



INDIANA
DEPARTMENT OF
WORKFORCE
DEVELOPMENT

Indiana's Employment and Labor Force Estimates November 2017

12/20/2017

Key Points

- **Indiana's unemployment rate decreased 0.2% to 3.7% in November 2017.**
The U.S. rate is 4.1%.
- Indiana's rate has decreased 0.4 percentage points over the year from November 2016.
- Indiana's Labor Force decreased 15,398; due to a decrease in residence employment of 9,882 and a decrease in unemployment of 5,516.
- Indiana's Labor Force has increased 2,181 over the year.
- Indiana's Labor Force Participation rate decreased .3% over the month and is currently 63.9%. This remains above the U.S. Labor Force Participation rate which stands at 62.7%.
- November total private employment is 13,700 above the November 2016 peak.

Key Points

- Indiana's total private employment decreased by 4,200 over the month and had gains of 13,700 over the year.
- Indiana private employment now stands at 2,690,600
- Construction had gains of 4,900
- Trade, Transportation & Utilities has losses of 2,900
- Leisure and Hospitality had losses of 2,500
- Manufacturing had losses of 1,200
- All Other had losses of 1,200
- Financial Activities had losses of 900

Employed persons (Current Population Survey)

Persons 16 years and over in the civilian noninstitutional population who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees; worked in their own business, profession, or on their own farm, or worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, childcare problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs. Each employed person is counted only once, even if he or she holds more than one job. Excluded are persons whose only activity consisted of work around their own house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and other organizations.

Unemployed persons (Current Population Survey)

Persons aged 16 years and older who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment sometime during the 4-week period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

Marginally attached workers (Current Population Survey)

Persons not in the labor force who want and are available for work, and who have looked for a job sometime in the prior 12 months (or since the end of their last job if they held one within the past 12 months), but were not counted as unemployed because they had not searched for work in the 4 weeks preceding the survey. Discouraged workers are a subset of the marginally attached.

Discouraged workers (Current Population Survey)

Persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but who are not currently looking because they believe there are no jobs available or there are none for which they would qualify.

Labor Force Terms & Concepts

Discouraged Workers

- Harder to define and sometimes undercounted
- Generally are on long-term layoff with no immediate prospects

Underemployed

- Also hard to define and count
- Basically can be anyone working below their skill level
- Might be underemployed by choice

Current Employment Statistics (CES) Compared to Local Area Unemployment Statistics (LAUS)

LAUS (Labor Force by Residence)

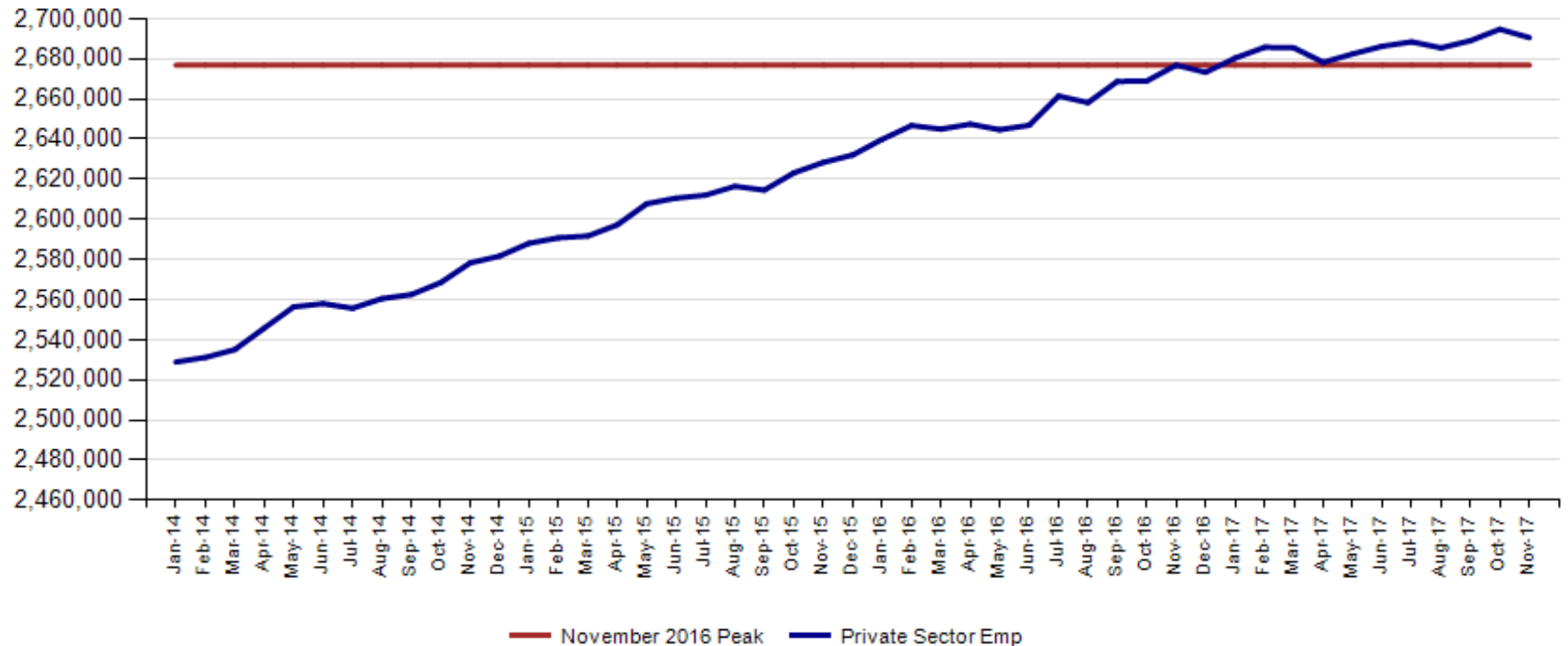
- An estimate of employment based on where the employee lives, rather than where they work
- This is a count of people not jobs
- Used in calculating the labor force

