



CBER Indexes for Nevada and Southern Nevada

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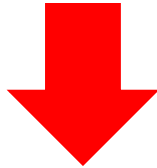
Summary of CBER's Nevada Indexes

Coincident Index (January)

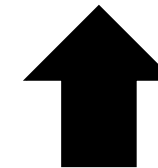
Leading Index (February)

Mo. to Mo.

-0.2 %



4.0 %

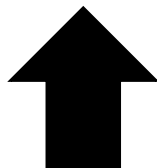


Taxable Sales	Gross Gaming Revenue	Nonfarm Employment
-3.6% ↓	0.3% ↑	0.1% ↑

Initial Claims*	Moody's Baa*	Housing Permits	Commercial Permits	Airline Passengers	S&P 500
-4.8% ↓	-0.04% ↓	51.1% ↑	79.6% ↑	2.1% ↑	-1.7% ↓

Yr. to Yr.

1.5 %



1.8 %



Taxable Sales	Gross Gaming Revenue	Nonfarm Employment
0.2% ↑	-2.6% ↓	2.2% ↑

Initial Claims*	Moody's Baa*	Housing Permits	Commercial Permits	Airline Passengers	S&P 500
13.6% ↑	0.2% ↑	35.2% ↑	13.8% ↑	9.4% ↑	-8.3% ↓

Note: The coincident index is a month behind relative to other indexes because of a two-month delayed taxable sales statistic publication.

* Inverted



CBER's Indexes of Nevada Economic Activity

Coincident Index Components

- Nevada Taxable Sales
- Nevada Gross Gaming Revenue
- Nevada Nonfarm Employment

Leading Index Components

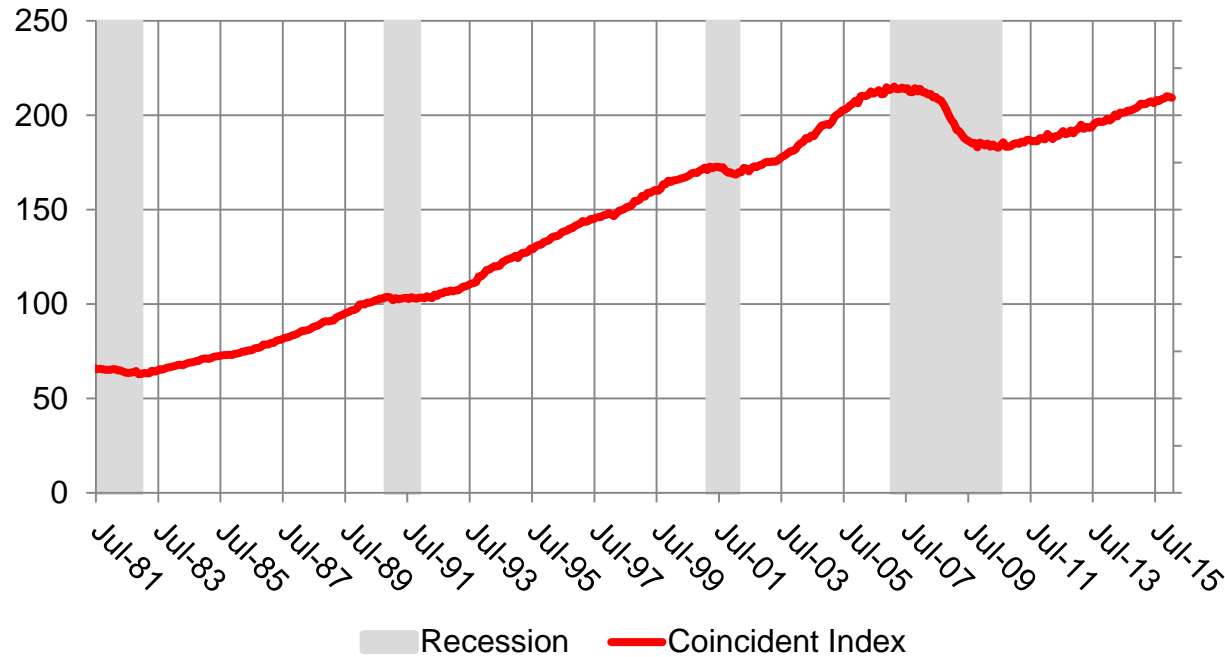
- Nevada Initial Claims for Unemployment (inverted)
- Moody's Real Baa Bond Rate (inverted)
- Nevada Housing Permits
- Nevada Commercial Permits
- Nevada Airline Passengers
- Standard & Poor's Stock Market Index

