Key Labor Market and Economic Metrics

February Update

Incorporates Data Available on February 28, 2015

Please Note:

The February 2015 edition of the Key Labor Market and Economic Metrics has been partially updated with available economic metrics.

For the indicators below, January 2015 data and revised estimates for prior years will not be available until March. This is due to the annual revision process conducted by all states in cooperation with the U.S. Bureau of Labor Statistics.

The following metrics will be updated on March 18th:

- State Unemployment Rate
- State Labor Force Participation Rate
- Labor Force
- Household Employment
- Payroll Jobs (Private, Government, and Total)
- Michigan's Share of US Payroll Jobs
- Average Hourly Earnings and Weekly Hours (Manufacturing)
- Payroll Jobs (each industry)

This reference is the result of a collaboration between the Bureau of Labor Market Information and Strategic Initiatives and the Treasury's Office of Revenue and Tax Analysis. For more information on this publication or the data presented, please contact the Bureau of Labor Market Information and Strategic Initiatives at (517) 335-5267 or the Office of Revenue and Tax Analysis at (517) 373-2697.

SUMMARY OF KEY LABOR MARKET AND ECONOMIC METRICS

| | | | | | | | | | Rankings: Annual 1990 to 2014 | | | | | | |
|--|-----------|-------------|-------------|-------------|-----------|--------------|----------|----------|-------------------------------|------|-----------|-------|-----------|-------|------|
| | Latest | Chg From | Chg From | Chg From | Chg From | U.S. Current | Worst | Best | 2014 | Best | Best | Worst | Worst | Best | |
| Metrics | Level | Prev. Mnth | Yr. Ago | Dec-10 | Jul-09 | Average | State | State | Rank | Rank | Date | Rank | Date | Since | Date |
| MI Unemployment Rate | 6.3% | -0.4 | -2.0 | -5.0 | -7.8 | 5.6% | 7.2% | 2.8% | NA | 18 | 1997 | 50 | 2006-2009 | | |
| MI Labor Force Participation Rate | 60.2% | 0.0 | 0.3 | -0.5 | -2.3 | 62.7% | 52.8% | 71.6% | NA | 22 | 2000 | 43 | 2011-2012 | 40 | 2009 |
| MI Labor Underutilization (U-6) | 13.9% | -0.3 / Qtr. | -1.4 / Qtr. | -7.1 / Qtr. | -7 / Qtr. | 12.5% | 16.2% | 5.5% | 46 | 44 | 2013 | 50 | 2005-2009 | | |
| Initial Claims for U.I. Benefits | 10,567 | -140 | -1,607 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Online Job Ads | 172,096 | 1,583 | 31,714 | 77,862 | 105,982 | NA | NA | NA | NA | NA | NA | NA | NA | | |
| MI Payroll Jobs | 4,170,400 | 4,700 | 44,400 | 278,600 | 340,100 | NA | NA | NA | NA | 8 | Several | 11 | 2009 | | |
| MI Private Payroll Jobs | 3,575,200 | 3,800 | 49,400 | 308,800 | 388,600 | NA | NA | NA | NA | 8 | Several | 9 | 2009 | | |
| MI Government Jobs | 595,200 | 900 | -5,000 | -30,200 | -48,500 | NA | NA | NA | NA | 8 | 1990-2005 | 12 | 2009-2013 | | |
| MI Avg. Hourly Earnings(1) | \$20.48 | \$0.04 | \$0.65 | NA | NA | \$19.70 | NA | NA | NA | NA | | | | | |
| U.S. Retail Sales (\$ billions) | \$440.0 | -0.8% | 3.3% | 18.4% | 28.6% | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| U.S. Light Vehicle Sales (mill.) | 16.6 | -0.2 | 1.4 | 4.2 | 5.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MI Motor Vehicle Production | 175,217 | 1,319 | (38,206) | 72,318 | 108,289 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MI Building Permits for Housing Starts | 16,012 | (132) | 759 | 6,972 | 8,284 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Home Price Index, Detroit(2) | 97.27 | 1.2% | 2.8% | 43.6% | 40.4% | 189.01 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MI Per Capita Personal Income | \$39,055 | NA | 1.2% | NA | NA | \$44,765 | \$33,913 | \$60,658 | 35 | 17 | 1999 | 38 | 2008,09 | 35 | 2011 |
| MI Population | 9,910,000 | NA | 0.1% | NA | NA | NA | NA | NA | 10 | 8 | 1990-2011 | 10 | 2014 | | |
| MI GDP as % of U.S. GDP | 2.59% | NA | 0.01% | NA | NA | NA | 0.18% | 13.19% | 13 | 9 | 1990-2005 | 13 | 2009-2012 | | |
| MI Real GDP Per Capita | \$41,252 | NA | 1.9% | NA | NA | \$49,115 | \$32,421 | \$70,113 | 38 | 20 | 1997,99 | 42 | 2009 | 37 | 2007 |

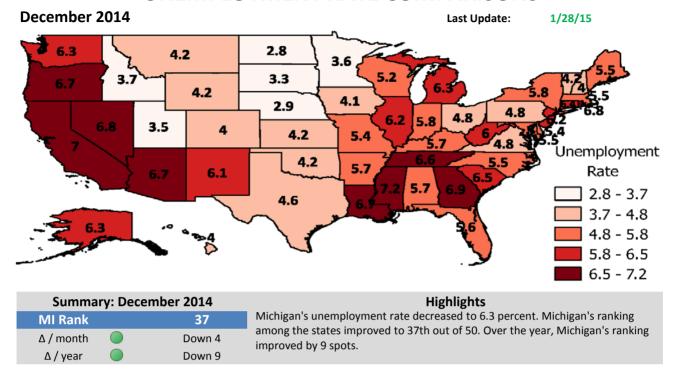
⁽¹⁾ Production Workers, Manufacturing

⁽²⁾ For Index, CY 2000 = 100

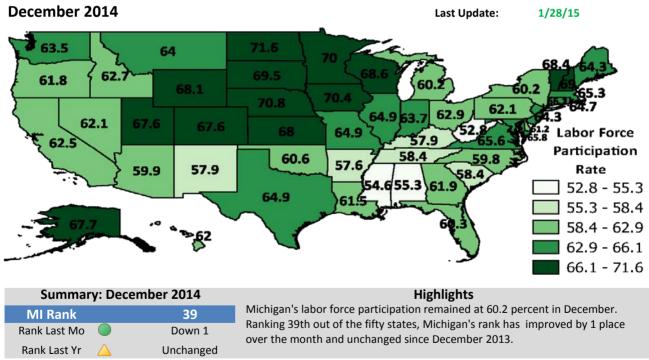
TABLE OF METRICS

| Jnemployment Rate Comparisons | <u>2</u> |
|---|--------------|
| abor Force Participation Comparisons | <u>2</u> |
| Jnemployment Rate | <u>3-4</u> |
| abor Force Participation Rate | <u>5</u> |
| Measure of Labor Underutilization (U-6) | <u>6</u> |
| nitial Claims for Unemployment Benefits | <u>7</u> |
| Online Job Advertisements v. Payroll Jobs | <u>8</u> |
| abor Force | <u>9</u> |
| Household Employment | <u>10</u> |
| Payroll Jobs | <u>11-12</u> |
| Michigan's Share of U.S. Payroll Jobs | <u>13</u> |
| Private Sector Payroll Jobs | <u>14-15</u> |
| Government Payroll Jobs | <u>16-18</u> |
| Average Hourly Earnings: Manufacturing | <u>19</u> |
| Average Weekly Hours: Manufacturing | <u>20</u> |
| Payroll Jobs: Trade, Transportation, and Utilities | <u>21</u> |
| Payroll Jobs: Private Education and Health Services | <u>22</u> |
| Payroll Jobs: Professional and Business Services | <u>23</u> |
| Payroll Jobs: Manufacturing | <u>24</u> |
| Payroll Jobs: Leisure and Hospitality | <u>25</u> |
| Payroll Jobs: Financial Activities | <u> 26</u> |
| Payroll Jobs: Other Services | <u>27</u> |
| Payroll Jobs: Construction | <u>28</u> |
| Payroll Jobs: Information | <u>29</u> |
| Payroll Jobs: Mining & Logging | <u>30</u> |
| Covered Employment | <u>31</u> |
| Private Sector Gross Job Gains & Losses | <u>32</u> |
| J.S. Light Vehicle Sales | <u>33</u> |
| J.S. Retail Sales | <u>34</u> |
| <u> Dil Prices</u> | <u>35</u> |
| Natural Gas Prices | <u>36</u> |
| J.S. Housing Starts | <u>37</u> |
| Michigan Building Permits | <u>38</u> |
| Michigan Motor Vehicle Production | <u>39</u> |
| Detroit Home Prices (Case-Shiller Index) | <u>40</u> |
| Michigan Population | <u>41</u> |
| Michigan Population Age 25-34 | <u>42</u> |
| Per Capita Personal Income | <u>43</u> |
| Michigan GDP as a % of U.S. GDP | <u>44</u> |
| Michigan Per Capita Real GDP | <u>45</u> |

UNEMPLOYMENT RATE COMPARISONS



LABOR FORCE PARTICIPATION RATE COMPARISONS

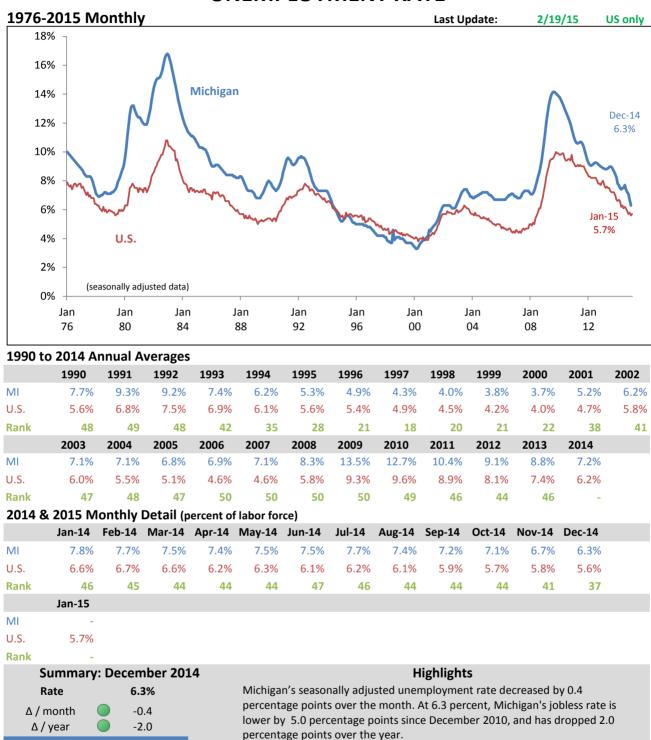


Source: Bureau of Labor Market Information, Current Population Survey (CPS)

MI Rank

37

UNEMPLOYMENT RATE

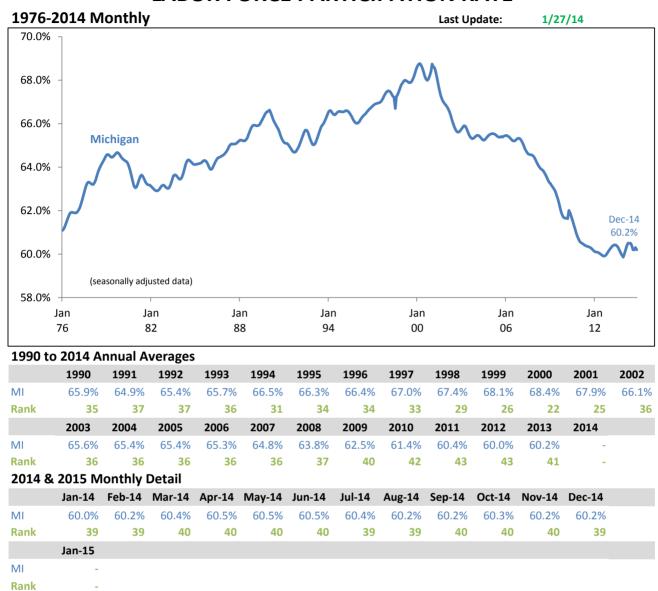


UNEMPLOYMENT RATE (Historical)

| | Jan-05 | Feb-05 | Mar-05 | Apr-05 | May-05 | Jun-05 | Jul-05 | Aug-05 | Sep-05 | Oct-05 | Nov-05 | Dec-05 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MI | 7.2% | 7.1% | 7.0% | 7.0% | 6.9% | 6.8% | 6.7% | 6.7% | 6.7% | 6.7% | 6.7% | 6.7% |
| U.S. | 5.3% | 5.4% | 5.2% | 5.2% | 5.1% | 5.0% | 5.0% | 4.9% | 5.0% | 5.0% | 5.0% | 4.9% |
| | | | | | | | | | | | | |
| | Jan-06 | Feb-06 | Mar-06 | Apr-06 | May-06 | Jun-06 | Jul-06 | Aug-06 | Sep-06 | Oct-06 | Nov-06 | Dec-06 |
| MI | 6.7% | 6.7% | 6.7% | 6.7% | 6.8% | 6.9% | 7.0% | 7.0% | 7.1% | 7.1% | 7.0% | 6.9% |
| U.S. | 4.7% | 4.8% | 4.7% | 4.7% | 4.6% | 4.6% | 4.7% | 4.7% | 4.5% | 4.4% | 4.5% | 4.4% |
| | | | | | | | | | | | | |
| | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 | Nov-07 | Dec-07 |
| MI | 6.9% | 6.8% | 6.8% | 6.8% | 6.9% | 7.1% | 7.2% | 7.3% | 7.3% | 7.3% | 7.3% | 7.2% |
| U.S. | 4.6% | 4.5% | 4.4% | 4.5% | 4.4% | 4.6% | 4.7% | 4.6% | 4.7% | 4.7% | 4.7% | 5.0% |
| | | | | | | | | | | | | |
| | Jan-08 | Feb-08 | Mar-08 | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 |
| MI | 7.1% | 7.1% | 7.1% | 7.3% | 7.6% | 7.9% | 8.2% | 8.5% | 8.9% | 9.4% | 9.9% | 10.6% |
| U.S. | 5.0% | 4.9% | 5.1% | 5.0% | 5.4% | 5.6% | 5.8% | 6.1% | 6.1% | 6.5% | 6.8% | 7.3% |
| | | | | | | | | | | | | |
| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 |
| MI | 11.4% | 12.1% | 12.7% | 13.2% | 13.6% | 13.9% | 14.1% | 14.2% | 14.1% | 14.1% | 14.0% | 13.9% |
| U.S. | 7.8% | 8.3% | 8.7% | 9.0% | 9.4% | 9.5% | 9.5% | 9.6% | 9.8% | 10.0% | 9.9% | 9.9% |
| | | | | | | | | | | | | |
| | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 |
| MI | 13.8% | 13.6% | 13.4% | 13.2% | 13.0% | 12.8% | 12.6% | 12.4% | 12.2% | 11.9% | 11.6% | 11.3% |
| U.S. | 9.8% | 9.8% | 9.9% | 9.9% | 9.6% | 9.4% | 9.4% | 9.5% | 9.5% | 9.4% | 9.8% | 9.3% |
| | | | | | | | | | | | | |
| | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 |
| MI | 11.0% | 10.8% | 10.6% | 10.6% | 10.6% | 10.7% | 10.7% | 10.6% | 10.3% | 10.0% | 9.7% | 9.4% |
| U.S. | 9.2% | 9.0% | 9.0% | 9.1% | 9.0% | 9.1% | 9.0% | 9.0% | 9.0% | 8.8% | 8.6% | 8.5% |
| | | | | | | | | | | | | |
| | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
| MI | 9.2% | 9.1% | 9.0% | 9.1% | 9.2% | 9.2% | 9.3% | 9.2% | 9.1% | 9.1% | 9.0% | 8.9% |
| U.S. | 8.3% | 8.3% | 8.2% | 8.2% | 8.2% | 8.2% | 8.2% | 8.0% | 7.8% | 7.8% | 7.7% | 7.9% |
| | | | | | | | | | | | | |
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI | 8.9% | 8.8% | 8.8% | 8.8% | 8.9% | 8.9% | 9.0% | 9.0% | 8.8% | 8.6% | 8.5% | 8.3% |
| U.S. | 8.0% | 7.7% | 7.5% | 7.6% | 7.5% | 7.5% | 7.3% | 7.2% | 7.2% | 7.2% | 7.0% | 6.7% |
| | | | | | | | | | | | | |

