical process and the formulation of products. This subsector distinguishes the production of basic chemicals that comprise the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry groups.

### **326: Plastics and Rubber Products Manufacturing**

Industries in the Plastics and Rubber Products Manufacturing subsector make goods by processing plastics materials and raw rubber. The core technology employed by establishments in this subsector is that of plastics or rubber product production. Plastics and rubber are combined in the same subsector because plastics are increasingly being used as a substitute for rubber; however, the subsector is generally restricted to the production of products made of just one material, either solely plastics or rubber.

### **327: Nonmetallic Mineral Product Manufacturing**

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption.

### **County Breakdown**

This portion of the Manufacturing industry has no jobs or payroll businesses in Esmeralda county. This includes all the subsectors listed here between NAICS 321 and 327. The only numbers reported for these sections are imports. Chemical Manufacturing imports the most, at \$2.4 million. The second highest is Petroleum and Coal Products Manufacturing at \$1.3 million. After that, there is a notable drop to the next highest imported industry: Plastics and Rubber Products Manufacturing, at \$739k. All industries report imports, with the lowest amount of imports here being \$95k. There are no taxes collected for this industry.



Table 70. Esmeralda County NAICS Sector 32, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>321: Wood Product Manufacturing</b>	0	0	0	\$0	\$0
<b>322: Paper Manufacturing</b>	0	0	0	\$0	\$0
<b>323: Printing and Related Support Activities</b>	0	0	0	\$0	\$0
<b>324: Petroleum and Coal Products Manufacturing</b>	0	0	0	\$0	\$0
<b>325: Chemical Manufacturing</b>	0	0	0	\$0	\$0
<b>326: Plastics and Rubber Products Manufacturing</b>	0	0	0	\$0	\$0
<b>327: Nonmetallic Mineral Product Manufacturing</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 71. Esmeralda County NAICS Sector 32, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>321</b>	\$0	\$0	\$0	\$216,345	\$0
<b>322</b>	\$0	\$0	\$0	\$291,503	\$0
<b>323</b>	\$0	\$0	\$0	\$95,006	\$0
<b>324</b>	\$0	\$0	\$0	\$1,287,747	\$0
<b>325</b>	\$0	\$0	\$0	\$2,415,258	\$0
<b>326</b>	\$0	\$0	\$0	\$739,528	\$0
<b>327</b>	\$0	\$0	\$0	\$590,112	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 65. Esmeralda County NAICS Sector 32 Total Jobs by 3-Digit Sector, 2011 to 2021

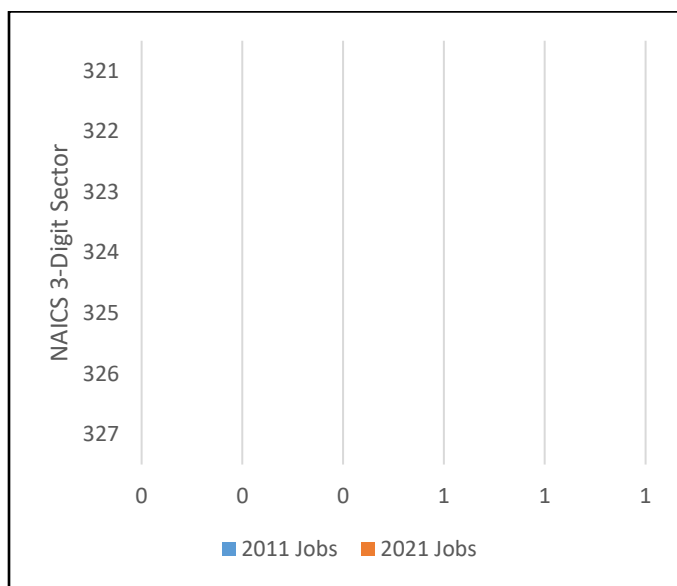
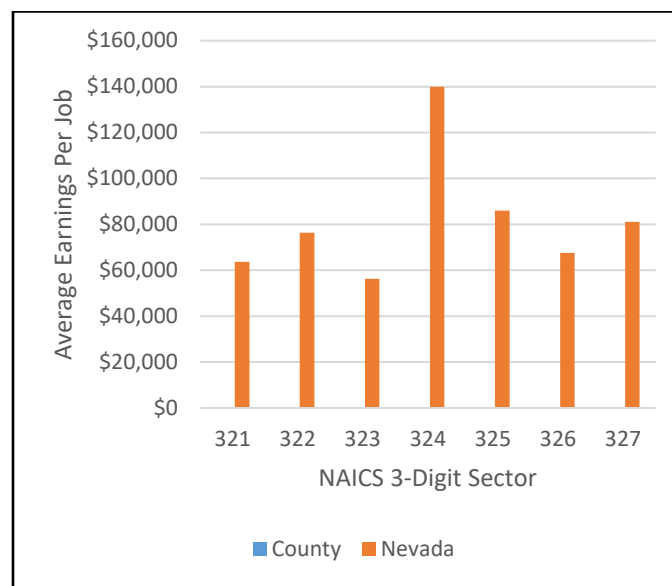


Figure 66. Esmeralda County vs State Comparison, NAICS Sector 32, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 33: Manufacturing**

*The Manufacturing sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified in Sector 23, Construction.*

Note: Sectors 31, 32, and 33 all fall under the same ‘Manufacturing’ 2-digit heading.

### **331: Primary Metal Manufacturing**

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and super alloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

### **332: Fabricated Metal Product Manufacturing**

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture, or treat metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

### **334: Computer and Electronic Product Manufacturing**

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained.

### **County Breakdown**

This portion of the Manufacturing industry provides Esmeralda with no jobs, and no payroll businesses. There is also no sales reported for this subsector and only has imports reported. The highest reported imports come from Machinery Manufacturing at 1.8M. Imports are reported for all subsectors here.

### **335: Electrical Equipment, Appliance, and Component Manufacturing**

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

### **336: Transportation Equipment Manufacturing**

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

### **337: Furniture and Related Product Manufacturing**

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan.

### **339: Miscellaneous Manufacturing**

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries.

Table 72. Esmeralda County NAICS Sector 33, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>331: Primary Metal Manufacturing</b>	0	0	0	\$0	\$0
<b>332: Fabricated Metal Product Manufacturing</b>	0	0	0	\$0	\$0
<b>333: Machinery Manufacturing</b>	0	0	0	\$0	\$0
<b>334: Computer and Electronic Product Manufacturing</b>	0	0	0	\$0	\$0
<b>335: Electrical Equipment, Appliance, and Component Manufacturing</b>	0	0	0	\$0	\$0
<b>336: Transportation Equipment Manufacturing</b>	0	0	0	\$0	\$0
<b>337: Furniture and Related Product Manufacturing</b>	0	0	0	\$0	\$0
<b>339: Miscellaneous Manufacturing</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 73. Esmeralda County NAICS Sector 33, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>331</b>	\$0	\$0	\$0	\$382,602	\$0
<b>332</b>	\$0	\$0	\$0	\$1,076,475	\$0
<b>333</b>	\$0	\$0	\$0	\$1,846,505	\$0
<b>334</b>	\$0	\$0	\$0	\$494,834	\$0
<b>335</b>	\$0	\$0	\$0	\$209,937	\$0
<b>336</b>	\$0	\$0	\$0	\$1,652,185	\$0
<b>337</b>	\$0	\$0	\$0	\$144,058	\$0
<b>339</b>	\$0	\$0	\$0	\$354,575	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 67 Esmeralda County NAICS Sector 33 Total Jobs by 3-Digit Sector, 2011 to 2021

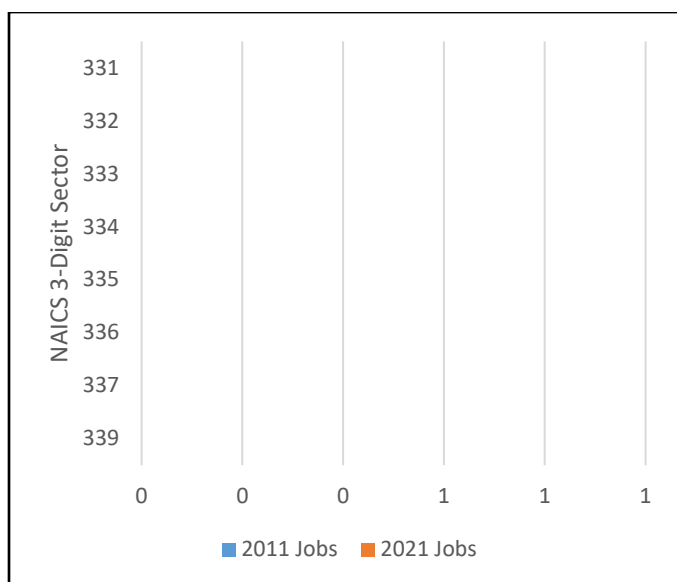
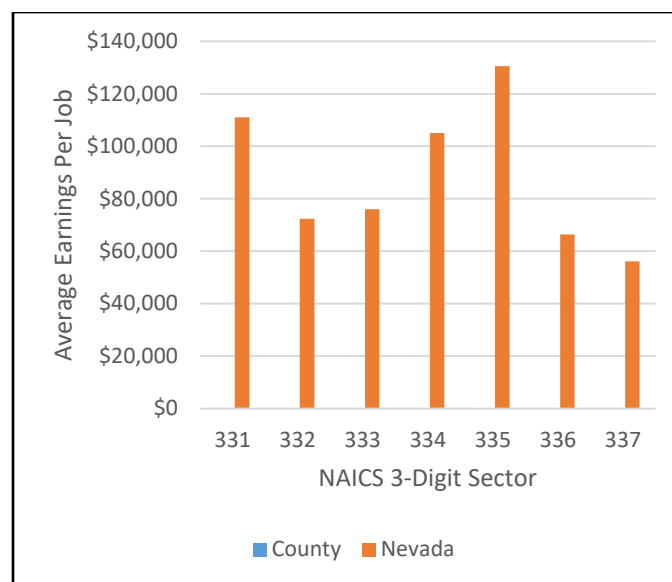


Figure 68. Esmeralda County vs State Comparison, NAICS Sector 33, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 42: Wholesale Trade**

*The Wholesale Trade sector comprises establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The merchandise described in this sector includes the outputs of agriculture, mining, manufacturing, and certain information industries, such as publishing.*

### **423: Merchant Wholesalers, Durable Goods**

Industries in the Merchant Wholesalers, Durable Goods subsector sell capital or durable goods to other businesses. Merchant wholesalers generally take title to the goods that they sell; in other words, they buy and sell goods on their own account. Durable goods are new or used items generally with a normal life expectancy of three years or more.

### **424: Merchant Wholesalers, Nondurable Goods**

Industries in the Merchant Wholesalers, Nondurable Goods subsector sell nondurable goods to other businesses. Nondurable goods are items generally with a normal life expectancy of less than three years. Nondurable goods merchant wholesale trade establishments are engaged in wholesaling products, such as paper and paper products, chemicals and chemical products, drugs, textiles and textile products, apparel, footwear, groceries, farm products, petroleum and petroleum products, alcoholic beverages, books, magazines, newspapers, flowers and nursery stock, and tobacco products.

### **425: Wholesale Electronic Markets and Agents and Brokers**

Industries in the Wholesale Electronic Markets and Agents and Brokers subsector arrange for the sale of goods owned by others, generally on a fee or commission basis. They act on behalf of the buyers and sellers of goods. This subsector contains agents and brokers as well as business-to-business electronic markets that facilitate wholesale trade.

### **County Breakdown**

The Wholesale Trade industry provides Esmeralda with 1 payroll business and no jobs. The 1 business is in the subsector of Wholesale Electronic Markets and Agents and Brokers. At the same time, this is the subsector here that reports the lowest total imports. Merchant Wholesalers of Nondurable Goods report \$3.2 million in imports (no sales) while Merchant Wholesalers of Durable Goods report \$3.1 million in imports (also no sales). Meanwhile, Wholesale Electronic Markets and Agents and Brokers report \$34k in sales and \$102k in imports. The sales are split into 70% in-region sales and 30% exports. This is an import-dominated industry. Taxes collected for this industry total \$212.

Table 74. Esmeralda County NAICS Sector 42, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>423: Merchant Wholesalers, Durable Goods</b>	<10	0	0	\$0	\$38,890
<b>424: Merchant Wholesalers, Nondurable Goods</b>	0	0	0	\$0	\$0
<b>425: Wholesale Electronic Markets and Agents and Brokers</b>	0	0	1	\$0	\$10,984

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 75. Esmeralda County NAICS Sector 42, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>423</b>	\$125,645	\$44,727	\$80,918	\$2,468,501	\$8,326
<b>424</b>	\$0	\$0	\$0	\$3,105,672	\$0
<b>425</b>	\$12,826	\$7,917	\$4,909	\$120,175	\$75

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 69. Esmeralda County NAICS Sector 42 Total Jobs by 3-Digit Sector, 2011 to 2021

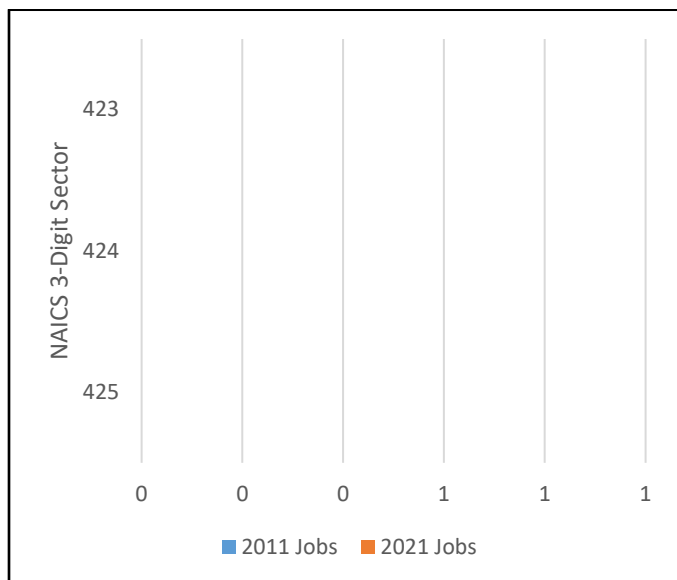
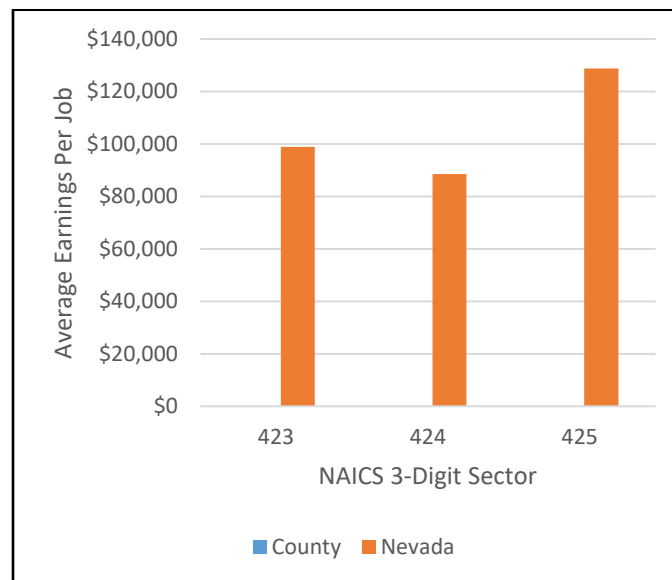


Figure 70. Esmeralda County vs State Comparison, NAICS Sector 42, Average Earnings per Job by 3-Digit Sector, 2021





## **NAICS Sector 44: Retail Trade**

*The Retail Trade sector comprises establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers are, therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers.*

Note: Sectors 44 and 45 fall under the same 'Retail Trade' 2-digit heading.

### **441: Motor Vehicle and Parts Dealers**

Industries in the Motor Vehicle and Parts Dealers subsector retail motor vehicles and parts from fixed point-of-sale locations. Establishments in this subsector typically operate from a showroom and/or an open lot where the vehicles are on display. The display of vehicles and the related parts require little by way of display equipment.

### **442: Furniture and Home Furnishings Stores**

Industries in the Furniture and Home Furnishings Stores subsector retail new furniture and home furnishings from fixed point-of-sale locations. Establishments in this subsector usually operate from showrooms and have substantial areas for the presentation of their products. Many offer interior decorating services in addition to the sale of products.

### **443: Electronics and Appliance Stores**

Industries in the Electronics and Appliance Stores subsector retail new electronics and appliances from point-of sale locations. Establishments in this subsector often operate from locations that have special provisions for floor displays requiring special electrical capacity to accommodate the proper demonstration of the products. The staff includes sales personnel knowledgeable in the characteristics and warranties of the line of goods retailed and may also include trained repair persons to handle the maintenance and repair of the electronic equipment and appliances.

### **444: Building Material and Garden Equipment and Supplies Dealers**

Industries in the Building Material and Garden Equipment and Supplies Dealers subsector retail new building material and garden equipment and supplies from fixed point-of-sale locations. Establishments in this subsector have display equipment designed to handle lumber and related products and garden equipment and supplies that may be kept either indoors or outdoors under covered areas. The staff is usually knowledgeable in the use of the specific products being retailed in the construction, repair, and maintenance of the home and associated grounds.

### **445: Food and Beverage Stores**

Industries in the Food and Beverage Stores subsector usually retail food and beverage merchandise from fixed point-of-sale locations. Establishments in this subsector have special equipment (e.g., freezers, refrigerated display cases, refrigerators) for displaying food and beverage goods.

### **446: Health and Personal Care Stores**

Industries in the Health and Personal Care Stores subsector retail health and personal care merchandise from fixed point-of-sale locations. Establishments in this subsector are characterized principally by the products they retail, and some health and personal care stores may have specialized staff trained in dealing with the products. Staff may include pharmacists, opticians, and other professionals engaged in retailing, advising customers, and/or fitting the product sold to the customer's needs.

### **447: Gasoline Stations**

Industries in the Gasoline Stations subsector retail automotive fuels (e.g., gasoline, diesel fuel, gasohol, alternative fuels) and automotive oils or retail these products in combination with convenience store items. These establishments have specialized equipment for storing and dispensing automotive fuels.

### **448: Clothing and Clothing Accessories Stores**

Industries in the Clothing and Clothing Accessories Stores subsector retail new clothing and clothing accessories from fixed point-of-sale locations. Establishments in this subsector have similar display equipment and staff that is knowledgeable regarding fashion trends and the proper match of styles, colors, and combinations of clothing and accessories to the characteristics and tastes of the customer.

### **County Breakdown**

This portion of the Retail industry provides Esmeralda with 1 payroll business and fewer than 10 jobs. Sales are reported for Gasoline Stations (\$1.9 million) and Food and Beverage Stores (\$90k), but no other subsector. Every subsector, however, reports imports. Taxes collected for this industry total \$351.5k.

Table 76. Esmeralda County NAICS Sector 44, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>441: Motor Vehicle and Parts Dealers</b>	0	0	0	\$0	\$37,957
<b>442: Furniture and Home Furnishings Stores</b>	0	0	0	\$0	\$6,997
<b>443: Electronics and Appliance Stores</b>	0	0	0	\$0	\$0
<b>444: Building Material and Garden Equipment and Supplies Dealers</b>	0	0	0	\$0	\$14,916
<b>445: Food and Beverage Stores</b>	<10	0	0	\$0	\$35,226
<b>446: Health and Personal Care Stores</b>	0	0	0	\$0	\$19,304
<b>447: Gasoline Stations</b>	<10	<10	1	Insf. Data	\$380,817
<b>448: Clothing and Clothing Accessories Stores</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 77. Esmeralda County NAICS Sector 44, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>441</b>	\$97,747	\$54,717	\$43,031	\$821,154	\$14,877
<b>442</b>	\$16,874	\$13,762	\$3,111	\$112,546	\$2,213
<b>443</b>	\$0	\$0	\$0	\$153,450	\$0
<b>444</b>	\$44,406	\$26,718	\$17,688	\$356,935	\$8,264
<b>445</b>	\$89,523	\$17,139	\$72,384	\$606,476	\$10,833
<b>446</b>	\$43,053	\$22,346	\$20,707	\$250,282	\$3,352
<b>447</b>	\$1,871,698	\$284,564	\$1,587,134	\$41,273	\$312,041
<b>448</b>	\$0	\$0	\$0	\$299,980	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 71. Esmeralda County NAICS Sector 44 Total Jobs by 3-Digit Sector, 2011 to 2021

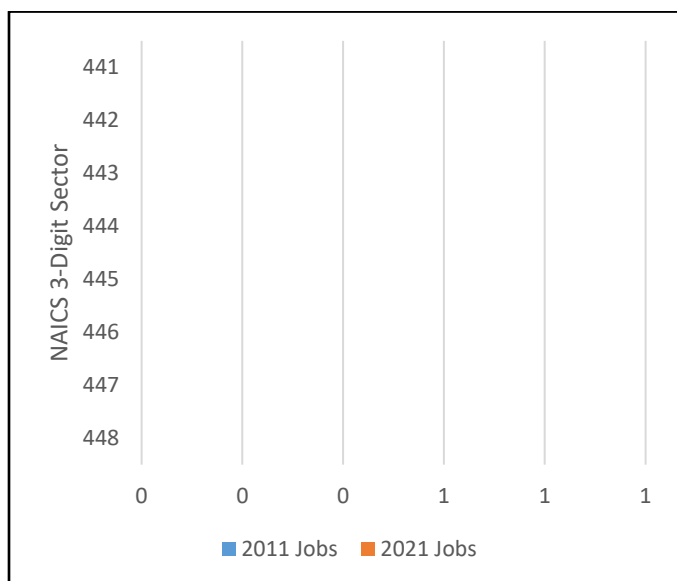
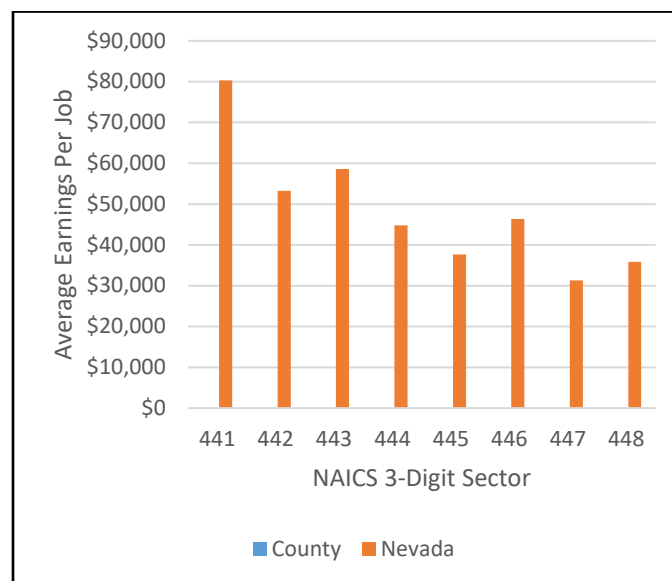


Figure 72. Esmeralda County vs State Comparison, NAICS Sector 44, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 45: Retail Trade**

*The Retail Trade sector comprises establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers are, therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers.*

Note: Sectors 44 and 45 fall under the same ‘Retail Trade’ 2-digit heading.

### **451: Sporting Goods, Hobby, Musical Instrument, and Book Stores**

Industries in the Sporting Goods, Hobby, Musical Instrument, and Book Stores subsector are engaged in retailing and providing expertise on the use of sporting equipment or supplies for other specific leisure activities, such as needlework and musical instruments.

### **452: General Merchandise Stores**

Industries in the General Merchandise Stores subsector retail new general merchandise from fixed point-of-sale locations. Establishments in this subsector are unique in that they have the equipment and staff capable of retailing a large variety of goods from a single location.

### **453 Miscellaneous Store Retailers**

Industries in the Miscellaneous Store Retailers subsector retail merchandise from fixed point-of-sale locations (except new or used motor vehicles and parts; new furniture and home furnishings; new appliances and electronic products; new building materials and garden equipment and supplies; food and beverages; health and personal care goods; gasoline; new clothing and accessories; and new sporting goods, hobby goods, books, and music).

### **454: Nonstore Retailers**

Industries in the Nonstore Retailers subsector retail merchandise using methods, such as the broadcasting of infomercials, the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls, and distribution through vending machines.

### **County Breakdown**

There is very little Retail Trade activity in Esmeralda County, with zero payroll businesses and total industry earnings near \$250,000 through the entire sector.

