

# NEVADA'S MINING INDUSTRY

## PERCEPTIONS AND REALITIES

# 2017

JEREMY AGUERO



# Perceptions

Applied Analysis conducted its 6<sup>th</sup> annual survey of mining businesses on behalf of the Nevada Mining Association; we also focused on women in the mining industry during another survey, which wrapped up in the beginning of this year.

From the survey results, it is clear that there are some potential misconceptions relating to Nevada's economy, the mining industry and the benefits mining brings to the state of Nevada.

# Realities

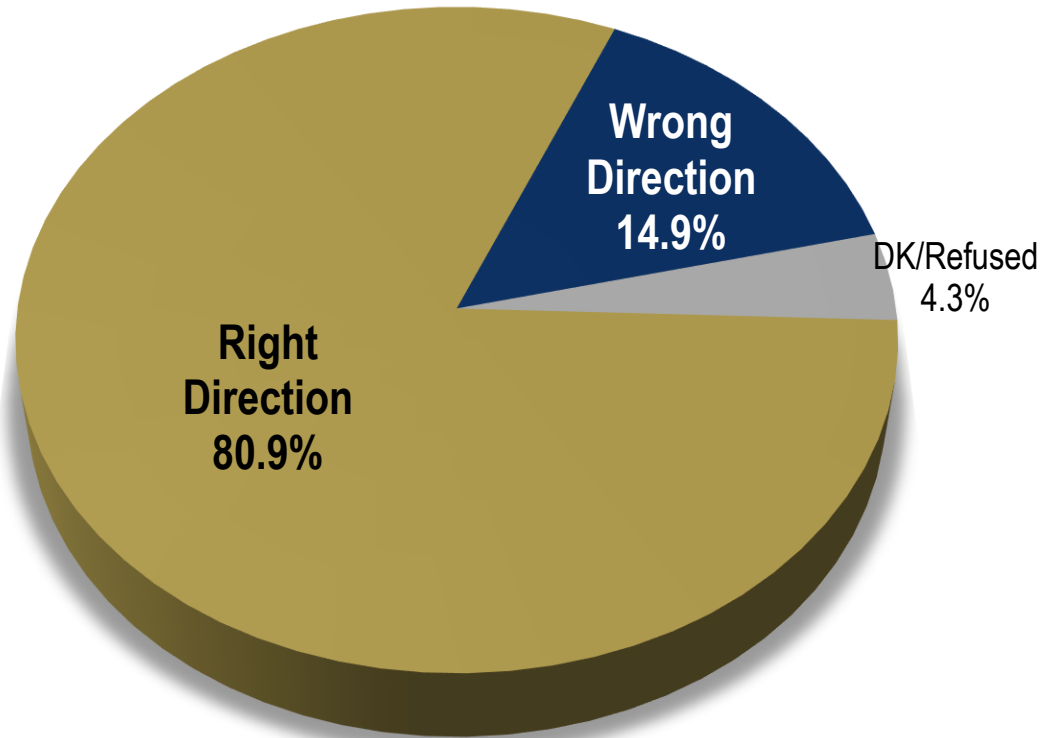
Nevada is today among the healthiest and most productive economies in the United States. It leads the nation in population growth, employment growth and personal income growth.

Nevada's mining industry remains an important element of the State's economic success in and out of its rural communities. The industry comprises a relatively small share of the State's employment, but features two of the ten highest assessed taxpayers.

# Perception



Do you believe the national economy is generally headed in the right direction or the wrong direction?



N=47

# Reality

U.S. Employment  
August 2017 TTM Avg.

**145.8 M**  
Currently at Peak

U.S. Real GDP  
Q2 2017

**\$17.0 T**  
Currently at Peak

U.S. Corporate Profits  
Before Tax; Q2 2017

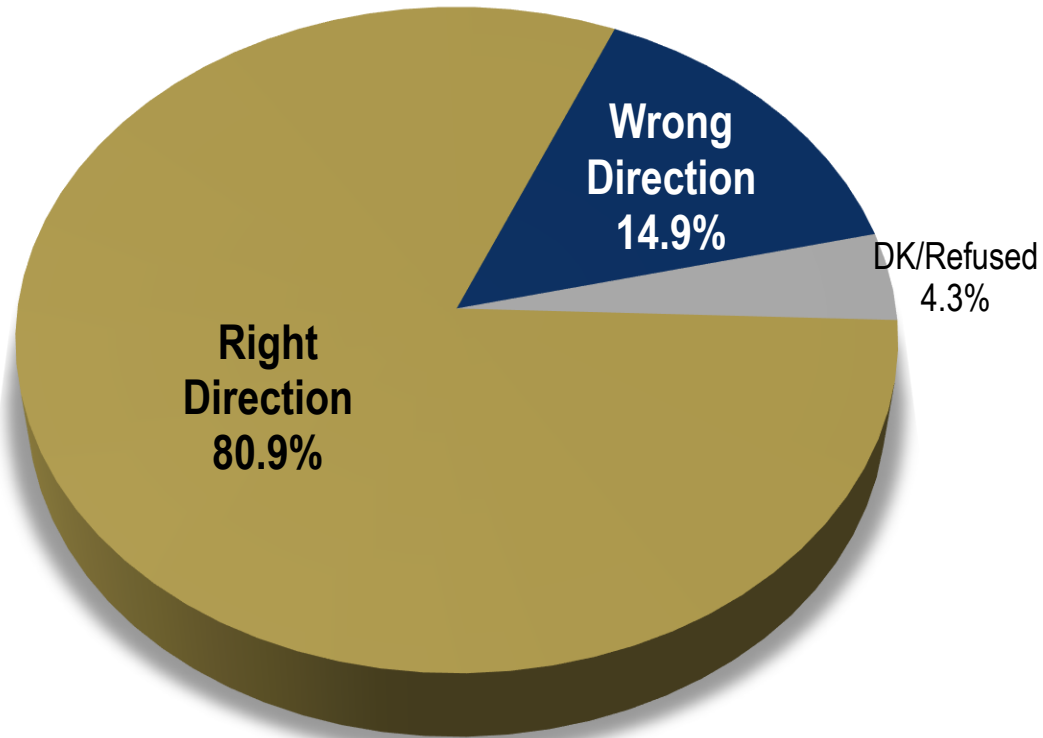
**\$2.3 T**

Source: U.S. Bureau of Labor Statistics; U.S. Bureau of Economic Analysis; Federal Reserve Bank of St. Louis

# Perception



Do you believe the national economy is generally headed in the right direction or the wrong direction?



N=47

# Reality

U.S. Employment  **+1.6%**  
TTM Aug. '16 vs. Aug. '17

U.S. Real GDP  **+2.1%**  
Q2 2016 vs. Q2 2017

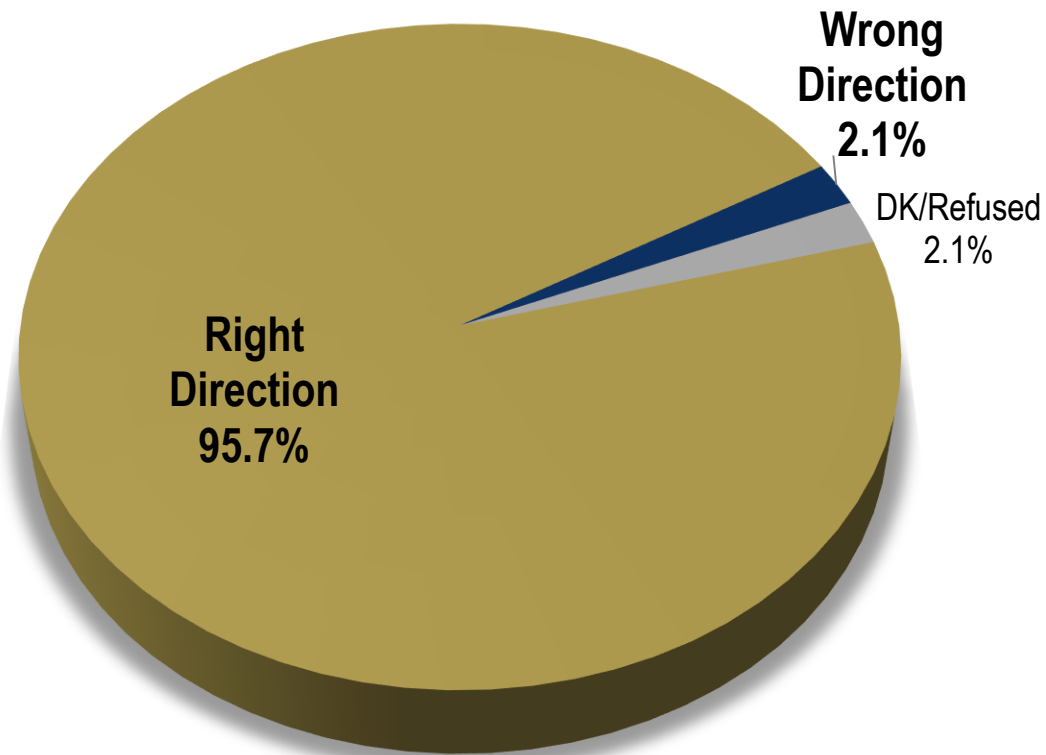
U.S. Corporate Profits  **+6.7%**  
Q2 2016 vs. Q2 2017

Source: U.S. Bureau of Labor Statistics; U.S. Bureau of Economic Analysis; Federal Reserve Bank of St. Louis

# Perception



*What about the Nevada economy? Would you say it is generally heading in the right direction or the wrong direction?*



N=47

# Reality

Nevada Population  
2016

**2.9 M**  
Currently at Peak

Nevada Employment  
July 2017 TTM Avg.

**1.3 M**  
Currently at Peak

Nevada GDP  
2016

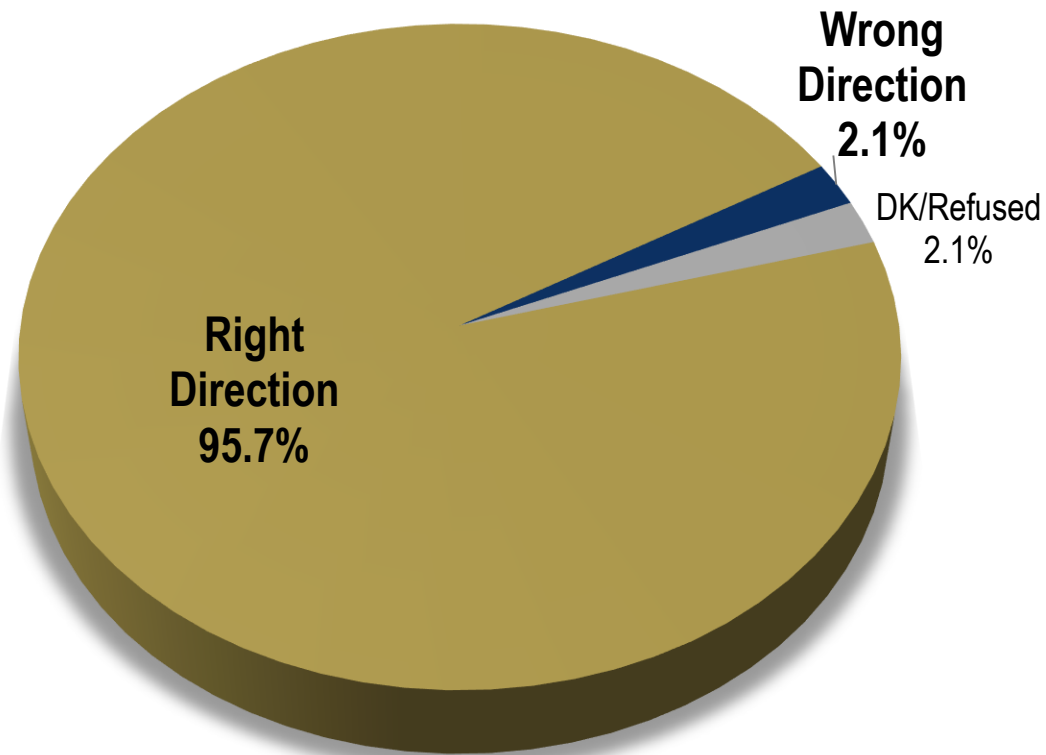
**\$147.5 B**  
Currently at Peak

Source: U.S. Census Bureau; U.S. Bureau of Labor Statistics; U.S. Bureau of Economic Analysis

# Perception



What about the Nevada economy? Would you say it is generally heading in the right direction or the wrong direction?



N=47

# Reality

Nevada Population  
2015 vs. 2016 +2.0%

Nevada Employment  
TTM July '16 vs. July '17 +3.2%

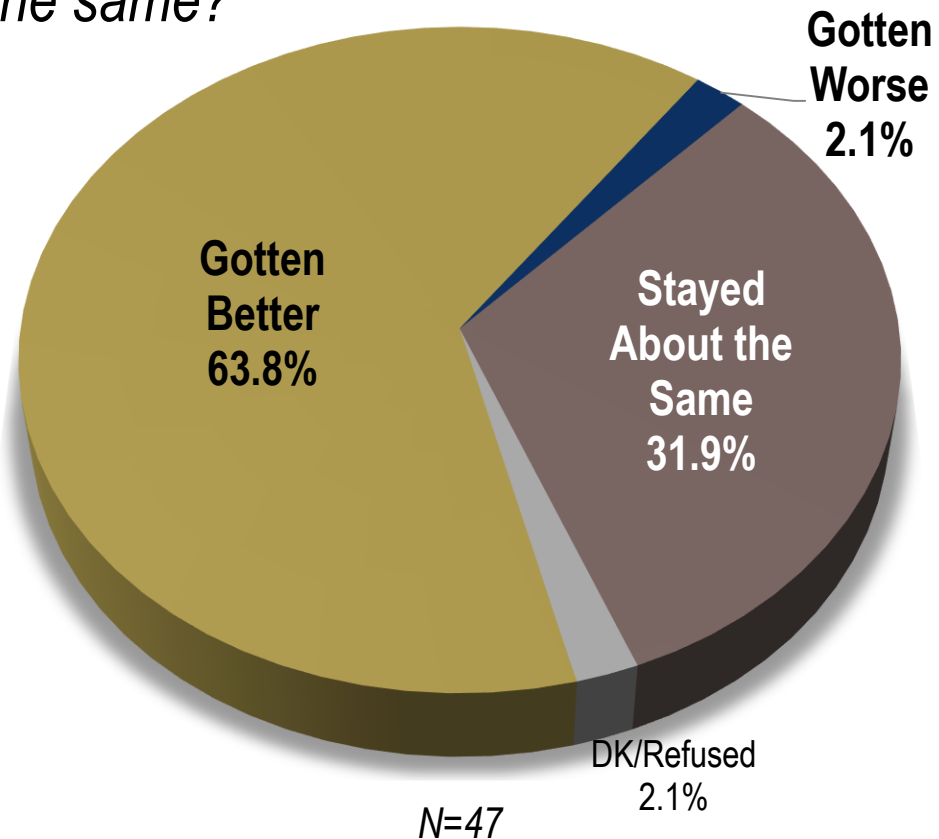
Nevada GDP  
2015 vs. 2016 +4.5%

Source: U.S. Census Bureau; U.S. Bureau of Labor Statistics; U.S. Bureau of Economic Analysis

# Present Perception



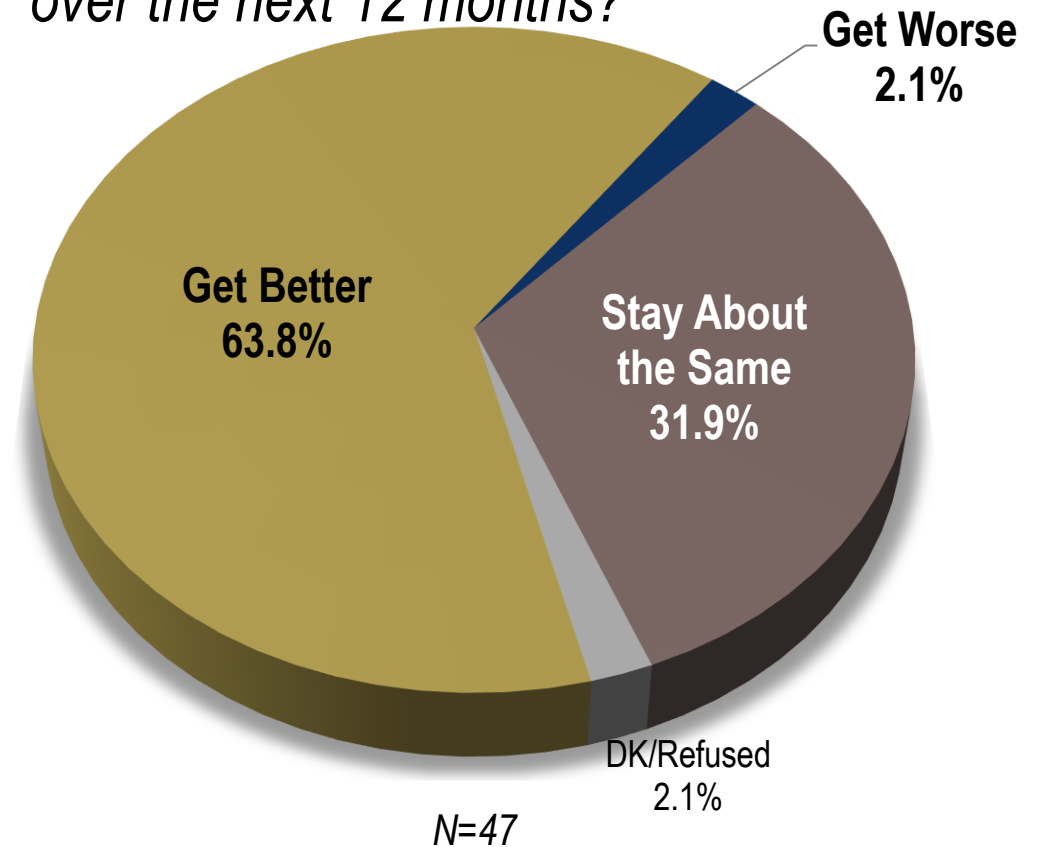
Thinking back over the past year, would you say the business environment in Nevada has gotten better, gotten worse or stayed about the same?



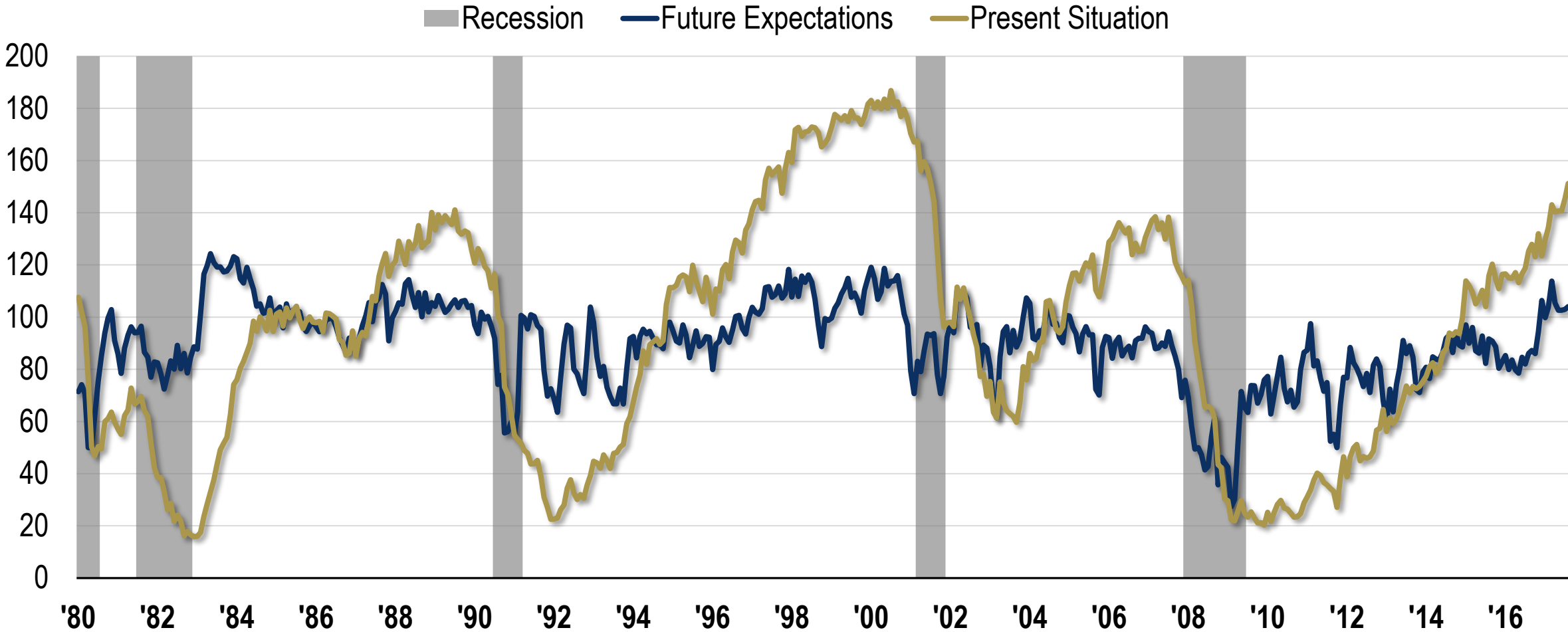
# Future Perception



Thinking about the future, do you expect the business environment in Nevada to get better, get worse or stay about the same over the next 12 months?



