

Key Labor Market and Economic Metrics



November Update

Incorporates Data Available on November 24th, 2015

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

Metrics	Latest Level	Chg From Prev. Mnth	Chg From Yr. Ago	Chg From Dec-10	Chg From Jul-09	U.S. Current Average	Worst State	Best State	Rankings: Annual 1990 to 2014						
									2014 Rank	Best Rank	Best Date	Worst Rank	Worst Date	Best Since	Date
MI Unemployment Rate	5.0%	0.0	-1.6	-6.2	-9.7	5.0%	6.9%	2.8%	46	18	1997	50	2006-2009		
MI Labor Force Participation Rate	60.1%	0.1	-0.3	-0.4	-2.2	62.4%	53.0%	69.7%	39	22	2000	43	2011-2012	40	2009
MI Labor Underutilization (U-6)	12.0%	-0.6 / Qtr.	-2.2 / Qtr.	-9 / Qtr.	-8.9 / Qtr.	10.8%	14.8%	5.5%	46	42	2015	50	2005-2009		
Initial Claims for U.I. Benefits	9,192	-92	-2,216	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Online Job Ads	185,204	5,258	16,650	90,970	119,090	NA	NA	NA	NA	NA	NA	NA	NA		
MI Payroll Jobs	4,276,900	13,600	79,600	382,600	446,600	NA	NA	NA	8	8	Several	11	2009		
MI Private Payroll Jobs	3,688,800	8,000	88,400	420,100	502,200	NA	NA	NA	8	8	Several	9	2009		
MI Government Jobs	588,100	5,600	-8,800	-37,500	-55,600	NA	NA	NA	12	8	1990-2005	12	2009-2013		
MI Avg. Hourly Earnings(1)	\$21.16	-\$0.13	\$0.54	NA	NA	NA	NA	NA	NA	NA					
U.S. Retail Sales (\$ billions)	\$447.3	0.1%	1.8%	21.0%	31.3%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U.S. Light Vehicle Sales (mill.)	18.1	0.1	1.7	5.7	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Motor Vehicle Production	200,635	-8,260	12,438	97,736	133,707	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Building Permits for Housing Starts	18,590	312	2,453	9,550	10,862	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Home Price Index, Detroit(2)	100.66	-0.5%	5.4%	48.6%	45.3%	193.19	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Per Capita Personal Income	\$40,740	NA	3.9%	NA	NA	\$46,049	\$34,431	\$64,864	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	2.61%	NA	0.00%	NA	NA	NA	0.17%	13.35%	13	9	1990-2005	13	2009-2014		
MI Real GDP Per Capita	\$42,110	NA	1.7%	NA	NA	\$49,469	\$31,551	\$66,160	37	20	1999	42	2009	37	2013