The CBER Nevada coincident and leading indexes use the Department of Commerce index construction method. The CBER Nevada coincident index measures the ups and downs of the Nevada economy, while the CBER Nevada leading index provides an indication for the future direction of the coincident index. The coincident index provides the benchmark series that defines the business cycle or reference cycle in Nevada. The leading index then tracks the economy relative to that reference cycle. The coincident index peaked in February 2007 and then fell dramatically through June 2010. Prior to the Great Recession, identified by the benchmark Nevada coincident index, the Nevada leading index peaked in November 2005, 14 months before the Nevada coincident index peaked. Then the Nevada leading index troughed in May 2009, 13 months before the Nevada coincident index troughed. All series are seasonally adjusted (SA). A full description of the methodology used to construct the indexes can be found at: <http://cber.unlv.edu/publications/nvindices.pdf>.



Nevada Coincident Index

The CBER Nevada coincident index decreased for the month but rose from last year in January 2016.



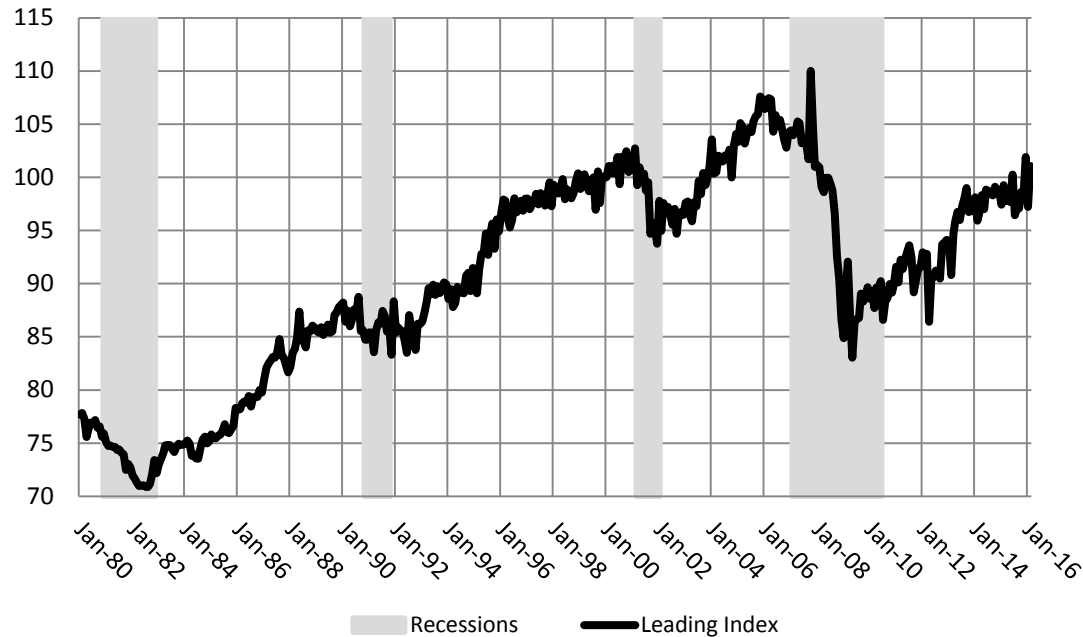
The CBER Nevada coincident index fell 0.2 percent month-over-month, but rose 1.5 percent year-over-year in January 2016. January taxable sales decreased by 3.6 percent compared to a month ago, which led to the monthly loss in the index. Seasonally adjusted gaming revenue and nonfarm employment experienced gains for the month of 0.3 and 0.1 percent, respectively. Even though gaming revenue rose month-over-month in January, it declined by 2.6 percent year-over-year because of a huge decrease in baccarat win. The gains from taxable sales and nonfarm employment on a year-over-year basis, however, offset this loss in gaming revenue, resulting in an upward change in the overall index for the year.

