The recent purchase by Google of 1,210 acres of land at the Tahoe Reno Industrial Center signaled another significant development for the region's high-tech economic expansion. Google, which indicated that the land will house a data center in the future, joins a growing list of technology giants that have expanded or started operations in Northern Nevada. In recent years, the region has attracted companies including Tesla, Panasonic, Microsoft, Switch, Ebay and Apple, all of which have helped diversify the regional and state economies while advancing Nevada's reputation as a business-friendly location for Silicon Valley stalwarts.

Apple, which opened its Northern Nevada data center in 2012, announced earlier this month that it would invest an additional \$1 billion in its data center at the Reno Technology Park. The company will also purchase a warehouse in downtown Reno to support its data center operations. That news followed an Apple announcement earlier in the year of a 200-megawatt expansion of its solar power operations for its data center. Such long-term investments by one of the world's largest and most successful technology companies help solidify Nevada's attractiveness to other high-tech firms seeking to expand or enhance operations.

Meanwhile, electric automaker Tesla continues to make strides at its Gigafactory at the Tahoe Reno Industrial Center and on Wall Street. In the past two months, the company's stock price increased by about 35 percent while its market capitalization surpassed that of a well-established rival, Ford. Investor confidence in Tesla is partly sourced to the company's promise to deliver a highly-anticipated mass market model for which nearly 400,000 people have put

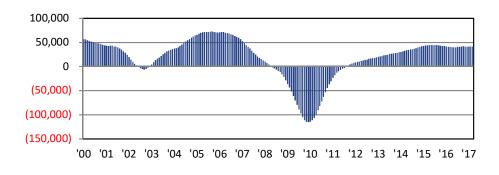
down a \$1,000 deposit. At the Gigafactory outside Reno, which will play a key role in manufacturing Tesla vehicles, Tesla and partner Panasonic have continued to invest capital and hire workers. The most-recent compliance audit for the Governor's Office of Economic Development showed that through September 2016, total capital investment in the project surpassed \$839 million, which has supported 2,500 construction jobs. Tesla has also hired more than 1,000 permanent employees and continues to add 150 to 200 more each month.

Activity at the Gigafactory and throughout the region as a whole is evident in ongoing job trends. On a trailing 12-month average basis, construction and manufacturing employment have increased for 55 and 25 consecutive months, respectively. In March 2017, the construction industry added about 1,100 jobs on a trailing 12-month basis from a year ago, representing growth of 8.1 percent. The manufacturing industry also showed significant gains with the addition of 900 jobs on a trailing 12-month basis, a 6.8 percent expansion over the same period.

Continued on Back Cover ))

#### **NEVADA EMPLOYMENT GROWTH**

**TRAILING 12-MONTH AVERAGES** 



# Economic Briefing

**MAY 2017** 

ISSUE FIVE | VOLUME ELEVEN

## **MONTHLY**

### **Employment Indicators**

| Nevada Empl                   | Mar-17                           |                                       |
|-------------------------------|----------------------------------|---------------------------------------|
| Current Period<br>1,317,000   | Prev. Period<br><b>1,312,700</b> | Same Period Prev. Yr.<br>1,280,000    |
| GROWTH RATE                   | 0.3%                             | 2.9%                                  |
| Nevada Priva<br>Weekly Hours  | Mar-17                           |                                       |
| Current Period<br><b>34.0</b> | Prev. Period<br><b>33.5</b>      | Same Period Prev. Yr.<br>33.3         |
| GROWTH RATE                   | 1.5% 🔺                           | 2.1% 🔺                                |
| Nevada Unen                   | Mar-17                           |                                       |
| Current Period<br>4.8%        | Prev. Period<br><b>4.9</b> %     | Same Period Prev. Yr.<br><b>5.8</b> % |
| GROWTH RATE                   | -0.1% <b>V</b>                   | -1.0% <b>V</b>                        |

# TRAILING 12-MONTH Employment Indicators

Nevada Employment<sup>(1)</sup>

| Current Period<br>1,309,800    | Prev. Period<br>1,306,717   | Same Period Prev. Yr.<br>1,268,350 |
|--------------------------------|-----------------------------|------------------------------------|
| GROWTH RATE                    | 0.2% 🔺                      | 3.3% 🔺                             |
| Nevada Priva<br>Weekly Hours   |                             | Mar-17                             |
| Current Period<br><b>34.0</b>  | Prev. Period<br><b>34.0</b> | Same Period Prev. Yr.<br>33.6      |
| GROWTH RATE                    | 0.2% 🔺                      | 1.4%                               |
| Nevada Unen                    | nployment Rate              | (1) Mar-17                         |
| Current Period<br><b>5.6</b> % | Prev. Period<br>5.7%        | Same Period Prev. Yr.<br>6.5%      |
| GROWTH RATE                    | -0.1% ▼                     | -0.9% ▼                            |
|                                |                             |                                    |

Notes: (1) Trailing 12-month/4-quarter averages. (2) Trailing 12-month/4-quarter totals.