(1) Production Workers, Manufacturing

(2) For Index, CY 2000 = 100

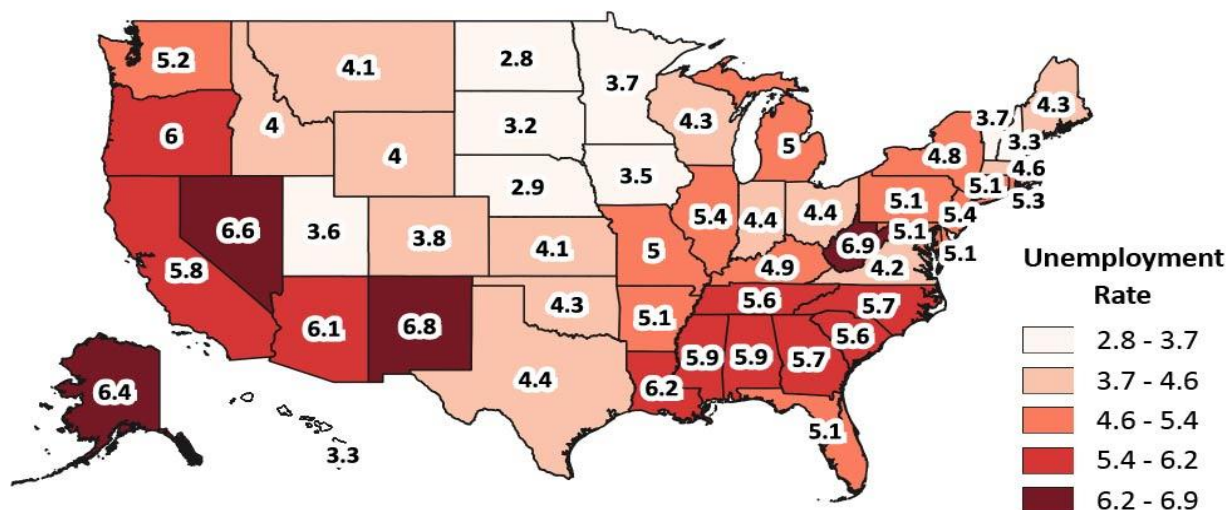
TABLE OF METRICS

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

UNEMPLOYMENT RATE COMPARISONS

October 2015

Last Update: 11/24/15



Summary: October 2015

MI Rank	25
Δ / month	Up 1
Δ / year	Down 19

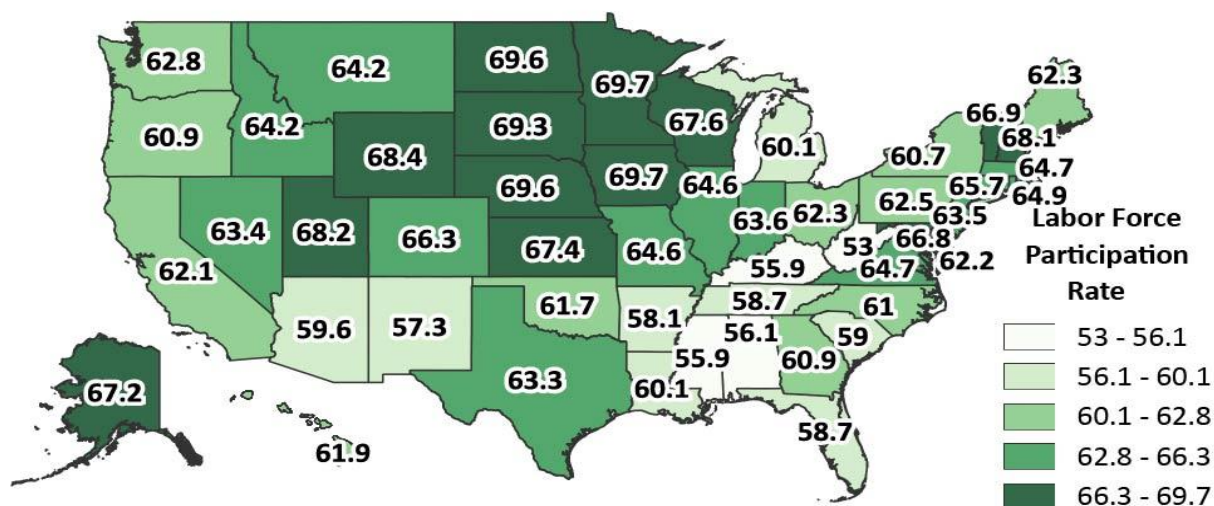
Highlights

Michigan's unemployment rate remained at 5.0 percent. Michigan's ranking among the states registered 25th out of 50. Over the year, Michigan's ranking improved by 19 spots.