CES (Employment by Job)

- An estimate or count of employment based on the location of the job regardless of the worker's residence
- Also called nonag wage and salary or nonfarm employment
- This counts jobs, not people
- Used in Quarterly Census of Employment and Wages (QCEW) , Occupational Employment Statistics (OES) and CES data

November total private employment is 13,700 above the November 2016 peak.

Indiana Private Sector Employment





November 2017 Indiana private sector employment decreased by 4,200 jobs over the month and is up 13,700 over the year. Construction grew by 4,900 with losses in most other industries.

IN Employment Change Over the Month, Year-to-Date and Over the Year (seasonally adjusted)

| Industry | November 2016 | December 2016 | October 2017 | November 2017 | Month Change | Y-to-D Change | Y-to-Y Change |
|--|---------------|---------------|--------------|---------------|--------------|---------------|---------------|
| Private Educational & Health Services | 472.1 | 470.0 | 474.6 | 474.3 | -0.3 | 4.3 | 2.2 |
|Private Educational Services | 74.2 | 71.3 | 69.5 | 70.2 | 0.7 | -1.1 | -4.0 |
|Health Care & Social Assistance | 397.9 | 398.7 | 405.1 | 404.1 | -1.0 | 5.4 | 6.2 |
| Manufacturing | 524.6 | 526.9 | 531.7 | 530.5 | -1.2 | 3.6 | 5.9 |
| Professional & Business Services | 340.7 | 337.3 | 339.6 | 339.5 | -0.1 | 2.2 | -1.2 |
| Financial Activities | 134.9 | 134.8 | 140.6 | 139.7 | -0.9 | 4.9 | 4.8 |
| Construction | 129.1 | 128.8 | 134.3 | 139.2 | 4.9 | 10.4 | 10.1 |
| Leisure and Hospitality | 309.5 | 310.2 | 308.8 | 306.3 | -2.5 | -3.9 | -3.2 |
| Trade, Transportation & Utilities | 598.8 | 598.4 | 597.8 | 594.9 | -2.9 | -3.5 | -3.9 |
|Trade | 454.5 | 455.2 | 457.0 | 454.8 | -2.2 | -0.4 | 0.3 |
|Transportation, Warehousing & Utilities | 144.3 | 143.2 | 140.8 | 140.1 | -0.7 | -3.1 | -4.2 |
| All Other | 167.2 | 166.9 | 167.4 | 166.2 | -1.2 | -0.7 | -1.0 |
| Total Private | 2,676.9 | 2,673.3 | 2,694.8 | 2,690.6 | -4.2 | 17.3 | 13.7 |
| Government (Includes Public Schools & Hospitals) | 431.4 | 430.6 | 439.0 | 438.7 | -0.3 | 8.1 | 7.3 |
| Total Nonfarm | 3,108.3 | 3,103.9 | 3,133.8 | 3,129.3 | -4.5 | 25.4 | 21.0 |
| United States Total Private | 122,876.0 | 123,026.0 | 124,679.0 | 124,900.0 | 221.0 | 1,874.0 | 2,024.0 |



November 2017 estimates show Indiana has gained 367,400 in Private jobs since the July 2009 trough. Manufacturing has accounted for 103,600 of those jobs.