Table 78. Esmeralda County NAICS Sector 45, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>451: Sporting Goods, Hobby, Musical Instrument, and Book Stores</b>	0	0	0	\$0	\$0
<b>452: General Merchandise Stores</b>	<10	0	0	\$0	\$15,607
<b>453: Miscellaneous Store Retailers</b>	<10	<10	0	Insf. Data	\$161,477
<b>454: Nonstore Retailers</b>	15	0	0	\$0	\$78,277

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 79. Esmeralda County NAICS Sector 45, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>451</b>	\$0	\$0	\$0	\$96,477	\$0
<b>452</b>	\$43,581	\$34,980	\$8,601	\$567,825	\$9,045
<b>453</b>	\$392,060	\$90,111	\$301,950	\$156,949	\$52,399
<b>454</b>	\$342,752	\$132,757	\$209,995	\$605,292	\$23,246

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 73. Esmeralda County NAICS Sector 45 Total Jobs by 3-Digit Sector, 2011 to 2021

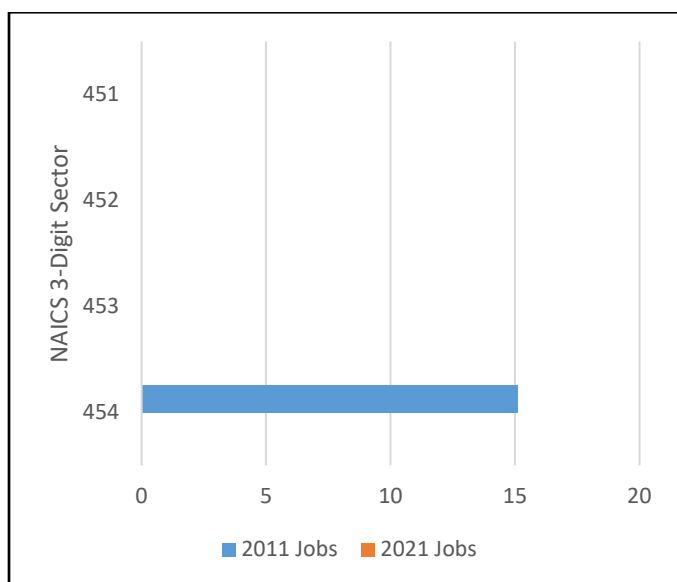
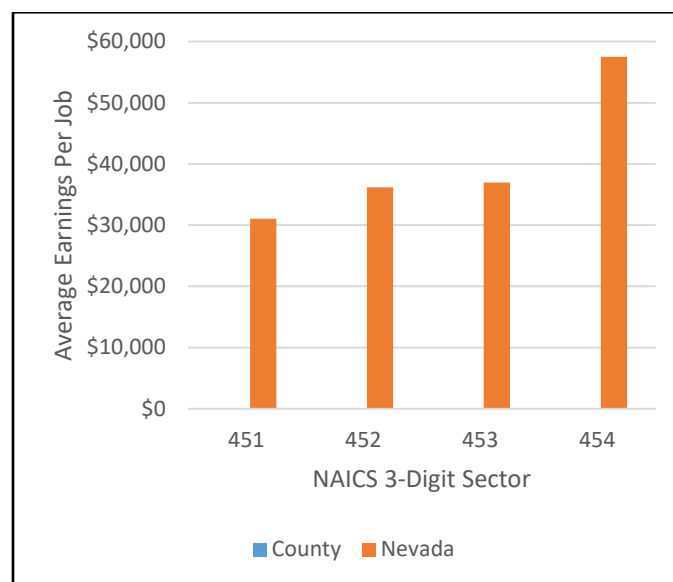


Figure 74. Esmeralda County vs State Comparison, NAICS Sector 45, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 48: Transportation and Warehousing**

*The Transportation and Warehousing sector includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The modes of transportation are air, rail, water, road, and pipeline.*

Note: Sectors 48 and 49 fall under the same 'Transportation and Warehousing' 2-digit heading.

### **481: Air Transportation**

Industries in the Air Transportation subsector provide air transportation of passengers and/or cargo using aircraft, such as airplanes and helicopters. The subsector distinguishes scheduled from nonscheduled air transportation. Scheduled air carriers fly regular routes on regular schedules and operate even if flights are only partially loaded. Nonscheduled carriers often operate during nonpeak time slots at busy airports. These establishments have more flexibility with respect to choice of airport, hours of operation, load factors, and similar operational characteristics.

### **482: Rail Transportation**

Industries in the Rail Transportation subsector provide rail transportation of passengers and/or cargo using railroad rolling stock. The railroads in this subsector primarily either operate on networks, with physical facilities, labor force, and equipment spread over an extensive geographic area, or operate over a short distance on a local rail line.

### **483: Water Transportation**

Industries in the Water Transportation subsector provide water transportation of passengers and cargo using watercraft, such as ships, barges, and boats.

### **484: Truck Transportation**

Industries in the Truck Transportation subsector provide over-the-road transportation of cargo using motor vehicles, such as trucks and tractor trailers. The subsector is subdivided into general freight trucking and specialized freight trucking.

### **485: Transit and Ground Passenger Transportation**

Industries in the Transit and Ground Passenger Transportation subsector include a variety of passenger transportation activities, such as urban transit systems; chartered bus, school bus, and interurban bus transportation; and taxis. These activities are distinguished based primarily on such production process factors as vehicle types, routes, and schedules.

### **486: Pipeline Transportation**

Industries in the Pipeline Transportation subsector use transmission pipelines to transport products, such as crude oil, natural gas, refined petroleum products, and slurry. Industries are identified based on the products transported.

### **488: Support Activities for Transportation**

Industries in the Support Activities for Transportation subsector provide services which support transportation. These services may be provided to transportation carrier establishments or to the general public.

### **County Breakdown**

The Transportation and Warehousing industry provides Esmeralda with 0 payroll business and less than 9 jobs. This is the case for both this portion and the next portion (the next portion not reporting any businesses or jobs). Here, Truck Transportation is the only subsector reporting a payroll business and total jobs. Its total industry earnings are also \$250,717.

Sales total \$854k, and all of this comes from Truck Transportation. Here, sales are broken down into in-region sales of \$139k and exported sales of \$35k. Imports being higher than exports means a higher dollar amount of goods and services flowing *out* rather than *in* (and so not the desired state), but still, exports of over 565.9k is noteworthy.

Taxes collected for this industry total \$36.8k.



Table 80 Esmeralda County NAICS Sector 48, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>481: Air Transportation</b>	0	0	0	\$0	\$63,650
<b>482: Rail Transportation</b>	0	0	0	\$0	\$0
<b>483: Water Transportation</b>	0	<10	0	Insf. Data	\$81,253
<b>484: Truck Transportation</b>	0	<10	0	Insf. Data	\$53,046
<b>485: Transit and Ground Passenger Transportation</b>	0	0	0	\$0	\$9,414
<b>486: Pipeline Transportation</b>	0	0	0	\$0	\$0
<b>487: Scenic and Sightseeing Transportation</b>	0	0	0	\$0	\$0
<b>488: Support Activities for Transportation</b>	0	0	0	\$0	\$43,354

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 81. Esmeralda County NAICS Sector 48, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>481</b>	\$177,165	\$32,401	\$144,764	\$178,138	\$19,476
<b>482</b>	\$0	\$0	\$0	\$246,036	\$0
<b>483</b>	\$410,675	\$73,481	\$337,193	\$65,520	\$15,666
<b>484</b>	\$139,109	\$103,624	\$35,485	\$1,204,647	\$2,197
<b>485</b>	\$17,115	\$14,602	\$2,513	\$143,840	\$543
<b>486</b>	\$0	\$0	\$0	\$109,010	\$0
<b>487</b>	\$0	\$0	\$0	\$3,184	\$0
<b>488</b>	\$110,168	\$64,232	\$45,936	\$212,950	\$1,194

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 75 Esmeralda County NAICS Sector 48 Total Jobs by 3-Digit Sector, 2011 to 2021

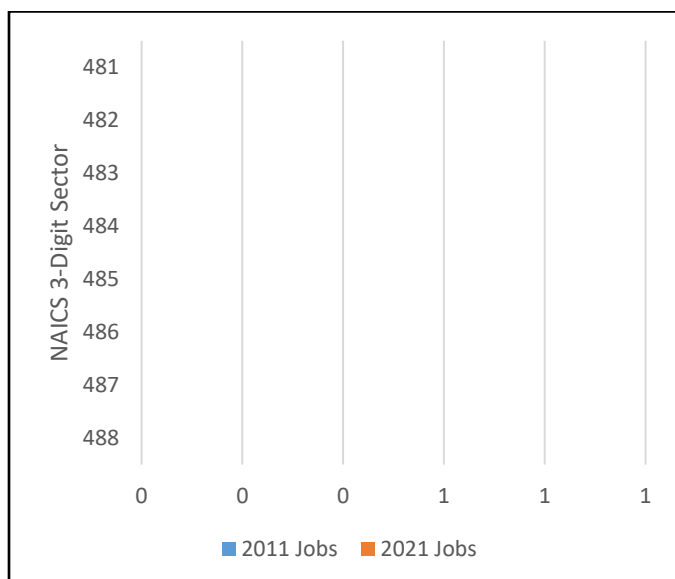
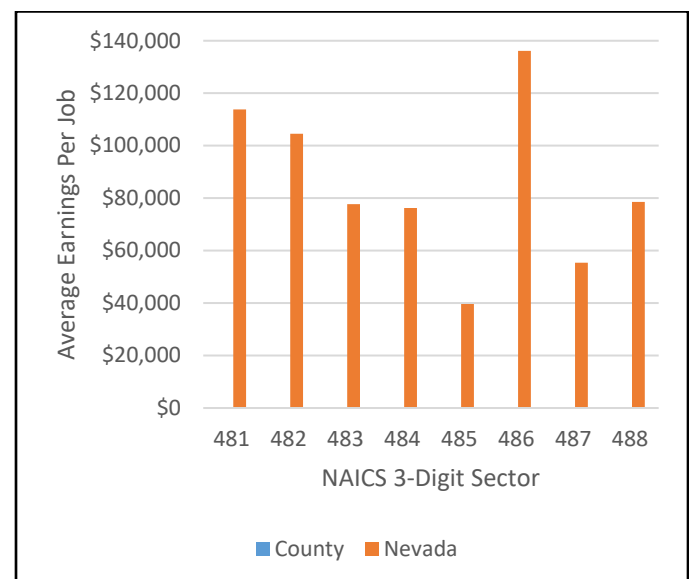


Figure 76. Esmeralda County vs State Comparison, NAICS Sector 48, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 49: Transportation and Warehousing**

*The Transportation and Warehousing sector includes industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation. Establishments in these industries use transportation equipment or transportation related facilities as a productive asset. The type of equipment depends on the mode of transportation. The modes of transportation are air, rail, water, road, and pipeline.*

Note: Sectors 48 and 49 fall under the same 'Transportation and Warehousing' 2-digit heading.

### **491: Postal Service**

The Postal Service subsector includes the activities of the National Post Office and its subcontractors operating under a universal service obligation to provide mail services, and using the infrastructure required to fulfill that obligation. These services include delivering letters and small parcels.

### **492: Couriers and Messengers**

Industries in the Couriers and Messengers subsector provide intercity, local, and/or international delivery of parcels and documents (including express delivery services) without operating under a universal service obligation. These articles may originate in the U.S. but be delivered to another country and can be described as those that may be handled by one person without using special equipment.

### **493: Warehousing and Storage**

Industries in the Warehousing and Storage subsector are primarily engaged in operating warehousing and storage facilities for general merchandise, refrigerated goods, and other warehouse products. These establishments provide facilities to store goods. They do not sell the goods they handle. These establishments take responsibility for storing the goods and keeping them secure.

### **County Breakdown**

This portion of the Transportation and Warehousing industry reports no payroll businesses nor jobs. This is the case in 2021 as it was the case in 2011. The only sales that are reported are in Warehousing and Storage and Couriers and Messengers, at \$237.5k. For this same subsector, imports are relatively high at \$168.6k. Imports are also relatively high for Warehousing and Storage, at \$72.7k.

Taxes collected for this industry total \$2,767.

Table 82. Esmeralda County NAICS Sector 49, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>491: Postal Service</b>	0	0	0	\$0	\$0
<b>492: Couriers and Messengers</b>	0	<10	0	Insf. Data	\$66,725
<b>493: Warehousing and Storage</b>	0	<10	0	Insf. Data	\$47,105

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 83 Esmeralda County NAICS Sector 49, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>491</b>	\$0	\$0	\$0	\$292	\$0
<b>492</b>	\$142,035	\$79,057	\$62,978	\$13,698	\$1,984
<b>493</b>	\$95,537	\$64,193	\$31,344	\$154,982	\$783

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 77. Esmeralda County NAICS Sector 49 Total Jobs by 3-Digit Sector, 2011 to 2021

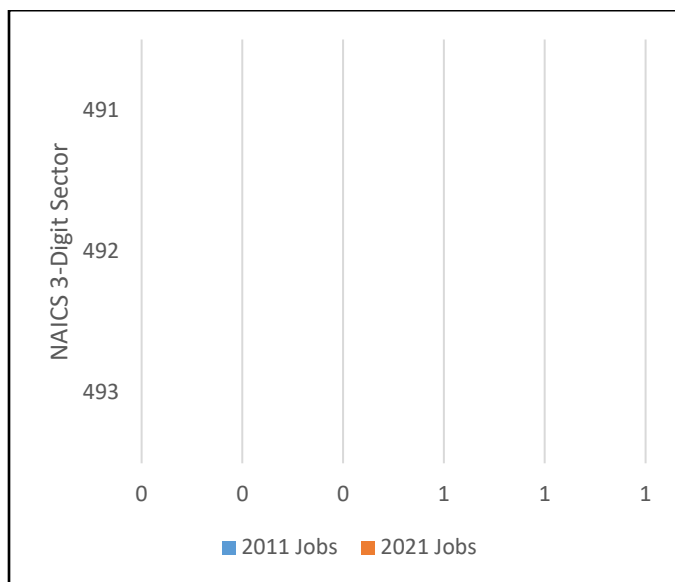
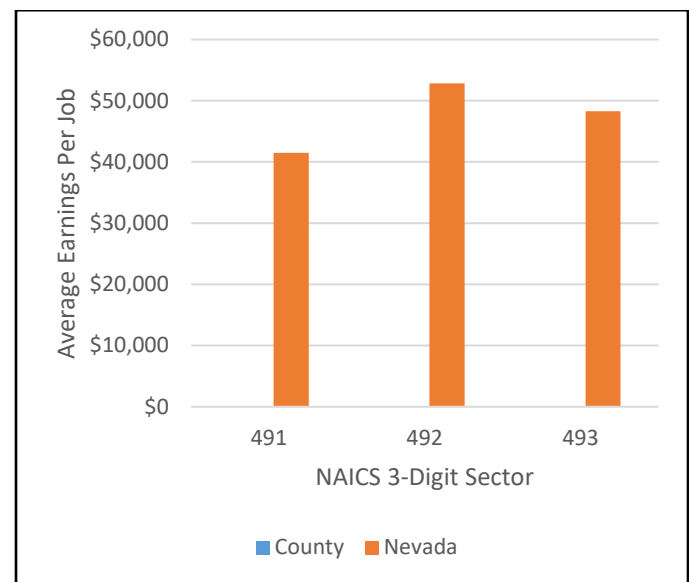


Figure 78. Esmeralda County vs State Comparison, NAICS Sector 49, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 51: Information**

*The Information sector comprises establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data.*

### **511: Publishing Industries (except Internet)**

Industries in the Publishing Industries (except Internet) subsector group establishments engaged in the publishing of newspapers, magazines, other periodicals, and books, as well as directory and mailing list and software publishing. In general, these establishments, which are known as publishers, issue copies of works for which they usually possess copyright.

### **512: Motion Picture and Sound Recording Industries**

Industries in the Motion Picture and Sound Recording Industries subsector group establishments involved in the production and distribution of motion pictures and sound recordings. While producers and distributors of motion pictures and sound recordings issue works for sale as traditional publishers do, the processes are sufficiently different to warrant placing establishments engaged in these activities in a separate subsector.

### **515: Broadcasting (except Internet)**

Industries in the Broadcasting (except Internet) subsector include establishments that create content or acquire the right to distribute content and subsequently broadcast the content. The industry groups (Radio and Television Broadcasting and Cable and Other Subscription Programming) are based on differences in the methods of communication and the nature of services provided. The Radio and Television Broadcasting industry group includes establishments that operate broadcasting studios and facilities for over-the-air or satellite delivery of radio and television programs of entertainment, news, talk, and the like.

### **517: Telecommunications**

Industries in the Telecommunications subsector group establishments that provide telecommunications and the services related to that activity (e.g., telephony, including Voice over Internet Protocol (VoIP); cable and satellite television distribution services; Internet access; telecommunications reselling services)

### **518 Data Processing, Hosting, and Related Services**

Industries in the Data Processing, Hosting, and Related Services subsector group establishments that provide the infrastructure for hosting and/or data processing services.

### **519: Other Information Services**

Industries in the Other Information Services subsector group establishments supplying information, storing and providing access to information, searching and retrieving information, operating Web sites that use search engines to allow for searching information on the Internet, or publishing and/or broadcasting content exclusively on the Internet.

### **County Breakdown**

The Information industry provides Esmeralda with no payroll businesses nor any jobs. This is a change from 2010, where there were at least a few jobs. However, despite no jobs being reported, there were industry earnings being reported of \$51,275k.

Sales total \$267.4k. All of this comes from Broadcasting (except Internet), Telecommunications, and data Processing, Hosting, and Related Services. Of these sales, the majority come from exported sales at \$169.7k, while in-region sales are \$97.6k. Imports are relatively high for each subsector here, with the lowest being Motion Picture and Sound Recording Industries at \$179.6k, and the highest being Telecommunications at \$1.3 million.

Taxes collected for this industry total \$9,157.

Table 84. Esmeralda County NAICS Sector 51, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>511: Publishing Industries (except Internet)</b>	0	0	0	\$0	\$0
<b>512: Motion Picture and Sound Recording Industries</b>	0	0	0	\$0	\$0
<b>515: Broadcasting (except Internet)</b>	0	0	0	\$0	\$21,160
<b>517: Telecommunications</b>	<10	0	0	\$0	\$15,655
<b>518: Data Processing, Hosting, and Related Services</b>	0	0	0	\$0	\$14,460
<b>519: Other Information Services</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 85 Esmeralda County NAICS Sector 51, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>511</b>	\$0	\$0	\$0	\$867,567	\$0
<b>512</b>	\$0	\$0	\$0	\$179,682	\$0
<b>515</b>	\$109,615	\$27,828	\$81,786	\$242,031	\$1,287
<b>517</b>	\$102,155	\$19,917	\$82,238	\$1,261,814	\$7,040
<b>518</b>	\$55,655	\$49,893	\$5,763	\$406,848	\$830
<b>519</b>	\$0	\$0	\$0	\$491,202	\$0

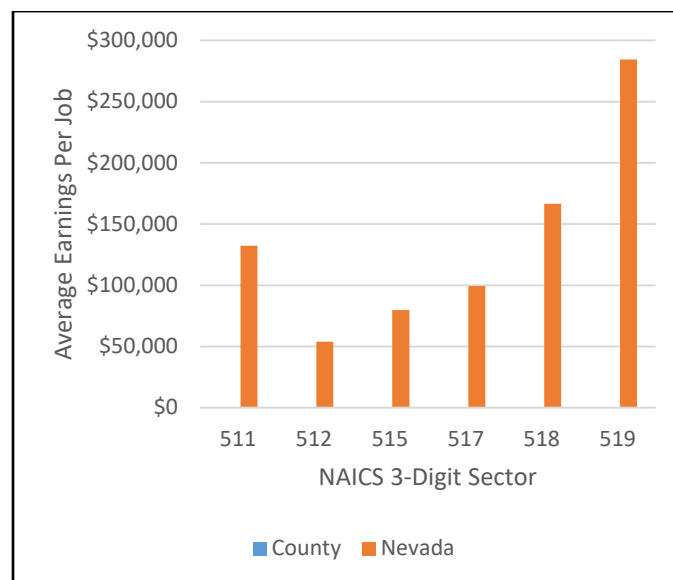
Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 79. Esmeralda County NAICS Sector 51 Total Jobs by 3-Digit Sector, 2011 to 2021



Figure 80. Esmeralda County vs State Comparison, NAICS Sector 51, Average Earnings per Job by 3-Digit Sector, 2021





## **NAICS Sector 52: Finance and Insurance**

*The Finance and Insurance sector comprises establishments primarily engaged in financial transactions (transactions involving the creation, liquidation, or change in ownership of financial assets) and/or in facilitating financial transactions.*

### **521: Monetary Authorities-Central Bank**

The Monetary Authorities-Central Bank subsector groups establishments that engage in performing central banking functions, such as issuing currency, managing the Nation's money supply and international reserves, holding deposits that represent the reserves of other banks and other central banks, and acting as a fiscal agent for the central government.

### **522: Credit Intermediation and Related Activities**

Industries in the Credit Intermediation and Related Activities subsector group establishments that (1) lend funds raised from depositors; (2) lend funds raised from credit market borrowing; or (3) facilitate the lending of funds or issuance of credit by engaging in such activities as mortgage and loan brokerage, clearinghouse and reserve services, and check cashing services.

### **523: Securities, Commodity Contracts, and Other Financial Investments and Related Activities**

Industries in the Securities, Commodity Contracts, and Other Financial Investments and Related Activities subsector group establishments that are primarily engaged in one of the following: (1) underwriting securities issues and/or making markets for securities and commodities; (2) acting as agents (i.e., brokers) between buyers and sellers of securities and commodities; (3) providing securities and commodity exchange services; and (4) providing other services, such as managing portfolios of assets; providing investment advice; and trust, fiduciary, and custody services.

### **524: Insurance Carriers and Related Activities**

Industries in the Insurance Carriers and Related Activities subsector group establishments that are primarily engaged in one of the following: (1) underwriting (assuming the risk, assigning premiums, and so forth) annuities and insurance policies or (2) facilitating such underwriting by selling insurance policies and by providing other insurance and employee benefit related services.

### **525: Funds, Trusts, and Other Financial Vehicles**

Industries in the Funds, Trusts, and Other Financial Vehicles subsector group legal entities (i.e., funds, plans, and/or programs) organized to pool securities or other assets on behalf of shareholders or beneficiaries of employee benefit or other trust funds.

#### **County Breakdown**

The Finance and Insurance sector does not have any payroll businesses nor jobs in Esmeralda County, but it does provide \$212.9k in sales, and several millions of dollars in imports. The total sales come 100% from Securities, Commodity Contracts, and Other Financial Investments and Related Activities (NAICS 523), and these sales are almost split evenly into in-region sales (\$97k) and exported sales (\$115.9k).

Imports are above \$1 million for the three following subsectors: Credit Intermediation and Related Activities; Securities, Commodity Contracts, and Other Financial Investments and Related Activities; and Insurance Carriers and Related Activities.

Taxes collected for this industry total \$1,251.

Table 86. Esmeralda County NAICS Sector 52, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>521: Monetary Authorities-Central Bank</b>	0	0	0	\$0	\$0
<b>522: Credit Intermediation and Related Activities</b>	0	0	0	\$0	\$0
<b>523: Securities, Commodity Contracts, and Other Financial Investments and Related Activities</b>	0	0	0	\$0	\$25,082
<b>524: Insurance Carriers and Related Activities</b>	0	0	0	\$0	\$17,004
<b>525: Funds, Trusts, and Other Financial Vehicles</b>	0	0	0	\$0	\$33,169

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 87. Esmeralda County NAICS Sector 52, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>521</b>	\$0	\$0	\$0	\$18,947	\$0
<b>522</b>	\$0	\$0	\$0	\$1,828,524	\$0
<b>523</b>	\$38,388	\$32,513	\$5,875	\$1,642,413	\$152
<b>524</b>	\$59,304	\$26,350	\$32,954	\$2,193,390	\$664
<b>525</b>	\$115,231	\$38,156	\$77,075	\$384,350	\$435

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 81 Esmeralda County NAICS Sector 52 Total Jobs by 3-Digit Sector, 2011 to 2021

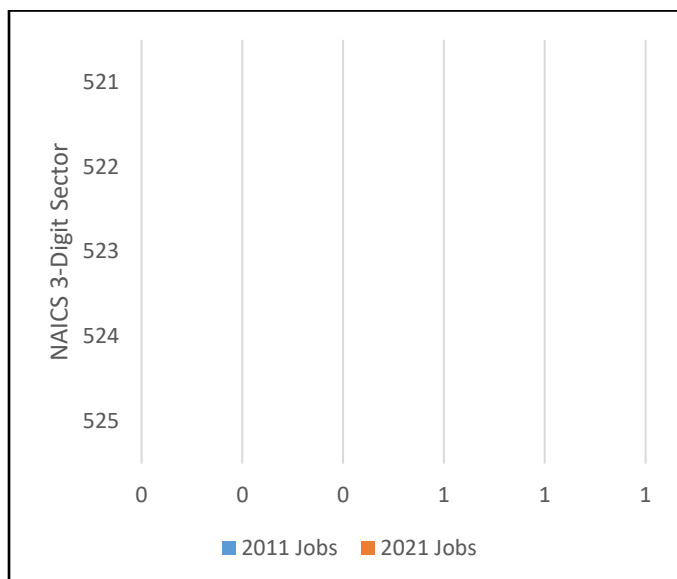
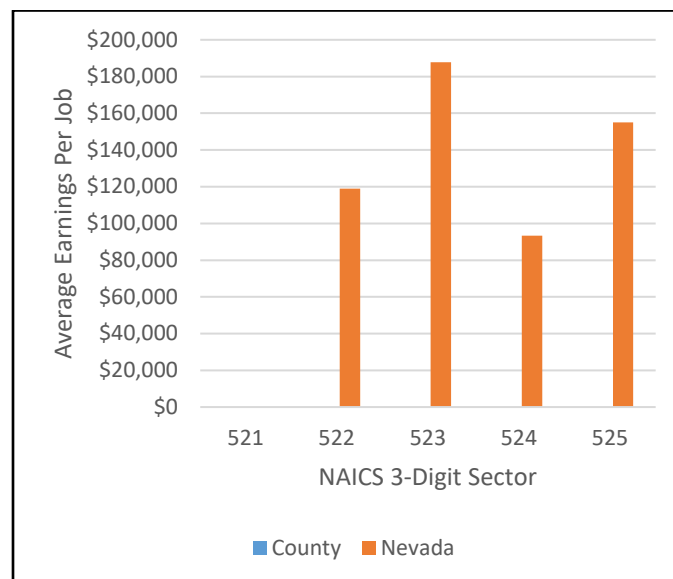


Figure 82. Esmeralda County vs State Comparison, NAICS Sector 52, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 53: Real Estate and Rental and Leasing**

*The Real Estate and Rental and Leasing sector comprises establishments primarily engaged in renting, leasing, or otherwise allowing the use of tangible or intangible assets, and establishments providing related services. The major portion of this sector comprises establishments that rent, lease, or otherwise allow the use of their own assets by others. The assets may be tangible, as is the case of real estate and equipment, or intangible, as is the case with patents and trademarks.*

### **531: Real Estate**

Industries in the Real Estate subsector group establishments primarily engaged in renting or leasing real estate to others; managing real estate for others; selling, buying, or renting real estate for others; and providing other real estate related services, such as appraisal services.