Series	Date	Latest Period	Month-Over-Month	Year-Over-Year
Taxable Sales (SA)	Jan-16	4,256,464,286	-3.6%	0.2%
Gaming Revenue (SA)	Jan-16	935,334,086	0.3%	-2.6%
Nonfarm Employment (SA)	Jan-16	1,270,930	0.1%	2.2%
Overall Index Change	Jan-16	209.4	-0.2%	1.5%



Nevada Leading Index

The CBER Nevada leading index increased in January 2016 relative to last month and last year.



Date	Index	Month-over-Month	Year-over-Year
Feb-15	99.2	1.9%	3.5%
Mar-15	97.8	-1.5%	1.0%
Apr-15	97.9	0.2%	-0.4%
May-15	97.7	-0.2%	0.7%
Jun-15	100.3	2.6%	1.4%
Jul-15	96.4	-3.8%	-2.3%
Aug-15	97.1	0.7%	-1.5%
Sep-15	97.1	0.0%	-1.3%
Oct-15	98.6	1.6%	-0.5%
Nov-15	98.3	-0.3%	-0.4%
Dec-15	101.9	3.7%	3.4%
Jan-16	97.2	-4.6%	-0.2%
Feb-16	101.1	4.0%	1.8%

After a large monthly drop in January, the CBER Nevada leading index rebounded in February, increasing by 4.0 and 1.8 percent, respectively, month-over-month and year-over-year. The S&P 500 continued to experienced a loss, decreasing by 1.7 percent for the month, while initial claims for unemployment (inverted) and the real Moody’s Baa corporate bond yield (inverted) fell by 4.8 and 0.04, respectively, percent compared to a month earlier. The remaining three components—housing permits, commercial permits, and total air passengers— increased by 51.1, 79.6, and 2.1 percent, respectively, from January to February, and brought a positive monthly increase in the index. Although commercial permits experienced a significant monthly increase, the number still remains low and volatile.



Summary of CBER's Southern Nevada Indexes

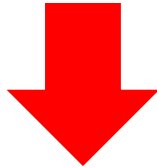
- Coincident Index and Leading Index

Coincident Index (January)

Leading Index (February)

Mo. to Mo.

-0.3 %



-0.6 %



Taxable Sales	Gross Gaming Revenue	Nonfarm Employment
-2.8% ↓	0.03% ↑	0.2% ↑

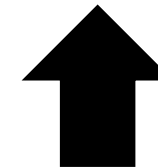
Initial Claims*	Moody's Baa*	Housing Permits	Commercial Permits	McCarran Passengers	S&P 500
-4.8% ↓	-0.04% ↓	81.9% ↑	95.2% ↑	1.6% ↑	-1.7% ↓

Yr. to Yr.

1.5 %



0.9 %



Taxable Sales	Gross Gaming Revenue	Nonfarm Employment
1.0% ↑	-3.0% ↓	2.4% ↑

Initial Claims*	Moody's Baa*	Housing Permits	Commercial Permits	McCarran Passengers	S&P 500
13.6% ↑	0.2% ↑	46.4% ↑	44.0% ↑	8.9% ↑	-8.3% ↓

Note: The coincident index is a month behind relative to other indexes because of a two-month delayed taxable sales statistic publication.

* Inverted

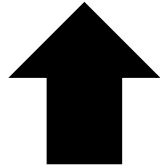


Summary of CBER's Southern Nevada Indexes

- Construction Index and Tourism Index

Construction Index (February)

1.8 %

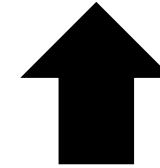


Mo. to Mo.

Construction Employment	Housing Permits	Commercial Permits
0.9% ↑	81.9% ↑	95.2% ↑

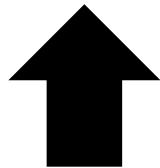
Tourism Index (February)

0.5 %



McCarran Passengers	Gross Gaming Revenue	LV Hotel/Motel Occupancy Rate
1.6% ↑	5.1% ↑	-0.6% ↓

3.1 %



Yr. to Yr.