IN Statewide Estimates (seasonally adjusted) -- November 2017

| Supersector | Private Empl. Peak Nov 2016 | Private Empl. Trough July 2009 | October 2017 | November 2017 | Month to Month Change | Change Since Peak | Change Since Trough | % Month to Month Change |
|--|-----------------------------|--------------------------------|--------------|---------------|-----------------------|-------------------|---------------------|-------------------------|
| Private Educational & Health Services | 472.1 | 411.1 | 474.6 | 474.3 | -0.3 | 2.2 | 63.2 | -0.1% |
|Private Educational Services | 74.2 | 63.3 | 69.5 | 70.2 | 0.7 | -4.0 | 6.9 | 1.0% |
|Health Care & Social Assistance | 397.9 | 347.8 | 405.1 | 404.1 | -1.0 | 6.2 | 56.3 | -0.2% |
| Manufacturing | 524.6 | 426.9 | 531.7 | 530.5 | -1.2 | 5.9 | 103.6 | -0.2% |
| Professional & Business Services | 340.7 | 256.9 | 339.6 | 339.5 | -0.1 | -1.2 | 82.6 | 0.0% |
| Financial Activities | 134.9 | 130.7 | 140.6 | 139.7 | -0.9 | 4.8 | 9.0 | -0.6% |
| Construction | 129.1 | 116.5 | 134.3 | 139.2 | 4.9 | 10.1 | 22.7 | 3.6% |
| Leisure and Hospitality | 309.5 | 276.8 | 308.8 | 306.3 | -2.5 | -3.2 | 29.5 | -0.8% |
| Trade, Transportation & Utilities | 598.8 | 545.7 | 597.8 | 594.9 | -2.9 | -3.9 | 49.2 | -0.5% |
|Trade | 454.5 | 421.6 | 457.0 | 454.8 | -2.2 | 0.3 | 33.2 | -0.5% |
|Transportation, Warehousing & Utilities | 144.3 | 124.1 | 140.8 | 140.1 | -0.7 | -4.2 | 16.0 | -0.5% |
| All Other | 167.2 | 158.6 | 167.4 | 166.2 | -1.2 | -1.0 | 7.6 | -0.7% |
| Total Private | 2,676.9 | 2,323.2 | 2,694.8 | 2,690.6 | -4.2 | 13.7 | 367.4 | -0.2% |
| Government (Includes Public Schools & Hospitals) | 431.4 | 434.5 | 439.0 | 438.7 | -0.3 | 7.3 | 4.2 | -0.1% |
| Total Nonfarm | 3,108.3 | 2,757.7 | 3,133.8 | 3,129.3 | -4.5 | 21.0 | 371.6 | -0.1% |
| United States Total Private | 122,876.0 | 108,171.0 | 124,679.0 | 124,900.0 | 221.0 | 2,024.0 | 16,729.0 | 0.2% |



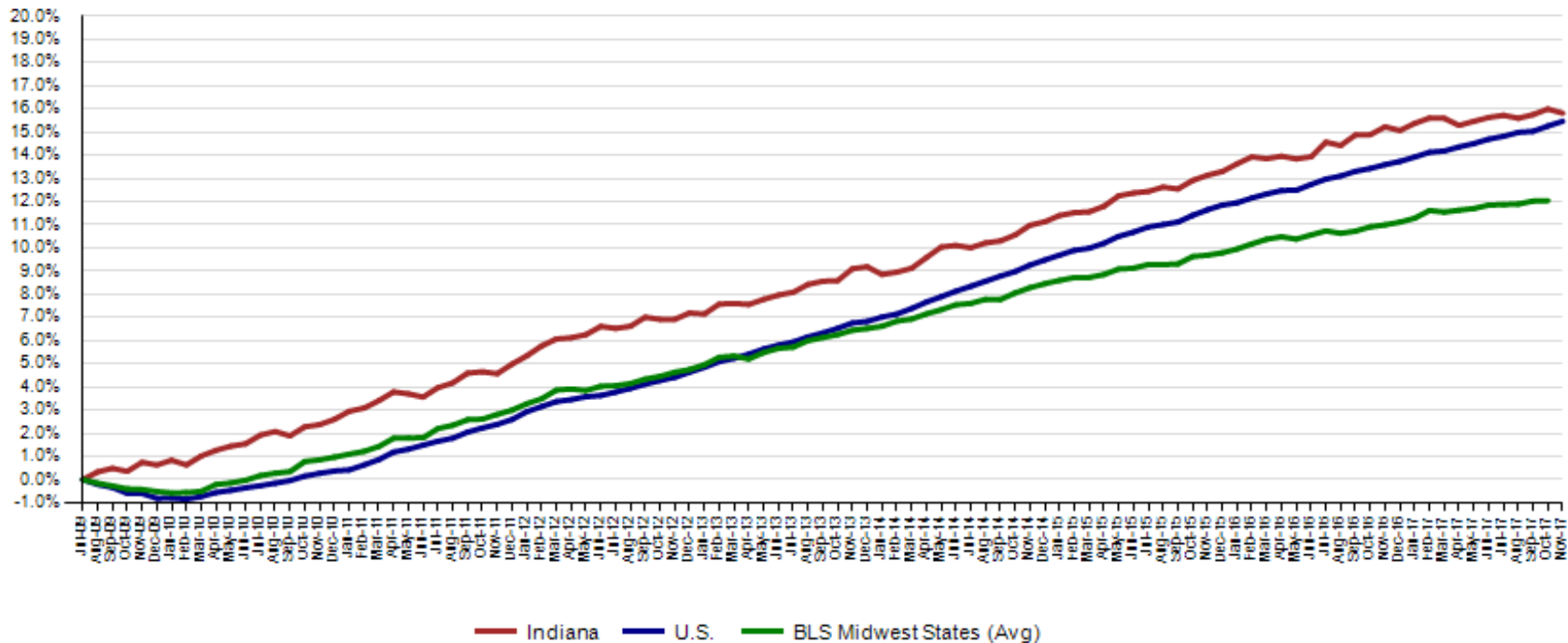
Indiana job growth over the month trailed the national trend in private sector gains in November. Indiana Construction is growing faster than the U.S. over the month and over the year.