# Reality: Consumer Confidence



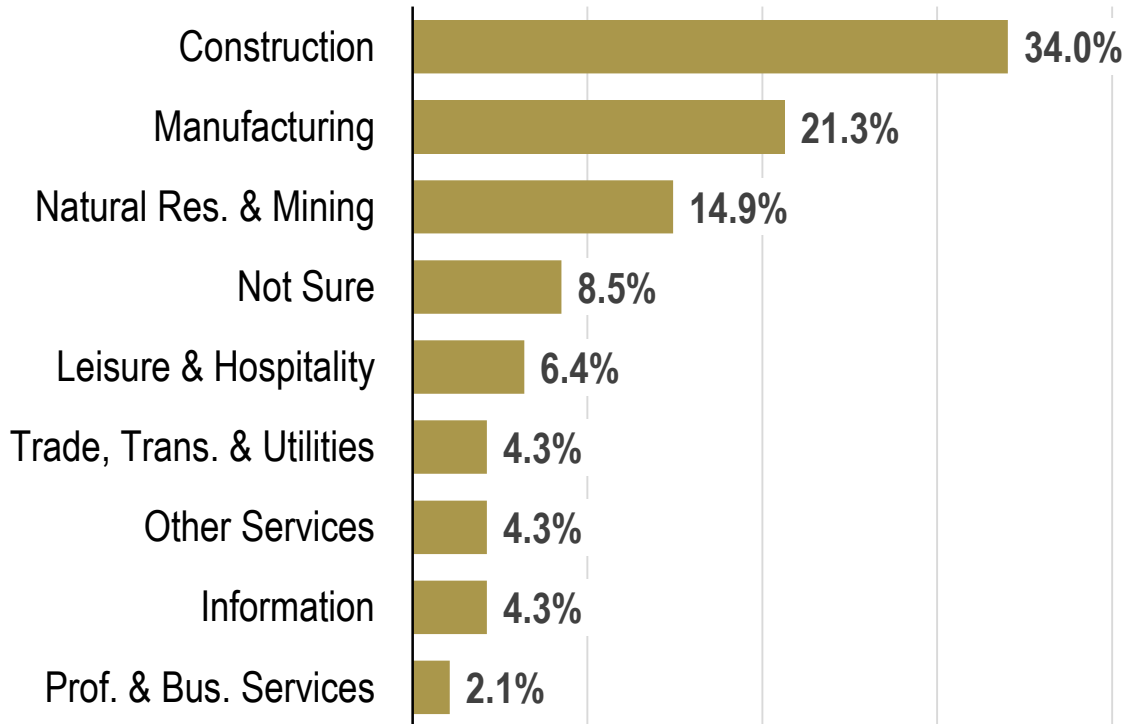
Source: The Conference Board



# Perception



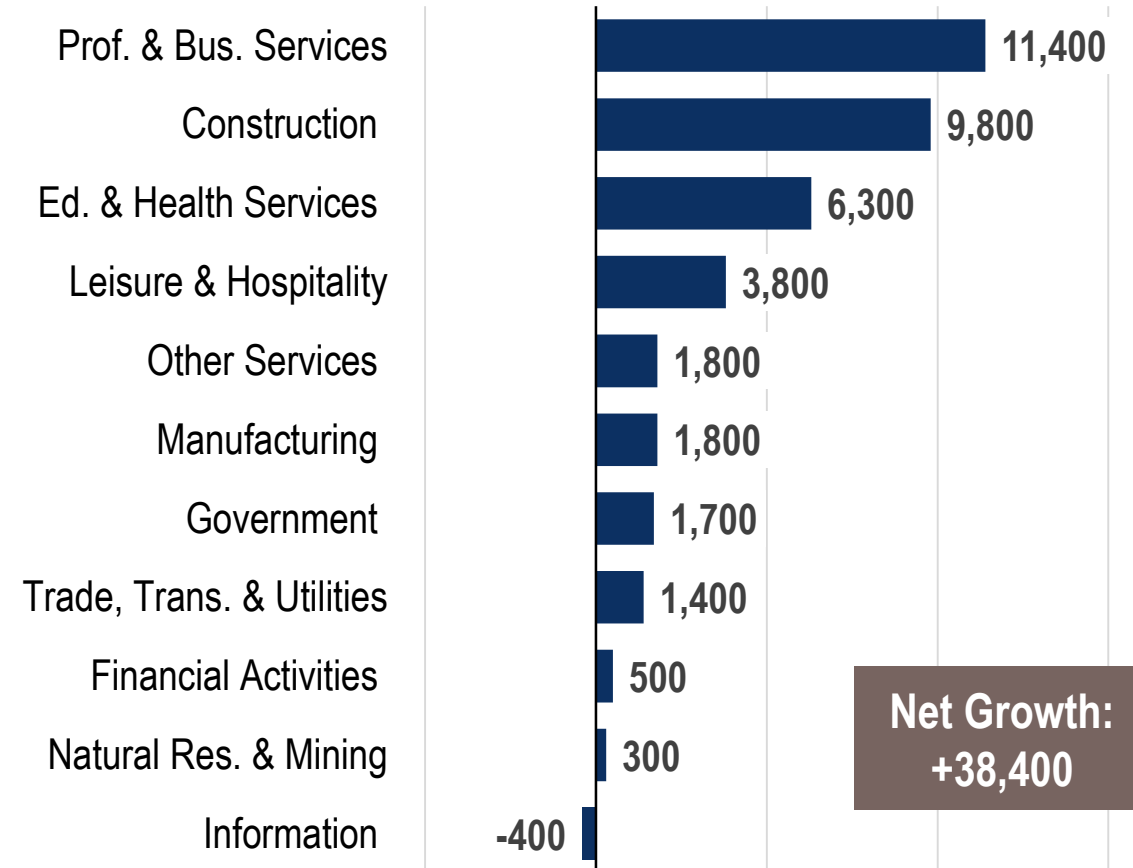
*Assuming the number of jobs in Nevada increases in the next 12 months, which sector do you think will add the most employees?*



N=47

# Reality

## Nevada YoY Employment Growth Past 12 Months



**Net Growth:  
+38,400**

Source: U.S. Bureau of Labor Statistics



# \$27.7 Billion

Value of Projects Planned, Proposed or  
Under Construction in Nevada

# Resorts World Las Vegas

- \$4.0 Billion
- Under Construction
- Expected Completion: 2020



# Las Vegas Stadium

- \$1.9 Billion
- Planned
- 65,000 seats
- Future home of the LV Raiders
- Est. Completion: Q3 2020



# Wynn Paradise Park

- \$1.5 Billion
- Planned
- 38-Acre lagoon
- Expected Completion: Early-2019





# Vegas Extreme Park

- \$800 Million, 90 acres
- Planned
- Projected start: Late 2017
- All-in-one Action & Lifestyle Sports and Entertainment Complex



# ARIA Convention Center Expansion

- \$154 Million
- Under construction
- Expected completion: Feb. 2018





# MGM Grand Convention Center Expansion

- \$130 Million
- Under construction
- Expected Completion: 2018





# Convention Center District Expansion

- \$1.4 Billion
- Planned
- Est. Completion: 2022





# Monorail Extension to Mandalay Bay

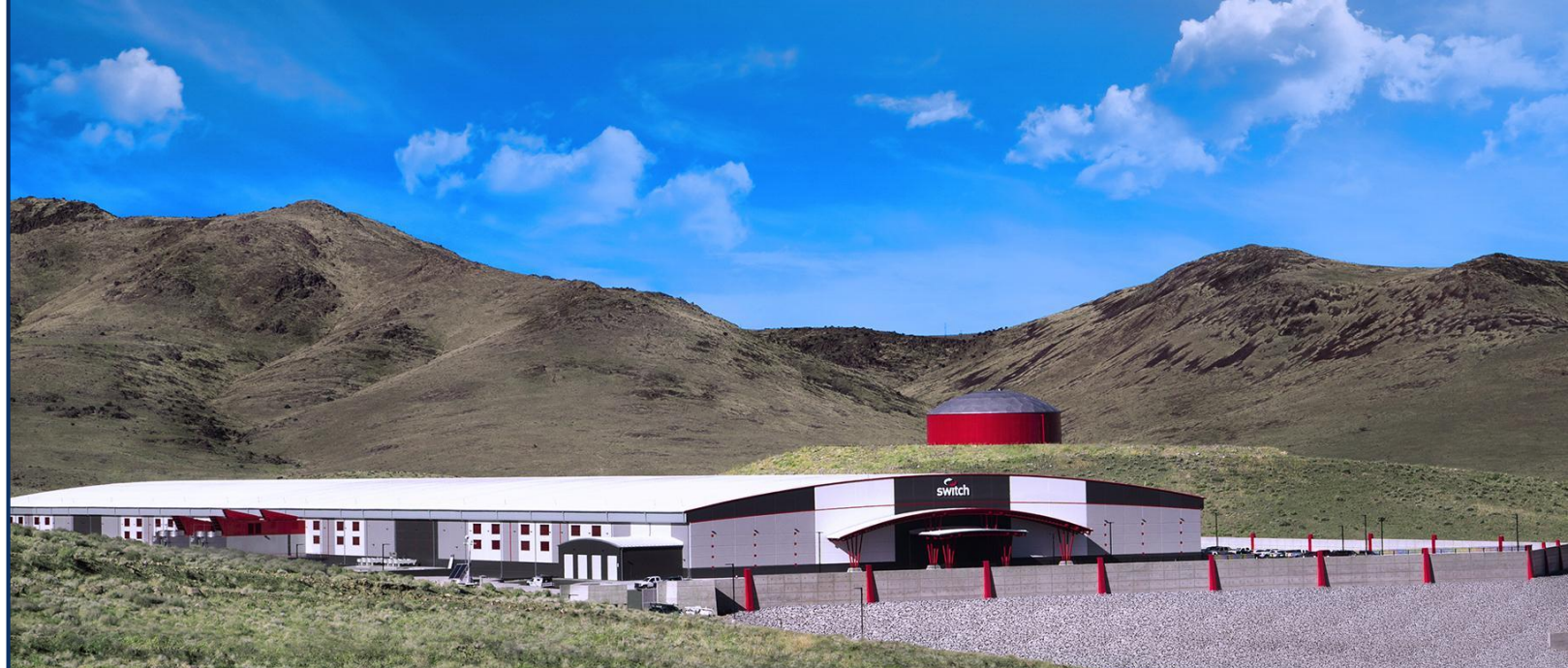
- \$100 Million
- Planned
- Expected Completion: 2019





## Switch Tahoe Reno Industrial Center

- \$3.0 Billion
- Under Construction
- Phase 2
- Est. Completion: 2025



# West 2<sup>nd</sup> District

(Downtown Redevelopment Project)

- \$1.2 Billion
- Planned
- 17-Acre Multi-Building
- Est. Completion: 2026





“Google has become the latest big-name tenant at the 100,000-acre Tahoe Reno Industrial Center. Documents filed to the Storey County recorder on Friday show 1,200 acres of land was sold for \$26.1 million.”

-- Las Vegas Sun, 4/17/17

# Tesla's Gigafactory

- \$5.4 Billion
- Under Construction
- Est. Completion: 2020 (Phase 2)



## Nevada will soon play a major role in supplying lithium to Tesla

By STAFF WRITER · Sep 22, 2015, 7:22PM



The vast desert landscape of Nevada will soon become home to more than just Tesla's Gigafactory as the electric carmaker has signed an agreement with Vancouver-based Pure Energy Minerals to provide lithium to the battery factory.

The deal establishes a commitment for an annual purchase volume of product over a period of five years by Tesla and/or its authorized purchasers. The agreement also sets a predetermined price on the lithium to supply Tesla's battery cell manufacturing process.

According to *Fortune*, the deal is somewhat unusual in the world of battery manufacturing as the majority of the world's lithium comes from Australia, Argentina, Chile and eastern China.

“The vast desert landscape of Nevada will soon become home to more than just Tesla’s Gigafactory as the electric carmaker has signed an agreement with Vancouver-based Pure Energy Minerals to provide lithium to the battery factory.”

-- *Mining Global*, 9/22/15

## Trending: Is Lithium Rush the new Gold?

14:25 26 Apr 2016

What are the prospects for 21st century wonder metal lithium?

Share ▾



Pictured- the Nevada desert, home of a new lithium rush?

Lithium may be present in all of us but it seems like the Nevada desert is where a new metal rush is beginning to turn into a stampede.

The soft, silver-white metal belonging to the alkali metal group has traces in all organisms. The element serves no apparent vital biological function, since animals and plants survive in good health without it, though non-vital functions have not been ruled out.

But its many and varied other applications appear to be what has several companies, such as **Sienna Resources (CVE:SIE)**, and **Enertopia Corp (OTCMKTS:ENRT, CNSX:TOP)** taking a major interest in it. Meanwhile, **Tesla Motors (NASDAQ:TSLA)** in partnership with Panasonic is building a "gigafactory" lithium battery manufacturing plant near Reno, Nevada.

And let us not forget news on Monday that a rise in global demand and limited sources convinced **Crystal Peak Minerals Inc. (OTCQX:CPMMF)** to consider entering the lithium market. [Read more here](#)

Lithium and its compounds have several industrial applications, including heat-resistant glass and ceramics, lithium grease lubricants, flux additives for iron, steel and aluminium production, lithium batteries, and lithium-ion batteries. These uses account for more than three quarters of lithium production.

Sienna announced last week that it had acquired the Esmeralda project in Clayton Valley, Nevada, which is prospective for lithium, and plans to start operations shortly. [Read more here](#)

Sienna shares, which had been trundling along at around C\$0.02 until the end of January have since soared to a recent peak of C\$0.17 after its Esmeralda news.

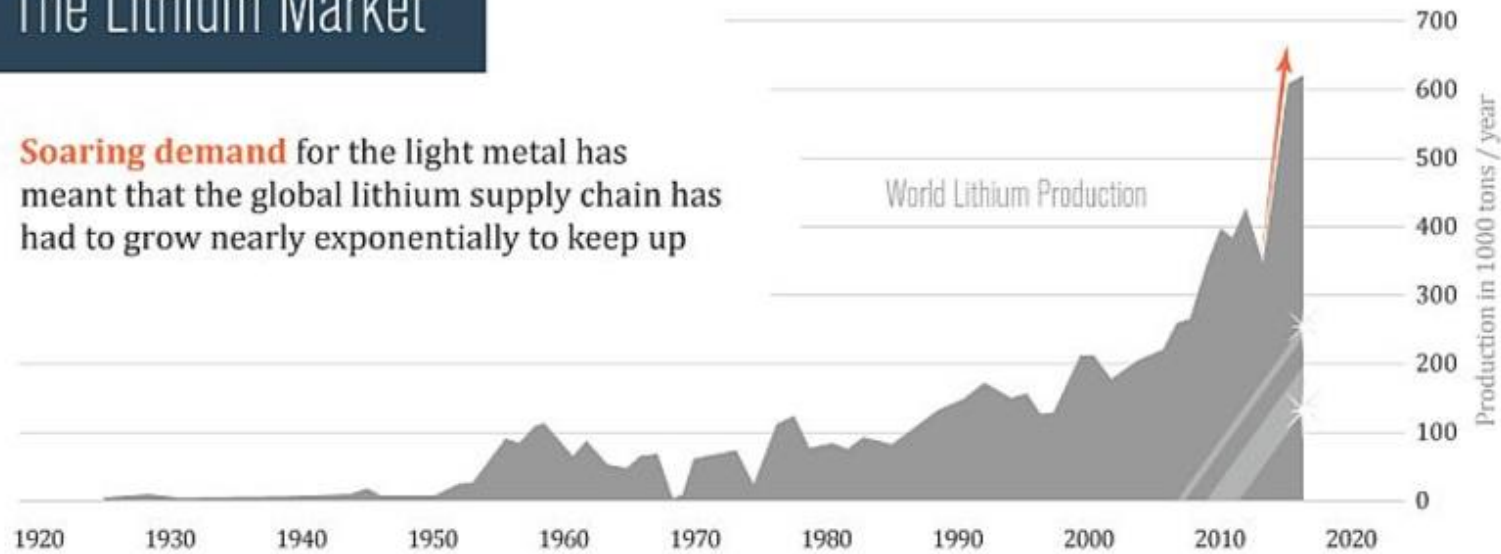
“Lithium may be present in all of us but it seems like the Nevada desert is where a new metal rush is beginning to turn into a stampede.”