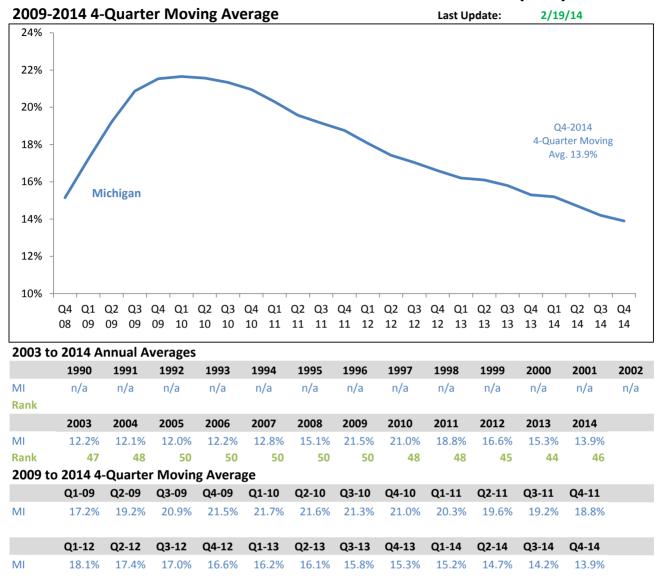
| Change from July 2009 | -7.8 | Percentage Points |
|---------------------------|------|-------------------|
| Change from December 2010 | -5.0 | Percentage Points |

LABOR FORCE PARTICIPATION RATE



| Summary: December 2 | 014 Highlights |
|---|---|
| Rate 60.2% \triangle / month \triangle 0.0 \triangle / year \triangle 0.3 | The labor force participation rate is a measure of the labor force as a percent of the 16+ civilian non institutional population. During the latter half of the twentieth century, the labor force participation rate increased dramatically, largely driven by an increasing number of women joining the labor force. Since 2001, the rate has steadily declined, exacerbated by the 2001 and 2008 recessions. The labor force participation rate in Michigan remained unchanged |
| MI Rank 39 | over the month. |

MEASURE OF LABOR UNDERUTILIZATION (U-6)



| Summary: 2014 Q4 | Highlights |
|---------------------------------------|---|
| 4-Qtr Mov. Avg. 13.9% Δ / Qtr. | The U-6 is an alternative measure of labor underutilization. The U-6 includes the total unemployed, plus all marginally attached workers (individuals who have given-up looking for work), plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers. By definition, the U-6 is higher than the U-3, the official unemployment rate. In Michigan, the U-6 measured 13.9 percent for the twelve month period ending fourth quarter 2014, the |
| MI Rank 46 | lowest rate since before the beginning of the Great Recession. The U-6 for the U.S. is |
| | 12.0 percent. |

Source: Bureau of Labor Market Information, Current Population Survey (CPS)

INITIAL CLAIMS FOR UNEMPLOYMENT BENEFITS

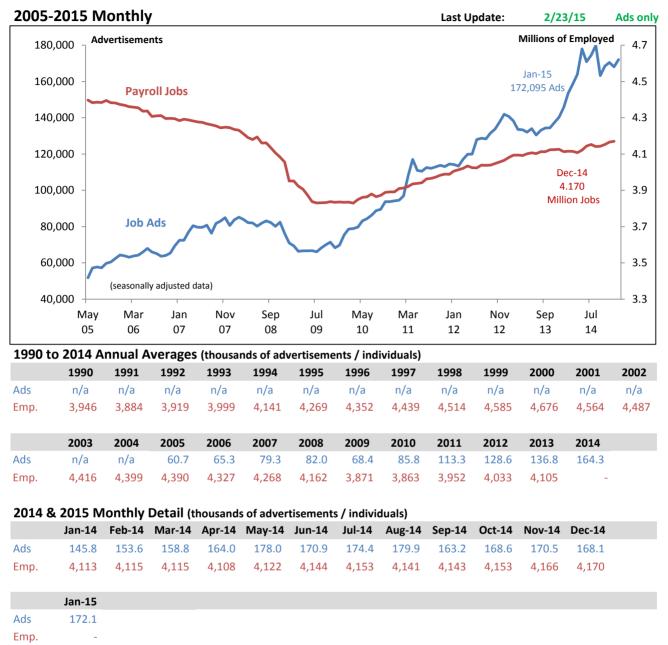
1988-2015 Moving Average (52 Weeks) Last Update: Michigan - Thousands of Claimants 52-Wk Average: 10,567 Claimants Michigan (not seasonally adjusted data) Jan Jan Jan Jan Jan Jan Jan Jan Jan 1990 to 2014 Annual Totals (thousands of claimants) MI 1,207 1,335 1,181 1,096 MI 1,004 1,075 1,456 2014 & 2015 Moving Average (52 Week) in Last Week of Month (thousands of claimants)

| _ | | - 0 | - 0- | | - , | | - | | | | - , | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
| MI | 12.17 | 12.16 | 12.04 | 12.19 | 12.07 | 11.87 | 11.38 | 11.43 | 11.46 | 11.41 | 11.21 | 10.71 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | 10.57 | | | | | | | | | | | | |

| Summa | ry: J | anuary 2015 | Highlights | | | | | | | |
|----------------------------|-------|-----------------------|---|--|--|--|--|--|--|--|
| 52 Week Avg. #Δ / month | | 10,567 -140 | There were 10,420 initial claims filed for state unemployment insurance benefits for the week of January 24 to January 31. | | | | | | | |
| #Δ / month | | -1.3% | The 52 week moving average, which offers a better picture of the trend in initial claims, measured 10,567, which was a decrease of 1.3 percent over the month | | | | | | | |
| #Δ / year %Δ / year | | -1,607 -13.2% | and down by 13.2 percent since January 2014. | | | | | | | |

Source: U.S. Department of Labor, Employment and Training Administration (ETA)

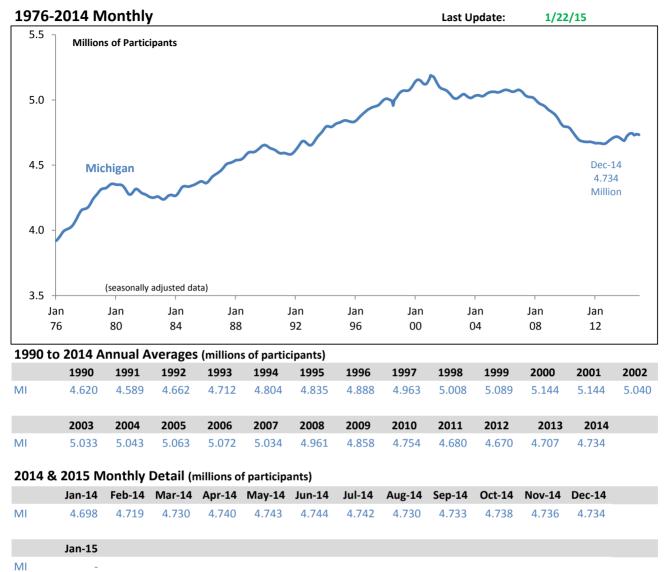
ONLINE JOB ADVERTISEMENTS vs. PAYROLL JOBS



| Summa | ary: January 2015 | Highlights | | | | | |
|--------------------------------------|-------------------|--|--|--|--|--|--|
| Job Ads | 172,096 | According to The Conference Board's Help Wanted Online Data Series, Michigan's seasonally adjusted online advertised job postings measured | | | | | |
| # Δ / month # Δ / year | 1,583 31,714 | 172,095 in January. This value is an increase of 1,583 ads over the month and 28,836 ads since January 2014. | | | | | |

Source: Bureau of Labor Market Information / The Conference Board, Help Wanted Online Data Series

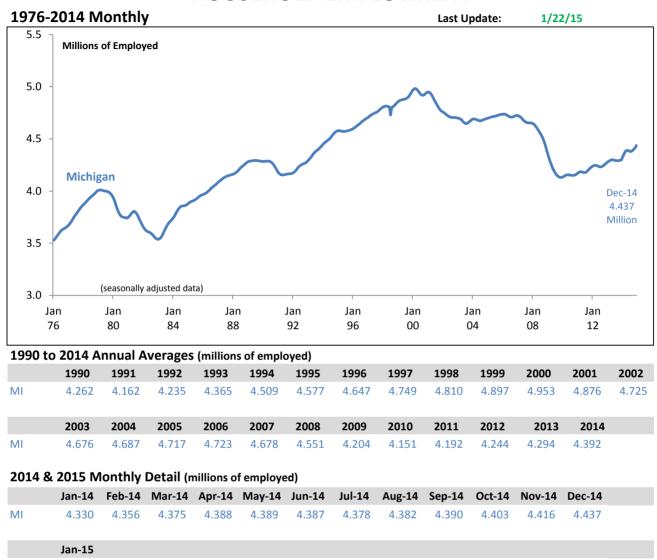
LABOR FORCE



| Summa | ry: December 2014 | Highlights | | | | | | |
|---|--------------------------------|---|--|--|--|--|--|--|
| Labor Force #Δ / month %Δ / month | 4,734,000 -2,000 △ 0.0% | The labor force, which is the sum of employed and unemployed persons, remained relatively steady from November to December 2014. The labor force has risen by 47,000 participants, or 1.0 percent, since December 2013. | | | | | | |
| #Δ / year %Δ / year | 47,000 1.0% | | | | | | | |

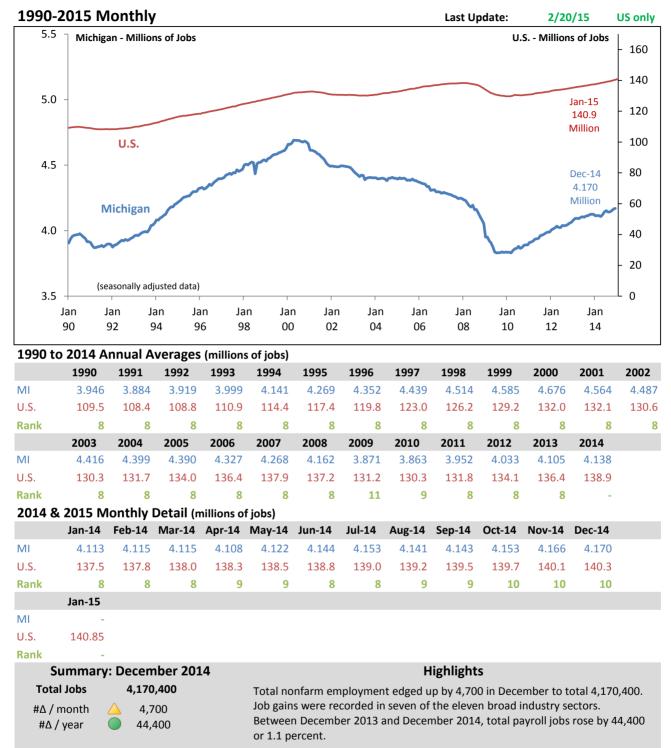
MI

HOUSEHOLD EMPLOYMENT



| Summary | : December 2014 | Highlights |
|----------------------------------|------------------------------|---|
| Employment #Δ / month %Δ / month | 4,437,000 21,000 0.5% | Employment in Michigan grew by 21,000 from November to December, a 0.5 percent increase. Also, employment is up by 138,000 since December 2013, an increase of 3.2 percent. |
| #Δ / year %Δ / year | 138,000 3.2% | |