Construction Employment	Housing Permits	Commercial Permits
10.5% ↑	46.4% ↑	44.0% ↑

2.5 %



McCarran Passengers	Gross Gaming Revenue	LV Hotel/Motel Occupancy Rate
8.9% ↑	8.7% ↑	2.5% ↑



CBER's Indexes of Southern Nevada Economic Activity

Coincident Index

- CC Taxable Sales
- CC Gaming Revenue
- CC Nonfarm Employment

Leading Index

- NV Initial Claims for Unemployment (inverted)
- Moody's Real Baa Bond Rate (inverted)
- CC Housing Permits
- CC Commercial Permits
- McCarran Passengers
- S&P 500

Construction Index

- CC Construction Employment
- CC Housing Permits
- CC Commercial Permits

Tourism Index

- McCarran Passengers
- CC Gaming Revenue
- LV Hotel/Motel Occupancy Rate

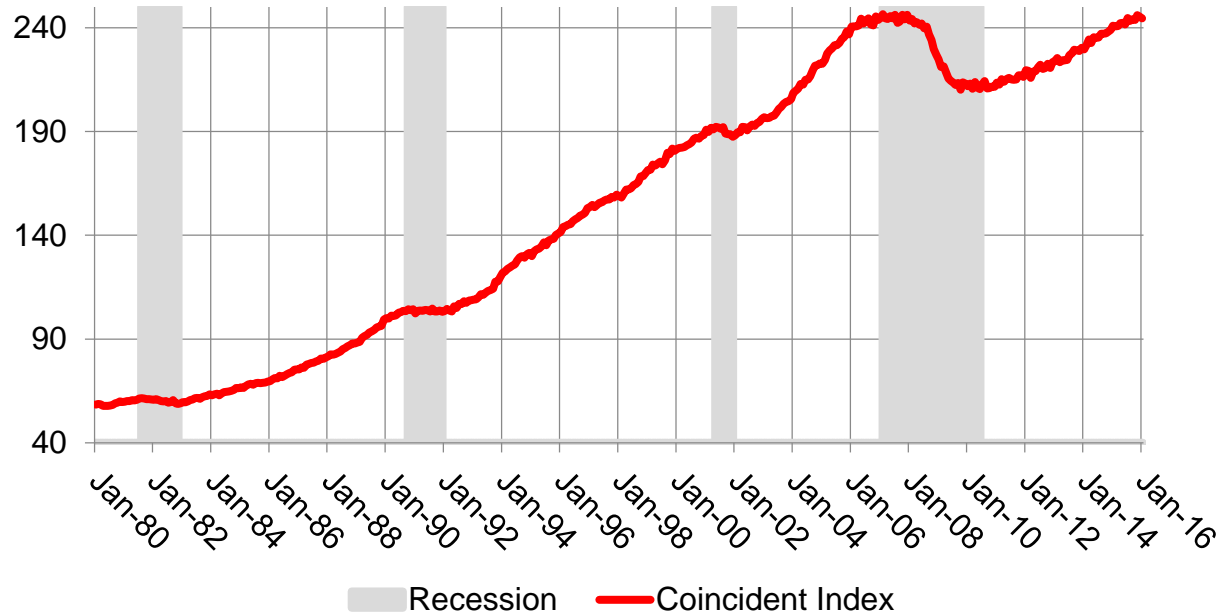
Note: CC = Clark County

The CBER Southern Nevada coincident and leading indexes use the Department of Commerce index construction method. The coincident index measures the ups and downs of the Southern Nevada economy. The leading index provides a signal about the future direction of the coincident index. The coincident index peaked in February 2007 and then fell dramatically through June 2010. Prior to the Great Recession, identified by the benchmark Southern Nevada coincident index, the Southern Nevada leading index peaked in September 2005, 16 months before the Southern Nevada coincident index peaked. Then the Southern Nevada leading index troughed in May 2009, 13 months before the Southern Nevada coincident index troughed. Finally, both the CBER Southern Nevada construction and tourism indexes also use the Department of Commerce index construction method. All series are SA.



Southern Nevada Coincident Index

The CBER Southern Nevada coincident index experienced a monthly loss, but a yearly gain in January.