Mar-17

# MONTHLY & QUARTERLY

#### Economic Indicator Series

| Nevada  | Initial | Unemp | loyment |
|---------|---------|-------|---------|
| Insuran | ce Cla  | ims . |         |

Mar-17

| Current Period | Prev. Period   | Same Period Prev. Yr. |
|----------------|----------------|-----------------------|
| <b>9,545</b>   | <b>10,278</b>  | 10,924                |
| GROWTH RATE    | -7.1% <b>▼</b> |                       |

# Nevada Residential Housing Units Permitted

Feb-17

| Current Period | Prev. Period    | Same Period Prev. Yr. |
|----------------|-----------------|-----------------------|
| 879            | 1,058           | 2,042                 |
| GROWTH RATE    | -16 9% <b>▼</b> |                       |

#### **Nevada Taxable Retail Sales**

Feb-17

| Current Period  | Prev. Period           | Same Period Prev. Yr. |
|-----------------|------------------------|-----------------------|
| \$4,220,154,700 | <b>\$4,272,918,270</b> | \$4,026,863,019       |
| GROWTH RATE     | -1 2% <b>V</b>         |                       |

#### Nevada Gross Gaming Revenue

Mar-17

| Current Period | Prev. Period         | Same Period Prev. Yr. |
|----------------|----------------------|-----------------------|
| \$991,023,123  | <b>\$945,266,438</b> | \$922,329,184         |
| GROWTH RATE    | 4.8%                 |                       |

#### Las Vegas/Reno-Tahoe

**Enplaned and Deplaned Passengers** Feb-17

|                |              | •               |        |
|----------------|--------------|-----------------|--------|
| Current Period | Prev. Period | Same Period Pre | v. Yr. |
| 3,718,557      | 3,960,882    | 3,713,          | ,730   |
| GROWTH RATE    | -6 1% V      | N 1%            |        |

#### Clark/Washoe County Visitor Volume Mar-17

| Current Period | Prev. Period     | Same Period Prev. Yr. |
|----------------|------------------|-----------------------|
| 4,528,963      | <b>3,949,188</b> | 4,449,146             |
| GROWTH RATE    | 14.7%            | 1.8% 🔺                |

#### Nevada New Business Creation 03 '16

| Current Period | Prev. Period | Same Period Prev. Yr. |
|----------------|--------------|-----------------------|
| 764            | 389          | <b>524</b>            |
| GROWTH RATE    | 96 4%        |                       |

#### **Nevada Housing Price Index**

(O1 1991 = 100)

Q4 '16

| Current Period | Prev. Period | Same Period Prev. Yr. |
|----------------|--------------|-----------------------|
| 214.8          | 208.3        | 197.6                 |
| GROWTH RATE    | 3.1%         | 8.7%                  |

### **Clark County Office Market**

**Vacancy Rate** 

Q1 '17

| Current Period | Prev. Period  | Same Period Prev. Yr. |
|----------------|---------------|-----------------------|
| 19.8%          | <b>20.1</b> % | 21.3%                 |
| GROWTH RATE    | -N 3% V       |                       |

#### Nevada Hotel/Motel Occupancy 03 '16

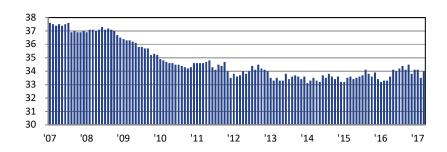
| Current Period | Prev. Period  | Same Period Prev. Yr. |
|----------------|---------------|-----------------------|
| 87.0%          | <b>84.4</b> % | 85.3%                 |
| GROWTH RATE    | 2.6%          |                       |

#### State of Nevada Personal Income Q4 '16

| Current Period   | Prev. Period            | Same Period Prev. Yr. |
|------------------|-------------------------|-----------------------|
| \$32,718,580,500 | <b>\$32,760,602,750</b> | \$30,826,425,000      |
| CRUMTH BATE      | N 1% 🔻                  |                       |