### **532: Rental and Leasing Services**

Industries in the Rental and Leasing Services subsector include establishments that provide a wide array of tangible goods, such as automobiles, computers, consumer goods, and industrial machinery and equipment, to customers in return for a periodic rental or lease payment.

### **533 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)**

Industries in the Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) subsector include establishments primarily engaged in assigning rights to assets, such as patents, trademarks, brand names, and/or franchise agreements, for which a royalty payment or licensing fee is paid to the asset holder. Establishments in this subsector own the patents, trademarks, and/or franchise agreements that they allow others to use or reproduce for a fee and may or may not have created those assets.

### **County Breakdown**

The Real Estate and Rental and Leasing industry does not have any payroll businesses nor jobs in Esmeralda. This is the case for 2021 as it was the case for 2011. Imports are high for Real Estate (\$1.9 million) and Rental and Leasing Services (\$440k) but these two subsectors report little to no sales. The subsector that reports higher sales is Lessors of Nonfinancial Intangible Assets (except Copyrighted Works).

Taxes collected for this industry total \$6,162.

Table 88. Esmeralda County NAICS Sector 53, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>531: Real Estate</b>	0	0	0	\$0	\$41,489
<b>532: Rental and Leasing Services</b>	0	0	0	\$0	\$0
<b>533: Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 89 Esmeralda County NAICS Sector 53, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>531</b>	\$140,156	\$105,237	\$34,919	\$1,867,849	\$6,162
<b>532</b>	\$0	\$0	\$0	\$440,930	\$0
<b>533</b>	\$0	\$0	\$0	\$199,158	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 83. Esmeralda County NAICS Sector 53 Total Jobs by 3-Digit Sector, 2011 to 2021

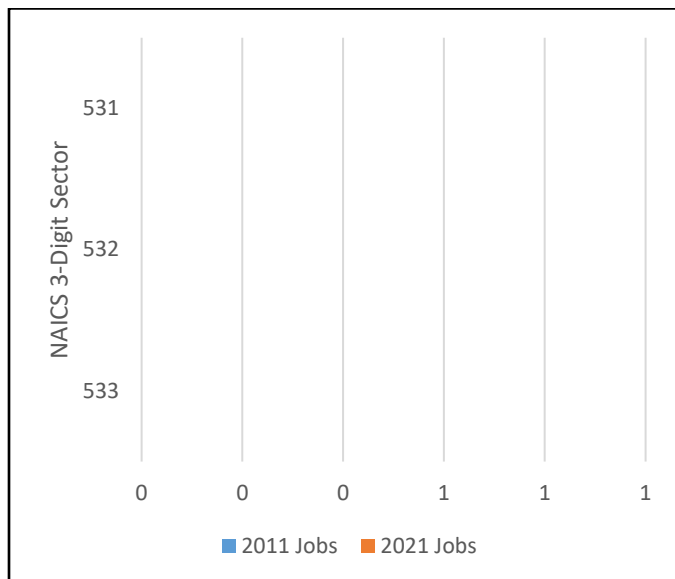
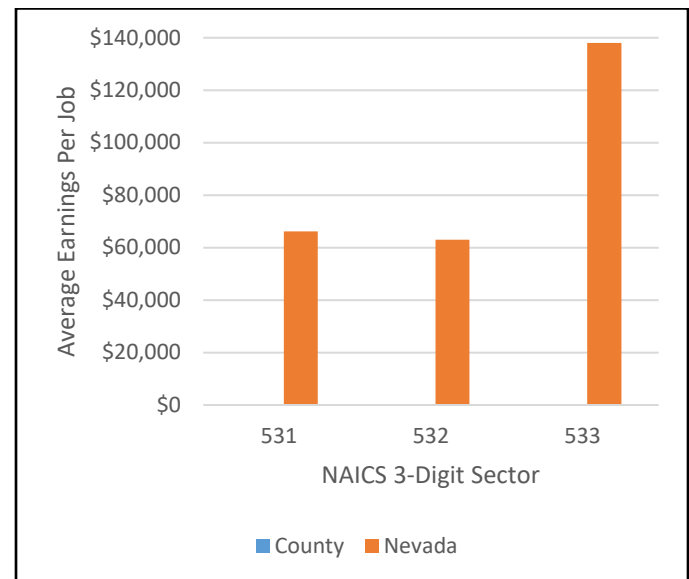


Figure 84. Esmeralda County vs State Comparison, NAICS Sector 53, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 54: Professional, Scientific, and Technical Services**

*The Professional, Scientific, and Technical Services sector comprises establishments that specialize in performing professional, scientific, and technical activities for others. These activities require a high degree of expertise and training. The establishments in this sector specialize according to expertise and provide these services to clients in a variety of industries and, in some cases, to households. Activities performed include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; computer services; consulting services; research services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services.*

### **541: Professional, Scientific, and Technical Services**

Industries in the Professional, Scientific, and Technical Services subsector group establishments engaged in processes where human capital is the major input. These establishments make available the knowledge and skills of their employees, often on an assignment basis, where an individual or team is responsible for the delivery of services to the client.

#### **County Breakdown**

This industry is comprised of one subsector, and it provides Esmeralda with 2 payroll business and 39 jobs. Total industry earnings are high at \$2.8 million, meaning there is a high average earnings per employee.

Sales total \$5.4 million. Three-quarters of this comes from exported sales (\$4.2 million) while the remaining sales come from in-region sales (\$1.2M). Imports are high at \$3.4 million, almost doubling exports. This means more dollars are leaving the region than goods and services are coming in, but there still is a healthy balance between exports and imports.

Taxes collected for this industry total \$82k.



Table 90. Esmeralda County NAICS Sector 54, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>541: Professional, Scientific, and Technical Services</b>	13	39	2	\$71,913	\$2,847,334

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 91. Esmeralda County NAICS Sector 54, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>541</b>	\$5,389,698	\$1,213,201	\$4,176,497	\$3,382,508	\$82,777

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 85. Esmeralda County NAICS Sector 54 Total Jobs by 3-Digit Sector, 2011 to 2021

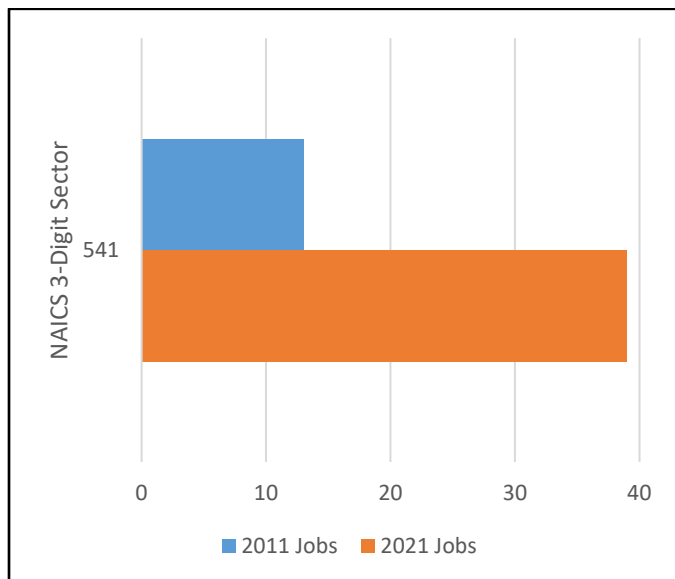
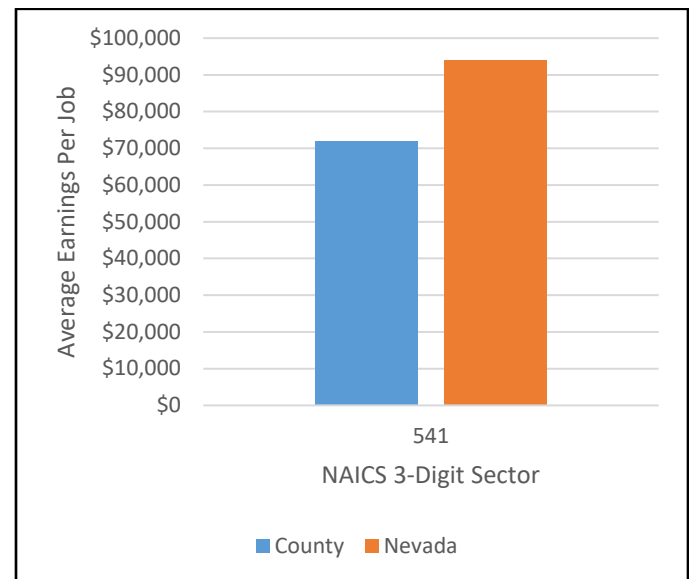


Figure 86. Esmeralda County vs State Comparison, NAICS Sector 54, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 55: Management of Companies and Enterprises**

*The Management of Companies and Enterprises sector comprises (1) establishments that hold the securities of (or other equity interests in) companies and enterprises for the purpose of owning a controlling interest or influencing management decisions or (2) establishments (except government establishments) that administer, oversee, and manage establishments of the company or enterprise and that normally undertake the strategic or organizational planning and decision-making role of the company or enterprise. Establishments that administer, oversee, and manage may hold the securities of the company or enterprise.*

### **551: Management of Companies and Enterprises**

Industries in the Management of Companies and Enterprises subsector include three main types of establishments: (1) those that hold the securities of (or other equity interests in) companies and enterprises; (2) those (except government establishments) that administer, oversee, and manage other establishments of the company or enterprise but do not hold the securities of these establishments; and (3) those that both administer, oversee, and manage other establishments of the company or enterprise and hold the securities of (or other equity interests in) these establishments.

#### **County Breakdown**

The Management of Companies and Enterprises industry is comprised of 1 subsector. In Esmeralda it does not report any activity except imports, which are \$1,293,187.

Table 92. Esmeralda County NAICS Sector 55, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>551: Management of Companies and Enterprises</b>	0	0	0	\$0	\$87,601

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 93 Esmeralda County NAICS Sector 55, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>551</b>	\$157,623	\$107,637	\$49,986	\$1,293,187	\$2,791

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 87. Esmeralda County NAICS Sector 55 Total Jobs by 3-Digit Sector, 2011 to 2021

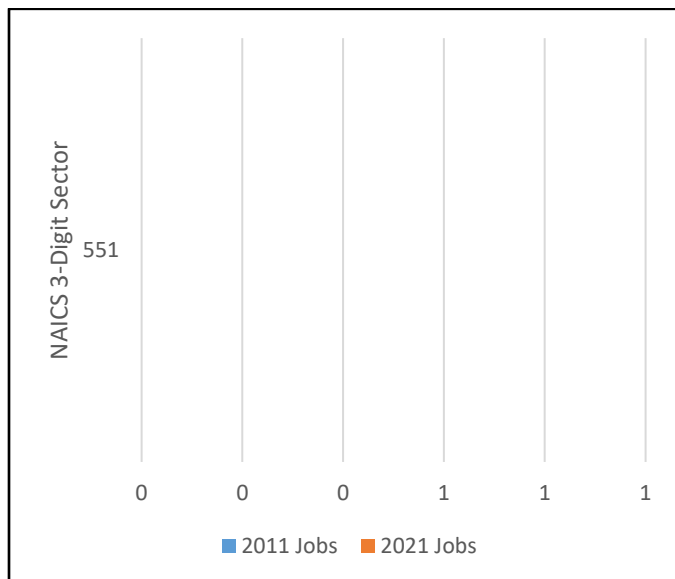
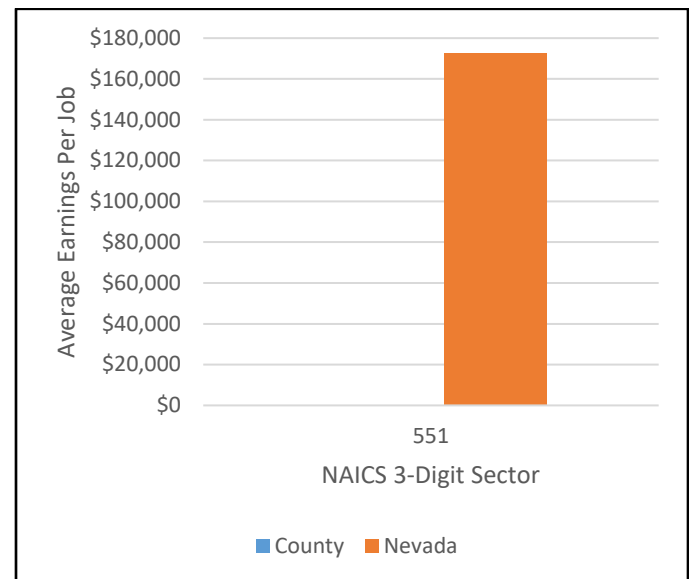


Figure 88. Esmeralda County vs State Comparison, NAICS Sector 55, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 56: Administrative, Support, Waste Management, Remediation Services**

*The Administrative and Support and Waste Management and Remediation Services sector comprises establishments performing routine support activities for the day-to-day operations of other organizations. These essential activities are often undertaken in-house by establishments in many sectors of the economy. The establishments in this sector specialize in one or more of these support activities and provide these services to clients in a variety of industries and, in some cases, to households. Activities performed include: office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services.*

### **561: Administrative and Support Services**

Industries in the Administrative and Support Services subsector group establishments engaged in activities that support the day-to-day operations of other organizations. The processes employed in this sector (e.g., general management, personnel administration, clerical activities, cleaning activities) are often integral parts of the activities of establishments found in all sectors of the economy.

### **562: Waste Management and Remediation Services**

Industries in the Waste Management and Remediation Services subsector group establishments engaged in the collection, treatment, and disposal of waste materials. This includes establishments engaged in local hauling of waste materials; operating materials recovery facilities (i.e., those that sort recyclable materials from the trash stream); providing remediation services (i.e., those that provide for the cleanup of contaminated buildings, mine sites, soil, or ground water); and providing septic pumping and other miscellaneous waste management services.

### **County Breakdown**

The Administrative, Support, Waste Management, Remediation Services sector provides Esmeralda with 1 payroll business and 11 jobs. This is an increase from 2011 when there was less than 9 jobs.

The two subsectors here both report sales numbers and imports. Sales are higher for Administrative and Support Services at \$670k. Majority of this comes from in-region sales while the remaining comes from exported sales. Compare this to the other subsector, Waste Management and Remediation Services, which reports \$31k in total sales, wherein majority is in-region sales, and the remaining is exports.

Imports are higher than total sales in each subsector. Imports for Administrative and Support Services are \$964k, which is higher than the \$670k of total sales. For Waste Management and Remediation Services, imports of \$241k are higher than total sales of \$31k.

Taxes collected for this industry total \$15,427.

Table 94. Esmeralda County NAICS Sector 56, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>561: Administrative and Support Services</b>	<10	11	1	\$26,224	\$336,579
<b>562: Waste Management and Remediation Services</b>	0	0	0	\$0	\$9,938

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 95 Esmeralda County NAICS Sector 56, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>561</b>	\$670,531	\$372,755	\$297,776	\$964,162	\$14,115
<b>562</b>	\$31,635	\$15,334	\$16,301	\$241,267	\$1,312

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 89. Esmeralda County NAICS Sector 56 Total Jobs by 3-Digit Sector, 2011 to 2021

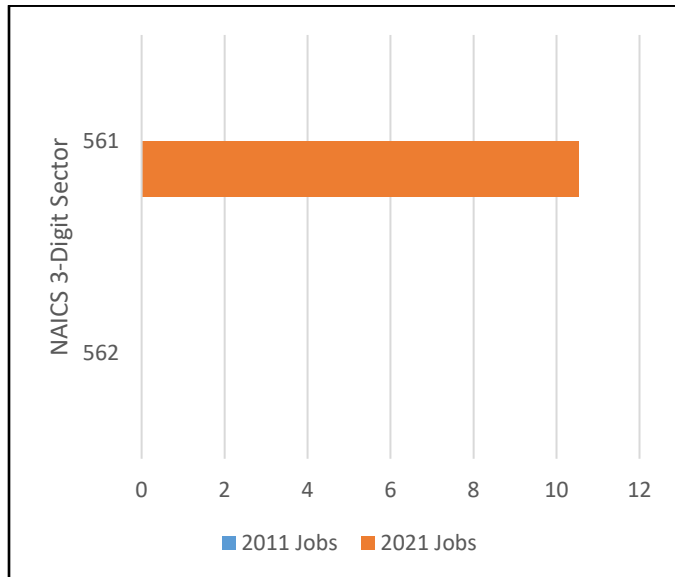
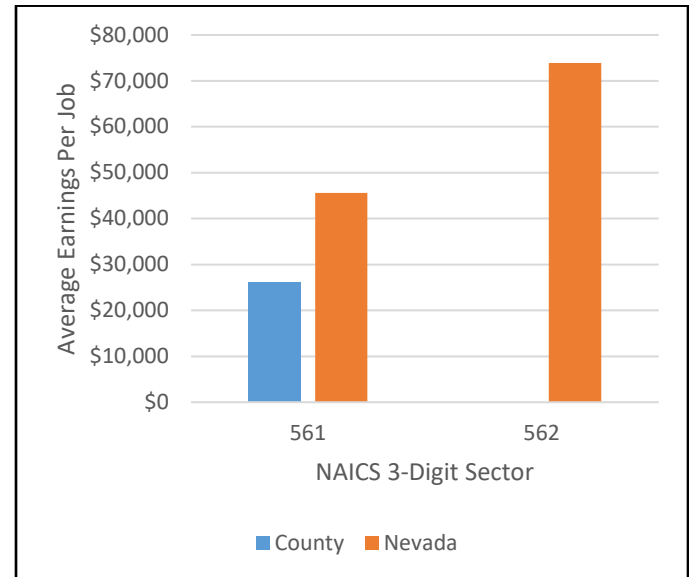


Figure 90. Esmeralda County vs State Comparison, NAICS Sector 56, Average Earnings per Job by 3-Digit Sector, 2021





**NAICS Sector 61: Educational Services**

*The Educational Services sector comprises establishments that provide instruction and training in a wide variety of subjects. This instruction and training is provided by specialized establishments, such as schools, colleges, universities, and training centers. These establishments may be privately owned and operated for profit or not for profit, or they may be publicly owned and operated. They may also offer food and/or accommodation services to their students.*

**611: Educational Services**

Industries in the Educational Services subsector provide instruction and training in a wide variety of subjects. The instruction and training is provided by specialized establishments, such as schools, colleges, universities, and training centers.

**County Breakdown**

In Esmeralda, Educational Services industry, which is comprised of the one subsector, only reports imports of \$667,980.

Table 96. Esmeralda County NAICS Sector 61, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>611: Educational Services</b>	0	<10	0	Insf. Data	\$62,657

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 97. Esmeralda County NAICS Sector 61, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>611</b>	\$68,428	\$64,396	\$4,033	\$667,980	\$361

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 91. Esmeralda County NAICS Sector 61 Total Jobs by 3-Digit Sector, 2011 to 2021

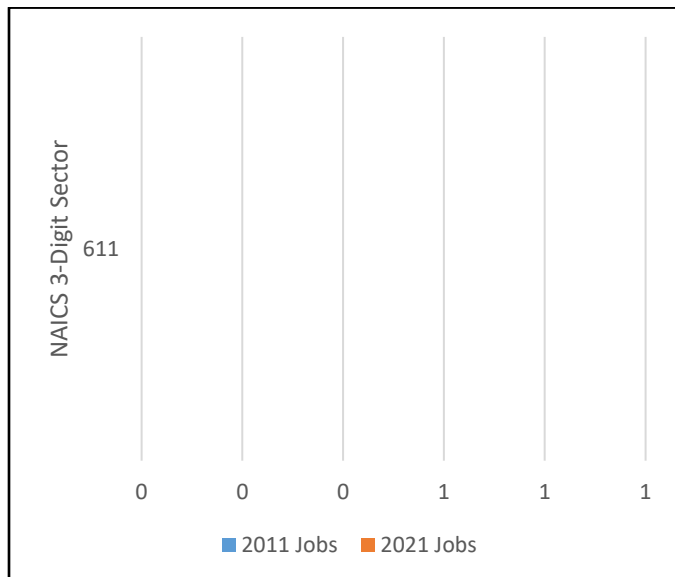
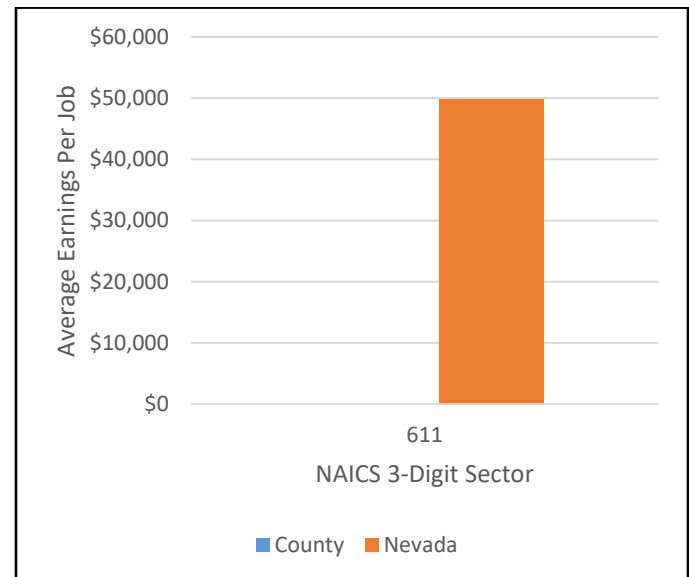


Figure 92. Esmeralda County vs State Comparison, NAICS Sector 61, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 62: Health Care and Social Assistance**

*The Health Care and Social Assistance sector comprises establishments providing health care and social assistance for individuals. The sector includes both health care and social assistance because it is sometimes difficult to distinguish between the boundaries of these two activities. The industries in this sector are arranged on a continuum starting with establishments providing medical care exclusively, continuing with those providing health care and social assistance, and finally finishing with those providing only social assistance. Establishments in this sector deliver services by trained professionals. All industries in the sector share this commonality of process, namely, labor inputs of health practitioners or social workers with the requisite expertise. Many of the industries in the sector are defined based on the educational degree held by the practitioners included in the industry.*

### **621: Ambulatory Health Care Services**

Industries in the Ambulatory Health Care Services subsector provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Health practitioners in this subsector provide outpatient services, with the facilities and equipment not usually being the most significant part of the production process.

#### **County Breakdown**

The Health Care and Social Assistance sector only reports imports for Esmeralda. Highest to lowest, the imports are as follows: Ambulatory Health Care Services (\$2.5 million); Hospitals (\$2.1 million); Nursing and Residential Care Facilities (\$561k); Social Assistance (\$568k).

### **622: Hospitals**

Industries in the Hospitals subsector provide medical, diagnostic, and treatment services that include physician, nursing, and other health services to inpatients and the specialized accommodation services required by inpatients. Hospitals may also provide outpatient services as a secondary activity.

### **623: Nursing and Residential Care Facilities**

Industries in the Nursing and Residential Care Facilities subsector provide residential care combined with either nursing, supervisory, or other types of care as required by the residents. In this subsector, the facilities are a significant part of the production process, and the care provided is a mix of health and social services with the health services being largely some level of nursing services.

### **624: Social Assistance**

Industries in the Social Assistance subsector provide a wide variety of social assistance services directly to their clients. These services do not include residential or accommodation services, except on a short-stay basis.