-- *Proactiveinvestors, 4/26/17*



# The Lithium Market

**Soaring demand** for the light metal has meant that the global lithium supply chain has had to grow nearly exponentially to keep up



Renewable Energy Storage  
(Wind and Solar)

Two Major  
Growth  
Drivers



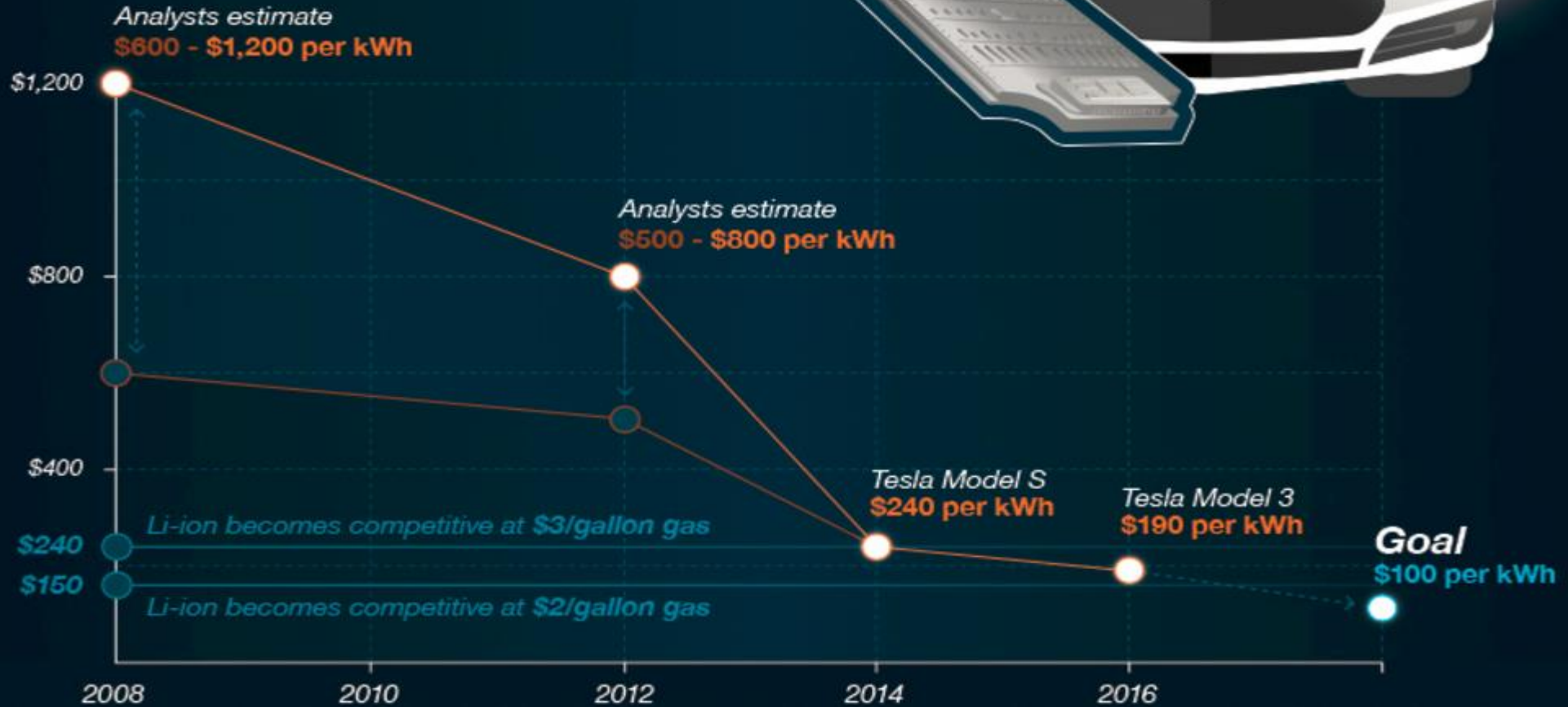
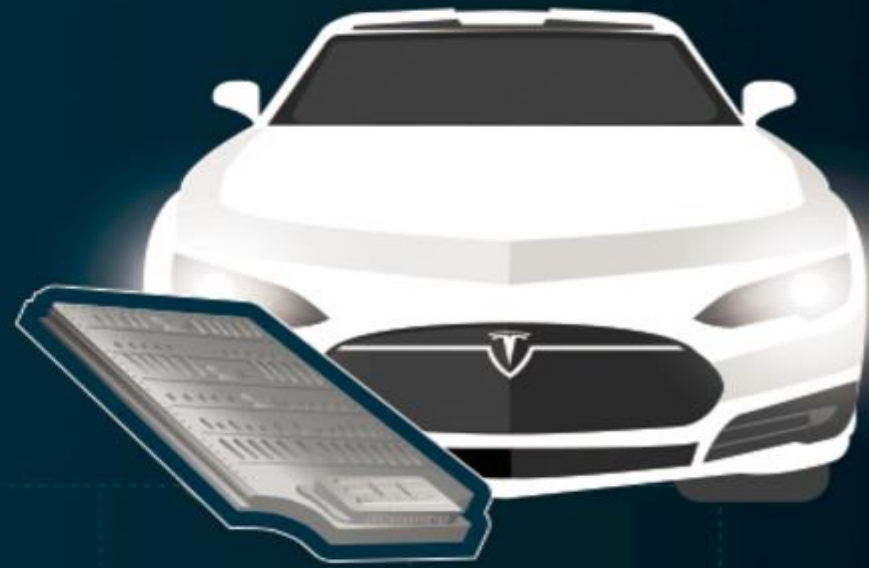
Electric Vehicles

The 'Lithium Hub' in Nevada has the only producing lithium mine in the U.S. (the Rockwood Mine in Clayton Valley, NV) and is nearby the Tesla Gigafactory facility

Source: Mining Global

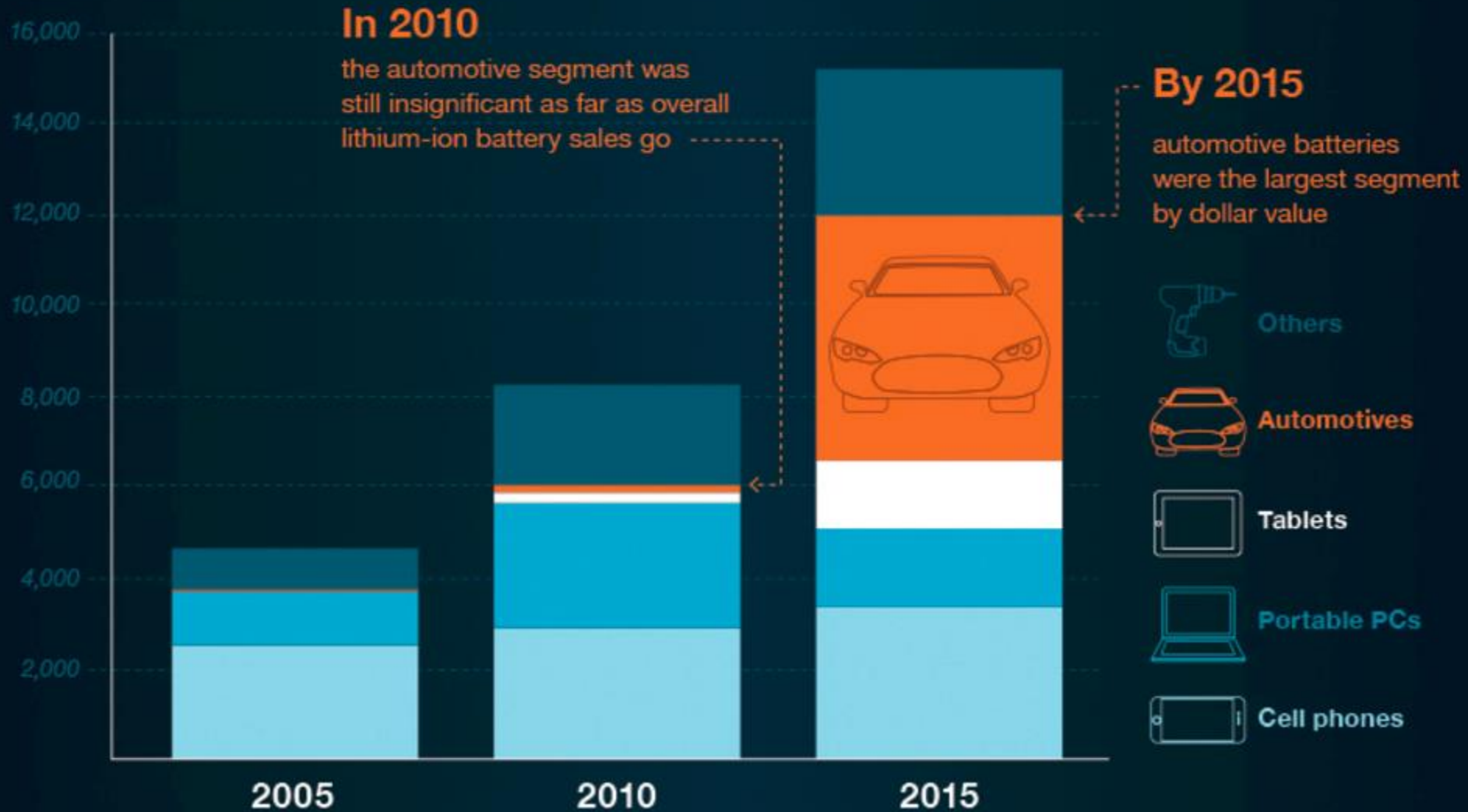
# THE COST OF LITHIUM-ION AUTOMOTIVE BATTERIES

Recently, scientists have made even more progress, opening the lithium-ion to many more applications, namely in electric vehicles:



Source: Visual Capitalist

# Li-ion Battery Sales (in millions)

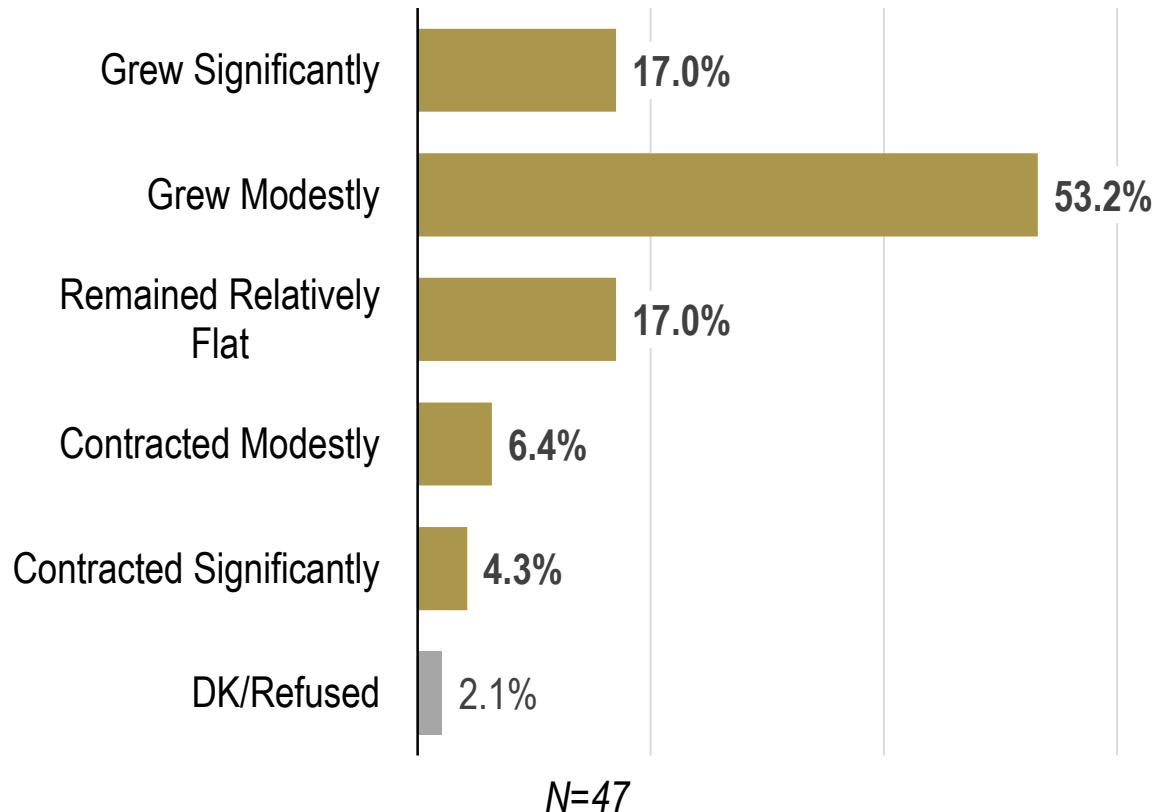


Source: Visual Capitalist

# Perception

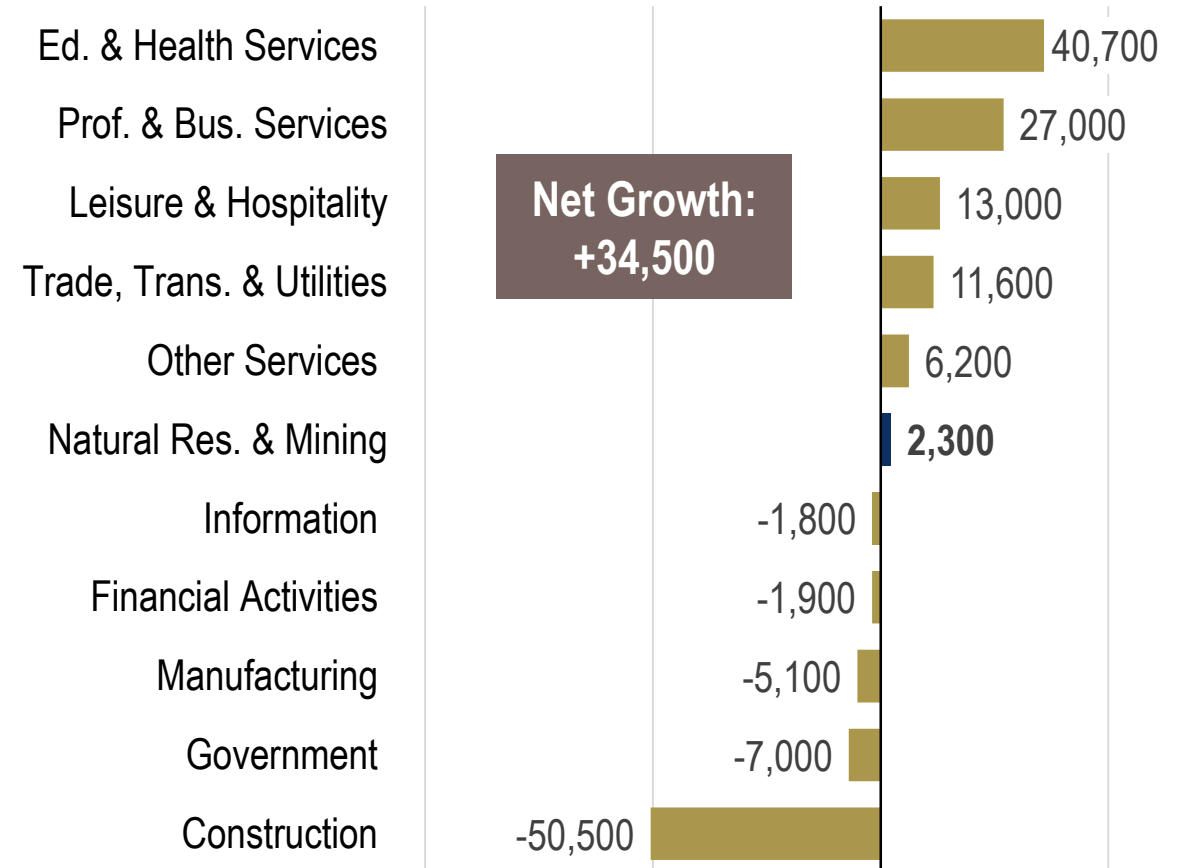


*Overall, how did your business generally perform during the economic recovery (the 2010 to 2015 timeframe)?*



# Reality

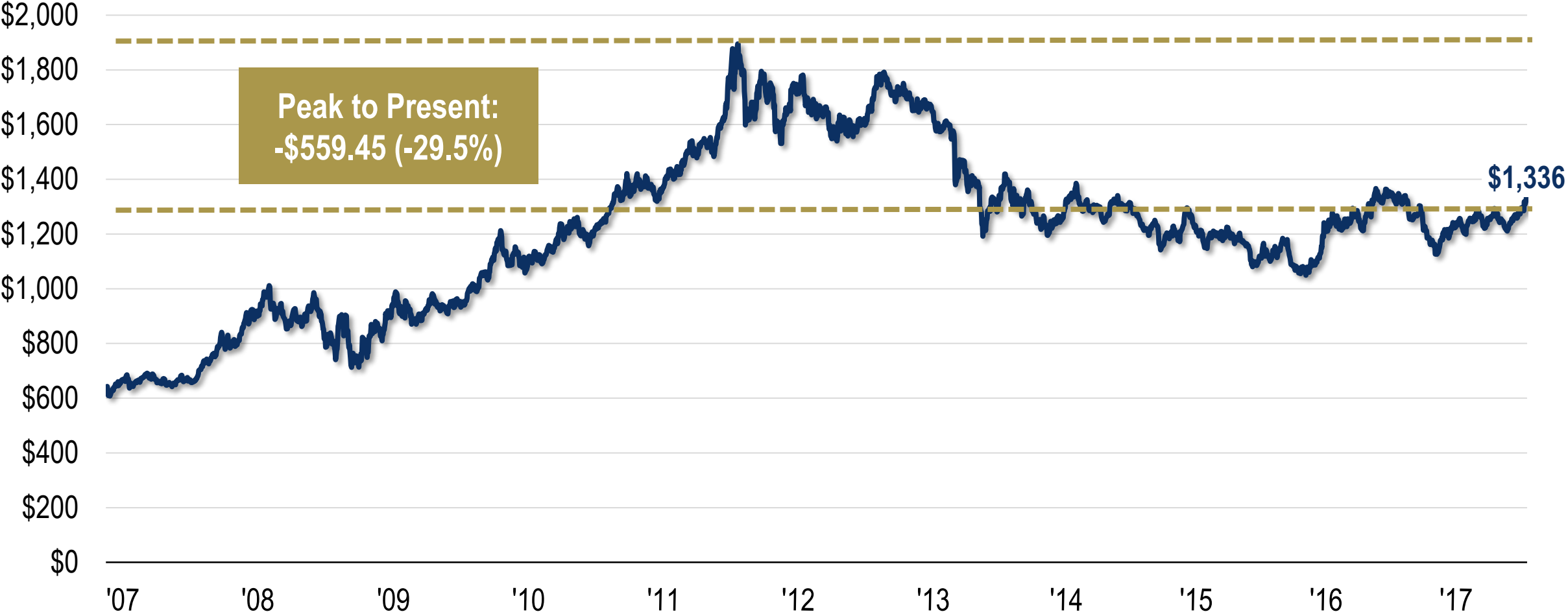
## Nevada Employment Growth Pre-Recession to Present



