



CBER Economic Indexes for Nevada and Southern Nevada

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CBER's Indexes of Nevada Economic Activity



Coincident Index Components

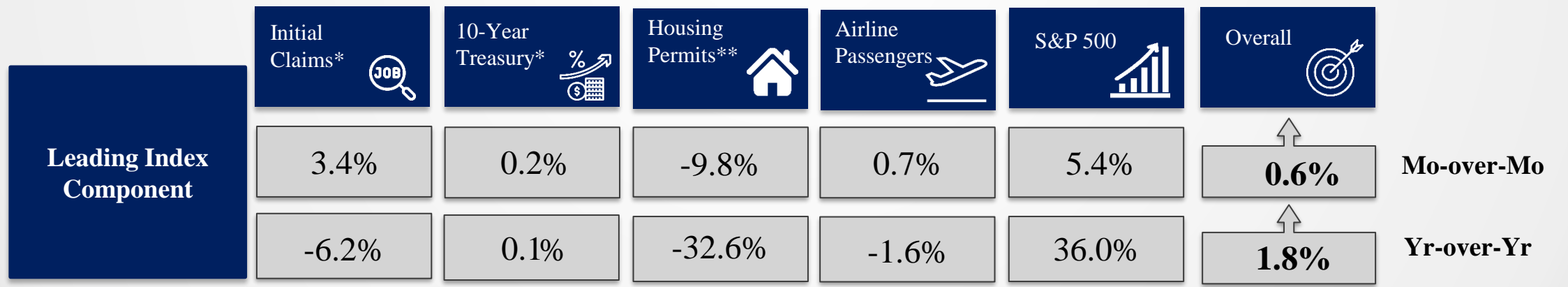
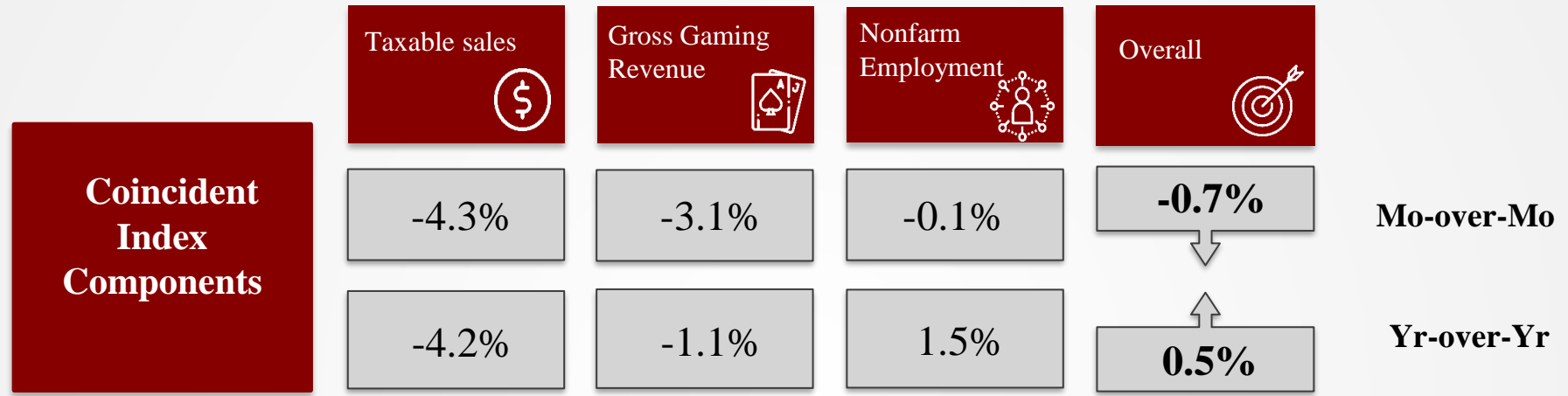
- Nevada Taxable Sales
- Nevada Gross Gaming Revenue
- Nevada Nonfarm Employment

Leading Index Components

- Nevada Initial Claims for Unemployment (inverted)
- Real 10-Year Treasury 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. The COVID-19 recession differs from typical economic recessions. It provides almost no signal that it is coming. The coincident index peaked in December 2019 while the leading index peaked in January 2020. The big dips in both indexes came with the March data and the April data should provide even more dramatic decreases in the two indexes. The Nevada COVID-19 recession began in December 2019. All series are seasonally adjusted (SA). A full description of the methodology used to construct the indexes can be found at this [link](#).

Summary of CBER's Nevada Coincident and Leading Indexes in October 2024



* Inverted ** Data are partly forecasted as Clark County Service's permit reports have not been available since December 2017.