Table 98. Esmeralda County NAICS Sector 62, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>621: Ambulatory Health Care Services</b>	0	0	0	\$0	\$0
<b>622: Hospitals</b>	0	0	0	\$0	\$0
<b>623: Nursing and Residential Care Facilities</b>	0	0	0	\$0	\$0
<b>624: Social Assistance</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 99. Esmeralda County NAICS Sector 62, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>621</b>	\$0	\$0	\$0	\$2,500,290	\$0
<b>622</b>	\$0	\$0	\$0	\$2,109,583	\$0
<b>623</b>	\$0	\$0	\$0	\$561,830	\$0
<b>624</b>	\$0	\$0	\$0	\$568,705	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 93. Esmeralda County NAICS Sector 62 Total Jobs by 3-Digit Sector, 2011 to 2021

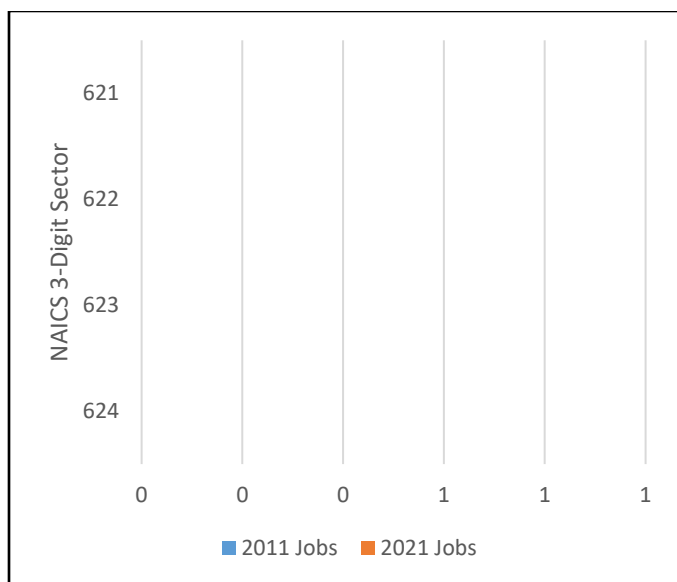
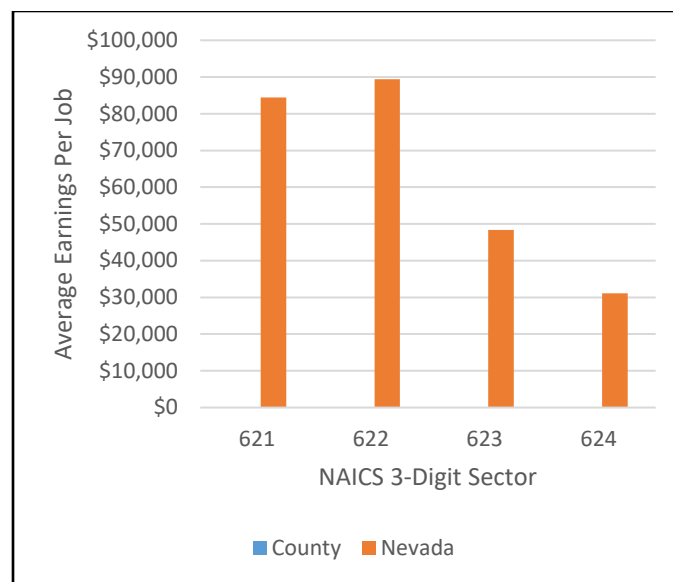


Figure 94. Esmeralda County vs State Comparison, NAICS Sector 62, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 71: Arts, Entertainment, and Recreation**

*The Arts, Entertainment, and Recreation sector includes a wide range of establishments that operate facilities or provide services to meet varied cultural, entertainment, and recreational interests of their patrons. This sector comprises (1) establishments that are involved in producing, promoting, or participating in live performances, events, or exhibits intended for public viewing; (2) establishments that preserve and exhibit objects and sites of historical, cultural, or educational interest; and (3) establishments that operate facilities or provide services that enable patrons to participate in recreational activities or pursue amusement, hobby, and leisure-time interests.*

### **711: Performing Arts, Spectator Sports, and Related Industries**

Industries in the Performing Arts, Spectator Sports, and Related Industries subsector group establishments that produce or organize and promote live presentations involving the performances of actors and actresses, singers, dancers, musical groups and artists, athletes, and other entertainers, including independent (i.e., freelance) entertainers and the establishments that manage their careers. The classification recognizes four basic processes: (1) producing (i.e., presenting) events; (2) organizing, managing, and/or promoting events; (3) managing and representing entertainers; and (4) providing the artistic, creative and technical skills necessary to the production of these live events. Also, this subsector contains four industries for performing arts companies. Each is defined on the basis of the particular skills of the entertainers involved in the presentations.

### **712: Museums, Historical Sites, and Similar Institutions**

Industries in the Museums, Historical Sites, and Similar Institutions subsector engage in the preservation and exhibition of objects, sites, and natural wonders of historical, cultural, and/or educational value.

### **713: Amusement, Gambling, and Recreation Industries**

Industries in the Amusement, Gambling, and Recreation Industries subsector (1) operate facilities where patrons can primarily engage in sports, recreation, amusement, or gambling activities and/or (2) provide other amusement and recreation services, such as supplying and servicing amusement devices in places of business operated by others; operating sports teams, clubs, or leagues engaged in playing games for recreational purposes; and guiding tours without using transportation equipment.

### **County Breakdown**

The Arts, Entertainment, and Recreation sector provides Esmeralda 0 jobs. The subsector that reports sales is Performing Arts, Spectator Sports, and Related Industries (20.4k). Imports for that subsector are at 109k and exports equal 11.3k. All three subsectors report imports. The Amusement, Gambling, and Recreation Industry subsector (which does not report sales) reports the highest imports at \$241k.

Taxes collected for this industry total \$946.

Table 100 Esmeralda County NAICS Sector 71, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>711: Performing Arts, Spectator Sports, and Related Industries</b>	0	0	0	\$0	\$18,303
<b>712: Museums, Historical Sites, and Similar Institutions</b>	0	0	0	\$0	\$0
<b>713: Amusement, Gambling, and Recreation Industries</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 101 Esmeralda County NAICS Sector 71, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>711</b>	\$20,474	\$9,223	\$11,251	\$109,758	\$946
<b>712</b>	\$0	\$0	\$0	\$29,776	\$0
<b>713</b>	\$0	\$0	\$0	\$241,010	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 95 Esmeralda County NAICS Sector 71 Total Jobs by 3-Digit Sector, 2011 to 2021

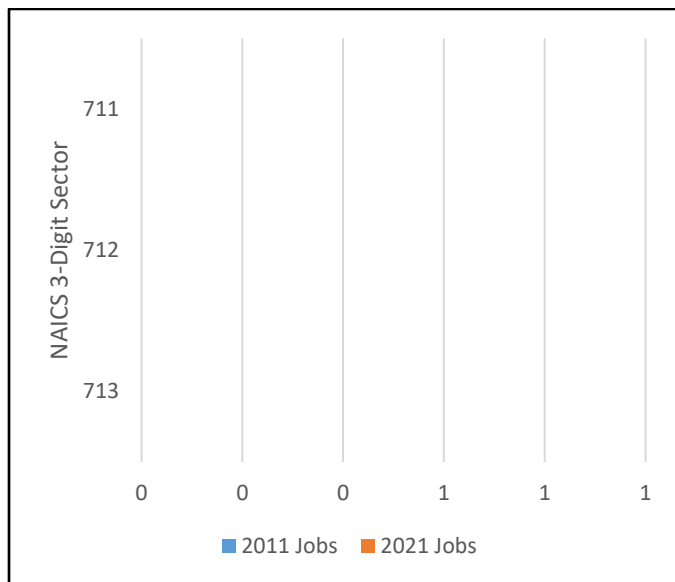
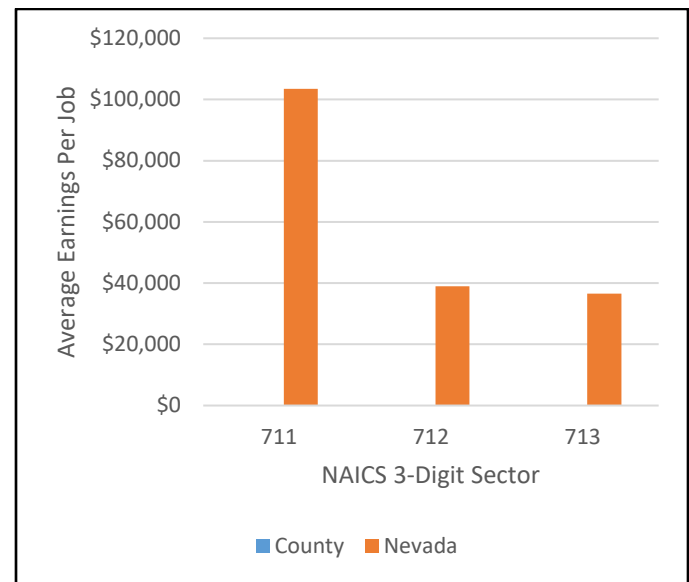


Figure 96 Esmeralda County vs State Comparison, NAICS Sector 71, Average Earnings per Job by 3-Digit Sector, 2021





## **NAICS Sector 72: Accommodation and Food Services**

*The Accommodation and Food Services sector comprises establishments providing customers with lodging and/or preparing meals, snacks, and beverages for immediate consumption. The sector includes both accommodation and food services establishments because the two activities are often combined at the same establishment.*

### **721: Accommodation**

Industries in the Accommodation subsector provide lodging or short-term accommodations for travelers, vacationers, and others. There is a wide range of establishments in these industries. Some provide lodging only, while others provide meals, laundry services, and recreational facilities, as well as lodging. Lodging establishments are classified in this subsector even if the provision of complementary services generates more revenue.

### **722: Food Services and Drinking Places**

Industries in the Food Services and Drinking Places subsector prepare meals, snacks, and beverages to customer order for immediate on-premises and off-premises consumption. There is a wide range of establishments in these industries. Some provide food and drink only, while others provide various combinations of seating space, waiter/waitress services, and incidental amenities, such as limited entertainment.

### **County Breakdown**

The Accommodation and Food Services sector provides Esmeralda with 1 payroll businesses and between 1 and 9 jobs. Sales total \$440k, and are split down the middle between the two subsectors: Accommodation (\$146.7k) and Food Services (\$293.7k). Accommodation reports higher in-region sales while Food Services and Drinking Places report higher exported sales. When it comes to imports, Food Services and Drinking Places report \$1.6 million in imports, and Accommodation reports \$164k.

Taxes collected for this industry total \$52,889.

Table 102. Esmeralda County NAICS Sector 72, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>721: Accommodation</b>	<10	0	0	\$0	\$53,790
<b>722: Food Services and Drinking Places</b>	<10	<10	1	Insf. Data	\$152,801

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 103 Esmeralda County NAICS Sector 72, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>721</b>	\$146,707	\$144,050	\$2,657	\$164,198	\$31,236
<b>722</b>	\$293,720	\$77,246	\$216,473	\$1,559,083	\$21,653

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 97. Esmeralda County NAICS Sector 72 Total Jobs by 3-Digit Sector, 2011 to 2021

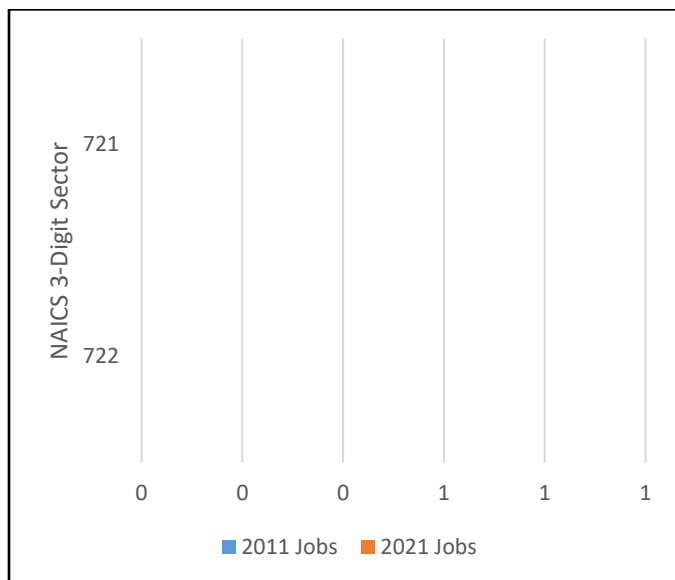
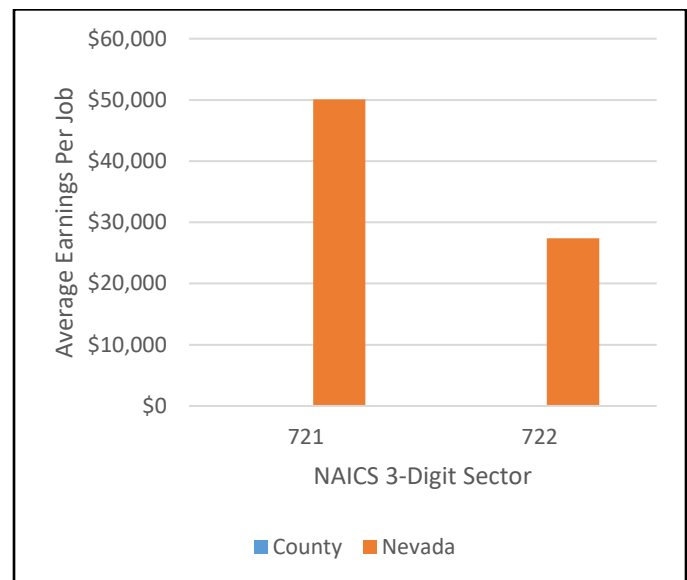


Figure 98. Esmeralda County vs State Comparison, NAICS Sector 72, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 81: Other Services (Except Public Administration)**

*The Other Services (except Public Administration) sector comprises establishments engaged in providing services not specifically provided for elsewhere in the classification system. Establishments in this sector are primarily engaged in activities such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services.*

### **811: Repair and Maintenance**

Industries in the Repair and Maintenance subsector restore machinery, equipment, and other products to working order. These establishments also typically provide general or routine maintenance (i.e., servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs.

### **812: Personal and Laundry Services**

Industries in the Personal and Laundry Services subsector group establishments that provide personal and laundry services to individuals, households, and businesses. Services performed include: personal care services; death care services; laundry and dry-cleaning services; and a wide range of other personal services, such as pet care (except veterinary) services, photofinishing services, temporary parking services, and dating services.

### **813: Religious, Grantmaking, Civic, Professional, and Similar Organizations**

Industries in the Religious, Grantmaking, Civic, Professional, and Similar Organizations subsector group establishments that organize and promote religious activities; support various causes through grantmaking; advocate various social and political causes; and promote and defend the interests of their members.

### **814 Private Households**

Industries in the Private Households subsector include private households that engage in employing workers on or about the premises in activities primarily concerned with the operation of the household. These private households may employ individuals, such as cooks, maids, butlers, and outside workers, such as gardeners, caretakers, and other maintenance workers.

#### **County Breakdown**

The Other Services sector provides a varied amount of jobs to Esmeralda. Most of these come from the Repair and Maintenance subsector, which provides 14 jobs. This is an increase from 2011, when there was less than 10 jobs coming from this subsector. This is also the same subsector that reports \$910k in sales. Compare this to the Personal and Laundry Services subsector which reports the next highest total sales, at \$460k. For all subsectors here, exported sales are higher than in-region sales. Only for Repair and Maintenance however, are imports lower than exports. In three of the four subsectors, imports are above \$162.5k.

Taxes collected for this industry total \$96,753.

Table 104. Esmeralda County NAICS Sector 81, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>811: Repair and Maintenance</b>	<10	14	0	\$31,997	\$464,908
<b>812: Personal and Laundry Services</b>	0	<10	0	Insf. Data	\$219,368
<b>813: Religious, Grantmaking, Civic, Professional, and Similar Organizations</b>	0	<10	0	Insf. Data	\$72,391
<b>814: Private Households</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 105. Esmeralda County NAICS Sector 81, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>811</b>	\$910,250	\$204,806	\$705,444	\$162,825	\$68,427
<b>812</b>	\$468,198	\$156,425	\$311,773	\$283,409	\$27,743
<b>813</b>	\$202,563	\$198,009	\$4,554	\$324,379	\$583
<b>814</b>	\$0	\$0	\$0	\$62,645	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 99. Esmeralda County NAICS Sector 81 Total Jobs by 3-Digit Sector, 2011 to 2021

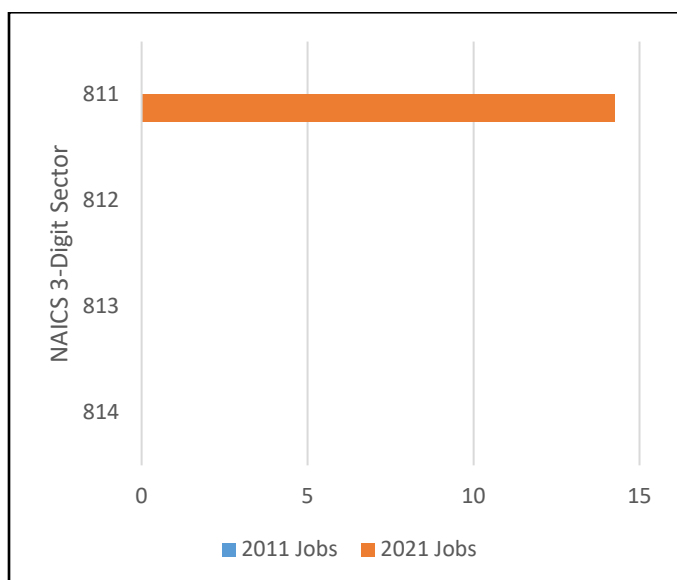
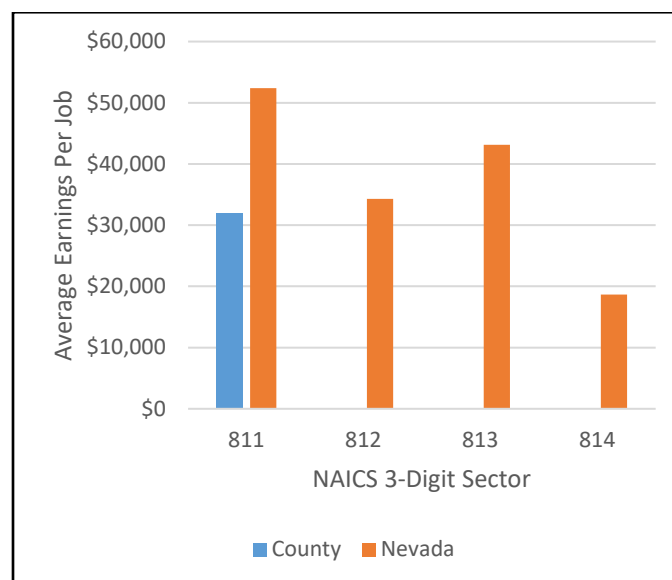


Figure 100. Esmeralda County vs State Comparison, NAICS Sector 81, Average Earnings per Job by 3-Digit Sector, 2021



## **NAICS Sector 90: Public Administration**

*The Public Administration sector consists of establishments of federal, state, and local government agencies that administer, oversee, and manage public programs and have executive, legislative, or judicial authority over other institutions within a given area. These agencies also set policy, create laws, adjudicate civil and criminal legal cases, and provide for public safety and for national defense. In general, government establishments in the Public Administration sector oversee governmental programs and activities that are not performed by private establishments. Establishments in this sector typically are engaged in the organization and financing of the production of public goods and services, most of which are provided for free or at prices that are not economically significant.*

The official NAICS handbook uses NAICS Code 92 – Public Administration. The above definition comes from that. NAICS 90 was created by EMSI to not only simplify the coding process, but also to handle the data similarly to other respected data entities, such as the BEA, CES, and OES.

EMSI's reasoning of the change to code 90:

*NAICS is intended to classify an establishment's activity regardless of its ownership (public or private sector) or legal form of organization (proprietorship, partnership, corporation, for-profit, nonprofit, etc.). However, due to the realities of available data, Emsi treats establishments with public and private sector ownership differently. In Emsi data, all establishments in the main NAICS hierarchy are private-sector only — including 611 (Educational Services) and 62 (Health Care and Social Assistance). Thus, Emsi does not use the standard NAICS classification in code 92 (Public Administration). This handling is similar to Current Employment Statistics (CES), Occupational Employment Statistics (OES), and BEA data sources. QCEW is the major data source that does use code 92, because QCEW includes an "ownership code" (private, federal, state, local) in addition to an industry code.*

<https://kb.economicmodeling.com/how-do-ems-naics-differ-from-standard-naics/>

### **901: Federal Government**

This industry comprises all federal government entities.

### **902: State Government**

This industry group comprises state-level establishments.

### **903: Local Government**

This industry group comprises local-level government agencies.

#### **County Breakdown**

The Government and Public Administration sector provides Esmeralda with 5 payroll businesses and over 146 jobs. This is a increase from the 112 jobs in 2011. Average earnings for Local Government is high.

Local Government reports the highest sales at \$35.6 million. Federal Government reports the second highest sales at \$964.2k. State Government does not report any sales for Esmeralda, but it does report \$3.5 million in imports. The Federal Government also reports high total imports, at \$11 million, while Local Government, which reports the highest sales, reports the lowest imports.

Table 106. Esmeralda County NAICS Sector 90, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>901: Federal Government</b>	<10	<10	3	Insf. Data	\$226,363
<b>902: State Government</b>	0	0	0	\$0	\$0
<b>903: Local Government</b>	112	146	2	\$91,701	\$13,465,585

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Table 107. Esmeralda County NAICS Sector 90, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>901</b>	\$964,209	\$154,355	\$809,854	\$11,005,395	\$0
<b>902</b>	\$0	\$0	\$0	\$3,482,314	\$0
<b>903</b>	\$35,626,904	\$9,300,613	\$26,326,291	\$5,817,110	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '<10' show

Figure 101. Esmeralda County NAICS Sector 90 Total Jobs by 3-Digit Sector, 2011 to 2021

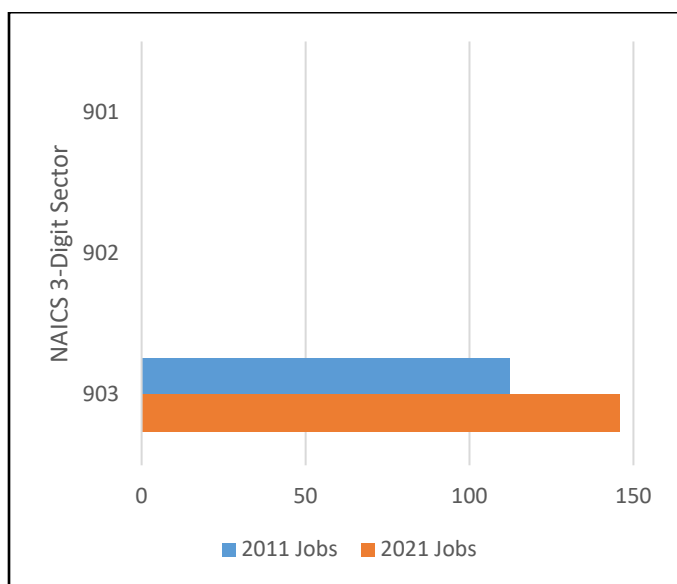
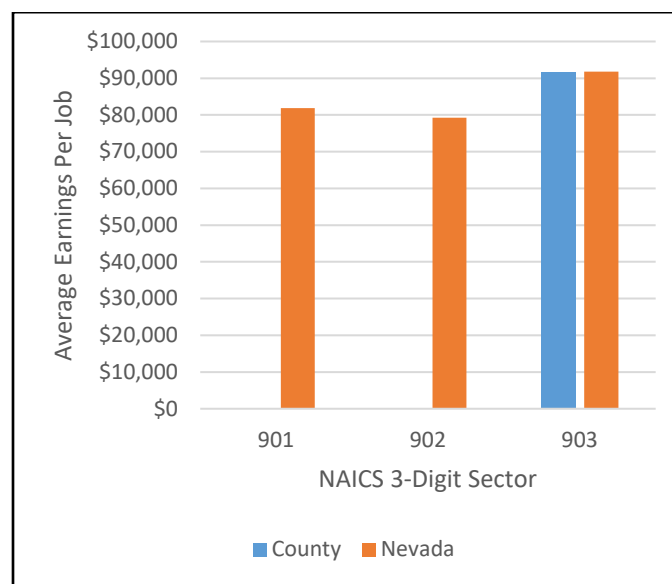


Figure 102. Esmeralda County vs State Comparison, NAICS Sector 90, Average Earnings per Job by 3-Digit Sector, 2021





## **NAICS Sector 99: Unclassified**

*Establishments falling under this sector have yet to be defined under official NAICS standards.*

### **999: Unclassified Industry**

Establishments falling under this sector have yet to be defined under official NAICS standards. All industries under this heading will eventually be removed, added to one of the preceding NAICS sectors.

#### **County Breakdown**

In Esmeralda there is no activity nor data for Unclassified industries.