PAYROLL JOBS

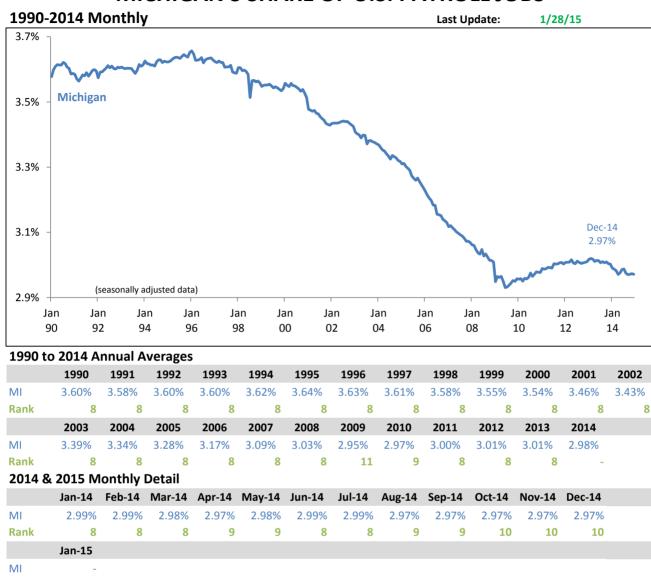


PAYROLL JOBS (Historical)

| Seasona | ılly Adjuste | ed | | | | | | | | | Mill | ions |
|---------|----------------------------------|-----------|----------------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| | Jan-08 | Feb-08 | Mar-08 | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 |
| MI | 4.236 | 4.232 | 4.211 | 4.191 | 4.180 | 4.194 | 4.161 | 4.162 | 4.134 | 4.107 | 4.083 | 4.055 |
| Δ mo. | -0.010 | -0.005 | -0.020 | -0.021 | -0.011 | 0.014 | -0.034 | 0.001 | -0.028 | -0.027 | -0.024 | -0.028 |
| U.S. | 138.4 | 138.3 | 138.2 | 138.0 | 137.8 | 137.6 | 137.4 | 137.2 | 136.7 | 136.2 | 135.5 | 134.8 |
| Δ mo. | 0.234 | -0.086 | -0.080 | -0.214 | -0.182 | -0.172 | -0.210 | -0.259 | -0.452 | -0.474 | -0.765 | -0.697 |
| | | | | | | | | | | | | |
| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 |
| MI | 3.951 | 3.951 | 3.923 | 3.907 | 3.875 | 3.838 | 3.830 | 3.831 | 3.833 | 3.837 | 3.834 | 3.836 |
| Δ mo. | -0.104 | 0.000 | -0.028 | -0.016 | -0.032 | -0.037 | -0.007 | 0.001 | 0.002 | 0.005 | -0.003 | 0.002 |
| U.S. | 134.0 | 133.3 | 132.4 | 131.8 | 131.4 | 130.9 | 130.6 | 130.4 | 130.2 | 130.0 | 130.0 | 129.7 |
| Δ mo. | -0.798 | -0.701 | -0.826 | -0.684 | -0.354 | -0.467 | -0.327 | -0.216 | -0.227 | -0.198 | -0.006 | -0.283 |
| | | | | | | | | | | | | |
| | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 |
| MI | 3.835 | 3.835 | 3.830 | 3.849 | 3.862 | 3.864 | 3.880 | 3.865 | 3.872 | 3.889 | 3.891 | 3.892 |
| Δ mo. | -0.001 | 0.001 | -0.006 | 0.019 | 0.013 | 0.002 | 0.016 | -0.015 | 0.007 | 0.017 | 0.003 | 0.000 |
| U.S. | 129.7 | 129.7 | 129.8 | 130.1 | 130.6 | 130.5 | 130.4 | 130.4 | 130.3 | 130.5 | 130.7 | 130.7 |
| Δ mo. | 0.018 | -0.050 | 0.156 | 0.251 | 0.516 | -0.122 | -0.061 | -0.042 | -0.057 | 0.241 | 0.137 | 0.071 |
| | | | | | | | | | | | | |
| | Jan-11 | Feb-11 | Mar-11 | Apr-11 | | | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 |
| MI | 3.910 | 3.913 | 3.921 | 3.936 | 3.938 | 3.942 | 3.963 | 3.966 | 3.973 | 3.983 | 3.989 | 3.989 |
| Δ mo. | 0.018 | 0.003 | 0.008 | 0.015 | 0.002 | 0.004 | 0.021 | 0.003 | 0.007 | 0.010 | 0.006 | -0.001 |
| U.S. | 130.8 | 131.0 | 131.2 | 131.5 | 131.6 | 131.8 | 131.9 | 132.1 | 132.3 | 132.5 | 132.6 | 132.8 |
| Δ mo. | 0.070 | 0.168 | 0.212 | 0.322 | 0.102 | 0.217 | 0.106 | 0.122 | 0.221 | 0.183 | 0.164 | 0.196 |
| | | - 1 40 | | | | | | | | 0 : 40 | N 40 | 5 43 |
| N A I | Jan-12 | Feb-12 | Mar-12 | Apr-12 | - | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
| MI | 4.007 | 4.013 | 4.022 | 4.034 | 4.025 | 4.024 | 4.039 | 4.038 | 4.039 | 4.048 | 4.057 | 4.065 |
| Δ mo. | 0.018 | 0.007 | 0.008 | 0.013 | -0.010 | -0.001 | 0.016 | -0.001 | 0.001 | 0.008 | 0.009 | 0.008 |
| U.S. | 133.2 | 133.4 | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 | 134.3 | 134.4 | 134.6 | 134.9 | 135.1 |
| Δ mo. | 0.360 | 0.226 | 0.243 | 0.096 | 0.110 | 0.088 | 0.160 | 0.150 | 0.161 | 0.225 | 0.203 | 0.214 |
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI | 4.081 | 4.093 | 4.095 | 4.092 | 4.102 | 4.107 | 4.102 | 4.113 | 4.113 | 4.124 | 4.124 | 4.126 |
| Δ mo. | 0.016 | 0.012 | 0.001 | | 0.010 | | -0.004 | 0.011 | | 0.011 | | 0.002 |
| U.S. | 135.3 | | | 135.9 | 136.1 | | 136.4 | | 136.8 | 137.0 | 137.3 | 137.4 |
| Δ mo. | 0.197 | 0.280 | | 0.203 | 0.199 | 0.201 | 0.149 | 0.202 | 0.164 | 0.237 | 0.274 | 0.084 |
| | | | - · - · - | | | | | - · | | | | |
| | Change | from July | 2009 | | 3 | 340,100 | | | | | | |
| | _ | | | 010 | | 78,600 | | | | | | |
| | Change from December 2010 278,60 | | | | | | | | | | | |

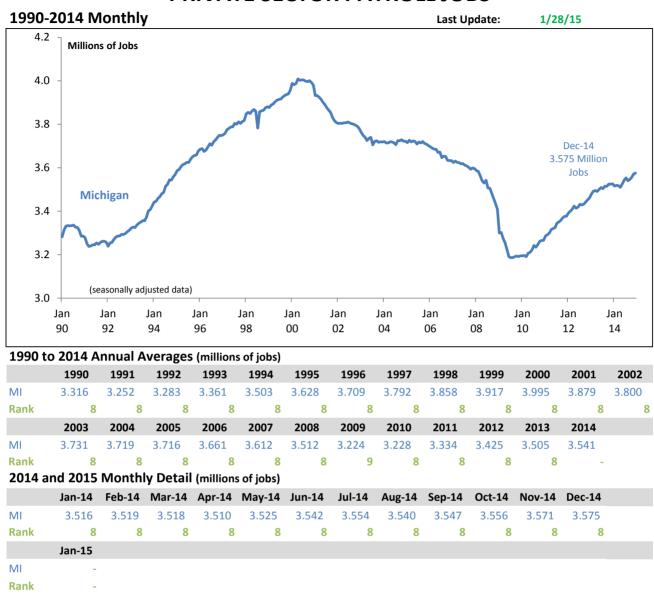
Rank

MICHIGAN'S SHARE OF U.S. PAYROLL JOBS



| Highlights |
|---|
| Michigan's share of U.S. payroll jobs held steady over the month. After dropping to below 3 percent in 2009 and 2010, Michigan's share of U.S. payrolls has consistently hovered near 3 percent since 2011. Since 1990, Michigan has seen its jobs as a share of U.S. jobs steadily decline, reflecting significant job losses in Michigan. |
| |

PRIVATE SECTOR PAYROLL JOBS

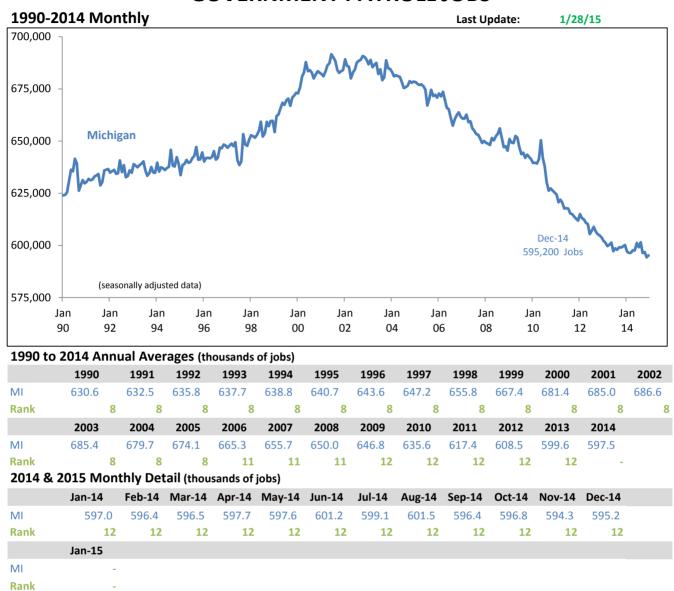


| Summa | ry: December 2014 | Highlights |
|--|--------------------------------|---|
| Total Jobs #Δ / month %Δ / month | 3,575,200 △ 3,800 0.1% | In the <i>Private</i> sector, jobs increased by 3,800 from November to December. Over the year there have been 49,400 <i>Private</i> sector payroll jobs added, and this metric has increased by 308,800 since December 2010. |
| #Δ / year %Δ / year | 49,400 1.4% | |

PRIVATE SECTOR JOBS (Historical)

| Seasona | lly Adjuste | d | | | | | | | | | Mill | ions |
|---------|-------------|-----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Jan-08 | Feb-08 | Mar-08 | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 |
| MI | 3.587 | 3.583 | 3.563 | 3.539 | 3.530 | 3.542 | 3.507 | 3.506 | 3.482 | 3.460 | 3.435 | 3.410 |
| Δ mo. | 0.028 | -0.004 | -0.020 | -0.024 | -0.010 | 0.012 | -0.035 | -0.002 | -0.023 | -0.022 | -0.025 | -0.026 |
| U.S. | 116.0 | 115.9 | 115.8 | 115.5 | 115.3 | 115.1 | 114.9 | 114.6 | 114.2 | 113.7 | 112.9 | 112.2 |
| Δ mo. | 0.003 | -0.115 | -0.106 | -0.221 | -0.215 | -0.206 | -0.261 | -0.258 | -0.422 | -0.486 | -0.776 | -0.693 |
| | | | | | | | | | | | | |
| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 |
| MI | 3.300 | 3.302 | 3.274 | 3.254 | 3.223 | 3.191 | 3.187 | 3.187 | 3.191 | 3.194 | 3.192 | 3.194 |
| Δ mo. | -0.110 | 0.002 | -0.028 | -0.020 | -0.031 | -0.033 | -0.004 | 0.000 | 0.004 | 0.003 | -0.002 | 0.003 |
| U.S. | 111.4 | 110.7 | 109.9 | 109.1 | 108.8 | 108.4 | 108.1 | 107.9 | 107.7 | 107.5 | 107.4 | 107.2 |
| Δ mo. | -0.821 | -0.698 | -0.810 | -0.801 | -0.294 | -0.426 | -0.272 | -0.232 | -0.141 | -0.271 | -0.015 | -0.232 |
| | | | | | | | | | | | | |
| | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 |
| MI | 3.195 | 3.196 | 3.191 | 3.207 | 3.211 | 3.222 | 3.242 | 3.235 | 3.246 | 3.261 | 3.265 | 3.266 |
| Δ mo. | 0.001 | 0.001 | -0.005 | 0.017 | 0.004 | 0.011 | 0.020 | -0.007 | 0.011 | 0.015 | 0.004 | 0.001 |
| U.S. | 107.2 | 107.2 | 107.3 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.2 | 108.4 | 108.5 |
| Δ mo. | 0.020 | -0.038 | 0.113 | 0.192 | 0.094 | 0.110 | 0.120 | 0.117 | 0.107 | 0.199 | 0.149 | 0.094 |
| | | | | | | | | | | | | |
| | Jan-11 | Feb-11 | Mar-11 | - | May-11 | | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 |
| MI | 3.286 | 3.292 | 3.299 | 3.315 | 3.320 | 3.324 | 3.346 | 3.351 | 3.358 | 3.370 | 3.376 | 3.377 |
| Δ mo. | 0.019 | 0.006 | 0.007 | 0.016 | 0.005 | 0.004 | 0.022 | 0.005 | 0.008 | 0.011 | 0.007 | 0.000 |
| U.S. | 108.6 | 108.8 | 109.0 | 109.3 | 109.5 | 109.7 | 109.9 | 110.0 | 110.3 | 110.5 | 110.7 | 110.9 |
| Δ mo. | 0.072 | 0.223 | 0.231 | 0.320 | 0.166 | 0.186 | 0.219 | 0.125 | 0.268 | 0.177 | 0.191 | 0.222 |
| | | | | | | | | | | | | |
| | Jan-12 | Feb-12 | Mar-12 | Apr-12 | • | | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
| MI | 3.392 | 3.400 | 3.409 | 3.423 | 3.414 | 3.418 | 3.432 | 3.429 | 3.433 | 3.442 | 3.452 | 3.462 |
| Δ mo. | 0.015 | 0.009 | 0.009 | 0.014 | -0.009 | 0.004 | 0.014 | -0.003 | 0.003 | 0.010 | 0.010 | 0.009 |
| U.S. | 111.2 | 111.5 | 111.7 | 111.8 | 112.0 | 112.0 | 112.2 | 112.3 | 112.5 | 112.8 | 113.0 | 113.2 |
| Δ mo. | 0.364 | 0.228 | 0.246 | 0.102 | 0.131 | 0.075 | 0.172 | 0.136 | 0.159 | 0.255 | 0.211 | 0.215 |
| | 1 12 | F-1-40 | NA 42 | A | 14 12 | I 12 | 11.43 | A 12 | C 43 | 0-+ 12 | N 42 | D 12 |
| D 41 | Jan-13 | Feb-13 | Mar-13 | Apr-13 | - | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI | 3.479 | 3.492 | 3.495 | 3.491 | 3.500 | 3.510 | 3.504 | 3.515 | 3.514 | 3.525 | 3.525 | 3.526 |
| Δ mo. | 0.018 | 0.013 | 0.003 | -0.004 | 0.009 | 0.009 | -0.006 | 0.011 | -0.001 | 0.011 | 0.000 | 0.001 |
| U.S. | 113.4 | 113.7 | 113.9 | 114.0 | 114.3 | 114.4 | 114.6 | 114.8 | 115.0 | 115.2 | 115.5 | 115.6 |
| Δ mo. | 0.240 | 0.297 | 0.139 | 0.194 | 0.225 | 0.172 | 0.162 | 0.213 | 0.168 | 0.235 | 0.303 | 0.124 |
| | Change | from July | , 2009 | | 2 | 88,600 | | | | | | |
| | _ | • | | 010 | | | | | | | | |
| | Change 1 | nom be | cember 2 | .010 | 3 | 08,800 | | | | | | |