Source: U.S. Bureau of Labor Statistics

# Price of Gold

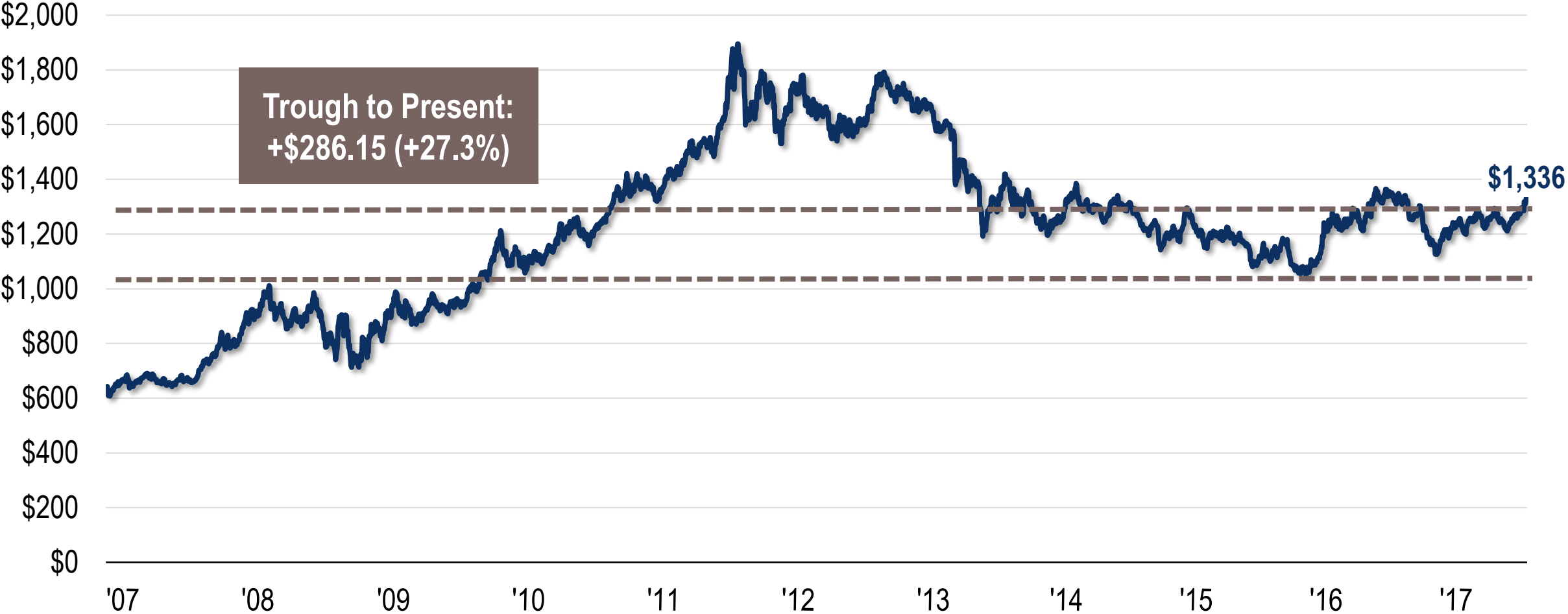
## USD per Troy Ounce



Source: London Bullion Market Association

# Price of Gold

## USD per Troy Ounce



Source: London Bullion Market Association

# Price of Silver

## USD per Troy Ounce



Source: London Bullion Market Association

# Price of Silver

## USD per Troy Ounce

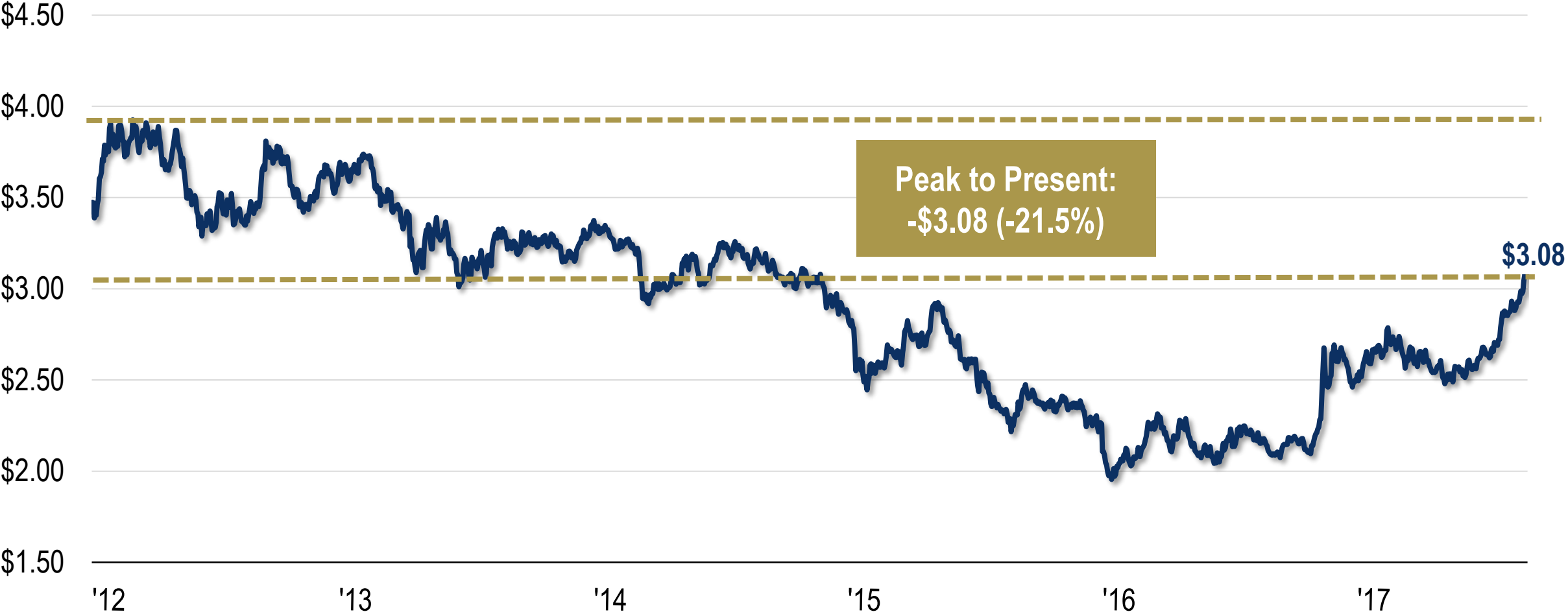


Source: London Bullion Market Association



# Price of Copper

## USD per Pound



Source: London Metal Exchange

# Price of Copper

## USD per Pound



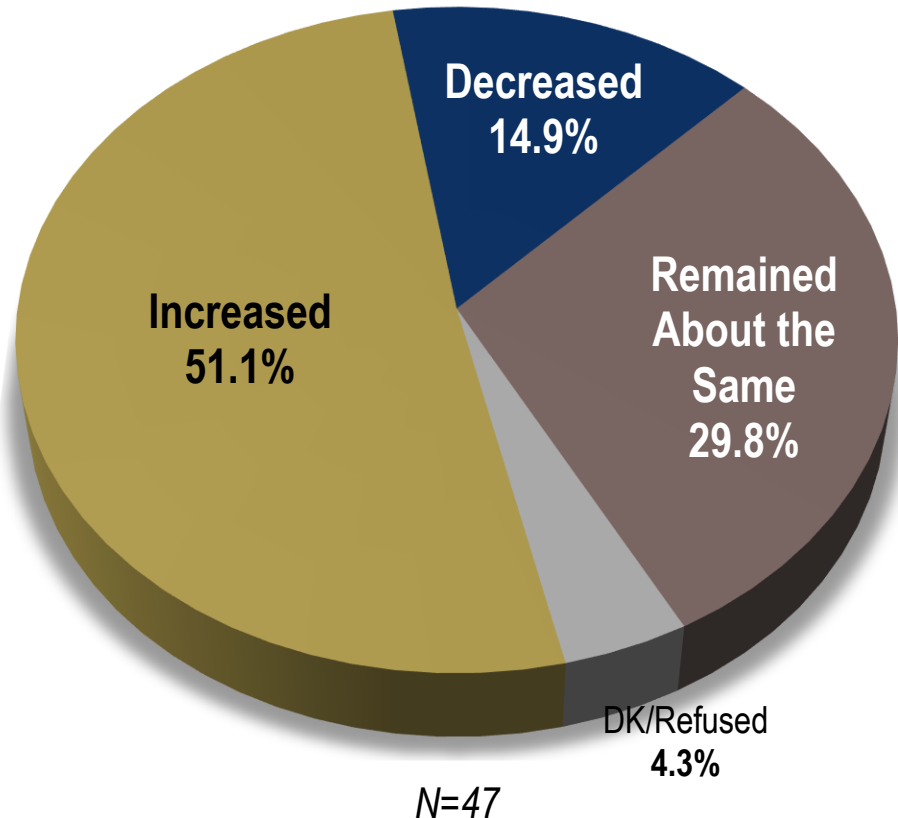
**Trough to Present:**  
**+\$1.13 (+57.6%)**

Source: London Metal Exchange

# Perception



*In the past 12 months, have your business revenues or sales increased, decreased or remained about the same?*



# Reality

Private Businesses  
Q1 2017

**79,981**

Total Wages  
Q1 2017 TTM Total

**\$153.4 B**  
Currently at Peak

Taxable Retail Sales  
June 2017 TTM Total

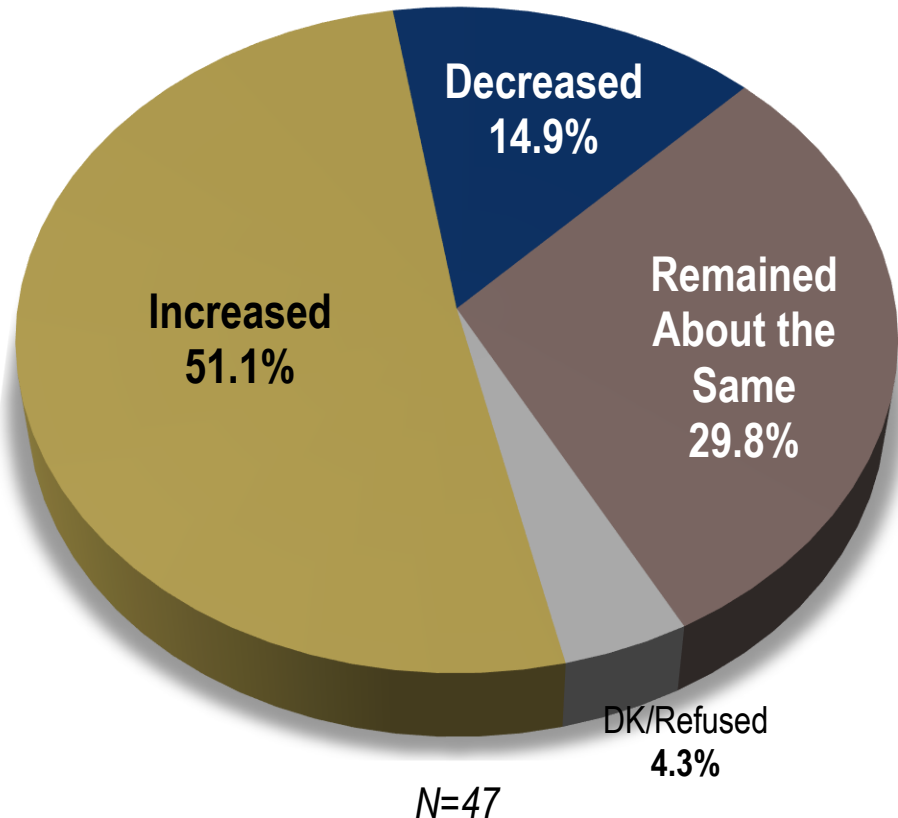
**\$56.6 B**  
Currently at Peak

Source: U.S. Bureau of Labor Statistics; Nevada Department of Taxation

# Perception



*In the past 12 months, have your business revenues or sales increased, decreased or remained about the same?*



# Reality

Private Businesses  **+0.03%**  
Q1 2016 vs. Q1 2017

Total Wages  **+8.3%**  
TTM: Q1 '16 vs. Q1 '17

Taxable Retail Sales  **+7.1%**  
TTM: June '16 vs. June '17

Source: U.S. Bureau of Labor Statistics; Nevada Department of Taxation



# Future Company Expectations

Business Revenues  
or Sales



68.1%



0.0%



29.8%



2.1%

Number of  
Employees



53.2%



0.0%



46.8%

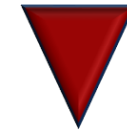


0.0%

Business's  
Profitability



51.1%



2.1%



40.4%



6.4%

# Perception

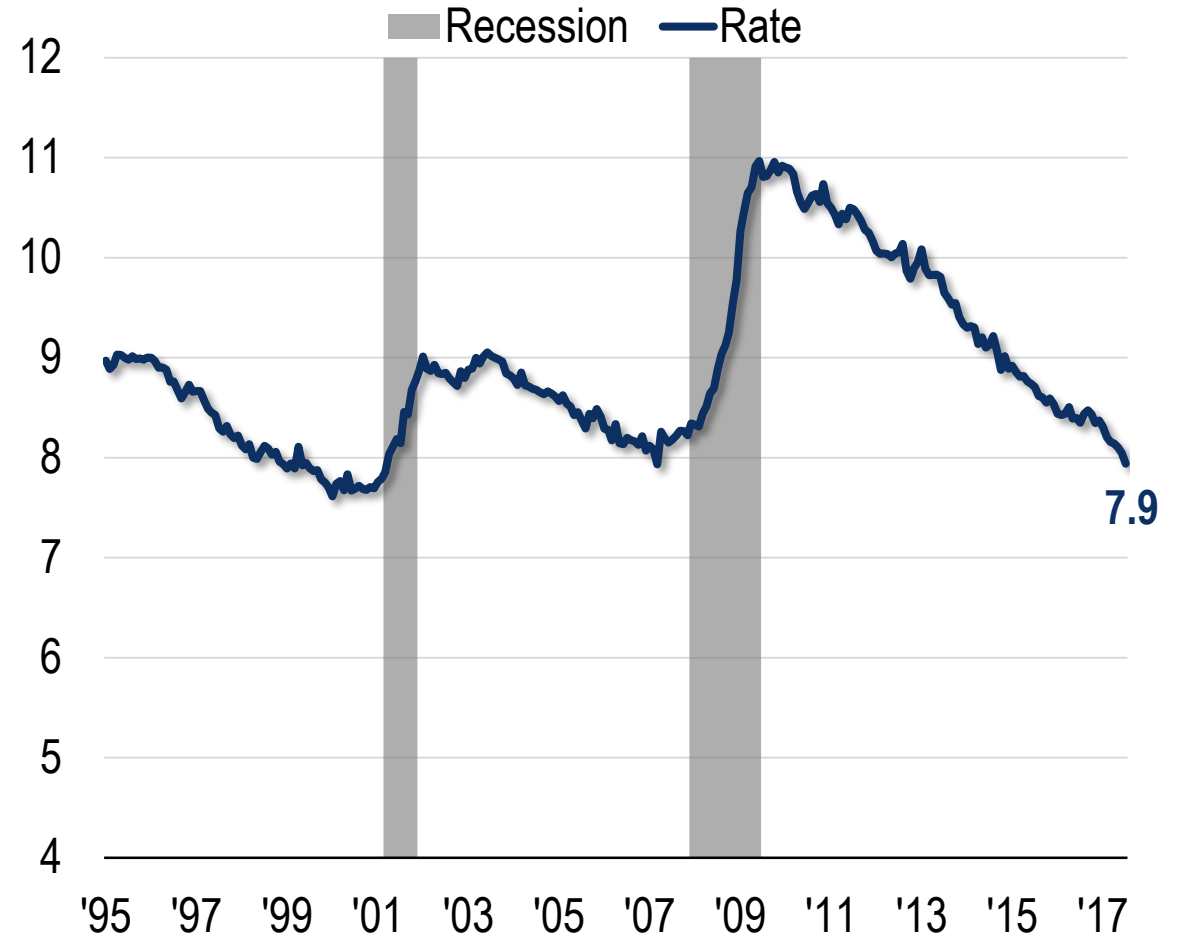


Which of the following challenges do you face as a business today? N=210

CHALLENGE	SHARE
Hiring/Retaining Quality Employees	14.8%
Healthcare/Obamacare	10.5%
Government/Legislation	10.5%
Costs of Running the Business	10.5%
Attracting/Retaining Customers/Competition	10.0%
Taxes	8.6%
Economic Uncertainty	7.1%
Expanding Business Operations/Product Lines	6.2%
Time Management	5.7%
Financial Stability/Cash Flow	4.8%
Cybersecurity	3.3%
Availability of Credit/Financing	3.3%
Managing Growth/Dealing with Unexpected Growth	2.4%
Changes in Technology	2.4%