IN Employment Change Compared to the U.S.

| Industry | Month to Month | | | Year-to-Date | | | Year-to-Year | | |
|--|----------------|------|-----------------|--------------|------|-----------------|--------------|------|-----------------|
| | Indiana | U.S. | Indiana vs U.S. | Indiana | U.S. | Indiana vs U.S. | Indiana | U.S. | Indiana vs U.S. |
| Private Educational & Health Services | -0.1% | 0.2% | UNDER | 0.9% | 1.8% | UNDER | 0.5% | 2.1% | UNDER |
|Private Educational Services | 1.0% | 0.4% | OVER | -1.5% | 2.0% | UNDER | -5.4% | 2.3% | UNDER |
|Health Care & Social Assistance | -0.2% | 0.2% | UNDER | 1.4% | 1.8% | UNDER | 1.6% | 2.0% | UNDER |
| Manufacturing | -0.2% | 0.2% | UNDER | 0.7% | 1.4% | UNDER | 1.1% | 1.5% | UNDER |
| Professional & Business Services | 0.0% | 0.2% | UNDER | 0.7% | 2.5% | UNDER | -0.4% | 2.7% | UNDER |
| Financial Activities | -0.6% | 0.1% | UNDER | 3.6% | 1.5% | OVER | 3.6% | 1.8% | OVER |
| Construction | 3.6% | 0.3% | OVER | 8.1% | 2.5% | OVER | 7.8% | 2.7% | OVER |
| Leisure and Hospitality | -0.8% | 0.1% | UNDER | -1.3% | 1.7% | UNDER | -1.0% | 1.8% | UNDER |
| Trade, Transportation & Utilities | -0.5% | 0.1% | UNDER | -0.6% | 0.4% | UNDER | -0.7% | 0.5% | UNDER |
|Trade | -0.5% | 0.1% | UNDER | -0.1% | 0.1% | UNDER | 0.1% | 0.2% | UNDER |
|Transportation, Warehousing & Utils | -0.5% | 0.2% | UNDER | -2.2% | 1.3% | UNDER | -2.9% | 1.5% | UNDER |
| All Other | -0.7% | 0.1% | UNDER | -0.4% | 1.1% | UNDER | -0.6% | 0.9% | UNDER |
| Total Private | -0.2% | 0.2% | UNDER | 0.6% | 1.5% | UNDER | 0.5% | 1.6% | UNDER |
| Government (Includes Public Schools & Hospitals) | -0.1% | 0.0% | UNDER | 1.9% | 0.2% | OVER | 1.7% | 0.2% | OVER |
| Total Nonfarm | -0.1% | 0.2% | UNDER | 0.8% | 1.3% | UNDER | 0.7% | 1.4% | UNDER |

Since the low point of employment in July 2009, private sector employment growth in Indiana has surpassed the U.S. (15.8% vs. 15.5%) through November 2017. BLS Region state growth was at 12% through October 2017.

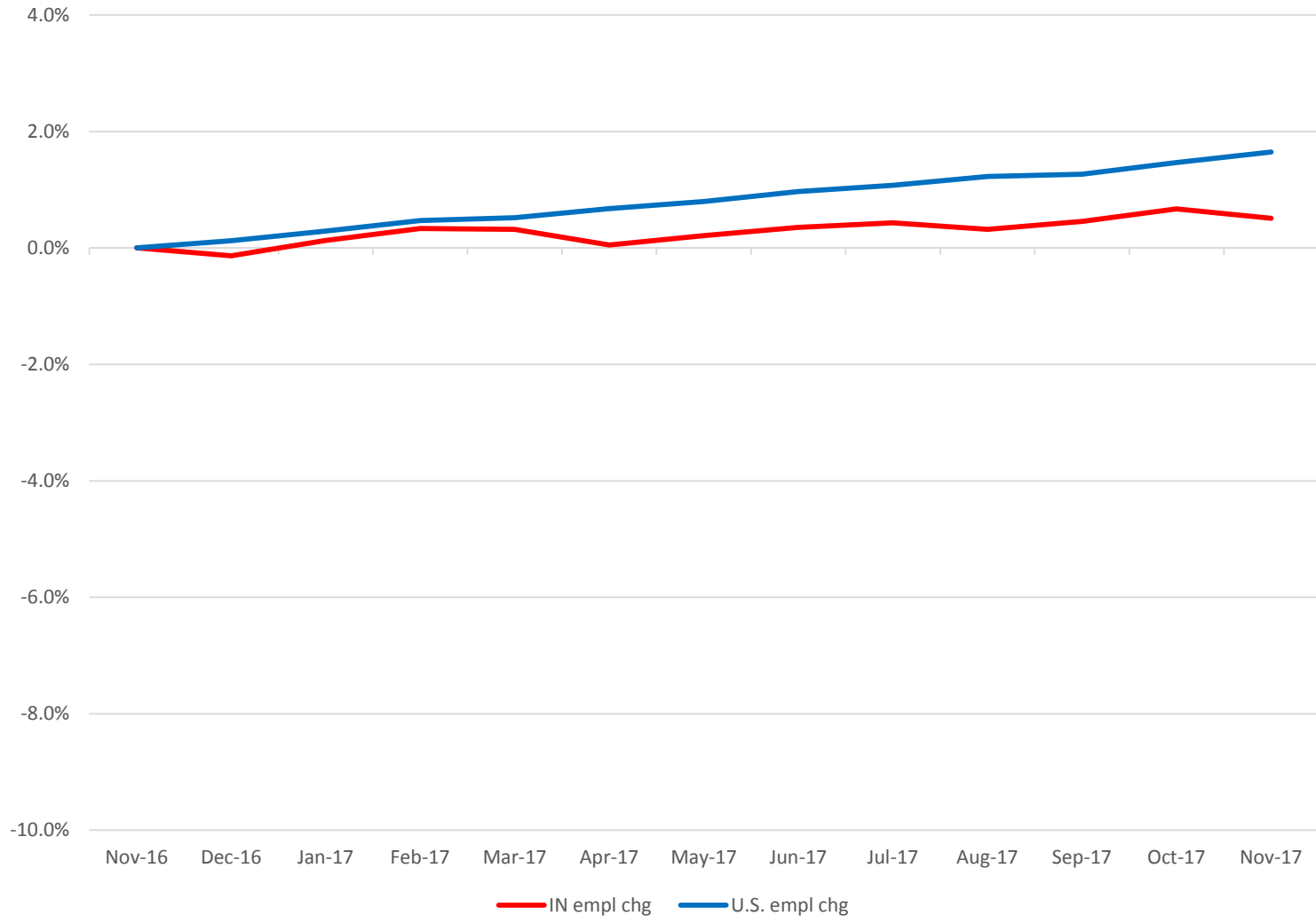
Private Sector Job Growth Since the Low Point of Employment in Indiana