GOVERNMENT PAYROLL JOBS



| Summary | y: December 2014 | Highlights |
|--|-------------------------|--|
| Total Jobs #Δ / month %Δ / month | 595,200 900 0.2% | Government sector jobs increased by 900 in December as staffing levels at the State (+2,700) level increased while the Local (-2,200) level contracted. Since December 2013, decreases in Local (-6,500) payrolls resulted in a 5,000 decline in the broad sector. |
| #Δ / year %Δ / year | -5,000 -0.8% | |

GOVERNMENT JOBS (Historical)

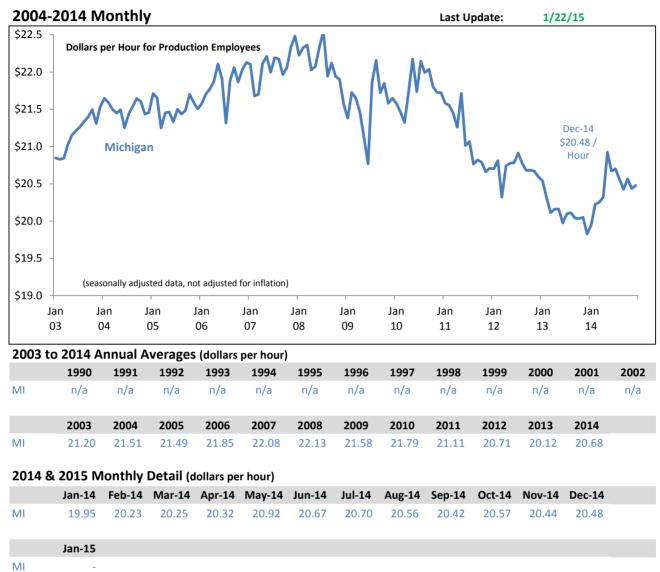
| Seasona | ılly Adjuste | ed | | | | | | | | | Thou | sands |
|---------------|-----------------|-----------------|-----------------|--------------|-----------------|-----------------|-----------------|---------------------|---------------------|-----------------|-----------------|-----------------|
| | Jan-08 | Feb-08 | Mar-08 | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 |
| MI | 649.2 | 648.7 | 648.1 | 651.5 | 650.3 | 652.3 | 653.5 | 656.1 | 651.9 | 647.1 | 647.5 | 645.4 |
| Δ mo. | -1.00 | -0.50 | -0.60 | 3.40 | -1.20 | 2.00 | 1.20 | 2.60 | -4.20 | -4.80 | 0.40 | -2.10 |
| U.S. | 22,388 | 22,417 | 22,443 | 22,450 | 22,483 | 22,517 | 22,568 | 22,567 | 22,537 | 22,549 | 22,560 | 22,556 |
| Δ mo. | 12.0 | 29.0 | 26.0 | 7.0 | 33.0 | 34.0 | 51.0 | -1.0 | -30.0 | 12.0 | 11.0 | -4.0 |
| | | | | | | | | | | | | |
| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 |
| MI | 651.0 | 649.3 | 649.0 | 652.5 | 651.7 | 647.2 | 643.7 | 644.4 | 642.0 | 643.5 | 642.4 | 641.3 |
| Δ mo. | 5.60 | -1.70 | -0.30 | 3.50 | -0.80 | -4.50 | -3.50 | 0.70 | -2.40 | 1.50 | -1.10 | -1.10 |
| U.S. | 22,579 | 22,576 | 22,560 | 22,677 | 22,617 | 22,576 | 22,521 | 22,537 | 22,451 | 22,524 | 22,533 | 22,482 |
| Δ mo. | 23.0 | -3.0 | -16.0 | 117.0 | -60.0 | -41.0 | -55.0 | 16.0 | -86.0 | 73.0 | 9.0 | -51.0 |
| | | | | | | | | | | | | |
| | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 |
| MI | 639.5 | 639.7 | 639.2 | 641.4 | 650.4 | 641.9 | 637.8 | 630.2 | 626.2 | 627.3 | 626.3 | 625.4 |
| Δ mo. | -1.80 | 0.20 | -0.50 | 2.20 | 9.00 | -8.50 | -4.10 | -7.60 | -4.00 | 1.10 | -1.00 | -0.90 |
| U.S. | 22,491 | 22,476 | 22,518 | 22,569 | 22,996 | 22,740 | 22,569 | 22,420 | 22,247 | 22,297 | 22,287 | 22,266 |
| Δ mo. | 9.0 | -15.0 | 42.0 | 51.0 | 427.0 | -256.0 | -171.0 | -149.0 | -173.0 | 50.0 | -10.0 | -21.0 |
| | | | | | | | | | | | | |
| | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 |
| MI | 624.4 | 620.7 | 621.9 | 620.4 | 617.7 | 617.9 | 617.6 | 615.3 | 615.0 | 613.8 | 612.8 | 611.9 |
| Δ mo. | -1.00 | -3.70 | 1.20 | -1.50 | -2.70 | 0.20 | -0.30 | -2.30 | -0.30 | -1.20 | -1.00 | -0.90 |
| U.S. | 22,264 | 22,213 | 22,194 | 22,185 | 22,128 | 22,127 | 22,054 | 22,045 | 21,981 | 21,998 | 21,970 | 21,950 |
| Δ mo. | -2.0 | -51.0 | -19.0 | -9.0 | -57.0 | -1.0 | -73.0 | -9.0 | -64.0 | 17.0 | -28.0 | -20.0 |
| | lan 13 | F=b 12 | Na. 12 | A 12 | May 12 | l 12 | 1 12 | A 12 | Cam 12 | 0+12 | Nov. 13 | Dec 12 |
| MI | Jan-12 615.0 | Feb-12 613.1 | Mar-12 612.4 | Apr-12 610.8 | May-12 610.3 | 605.4 | Jul-12 607.1 | Aug-12 608.9 | Sep-12 606.7 | Oct-12 605.4 | Nov-12 604.8 | Dec-12 603.8 |
| | 3.10 | -1.90 | | -1.60 | | -4.90 | 1.70 | | -2.20 | | | -1.00 |
| Δ mo. U.S. | 21,949 | 21,947 | -0.70 21,945 | 21,922 | -0.50 21,913 | -4.90 21,892 | 21,915 | 1.80 21,943 | -2.20 21,923 | -1.30 21,896 | -0.60 21,874 | 21,892 |
| | -1.0 | -2.0 | -2.0 | -23.0 | -9.0 | -21.0 | 23.0 | 28.0 | -20.0 | -27.0 | -22.0 | 18.0 |
| Δ mo. | -1.0 | -2.0 | -2.0 | -23.0 | -9.0 | -21.0 | 23.0 | 26.0 | -20.0 | -27.0 | -22.0 | 16.0 |
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI | 602.2 | 601.3 | 599.7 | 600.4 | 601.4 | 597.2 | 598.6 | 597.9 | 599.1 | 599.0 | 599.5 | 600.2 |
| Δ mo. | -1.60 | | | | 1.00 | | | | 1.20 | | | 0.70 |
| U.S. | 21,877 | 21,894 | 21,870 | 21,863 | 21,857 | 21,812 | 21,814 | 21,857 | 21,839 | 21,829 | 21,843 | 21,828 |
| Δ mo. | -15.0 | 17.0 | -24.0 | -7.0 | -6.0 | -45.0 | 2.0 | 43.0 | -18.0 | -10.0 | 14.0 | -15.0 |
| | 13.0 | 17.0 | 2 | 7.0 | 0.0 | 13.0 | 2.0 | 13.0 | 10.0 | 10.0 | 1 | 13.0 |
| | Change | from July | 2009 | | -48, | 500 | | | | | | |
| | _ | • | cember 2 | 010 | -30, | | | | | | | |
| | Change | | 20111201 2 | | 50, | _00 | | | | | | |

MI Local Total

GOVERNMENT JOBS (Detail)

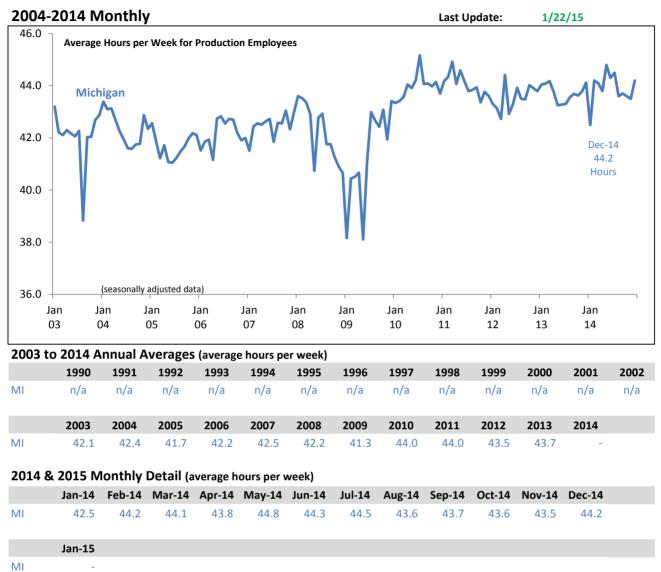
| Seasonal | ly Adjuste | ed | | | | | | | | | Thou | sands |
|----------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Jan-08 | Feb-08 | Mar-08 | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 |
| MI Fed | 53,600 | 53,700 | 53,700 | 53,500 | 53,500 | 53,500 | 53,500 | 53,300 | 53,500 | 53,300 | 53,200 | 53,000 |
| MI State | 168,700 | 169,700 | 169,800 | 173,300 | 171,200 | 173,000 | 174,000 | 175,300 | 176,800 | 175,900 | 175,900 | 175,800 |
| MI Local | 426,900 | 425,300 | 424,600 | 424,700 | 425,600 | 425,800 | 426,000 | 427,500 | 421,600 | 417,900 | 418,400 | 416,600 |
| Total | 649.2 | 648.7 | 648.1 | 651.5 | 650.3 | 652.3 | 653.5 | 656.1 | 651.9 | 647.1 | 647.5 | 645.4 |
| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 |
| MI Fed | 53,200 | 53,200 | 53,200 | 57,700 | 56,700 | 53,800 | 53,900 | 54,000 | 54,200 | 54,500 | 54,600 | 54,500 |
| MI State | 178,700 | 177,900 | 178,200 | 177,900 | 178,800 | 179,300 | 179,000 | 178,800 | 177,200 | 178,700 | 179,400 | 179,400 |
| MI Local | 419,100 | 418,200 | 417,600 | 416,900 | 416,200 | 414,100 | 410,800 | 411,600 | 410,600 | 410,300 | 408,400 | 407,400 |
| Total | 651.0 | 649.3 | 649.0 | 652.5 | 651.7 | 647.2 | 643.7 | 644.4 | 642.0 | 643.5 | 642.4 | 641.3 |
| | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 |
| MI Fed | 55,000 | 55,200 | 56,300 | 58,500 | 70,700 | 61,400 | 59,500 | 55,800 | 53,900 | 53,900 | 53,700 | 53,600 |
| MI State | 178,000 | 179,000 | 178,700 | 178,500 | 178,100 | 178,100 | 177,700 | 178,500 | 178,600 | 179,300 | 179,000 | 178,400 |
| MI Local | 406,500 | 405,500 | 404,200 | 404,400 | 401,600 | 402,400 | 400,600 | 395,900 | 393,700 | 394,100 | 393,600 | 393,400 |
| Total | 639.5 | 639.7 | 639.2 | 641.4 | 650.4 | 641.9 | 637.8 | 630.2 | 626.2 | 627.3 | 626.3 | 625.4 |
| | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 |
| MI Fed | 53,600 | 53,400 | 53,400 | 53,400 | 53,300 | 53,200 | 53,300 | 53,100 | 53,100 | 53,100 | 52,900 | 52,800 |
| MI State | 178,800 | 176,100 | 177,900 | 177,600 | 176,400 | 176,400 | 177,700 | 177,000 | 177,700 | 178,000 | 178,500 | 178,500 |
| MI Local | 392,000 | 391,200 | 390,600 | 389,400 | 388,000 | 388,300 | 386,600 | 385,200 | 384,200 | 382,700 | 381,400 | 380,600 |
| Total | 624.4 | 620.7 | 621.9 | 620.4 | 617.7 | 617.9 | 617.6 | 615.3 | 615.0 | 613.8 | 612.8 | 611.9 |
| | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
| MI Fed | 52,700 | 52,700 | 52,900 | 52,800 | 52,700 | 52,800 | 52,700 | 52,800 | 52,700 | 52,700 | 52,700 | 52,700 |
| MI State | 181,800 | 180,200 | 180,100 | 180,300 | 180,900 | 180,600 | 178,100 | 178,700 | 179,100 | 179,200 | 179,100 | 179,100 |
| MI Local | 380,500 | 380,200 | 379,400 | 377,700 | 376,700 | 372,000 | 376,300 | 377,400 | 374,900 | 373,500 | 373,000 | 372,000 |
| Total | 615.0 | 613.1 | 612.4 | 610.8 | 610.3 | 605.4 | 607.1 | 608.9 | 606.7 | 605.4 | 604.8 | 603.8 |
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI Fed | 52,400 | 52,600 | 52,000 | 52,300 | 51,900 | 51,900 | 51,600 | 51,500 | 51,400 | 51,300 | 51,300 | 51,300 |
| MI State | 178,800 | 178,500 | 178,200 | 178,600 | 180,200 | 178,500 | 178,700 | 179,500 | 179,900 | 180,400 | 181,000 | 181,400 |
| MI Local | 371,000 | 370,200 | 369,500 | 369,500 | 369,300 | 366,800 | 368,300 | 366,900 | 367,800 | 367,300 | 367,200 | 367,500 |
| Total | 602.2 | 601.3 | 599.7 | 600.4 | 601.4 | 597.2 | 598.6 | 597.9 | 599.1 | 599.0 | 599.5 | 600.2 |
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
| MI Fed | 50,700 | 50,700 | 50,800 | 51,000 | 50,800 | 51,100 | 50,600 | 51,000 | 51,000 | 50,500 | 51,200 | 51,600 |
| MI State | 179,000 | 179,700 | 179,500 | 180,600 | 180,500 | 179,800 | 178,500 | 179,100 | 179,300 | 182,100 | 179,900 | 182,600 |
| MI Local | 367,300 | 366,000 | 366,200 | 366,100 | 366,300 | 370,300 | 370,000 | 371,400 | 366,100 | 364,200 | 363,200 | 361,000 |
| Total | 597.0 | 596.4 | 596.5 | 597.7 | 597.6 | 601.2 | 599.1 | 601.5 | 596.4 | 596.8 | 594.3 | 595.2 |
| | Jan-15 | | | | | | | | | | | |
| MI Fed | - | | | | | | | | | | | |
| MI State | _ | | | | | | | | | | | |
| | | | | | | | | | | | | |