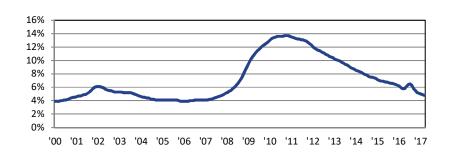
#### **NEVADA PRIVATE AVERAGE WEEKLY HOURS WORKED**

**MONTHLY SERIES** 



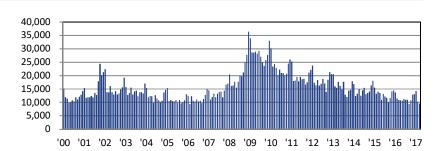
#### **NEVADA UNEMPLOYMENT RATE**

**MONTHLY SERIES** 



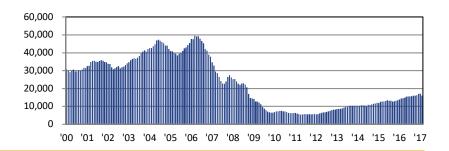
#### **NEVADA UNEMPLOYMENT INSURANCE CLAIMS**

**MONTHLY SERIES** 



#### **NEVADA RESIDENTIAL UNITS PERMITTED**

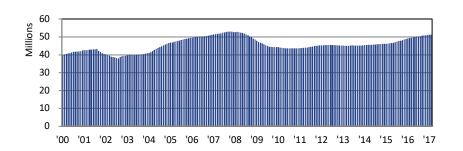
TRAILING 12-MONTH TOTALS



# NEVADA STATE BANK

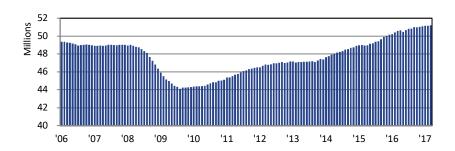
#### LAS VEGAS/RENO-TAHOE AIRPORT PASSENGER COUNTS

TRAILING 12-MONTH TOTALS



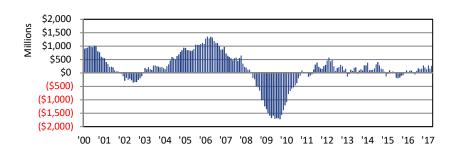
#### **CLARK/WASHOE COUNTY VISITOR VOLUME**

TRAILING 12-MONTH TOTALS



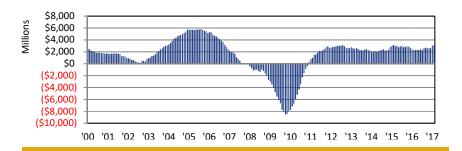
#### **GROWTH IN NEVADA GROSS GAMING REVENUE**

TRAILING 12-MONTH TOTALS



#### **GROWTH IN NEVADA TAXABLE RETAIL SALES**

TRAILING 12-MONTH TOTALS



# TRAILING 12-MONTH

Economic Indicator Series

| Mar-17                                    |                                  | Nevada Initial U<br>Insurance Clain |
|---|----------------------------------|-------------------------------------|
| Same Period Prev. Yr.<br>148,113          | Prev. Period<br><b>136,071</b>   | Current Period<br>134,692           |
| -9.1% ▼                                   | -1.0% <b>▼</b>                   | GROWTH RATE                         |
| Feb-17                                    |                                  | Nevada Resider<br>Units Permitted   |
| Same Period Prev. Yr.<br>14,329           | Prev. Period<br><b>17,115</b>    | Current Period<br>15,952            |
| 11.3% 🔺                                   | -6.8% ▼                          | GROWTH RATE                         |
| Feb-17                                    | Retail Sales (2)                 | Nevada Taxable                      |
| Same Period Prev. Yr.<br>\$51,909,410,538 | Prev. Period<br>\$54,806,616,418 | Current Period<br>\$54,999,908,099  |

| Nevada Gross     | Gaming Revenue   | (2) Mar-17            |
|------------------|------------------|-----------------------|
| Current Period   | Prev. Period     | Same Period Prev. Yr. |
| \$11,392,468,294 | \$11,323,774,355 | \$11,132,238,588      |

0.4%

0.6%

6.0%

2.3%

**GROWTH RATE** 

**GROWTH RATE** 

| Las Vegas/Reno-Tahoe      |              |                             |    |
|---------------------------|--------------|-----------------------------|----|
| <b>Enplaned and Depla</b> | ned Passenç  | <b>jers <sup>(2)</sup> </b> | 7  |
| Current Period            | Prev. Period | Same Period Prev. Y         |    |
| 51,240,614                | 51,235,787   | 49,392,42                   | 1  |
| GROWTH RATE               | 0.0%         | 3.7% 4                      | N. |

| Clark/Washoe                        | <b>County Visito</b> | r Volume | (2) Mar-17                              |
|-------------------------------------|----------------------|----------|---|
| Current Period<br><b>51.213.509</b> | 1101110              |          | e Period Prev. Yr.<br><b>50,573,801</b> |
| GROWTH RATE                         | N 2%                 | <u> </u> | 1 3%                                    |

| Menada Mem Rasiu | ess creation | (2) UJ 11b            |
|------------------|--------------|-----------------------|
| Current Period   | Prev. Period | Same Period Prev. Yr. |
| 3,625            | 3,385        | 2,694                 |
| GROWTH RATE      | 7 1%         | 34 6% ▲               |