Icons are made by 1) www.freepik.com 2) phatplus, mynamepong, and Payungkeas from www.flaticon.com

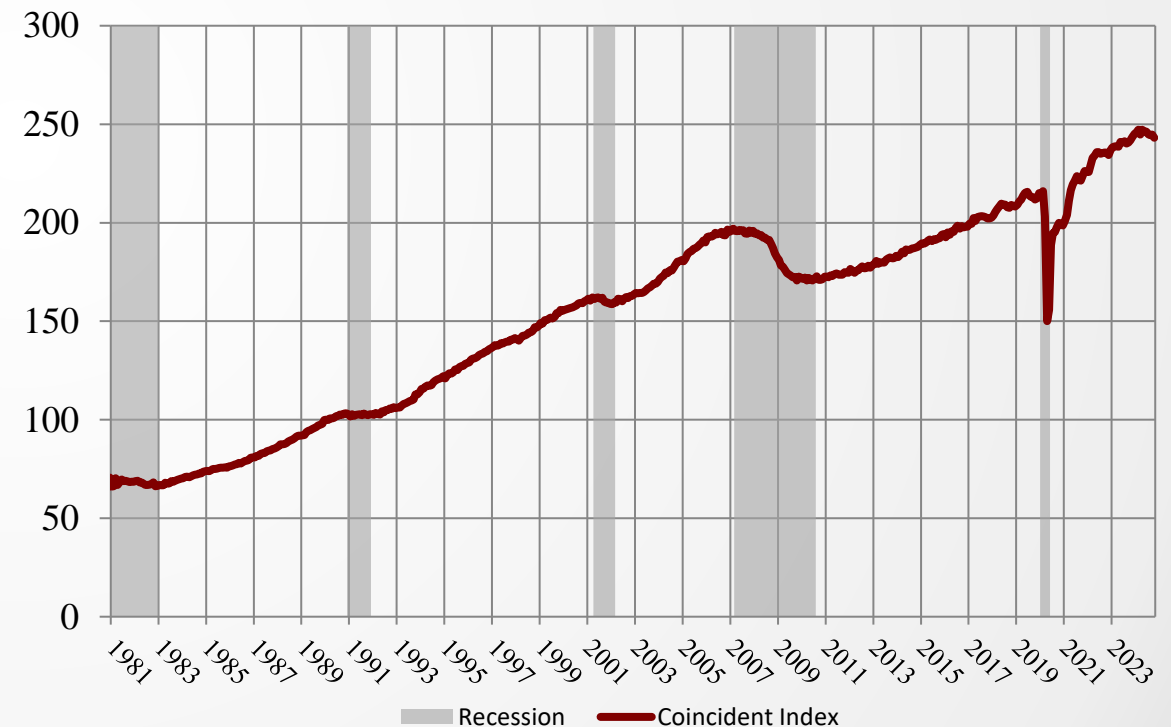
Nevada Coincident Index in October 2024

The CBER Nevada coincident index fell month-over-month and rose year-over-year.

The CBER Nevada coincident index decreased by 0.7 percent month-over-month in October. Since last month, taxable sales, gross gaming revenue, and nonfarm employment all fell by 4.3, 3.1, and 0.1 percent, respectively, from September 2024. The index’s recent peak occurred in February 2024, the month of the Super Bowl..

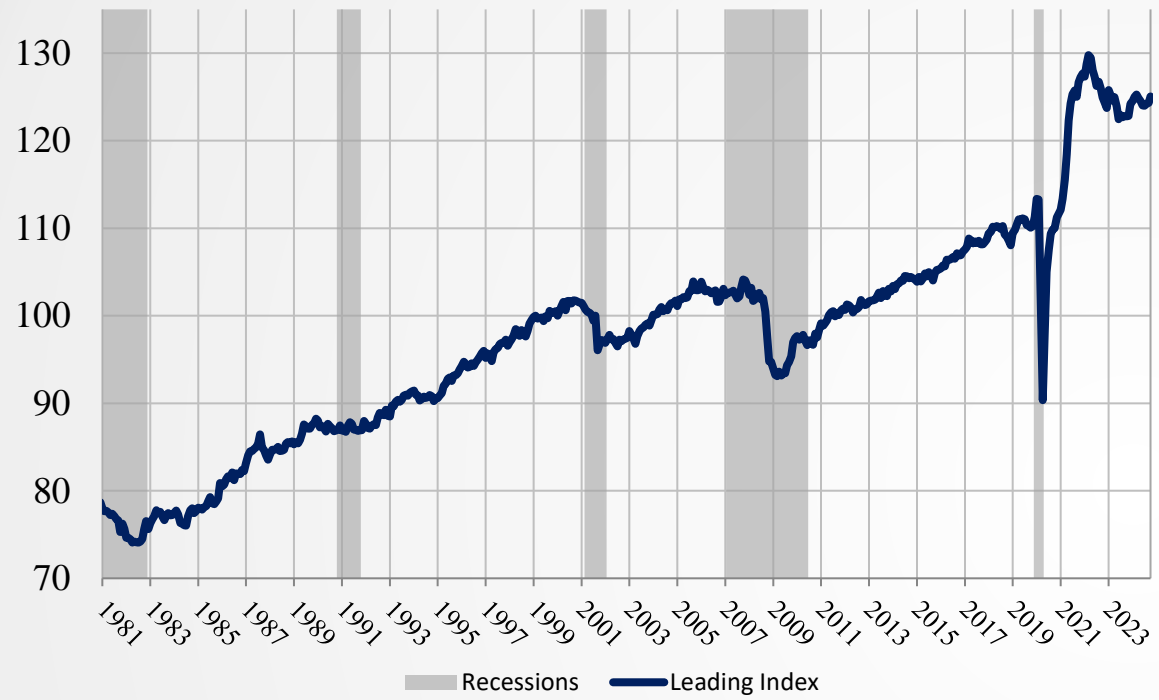
On a year-over-year basis, the CBER Nevada coincident index increased by 0.5 percent. Taxable sales and gross gaming revenue fell by 4.2 and 1.1 percent, respectively, from the previous year. On the other hand, nonfarm employment rose by 1.5 percent.