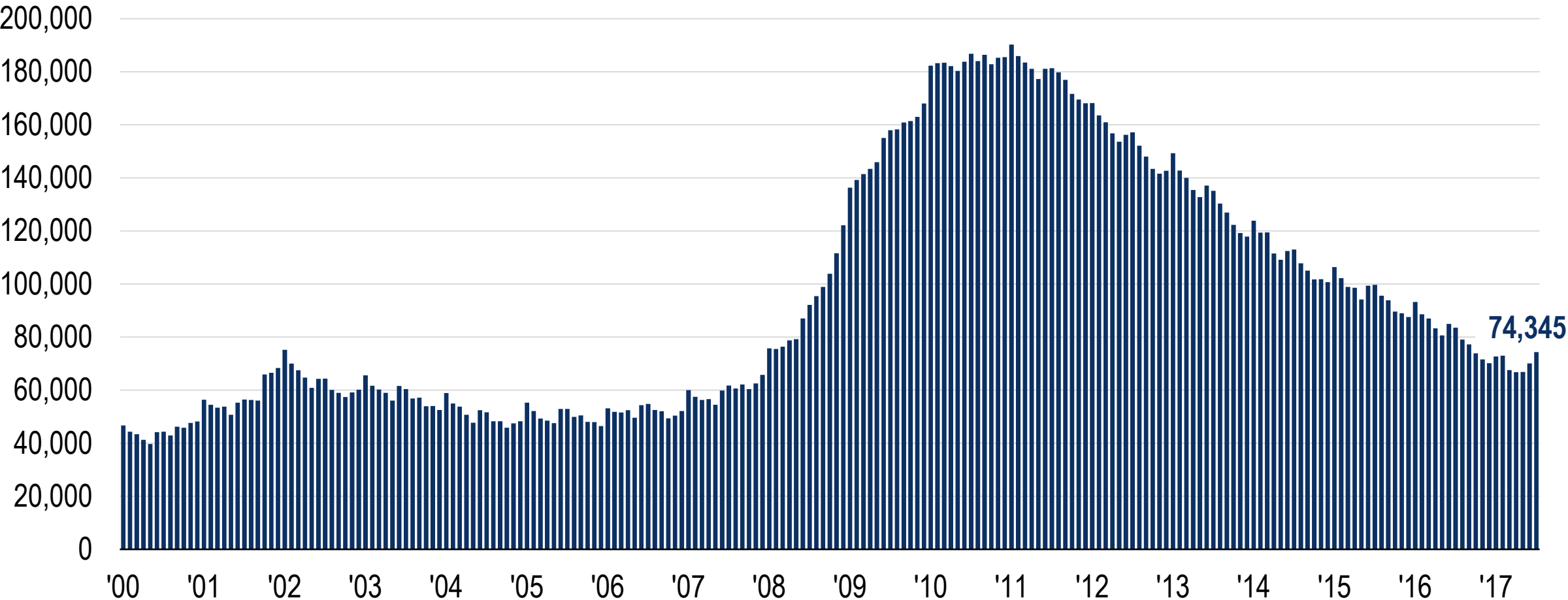
# Reality

## Non-Employment Index



Source: Federal Reserve Bank of St. Louis

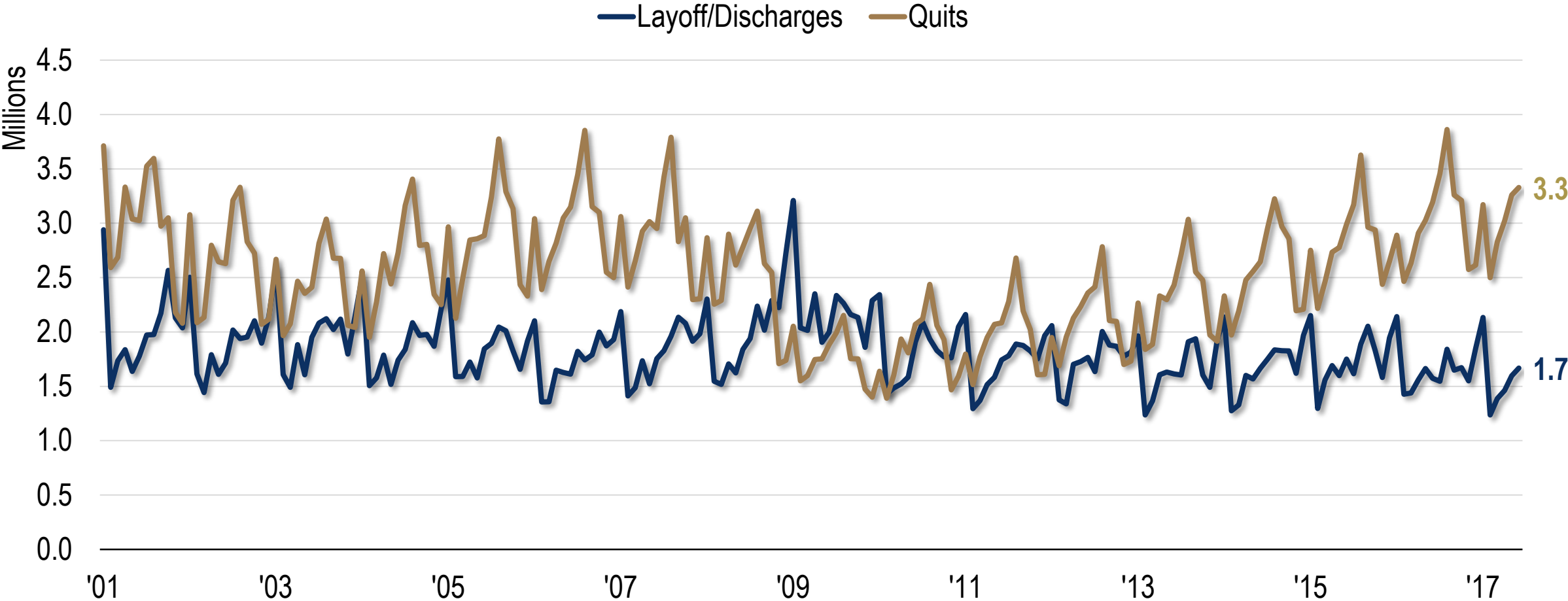
# Nevada's Unemployment



Source: U.S. Bureau of Labor Statistics

# United States Job Market

## Layoff/Discharges vs. Quits

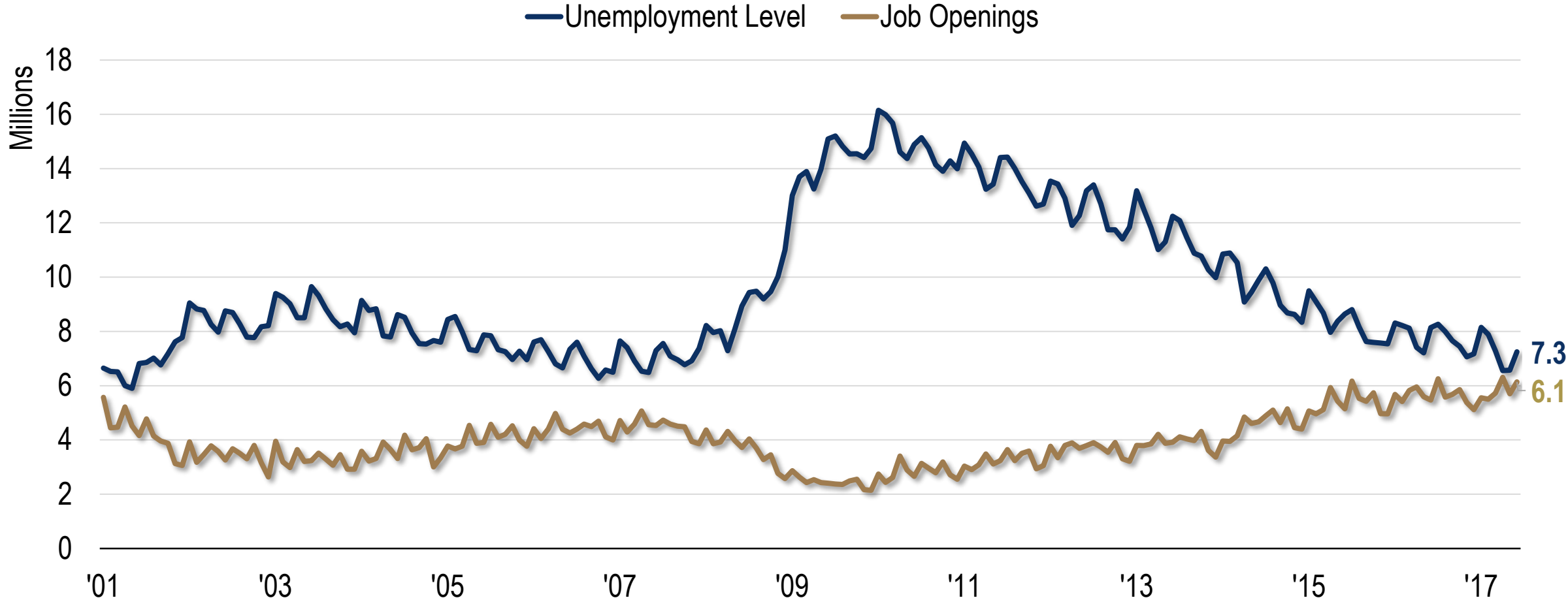


Source: U.S. Bureau of Labor Statistics



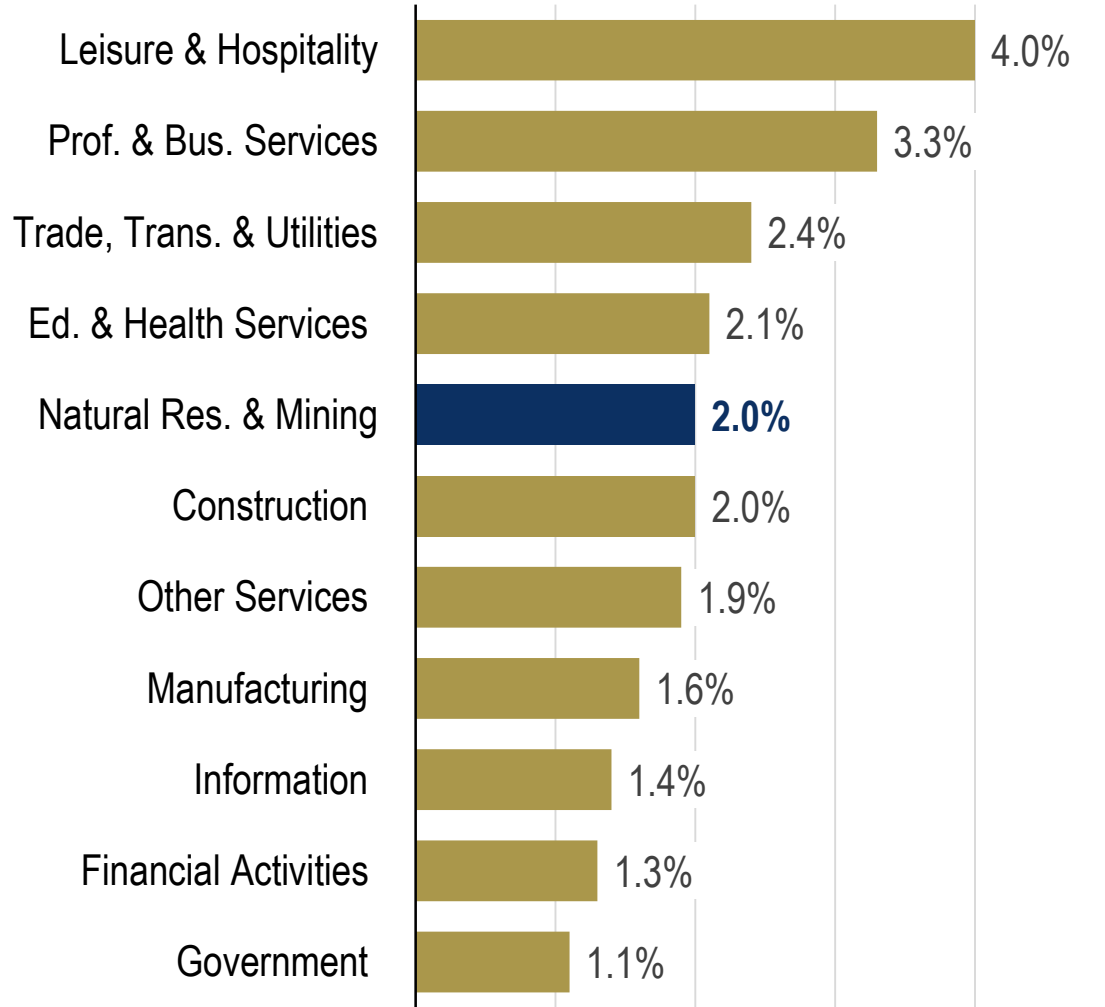
# United States Job Market

## Unemployment Level vs. Job Openings

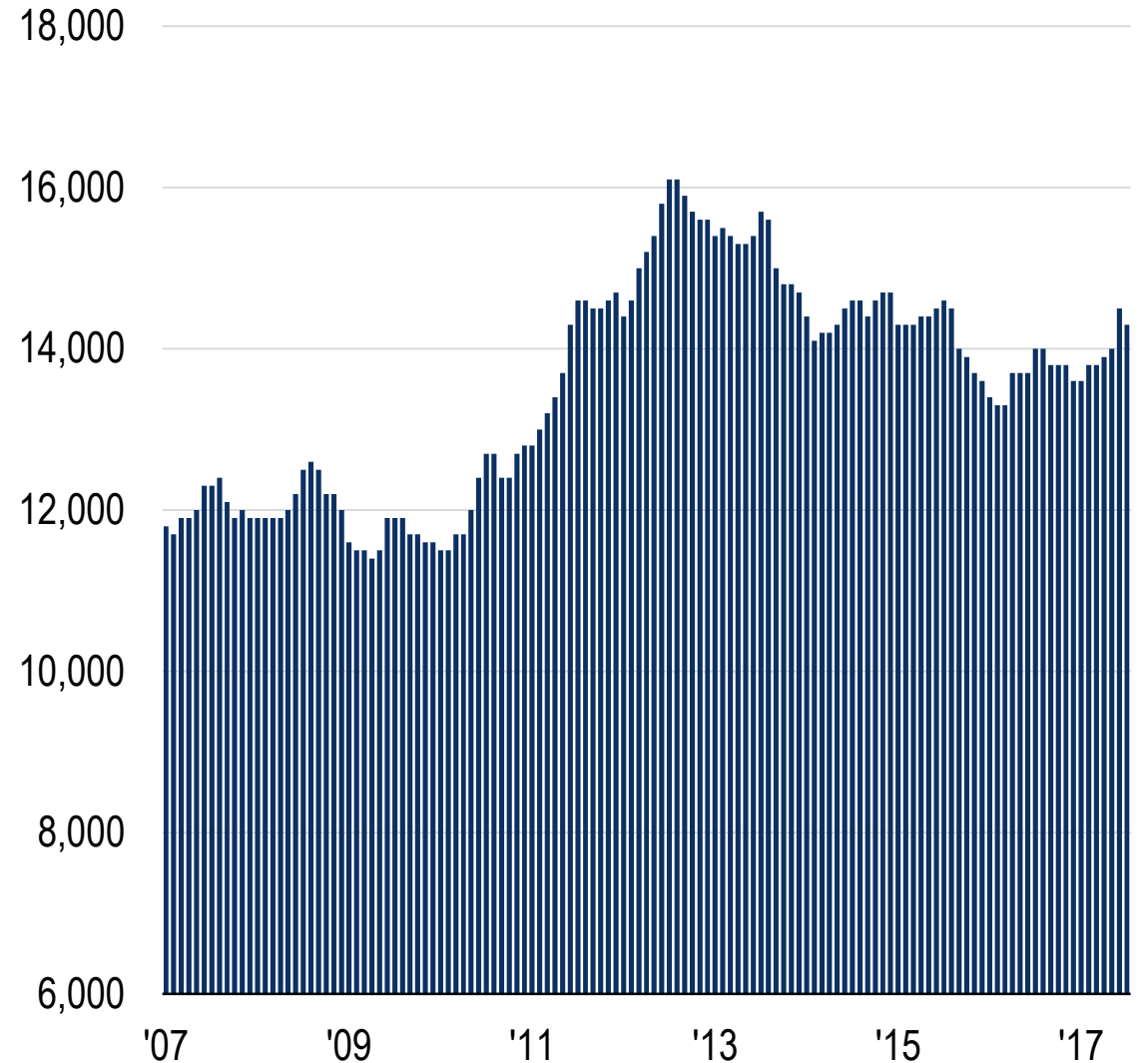


Source: U.S. Bureau of Labor Statistics

# U.S. Job Quit Rate by Sector

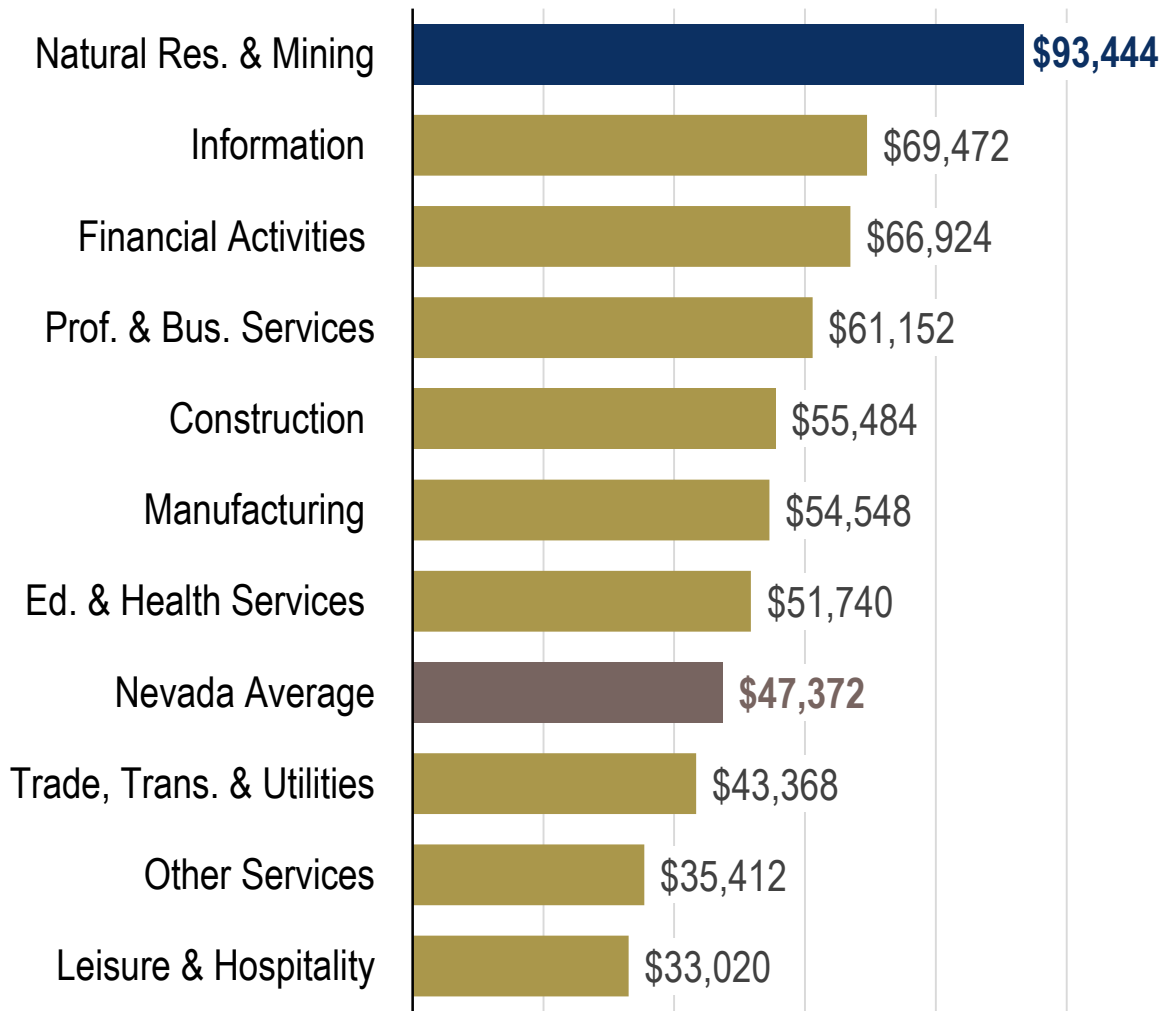


# Nevada Mining Employment

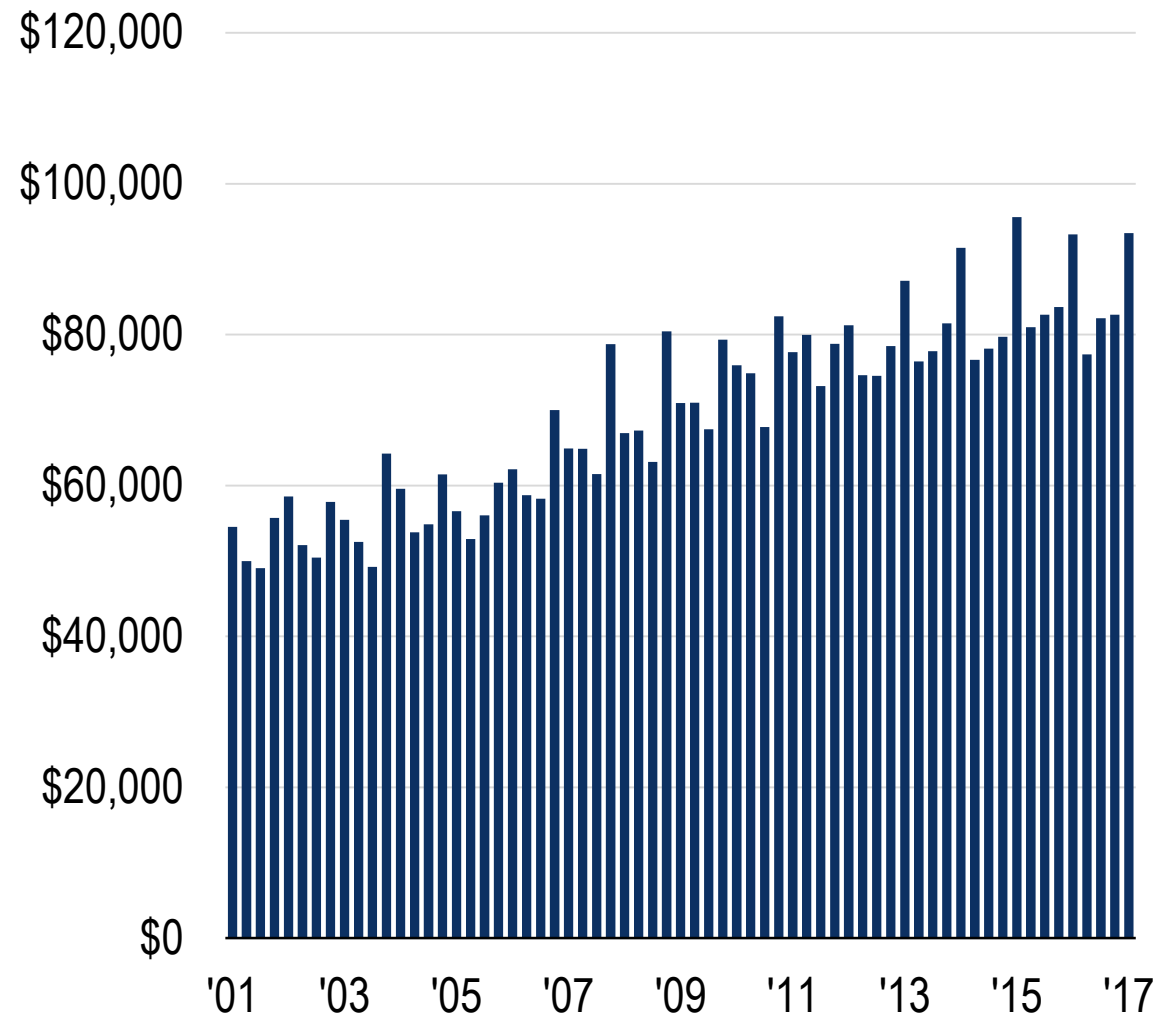


Source: U.S. Bureau of Labor Statistics

# NV Annual Wage by Sector

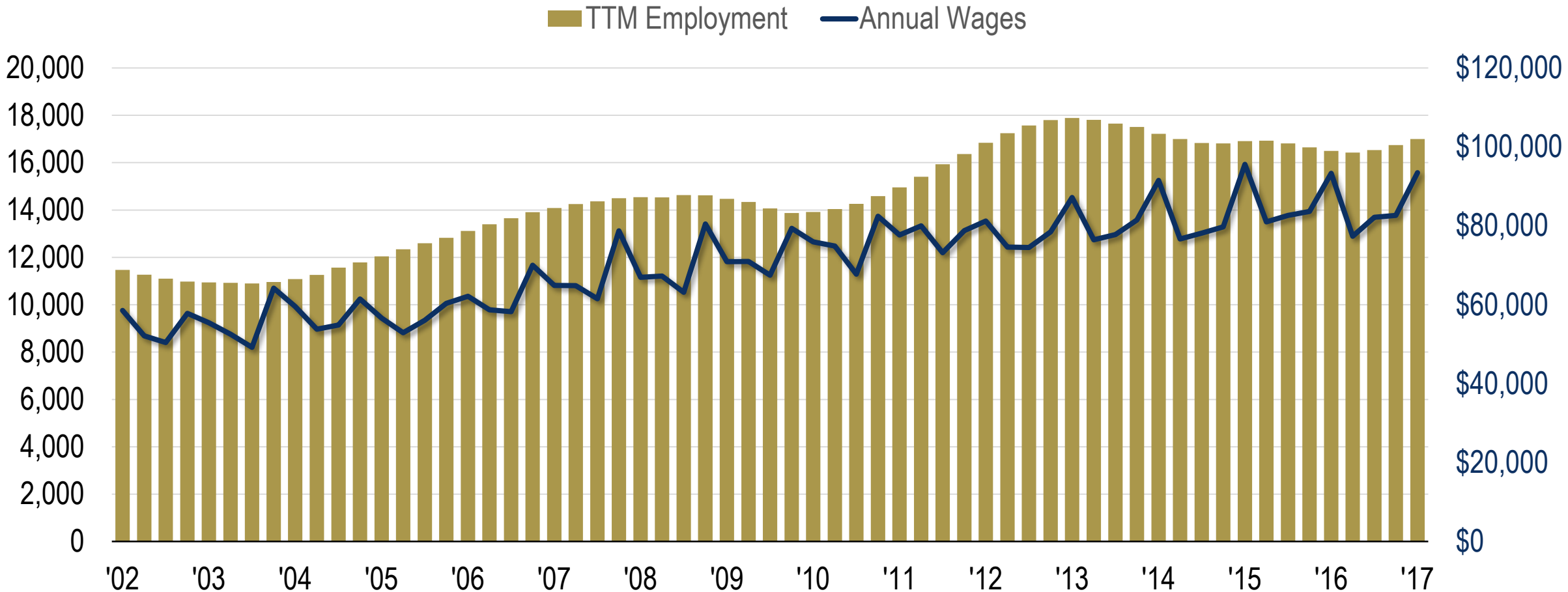


# NV Mining Annual Wage



Source: U.S. Bureau of Labor Statistics

# Nevada Mining Employment vs. Mining Wages



Source: U.S. Bureau of Labor Statistics

# Perception

Women Are Underrepresented  
in the Mining Industry



# Reality

Share of Females  
In Nevada

**49.9%**

Share of Female  
Employees in Nevada

**46.4%**

Share of Female  
Mining Employees

**13.0%**

Source: U.S. Census Bureau; NvMA 2016 Member Survey Regarding Women in the Company