AVERAGE HOURLY EARNINGS: MANUFACTURING



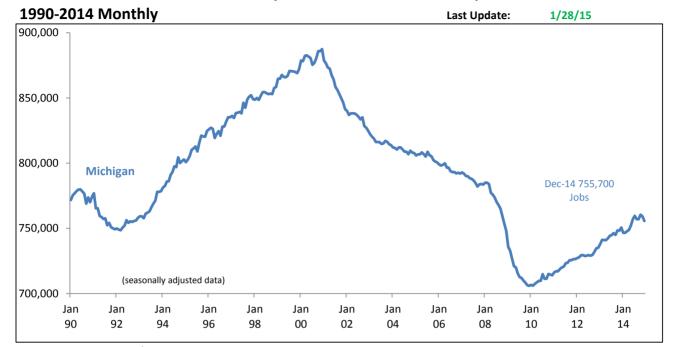
| Summary: [| ecember 2014 | Highlights |
|------------------------------------|---------------------------|---|
| Hours Worked #Δ / month %Δ / month | \$20.48 \$0.04 0.2% | Manufacturing hourly earnings increased over the month by \$0.04, or 0.2 percent. Hourly earnings have increased by \$0.65 over the year. |
| #Δ / year %Δ / year | \$0.65 3.3% | |

AVERAGE WEEKLY HOURS: MANUFACTURING



| Summary: December 2014 | Highlights |
|---|---|
| Hours Worked 44.2 # Δ / month \triangle 0.7 # Δ / year \triangle 0.1 (Rounded) | Average weekly hours worked in the state's <i>Manufacturing</i> sector increased by 0.7 hours over the month. Since December 2013, hours have stayed relatively flat, adding 0.1 hours. |

PAYROLL JOBS: TRADE, TRANSPORTATION, AND UTILITIES



| 1990 to 2014 Annua | I Averages | (thousands of jobs) |
|--------------------|------------|---------------------|
|--------------------|------------|---------------------|

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MI | 775.1 | 757.9 | 753.9 | 767.1 | 793.6 | 812.5 | 826.9 | 843.1 | 853.5 | 868.3 | 881.2 | 861.2 | 834.3 |
| | | | | | | | | | | | | | |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MI | 817.0 | 809.8 | 805.1 | 795.0 | 787.0 | 770.3 | 717.2 | 710.6 | 721.8 | 730.2 | 743.8 | 754.2 | |

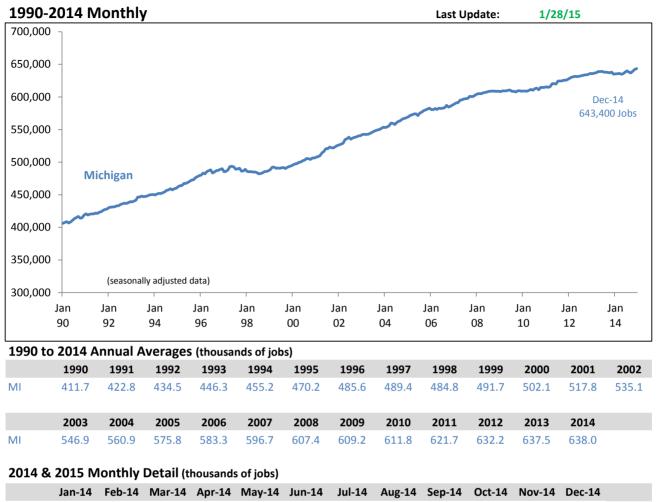
2014 & 2015 Monthly Detail (thousands of jobs)

Rank

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MI | 746.6 | 746.6 | 747.8 | 748.8 | 752.2 | 757.1 | 759.6 | 757.1 | 757.0 | 760.5 | 759.2 | 755.7 | |
| Rank | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | _ | | | | | | | | | | | | |

| Summa | ry: December 2014 | Highlights |
|--|-------------------|---|
| Total Jobs # Δ / month % Δ / month # Δ / year % Δ / year | 755,700 | Employment declined by 3,500 in December as payrolls contracted in Retail trade (-1,700), Transportation, warehousing, and utilities (-1,300), and Wholesale trade (-500). The job decline in Retail trade was partially due to a smaller seasonal increase in Clothing and clothing accessories stores. Over the year, employment has grown by 5,000 on gains in the Transportation, warehousing, and utilities (+6,400) and Wholesale trade (+1,900) component sectors. |

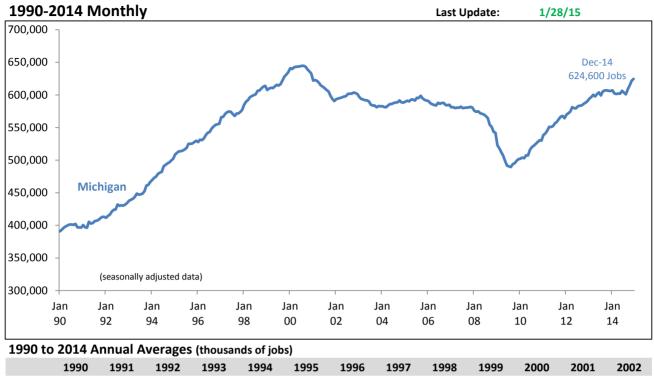
PAYROLL JOBS: PRIVATE EDUCATION & HEALTH SERVICES



| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MI | 635.3 | 635.7 | 636.1 | 634.8 | 635.6 | 638.1 | 640.1 | 638.0 | 636.9 | 639.6 | 642.3 | 643.4 | |
| Rank | 9 | 9 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

| Summary: D | ecember 2014 | Highlights |
|--|---|---|
| Total Jobs #Δ / month %Δ / month #Δ / year %Δ / year | 643,400 1,100 0.2% 8,300 1.3% | Employment moved up by 1,100 in December on gains in both <i>Education services</i> (+800) and <i>Healthcare and social assistance</i> (+300). This December increase brings employment in the broad sector and the <i>Healthcare and social assistance</i> subsector to all-time highs of 643,400 and 566,100 jobs, respectively. Since December 2013, job advances in <i>Education services</i> (+4,400) and <i>Healthcare and social assistance</i> (+3,900) resulted in an 8,300 employment gain in the broad sector. |

PAYROLL JOBS: PROFESSIONAL & BUSINESS SERVICES



| 1330 66 | | | . v c. upc. | , (נווטמטמו | ius oi jou | ,,, | | | | | | | |
|---------|-------|-------|-------------|-------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 398.0 | 405.4 | 425.2 | 449.6 | 486.3 | 519.0 | 542.6 | 571.6 | 601.2 | 618.1 | 641.2 | 610.0 | 599.3 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MI | 588.2 | 586.3 | 593.1 | 586.1 | 580.8 | 563.5 | 501.5 | 515.9 | 554.3 | 580.8 | 601.9 | 607.9 | |

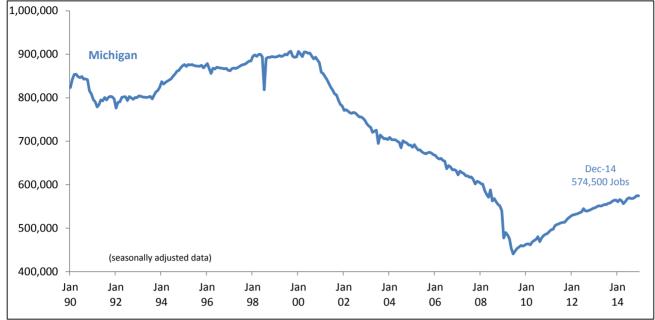
2014 & 2015 Monthly Detail (thousands of jobs)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MI | 607.1 | 602.4 | 601.4 | 602.3 | 602.0 | 606.5 | 603.6 | 600.9 | 608.9 | 614.7 | 621.9 | 624.6 | |
| Rank | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

| Summar | y: December 2014 | Highlights | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total Jobs # Δ / month % Δ / month # Δ / year % Δ / year | 624,600 △ 2,700 0.4% ● 18,400 3.0% | Professional and Business Services employment increased by 2,700 in December due to job gains in Professional, scientific, and technical services (+3,500). Since December 2013, employment in the broad sector rose by 18,400 as employers in Administrative, support, waste management, and remediation services (+10,800), Professional, scientific, and technical services (+7,300), and Management of companies and enterprises (+300) expanded their payrolls. | | | | | | | | |

PAYROLL JOBS: MANUFACTURING





1990 to 2014 Annual Averages (thousands of jobs)

| | | | U | • | • | • | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 839.0 | 793.9 | 797.2 | 806.5 | 849.1 | 873.6 | 866.6 | 873.9 | 890.2 | 898.3 | 896.6 | 821.2 | 761.4 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MI | 717.5 | 698.3 | 677.5 | 648.2 | 617.3 | 572.0 | 463.1 | 473.9 | 509.7 | 537.6 | 555.1 | 566.7 | |

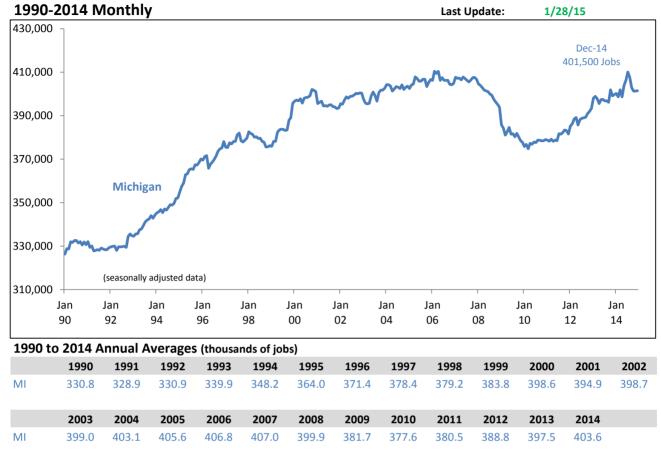
2014 & 2015 Monthly Detail (thousands of jobs)

Rank

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| MI | 560.7 | 565.9 | 563.4 | 556.3 | 561.1 | 567.3 | 569.8 | 567.9 | 568.4 | 570.7 | 574.6 | 574.5 | |
| Rank | 5 of 48 | 5 of 48 | 5 of 48 | 6 of 48 | 5 of 48 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | _ | | | | | | | | | | | | |

| Summary: Decem | nber 2014 | Highlights |
|---|-----------------|--|
| Total Jobs 574,5 #Δ / month -10 %Δ / month 0.09 #Δ / year $9,80$ %Δ / year 1.79 | 00 0% 800 | Manufacturing payrolls were essentially unchanged in December, as a small decline in Nondurables goods (-300) outpaced a modest increase in the Durable goods (+200) sector. The state's key Transportation equipment manufacturing sector added 1,300 jobs over the month. On a quarterly basis, manufacturing employment has grown in 19 of the past 21 quarters. Since December 2013, Manufacturing employment rose by 9,800 on gains in the Durable goods (+10,300) subsector. |

PAYROLL JOBS: LEISURE & HOSPITALITY



2014 & 2015 Monthly Detail (thousands of jobs)

Rank

| | | • | • | | • • | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
| MI | 400.2 | 398.7 | 401.9 | 398.7 | 403.8 | 406.3 | 410.1 | 407.7 | 402.9 | 401.3 | 401.3 | 401.5 | |
| Rank | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |

| Summary: December 20 | 14 Highlights |
|--|---|
| Total Jobs 401,500 #Δ / month \triangle 200 %Δ / month 0.0% #Δ / year \triangle 1,700 %Δ / year 0.4% | Employment remained essentially unchanged, notching up by 200 in December. Since reaching a recessionary low of 374,800 jobs in March 2010, employment in the broad sector has expanded by 26,700 or 7.1 percent. This was below the 8.9 percent growth statewide during this period. Between December 2013 and December 2014, employment has increased by 1,700 on job gains in <i>Arts, entertainment, and recreation</i> (+2,200). |

PAYROLL JOBS: FINANCIAL ACTIVITIES

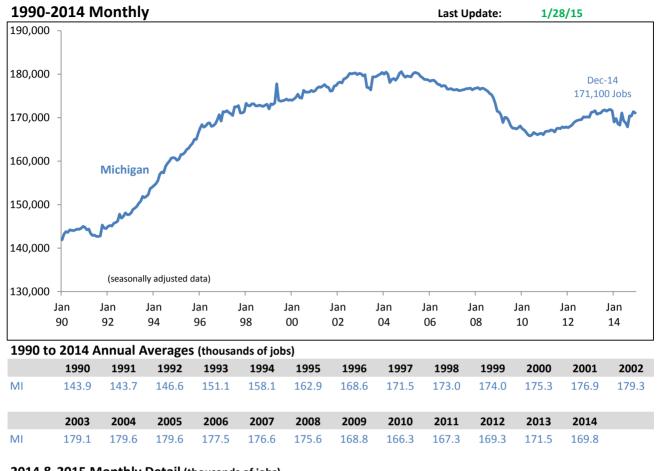


2014 & 2015 Monthly Detail (thousands of jobs)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MI | 200.0 | 199.0 | 198.3 | 199.9 | 197.2 | 197.1 | 198.3 | 198.1 | 197.7 | 197.6 | 197.8 | 199.8 | |
| Rank | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

| Summary | : December 2014 | Highlights | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|
| Total Jobs #Δ / month %Δ / month #Δ / year %Δ / year | 199,800 2,000 1.0% -1,500 -0.7% | Financial Activities employment advanced by 2,000 in December as payrolls expanded in both Real estate and rental and leasing (+1,500) and Finance and insurance (+500). Employment levels fell by 1,500 since December 2013 as job declines in Finance and insurance (-2,700) outpaced payroll gains in Real estate and rental and leasing (+1,200). | | | | | | | |

PAYROLL JOBS: OTHER SERVICES

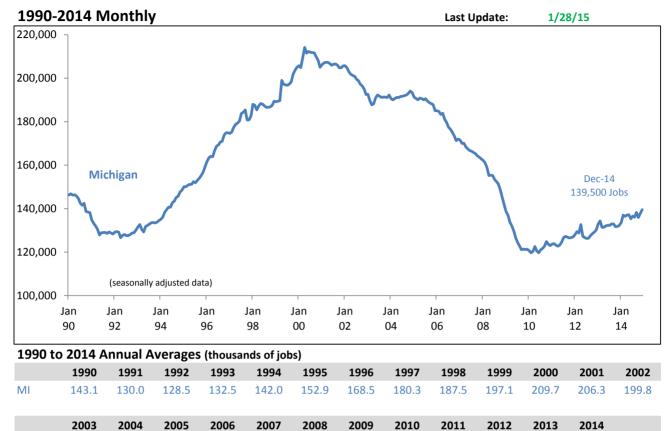


2014 & 2015 Monthly Detail (thousands of jobs)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MI | 169.0 | 169.8 | 168.6 | 168.3 | 171.1 | 169.3 | 168.8 | 167.9 | 170.4 | 170.4 | 171.4 | 171.1 | |
| Rank | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

| Summary: December 2014 | Highlights |
|---|--|
| Total Jobs 171,100 #Δ / month \triangle -300 %Δ / month -0.2% | Other Services employment levels edged lower by 300 in December and decreased by 500 jobs since December 2013. The over-the-month decline was partially due to an atypical employment decrease in Religious, grant making, civic, professional, and similar organizations. |
| #Δ / year <u></u> -500 %Δ / year -0.3% | |