Table 108 Esmeralda County NAICS Sector 99, 3-Digit Snapshot: Jobs and Earnings, 2021

NAICS	2011 Jobs	2021 Jobs	Payroll Businesses	Average Earnings/Job	Total Industry Earnings
<b>999: Unclassified Industry</b>	0	0	0	\$0	\$0

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Table 109 Esmeralda County NAICS Sector 99, 3-Digit Snapshot: Sales, Imports, and Taxes, 2021

NAICS	Total Sales	In-Region Sales	Exported Sales	Imports	Taxes Paid
<b>999</b>	Insf. Data	Insf. Data	Insf. Data	Insf. Data	Insf. Data

Source: Emsi Burning Glass 2022.1

For those industries where data was suppressed, 'Insf. Data' or '&lt;10' show

Figure 103. Esmeralda County NAICS Sector 99 Total Jobs by 3-Digit Sector, 2011 to 2021

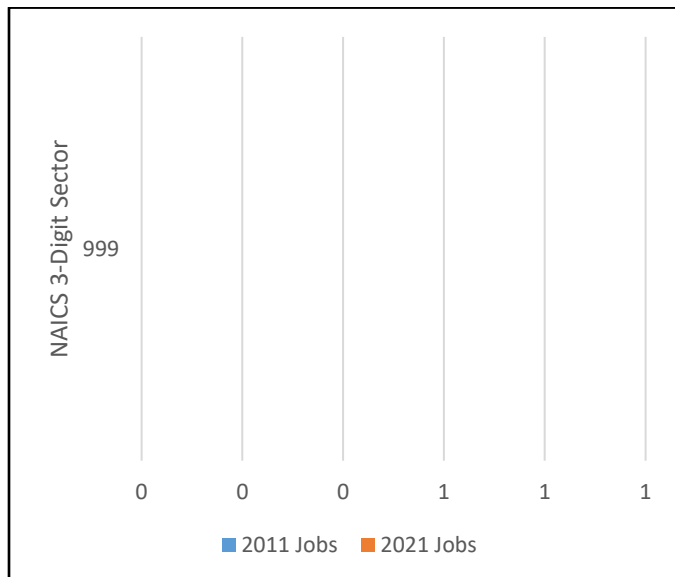
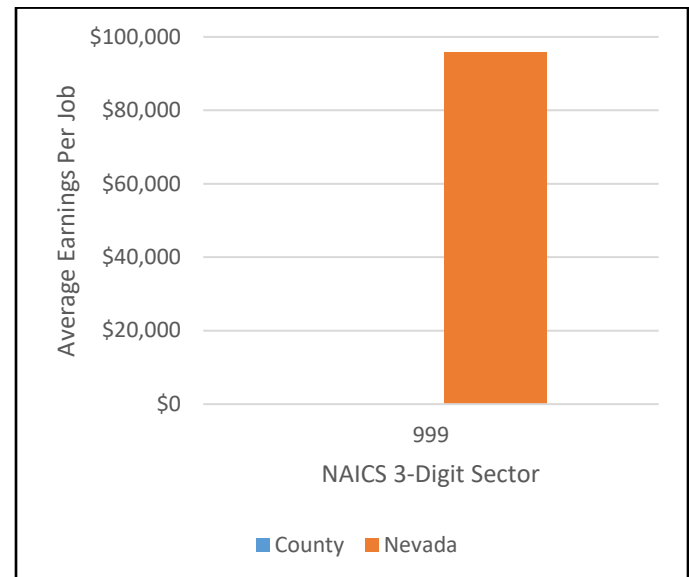


Figure 104. Esmeralda County vs State Comparison, NAICS Sector 99, Average Earnings per Job by 3-Digit Sector, 2021





# Land Use and Fiscal Characteristics

This section includes measures of land use within the county and various fiscal measurements. Under the land portion, measures include: land ownership, land coverage, federal land payments, and the distribution of those payments. Under the fiscal heading, measures include: taxable sales, ad valorem, gaming taxes, and the revenue, expenditure, and balance of the county general fund.

Measures of land use are important for private sector and government parties interested in development or reorganization. Segmented zones such as the residential, business and commercial, industrial, and recreational, require identification of the layout of the land. Furthermore, anything government-based, such as construction involved with roads or utilities, is important for community planning as well as businesses working around new construction.



Land Use and Fiscal Characteristics

Data in this section is sourced from:

- Headwaters Economics’ Economic Profile System
- Nevada Department of Taxation
- Nevada Gaming Control Board
- U.S. Geological Survey

This Section Contains:

Land Management ..... 107

Land Coverage ..... 108

Federal Land Payments ..... 109

Distribution of Federal Land Payments ..... 110

Consolidated Tax Distribution Overview ..... 111

Taxable Sales ..... 115

Ad Valorem..... 116

Cannabis Taxable Sales ..... 117

Cannabis Taxation ..... 118

Gaming Win..... 119

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Live Entertainment Taxes in Gaming Establishments ..... 121



County Breakdown

Land Management and Coverage:

Esmeralda’s total land area is 2,160,562 acres. 2.7% is comprised of private lands while 94.1% is comprised of BLM. The federal lands are split into 2.9% Forest Service, 94.1% BLM, and 0.2% National Park Service.

Esmeralda’s total acreage is 2,296,993. Over half of the land is shrubland, at 52%. The next highest portion of the land is grassland, at 26%. 0.4% of the land is forest, while 0.1% is urban, and the remaining 20% of the land is classified as other.

Federal Land Payments:

Between 2003 and 2019, federal land payments have increased from PILT, Forest Service, BLM, and Mineral Royalties. PILT increased by 41.8% from 2003, and in 2019 saw its highest payment in the time period.

Taxation:

Consolidated Tax Distribution is made up mostly from SCCRT which is the main contributor to total consolidated tax distribution. The total consolidated tax distribution has decreased from 2010 to 2021 by 6.1%.

Esmeralda taxable sales increased 171.9% between 2006 and 2021. In 2006, taxable sales were \$11.1 million, and by 2021 taxable sales had become \$30.3 million. In-between that time taxable sales fluctuated.

Gaming:

There has been no data collected for Gaming Win in Esmeralda County between the years 2010- 2021.

There have been no Gaming Taxes collected in Esmeralda County from the years 2010- 2021.

## Land Management

### Definition

Land management is the amount of land managed by entities or individuals.

### Why is it important?

Parties from both the government and the private sector are continually interested in obtaining and expanding property. Land use then helps paint a possible picture to all types of development: housing and residential, business and commercial, industrial, recreational, or anything government-based such as construction involved with roads or utilities. The necessary entity may be consulted for further inquiry regarding availability, accuracy, and purchasing, but the land ownership data itself should act as a baseline for further analyses such as GIS mapping.

### County Breakdown

Esmeralda's total land area is 2,160,562 acres. 2.7% is comprised of private lands while 94.1% is comprised of BLM. The federal lands are split into 2.9% Forest Service, 94.1% BLM, and 0.2% National Park Service. There are no state lands in Esmeralda, nor Conservation Easement lands.

Figure 105. Esmeralda County Percent Distribution of Land Management, 2021

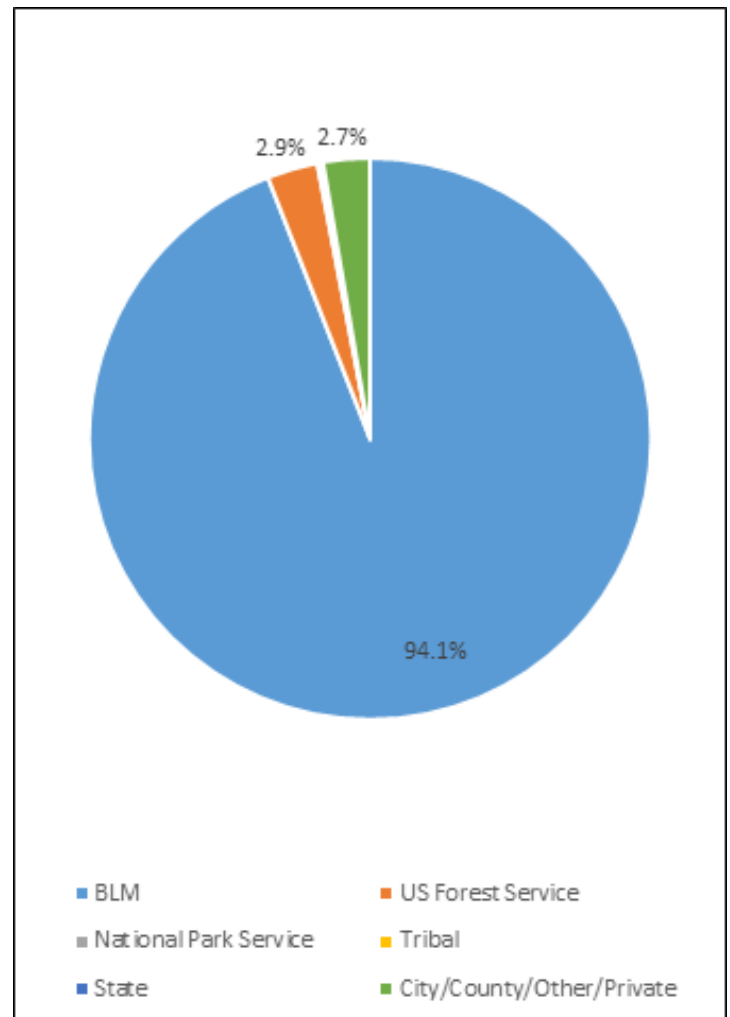


Table 110. Esmeralda County Land Management, 2021

Land Manager	Acres	Percentage
BLM	2,160,562	94.1%
Department of Defense	0	0.0%
US Forest Service	67,053	2.9%
US Fish and Wildlife	0	0.0%
National Park Service	3,777	0.2%
Other Federal	0	0.0%
Tribal	2,998	0.1%
State	840	0.0%
City/County/Other/Private	61,762	2.7%
<b>Total Acreage</b>	<b>2,296,992</b>	<b>100.0%</b>

Source: U.S. Geological Survey (USGS) Gap Analysis Project (GAP), 2021, Protected Areas Database of the United States (PAD-US) 2.1 Spatial Analysis and Statistics: U.S. Geological Survey data release, <https://doi.org/10.5066/P9KJLB3Q>



## Land Coverage

### Definition

Land coverage is the type of land which makes up the county.

### Why is it important?

Land coverage data is useful for companies and government institutions interested in businesses and programs that are dependent on a given type of land. Urban development, for example, may not require an urban land, but might better be performed on grassland or shrubland compared to forest. Along those same lines, forest coverage might be indicative of an all-around more permanent coverage. Tourism also may be affected by the type of land. In any case, land ownership data should be consulted, as well as the individual owners themselves, if further inquiry is necessary. Further analysis, such as that with GIS mapping, should be conducted to get the best scope.

Table 111. Esmeralda County Type of Land Coverage, 2006

2006	Esmeralda
<b>Total Area (Acres)</b>	2,296,993
<b>Forest</b>	0.4%
<b>Grassland</b>	26.0%
<b>Shrubland</b>	52.0%
<b>Mixed Cropland</b>	0.0%
<b>Water</b>	0.0%
<b>Urban</b>	0.1%
<b>Other</b>	20.0%

Source: NASA MODIS Land Cover Type Yearly L3 Global 1km MOD12Q1, 2006, as reported by Headwaters Economics' Economic Profile System ([headwaterseconomics.org/eps](http://headwaterseconomics.org/eps))

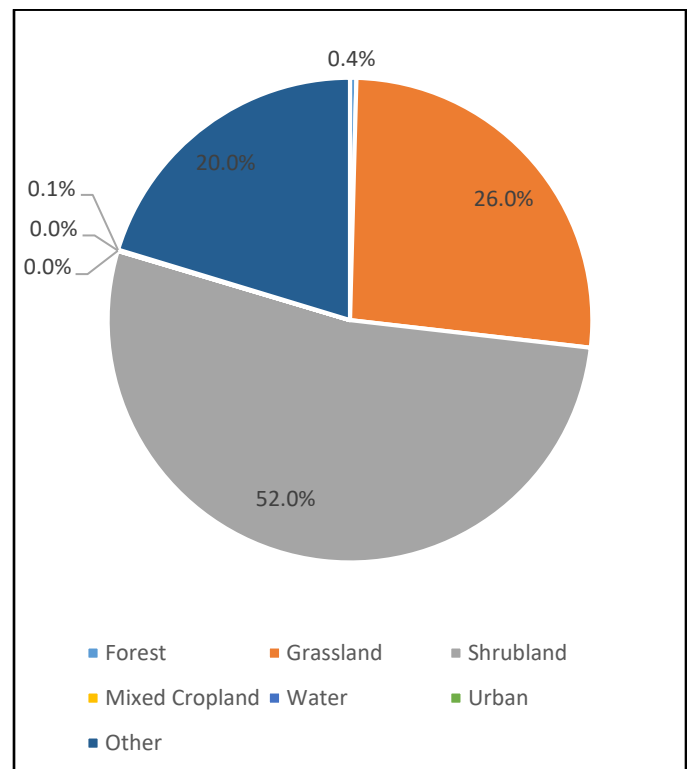


### County Breakdown

Esmeralda's total acreage is 2,296,993. Over half of the land is shrubland, at 52%. The next highest portion of the land is grassland, at 26%. 0.4% of the land is forest, while 0.1% is urban, and the remaining 20% of the land is classified as other.

For comparison, Humboldt County is comprised of a near-split of shrubland and grassland. There is a very small percent of mixed cropland, forest, and water. In Lincoln County two-thirds of the land in the county is shrubland. Just over one-fourth of the county is covered in grasslands. Between Shrubland and grassland, 93% of the county is comprised between shrubland and grassland, leaving 3% to forest and 3% to other, with a minimal of 0.3% in urban coverage. Almost two-thirds of Elko County is grassland (60.0%). Over one-third is shrubland (35.0%). The remaining five percent of the county is split into small percentages of forest, mixed cropland, water, and urban. Similar to Esmeralda's distribution, Nye County is 60% shrubland, and 29% grassland.

Figure 106. Esmeralda County Distribution of Land Coverage, 2006



## Federal Land Payments

### Definition

Federal payments are payments that compensate state and local governments for non-taxable federal lands within their borders. Payments are funded by federal appropriations (e.g., PILT) and from receipts received by federal agencies from activities on federal public lands (e.g., timber, grazing, and minerals). For a further definition on fish and wildlife, forest service, mineral royalties, or PILT, please see Appendix A: Glossary.

### Why is it important?

Monies for each receiver are for reporting, budgeting, and projecting reasons. Entities might be interested in the abundance of certain county resources (e.g. Minerals).

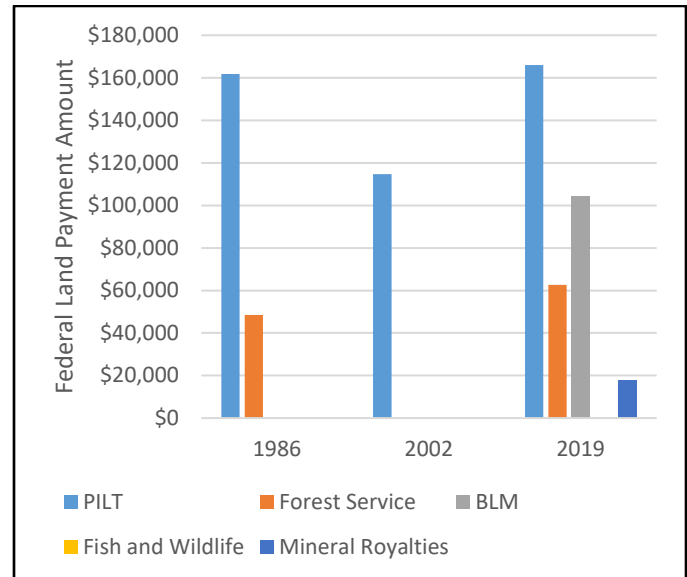
Table 112. Esmeralda County Total Federal Land Payment and Distribution by Origin, 2019

2019	Esmeralda
<b>Total Federal Land Payments</b>	<b>\$350,468</b>
<b>PILT</b>	<b>47.4%</b>
<b>Forest Service Payments</b>	<b>17.9%</b>
<b>BLM Payments</b>	<b>29.7%</b>
<b>USFWS Refuge Payments</b>	<b>0.0%</b>
<b>Federal Mineral Royalties</b>	<b>5.1%</b>

Sources: See below table.

All amounts shown in 2021 dollars

Figure 107. Esmeralda County Distribution of Federal Land Payments by Origin, 1986 to 2019



### County Breakdown

Between 2003 and 2019, federal land payments have increased from PILT, Forest Service, BLM, and Mineral Royalties. PILT increased by 41.8% from 2003, and in 2019 saw its highest payment in the time period.

Table 113. Esmeralda County Federal Land Payments by Origin of Payment, 2003 to 2019

Year	PILT	Forest Service	BLM	Fish and Wildlife	Mineral Royalties	Total Federal Payment
2003	\$117,081	\$32,047	\$0	\$0	\$0	\$149,128
2004	\$117,641	\$31,729	\$15,272	\$0	\$0	\$164,642
2005	\$112,886	\$31,431	\$5,892	\$0	\$0	\$150,209
2006	\$105,691	\$30,618	\$10,354	\$0	\$22,747	\$169,410
2007	\$98,889	\$29,841	\$4,479	\$0	\$17,899	\$151,108
2008	\$150,732	\$42,475	\$16,220	\$0	\$23,557	\$232,984
2009	\$136,453	\$43,571	\$14,535	\$0	\$1,693,912	\$1,888,471
2010	\$123,735	\$43,524	\$7,134	\$0	\$466,646	\$641,039
2011	\$116,152	\$43,851	\$16,430	\$0	\$87,966	\$264,399
2012	\$150,175	\$53,333	\$17,379	\$0	\$68,547	\$289,434
2013	\$144,338	\$48,754	\$30,367	\$0	\$132,878	\$356,337
2014	\$149,728	\$45,779	\$25,562	\$0	\$95,774	\$316,843
2015	\$160,949	\$37,460	\$12,981	\$0	\$50,321	\$261,711
2016	\$160,446	\$43,162	\$23,723	\$0	\$32,447	\$259,778
2017	\$161,862	\$55,347	\$29,179	\$0	\$42,093	\$288,481
2018	\$153,670	\$58,395	\$16,684	\$0	\$26,003	\$254,752
2019	\$166,061	\$62,661	\$103,970	\$0	\$17,776	\$350,468

Sources: U.S. Department of Interior. 2020. Payments in Lieu of Taxes (PILT), Washington, D.C.; U.S. Department of Agriculture. 2020. Forest Service, Washington, D.C.; U.S. Department of Interior. 2018. Bureau of Land Management, Washington, D.C.; U.S. Department of Interior. 2020. U.S. Fish and Wildlife Service, Washington, D.C.; U.S. Department of Interior. 2020. Office of Natural Resources Revenue, Washington, D.C. All amounts are shown in 2021 dollars.

## Distribution of Federal Land Payments

### Definition

Distribution of Federal Land Payments shows the distribution of funds to certain state/local entities. For a further definition on County Government, Grazing Districts, Local School District, Resource Advisory Council, and State Government, please see Appendix A: Glossary.

### Why is it important?

The distribution of federal land payments to certain sectors shows how the money is spent. Future projects and remodeling of the government structure is dependent on how effective past projects were funded while budgets were met.

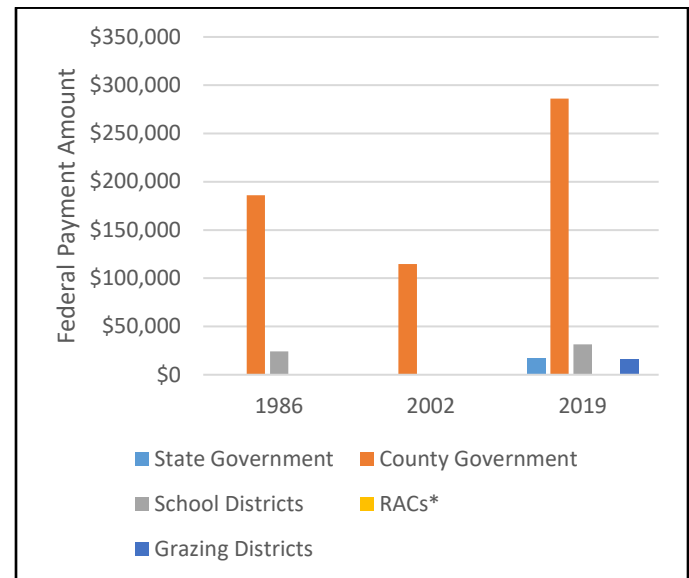
Table 114. Esmeralda County Total Federal Land Payment and Distribution by Receiving Entity, 2019

2019	Esmeralda
<b>Total Federal Land Payments</b>	\$350,468
<b>State Government</b>	4.9%
<b>County Government</b>	81.7%
<b>Local School Districts</b>	8.9%
<b>RACs</b>	0.0%
<b>Grazing Districts</b>	4.5%

Sources: See below table.

All amounts shown in 2021 dollars

Figure 108. Esmeralda County Distribution of Federal Land Payments by Local Entity, 1986 to 2019



### County Breakdown

Between 2003 and 2019, payment distributions have increased to State Government, County Government, School Districts, and Grazing Districts.

Table 115. Esmeralda County Distribution of Federal Land Payments to Local Entities, 2003 to 2019

Year	State Government	County Government	School Districts	RACs*	Grazing Districts	Total Federal Payment
2003	\$0	\$133,105	\$16,023	\$0	\$0	\$149,128
2004	\$0	\$147,824	\$15,864	\$0	\$952	\$164,640
2005	\$0	\$128,708	\$15,716	\$0	\$5,786	\$150,210
2006	\$0	\$143,882	\$15,309	\$0	\$10,220	\$169,411
2007	\$0	\$134,700	\$14,921	\$0	\$1,489	\$151,110
2008	\$0	\$195,528	\$21,238	\$0	\$16,220	\$232,986
2009	\$0	\$1,852,925	\$21,785	\$0	\$13,762	\$1,888,472
2010	\$0	\$612,790	\$21,761	\$0	\$6,487	\$641,038
2011	\$0	\$229,099	\$21,925	\$0	\$13,374	\$264,398
2012	\$4,162	\$246,222	\$26,666	\$0	\$12,385	\$289,435
2013	\$132,878	\$316,533	\$24,377	\$0	\$15,426	\$489,214
2014	\$95,774	\$272,317	\$22,889	\$0	\$4,213	\$395,193
2015	\$50,321	\$232,173	\$18,730	\$0	\$10,806	\$312,030
2016	\$32,447	\$188,047	\$21,581	\$0	\$17,702	\$259,777
2017	\$24,940	\$215,271	\$27,674	\$0	\$20,595	\$288,480
2018	\$21,255	\$196,031	\$29,197	\$0	\$8,268	\$254,751
2019	\$17,242	\$286,207	\$31,331	\$0	\$15,689	\$350,469

Sources: U.S. Department of Interior. 2020. Payments in Lieu of Taxes (PILT), Washington, D.C.; U.S. Department of Agriculture. 2020. Forest Service, Washington, D.C.; U.S. Department of Interior. 2018. Bureau of Land Management, Washington, D.C.; U.S. Department of Interior. 2020. U.S. Fish and Wildlife Service, Washington, D.C.; U.S. Department of Interior. 2020. Office of Natural Resources Revenue, Washington, D.C.

All amounts are shown in 2021 dollars.

\*RACs: Resource Advisory Councils: Funds retained by the federal government to be used on public land projects.

## Consolidated Tax Distribution Overview

Many taxes in Nevada are collected at the local level and are remitted to the State of Nevada for distribution. The Consolidated Tax Distribution (commonly referred to as 'CTX') takes six of the most commonly collected taxes at the county and redistributes the funds back to the local level.

The CTX is a complicated process. This document will attempt to explain some high-level aspects of CTX, but should not be considered an in-depth resource. Please contact the Nevada Department of Taxation for guidance.

### CTX Beginnings

The CTX was passed in the 1997 Nevada Legislature, SB 254, first taking effect in fiscal year 1999. This combined six major taxes into one revenue source for redistribution.

- Government Services Tax (GST)
- Real Property Transfer Tax (RPTT)
- Liquor Tax
- Cigarette Tax
- Supplemental City-County Relief Tax (SCCRT)
- Basic City-County Relief Tax (BCCRT)

CTX collections, allocations, and distributions are regularly changed via bills passed through the Nevada Legislature.

Details may be found in the Nevada Revised Statutes (NRS) 360.600 through 360.740.

### Sources

Nevada Revised Statutes:

<https://www.leg.state.nv.us/Division/Legal/LawLibrary/NRS/index.html>

Senate Bill 254, 1997:

[https://www.leg.state.nv.us/Session/69th1997/97bills/SB/SB254\\_R3.HTM](https://www.leg.state.nv.us/Session/69th1997/97bills/SB/SB254_R3.HTM)

Consolidated Tax Distribution Explanation Presentation:

<http://www.nvnaco.org/wp-content/uploads/NVDept.ofTaxation-CTXPresentation.pdf>

Department of Taxation FAQs:

[https://tax.nv.gov/FAQs/About\\_Taxes\\_FAQ\\_s/](https://tax.nv.gov/FAQs/About_Taxes_FAQ_s/)

Guinn Center, Alcohol Taxes in Nevada:

[https://guinncenter.org/wp-content/uploads/2020/08/Guinn-Center-Liquor-Tax-Revenue-in-Nevada-July-2020\\_Brief.pdf](https://guinncenter.org/wp-content/uploads/2020/08/Guinn-Center-Liquor-Tax-Revenue-in-Nevada-July-2020_Brief.pdf)

### Distribution Types

Each tax type has unique distribution rules and formulas which are applied, however there are three main types of distribution:

- Population-Based
- Point of Origin
- Guaranteed Counties

### Population-Based

Population-Based distribution combines all collected taxes of that component and redistributes back to the counties per the ratio of population.

*Example: Per the 2020 decennial census, Lyon County had a population of 59,235 with Nevada's total population being 3,104,614. This translates to roughly 1.908%. For those CTX components which are population-based, Lyon County would receive 1.908% of the total Nevada collection. (Actual population used is the number certified by the governor each year.)*

Population-based components of the CTX include liquor, cigarette, and part of the BCCRT.

### Point of Origin

Point of Origin distribution is the simplest of the methods. It simply takes the amount collected in a county for a component and gives that same amount back to the county.

Point of origin components include the Government Services Tax, Real Property Transfer Tax, and parts of both the BCCRT and SCCRT.

### Guaranteed Counties

Guaranteed County distribution is solely used in the SCCRT component. Please see a detailed discussion on the CTX Distribution Details page.