Since Indiana's high point of employment (November 2016), private sector employment growth in Indiana has lagged the U.S. (0.5% growth vs. 1.6% nationally).

Private Sector Job Growth Since Peak of Employment in Indiana



CES October Total Non Farm preliminary estimates were revised up 3,800 jobs. Private employment was revised up by 3,200. The change from September to October is now an increase of 4,700 in Total Non-Farm and an increase of 5,700 in private employment.



| Revisions to October 2017 Estimates | | | | | | |
|---|--------|---------|---------|----------|--------------|------------------|
| INDUSTRY TITLE | Sep | Oct Pre | Oct Rev | Revision | Chg from Sep | Pre Chg from Sep |
| Total Nonfarm | 3129.1 | 3130.0 | 3133.8 | 3.8 | 4.7 | 0.9 |
| Total Private | 2689.1 | 2691.6 | 2694.8 | 3.2 | 5.7 | 2.5 |
| Goods Producing | 674.1 | 671.3 | 672.3 | 1.0 | -1.8 | -2.8 |
| Service-Providing | 2455 | 2458.7 | 2461.5 | 2.8 | 6.5 | 3.7 |
| Private Service Providing | 2015 | 2020.3 | 2022.5 | 2.2 | 7.5 | 5.3 |
| Construction | 136.1 | 133.7 | 134.3 | 0.6 | -1.8 | -2.4 |
| Manufacturing | 531.7 | 531.3 | 531.7 | 0.4 | 0.0 | -0.4 |
| Trade, Transportation, and Utilities | 594.5 | 596.6 | 597.8 | 1.2 | 3.3 | 2.1 |
| Wholesale Trade | 119.4 | 119.7 | 119.6 | -0.1 | 0.2 | 0.3 |
| Retail Trade | 335.0 | 335.9 | 337.4 | 1.5 | 2.4 | 0.9 |
| Transportation, Warehousing, and Utilities | 140.1 | 141.0 | 140.8 | -0.2 | 0.7 | 0.9 |
| Information | 30.0 | 30.5 | 30.5 | 0.0 | 0.5 | 0.5 |
| Financial Activities | 138.0 | 141.4 | 140.6 | -0.8 | 2.6 | 3.4 |
| Finance and Insurance | 103.9 | 105.1 | 105.0 | -0.1 | 1.1 | 1.2 |
| Real Estate and Rental and Leasing | 34.1 | 36.3 | 35.6 | -0.7 | 1.5 | 2.2 |
| Professional and Business Services | 340.4 | 337.4 | 339.6 | 2.2 | -0.8 | -3.0 |
| Professional, Scientific, and Technical Services | 116.9 | 118.4 | 118.4 | 0.0 | 1.5 | 1.5 |
| Management of Companies and Enterprises | 35.3 | 34.9 | 34.9 | 0.0 | -0.4 | -0.4 |
| Admin & Support & Waste Mgmt & Remediation Services | 188.2 | 184.1 | 186.3 | 2.2 | -1.9 | -4.1 |
| Education and Health Services | 474.0 | 474.6 | 474.6 | 0.0 | 0.6 | 0.6 |
| Educational Services | 71.5 | 70.4 | 69.5 | -0.9 | -2.0 | -1.1 |
| Health Care and Social Assistance | 402.5 | 404.2 | 405.1 | 0.9 | 2.6 | 1.7 |
| Leisure and Hospitality | 308.3 | 309.1 | 308.8 | -0.3 | 0.5 | 0.8 |
| Other Services | 129.8 | 130.7 | 130.6 | -0.1 | 0.8 | 0.9 |
| Government | 440.0 | 438.4 | 439.0 | 0.6 | -1.0 | -1.6 |

Unemployment Rate Estimates for Indiana and United States November 2017

(2016 Benchmarked Data)

Seasonally Adjusted Rates

| | Nov 2017 | Oct 2017 | Nov 2016 |
|----------------|---------------------|---------------------|---------------------|
| Indiana | 3.7 | 3.9 | 4.1 |
| US | 4.1 | 4.1 | 4.6 |