PAYROLL JOBS: CONSTRUCTION



189.5

178.4

166.7

191.8

MI

190.9

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MI | 133.6 | 137.0 | 136.4 | 137.1 | 137.2 | 135.3 | 136.6 | 136.1 | 138.3 | 135.9 | 137.8 | 139.5 |
| Rank | 14 | 13 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 15 | 13 | 13 |
| | Jan-15 | | | | | | | | | | | |
| MI | - | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | |

127.6

121.6

125.3

128.2

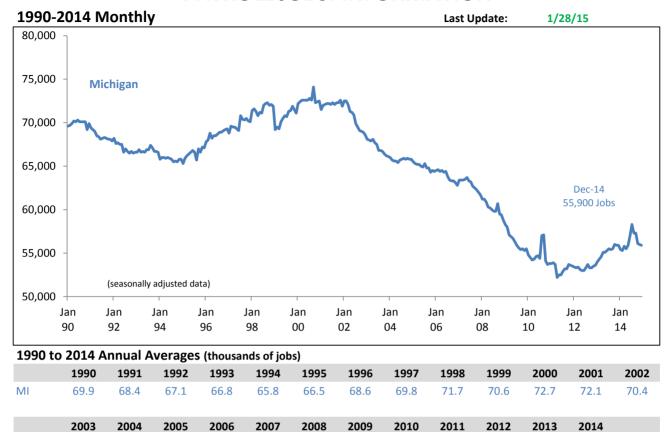
132.4

137.0

153.5

| Summary: | December 2014 | Highlights |
|----------------------------------|--------------------------|--|
| Total Jobs #Δ / month %Δ / month | 139,500 1,700 1.2% | Construction payrolls grew by 1,700 in December and by 7,200 jobs over the year. This somewhat larger December increase was partially due to a smaller than normal seasonal job cut in <i>Heavy and civil engineering construction</i> . |
| #Δ / year %Δ / year | 7,200 5.4% | |

PAYROLL JOBS: INFORMATION



64.9

63.9

62.9

65.7

MI

67.1

| | | • | • | | | | | | | | | | |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
| MI | 55.4 | 55.3 | 55.8 | 55.5 | 55.9 | 57.0 | 58.3 | 57.3 | 57.3 | 56.1 | 56.0 | 55.9 | |
| Rank | 15 of 40 | 14 of 40 | 14 of 40 | 15 of 40 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

56.3

54.8

53.2

53.3

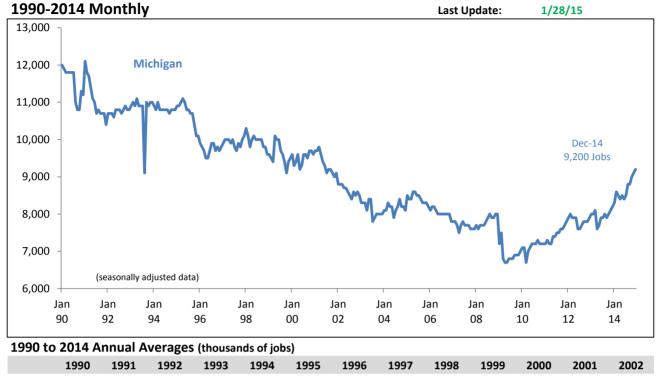
55.3

56.3

60.2

| Summar | y: De | ecember | 2014 Highlights |
|--------------------------|-------|---------------|--|
| Total Jobs | | 55,900 | <i>Information</i> employment notched lower by 100 in December and remained unchanged over the year. |
| #∆ / month %∆ / month | | -100 -0.2% | |
| #Δ / year %Δ / year | | 0 0.0% | |

PAYROLL JOBS: MINING & LOGGING



| 1990 (| 0 2017 7 | illiuai F | werages | (tillousai | iius oi joi | וכנ | | | | | | | |
|--------|----------|-----------|---------|------------|-------------|------|------|------|------|------|------|------|------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 11.5 | 11.1 | 10.8 | 10.8 | 10.8 | 10.7 | 9.7 | 9.9 | 10.0 | 9.6 | 9.5 | 9.3 | 8.6 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |

6.9

7.9

7.1

7.4

7.8

8.0

8.7

2014 & 2015 Monthly Detail (thousands of jobs)

8.4

8.0

7.7

8.2

MI

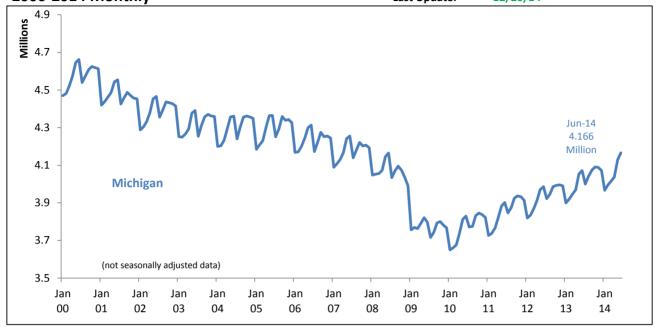
8.1

| | | - | | | - | | | | | | | | |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
| MI | 8.3 | 8.6 | 8.5 | 8.4 | 8.5 | 8.4 | 8.5 | 8.8 | 8.8 | 9.0 | 9.1 | 9.2 | |
| Rank | 25 of 41 | 24 of 41 | 24 of 41 | 24 of 41 | |
| | Jan-15 | | | | | | | | | | | | |
| MI | - | | | | | | | | | | | | |
| Rank | _ | | | | | | | | | | | | |

| Summary | : Decen | nber 2014 | Highlights |
|------------------------|----------|------------|--|
| Total Jobs | 9,2 | 200 | Mining and logging employment notched up by 100 in December and advanced by 1,000 over the year. |
| #∆ / month | <u> </u> | 00 | |
| %∆ / month | 1.: | 1% | |
| #Δ / year %Δ / year | _ , | 000 .2% | |

COVERED EMPLOYMENT

2000-2014 Monthly Last Update: 12/26/14



2000 to 2013 Annual Averages (millions of employed)

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MI | 4.578 | 4.472 | 4.390 | 4.320 | 4.301 | 4.297 | 4.235 | 4.178 | 4.070 | 3.775 | 3.771 |

2011 2012 2013MI 3.856 3.936 4.019

2013 & 2014 Monthly Detail (millions of employed)

| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MI | 3.900 | 3.921 | 3.946 | 3.969 | 4.054 | 4.071 | 4.000 | 4.041 | 4.074 | 4.091 | 4.088 | 4.073 |
| | | | | | | | | | | | | |
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | | | | | | |
| MI | 3.966 | 3.995 | 4.016 | 4.038 | 4.129 | 4.166 | | | | | | |

| Summary: Jun | e 2014 | Highlights |
|--|-----------------------|---|
| Employment 4,16 0 #∆ / year 94, | Fuenda, manual ban in | gan's covered employment levels were higher than in June 2013. reased by 368,636 since reaching the lowest June level in 2009, a 10 nat time. |
| %∆ / year | The QCEVV program | publishes a quarterly report of employment and wages for employers tate's Unemployment Insurance law. It covers more than 95 percent |

Source: Bureau of Labor Market Information, Quarterly Census of Employment & Wages (QCEW)

%Δ / Year

Gross Job Losses

#Δ / year

%Δ / year

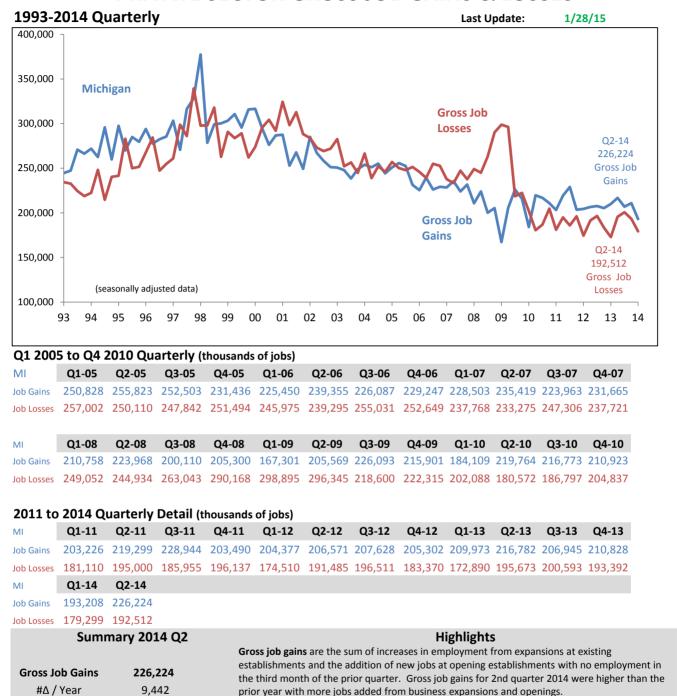
4.4%

192,512

-3,161

-1.6%

PRIVATE SECTOR GROSS JOB GAINS & LOSSES



Source: Bureau of Labor Market Information, Business Employment Dynamics (BED)

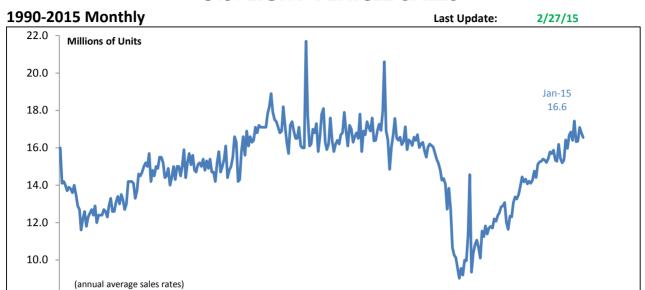
1.6 percent over the year primarily from business contractions.

Gross Job Losses are the result of contractions in employment at existing establishments and

the loss of jobs at closing businesses with positive employment in the third month of the prior

quarter and none in the current quarter. Gross job losses in the 2nd quarter 2014 were down by

U.S. LIGHT VEHICLE SALES



1990 to 2014 Annual Average (annual average sales rate in millions)

Jan-95

Source: Bureau of Economic Analysis

| | | | _ | • | • | | | • | | | | | |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| LV Sales | 13.9 | 12.3 | 12.9 | 13.9 | 15.0 | 14.7 | 15.1 | 15.1 | 15.5 | 16.9 | 17.3 | 17.1 | 16.8 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| LV Sales | 16.6 | 16.9 | 16.9 | 16.5 | 16.1 | 13.2 | 10.4 | 11.6 | 12.7 | 14.4 | 15.5 | 16.4 | |

Jan-05

Jan-10

Jan-15

Jan-00

2014 & 2015 Monthly Detail (annual average sales rate in millions)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| LV Sales | 15.2 | 15.3 | 16.4 | 16.0 | 16.7 | 16.8 | 16.4 | 17.4 | 16.3 | 16.3 | 17.1 | 16.8 |

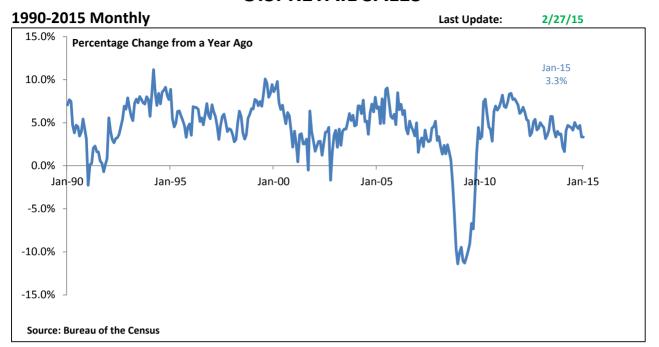
Jan-15 LV Sales 16.6

8.0 | Jan-90

| Summary: | January 2015 | Highlights |
|---|--------------------------------------|---|
| LV Sales (mill) # Δ / month # Δ / month # Δ / year % Δ / year | 16.6 -0.2 -1.4% 1.4 9.0% | Light vehicle sales decreased 1.4 percent in January to a 16.6 million unit annual average rate, below the December rate of 16.8 million units. Light vehicle sales have started 2015 on a strong note. Employment gains, lower gasoline prices and consumer confidence provided support for the healthy sales rate. Lower gasoline prices have also boosted the light truck market in particular. From a year ago, light vehicle sales were up 9.0 percent in January. |

Source: Bureau of Economic Analysis

U.S. RETAIL SALES



Year to Year Trend Table (percent change)

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|---------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|
| R Sales | 5.0% | 0.6% | 4.7% | 7.2% | 8.2% | 5.4% | 5.9% | 5.1% | 4.6% | 8.1% | 6.5% | 2.9% | 2.4% |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| R Sales | 4.4% | 6.2% | 6.5% | 5.4% | 2 2% | _1 1% | -6.0% | 5 5% | 7.5% | 5.1% | 4.2% | 4.0% | |

YTD Trend Table 1 (percent change from a year ago)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| R Sales | 2.2% | 1.6% | 4.1% | 4.7% | 4.6% | 4.4% | 4.1% | 5.0% | 4.6% | 4.3% | 4.7% | 3.3% |
| | Jan-15 | | | | | | | | | | | |
| R Sales | 3.3% | | | | | | | | | | | |

YTD Trend Table 2 (percent change from a month ago)