## CTX Components

### **Government Services Tax**

The Government Services Tax (GST) is collected by the Department of Motor Vehicles and was previously referred to as the Motor Vehicle Privilege Tax. It is based on the value of the vehicle at time of registration.

The full portion of this CTX component is distributed back to the county of origin.

Details can be found in NRS 482.180 and 482.181.

### **Real Property Transfer Tax**

The Real Property Transfer Tax (RPTT) is the tax paid on real property transfers within each county. Broadly, real property includes the physical land owned and everything permanently attached to it, natural or artificial, and the rights of ownership of real estate.

Examples include mineral rights below the earth's surface, trees growing, and fences and building on the land.

The rate for 14 of the 17 counties for this tax is \$1.95 for each \$500 of value or fraction thereof if the value is over \$100. Washoe and Churchill Counties add \$0.10 to this rate while Clark County adds \$0.60 to the rate.

The **CTX only takes a portion of total RPTT**, equal to \$0.55 per \$500 of value.

The full portion of this CTX component is distributed back to the county of origin.

Details can be found in NRS 375.

### **Liquor Tax**

Liquor taxes are collected on any beverage over one-half of one percent of alcohol by volume. Beers are taxed at \$0.16 per gallon with other alcoholic beverages taxed at rates increasing based on alcohol percentage.

The **CTX only takes a portion of all liquor taxes**, specifically only those beverages at 22% or greater alcohol by volume. From these beverages \$0.50 per gallon is taken and redistributed to the counties.

The full portion of this CTX component is distributed to the counties on the basis of population.

Details can be found in NRS 369.173.

### **Cigarette Tax**

Cigarette and tobacco products are taxed by the state. Cigarettes are taxed at a rate of \$1.80 per pack of 20. Other tobacco products are taxed at 30% of wholesale price.

The **CTX only takes a portion of cigarette taxes**, equal to \$0.10 per pack of 20.

The full portion of this CTX component is distributed to the counties on the basis of population.

Details can be found in NRS 370.260.

### **Basic City-County Relief Tax**

The Basic City-County Relief Tax (BCCRT) is one-half of one percentage point of the state's 6.85% sales/use tax rate.

For in-state sales, this CTX component is distributed back to the county of origin. For out-of-state companies, distribution is based on county population.

### **Supplemental City-County Relief Tax**

The Supplemental City-County Relief Tax (SCCRT) is 1.75 percentage points of the state's 6.85% sales/use tax rate.

SCCRT is distributed to the counties on a formula including both guaranteed counties and point-of-origin.

SCCRT is first distributed to the guaranteed counties. The remaining amount is then distributed to the remaining counties based on percentage of the in-state collections.

Details can be found in NRS 377.057.



## CTX Distribution Details

### Guaranteed Counties

Guaranteed County distribution is only used as part of the SCCRT calculations. A guaranteed county is allocated a set dollar figure to receive each year for that component.

The total guaranteed dollar figure statewide changes year-to-year, based on the lesser of:

1. The previous year's figure and adding a percentage based on a combination of the change of the county population and change in the Consumer Price Index (CPI) or
2. Average statewide SCCRT collections from the prior two years

**Example:** If the calculated percentage change including CPI and percent in population were 2% but statewide collections of SCCRT grew 1% over the past two years, then the guaranteed county dollar figure would raise by the lesser amount, 1%.

If a county collects 10% more than the guaranteed distribution amount over a full 12-month period, that county will transition to being a point of origin county, unless a waiver is filed by the county and granted by the Nevada Tax Commission.

As of Fiscal Year 2022 there are eight guaranteed counties: Douglas, Esmeralda, Lander, Lincoln, Lyon, Mineral, Pershing, and White Pine. Douglas and Lyon Counties will be transitioning to become point of origin counties in FY 2023 after meeting the transition requirements and not filing waivers in early 2022.

### SCCRT Distribution Examples

**Example 1:** In FY 2021 Esmeralda County was guaranteed to receive \$99,974.71 in SCCRT distribution monthly no matter the total amount collected in a single month.

**Example 2:** In June 2021, Carson City collected \$2,297,235.01 in SCCRT, 2.4466% of the total \$93,895,031.06 collected in-state by the nine point-of-origin counties that month. After accounting for guaranteed counties, out-of-state SCCRT collections, and the general fund commission, Carson City was distributed \$2,716,583.20 (2.4466% of the remaining \$111,035,075.97).

### Tier 1 vs Tier 2 Distribution

Once all six components are determined and allocated among the 17 counties the total consolidated tax is distributed. First is the Tier 1 distribution, which is the full allocation to a county's Local Government Tax Distribution account.

Tier 2 distribution is the allocation of the Tier 1 funds to the county and the cities, towns, and special districts within the county.

The amounts to each jurisdiction change from county to county and may change year-to-year based on various formulas

### Tier 2 Jurisdictions for Esmeralda County

Below is a listing of all local governments, enterprise districts, and special districts which are allocated CTX funding for this county:

#### Local Governments:

- Esmeralda County
- Goldfield
- Silver Peak



## Consolidated Tax Distribution

### Definition

The Consolidated Tax Distribution takes six common taxes collected in Nevada and redistributes these to the counties. An in-depth explanation of the CTX are in the preceding pages.

### Why is it important?

The CTX distribution goes to counties, cities, towns, enterprise districts, and special districts across the state, totaling over \$1 billion statewide annually. The steady nature of the CTX redistribution alleviates issues caused in smaller population counties caused by boom/bust cycles of industry (ex. Mining) and outlier years of high or low tax income.

### County Breakdown

Consolidated Tax Distribution is made up mostly from SCCRT which is the main contributor to total consolidated tax distribution. The total consolidated tax distribution has decreased from 2010 to 2021 by 6.1%. Other major contributors to Total Tax Distribution are GST and BCCRT.

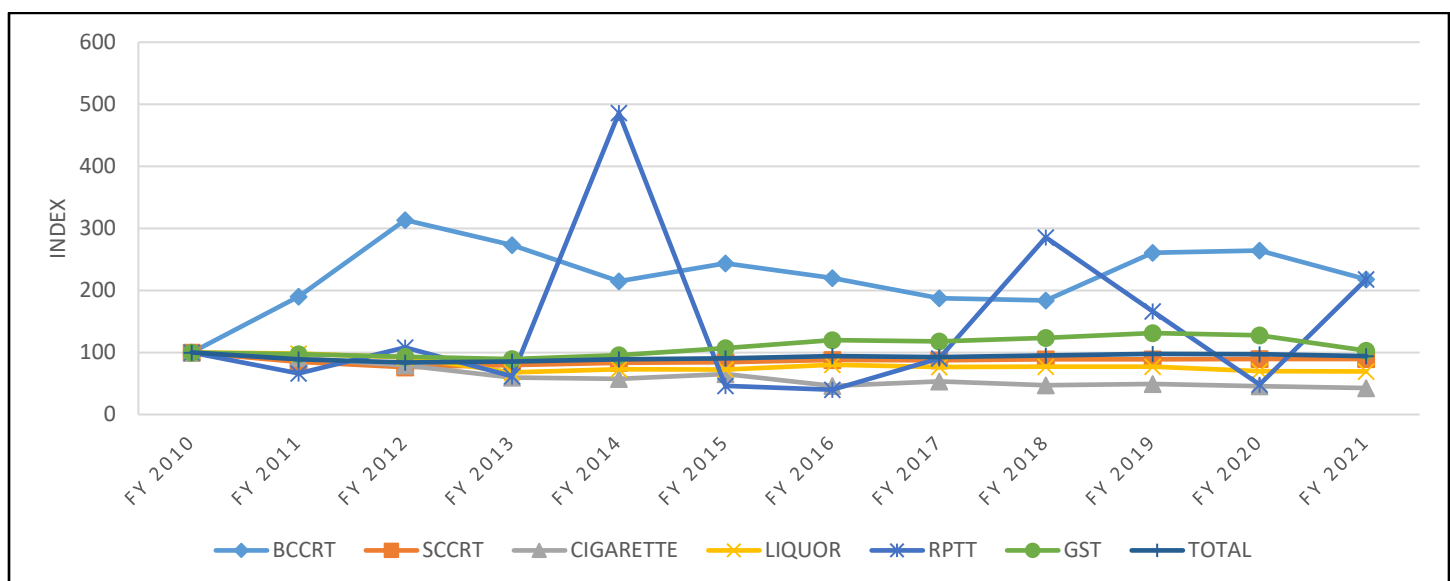
Table 116. Esmeralda County Consolidated Tax Breakdown, Fiscal Year 2010 to 2021

Fiscal Year	BCCRT	SCCRT	CIGARETTE	LIQUOR	RPTT	GST	TOTAL
FY 2010	\$36,976	\$1,344,554	\$6,638	\$1,728	\$4,698	\$168,791	\$1,563,384
FY 2011	\$70,276	\$1,141,798	\$6,055	\$1,697	\$3,103	\$164,135	\$1,387,065
FY 2012	\$115,913	\$1,025,507	\$5,263	\$1,595	\$5,069	\$157,466	\$1,310,812
FY 2013	\$100,921	\$1,074,648	\$3,938	\$1,173	\$2,902	\$150,742	\$1,334,324
FY 2014	\$79,362	\$1,121,532	\$3,815	\$1,263	\$22,833	\$161,603	\$1,390,408
FY 2015	\$90,118	\$1,134,363	\$4,326	\$1,249	\$2,156	\$180,791	\$1,413,003
FY 2016	\$81,286	\$1,178,839	\$3,070	\$1,389	\$1,878	\$202,452	\$1,468,915
FY 2017	\$69,346	\$1,172,974	\$3,530	\$1,321	\$4,260	\$199,302	\$1,450,734
FY 2018	\$67,901	\$1,193,669	\$3,128	\$1,329	\$13,399	\$208,334	\$1,487,760
FY 2019	\$96,332	\$1,198,963	\$3,277	\$1,336	\$7,803	\$221,581	\$1,529,292
FY 2020	\$97,703	\$1,202,307	\$3,034	\$1,203	\$2,273	\$215,080	\$1,521,602
FY 2021	\$80,540	\$1,199,697	\$2,834	\$1,200	\$10,240	\$173,271	\$1,467,782

Source: Nevada Department of Taxation

\*All amounts shown in 2021 dollars

Figure 109 Esmeralda County Consolidated Tax Distribution, Fiscal Year 2010 to 2021, Index: 2010 = 100



## Taxable Sales

### Definition

Taxable sales are the total sales of taxable goods and services for all the county's businesses.

### Why is it important?

Sales tax is key for measuring government income on business transactions. Not only does a high sales tax hint at government revenue and the general relationship between government and commerce, but a high sales tax also indicates the county's ability to contribute to the overall production and expansion of wealth.

### County Breakdown

Esmeralda taxable sales increased 171.9% between 2006 and 2021. In 2006, taxable sales were \$11.1 million, and by 2021 taxable sales had become \$30.3 million. In-between that time taxable sales fluctuated. The low point was in 2010, at \$7.9 million. In the eleven-year period following that, taxable sales climbed to \$30.3 million by 2021. 2021 showed the peak for taxable sales at \$21.9 million.

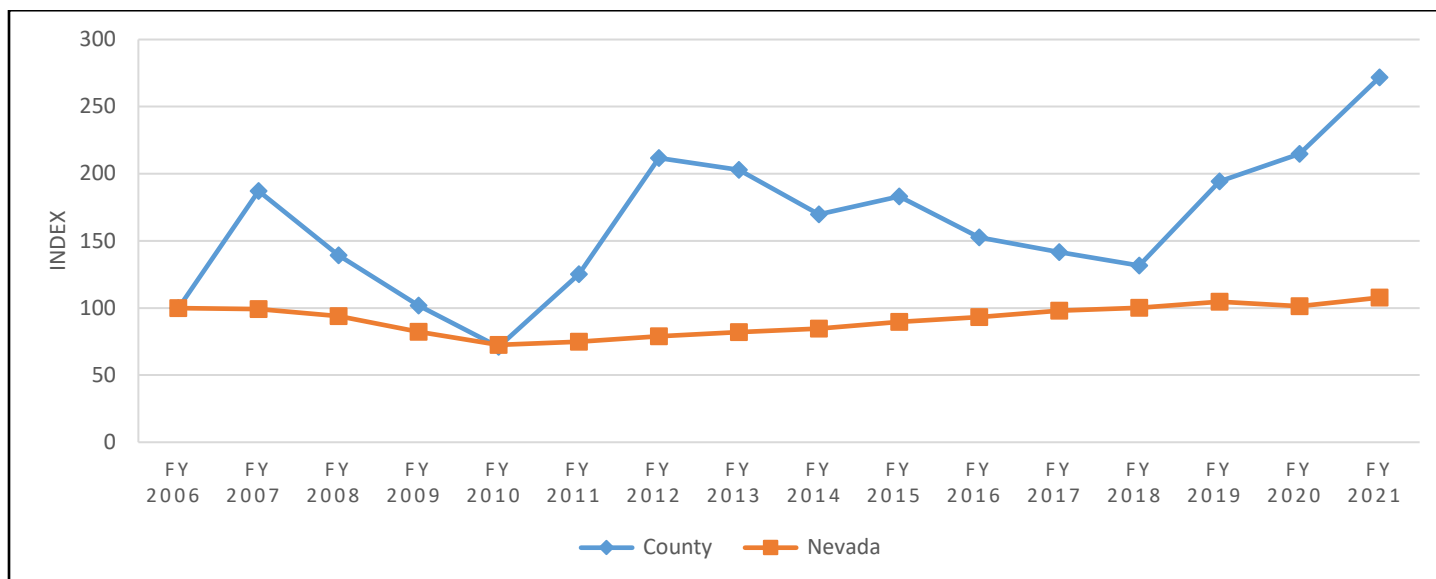
Table 117. Esmeralda County Taxable Sales, Fiscal Year 2006 to 2021

Year	Taxable Sales*
FY 2006	\$11,125,958
FY 2007	\$20,834,882
FY 2008	\$15,485,885
FY 2009	\$11,330,471
FY 2010	\$7,903,611
FY 2011	\$13,923,709
FY 2012	\$23,565,310
FY 2013	\$22,574,153
FY 2014	\$18,892,737
FY 2015	\$20,381,374
FY 2016	\$16,987,122
FY 2017	\$15,752,356
FY 2018	\$14,639,112
FY 2019	\$21,631,046
FY 2020	\$23,911,463
FY 2021	\$30,251,004

Source: Nevada Department of Taxation

\*All amounts shown in 2021 dollars

Figure 110. Esmeralda County Taxable Sales, Fiscal Year 2006 to 2021, Index: 2010 = 100



## Ad Valorem

### Definition

Ad Valorem is a tax whose amount is based on the value of a transaction or of property, rather than on quantity or intrinsic value. In the State of Nevada, ad valorem most commonly refers to property taxes. For a further definition on Net Proceeds from Mines, please see Appendix A: Glossary.

### Why is it important?

Ad Valorem is an important measure for property owners who are interested in overall value. Since this data is captured as a whole, the year-to-year change can be used to mark general trends that may then be applied to forecasts and planning with regards to all types of property.

### County Breakdown

Esmeralda's Ad Valorem has increased overall between 2010 and 2021. Assessed valuation has increased by 15.5%, going from \$65.1 million in 2010 to \$75.2 million in 2021. Its low point was in 2012, at \$55.9 million, but since then it has increased by nearly \$20 million. Net proceeds from mine has increased at a faster and more fluctuating rate, going from \$50k in 2010 to \$450k in 2021. In the time period, net proceeds from mines has seen stretches of increases and decreases. The low point was in 2020, at \$87k, but the year following reported \$450k, which is the highest over the eleven year window.

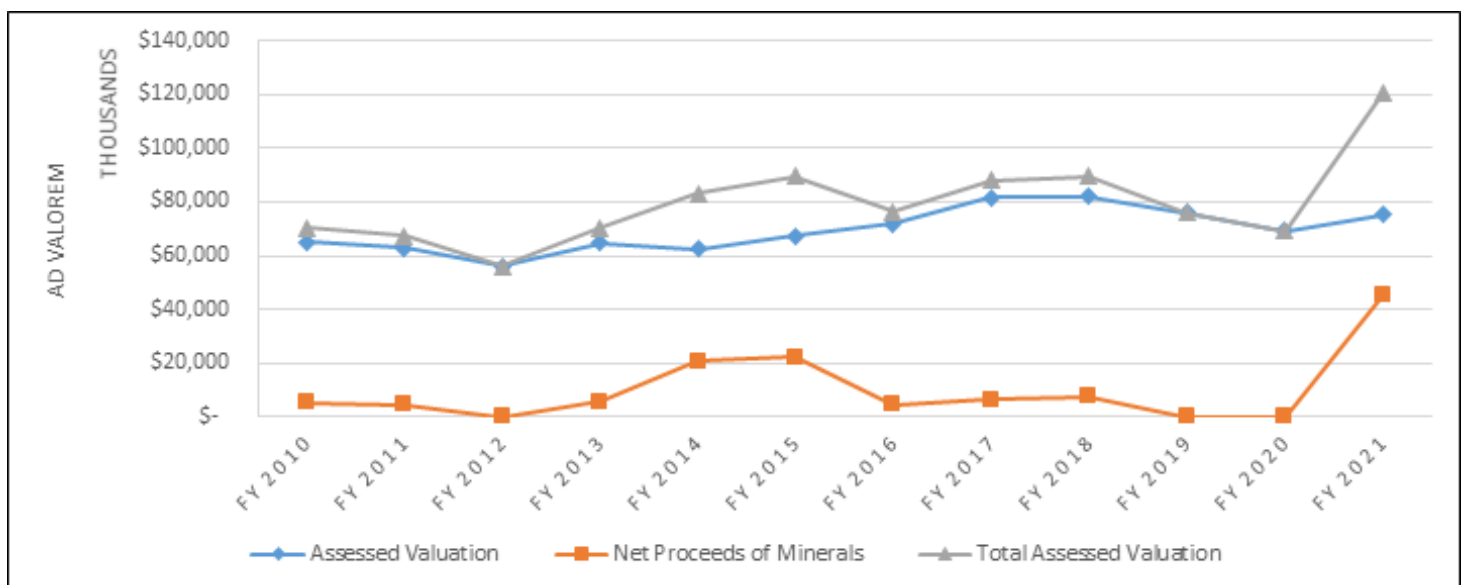
Table 118. Esmeralda County Ad Valorem, FY 2010 to FY 2021

Fiscal Year	Assessed Valuation*	Net Proceeds: Mines*	Total Assessed Valuation*
FY 10	\$65,073	\$5,176	\$70,249
FY 11	\$62,850	\$4,664	\$67,513
FY 12	\$55,986	\$141	\$56,127
FY 13	\$64,592	\$5,844	\$70,436
FY 14	\$62,462	\$20,622	\$83,084
FY 15	\$67,356	\$22,303	\$89,659
FY 16	\$71,764	\$4,736	\$76,500
FY 17	\$81,559	\$6,492	\$88,051
FY 18	\$81,901	\$7,463	\$89,364
FY 19	\$75,934	\$87	\$76,020
FY 20	\$69,104	\$86	\$69,190
FY 21	\$75,193	\$45,001	\$120,194

Source: Nevada Department of Taxation

\*Shown in thousands of 2021 dollars.

Figure 111. Esmeralda County Ad Valorem, FY 2010 to FY 2021



## Cannabis Taxable Sales

Table 119. Esmeralda County Cannabis Taxable Sales, FY 2019 to FY 2021

Fiscal Year	Clark*	Washoe*	All Other*
FY 19	\$539,769	\$98,631	\$33,203
FY 20	\$556,865	\$102,522	\$52,118
FY 21	\$791,100	\$135,327	\$77,041

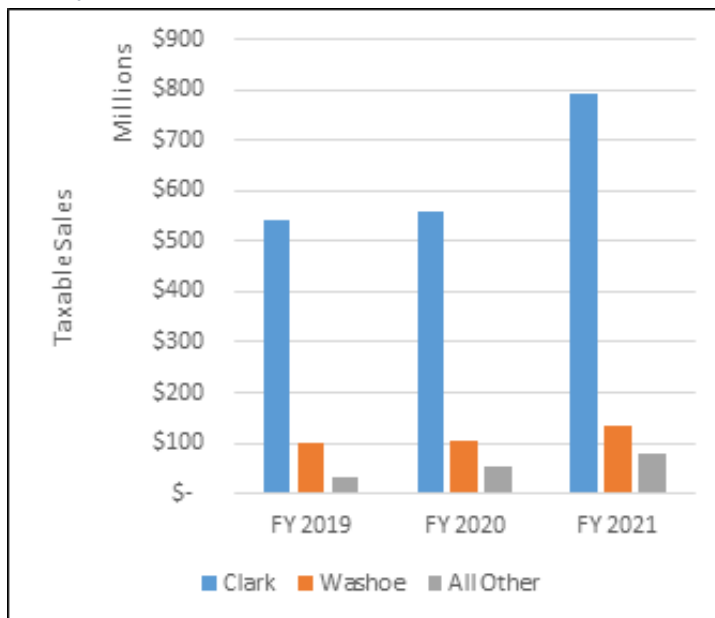
Source: Nevada Department of Taxation

\*Shown in thousands of 2021 dollars.

### County Breakdown

Data for Cannabis Sales has been collected from 2019 to 2021, where majority of the sales came from Clark County and Washoe County with the rest of sales being categorized by other. All three of those categories saw increases over the three-year window where data was collected, with the high being in 2021 for all three sections.

Figure 112. Esmeralda County Cannabis Taxable Sale, FY 2019 to FY 2021



### Definition

Cannabis taxable sales includes sales of adult-use cannabis, medical cannabis, tangible personal property transferred for value, and all other amounts subject to Sales or Use Tax, as reported by licensed cannabis establishments.

Cannabis taxation is reported by county only for those regions with three or more reporting entities to protect taxpayer information. Due to this only Clark and Washoe Counties are reported separately.

### Why is it important?

Cannabis has both recreational and medical uses. Cannabis sales has seen a meteoric rise in its short amount of time of legalization. Indoor agriculture has been one of Nevada's fastest growing sectors as well. When comparing 2015 (pre-legalization) to 2022, total jobs in crop production have nearly tripled across Nevada.

### Legalization of Marijuana in Nevada

The earliest medical marijuana legalization initiatives took place in 2000 and 2001, however those laws did not have a provision for patients to obtain medical marijuana other than by growing it themselves. In 2013, the Legislature approved SB 374 authorizing the first medical marijuana establishments, which took effect on April 1, 2014.

In 2016, Nevada voters approved Ballot Question 2 resulting in legalization of the purchase, possession, and consumption of recreational marijuana, taking effect January 1, 2017. Nevada became the eighth state to legalize recreational marijuana.

See NRS 453 and 678 for more details regarding medical marijuana and recreational cannabis respectively.

## Cannabis Taxation

### Definition

Cannabis is taxed at two separate rates. At the wholesale level, cannabis is taxed at a 15% rate, which includes adult-use recreational cannabis as well as medical marijuana. At a retail level, adult-use recreational cannabis is taxed at a 10% rate.

Cannabis taxation is reported by county only for those regions with three or more reporting entities, to protect taxpayer information. Due to this only Clark and Washoe Counties are reported separately.

### Why is it important?

Originally the 15% wholesale tax was directed to be deposited into the state Distributive School Account (DSA). In 2019 SB 545 was signed directing both the wholesale 15% tax and the 10% retail tax to be directed into the DSA.

### County Breakdown

Cannabis Wholesale Taxation followed a similar trend to taxable sales, with the one exception being a decrease in 2020 for Clark and all other counties. Retail taxes saw an increase every year in all counties where data was collected with Clark County being the majority contributor in both wholesale and retail taxes.

Table 120. Esmeralda County Cannabis Wholesale Taxes, FY 2019 to FY 2021

Fiscal Year	Clark*	Washoe*	All Other*
<b>FY 19</b>	\$35,045	\$6,921	\$4,277
<b>FY 20</b>	\$33,863	\$8,991	\$3,652
<b>FY 21</b>	\$49,780	\$10,178	\$5,656

Source: Nevada Department of Taxation

\*Shown in thousands of 2021 dollars.