Series	Latest Period	Month-Over-Month	Year-Over-Year
Taxable Sales (SA)	7,173,062,798	-4.3%	-4.2%
Gross Gaming Revenue (SA)	1,267,769,640	-3.1%	-1.1%
Nonfarm Employment (SA)	1,570,916	-0.1%	1.5%
Index and % Change	243.1	-0.7%	0.5%



Nevada Leading Index in October 2024

The CBER Nevada leading index rose month-over-month and year-over-year.



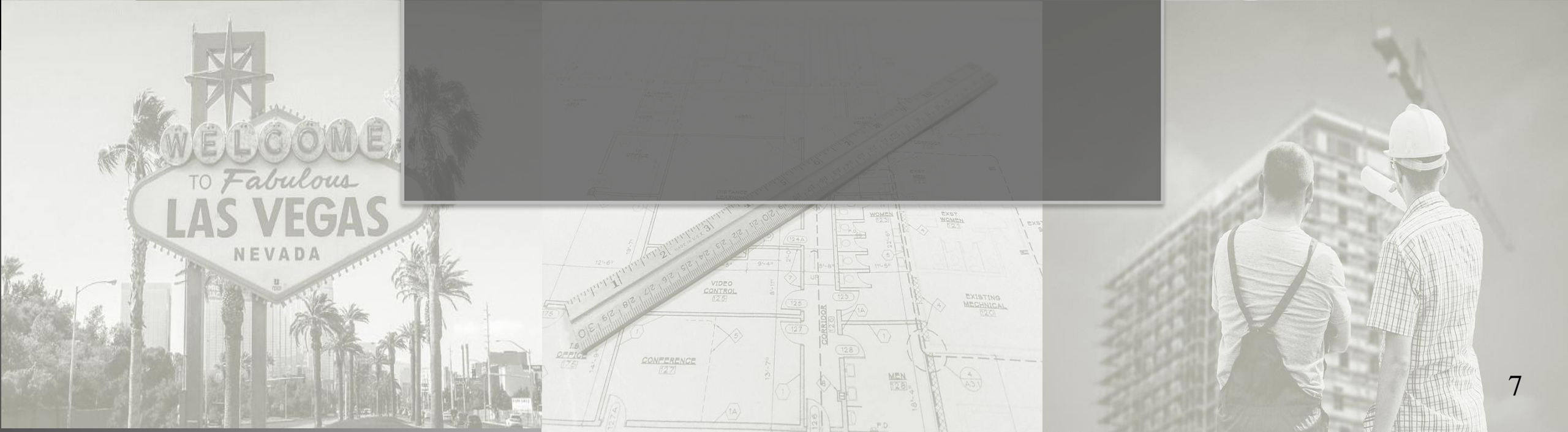
Date	Index	Month-over-Month	Year-over-Year
Oct-23	122.8	0.0%	-1.7%
Nov-23	122.8	0.0%	-1.3%
Dec-23	124.2	1.1%	0.4%
Jan-23	124.5	0.3%	-1.0%
Feb-24	125.0	0.4%	-0.2%
Mar-24	125.3	0.2%	0.6%
Apr-24	124.9	-0.3%	-0.1%
May-24	124.5	-0.3%	0.5%
Jun-24	124.0	-0.4%	1.3%
Jul-24	124.0	0.0%	0.9%
Aug-24	124.2	0.2%	1.3%
Sep-24	124.3	0.1%	1.2%
Oct-24	125.1	0.6%	1.8%

The CBER Nevada leading index rose by 0.6 percent on a monthly basis in October. Initial claims for unemployment insurance (inverted) and the ten-year real Treasury yield (inverted) rose by 3.4 and 0.2 percent, respectively, from September 2024. Nevada airline passengers and the S&P 500 also rose by 0.7 and 5.4 percent, respectively, from last month. Housing permits, however, fell by 9.8 percent from the preceding month. The index’s recent peak occurred in March 2022.