The CBER Southern Nevada coincident index experienced a monthly decrease in January 2016, falling by 0.3 percent for the month. But, it increased its value by 1.5 percent compared to a year ago. Seasonally adjusted taxable sales experienced a 2.8 percent monthly decrease that resulted in the monthly decline of the index. The other two components—gaming revenue and nonfarm employment— rose by 0.03 and 0.2 percent, respectively, from December to January. In terms of year-over-year growth, gaming revenue was the only component that experienced a loss, decreasing by 3.0 percent due to a substantial loss in baccarat win.

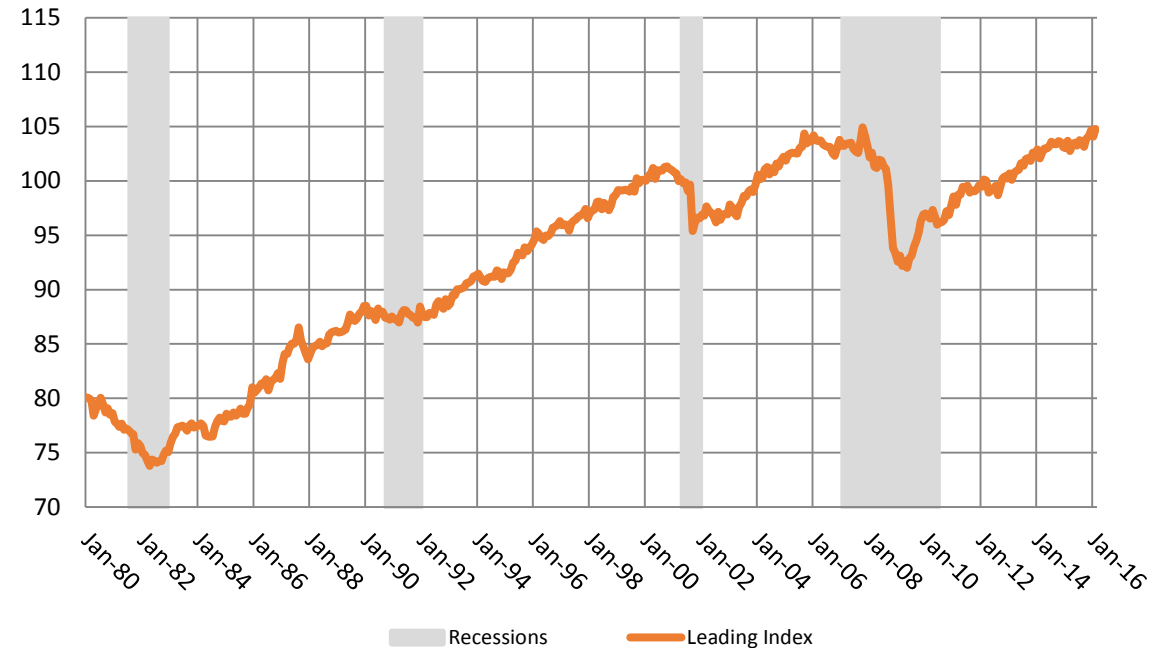
Series	Date	Latest Period	Month-over-Month	Year-over-Year
Taxable Sales (SA)	Jan-16	3,190,887,059	-2.8%	1.0%
Gaming Revenue (SA)	Jan-16	804,711,671	0.03%	-3.0%
Nonfarm Employment (SA)	Jan-16	927,184	0.2%	2.4%
Overall Index Change	Jan-16	244.5	-0.3%	1.5%



Southern Nevada Leading Index

The CBER Southern Nevada leading index climbed in February 2016 relative to last month and last year.