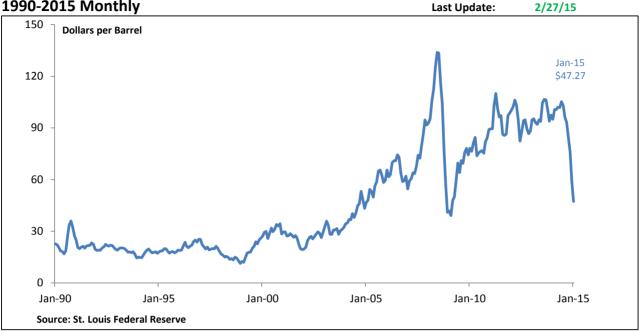
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| R Sales | -0.8% | 0.5% | 1.5% | 0.6% | 0.4% | 0.4% | 0.3% | 0.6% | -0.1% | 0.3% | 0.4% | -0.9% |
| | Jan-15 | | | | | | | | | | | |
| R Sales | -0.8% | | | | | | | | | | | |

| Summary: January 2015 | Highlights |
|---------------------------------------|---|
| Retail Sales (bill.) \$440.0 ann rate | January 2015 retail sales decreased 0.8 percent from a month ago. Lower gasoline |
| %Δ Year Ago 3.3% | sales were responsible for a large part of the monthly decline. The outlook is positive |
| | as economic fundamentals provide support. From a year ago, retail sales increased |
| %∆ / month | 3.3 percent; however, excluding gasoline stations and auto dealers, sales grew 4.7 |
| | percent from a year ago. |

Source: Bureau of the Census

OIL PRICES





1990 to 2014 Annual Average (dollars per barrel)

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Oil Price | 24.49 | 21.48 | 20.56 | 18.46 | 17.19 | 18.43 | 22.15 | 20.60 | 14.39 | 19.25 | 30.30 | 25.92 | 26.10 |
| | | | | | | | | | | | | | |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| Oil Price | 31.14 | 41.44 | 56.47 | 66.10 | 72.36 | 99.57 | 61.69 | 79.43 | 95.08 | 94.20 | 97.75 | 93.15 | |

2014 & 2015 Monthly Detail (dollars per barrel)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Oil Price | 95.03 | 100.73 | 100.57 | 102.08 | 101.86 | 105.24 | 102.94 | 96.38 | 93.22 | 84.40 | 75.81 | 59.54 | |

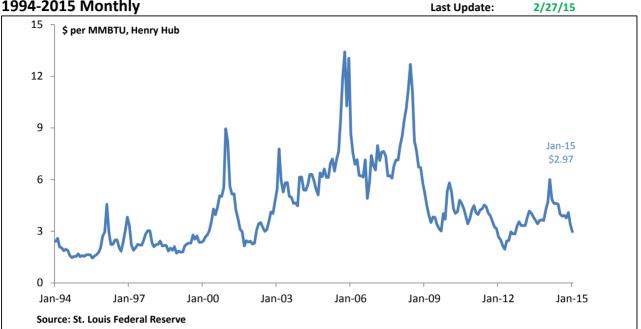
Jan-15 47.27 Oil Price

| Summary | : January 2015 | Highlights | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Oil Prices | \$47.27 | The average price per barrel of oil decreased \$12.27 in January to \$47.27 per barrel. From a year ago, oil prices are down 50.3 percent. | | | | | | | | |
| # Δ / month % Δ / month # Δ / year % Δ / year | -\$12.27 -20.6% -\$47.76 -50.3% | | | | | | | | | |

Source: St. Louis Federal Reserve Database

NATURAL GAS PRICES

1994-2015 Monthly



1994 to 2014 Annual Average (\$ per MMBTU)

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| NG Price | 1.89 | 1.73 | 2.75 | 2.48 | 2.09 | 2.27 | 4.31 | 3.96 | 3.36 | 5.50 | 5.91 | 8.81 | 6.74 |
| | | | | | | | | | | | | | |
| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | | | | | |
| NG Price | 6.98 | 8.86 | 3.95 | 4.39 | 4.00 | 2.75 | 3.73 | 4.37 | | | | | |

2014 & 2015 Monthly Detail (\$ per MMBTU)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NG Price | 4.69 | 6.01 | 4.86 | 4.61 | 4.62 | 4.57 | 4.01 | 3.88 | 3.92 | 3.77 | 4.09 | 3.40 |

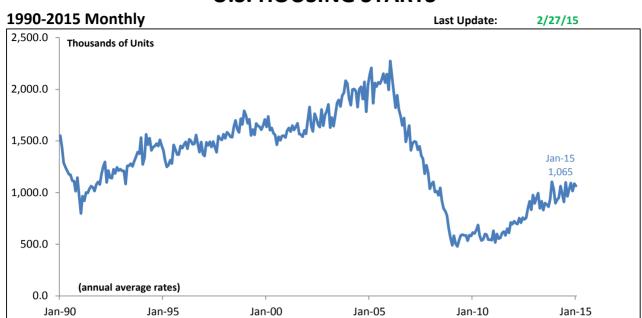
Jan-15

NG Price 2.97

| Summa | ry: J | anuary 2015 | Highlights |
|------------|-------|-------------|---|
| NG Price | | \$2.97 | Natural gas prices decreased 12.6 percent in January from December. Compared to a year ago, natural gas prices are down 36.7 percent. |
| #∆ / month | | -\$0.43 | |
| %Δ / month | | -12.6% | |
| #∆/year | | -\$1.72 | |
| %∆ / year | | -36.7% | |
| | | | |

Source: St. Louis Federal Reserve Database

U.S. HOUSING STARTS



1990 to 2014 Annual Averages (thousands of starts)

Source: Bureau of the Census

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HS | 1,203 | 1,009 | 1,201 | 1,292 | 1,446 | 1,361 | 1,469 | 1,475 | 1,621 | 1,647 | 1,573 | 1,601 | 1,710 |
| | | | | | | | | | | | | | |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| HS | 1,854 | 1,950 | 2,073 | 1,812 | 1,342 | 900 | 554 | 586 | 612 | 781 | 923 | 1,001 | |

2014 & 2015 Monthly Detail (annual average rate in thousands)

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HS | 897 | 928 | 950 | 1,063 | 984 | 909 | 1,098 | 963 | 1,028 | 1,092 | 1,015 | 1,087 |

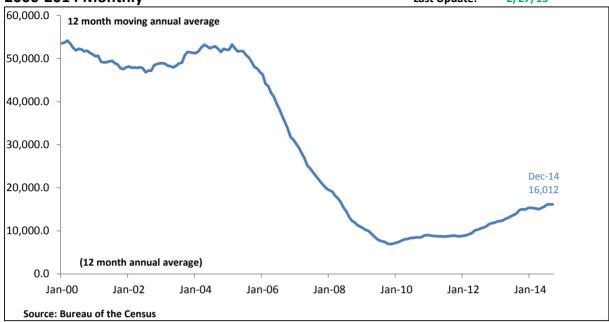
Jan-15 HS 1,065

| Housing starts totaled an annual average rate of 1,065,000 in January, down 2.0 | Summa | nmary: January 2015 | Highlights |
|--|--|---------------------------------|--|
| HS (000s) 1,065 percent from December. Single family home construction continues to languish as $\#\Delta$ / month -22 were 18.7 percent higher than a year ago. $\#\Delta$ / year 168 $\%\Delta$ / year 18.7% | HS (000s) $\#\Delta$ / month $\#\Delta$ / year | s) 1,065 th -22 oth -2.0% | Housing starts totaled an annual average rate of 1,065,000 in January, down 2.0 percent from December. Single family home construction continues to languish as apartment construction maintains its strong growth. Housing starts in January 2015 |

Source: Bureau of the Census

MICHIGAN BUILDING PERMITS FOR HOUSING STARTS

2000-2014 Monthly Last Update: 2/27/15



2000 to 2014 Annual Averages (thousands of permits)

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BP | 52.5 | 50.1 | 50.0 | 53.9 | 54.7 | 45.3 | 29.2 | 17.8 | 10.9 | 6.9 | 9.1 | 9.3 | 11.7 |

2013 2014BP 15.8 15.7

2013 & 2014 Monthly Detail (12 month moving average annual rate in thousands)

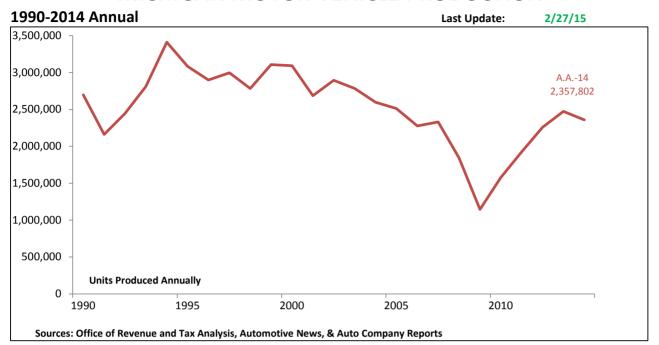
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| BP | 12.14 | 12.28 | 12.38 | 12.80 | 13.02 | 13.38 | 13.67 | 14.00 | 14.79 | 15.00 | 14.95 | 15.25 |
| | | | | | | | | | | | | |

| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| BP | 15.39 | 15.29 | 15.19 | 15.02 | 15.34 | 15.60 | 16.14 | 16.16 | 16.14 | 16.21 | 16.14 | 16.01 |

| Summary: Dece | ember 2014 | Highlights |
|--|---|---|
| # Δ / month \triangle # Δ / year | 16.01 -0.13 -0.8% 0.76 5.0% | Michigan building permits for new houses are down from last month based on an annualized 12-month moving average ending in December. The latest 12-month moving average is 5.0 percent higher than a year ago. While still down from the highs in the early 2000s, building permits continue to increase. |

Source: Bureau of the Census

MICHIGAN MOTOR VEHICLE PRODUCTION



1990 to 2014 Annual Averages (units in thousands)

| | | | | (| | -, | | | | | | | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MV Prod. | 2,697 | 2,160 | 2,444 | 2,811 | 3,410 | 3,084 | 2,899 | 2,996 | 2,783 | 3,108 | 3,093 | 2,687 | 2,896 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MV Prod. | 2,784 | 2,596 | 2,514 | 2,275 | 2,331 | 1,844 | 1,146 | 1,577 | 1,924 | 2,259 | 2,474 | 2,358 | |

2014 & 2015 Monthly Detail (units in thousands)

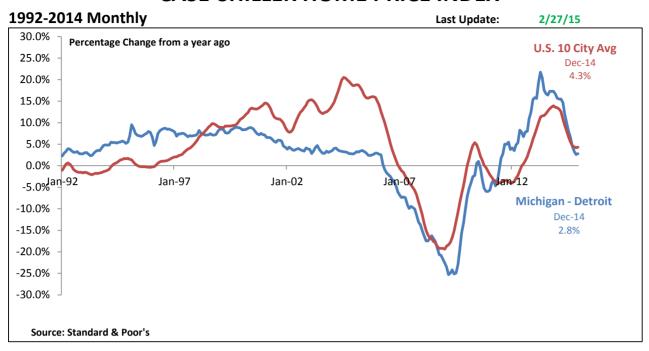
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MV Prod. | 213.4 | 220.0 | 217.2 | 195.8 | 211.9 | 217.7 | 203.1 | 175.1 | 177.6 | 188.2 | 163.9 | 173.9 |

Jan-15MV Prod. 175.2

| Summa | ry: J | anuary 2015 | Highlights |
|-----------------|------------|-------------|--|
| MV Prod. (000s) | | 175.2 | Michigan motor vehicle production totaled 175,200 units in January, which was up 1 percent from last month and down nearly 18 percent from a year ago. |
| #∆ / month | | 1.3 | |
| %∆ / month | | 0.8% | |
| #∆ / year | | -38.2 | |
| %∆ / year | \Diamond | -17.9% | |
| | | | |

Sources: Office of Revenue and Tax Analysis, Automotive News, & Auto Company Reports

CASE-SHILLER HOME PRICE INDEX



Year to Year Trend Table (percent change)

| | ** | | <u> </u> | | | | | | | | |
|--------|---------------|--------------------------------|--|--|---|--|---|---|---|--|--|
| 0 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| a n/a | 3.2% | 3.4% | 5.3% | 7.6% | 7.6% | 7.2% | 7.4% | 8.4% | 8.1% | 5.9% | 3.8% |
| | -0.7% | -1.7% | 0.7% | 0.2% | 0.9% | 3.4% | 8.3% | 9.4% | 12.9% | 11.8% | 11.0% |
| | | | | | | | | | | | |
| 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| 3.5% | 3.3% | 3.0% | -1.4% | -9.6% | -18.0% | -21.0% | -3.4% | 0.1% | 7.9% | 17.7% | 9.3% |
| | | | | | | | | | | | |
| | a n/a 2003 | n/a 3.2% -0.7% 2003 2004 | a n/a 3.2% 3.4% -0.7% -1.7% 2003 2004 2005 | a n/a 3.2% 3.4% 5.3% -0.7% -1.7% 0.7% 2003 2004 2005 2006 | a n/a 3.2% 3.4% 5.3% 7.6% -0.7% -1.7% 0.7% 0.2% 2003 2004 2005 2006 2007 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% -0.7% -1.7% 0.7% 0.2% 0.9% 2003 2004 2005 2006 2007 2008 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% 7.2% -0.7% -1.7% 0.7% 0.2% 0.9% 3.4% 2003 2004 2005 2006 2007 2008 2009 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% 7.2% 7.4% -0.7% -1.7% 0.7% 0.2% 0.9% 3.4% 8.3% 2003 2004 2005 2006 2007 2008 2009 2010 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% 7.2% 7.4% 8.4% -0.7% -1.7% 0.7% 0.2% 0.9% 3.4% 8.3% 9.4% 2003 2004 2005 2006 2007 2008 2009 2010 2011 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% 7.2% 7.4% 8.4% 8.1% -0.7% -1.7% 0.7% 0.2% 0.9% 3.4% 8.3% 9.4% 12.9% 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 | a n/a 3.2% 3.4% 5.3% 7.6% 7.6% 7.2% 7.4% 8.4% 8.1% 5.9% -0.7% -1.7% 0.7% 0.2% 0.9% 3.4% 8.3% 9.4% 12.9% 11.8% 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 |