On a year-over-year basis, the CBER Nevada leading index increased by 1.8 percent from October 2023. On the positive side, the ten-year real Treasury yield (inverted) and the S&P 500 rose by 0.1 and 36.0 percent, respectively. On the negative side, initial claims for unemployment insurance (inverted), housing permits, and Nevada airline passengers fell by 6.2, 32.6, and 1.6 percent, respectively, from the previous year.



CBER Indexes of Southern Nevada Economic Activity



CBER's Indexes of Southern Nevada Economic Activity

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 October 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 indexed troughed. As noted above, the COVID-19 recession differs from typical economic recessions. It provides almost no signal that it is coming. The coincident index peaked in December 2019 while the leading index peaked in January 2020. The big dips in both indexes came with the March data and the April data should provide even more dramatic decreases in the two indexes. The Southern Nevada COVID-19 recession began in December 2019. All series are SA.

Coincident Index

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

Note: CC = Clark County

Leading Index

- NV Initial Claims for Unemployment (inverted)
- Real 10-Year Treasury Rate (inverted)
- CC Housing Permits
- CC Commercial Permits
- Harry Reid Passengers
- S&P 500

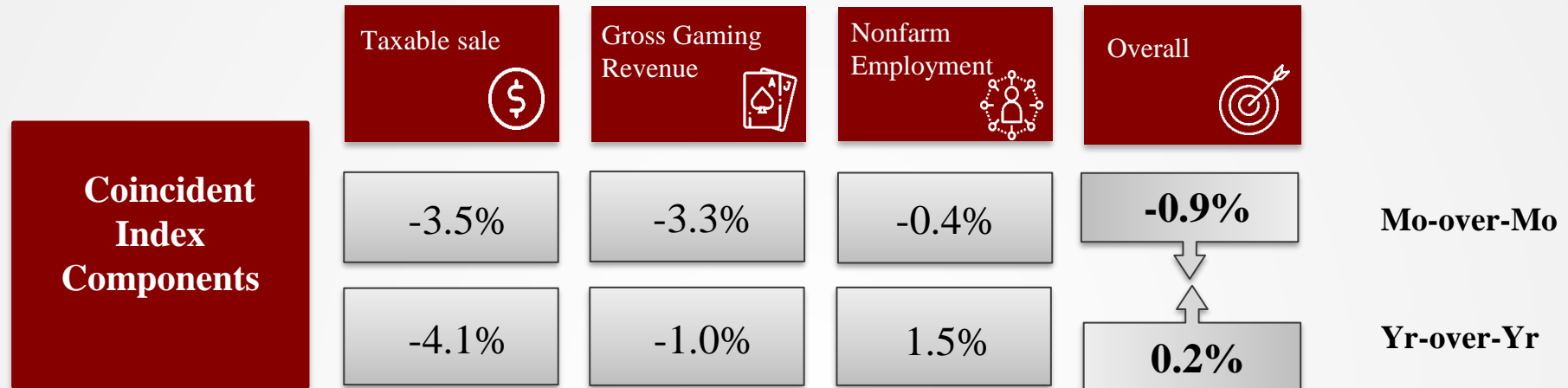
Tourism Index

- Harry Reid Passengers
- CC Gross Gaming Revenue
- LV Hotel/Motel Occupancy Rate