# Perception

Women Are Underrepresented  
in the Mining Industry



# Reality

Percent of Female  
Workers in Field  
Operations

**58.6%**

Share of Managers  
that are Female

**11.2%**

Share of Board  
Members that  
are Female

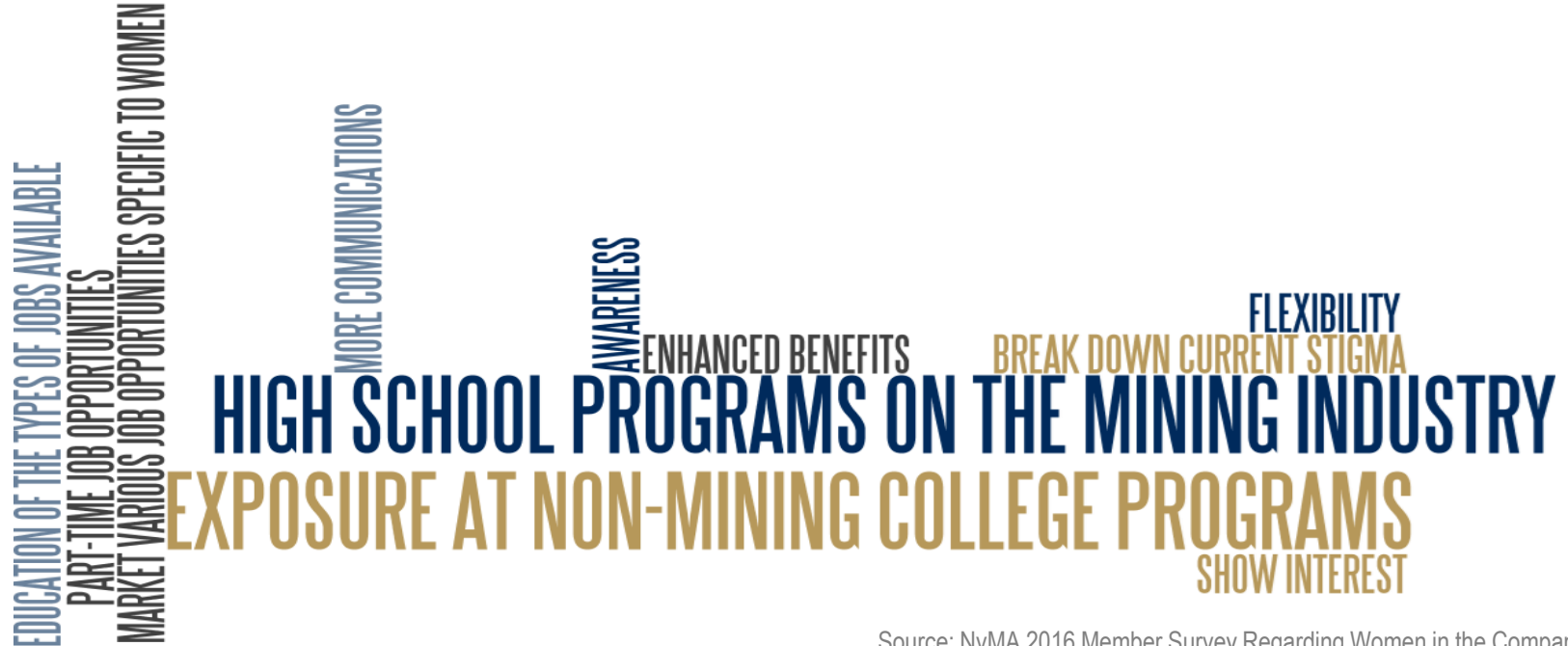
**14.9%**

Source: NvMA 2016 Member Survey Regarding Women in the Company

# Barriers that Women Face in the Mining Industry



# How to Attract More Women



Source: NvMA 2016 Member Survey Regarding Women in the Company

# Perception



*What is the single most important challenge you face as a business today?* N=47

CHALLENGE	SHARE
Government/Legislation	27.7%
Attracting/Retaining Customers/Competition	19.1%
Hiring/Retaining Quality Employees	12.8%
Economic Uncertainty	10.6%
Expanding Business Operations/Product Lines	8.5%
Availability of Credit/Financing	6.4%
Costs of Running the Business	4.3%
Taxes	4.3%
Managing Growth/Dealing with Unexpected Growth	4.3%
Time Management	2.1%

# Reality

## Government Regulation Impacts

- Lengthy Permit Processing
  - Avg. time for new mine in U.S. is 7-10 years
- Approval from local, county, state and federal governments are required to begin a new project
- Over three dozen federal environmental laws and regulations impact mining
  - National Environmental Policy Act (NEPA)
  - Clean Air Act
  - Federal Land Policy and Management Act
  - Clean Water Act and Safe Drinking Water Act
  - Endangered Species Act



## Commentary: Interior's new sage grouse protection efforts welcomed

Aug 23, 2017



Earlier this month Interior Secretary Ryan Zinke ordered the implementation of recommendations from a team that reviewed the previous administration's draconian land use restrictions under the guise of protecting greater sage grouse. The team — which included officials from Interior, Fish and Wildlife Service, Bureau of Land Management, U.S. Geological Survey, the U.S. Forest Service and representatives from the 11 affected states — called for lifting certain restrictions that impacted economic activity without actually affecting sage grouse populations.

Montana native Zinke's 55-page order echoed criticisms that were included in various lawsuits brought by several states, including Nevada. Zinke's order says the changes are not one-size-fits-all, the very words used by Nevada Attorney General Adam Laxalt a year ago about litigation he had filed to block the land use restrictions.

“Nevada’s lawsuit accused the various federal land agencies of violating the law and ignoring scientific evidence when it concocted a 341-page pronouncement in 2015 that 10 million acres of public land in 16 Western states — nearly a third of that in Nevada — would be taken out of consideration for future mining claims.”

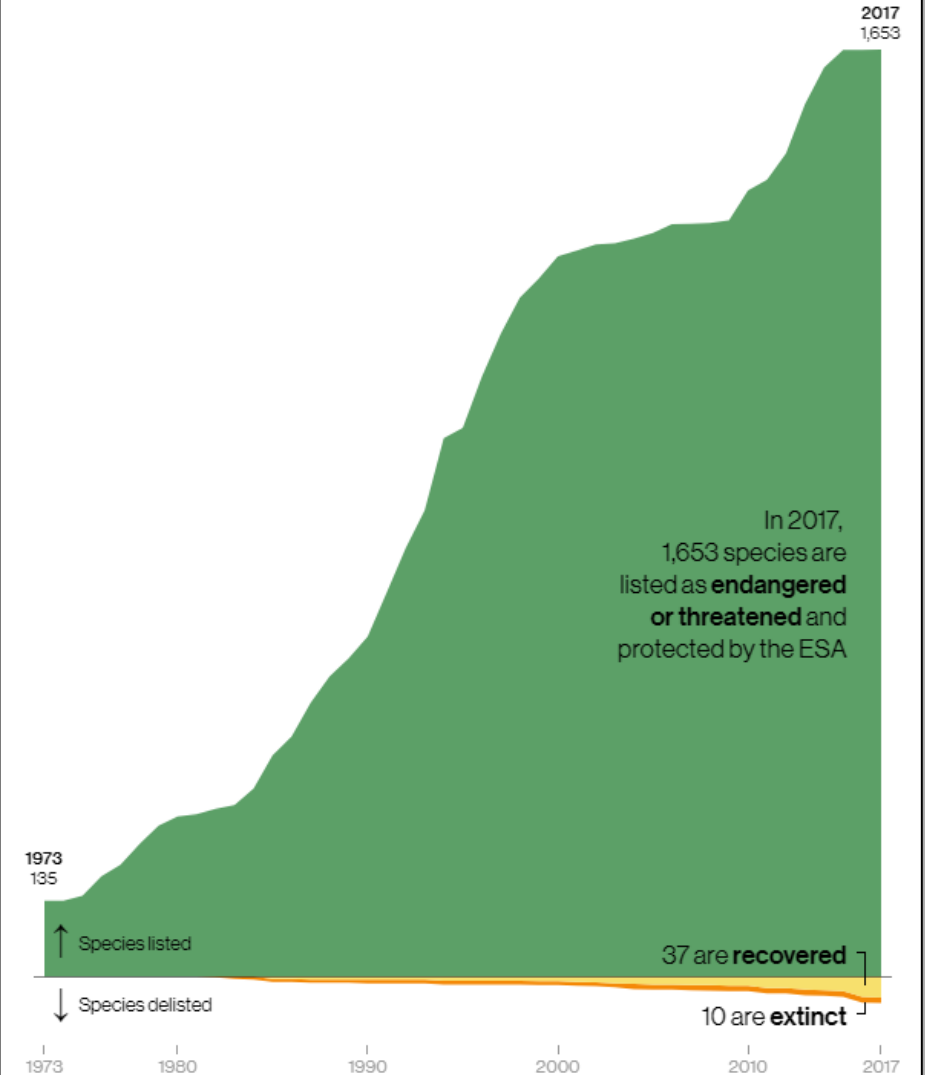
*-- Elko Daily Free Press, 8/23/17*

“One of the proposals to change the ESA, introduced in April 2017 by Senator Dean Heller, a Nevada Republican, would require any decision to protect a species to ‘be made only with the consent of the Governor of each state in which the endangered or threatened species is present’.”

-- *National Geographic, 5/19/17*

Critics say the ESA is ineffective because so many species remain on the list, but supporters say that is exactly what illustrates its enormous success

SPECIES LISTED AND DELISTED FROM THE ENDANGERED SPECIES ACT, 1973-2017



NOTE: Nineteen species were listed in error and are not shown. SOURCE: U.S. FISH AND WILDLIFE



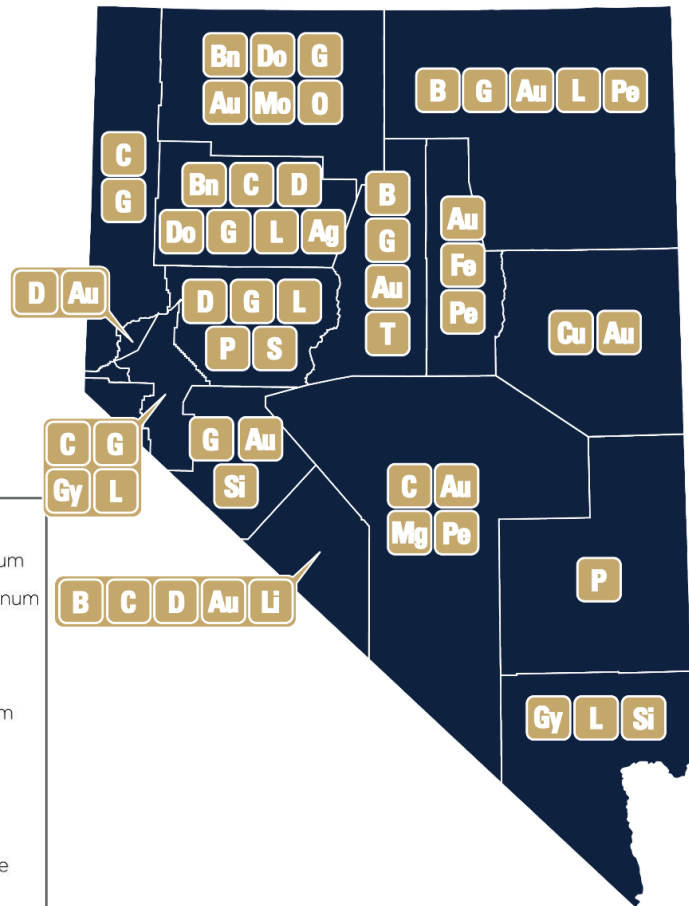
# Risks and/or Challenges Facing the Mining Industry

MINING RISK/CHALLENGE	PRIOR	CURRENT	FUTURE
	PERSPECTIVE	MEAN RISK	PERSPECTIVE
Access to Qualified Workforce	High Risk	3.82	High Risk
Change in U.S. Government/Regulatory Policies on the Industry	Low Risk	3.68	Low Risk
Change in Nevada Government/Regulatory Policies on the Industry	High Risk	3.47	Low Risk
Monetary Policies (Impact on Inflation/Gold Prices)	Low Risk	3.46	Low Risk
Change in Fiscal (Tax) Policies	High Risk	3.23	Low Risk
Employment and Workplace Safety (from Injury)	Low Risk	3.23	Low Risk
Protecting the Environment (Sustainability)	Low Risk	3.09	Low Risk
Access to Capital and/or Financing for Operations	High Risk	3.05	Low Risk
Cost of Equipment and/or Capital Purchases	High Risk	3.00	High Risk
Change in Other Nations Government/Regulatory Policies on the Industry	High Risk	2.90	High Risk
Climate Change Impact on Energy Usage/Demand	Low Risk	2.67	Low Risk
Employee Diversity	Low Risk	2.26	Low Risk
Workplace Security (Limiting Access from Outsiders)	Low Risk	2.20	Low Risk



# Perception

Nevada's Mining Industry is an Isolated Sector Affecting Only Rural Communities



# Reality

Direct Mining Employment in NV **10,800**

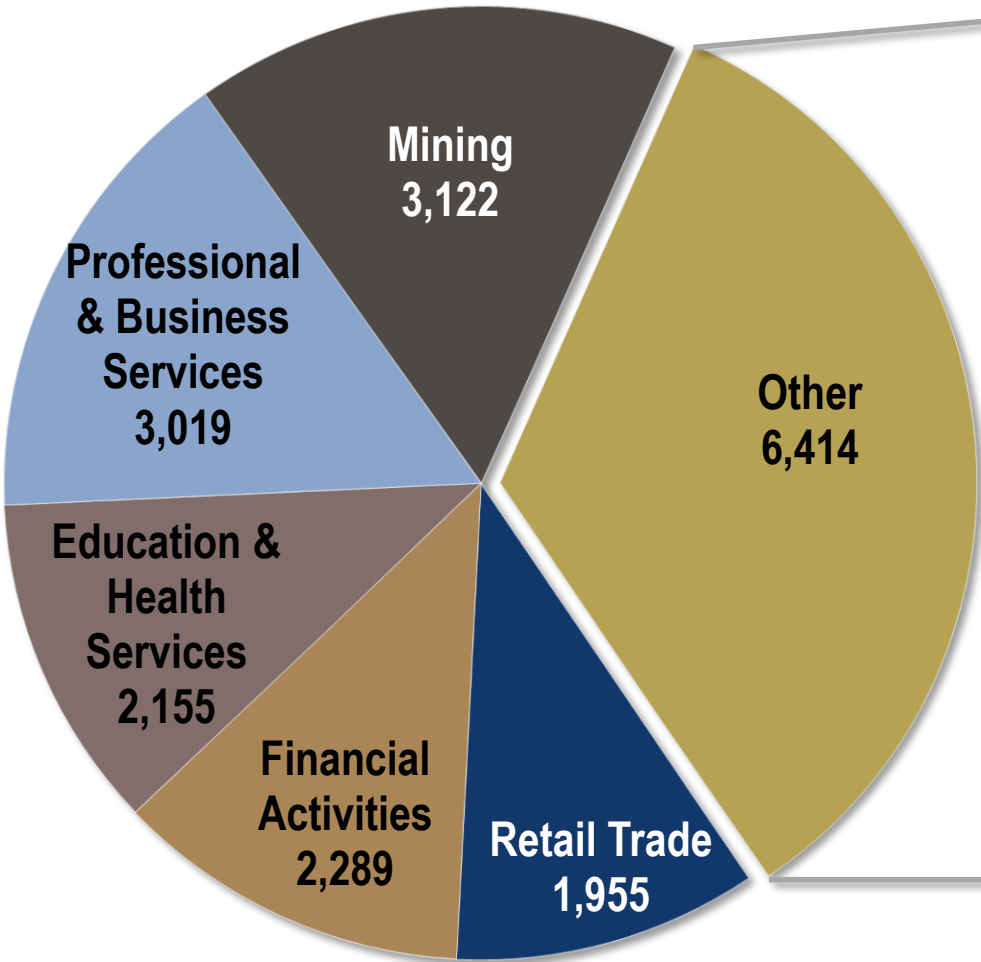
Indirect Mining Employment in NV **8,502**

Induced Mining Employment in NV **10,451**

Source: United States Bureau of Labor Statistics; IMPLAN; Applied Analysis

# Nevada Employment by Sector

## Indirect and Induced Job-Years



OTHER INDUSTRIES	
Leisure and Hospitality	1,842
Wholesale Trade	1,252
Other Services	1,064
Transportation and Warehousing	810
Construction	647
Information	220
Manufacturing	202
Government	187
Utilities	101
Agriculture	91

Source: United States Bureau of Labor Statistics; IMPLAN; Applied Analysis

I'M  
MINING  
IN NEVADA



Reno-Tahoe  
International  
Airport



**MINE** 2016  
**EXPO**  
INTERNATIONAL®

September 26-28 • Las Vegas, Nevada • USA  
www.minexpo.com

### Nevada Mining Documentary Video Series



Nevada Mining : From Pickaxe to GPS



Nevada Mining : Our Wealth of Minerals

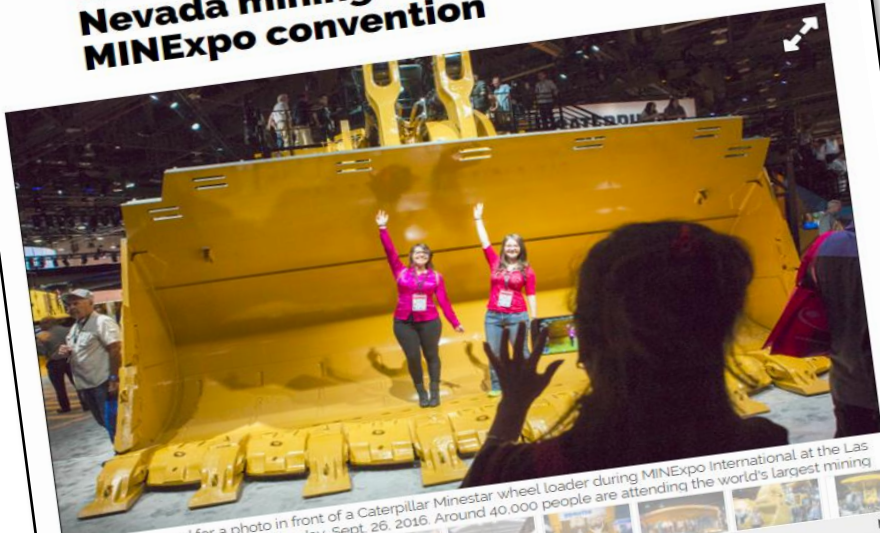


Nevada Mining : Modern Prospecting



Nevada Mining : Dollars Sense and the Bottom Line

Business >>  
**Nevada mining in the spotlight at  
MINExpo convention**



Two women stand for a photo in front of a Caterpillar Minestar wheel loader during MINExpo International at the Las Vegas Convention Center on Monday, Sept. 26, 2016. Around 40,000 people are attending the world's largest mining

By ALEXANDER S. COREY LAS VEGAS REVIEW-JOURNAL  
September 27, 2016 - 11:10 am

Can you dig Diatomaceous earth?

The international mining industry is well aware of the Silver State's standing as a producer of precious minerals.

But the Nevada industry is getting a bigger spotlight this week in Southern Nevada — as is the little-known Diatomaceous earth.

About 40,000 people from more than 130 countries are expected to attend MINExpo at the Las Vegas Convention Center. The event began Sunday and runs through Wednesday, with more than 1,900 exhibitors from 37 countries staking claim to over 840,000 square feet of exhibit space.

“Nevada industry is getting a bigger spotlight this week in Southern Nevada — as is the little-known Diatomaceous earth. About 40,000 people from more than 130 countries are expected to attend MINExpo at the Las Vegas Convention Center.”

-- *Las Vegas Review-Journal, 9/27/16*

## A step forward for tech: Barrick opens IT hub in Henderson



MIKAYLA WHITMORE

Barrick Gold board member Brian Greenspun, from left, Nevada Sen. Michael Roberson, Chairman of the Board John Thornton, Gov. Brian Sandoval, President Kelvin Dushnisky and Sen. Aaron Ford participate in the ribbon-cutting ceremony for Barrick's global IT operations center in Henderson on Friday. Greenspun is CEO, publisher and editor of Greenspun Media Group.

By Daniel Rothberg (contact)  
Friday, Sept. 25, 2015 | 6:15 p.m.

Nevada's mining deposits attracted Barrick Gold Corp. to the state years ago.

Barrick Gold Ribbon Cutting

“Nevada's mining deposits attracted Barrick Gold Corp. to the state years ago. But a modern resource — technology — made Southern Nevada stand out to the company as it searched for a home for its global IT operations and corporate affairs hub.”