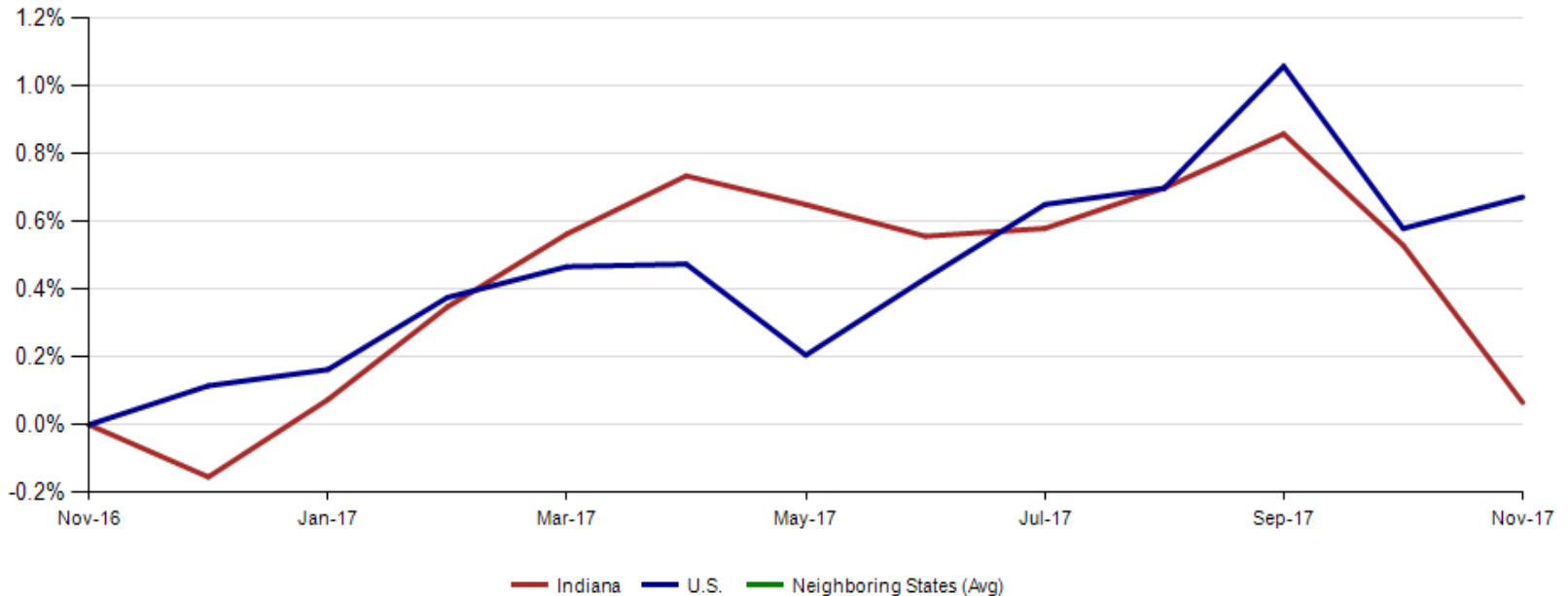
Non-Seasonally Adjusted Rates

| | Nov 2017 | Oct 2017 | Nov 2016 |
|----------------|---------------------|---------------------|---------------------|
| Indiana | 3.4 | 3.4 | 3.9 |
| US | 3.9 | 3.9 | 4.4 |



Indiana's November seasonally adjusted labor force is now at 3,315,489 down 15,398 from October. The number of employed is at 3,192,272 down 9,882 over the month. An estimated 123,217 individuals are currently unemployed and seeking employment.

Labor Force Change Since November 2016 Indiana Peak (seasonally adjusted)





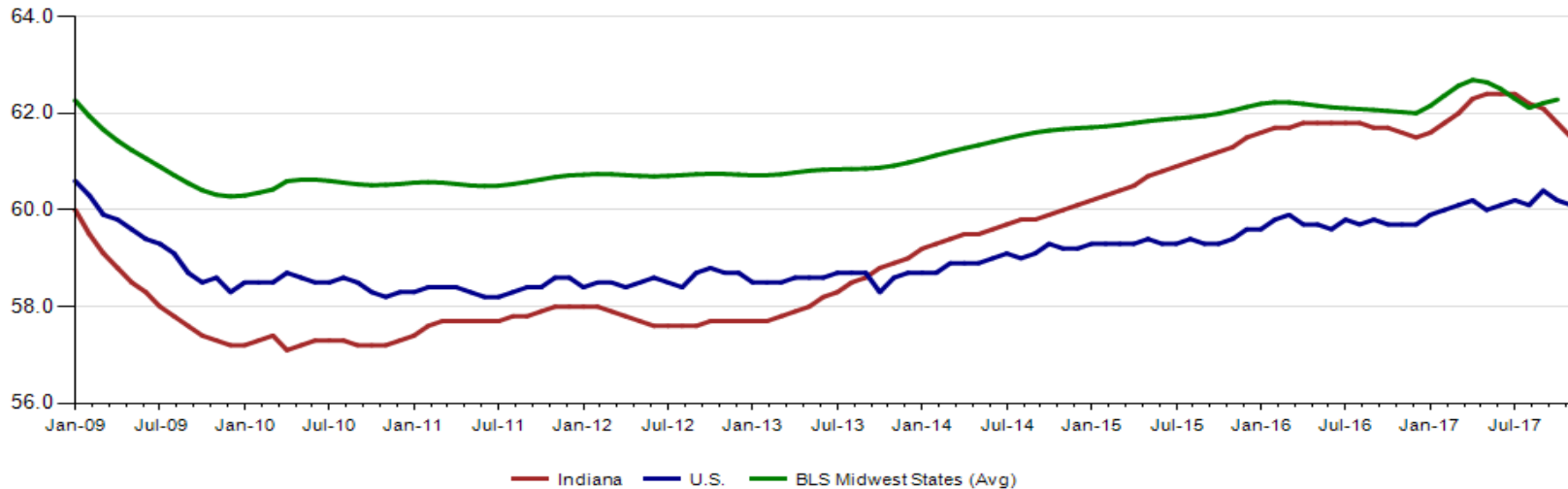
The November Indiana labor force participation rate decreased by .3 percentage points to 63.9% and the U.S. rate remains at 62.7%.