Construction Index

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

Summary of CBER's Southern Nevada Coincident and Leading Indexes in October 2024



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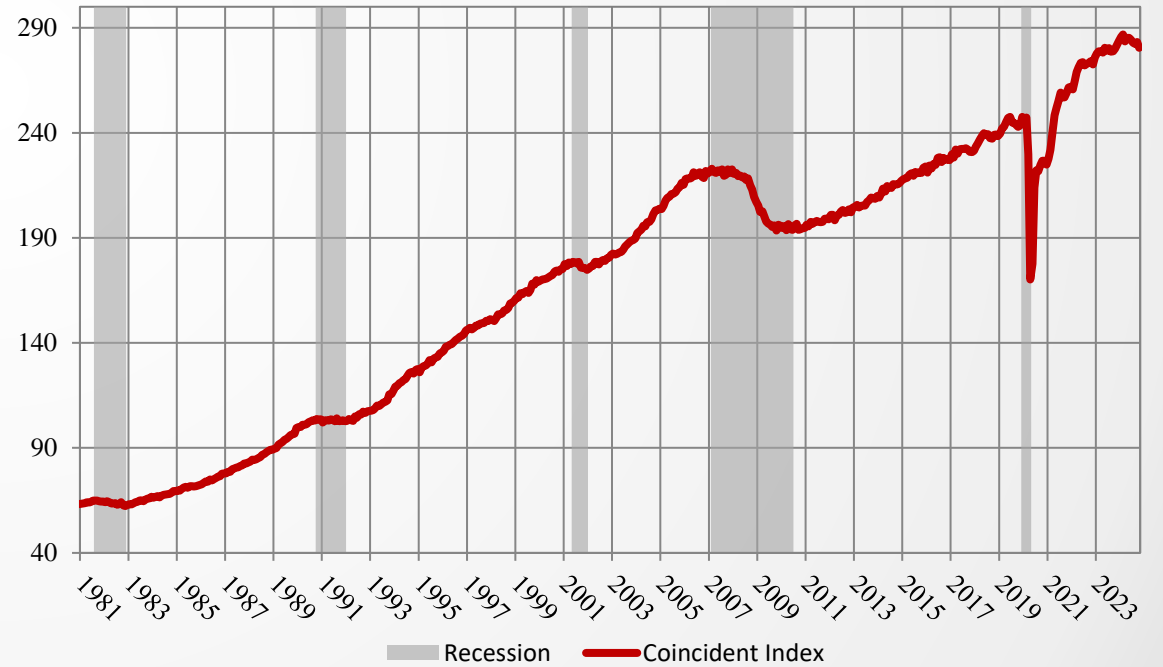
Southern Nevada Coincident Index in October 2024

The CBER Southern Nevada coincident index fell month-over-month and rose year-over-year.

The CBER Southern Nevada coincident index fell by 0.9 percent month-over-month in October. Since September 2024, taxable sales, gross gaming revenue, and nonfarm employment decreased by 3.5, 3.3, and 0.4 percent, respectively. The index's recent peak occurred in February 2024.

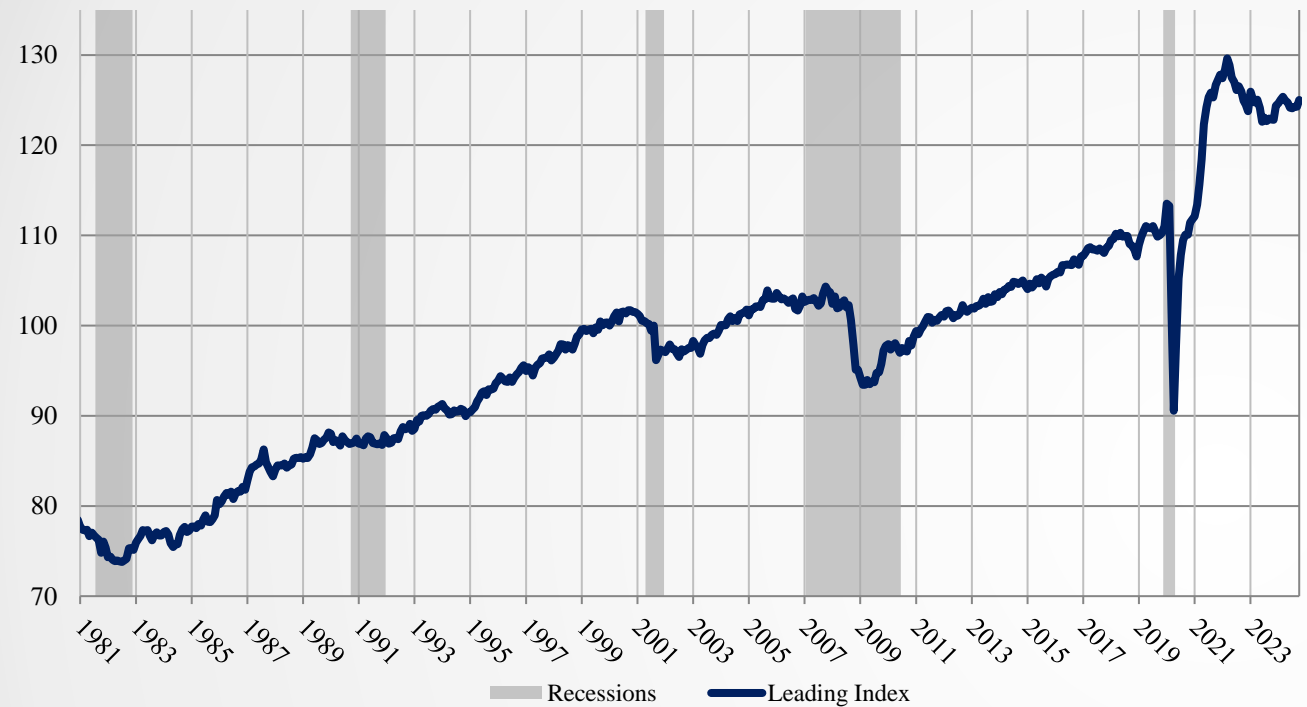
The CBER Southern Nevada coincident index posted a year-over-year gain of 0.2 percent. Taxable sales and gross gaming revenue fell by 4.1 and 1.0 percent, respectively, year-over-year. On the other hand, nonfarm employment had a year-over-year increase of 1.5 percent.