-- Las Vegas Sun, 9/25/16



# Perception

## Mining Does Not Pay Its Fair Share in Nevada

Is mining paying its fair share in  
the state of Nevada?

By Mark Robison, March 16, 2013

Tweet G+ in Share PinIt



Barrick Gold's Ruby Hill mine is in Eureka County. Gold is selling for about \$1,600 per ounce. (Photo provided by Deon Reynolds)

**The claim is often made** that Nevada's mining industry isn't paying enough in taxes.

Toward that end, a bill before the Legislature called [Senate Joint Resolution 15](#) is up for debate again. It would remove from the state's constitution a provision creating a separate tax on mining.

# Reality

# 1.1%

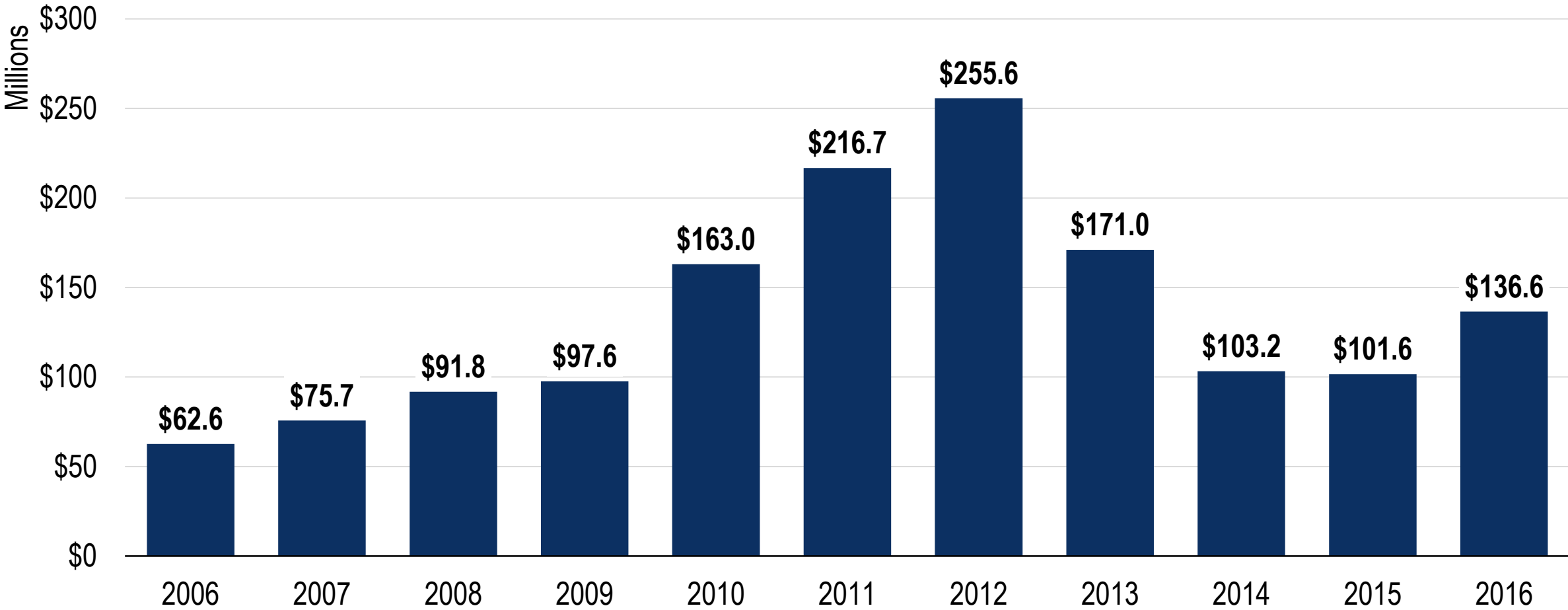
Mining and Logging  
Share of Employment in Nevada

# 4.2%

Taxes Generated for the State  
General Fund

Source: U.S. Bureau of Labor Statistics

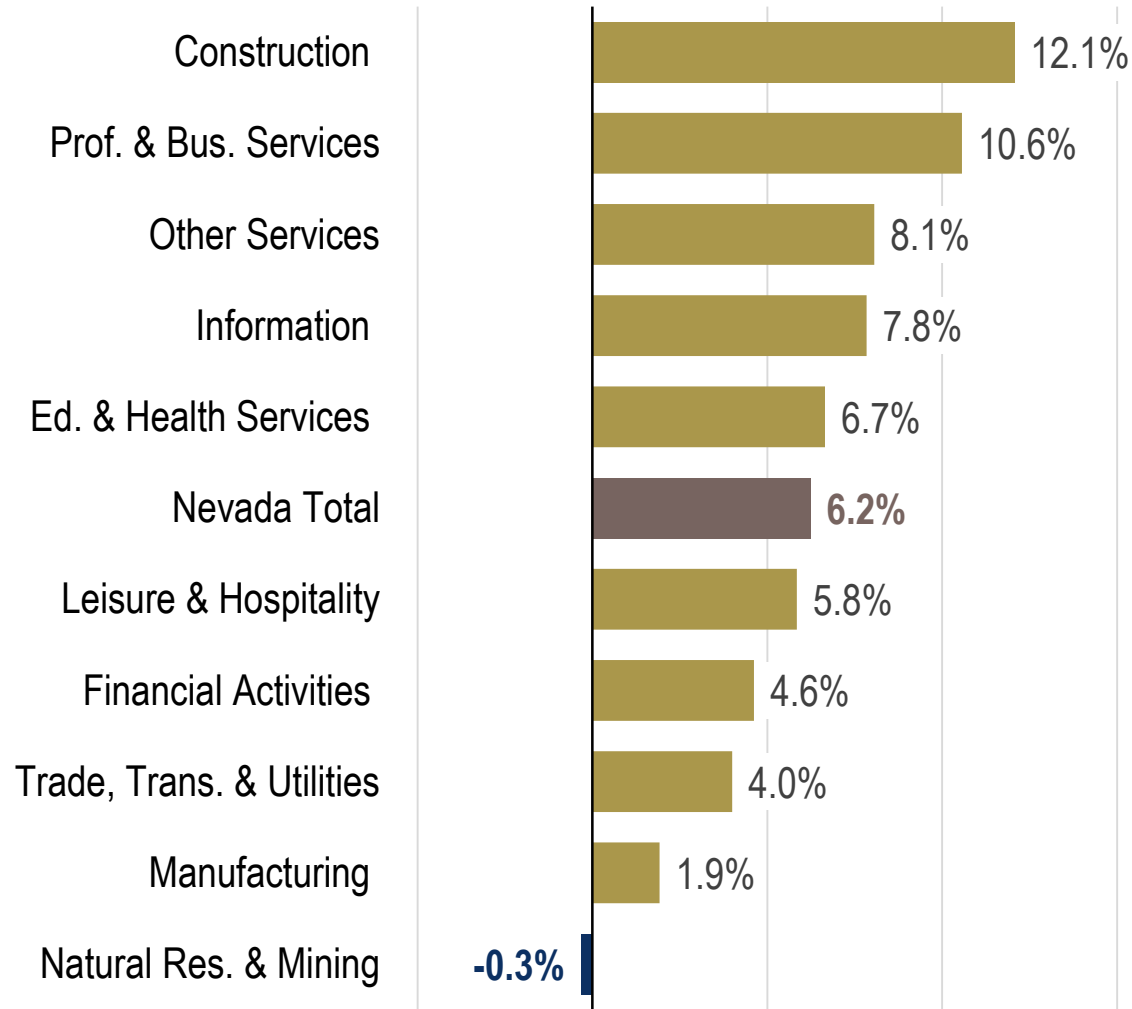
# Net Proceeds of Minerals and Royalties Paid by Nevada Mining Industry



Source: Nevada Department of Taxation

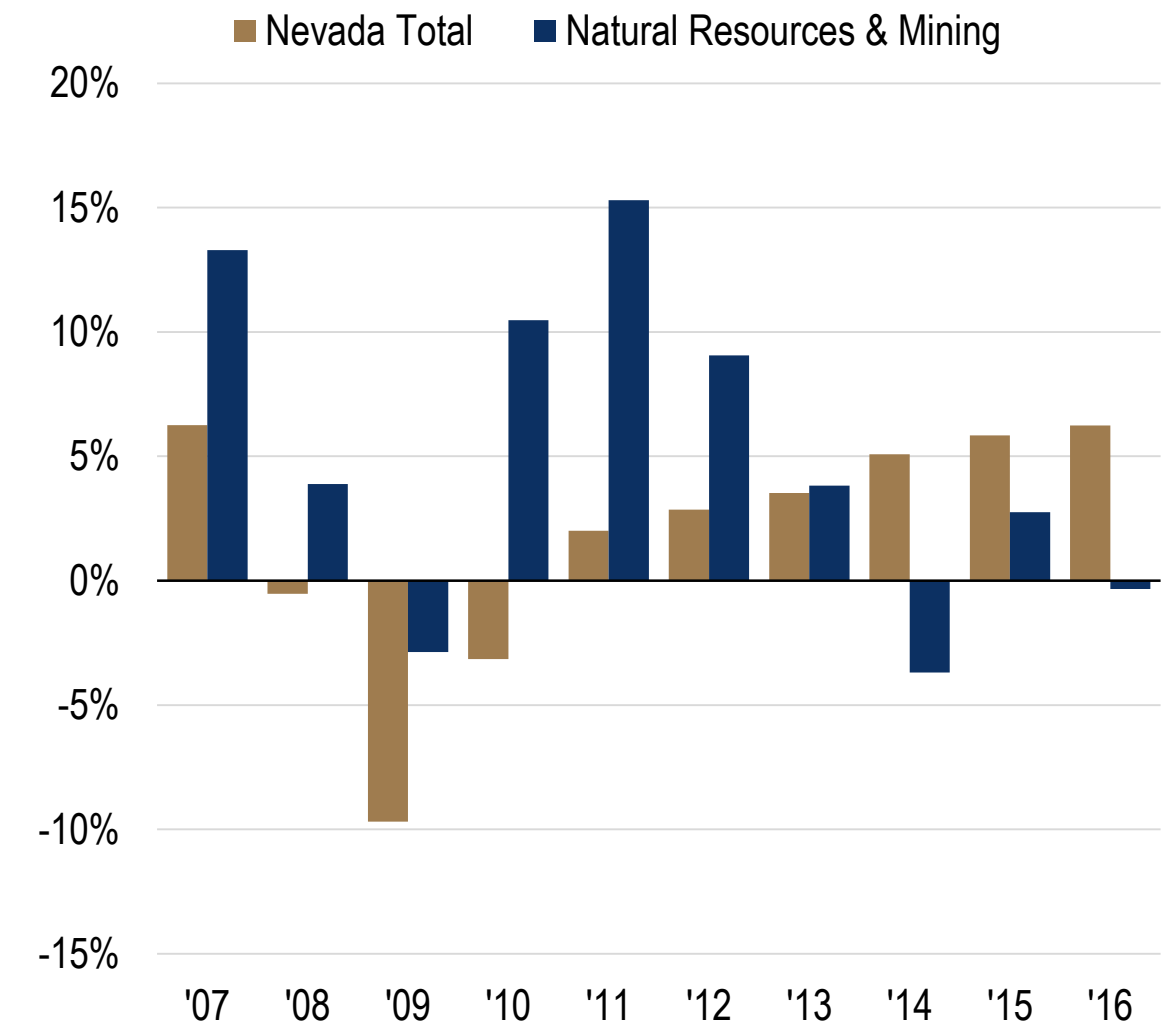
# Salary & Wages by Sector

## Annual Growth



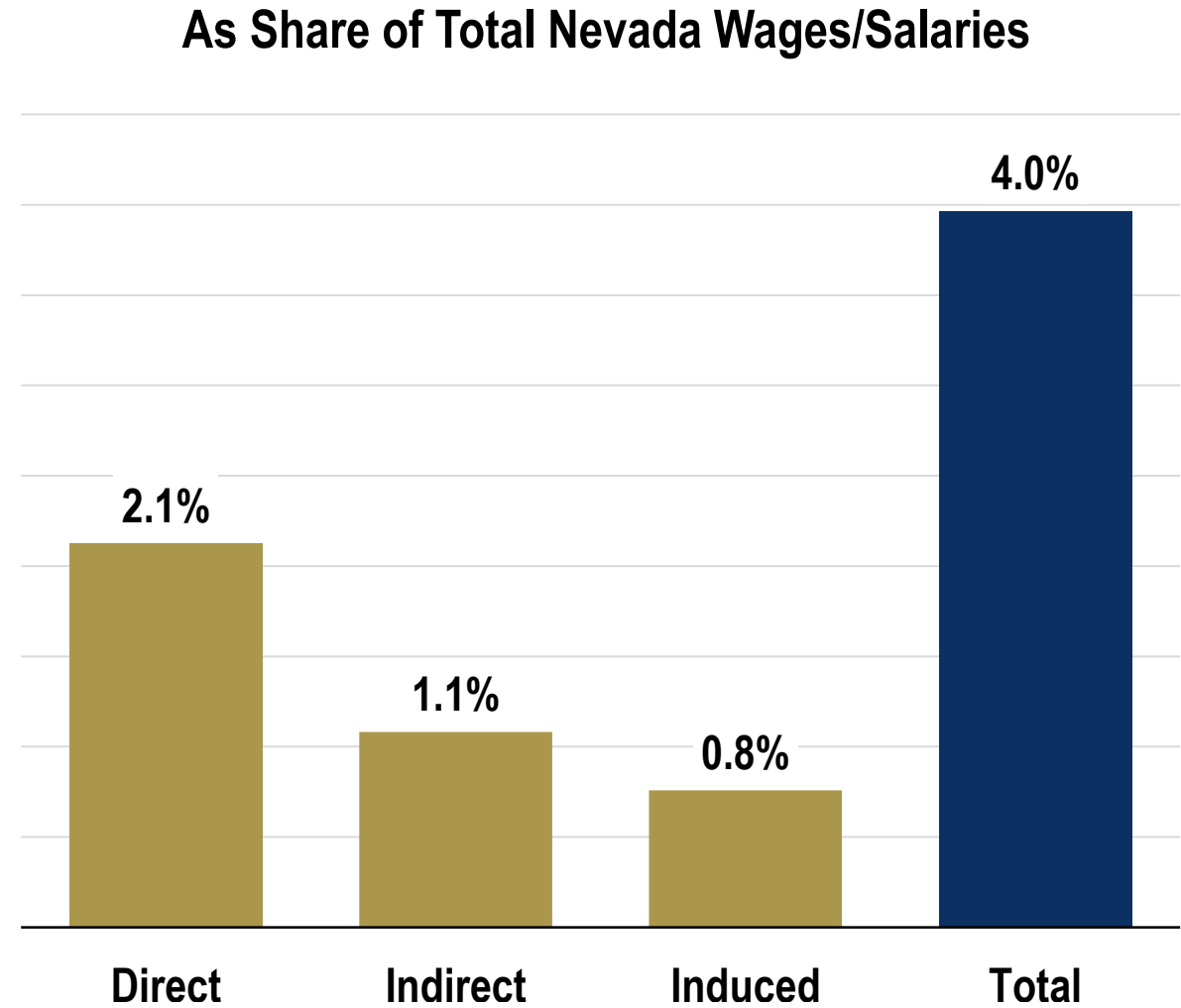
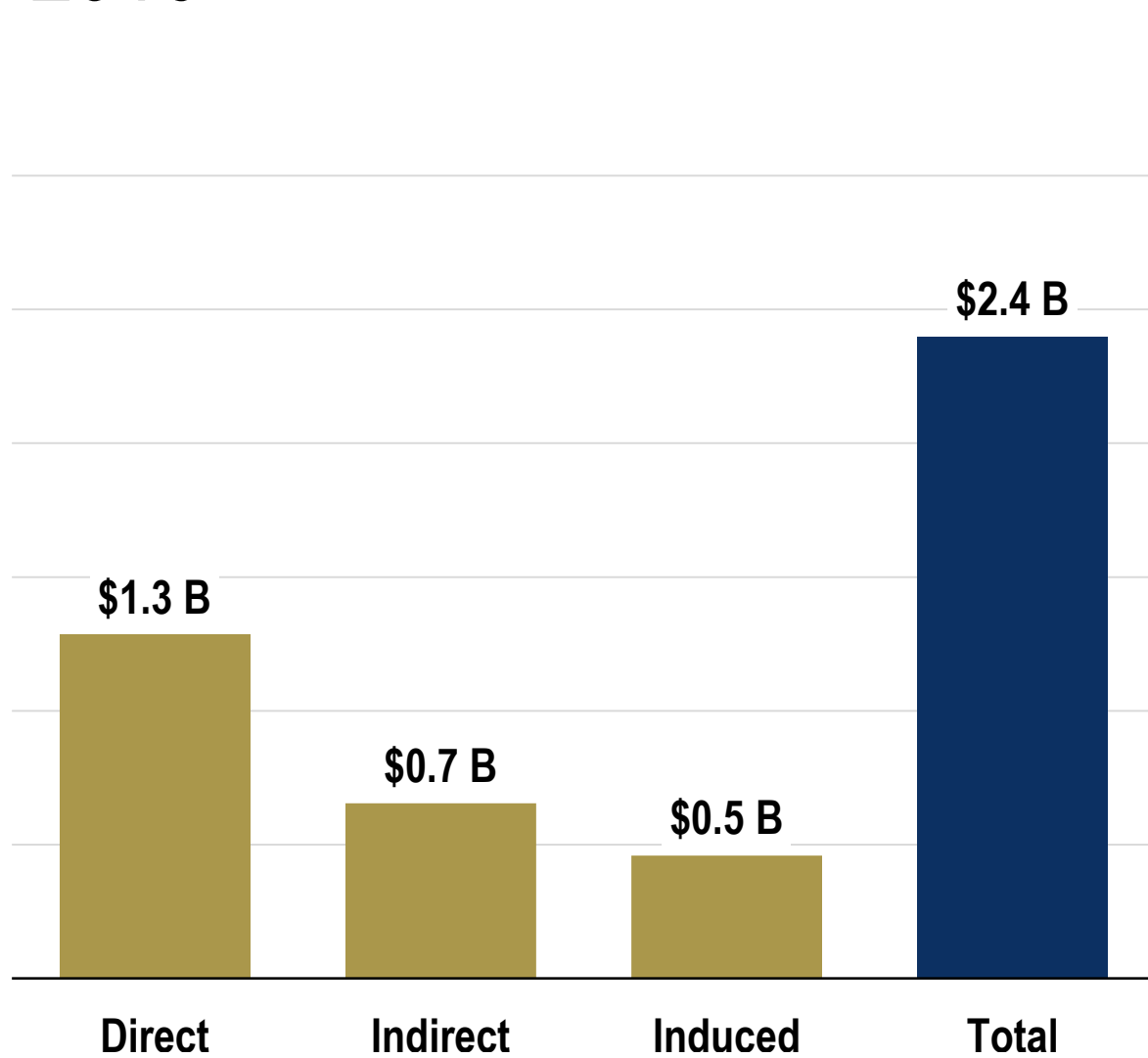
# Total vs. Mining Salary & Wages