Labor Force Participation Rate



**Indiana's employment to population rate for November 2017 is 61.5%.
The November U.S. employment to population rate is 60.1%. The BLS
Midwest Regional states rate is 62.3% (October 2017).**

Employment to Population Ratio (seasonally adjusted)





Alternative Measures of Labor Underutilization 4th Quarter of 2016 through 3rd Quarter of 2017 Averages

| State | U-1 | U-2 | U-3 | U-4 | U-5 | U-6 |
|---------------|-----|-----|-----|-----|-----|-----|
| ILLINOIS | 2.3 | 2.9 | 5.0 | 5.4 | 6.1 | 9.5 |
| INDIANA | 1.0 | 1.9 | 3.7 | 4.0 | 4.4 | 6.9 |
| KENTUCKY | 2.1 | 2.8 | 5.3 | 5.7 | 6.3 | 9.4 |
| MICHIGAN | 1.5 | 2.3 | 4.8 | 5.1 | 5.8 | 9.6 |
| OHIO | 2.1 | 2.4 | 5.1 | 5.3 | 6.0 | 9.3 |
| UNITED STATES | 1.8 | 2.2 | 4.5 | 4.8 | 5.5 | 8.9 |

The six state measures are based on the same definitions as those published for the U.S.:

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force;
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force;
- U-3, total unemployed, as a percent of the civilian labor force (this is the definition used for the official unemployment rate);
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers;
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers, as a percent of the civilian labor force plus all marginally attached workers; and
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers.



Midwest Comparison Rates: Seasonally Adjusted Over the Year and Over the Month (confidential and preliminary)

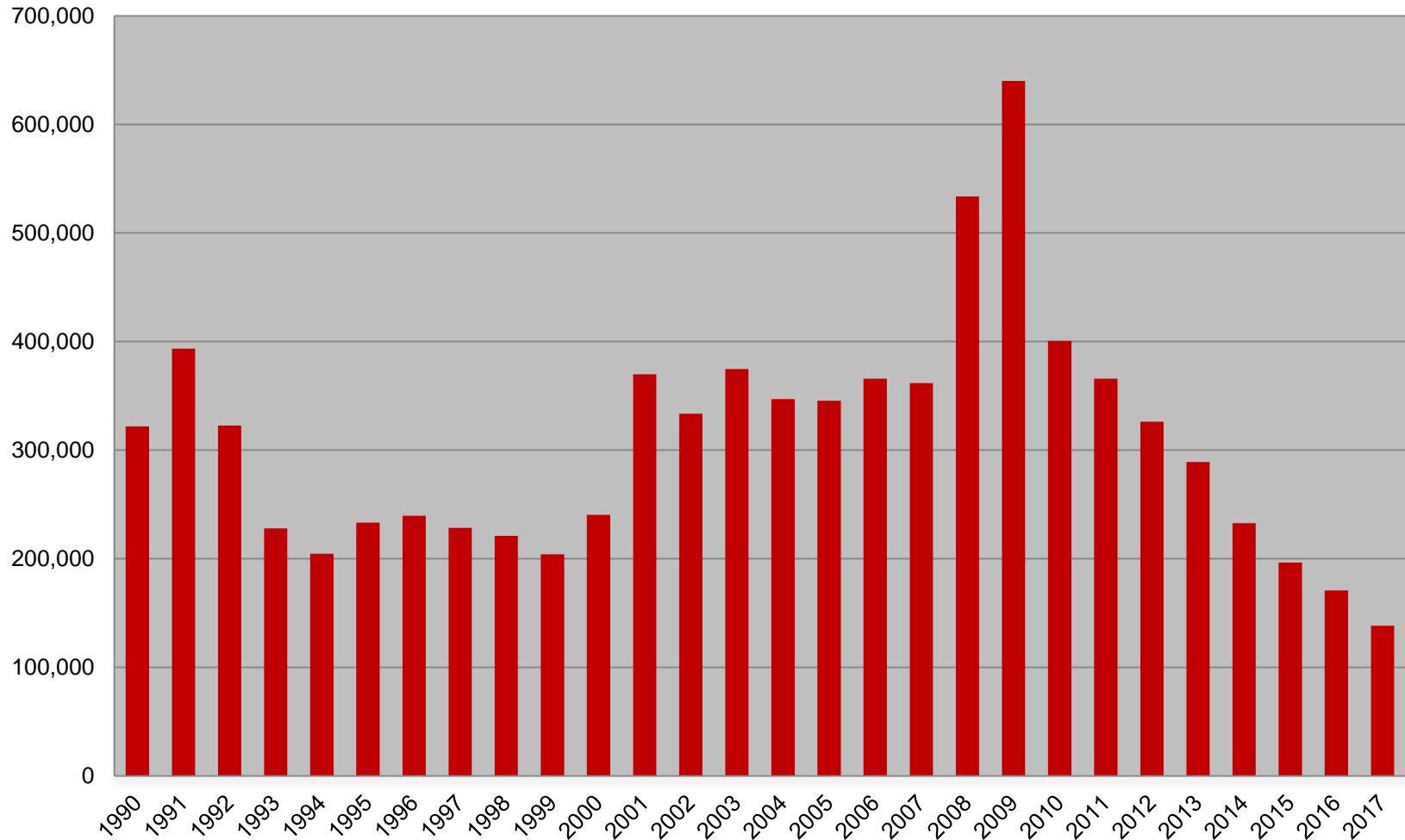
| | November 2016 | October 2017 | November 2017 | Monthly change | Yearly change |
|-----------|----------------------|---------------------|----------------------|-----------------------|----------------------|
| Indiana | 4.1% | 3.9% | 3.7% | -0.2% | -0.4% |
| U.S. | 4.6% | 4.1% | 4.1% | 0.0% | -0.5% |
| Illinois | 5.8% | 4.9% | 4.9% | 0.0% | -0.9% |
| Kentucky | 4.9% | 5.0% | 4.7% | -0.3% | -0.2% |
| Michigan | 5.1% | 4.5% | 4.6% | 0.1% | -0.5% |
| Minnesota | 4.0% | 3.4% | 3.1% | -0.3% | -0.9% |
| Ohio | 5.0% | 5.1% | 4.8% | -0.3% | -0.2% |
| Wisconsin | 4.1% | 3.4% | 3.2% | -0.2% | -0.9% |