Series	Latest Value	Mo-over-Mo	Yr-over-Yr
Taxable Sales (SA)	5,250,635,780	-3.5%	-4.1%
Gross Gaming Revenue (SA)	1,099,648,846	-3.3%	-1.0%
Nonfarm Employment (SA)	1,143,563	-0.4%	1.5%
Index and % Change	280.5	-0.9%	0.2%



Southern Nevada Leading Index in October 2024

The CBER Southern Nevada leading index rose month-over-month and year-over-year.

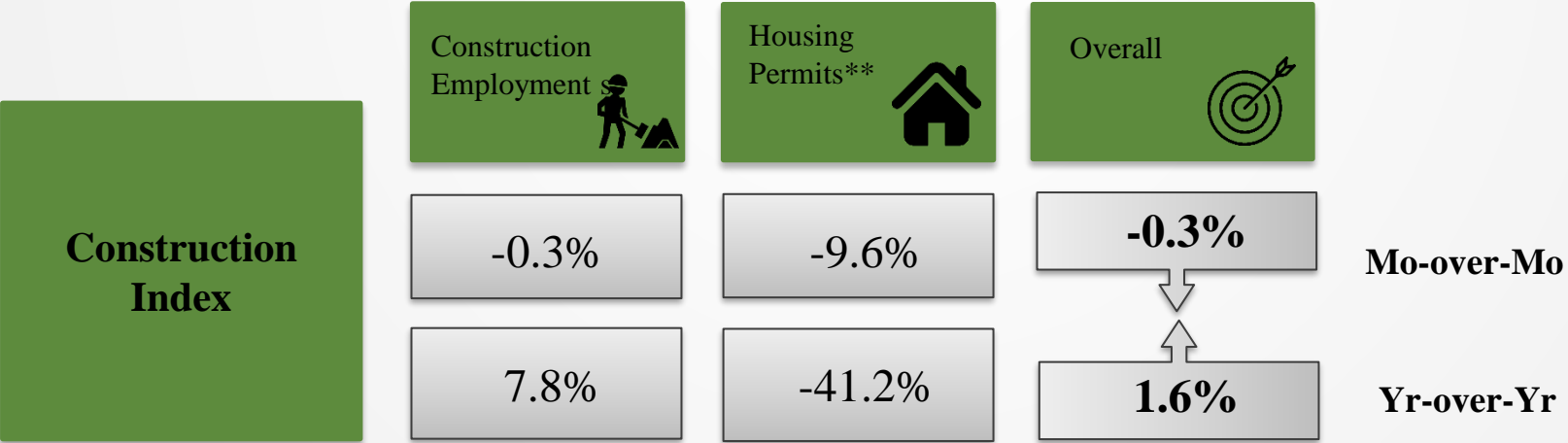
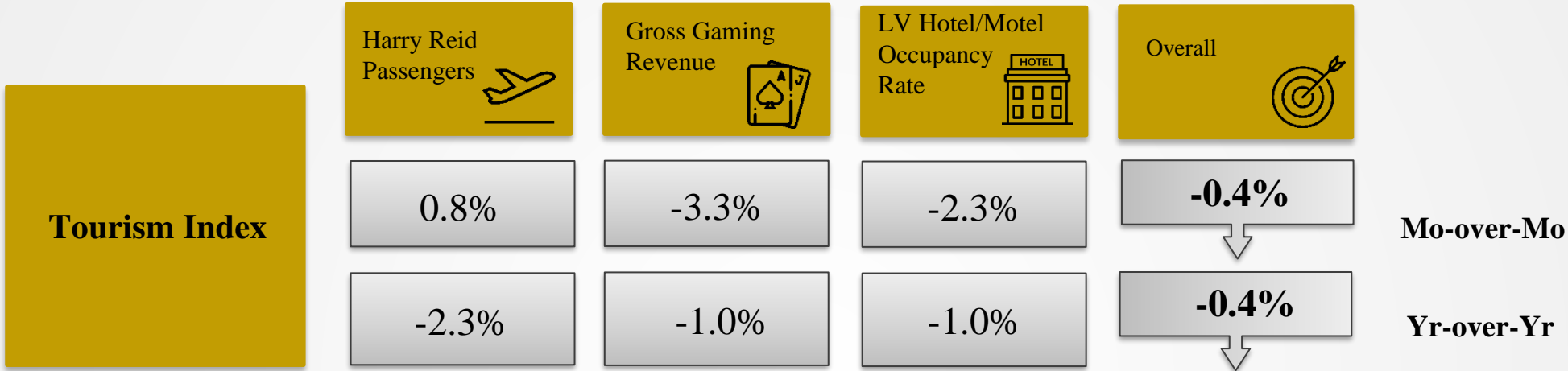