| Q4 '16                         | Price Index (1)               | <b>Nevada Housing</b> (Q1 1991 = 100) |
|--------------------------------|-------------------------------|---------------------------------------|
| Same Period Prev. Yr.<br>190.3 | Prev. Period<br><b>203</b> .4 | Current Period 207.7                  |
| 9 1% A                         | 2 1% 🔺                        | GROWTH RATE                           |

| GROWTH RATE                              | 2.1% 🔺                | 9.1% 🔺                        |
|--|-----------------------|-------------------------------|
| Clark County Office<br>Market Vacancy Ra |                       | 01 '17                        |
| Current Period<br><b>20.3</b> %          | Prev. Period<br>20.6% | Same Period Prev. Your 22.0%  |
| GROWTH RATE                              | -0.3% ▼               | -1.7% 🔻                       |
| Nevada Hotel/Mote                        | l Occupancy (         | 1) Q3 '11                     |
| Current Period<br>82.9%                  | Prev. Period<br>82.5% | Same Period Prev. Yi<br>81.6% |
| GROWTH RATE                              | 0.5% 🔺                | 1.3% 🔺                        |
| 0  |                       | (2) 0.4.14                    |

| State of Nevada                     | a Personal Incom                         | <b>1e</b> <sup>(2)</sup> Q4 '16            |
|-------------------------------------|--|--|
| Current Period<br>\$130,874,322,000 | Prev. Period<br><b>\$131,042,411,000</b> | Same Period Prev. Yr.<br>\$123,305,700,000 |
| GROWTH RATE                         | -0.1% ▼                                  | 6.1% 🔺                                     |

#### Continued From Cover

These industry-specific trends are part of larger growth trends in the Northern Nevada economy. In March 2017, the number of jobs in the Reno metropolitan area grew 4.5 percent to 222,500 on a trailing 12-month basis. With an increasing number of jobs, the number of unemployed is decreasing. On a trailing 12-month average basis, unemployment fell 21 percent over the past year to 10,861, the lowest level since 2008. Meanwhile, the labor force grew by 1.3 percent over the past year, three times the statewide growth rate of 0.4 percent. This suggests that many unemployed workers are now finding jobs and that new employment opportunities are attracting workers into the region.

Growth of this magnitude is a source of prosperity and better economic conditions for most people in the region. However, it is important to recognize potential impacts of rapid growth, such as the increased cost of housing. Rents in the Reno area have climbed to record levels as unit availability has tightened. If the housing stock does not keep up the increasing demand, upward pressure on housing prices and rents could make housing affordability a growing concern.

In the meantime, ongoing investment by Tesla, Apple and other technology companies will continue to drive Northern Nevada's economic expansion. At the same time, their success and strengthening ties to the region will encourage other companies to pursue opportunities in Northern Nevada, which will support additional expansion and growth in the region's technology sector.

Prepared by:

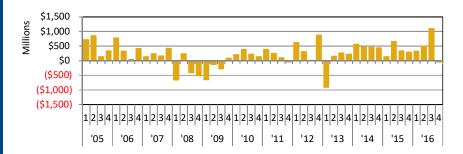


appliedanalysis.com

Methodology: Applied Analysis ("AA") was retained by Nevada State Bank to summarize and analyze a series of key economic indicators on a recurring basis. Relevant data were obtained from AA's internal databases as well as national, regional and local data providers, including, without limitation, state and local governments. While we have no reason to doubt the accuracy of any of the data reported, we have not performed an audit or assurance procedures on these data, and as such, we cannot attest to their completeness. Generally speaking, data reported are for Nevada, Clark County, Washoe County, or the metropolitan areas therein. Please note that these geographies may differ slightly between data providers.

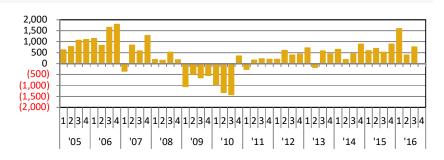
#### **NEVADA PERSONAL INCOME GROWTH**

QUARTER-OVER-QUARTER



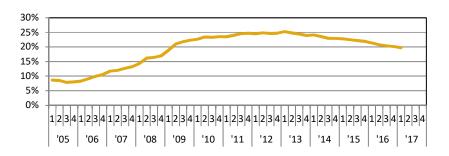
#### **NEVADA NEW BUSINESS CREATION**

QUARTER-OVER-QUARTER



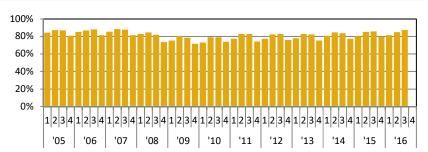
#### LAS VEGAS OFFICE MARKET VACANCY RATE

**OUARTERLY SERIES** 



#### **NEVADA HOTEL/MOTEL OCCUPANCY**

**OUARTERLY SERIES** 





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