## Annual Growth



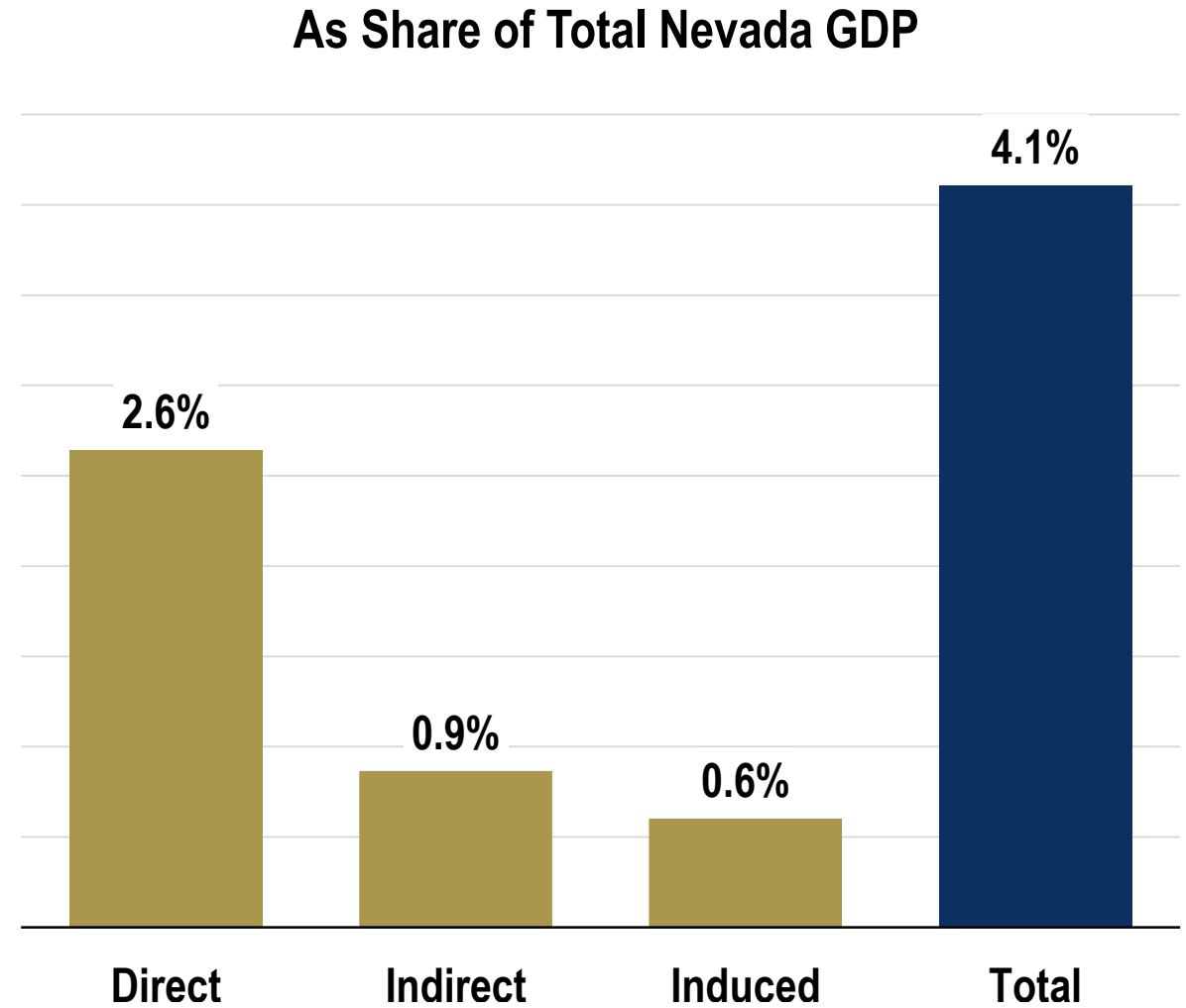
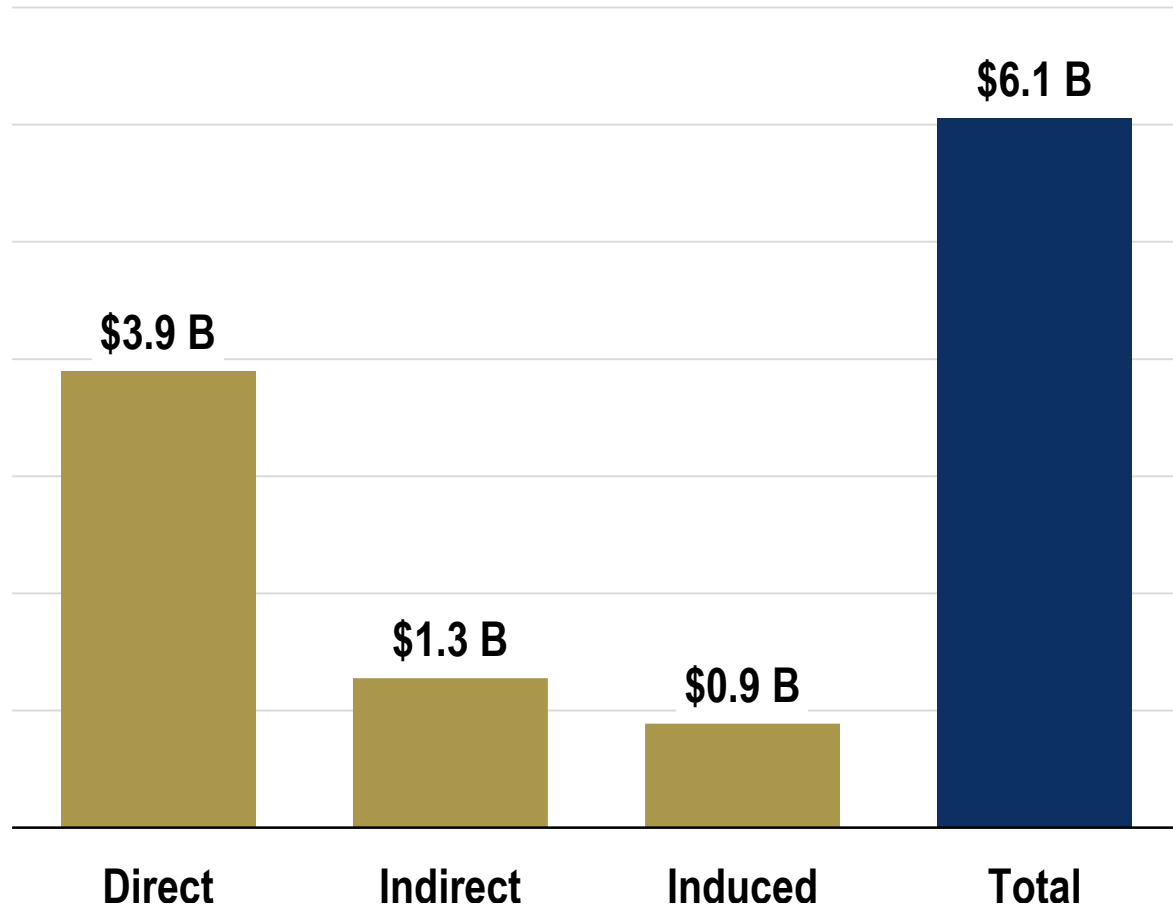
Source: U.S. Bureau of Labor Statistics

# Wage/Salary Impacts for Nevada Mining Industry Operations 2016



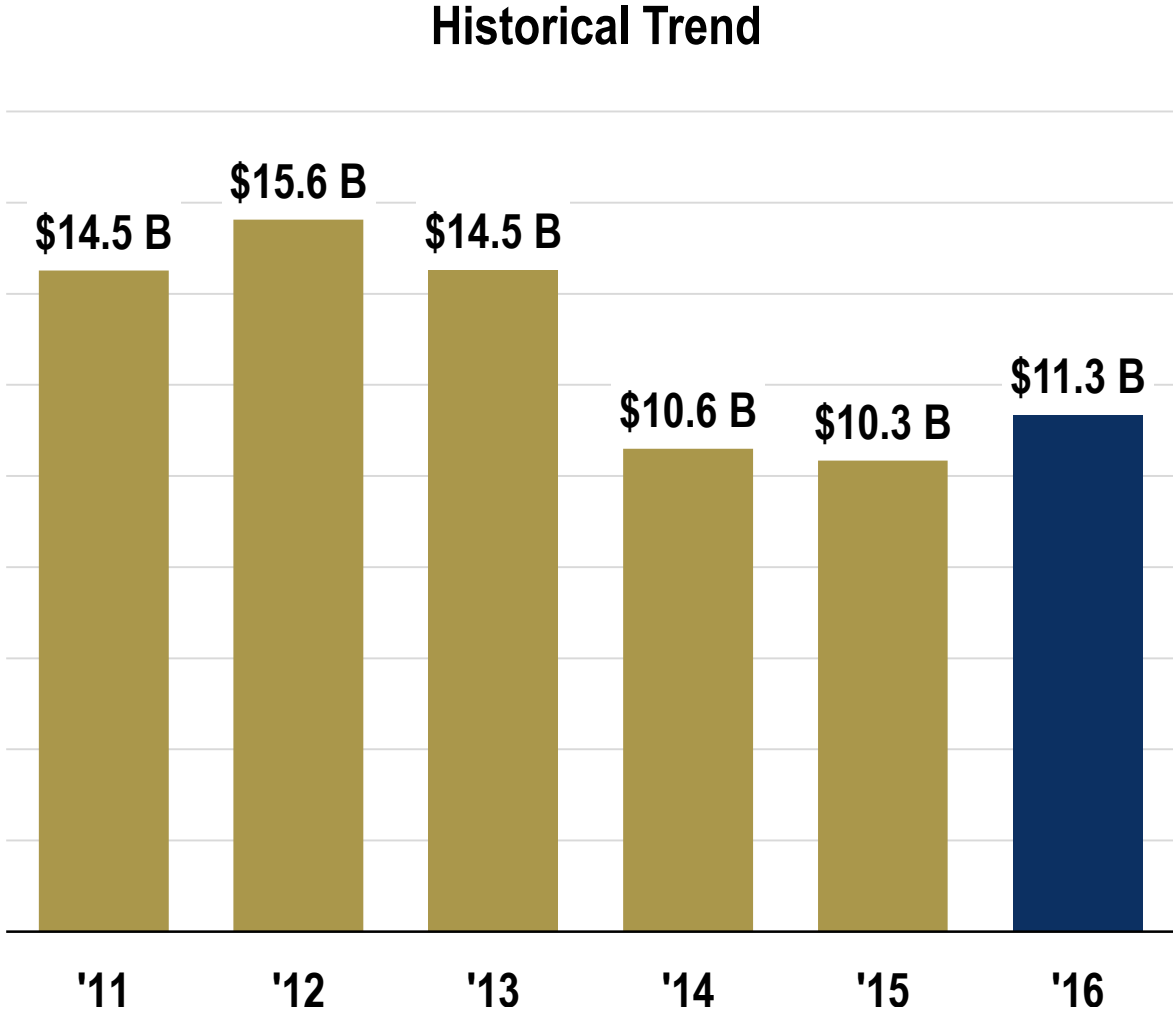
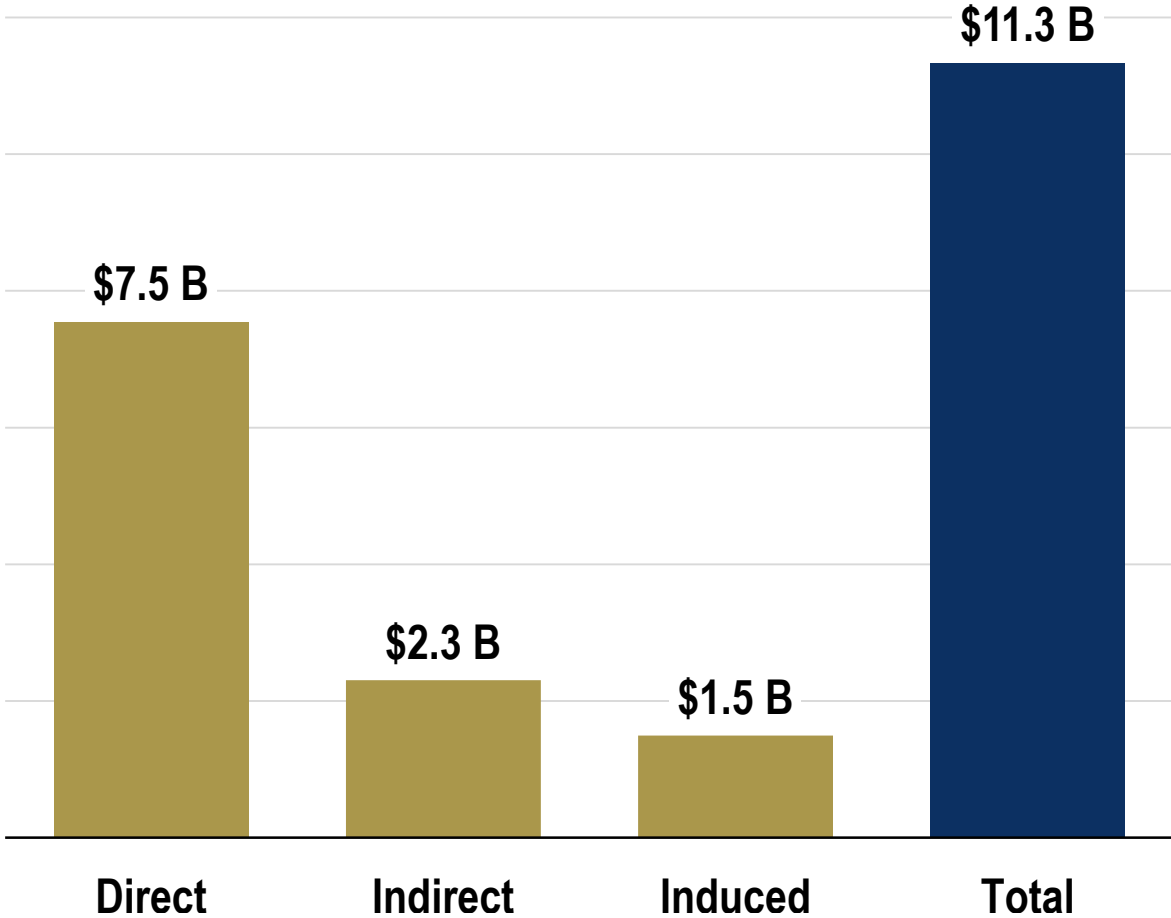
Source: U.S. Bureau of Labor Statistics; Nevada Department of Taxation; IMPLAN; Applied Analysis

# Value-Added Impacts for Nevada Mining Industry Operations 2016



Source: U.S. Bureau of Labor Statistics; Nevada Department of Taxation; IMPLAN; Applied Analysis

# Economic Output for Nevada Mining Industry Operations 2016



Source: U.S. Bureau of Labor Statistics; Nevada Department of Taxation; IMPLAN; Applied Analysis

# Perception

## Mining Benefits From Loopholes in Nevada's Tax Law

### ARTICLE. 10. - Taxation.

Section 1. **Uniform and equal rate of assessment and taxation; valuation of property; exceptions and exemptions; inheritance and personal income taxes prohibited.** [Effective through November 26, 2018, and after that date unless the provisions of Senate Joint Resolution No. 13 (2015) are agreed to and passed by the 2017 Legislature and approved and ratified by the voters at the 2018 General Election.]

1. The Legislature shall provide by law for a uniform and equal rate of assessment and taxation, and shall prescribe such regulations as shall secure a just valuation for taxation of all property, real, personal and possessory, **except mines and mining claims, which shall be assessed and taxed only as provided in Section 5 of this Article.**

### Sec. 5. **Tax on proceeds of minerals; appropriation to counties; apportionment; assessment and taxation of mines.**

1. The legislature shall provide by law for a tax upon the net proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this state, at a rate not to exceed 5 percent of the net proceeds. No other tax may be imposed upon a mineral or its proceeds until the identity of the proceeds as such is lost.

2. The legislature shall appropriate to each county that sum which would be produced by levying a tax upon the entire amount of the net proceeds taxed in each taxing district in the county at the rate levied in that district upon the assessed valuation of real property. The total amount so appropriated to each county must be apportioned among the respective governmental units and districts within it, including the county itself and the school district, in the same proportion as they share in the total taxes collected on property according to value.

3. Each patented mine or mining claim must be assessed and taxed as other real property is assessed and taxed, except that no value may be attributed to any mineral known or believed to underlie it, and no value may be attributed to the surface of a mine or claim if one hundred dollars' worth of labor has been actually performed on the mine or claim during the year preceding the assessment.

# Reality

Mines Pay Every Tax That Other  
Businesses Pay

Pays a Higher Business Tax Rate on  
Payroll (2.0%)

Pays a Higher Effective Property Tax  
Rate on Minerals (Which Are Property)

# Perception

Mining Industry Takes Gold From Nevada  
and Gives Nothing Back



“Au, give me back my gold!”

# Reality

- Barrick Gold is partnering with Cisco and Great Basin College to bring free digital education to employees and local-Nevadans
- Barrick purchases goods and services from more than 500 Nevada-based businesses
- Partners with the Public Education Foundation in Nevada
- Western Shoshone Scholarship Foundation
  - Granted over \$2.8 million for over 1,250 scholarships
- Operation Bravo
- Volunteer Hours



# Perception

Mining Industry Takes Gold From Nevada  
and Gives Nothing Back



“Au, give me back my gold!”

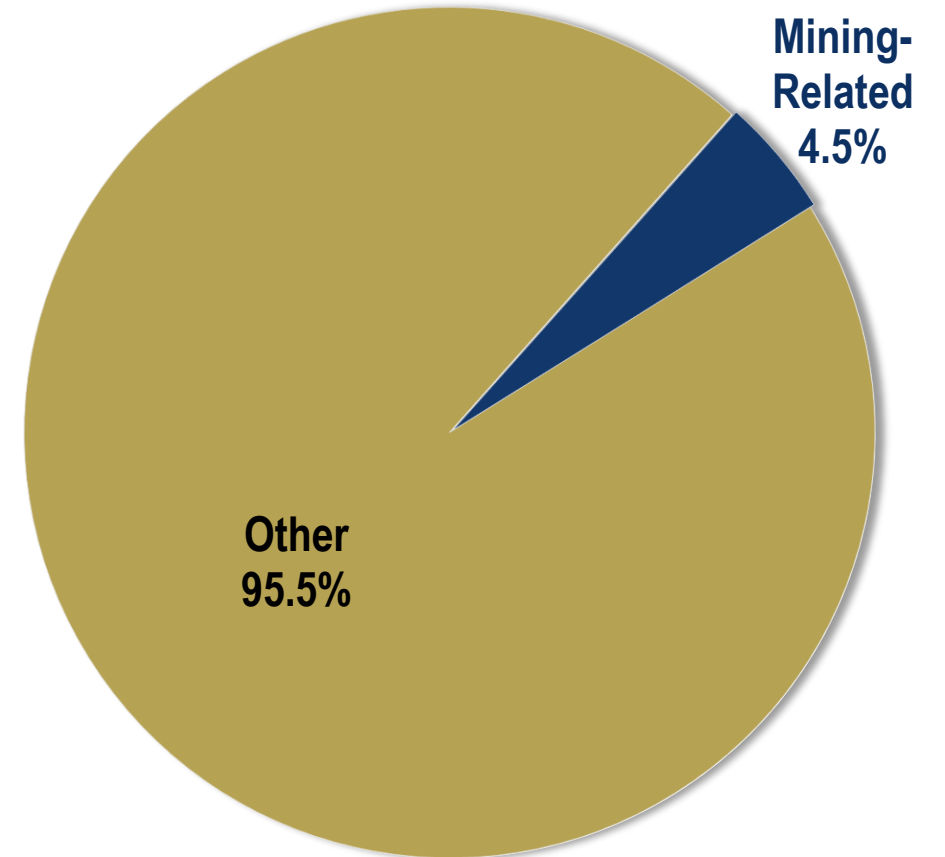
# Reality

- Internships
- The Newmont Legacy Fund
  - Distributed a total of \$2.44 million to northern Nevada nonprofit organizations in 2016
- Mining and Faith Reflections Initiative
- Mine Tours
  - NvMA’s self-guided virtual tour of Newmont’s Twin Creeks gold mine
  - Klondex Mines Ltd. transferred the deed for more than 3,200 acres to be returned to Western Shoshone tribe

# Ten Highest Assessed Taxpayers

RANK	TAXPAYER NAME	TOTAL
1	MGM Resorts International	\$3,587 Million
2	NV Energy (1,4)	\$2,721 Million
3	Caesars Entertainment	\$1,931 Million
4	Las Vegas Sands Corporation	\$972 Million
5	Wynn Resorts Limited	\$927 Million
6	Station Casinos Inc.	\$706 Million
<b>7</b>	<b>BARRICK MINING (2,4)</b>	<b>\$667 MILLION</b>
<b>8</b>	<b>NEWMONT MINING (3,4)</b>	<b>\$662 MILLION</b>
8	Ruby Pipeline, LLC	\$458 Million
10	Nevada Property 1, LLC	\$382 Million
<b>Total</b>		<b>\$13,012 Million</b>

# Roll Assessed Value by Class



Source: Nevada Department of Taxation

# Perception

Mining Should Have a Diminished Role in the “New Nevada”



# Reality

**Girl Scout Motto:**  
“Make New Friends  
and Keep the Old...”

# Perception vs. Reality



*“All our knowledge has its origins  
in our perceptions.”*

-- Leonardo Da Vinci



# NEVADA'S MINING INDUSTRY

## PERCEPTIONS AND REALITIES

# 2017

JEREMY AGUERO