Date	Index	Month-over-Month	Year-over-Year
Feb-15	103.7	0.7%	1.6%
Mar-15	102.7	-0.9%	0.2%
Apr-15	103.3	0.6%	0.3%
May-15	103.5	0.2%	0.5%
Jun-15	103.2	-0.2%	0.1%
Jul-15	103.8	0.5%	0.2%
Aug-15	103.4	-0.3%	0.1%
Sep-15	103.1	-0.3%	-0.2%
Oct-15	103.9	0.7%	0.2%
Nov-15	104.1	0.2%	0.5%
Dec-15	104.6	0.5%	1.5%
Jan-16	104.1	-0.5%	1.0%
Feb-16	104.8	0.7%	1.0%

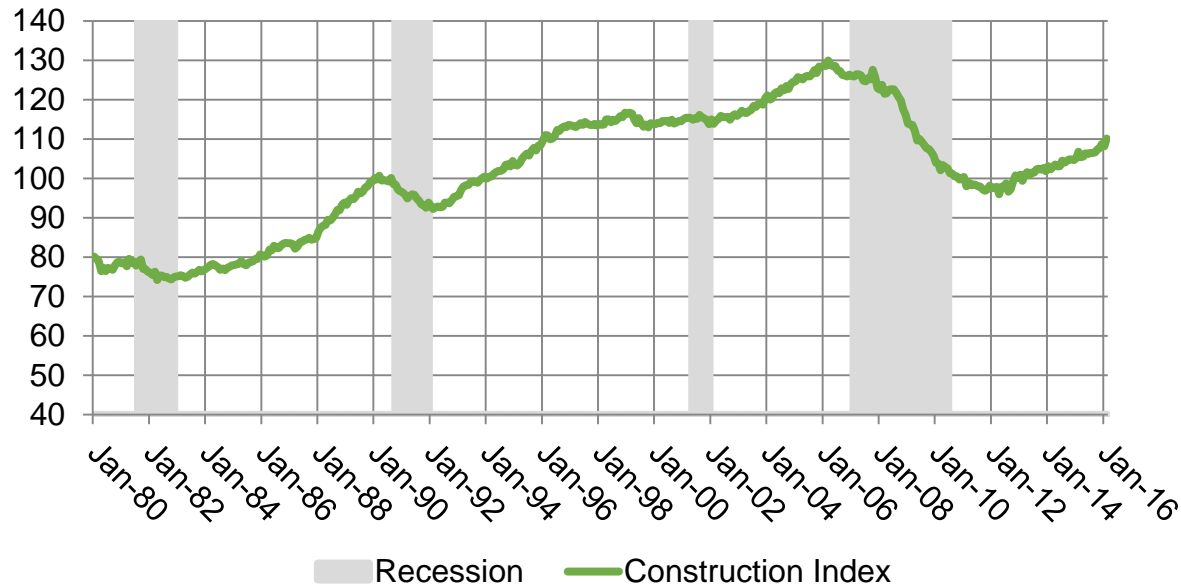


The CBER Southern Nevada leading index rose by 0.7 and 1.0 percent on a month-over-month and a year-over-year basis, respectively. Among the six components, commercial permits, housing permits, and total McCarran passengers contributed to the index’s monthly gain, increasing by 95.2, 81.9 ,and 1.6 percent, respectively, compared to last month. The remaining three components—the Moody’s Baa grade corporate bond yield (inverted), the S&P 500 index, and initial claims for unemployment (inverted)—decreased by 0.04, 1.7, and 4.8 percent, respectively, for the month. Commercial permits experienced a significant gain, nearly doubling from its level last month. But, it still remains low and highly volatile.



Southern Nevada Construction Index

The CBER Southern Nevada construction index increased for the month and is up strongly for the year.



The CBER Nevada construction index experienced strong growth, up by 1.8 and 3.1 percent, respectively, relative to last month and last year, resulting from high levels of permitting activity. Housing permits and commercial permits increased significantly by 81.9 and 95.2 percent, respectively, compared to January 2016. Even though construction employment experienced much weaker growth for the month, up by 0.9 percent, it still fares better compared to its level last year. That is, all three components experienced double-digit year-over-year growth. Nonetheless, commercial permits still remain low and volatile.