LABOR FORCE PARTICIPATION RATE COMPARISONS

October 2015

Last Update: 11/24/15



Summary: October 2015

MI Rank	39
Rank Last Mo	Down 1
Rank Last Yr	Down 1

Highlights

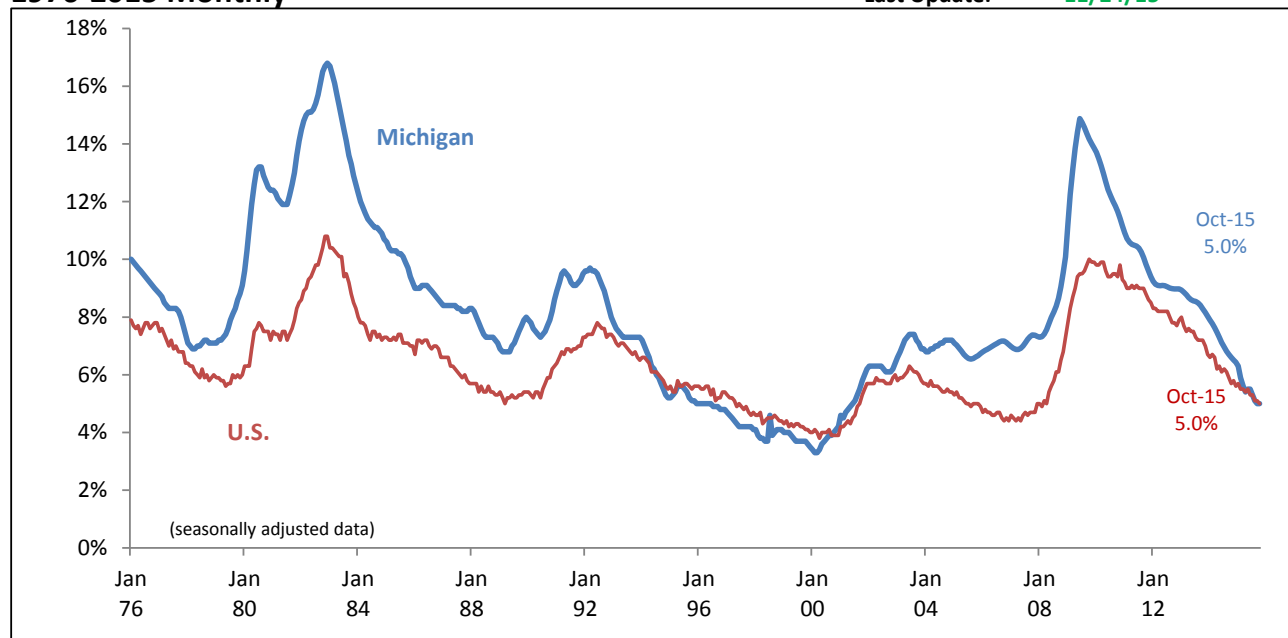
Michigan's labor force participation rose to 60.1 percent in October, ranking 39th out of the fifty states. Michigan's rank went down by one spot since last month and over the year.

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

UNEMPLOYMENT RATE

1976-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	7.7%	9.3%	9.2%	7.4%	6.2%	5.3%	4.9%	4.3%	4.0%	3.8%	3.7%	5.2%	6.2%
U.S.	5.6%	6.8%	7.5%	6.9%	6.1%	5.6%	5.4%	4.9%	4.5%	4.2%	4.0%	4.7%	5.8%
Rank	48	49	48	42	35	28	21	18	20	21	22	38	41
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	7.1%	7.1%	6.8%	6.9%	7.1%	8.3%	13.5%	12.7%	10.4%	9.1%	8.9%	7.3%	
U.S.	6.0%	5.5%	5.1%	4.6%	4.6%	5.8%	9.3%	9.6%	8.9%	8.1%	7.4%	6.2%	
Rank	47	48	47	50	50	50	50	49	46	44	46	46	

2014 & 2015 Monthly Detail (percent of labor force)

	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	7.9%	7.8%	7.6%	7.5%	7.3%	7.1%	7.0%	6.8%	6.7%	6.6%	6.5%	6.4%
U.S.	6.6%	6.7%	6.6%	6.2%	6.3%	6.1%	6.2%	6.1%	5.9%	5.7%	5.8%	5.6%
Rank	46	45	44	44	44	47	46	44	44	44	41	37
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	6.3%	5.9%	5.6%	5.4%	5.5%	5.5%	5.3%	5.1%	5.0%	5.0%		
U.S.	5.7%	5.5%	5.5%	5.4%	5.5%	5.3%	5.3%	5.1%	5.1%	5.0%		
Rank	36	33	28	27	29	28	26	24	24	25		

Summary: October 2015

Rate	5.0%
Δ / month	0.0
Δ / year	-1.6

MI Rank 25

Highlights

Michigan's seasonally adjusted unemployment rate remained at 5.0 percent. At its current level, Michigan's jobless rate is lower by 6.2 percentage points since December 2010, and has dropped 1.6 percentage points over the year.