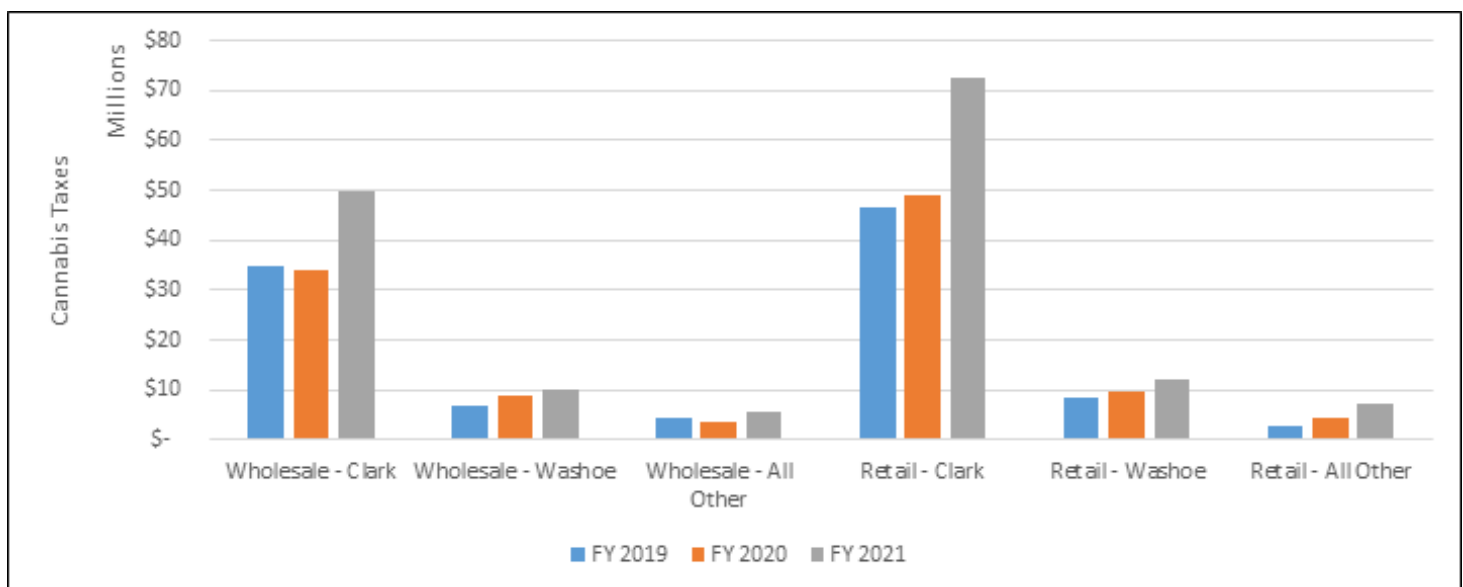
Table 121. Esmeralda County Cannabis Retail Taxes, FY 2019 to FY 2021

Fiscal Year	Clark*	Washoe*	All Other*
<b>FY 19</b>	\$46,750	\$8,386	\$2,861
<b>FY 20</b>	\$48,876	\$9,505	\$4,371
<b>FY 21</b>	\$72,763	\$12,192	\$7,183

Source: Nevada Department of Taxation

\*Shown in thousands of 2021 dollars.

Figure 113. Esmeralda County Cannabis Wholesale and Retail Taxes, FY 2019 to FY 2021



Gaming Win

Definition

Total gaming win is the total amount won by gaming establishments on a variety of gaming activities. These include Table, Counter, and Card games, Slot Machines, and Race and Sports Book bets.

Why is it important?

Total gaming win shows the amount of activity in gambling establishments across Nevada. Gaming is possibly Nevada’s most known feature worldwide and accounts for approximately one-fourth of all employment across the state.

County Breakdown

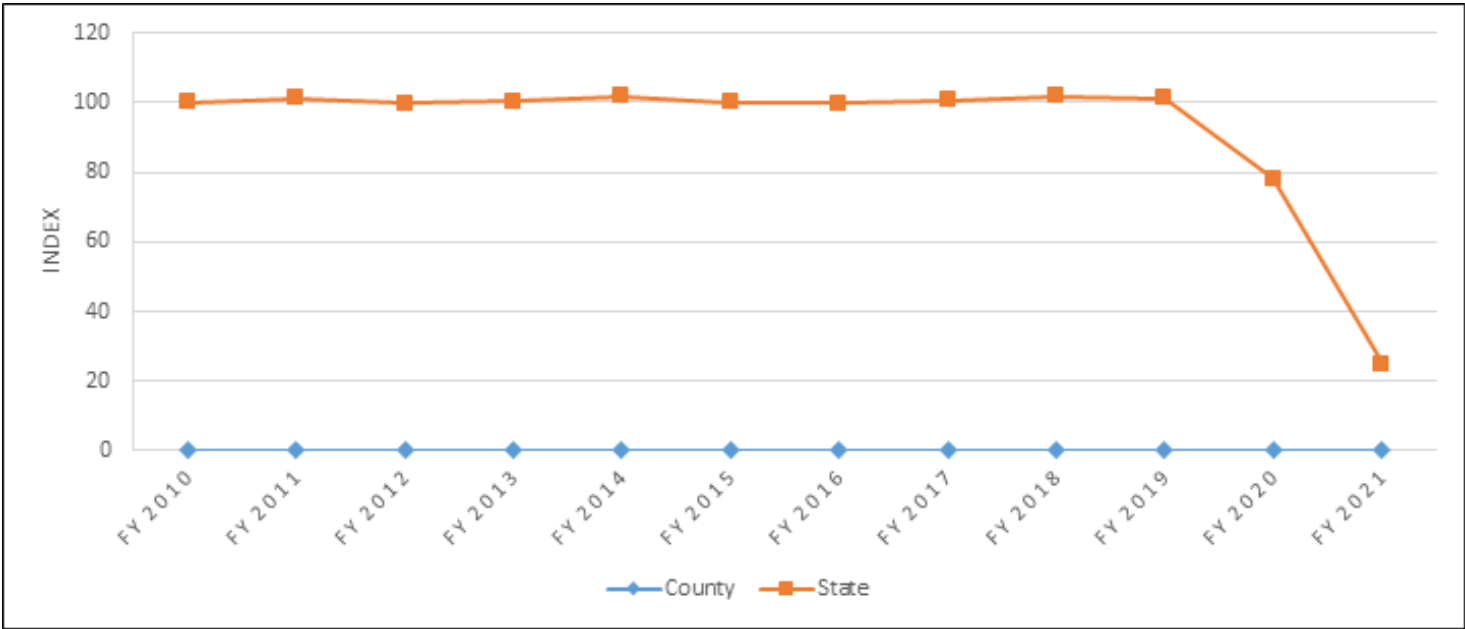
There has been no data collected for Gaming Win in Esmeralda County between the years 2010- 2021.

Table 122 Esmeralda County Gaming Win Collected, FY 2010 to FY 2021

Fiscal Year	Gaming Win
FY 10	-
FY 11	-
FY 12	-
FY 13	-
FY 14	-
FY 15	-
FY 16	-
FY 17	-
FY 18	-
FY 19	-
FY 20	-
FY 21	-

Source: Nevada Gaming Control Board  
\*Shown in 2021 dollars.

Figure 114. Esmeralda County Gaming Win Collected, FY 2010 to FY 2021, Index FY 2010 = 100





Gaming Taxes

Definition

Gaming taxes, as known as Percentage Fee Collections, are taxes on gambling income, which is any income that is the result of games of chance or wagers on events with uncertain outcomes.

Why is it important?

Gambling taxes indicate gambling activity. This data is especially important in Nevada for its strength in tourism and gambling. When planning to implement or alter casinos, neighboring counties or counties that share similar overall models will find use of the year-to-year trends in gaming taxes.



Table 123. Esmeralda County Percentage Fee Collections, FY 2010 to FY 2021

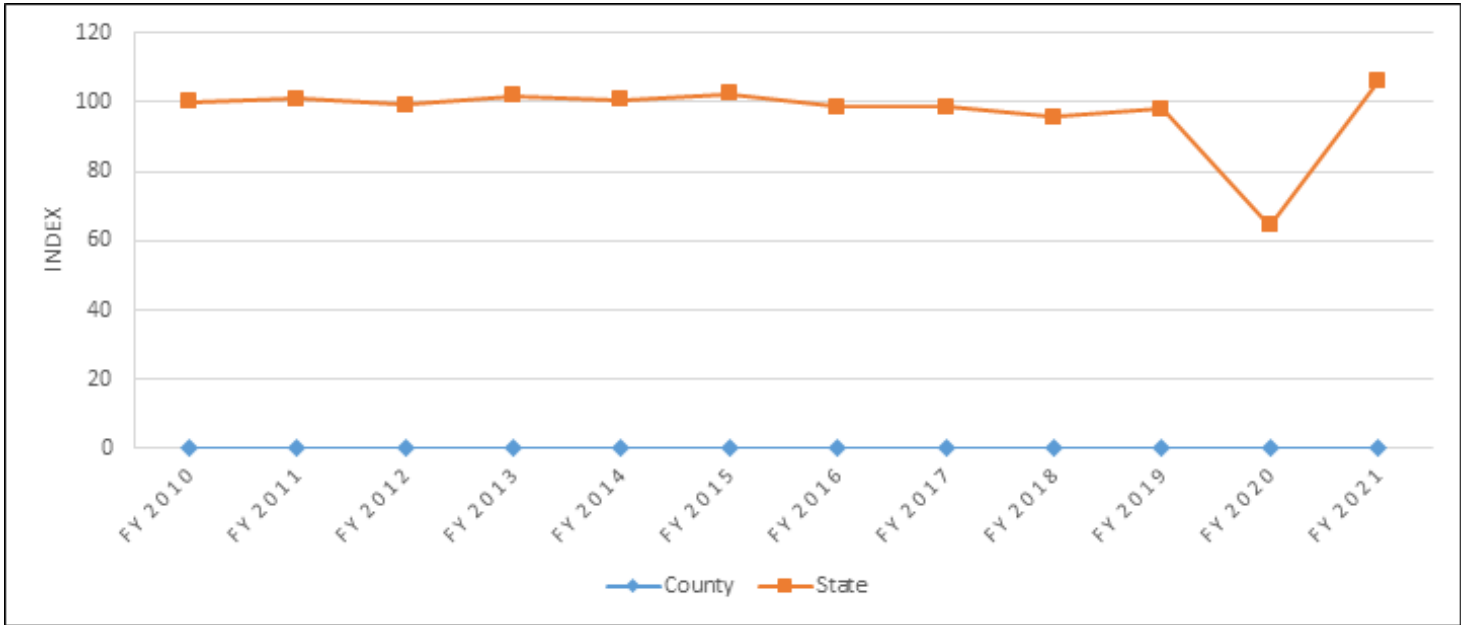
Fiscal Year	Percentage Fee Collections
FY 10	-
FY 11	-
FY 12	-
FY 13	-
FY 14	-
FY 15	-
FY 16	-
FY 17	-
FY 18	-
FY 19	-
FY 20	-
FY 21	-

Source: Nevada Gaming Control Board  
\*Shown in 2021 dollars.

County Breakdown

There have been no Gaming Taxes collected in Esmeralda County from the years 2010- 2021.

Figure 115. Esmeralda County Percentage Fee Collections, FY 2010 to FY 2021, Index 2010 = 100



## Live Entertainment Taxes in Gaming Establishments

### Definition

The live entertainment tax (LET) is a 9% tax imposed throughout Nevada for live entertainment, defined as any activity provided for pleasure, enjoyment, recreation, relaxation, diversion or other similar purpose by a person or persons who are physically present when providing an activity to a patron or group of patrons who are physically present.

### Why is it important?

With Nevada's longstanding history as an entertainment capital, the live entertainment tax can be a major source of revenue. While there are some exclusions to this tax, those are largely athletic events held by a Nevada-based home team. Due to this, most concerts, comedy acts, and more, qualify.

### Reporting Entities

LET is collected by both the Gaming Control Board and the Department of Taxation. The Gaming Control Board collects LET from venues within gaming establishments while the Department of Taxation collects LET in all other cases.

Unfortunately, the Department of Taxation does not publish LET data by county, giving only a statewide dollar figure.

Comparing the two statewide totals, those collected by the Gaming Control Board are greater every year. In FY 2019, the last non-pandemic affected totals, the Gaming Control Board collected over \$110 million in LET while the Department of Taxation collected \$27 million (both in 2021 dollars).

Table 124. Esmeralda County Live Entertainment Taxes in Gaming Establishments, FY 2010 to FY 2021

Fiscal Year	Live Entertainment Taxes
FY 10	-
FY 11	-
FY 12	-
FY 13	-
FY 14	-
FY 15	-
FY 16	-
FY 17	-
FY 18	-
FY 19	-
FY 20	-
FY 21	-

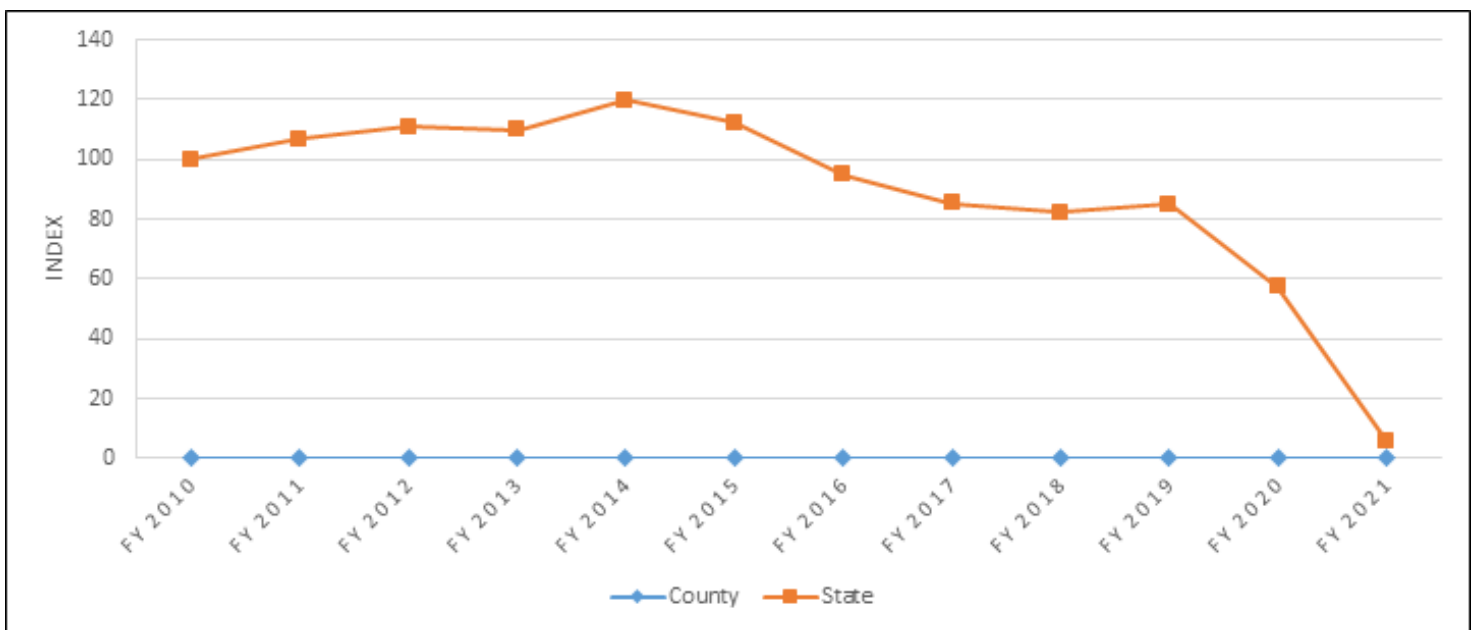
Source: Nevada Gaming Control Board

\*Shown in 2021 dollars.

### County Breakdown

There have been no reported Live Entertainment Taxes in Esmeralda County from the year 2010 to 2021.

Figure 116. Esmeralda County Live Entertainment Taxes in Gaming Establishments, FY 2010 to FY 2021, Index 2010 = 100





## Appendix



## **Appendix A: Glossary**

This document is a collection of primary and secondary data collected by a variety of sources. Some of the terminology, processes, and ways of viewing the data may be foreign to the reader.

You can find definitions of many terms used throughout the report over the next few pages.



## Glossary A-C

### **Accountability Year**

School Districts may report data in a current year for items that occurred in a previous calendar year. For instance, graduation rates read as the 2017-2018 accountability year are the rates for the 2016-2017 graduating class.

### **Ad Valorem**

Literally translating to "according to value" in Latin, is a tax whose amount is based on the value of a transaction or of property. In the State of Nevada, ad valorem most commonly refers to property taxes.

### **Ad Valorem: Net Proceeds from Mines**

The Nevada Net Proceeds of Minerals Tax is an ad valorem property tax assessed on minerals mined or produced in Nevada when they are sold or removed from the state. With the exception of sand and gravel, the tax applies to all metals, minerals, gemstones, oil and natural gas, and geothermal energy. This tax is separate from, and in addition to, any property tax paid on land, equipment and other assets.

### **Administrator (School District)**

A person who spends at least 50 percent of his or her work year supervising other staff or licensed personnel, or both, and who is not classified by the board of trustees of the school district as a professional-technical employee.

### **Asset Mapping**

Asset mapping is a community process that provides information about the strengths and resources of a community and can help uncover solutions. Once community assets are inventoried and collected, asset mapping displays those strengths. Asset mapping can be displayed in numerous forms allowing a community to more easily think about and visualize how to build on those assets to address community needs (Green and Haines 1997).

### **Average Earnings by Worker (Industry-Annual)**

Also called "Current Total Earnings", this is the total industry earnings for a region divided by number of jobs.

### **Average Earnings per Worker (Occupation-Hourly)**

The hourly earnings for occupations. Occupations have hourly earnings for five percentiles (10th, 25th, 50th [median], 75th, and 90th) as well as the average.

### **Community**

People who live within a geographically defined area and who have social and psychological ties with each other and with the place where they live. (Mattessich and Monsey 2004: 56<sup>1</sup>)

### **Community Assets**

Community assets are anything that can improve the quality of life in community. Community assets are the collective resources which communities and individuals have at their disposal; those which can be leveraged to develop effective solutions to promote social inclusion and well-being of citizens. (Kretzmann and McKnight 1993, Green and Haines 1997).

### **Community Capital(s)**

Capital is any type of resource capable of producing additional resources. When those resources or assets are invested to create new resources, they become capital (Flora, Flora & Fey 2004<sup>2</sup>: 9). Community capitals represent assets in all aspects of community life. There are commonly seven community capitals, financial, political, social, human, cultural, natural and built. If successful communities can learn to leverage their capitals in useful ways, they become more vibrant and economically resilient (Flora, Flora & Gasteyer 2015<sup>3</sup>).

### **County Government (Distribution of Federal Land Payments)**

Consist of: (1) PILT; (2) portions of Forest Service payments including Secure Rural Schools and Community Self-Determination Act (SRS) Title I and Title III, 25% Fund, and Forest Grasslands; (4) BLM Bankhead-Jones; (4) USFWS Refuge revenue sharing; and (5) discretionary state government distributions of federal mineral royalties where these data are available.

<sup>1</sup> Mattessich, P. and Monsey, M. (2004). *Community Building: What Makes It Work*, St Paul, MN: Wilder Foundation.

<sup>2</sup> Flora, C., Flora, J., & Fey, S. (2004). *Rural Communities: Legacy and Change*, 2<sup>nd</sup> Edition. Boulder, CO: Westview Press.

<sup>3</sup> Flora, C., Flora, J., and Gasteyer, S. (2015) *Rural Communities: Legacy + Change*, 5<sup>th</sup> Edition. Routledge, Taylor and Francis Group: New York.



## Glossary D-F

### **Demand**

Demand is an estimate of the amount of goods and services that all industries require from a given industry, whether domestic or international, in order to remain in operation. The value is calculated based on industry purchases across the nation, measured in terms of sales. Industry wages, taxes, and other values added payments are indirectly part of the demand through the production of the supplying industry.

### **Distribution of Federal Land Payments**

How public land is owned and how that land is used changes how funds are distributed and to which state/local entities.

### **Dividends (Personal Income)**

A form of property income received by shareholders in return for their investment in the equity of a corporation.

### **Earnings**

Remuneration (pay, wages) of a worker or group of workers for services performed during a specific period of time. The term usually carries a defining word or phrase, such as straight-time average hourly earnings.

### **Employed**

Employed includes all civilians 16 years old and over who were either (1) "at work" -- those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) were "with a job but not at work" -- those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons

### **Engagement (Public Voice)**

Engagement is a dynamic relational process that facilitates communication, interaction, involvement and exchange between an organization and a community for a range of societal and organizational outcomes. At its most simple level engagement implies a two-way process involving interaction and listening, with the goal of generating mutual benefit among communities, decision makers and institutions of higher education.

### **Exported Sales**

The given industry's total annual sales to industries and consumers not inside the defined region. In this report that is most commonly (if not always) the county.

### **Exports**

Exports show the amount of money that is spent by industries located outside the region in exchange for goods or services produced by an industry located in the region.

### **Family**

A group of two or more people who reside together and who are related by birth, marriage, or adoption.

### **Family Income**

This includes the income of the householder and all other individuals 15 years old and over related to the householder.

### **Federal Land Payments**

These are federal payments that compensate state and local governments for non-taxable federal lands within their borders. Payments are funded by federal appropriations (e.g., PILT) and from receipts received by federal agencies from activities on federal public lands (e.g., timber, grazing, and minerals).

### **Federal Land Payments: Bureau of Land Management (BLM)**

The BLM shares a portion of receipts generated on public lands with state and local governments, including grazing fees through the Taylor Grazing Act and timber receipts generated on Oregon and California (O & C) grant lands.

### **Fiscal Year**

The State of Nevada fiscal year runs July 1 - June 30. The federal fiscal year runs October 1 - September 30.

### **Fish and Wildlife (Federal Land Payments)**

These payments share a portion of receipts from National Wildlife Refuges and other areas managed by the USFWS directly with the counties in which they are located.

### **Forest Service (Federal Land Payments)**

These are payments based on USFS receipts and must be used for county roads and local schools. Payments include the 25% Fund, Secure Rural Schools & Community Self-Determination Act, and Bankhead-Jones Forest Grasslands.

### **Free and Reduce Lunch (FRL)**

Students who are from households that qualify by income to receive free or reduced-price lunch at their school.

## Glossary G-J

### **Government Social Insurance (Personal Income)**

Consists of the contributions or payments for the following government programs: old-age, survivors, and disability insurance (Social Security); hospital insurance (Medicare Part A); supplementary medical insurance (Medicare Parts B and D); unemployment insurance; railroad retirement; veterans' life insurance; and temporary disability insurance.

### **Graduation Rate**

The rate at which 9th graders graduate by the end of the 12th grade (i.e., the number of students who graduate in four years with a regular high school diploma divided by the number of students who form the adjusted cohort for the graduating class).

### **Grazing Districts (Distribution of Federal Land Payments)**

Consist of BLM Taylor Grazing Act payments.

### **Gross Regional Product (GRP)**

Gross Regional Product measures the final market value of all goods and services produced in a region.

### **Household**

A household includes all the people who occupy a housing unit as their usual place of residence

### **Household Income**

This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not

### **Housing Unit**

A house, an apartment, a mobile home or trailer, a group of rooms, or a single room occupied as separate living quarters, or if vacant, intended for occupancy as separate living quarters.

### **Imports**

Imports show the amount of money that is spent by all industries located in the region in exchange for goods or services produced by an industry located outside the region. Money leaves the region, and a good or service is brought into the region and consumed. Imports can be foreign or domestic.

### **Individualized Education Program (IEP)**

A written statement for each child with a disability that is receiving special education services that is developed and reviewed by the IEP Team. (From IDEA)

### **Industry**

A group of businesses that produce similar goods and services, and share similar production processes for creating the goods and services they sell. Industries are classified using NAICS codes.

### **Industry: Non-Service Related**

Non-Services Related Industries include each of the following 2-Digit NAICS Sectors: 22, 42, 44-45, 48-49, 51, 52, 53, 54, 55, 61, 62, 71, 72, and 81

### **Industry: Public Administration**

Public Administration Industry includes NAICS Sector 90

### **Industry: Service Related**

Services Related Industries include each of the following 2-Digit NAICS Sectors: 11, 21, 23, and 31-33

### **In-Region Sales**

The given industry's total annual sales to industries and consumers inside the defined region. In this report that is most commonly (if not always) the county.

### **Instruction Support Funding (School District)**

Funding for guidance and counseling, libraries and media, extracurricular activities, student health services, curriculum development, staff development, sabbaticals, program management, therapists, psychologists, evaluators, personal attendants, and social workers

### **Instructional Funding (School District)**

Funding for instructional teachers, substitute teachers, instructional paraprofessionals, pupil-use technology, software, instructional materials, trips and supplies.

### **Interest (Personal Income)**

A form of property income received by the owners of certain kinds of financial assets (such as deposits, debt securities, and loans) in return for their investments in those assets.

### **Job**

A job is any position in which a worker provides labor in exchange for monetary compensation. This includes those who work as employees for businesses (a.k.a. "wage and salary" employees) and proprietors who work for themselves.

## Glossary L-P

### **Leadership Funding (School District)**

Funding for principals, assistant principals, administrative support, deputies, senior administrators, researchers, program evaluators, superintendents, school board representatives, and legal staff.

### **Local School District (Distribution of Federal Land Payments)**

Consist of portions of SRS Title I, 25% Fund, and Forest Grasslands.

### **Mean**

This measure represents an arithmetic average of a set of numbers.

### **Median**

This measure represents the middle value (if n is odd) or the average of the two middle values (if n is even) in an ordered list of data values.

### **Mineral Royalties (Federal Land Payments)**

These payments are distributed to state governments by the U.S. Office of Natural Resources Revenue. States may share, at their discretion, a portion of revenues with the local governments where royalties were generated.

### **Occupation**

Occupation describes the kind of work the person does on the job. For employed people, the data refer to the person's job during the reference week. For those who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours.

### **Occupation: High Level Aggregation**

The Standard Occupational Classification Manual approves higher-level aggregation of SOC major groups to present data in a more condensed manner. In this report, the High-Level aggregation to six groups is used

### **Occupation High Level Aggregation: 1**

This High-Level aggregation includes SOC major groups: 11-29

### **Occupation High Level Aggregation: 2**

This High-Level aggregation includes SOC major groups: 31-39

### **Occupation High Level Aggregation: 3**

This High-Level aggregation includes SOC major groups: 41-43

### **Occupation High Level Aggregation: 4**

This High-Level aggregation includes SOC major groups: 45-49

### **Occupation High Level Aggregation: 5**

This High-Level aggregation includes SOC major groups: 51-53

### **Occupation High Level Aggregation: 6**

This High-Level aggregation includes SOC major group: 55

### **Operations Funding (School District)**

Funding for transportation, food service, safety, building upkeep, utilities, building maintenance, data processing, and business operations.