Date	Index	Month-over-Month	Year-over-Year
Oct-23	122.8	-0.1%	-1.7%
Nov-23	122.8	0.0%	-1.3%
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Jul-24	124.1	0.0%	0.8%
Aug-24	124.3	0.1%	1.3%
Sep-24	124.3	0.0%	1.1%
Oct-24	125.0	0.6%	1.8%

The CBER Southern Nevada leading index rose month-over-month by 0.6 percent. Initial claims for unemployment insurance (inverted) and the ten-year real Treasury yield (inverted), rose by 3.4 and 0.2 percent, respectively, since September 2024. Harry Reid airline passengers and the S&P 500 also experienced month-over-month increases of 0.8 and 5.4 percent, respectively. Housing permits, however, fell by 9.6 percent month-over-month.

On a yearly basis, the CBER Southern Nevada leading index rose by 1.8 percent. Three components—initial claims for unemployment insurance (inverted), housing permits, and Harry Reid airline passengers—fell by 6.2, 41.2, and 2.3 percent, respectively, from October 2023. Meanwhile, the ten-year real Treasury yield (inverted) and the S&P 500 increased by 0.1 and 36.0 percent, respectively. Although the leading index has fallen from its peak in March 2022, no strong signs of a recession exist in the coincident index, albeit it has drifted downward since the Super Bowl.

Summary of CBER's Southern Nevada Tourism and Construction Indexes in October 2024



* Inverted ** Data are partly forecasted as Clark County Service's permit reports have not been available since December 2017.
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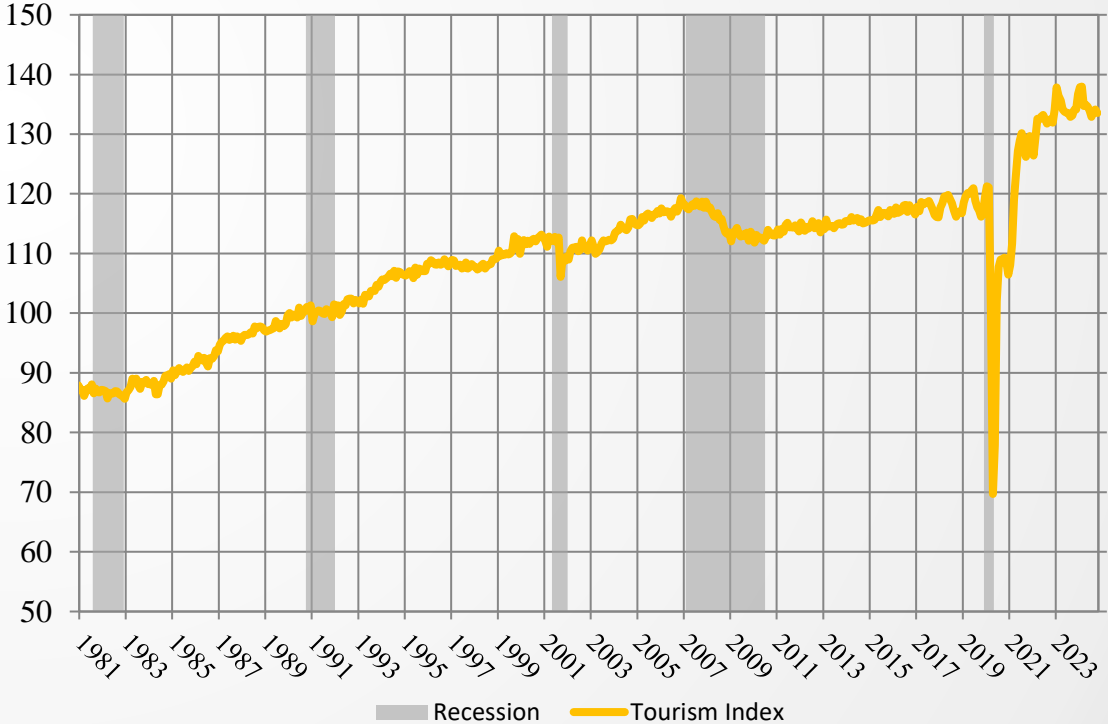
Southern Nevada Tourism Index in October 2024

The CBER Southern Nevada tourism index fell month-over-month and year-over-year.