Source: Bureau of Labor Market Information, Local Area Unemployment Statistics (LAUS)

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	7.1%	7.0%	6.9%	6.8%	6.7%	6.6%	6.6%	6.5%	6.6%	6.6%	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	6.8%	6.8%	6.9%	6.9%	7.0%	7.0%	7.1%	7.1%	7.2%	7.2%	7.1%	7.0%
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	7.0%	6.9%	6.9%	6.9%	6.9%	7.0%	7.1%	7.2%	7.3%	7.4%	7.4%	7.3%
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	7.3%	7.3%	7.4%	7.6%	7.8%	8.0%	8.2%	8.4%	8.7%	9.0%	9.5%	10.1%
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	11.2%	12.2%	13.1%	13.8%	14.4%	14.9%	14.7%	14.6%	14.4%	14.2%	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	13.7%	13.5%	13.3%	13.0%	12.7%	12.4%	12.2%	12.0%	11.9%	11.7%	11.4%	11.2%
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	10.9%	10.7%	10.6%	10.5%	10.5%	10.5%	10.4%	10.3%	10.1%	9.8%	9.6%	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%	9.1%	9.1%	9.1%	9.1%	9.1%	9.0%	9.0%	9.0%	9.0%	9.0%
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%	8.9%	8.8%	8.7%	8.6%	8.6%	8.5%	8.5%	8.4%	8.3%	8.2%	8.0%
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	-9.7	Percentage Points
-----------------------	------	-------------------

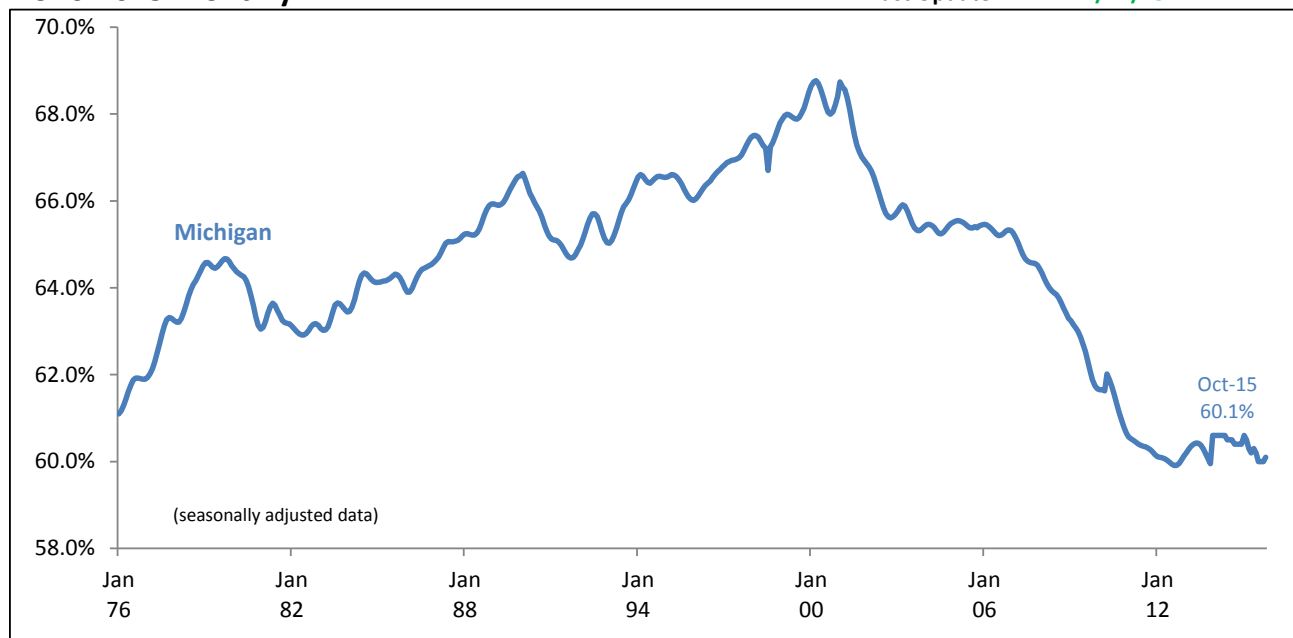
Change from December 2010	-6.2	Percentage Points
---------------------------	------	-------------------

Source: Bureau of Labor Market Information, Local Area Unemployment Statistics (LAUS)