### **Other Staff (School District)**

All persons who are not reported as administrators or teachers, including, without limitation: School counselors, school nurses and other employees (who spend at least 50 percent of their work year providing emotional support, noninstructional guidance or medical support to pupils), Noninstructional support staff, including, without limitation, janitors, school police officers and maintenance staff; and Persons classified by the board of trustees of the school district as professional-technical employees, including, without limitation, technical employees and employees on the professional-technical pay scale.

### **Payment in Lieu of Taxes (PILT) (Federal Land Payments)**

These payments compensate county governments for non-taxable federal lands within their borders. PILT is based on a maximum per-acre payment reduced by the sum of all revenue sharing payments and subject to a population cap.

### **Per Capita Income**

Average obtained by dividing aggregate income by total population of an area.

## Glossary P-R

### **Personal Current Transfer Receipts (Personal Income)**

Receipts of persons from government and business for which no current services are performed. Current transfer receipts from government include Social Security benefits, medical benefits, veterans' benefits, and unemployment insurance benefits. Current transfer receipts from business include liability payments for personal injury and corporate gifts to nonprofit institutions.

### **Personal Income**

Income received by persons from all sources. It includes income received from participation in production as well as from government and business transfer payments.

### **Personal Income: Adjustment for Residence**

An adjustment made to those components of earnings and employee contributions to social insurance programs (income subject to adjustment) that are reported on a place-of-work basis to convert them to a place-of-residence basis reflecting the net flow of income of inter-area commuters. For example, the source data for county wages and salaries represent the wages paid by the establishments located in that county. The wages and salaries that the establishments of a given county pay to workers who live outside that county are treated as an outflow and the wages and salaries that the residents of that county receive from establishments located outside that county are treated as an inflow. The adjustment for residence for a county, then, is the net of the inflows to that county and the outflows from that county.

### **Proprietor's Income (Personal Income)**

Proprietors' income with inventory valuation and capital consumption adjustments is the current-production income (including income in kind) of sole proprietorships, partnerships, and tax-exempt cooperatives. Corporate directors' fees are included in proprietors' income. Proprietors' income includes the interest income received by financial partnerships and the net rental real estate income of those partnerships primarily engaged in the real estate business.

### **Qualitative Data**

Qualitative data is descriptive data that can be observed but difficult to measure. On a conceptual level, qualitative data is concerned with understanding human behavior from an informant's perspective. Qualitative research is multimethod in focus, involving an interpretive naturalistic approach to its subject matter. *"Qualitative researchers study things in their natural settings, attempting to make sense of, or interpret, phenomena in terms of the meanings people bring to them."* Denzin and Lincoln (1994:2<sup>4</sup>).

### **Quantitative Data**

Quantitative data is information about quantities and therefore numbers. On a conceptual level, quantitative data is concerned with discovering facts about social phenomena and data are collected through measuring things. Quantitative researchers gather data in a numerical form from which can be put into categories, or in rank order or measured in units of measurement. This type of data can be used to construct graphs and tables of raw data (McLeod, 2019<sup>5</sup>).

### **Rental (Personal Income)**

Rental income of persons with capital consumption adjustment is the net income of persons from the rental of real property (except for the net rental real estate income of partnerships primarily engaged in the real estate business), the imputed net rental income of owner-occupants of housing, and the royalties received by persons from patents, copyrights, and rights to natural resources. The rental income of noninsured pension funds is imputed to persons and counted as part of rental income of persons with capital consumption adjustment.

### **Resource Advisory Council (RACs) (Distribution of Federal Land Payments)**

Consist of SRS Title II. These funds are retained by the Federal Treasury to be used on public land projects on the national forest or BLM land where the payment originated. Resource Advisory Committee (RAC) provides advice and recommendations to the Forest Service on the development and implementation of special projects on federal lands as authorized under the Secure Rural Schools Act and Community Self-Determination Act, Public Law 110-343.

<sup>4</sup> Denzin, N. & Lincoln, Y. (Eds). (1994) Handbook of qualitative research. Sage Publications, Inc.

<sup>5</sup> McLeod, S.A. (2019, July 30). Qualitative vs. quantitative research. Simply Psychology. <https://www.simplypsychology.org/qualitative-quantitative.html>

## Glossary S-Z

### **Sales**

In input-output modeling, Sales is an industry's total annual sales (gross receipts), both to other industries and to consumers as well. Sales is representative of all four Classes of Worker. For the Retail (44), Wholesale (42), and Transportation (48) sectors, sales to consumers is not included in the final figures. Total sales figures sourced from EMSI in this report follow this logic.

### **Standard Occupation Code (SOC)**

The Standard Occupational Classification (SOC) system is used by Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into one of 840 detailed occupations according to their occupational definition. To facilitate classification, detailed occupations are combined to form 461 broad occupations, 97 minor groups, and 23 major groups. Detailed occupations in the SOC with similar job duties, and in some cases skills, education, and/or training, are grouped together.

### **State Government (Distribution of Federal Land Payments)**

Consist of: (1) federal mineral royalties and (2) portions BLM revenue sharing. States make subsequent distributions to local government according to state and federal statute.

### **Supplements to Wages and Salaries (Personal Income)**

Consists of employer contributions for government social insurance and employer contributions for employee pension and insurance funds.

### **Taxes Paid (NAICS)**

Taxes on production and imports with subsidies subtracted.

### **Teacher (School District)**

A person licensed pursuant to chapter 391 of NRS who is classified by the board of trustees of the school district (1) As a teacher and who spends at least 50 percent of his or her work year providing instruction or (2) As instructional support staff, who does not hold a supervisory position and who spends not more than 50 percent of his or her work year providing instruction to pupils. Such instructional support staff includes, without limitation, librarians and persons who provide instructional support, discipline to pupils

### **Total Sales**

The given industry's total annual sales (gross receipts), both to other industries and to consumers as well.

### **Unemployed**

All civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the reference week, and (2) were actively looking for work during the last 4 weeks, and (3) were available to accept a job

### **Wages and Salaries (Personal Income)**

The remuneration receivable by employees (including corporate officers) from employers for the provision of labor services. It includes commissions, tips, and bonuses; employee gains from exercising stock options; and pay-in-kind. Judicial fees paid to jurors and witnesses are classified as wages and salaries. Wages and salaries are measured before deductions, such as social security contributions, union dues, and voluntary employee contributions to defined contribution pension plans.

## **Appendix B: Explanation of Process/Terms**

This document is a collection of primary and secondary data collected by a variety of sources. Some of the terminology, processes, and ways of viewing the data may be foreign to the reader.

You can find explanations of a few concepts used throughout the report over the next few pages.



## Indexing of Data

This report uses both tables and figures to represent the data to the reader. While most of these are straightforward, one commonly used figure throughout the document that may not be as easy to understand are the **figures with indexed data**.

Indexed figures in this report start the data at a common starting point. Here, this is at 100 in the first year of the graph, which is most often at the year 2010. From that point, future years are measured as a ratio against the base year. For instance, say in 'County A' there is a population of 10,000 in 2010 which lowers to 9,000 in 2011 and is raised to 12,000 in 2012. The indexed figure will show a base of 100 in 2010, lower to 90 in 2011, then raises to 120 in 2012.

These numbers are found by using the following formula:

Indexed Value for Current Year = Current Year Value / Base Year Value \* 100

In our previous example of 'County A':

2010:  $10,000/10,000*100 = 100$

2011:  $9,000/10,000*100 = 90$

2012:  $12,000/10,000*100 = 120$

Graphing data indexed by a base year makes seeing trends easier and faster. Here we can tell that population dipped from 2010 to 2011 then rose past the 2010 number to a much higher population. While this may seem obvious for a single data source, it becomes less so when a variety of items are being compared to each other.

Let us say that we also have population figures for 'County B' and for the 'State'. In County B the 2010 population was 50,000, 2011 was 49,000 and 2012 was 52,000. For the State, population in 2010 was 600,000, 2011 was 610,000 and 2012 was 700,000

For 'County B' our Indexed Values are:

2010: 100

2011: 98

2012: 104

For the 'State':

2010: 100

2011: 101.7

2012: 116.7

With these values, indexed all to 100 for the same base year of 2010, we can now easily measure the population changes for areas with completely different magnitudes of population.

County A and County B both lost 1,000 total population between 2010 and 2011, however County A lost 10% of its total population while County B lost only 2%. In that same year the State gained 10,000 people, but due to its much higher starting point, it was a gain of under 2%.

Let us now look at the population from 2010 to 2012. County A has gained 2,000. This is the same gain as County B has in the same time period, but both pale in comparison to the 100,000 people the state gained. However, when we look at the indexed data values, another story emerges. County B has a gain of 4% for the population. This is certainly an improvement from 2011 when population was lost. However, when we compare that to County A, it doesn't seem as impressive. County A has an increase of 20% over the time period. This is a substantial change compared to the 4% of County B. And let us not forget about the State. While it gained an amazing 100,000 population over this period, it is only a 16.7% increase in total population, less than County A's growth.

This is the reasoning behind using indexed data for figures/graphs throughout this report. Be it Race and Ethnicity, Housing, or Jobs by Industry, numbers in the same sphere are often needed to be compared, even if those numbers have values of different magnitudes. Indexing of the values allows a quick and easy comparison for the reader.

## Inflation Adjustment

Data in this report is shown for a variety of years. As often as possible the data is represented in a way to optimally compare it to previous years. Apples-to-apples so to speak. Dollar figures throughout the document in tables will often be inflated to accomplish this adjustment. Federal Reserve Bank of St. Louis, Economic Research Division, annually publishes an implicit price deflator to use for this purpose:

<https://fred.stlouisfed.org>

Using this data, the report modifies dollar amount to show in like terms. If a table has data from 2010 through 2016, the dollar amounts generally will have been adjusted to all show in 2016 dollars. If it shows through 2017, then the table generally shows in 2017 dollars. There is a note below each table with dollar figures represented stating the year the dollar figures are represented as.

This is done to be able to best compare years against each other. In uninflated data, if a county's per capita income went from \$28,000 in 2010 to \$33,000 in 2017, that seems like a very large increase. However, when we review that in data that has been adjusted for inflation, the \$28,000 in 2010 dollars shows as \$31,374 in 2017 dollars. Thus, our per capita income has grown less than \$1,700 in the five-year stretch, with inflation being perceived as responsible for over \$3,300 of the original difference.

## Suppressed Data

When data is gathered first-hand by public or government agencies, such as the US Census Bureau or the Bureau of Economic Analysis, suppressions are created to comply with laws and regulations to protect the privacy of the reporting businesses. Suppressed data also may appear in the school district data. Data here may be suppressed by FERPA regulations, or the Family Educational Rights and Privacy Act of 1974.

These suppressions, or non-disclosed data, show in this report generally as 'Insf. Data' (Insufficient Data), a hyphen, '-', or as less than 10, '<10'. The hyphen implies that there is data, but with it being non-disclosed, we do not have an estimate for it (this is most often seen in wage data for industries). Less than 10 implies that there is a nonzero amount (most often seen as total businesses in a region) that is somewhere between one and nine, inclusive.

## Poverty

### Definition

The Census Bureau gives the following **definition of poverty**: *The Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.*

This definition covers the poverty threshold, but not the poverty guidelines.

### There are two different poverty levels?

Yes, the federal government has two separate measures of poverty. The first is the **Census Bureau's "Poverty Thresholds"**. The second is the **Department of Health and Human Services' (HHS) "Poverty Guidelines"**. These are distinct terms with different formulas and different uses. The main use for the poverty thresholds created by the Census Bureau is statistical; that is, it is used in the calculating of the total number of people in poverty. HHS's poverty guidelines are for administrative purposes, mainly used to determine financial eligibility for certain programs.

### How does the makeup of the household affect each poverty level?

Both the thresholds and guidelines **take into account the total number of people in the household/family** that is being assessed. A two-person household has a lesser monetary level to be considered in poverty than a four-person household in both the threshold and guidelines. The guidelines do not factor in age in the calculations. The thresholds do, with both the total number of children and, for one- and two-person households, the elderly, taken into account.

### Are there cost of living adjustments based on where someone lives?

The quick answer is **no, not within the contiguous 48 states**. The poverty threshold has the same monetary level throughout the entire United States for any given year. There is no variation for any state, city, or other area. The poverty guidelines have a single monetary level for the 48 contiguous states and Washington DC, but a separate set of figures for each of Alaska and Hawaii.

### This report is using both the threshold and guidelines.

Any section that gives a count of people in poverty is using the Census Bureau's threshold. This includes the tables found within this section, such as the general population poverty numbers and veteran poverty numbers. Sections that show numbers regarding a part of the population on an assistance program will be using the HHS's guidelines. That includes school free and reduced lunch and WIC beneficiaries, among others.

### How are the poverty threshold and guidelines calculated?

Both the Census Bureau and HHS **update their poverty levels annually using** the Consumer Price Index for all Urban Consumers (**CPI-U**).

The **thresholds** are calculated by updating the original threshold matrix created in 1978 via the CPI-U. The Census Bureau issues preliminary thresholds in January and the final thresholds in September for the previous year. That is, the preliminary poverty thresholds for 2017 were issued in January 2018 and then updated in September 2018 for the final poverty thresholds. This is then used to measure poverty for the calendar year 2017, reflecting the 2017 calendar year price level.

The poverty **guidelines** are issued every January, calculated from the thresholds finalized the previous year. Thus, the 2017 guidelines were issued in January 2017 calculated from the calendar year 2015 thresholds finalized in September 2016. Due to this, the 2017 guidelines are roughly equal to the 2016 thresholds.

## **Appendix C: Source Explanations**

This appendix gives an in-depth look at the different sources used throughout the creation of this document.

*The following sources were used for information throughout the report:*

- ❖ American Community Survey (ACS)
- ❖ Economic Modeling Systems International (EMSI)
- ❖ Environmental Systems Research Institute (ESRI)
- ❖ Federal Reserve Bank of St. Louis, Economic Research Division
- ❖ Headwaters Economics' Economic Profile System
- ❖ Nevada Department of Taxation
- ❖ Nevada Gaming Control Board
- ❖ Nevada Report Card
- ❖ United States Bureau of Economic Analysis (BEA)
- ❖ United States Census Bureau
- ❖ United States Geological Survey

## American Community Survey (ACS)

The ACS is an ongoing survey conducted by the U.S. Census Bureau. Per the Census Bureau:

*“The American Community Survey (ACS) is an ongoing survey that provides vital information on a yearly basis about our nation and its people. Information from the survey generates data that help determine how more than \$675 billion in federal and state funds are distributed each year. Through the ACS, we know more about jobs and occupations, educational attainment, veterans, whether people own or rent their homes, and other topics. Public officials, planners, and entrepreneurs use this information to assess the past and plan the future. When you respond to the ACS, you are doing your part to help your community plan for hospitals and schools, support school lunch programs, improve emergency services, build bridges, and inform businesses looking to add jobs and expand to new markets, and more.”*

The Census Bureau started collecting data for the ACS in 2005. At that point they determined to create three separate estimates for use: 1-year estimates; 3-year estimates; and 5-year estimates. The 3-year estimates were discontinued as of 2013.

Data for the 2005 1-year estimates was collected from January through December 2005 and released in 2006. The first 5-year estimates were released for 2009, with data being gathered from January 2005 through December 2009. Future 5-year estimates follow the same formula. The 2012-2016 5-year estimates have data collected January 2012 through December 2016.

In this document, tables and charts sourcing the ACS will often refer to the last year of an ACS 5-year estimate as the heading year. It is important to remember that this data is not a snapshot of the year (or any single point in time) being referenced, but of the Census Bureau’s estimate for the 5-year period.

### Why do we use the 5-year estimates rather than the 1-year estimates or point-in-time estimates?

There are two reasons. The first is that the 5-year estimates gives a larger sample size, giving a more accurate representation of the population, even for those areas with larger populations. This will give a smaller margin of error for all data.

The second reason is two-fold. The ACS does not publish 1-year estimates for areas with population less than 65,000. In Nevada, in 2017, only Clark and Washoe Counties report a population of over 65,000. While we could use the 1-year estimates for the reports of those two counties, it is inappropriate (per the Census Bureau) to compare data between the 1-year and 5-year estimates. Thus, if someone wished to compare the data between, say, Clark and Lincoln Counties, it is necessary that the data be consistent throughout the two reports.

The ACS is used throughout the Demographic, Social, and Economic Characteristics sections of this report.

<https://www.census.gov/programs-surveys/acs/about.html>

<https://www.census.gov/content/dam/Census/library/publications/2008/acs/ACSGeneralHandbook.pdf>

## Economic Modeling Specialists International (EMSI)

EMSI is a leader in labor market data and covers more than 99% of the workforce in the United States. Per EMSI, their mission:

*“Our mission is to use data to drive economic prosperity. To do this, we inform and connect three critical audiences: people (who are looking for good work), employers (who are looking for good people), and educators (who are looking to build good programs and engage students). Since this vital connection takes place in the context of regional economies, we also work with workforce and economic development organizations laboring to improve economic ecosystems. We are known for our peerless service, our fantastic work-life balance, but above all—our deep commitment to our clients. We are blessed to work alongside such dedicated, passionate customers as we build a stronger economy.”*

While they are headquartered in Idaho, EMSI serves clients throughout the U.S., Canada, UK, and Australia.

Their traditional labor market information uses dozens of government data sources with over 18 billion data points. Job posting analytics surveys hundreds of millions of online job postings and their compensation data observes over 40 million individual compensation observations. These data sources include federal government entities, government entities from all 50 states, and a variety of trusted private organizations.

EMSI data is used in this report throughout the Economic Characteristics and NAICS sections, being the main source for Industry and Occupation data.

<https://www.economicmodeling.com/>

<https://www.economicmodeling.com/data-sources/>

## Environmental Systems Research Institute (ESRI)

Esri is considered the world leader in GIS (geographic information system) technologies.

Per Esri:

*“Esri was founded to help solve some of the world’s most difficult problems. We do so by supporting our users’ important work with a commitment to science, sustainability, community, education, research, and positive change.”*

Esri’s mapping and analytics give access to demographic data in 137 countries with over 75% of Fortune 500 companies using Esri software.

Esri provides its own data and 5-year projections and uses the information from federal government and private industry sources.

Esri data is used in this report in maps and in various demographic areas.

<https://www.esri.com/en-us/home>

[http://downloads.esri.com/esri\\_content\\_doc/dbl/us/G164052\\_US-DataFactSheet\\_WEB.pdf](http://downloads.esri.com/esri_content_doc/dbl/us/G164052_US-DataFactSheet_WEB.pdf)



## Federal Reserve Economic Data (FRED)

FRED is a database maintained by the Research division of the Federal Reserve Bank of St. Louis, Research Division. They have over 500,000 time-series from 87 different sources for the public to use. Per the St. Louis Fed website:

*“The Federal Reserve Bank of St. Louis is the center of the Eighth District of the Federal Reserve System. This District includes Arkansas, eastern Missouri, southern Illinois and Indiana, western Kentucky and Tennessee, and northern Mississippi.*

*The Research Division of the Federal Reserve Bank of St. Louis is responsible for advising the Bank president on matters of economic policy. The Division monitors the economic and financial literature and produces research in the areas of money and banking, macroeconomics, and international and regional economics.*

*A diverse group of Bank publications allows the Research Division to address quickly changing economic trends, explore the relevance of historical and current data for economic policy, and expand the understanding of issues relevant to the Eighth District and beyond.*

*The Research Division also furnishes its working papers to provide insight into current Bank interests and developing theories and to stimulate discussion.*

*This site offers a wealth of economic data and information to promote economic education and enhance economic research. The widely used database FRED is updated regularly and allows 24/7 access to regional and national financial and economic data.”*

The biggest use of the FRED in this report is their measuring of change in the Consumer Price Index (CPI). Their CPI and inflation formulae are used throughout this report to calculate inflated dollar figures in most, if not all, sections.

<https://research.stlouisfed.org/>

## Headwaters Economics' Economic Profile System

Headwaters Economics is an independent, nonprofit research group that works to improve community development and land management decisions. Per Headwaters Economics' website:

*“Headwaters Economics provides original and effective research to help people and organizations develop solutions to some of the most urgent and important issues that communities face. ... Headwaters Economics works with community leaders, landowners, public land managers, elected officials, and business owners. Our goal is to give these partners credible information to help them identify, understand, and solve problems.”*

In this report Headwaters Economics' Economic Profile System (EPS) is used. The EPS pulls data from the Bureau of Economic Analysis, Bureau of Labor Statistics, the Census Bureau, and many other sources and puts it in easy to read and use reports.

The sourcing below each table referencing Headwaters Economics data in this report also shows the sourcing of where the EPS obtained the data from. This can often be a mouthful, such as with the following example from the 'Land Cover' table previously found in this report:

*Source: U.S. Geological Survey, Gap Analysis Program. 2016. Protected Areas Database of the United States (PADUS) version 1.4, as reported by Headwaters Economics' Economic Profile System (headwaterseconomics.org/eps)*

This states that Headwaters Economics reported this data via their Economic Profile System, with original sourcing from the U.S. Geological Survey, Gap Analysis Program PADUS version 1.4.

EPS data is most often used in the Land Use and Fiscal Characteristics section of this report.

<https://headwaterseconomics.org/about/>

<https://headwaterseconomics.org/tools/economic-profile-system/about/>



## United States Bureau of Economic Analysis (BEA)

The BEA is an agency of the Department of Commerce of the United States federal government. Per the BEA website:

### Mission

*The Bureau of Economic Analysis (BEA) promotes a better understanding of the U.S. economy by providing the most timely, relevant, and accurate economic accounts data in an objective and cost-effective manner.*

### Vision

*To be the world's most respected producer of economic accounts.*

### Core Values of BEA

- *Integrity: Maintaining the sterling reputation of BEA and its statistics.*
- *Quality: Producing timely, relevant, and accurate statistics.*
- *Excellence: Fostering staff excellence and recognizing and rewarding employee contributions.*
- *Responsiveness: Providing customers with the programs and services they need.*
- *Innovation: Using technology and new methodologies to meet measurement challenges."*

The BEA is part of the Department's Economics and Statistics Administration and provides a comprehensive, up-to-date picture of the U.S. economy.

In this report we use the BEA's interactive data portal to find regional data, especially for Personal Income. You can find this data in the Economic Characteristics section of the report.

<https://www.bea.gov/index.htm>

## United States Census Bureau

The first census was taken in 1790 and, as required by the U.S. Constitution, has taken place every ten years thereafter. In 1902 the Census Office was placed within the Department of the Interior and in 1903 officially came known as the Bureau of the Census.

The Census Bureau is the federal government's largest statistical agency. Per the Census Bureau, their mission:

*"The Census Bureau's mission is to serve as the nation's leading provider of quality data about its people and economy.*

*We honor privacy, protect confidentiality, share our expertise globally, and conduct our work openly.*

*We are guided on this mission by scientific objectivity, our strong and capable workforce, our devotion to research-based innovation, and our abiding commitment to our customers."*

The Census Bureau provides three separate censuses:

- Decennial Census – Population and housing count every 10 years
- Economic Census – Measure of the nation's economy every 5 years
- Census of Governments – Data on the 90,000 state/local governments every 5 years

The Census Bureau also surveys the population on an ongoing basis, with the most well-known example being the American Community Survey (ACS).

These censuses and surveys are used to create hundreds of reports and the data is also accessible through the Census Bureau's data tools and apps.

<https://www.census.gov/en.html>

## United States Geological Survey – Gap Analysis Project

The U.S. Geological Survey was created in 1879 and is the sole science agency for the Department of the Interior.

The Gap Analysis Project (GAP) is an element of the U.S. Geological Survey. Their mission:

*“The Gap Analysis Project mission is to provide state, regional, and national biodiversity assessments of the conservation status of native vertebrate species, aquatic species, and natural land cover types and to facilitate the application of this information to land management activities. Species and habitat distribution models are used to conduct a biodiversity assessment for species across the U.S. The goal of GAP is to keep common species common by identifying species and plant communities that are not adequately represented in the existing conservation lands network. By providing these data, land managers and policy makers can make better-informed decisions when identifying priority areas for conservation.”*

To implement the mission, GAP partners in the development of four core datasets:

1. A detailed map of the terrestrial ecosystems of the United States;
2. Maps of predicted habitat distributions for the terrestrial vertebrate species for the U.S.
3. Distribution models for aquatic species
4. The Protected Areas Database of the U.S.

<https://www.usgs.gov/programs/gap-analysis-project/about>

## State and Local Agencies

Many state, county, and city government organizations were used while creating this document.

We thank these entities for having data available to the public for use in reports such as this.

### Nevada Department of Employment, Training and Rehabilitation

<https://detr.nv.gov/>  
<http://nevadaworkforce.com/>

### Nevada Department of Taxation

<https://tax.nv.gov/>

### Nevada Demographer’s Office

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

### Nevada Gaming Control Board

<https://gaming.nv.gov/>

### Nevada Report Card

<http://nevadareportcard.com/di/>

Various county budget and fiscal planning departments and assessor’s offices

## Appendix D: Photo Credits

**Photos and images from stock photo websites were used on the following pages:**

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*Buddy Borden*

*Joe Lednický*