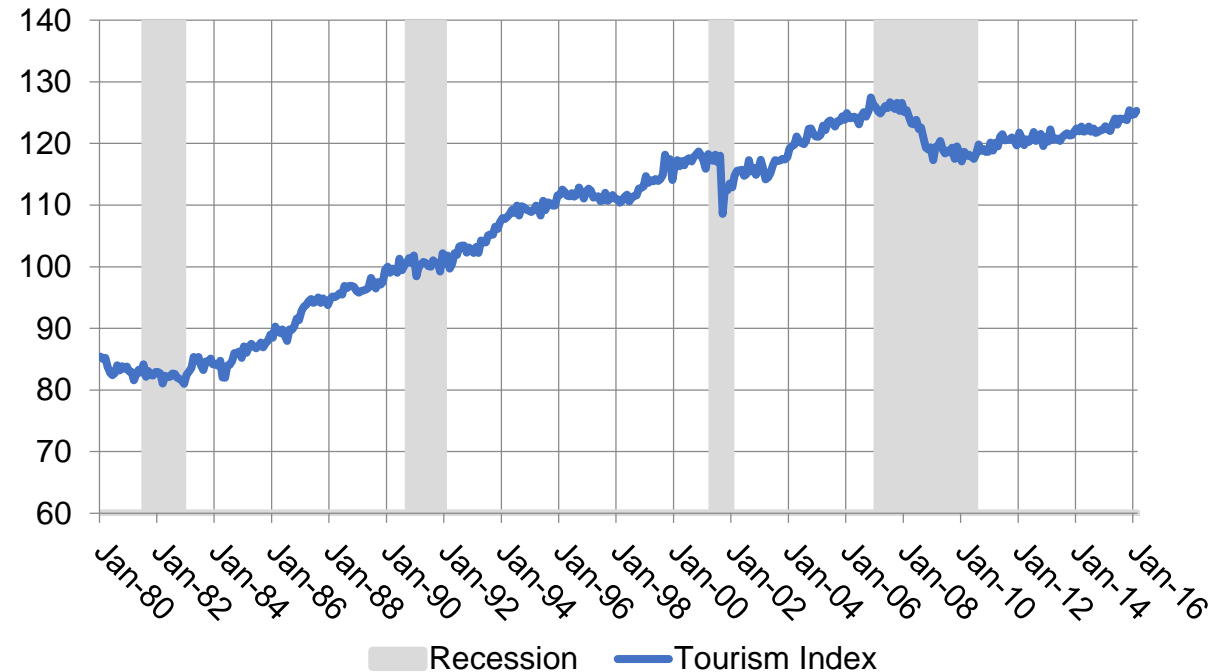
Series	Date	Latest Period	Month-over-Month	Year-over-Year
Construction Employment (SA)	Feb-16	54,818	0.9%	10.5%
Housing Permits (SA)	Feb-16	2,003	81.9%	46.4%
Commercial Permits (SA)	Feb-16	46	95.2%	44.0%
Overall Index Change	Feb-16	110.1	1.8%	3.1%



Southern Nevada Tourism Index

The CBER Southern Nevada tourism index rose in February 2016 relative to last month and last year.

The CBER Southern Nevada tourism index experienced gains, up by 0.5 and 2.5 percent, respectively, compared to a month and a year ago. The Las Vegas hotel/motel occupancy rate was the only component to experience a loss, decreasing by 0.6 percent for the month. The gains from McCarran passengers and gaming revenue, up by 1.6 and 5.1 percent, respectively, from January to February, offset the loss from the Las Vegas hotel/motel occupancy rate. The higher performance of the index this month reflects larger wins from sportsbooks as well as an additional day in February due to the leap year.



Series	Date	Latest Period	Month-over-Month	Year-over-Year
McCarran Passengers (SA)	Feb-16	3,978,266	1.6%	8.9%
Gaming Revenue (SA)	Feb-16	845,433,968	5.1%	8.7%
LV Hotel/Motel Occupancy Rate (SA)	Feb-16	0.886	-0.6%	2.5%
Overall Index Change	Feb-16	125.3	0.5%	2.5%



Sources

Nevada Indexes:

- Nevada Department of Taxation
- Nevada Gaming Control Board
- Nevada Department of Employment, Training and Rehabilitation
- U.S. Bureau of Labor Statistics
- Various Permitting Agencies
- Yahoo Finance
- Board of Governors of the Federal Reserve System
- Reno-Tahoe International Airport
- McCarran International Airport
- CBER, UNLV

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- Board of Governors of the Federal Reserve System
- McCarran International Airport
- Las Vegas Convention and Visitors Authority
- CBER, UNLV