The CBER Southern Nevada tourism index fell by 0.4 percent month-over-month in October. Gross gaming revenue and the Las Vegas hotel/motel occupancy rate decreased by 3.3 and 2.3 percent, respectively, since September 2024. Harry Reid airline passengers increased by 0.8 percent from the previous month. The index’s recent peak occurred in February 2024.

On an annual basis, the CBER Southern Nevada tourism index decreased by 0.4 percent. Harry Reid airline passengers, gross gaming revenue, and the Las Vegas hotel/motel occupancy rate fell by 2.3, 1.0, and 1.0 percent, respectively, from October 2023.

Series	Latest Value	Mo-over-Mo	Yr-over-Yr
Harry Reid Passengers (SA)	4,725,856	0.8%	-2.3%
Gross Gaming Revenue (SA)	1,099,648,846	-3.3%	-1.0%
LV Hotel/Motel Occupancy Rate (SA)	80.6%	-2.3%	-1.0%
Index and % Change	133.6	-0.4%	-0.4%



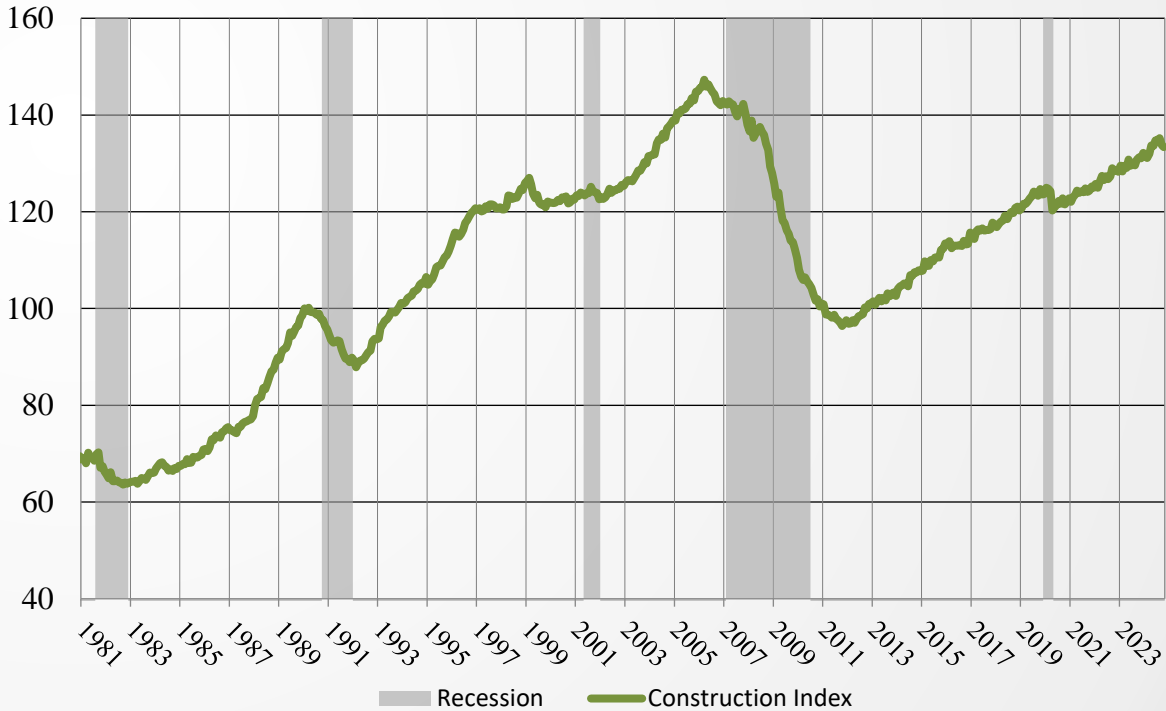
Southern Nevada Construction Index in October 2024

The CBER Southern Nevada construction index fell month-over-month and rose year-over-year.

The CBER Southern Nevada construction index fell by 0.3 percent from last month. On a monthly basis, construction employment and housing permits decreased by 0.3 and 9.6 percent, respectively.

On a year-over-year basis, the CBER Southern Nevada construction index increased by 1.6 percent. Construction employment increased by 7.8 percent from last year while housing permits declined by 41.2 percent over the same period.

Series	Latest Period	Mo-over-Mo	Yr-over-Yr
Construction Employment (SA)	89,235	-0.3%	7.8%
Housing Permits (SA)	801	-9.6%	-41.2%
Index and % Change	133.4	-0.3%	1.6%



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
- Harry Reid International Airport
- Federal Reserve Bank of St. Louis
- CBER, UNLV

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