LABOR FORCE PARTICIPATION RATE

1976-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	65.7%	65.0%	65.6%	66.1%	66.5%	66.0%	66.3%	66.9%	67.5%	68.5%	68.7%	67.6%	65.8%
Rank	37	37	37	34	31	35	35	33	28	23	22	27	36
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	65.6%	65.7%	65.7%	65.4%	64.4%	63.3%	63.1%	62.0%	60.5%	60.0%	60.5%	60.5%	
Rank	35	34	33	35	37	41	39	40	43	43	40	39	

2014 & 2015 Monthly Detail

	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	60.6%	60.6%	60.6%	60.6%	60.6%	60.5%	60.5%	60.5%	60.4%	60.4%	60.4%	60.4%
Rank	39	39	40	40	40	40	39	39	40	40	40	39
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	60.6%	60.5%	60.3%	60.2%	60.3%	60.2%	60.0%	60.0%	60.0%	60.1%		
Rank	37	38	41	41	41	40	40	40	40	39		

Summary: October 2015

Rate	60.1%
Δ / month	▲ 0.1
Δ / year	▲ -0.3

MI Rank 39

Highlights

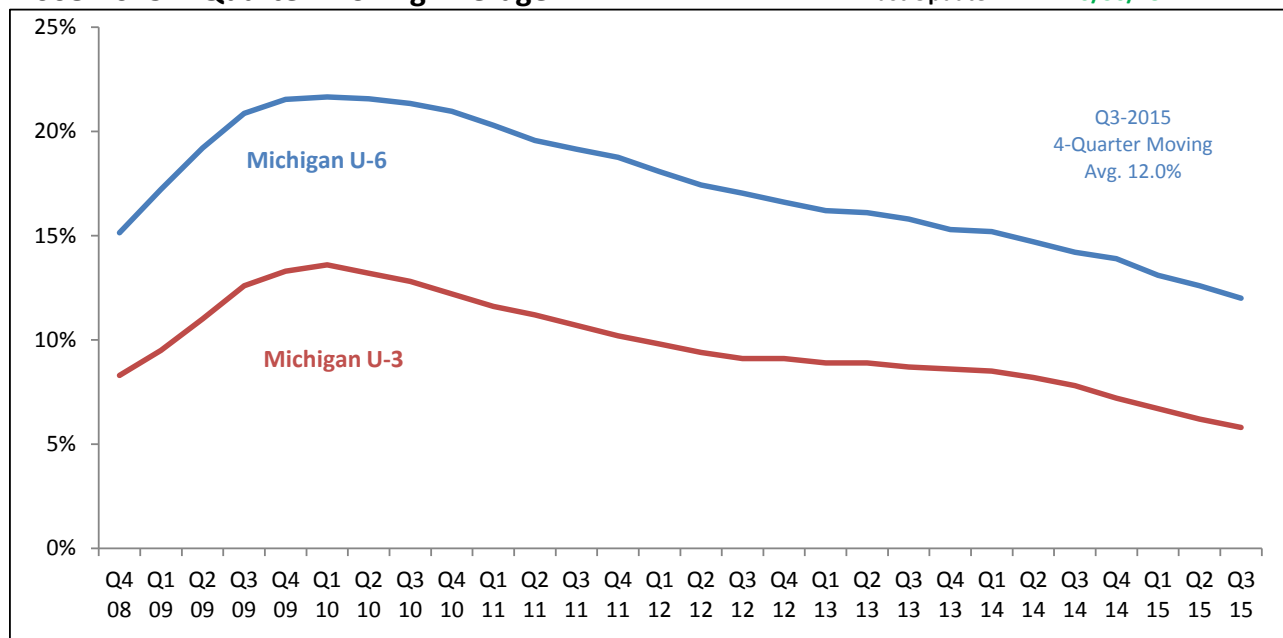
The labor force participation rate is a measure of the labor force as a percent of the 16+ civilian non-institutional population. During the latter half of the twentieth century, the labor force participation rate increased dramatically, largely driven by an increasing number of women joining the labor force. Since 2001, the rate has steadily declined, exacerbated by the 2001 and 2008 recessions. The labor force participation rate in Michigan rose by one tenth of a percentage point over the month.