*2016 Benchmark



Weekly Initial Claims – Week 49

Total aggregated UI claims for the first 49 weeks of each year as reported to ETA.





Regular UI Claims – Reference Week (12th of the month) Input to LAUS Unemployment Rate Model Declines Over the Month and Over the Year

Without earnings – Reference week claims

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | OTM Change | OTY Change |
|-----------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------------|---------------|
| JANUARY | 65,898 | 71,296 | 75,294 | 150,888 | 105,910 | 84,706 | 71,042 | 63,223 | 49,377 | 41,333 | 36,555 | 33,137 | 8,538 | (3,418) |
| FEBRUARY | 67,347 | 75,432 | 78,068 | 154,388 | 103,432 | 80,852 | 69,570 | 60,183 | 52,316 | 39,282 | 36,909 | 32,463 | (674) | (4,446) |
| MARCH | 59,716 | 64,936 | 74,759 | 157,257 | 93,469 | 71,696 | 60,752 | 54,578 | 45,928 | 35,755 | 32,439 | 32,141 | (322) | (298) |
| APRIL | 48,103 | 53,325 | 64,948 | 143,842 | 74,481 | 59,036 | 51,652 | 48,548 | 39,717 | 25,597 | 23,895 | 21,998 | (10,143) | (1,897) |
| MAY | 46,779 | 46,002 | 55,480 | 141,174 | 66,779 | 54,680 | 46,328 | 42,997 | 32,460 | 22,807 | 22,300 | 19,431 | (2,567) | (2,869) |
| JUNE | 45,533 | 46,350 | 57,228 | 136,670 | 67,996 | 55,021 | 46,820 | 41,722 | 29,524 | 22,030 | 22,025 | 16,722 | (2,709) | (5,303) |
| JULY | 53,424 | 51,141 | 72,032 | 121,336 | 69,447 | 58,031 | 47,268 | 44,597 | 30,845 | 22,341 | 22,326 | 15,775 | (947) | (6,551) |
| AUGUST | 45,021 | 43,887 | 61,985 | 103,509 | 62,976 | 51,710 | 42,134 | 39,998 | 26,061 | 21,472 | 20,737 | 15,692 | (83) | (5,045) |
| SEPTEMBER | 41,247 | 42,500 | 61,548 | 92,680 | 58,280 | 46,824 | 41,955 | 39,563 | 23,685 | 20,941 | 19,372 | 14,334 | (1,358) | (5,038) |
| OCTOBER | 42,487 | 42,313 | 67,306 | 86,275 | 58,317 | 46,909 | 39,467 | 37,778 | 23,768 | 19,917 | 19,143 | 14,266 | (68) | (4,877) |
| NOVEMBER | 43,868 | 45,362 | 81,466 | 82,451 | 58,846 | 51,201 | 41,018 | 38,517 | 25,315 | 21,199 | 19,547 | 14,203 | (63) | (5,344) |
| DECEMBER | 53,566 | 54,201 | 109,651 | 91,814 | 65,279 | 55,104 | 46,371 | 42,484 | 30,982 | 26,249 | 24,599 | | | |

November 2017 average weekly hours for Indiana manufacturing production decreased by 0.1 hours to 42.2. Indiana is now behind of the national manufacturing weekly hours of 42.3. BLS Region states were at 42.2 hours (October data).

Avg. Weekly Manufacturing Production Hours (non seasonally adjusted)