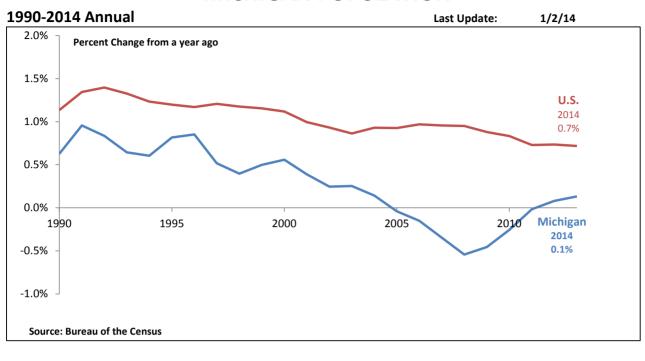
Year to Date Trend Table (percent change from a year ago)

| | | (1 | | 0 - | - , | . 0 - 7 | | | | | | |
|--------------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
| MI -Det | 15.8% | 15.7% | 19.4% | 21.7% | 20.5% | 17.6% | 16.7% | 16.4% | 17.3% | 17.3% | 17.3% | 16.7% |
| US - 10 City | 7.3% | 8.6% | 10.0% | 11.3% | 11.6% | 11.7% | 12.1% | 12.7% | 13.3% | 13.7% | 13.9% | 13.6% |
| | | | | | | | | | | | | |
| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
| MI -Det | 15.7% | 15.5% | 15.5% | 14.7% | 11.9% | 10.1% | 8.1% | 6.6% | 4.6% | 3.4% | 2.6% | 2.8% |
| US - 10 City | 13.5% | 13.2% | 12.6% | 10.8% | 9.3% | 8.1% | 6.8% | 5.6% | 4.7% | 4.4% | 4.2% | 4.3% |

| Summary: De | cember 2014 | Highlights |
|---------------------------------------|-------------|--|
| Det CSH Index (Jan 2000 = 100) | 97.27 | Detroit housing prices were up 2.8 percent from a year ago in December, while US home prices were up 4.3 percent according to the Case-Shiller Home Price Index. |
| %Δ Year Ago | 2.8% | Detroit home prices have been rising year-over-year since July 2011, but overall prices are still well below the peak of early 2006. |

Source: S&P Dow Jones Indices & Fiserv

MICHIGAN POPULATION



| 1990 to | 2013 A | nnual A | verages | (millions | of peopl | e) | | | | | | | |
|---------|--------|---------|---------|-----------|----------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 9.311 | 9.400 | 9.479 | 9.540 | 9.598 | 9.676 | 9.759 | 9.809 | 9.848 | 9.897 | 9.952 | 9.991 | 10.016 |
| US | 249.6 | 253.0 | 256.5 | 259.9 | 263.1 | 266.3 | 269.4 | 272.6 | 275.9 | 279.0 | 282.2 | 285.0 | 287.6 |
| MI Rank | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MI | 10.041 | 10.055 | 10.051 | 10.036 | 10.001 | 9.947 | 9.902 | 9.876 | 9.876 | 9.885 | 9.898 | 9.910 | |
| US | 290.1 | 292.8 | 295.5 | 298.4 | 301.2 | 304.1 | 306.8 | 309.3 | 314.1 | 314.1 | 316.5 | 318.9 | |
| MI Rank | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 10 | |
| 1990 to | 2013 C | hange f | rom a Y | ear Ago | (%) | | | | | | | | |
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 0.6% | 1.0% | 0.8% | 0.6% | 0.6% | 0.8% | 0.9% | 0.5% | 0.4% | 0.5% | 0.6% | 0.4% | 0.2% |
| US | 1.1% | 1.3% | 1.4% | 1.3% | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | 1.1% | 1.0% | 0.9% |
| | | | | | | | | | | | | | |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| MI | 0.3% | 0.1% | 0.0% | -0.1% | -0.3% | -0.5% | -0.5% | -0.3% | 0.0% | 0.1% | 0.1% | 0.1% | |
| US | 0.9% | 0.9% | 0.9% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | |

| Summa | ry: CY 2014 | Highlights |
|---------------|-------------|--|
| MI Population | 9,910,000 | Michigan's population grew in 2014 to 9.910 million. Michigan's overall population |
| Michigan Rank | 10 | ranked 10th nationally in 2014. |
| %Δ Year Ago | 0.1% | |

Source: Bureau of the Census

US

-0.1%

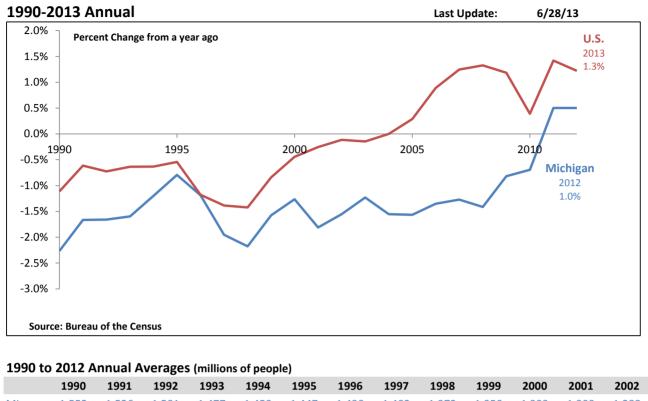
0.0%

0.3%

0.9%

1.2%

MICHIGAN POPULATION AGE 25 to 34



| 1990 to | 2012 A | nnual A | verages | (millions | of people | e) | | | | | | | |
|---------|---------|----------|---------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | 1.552 | 1.526 | 1.501 | 1.477 | 1.459 | 1.447 | 1.430 | 1.402 | 1.372 | 1.350 | 1.333 | 1.309 | 1.288 |
| US | 42.8 | 42.5 | 42.2 | 41.9 | 41.7 | 41.4 | 40.9 | 40.4 | 39.8 | 39.5 | 39.3 | 39.2 | 39.1 |
| MI Rank | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| MI | 1.273 | 1.253 | 1.233 | 1.217 | 1.201 | 1.184 | 1.174 | 1.164 | 1.169 | 1.175 | 1.186 | | |
| US | 39.1 | 39.1 | 39.2 | 39.5 | 40.0 | 40.6 | 41.1 | 41.2 | 41.8 | 42.3 | 0.4 | | |
| MI Rank | 8 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | | |
| 1990 to | 2012 CI | hange fr | om a Ye | ear Ago | (%) | | | | | | | | |

| 1990 to | o 2012 Cl | nange fr | om a Ye | ear Ago | (%) | | | | | | | | |
|---------|-----------|----------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| MI | -2.3% | -1.7% | -1.7% | -1.6% | -1.2% | -0.8% | -1.2% | -2.0% | -2.2% | -1.6% | -1.3% | -1.8% | -1.6% |
| US | -1.1% | -0.6% | -0.7% | -0.6% | -0.6% | -0.5% | -1.2% | -1.4% | -1.4% | -0.8% | -0.4% | -0.3% | -0.1% |
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| MI | -1.2% | -1.6% | -1.6% | -1.4% | -1.3% | -1.4% | -0.8% | -0.9% | 0.4% | 0.5% | 1.0% | | |

| Summa | ary: CY 201 | L3 | Highlights |
|---------------|-------------|----|---|
| MI Pop 25-34 | 1,186,081 | | Michigan 's population age 25 to 34 grew in 2013 to 1.186 million. Michigan's |
| Michigan Rank | | 10 | population age 25 to 34 ranked 10th nationally in 2013. |
| %Δ Year Ago 🬘 | 1.0% | | |
| | | | |

1.3%

1.2%

0.4%

1.4%

1.2%

1.3%

Source: Bureau of the Census

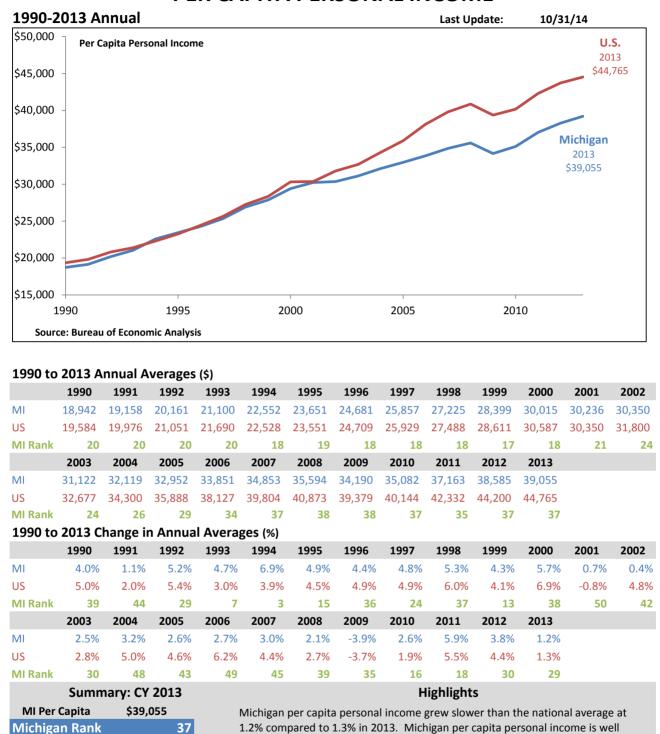
%Δ Year Ago

Michigan Rank

1.2%

29

PER CAPITA PERSONAL INCOME

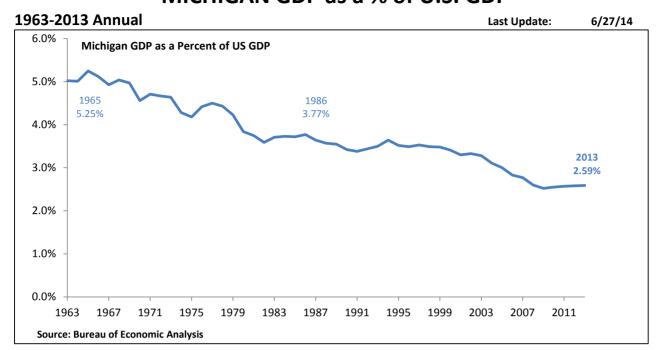


Source: Bureau of Economic Analysis

the national average since 1995.

below the national average (87% of the national average) and has not been above

MICHIGAN GDP as a % of U.S. GDP



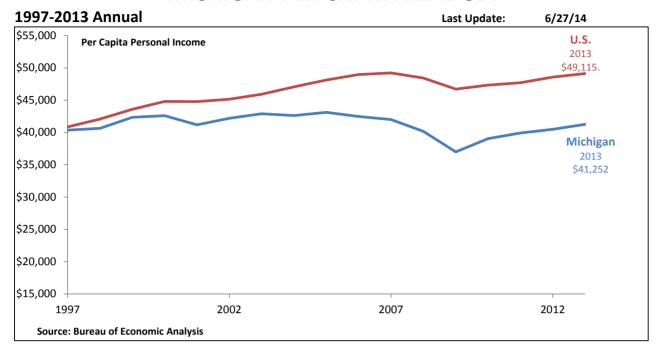
1963 to 2013 Annual Averages (percentage)

| | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 |
|------------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| MI | 5.02% | 5.01% | 5.25% | 5.12% | 4.93% | 5.04% | 4.97% | 4.56% | 4.71% | 4.67% | 4.64% | 4.28% | 4.18% |
| MI Rank | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| MI | 4.42% | 4.50% | 4.43% | 4.23% | 3.84% | 3.75% | 3.59% | 3.71% | 3.73% | 3.72% | 3.77% | 3.64% | 3.57% |
| MI Rank | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| | | | | | | | | | | | | | |
| | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| MI | 3.55% | 3.42% | 3.38% | 3.44% | 3.50% | 3.64% | 3.52% | 3.49% | 3.62% | 3.54% | 3.56% | 3.46% | 3.33% |
| | | | | | | | | | | | | | |
| MI Rank | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 |
| MI Rank | 2002 | 2003 | 9 2004 | 9 2005 | 9 2006 | 9 2007 | 9 2008 | 9 2009 | 9 2010 | 9 2011 | 8 2012 | 9 2013 | 9 |
| MI Rank MI | | | | | | | | | | | | | 9 |

| Summary | : CY 2013 | Highlights |
|---------------------|-----------|---|
| MI GDP % US | 2.59% | Michigan GDP as a percent of United States GDP increased slightly in 2013 compared to a year ago. Michigan GDP as a percent of U.S. GDP has been on a |
| % pt Δ Year Ago 🛆 | 0.01 | long-term decline. Compared to 25 years ago, the percentage has decreased 0.98 |
| % pt Δ 10 Yrs Ago 🔷 | -0.71 | percentage points and Michigan's rank has declined from 9th to 13th. |
| % pt Δ 25 Yrs Ago 🔷 | -0.98 | |
| Michigan Rank | 13 | |
| | | |

Source: Bureau of Economic Analysis

MICHIGAN PER CAPITA REAL GDP



1997 to 2013 Annual Averages (\$)

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MI | 40,365 | 40,642 | 42,356 | 42,598 | 41,193 | 42,210 | 42,905 | 42,612 | 43,112 | 42,482 | 42,010 | 40,179 | 36,994 |
| US | 40,861 | 42,086 | 43,592 | 44,808 | 44,779 | 45,163 | 45,921 | 47,062 | 48,142 | 48,973 | 49,213 | 48,436 | 46,706 |
| MI Rank | 20 | 22 | 20 | 21 | 28 | 26 | 27 | 31 | 31 | 37 | 37 | 41 | 42 |
| | | | | | | | | | | | | | |
| | 2010 | 2011 | 2012 | 2013 | | | | | | | | | |
| MI | | - | | | | | | | | | | | |
| MI US | | 39,912 | | 41,252 | | | | | | | | | |

1997 to 2013 Change in Annual Averages (%)

| | | _ | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|-------|-------|
| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| MI | NA | 0.7% | 4.2% | 0.6% | -3.3% | 2.5% | 1.6% | -0.7% | 1.2% | -1.5% | -1.1% | -4.4% | -7.9% |
| US | NA | 3.0% | 3.6% | 2.8% | -0.1% | 0.9% | 1.7% | 2.5% | 2.3% | 1.7% | 0.5% | -1.6% | -3.6% |
| MI Rank | NA | 41 | 15 | 41 | 48 | 8 | 33 | 49 | 40 | 50 | 42 | 45 | 48 |
| | 2010 | 2011 | 2012 | 2013 | | | | | | | | | |
| MI | 5.6% | 2.2% | 1.5% | 1.9% | | | | | | | | | |
| 110 | 4.00/ | 0.00/ | 4.00/ | 4.40/ | | | | | | | | | |

| US 1.3% 0.8% 1.8% 1.1 | | | | | | | | |
|-----------------------|---------|------|------|------|------|--|--|--|
| | MI Rank | 3 | 13 | 22 | 15 | | | |
| MI 5.6% 2.2% 1.5% 1.9 | US | 1.3% | 0.8% | 1.8% | 1.1% | | | |
| | MI | 5.6% | 2.2% | 1.5% | 1.9% | | | |

| Summar | Summary: CY 2013 | | | | | | |
|---------------|------------------|----|--|--|--|--|--|
| MI Per Capita | \$41,252 | | | | | | |
| Michigan Rank | | 38 | | | | | |
| %Δ Year Ago | 1.9% | | | | | | |
| Michigan Rank | | 15 | | | | | |

Michigan per capita real GDP was below the national average for 2013. Michigan ranked 38th in per capita real GDP. Michigan per capita GDP was 84.0% of the national average. Michigan per capita real GDP grew faster than the national

Highlights

average in 2013 and ranked 15th nationally by yearly growth rate.

Source: Bureau of Economic Analysis