Source: Bureau of Labor Market Information, Local Area Unemployment Statistics (LAUS)

MEASURE OF LABOR UNDERUTILIZATION (U-6)

2008-2015 4-Quarter Moving Average

Last Update: 10/30/15



2003 to 2014 Annual Averages

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Rank

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	12.2%	12.1%	12.0%	12.2%	12.8%	15.1%	21.5%	21.0%	18.8%	16.6%	15.3%	13.9%
Rank	47	48	50	50	50	50	50	48	48	45	44	46

2009 to 2015 4-Quarter Moving Average

	Q4-09	Q1-10	Q2-10	Q3-10	Q4-10	Q1-11	Q2-11	Q3-11	Q4-11	Q1-12	Q2-12	Q3-12
MI	21.5%	21.7%	21.6%	21.3%	21.0%	20.3%	19.6%	19.2%	18.8%	18.1%	17.4%	17.0%

	Q4-12	Q1-13	Q2-13	Q3-13	Q4-13	Q1-14	Q2-14	Q3-14	Q4-14	Q1-15	Q2-15	Q3-15
MI	16.6%	16.2%	16.1%	15.8%	15.3%	15.2%	14.7%	14.2%	13.9%	13.1%	12.6%	12.0%

Summary: 2015 Q3

4-Qtr Mov. Avg.	12.0%
Δ / Qtr.	▲ -0.6
Δ / year	▲ -2.2

MI Rank 42

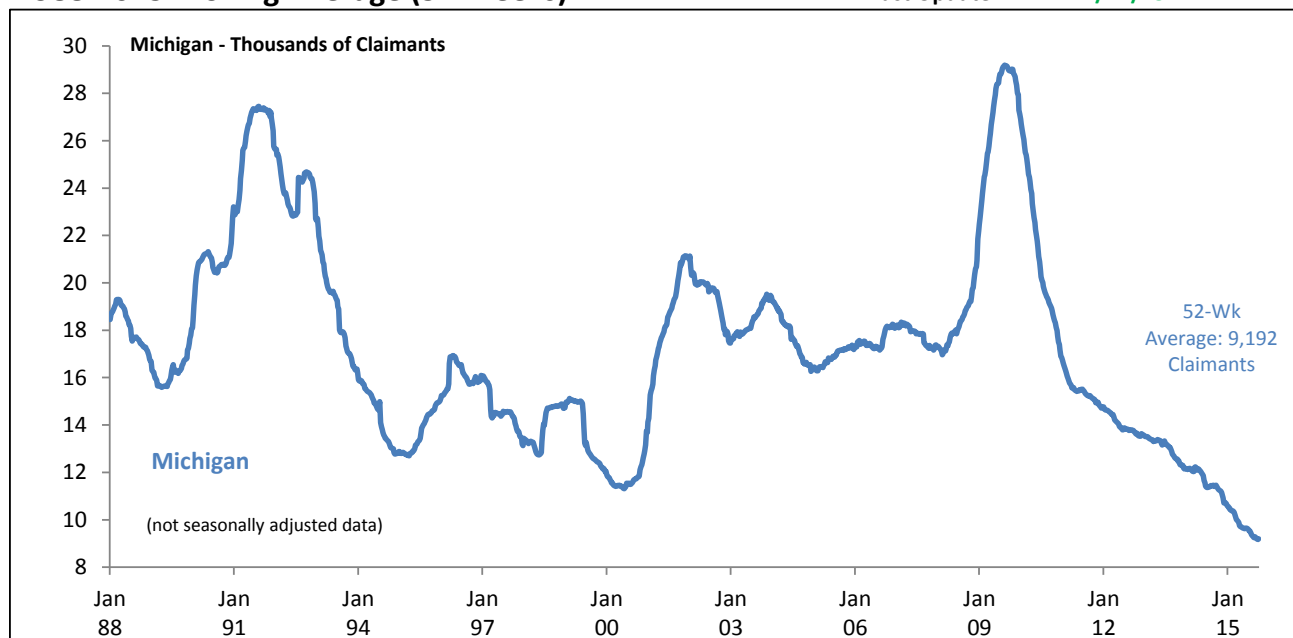
Highlights

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 12.0 percent for the twelve month period ending third quarter 2015, the lowest rate since before the beginning of the Great Recession. The U-6 for the U.S. is 10.8 percent.

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

INITIAL CLAIMS FOR UNEMPLOYMENT BENEFITS

1988-2015 Moving Average (52 Weeks)

 Last Update: **11/24/15**

1990 to 2014 Annual Totals (thousands of claimants)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	1,207	1,335	1,181	851	694	781	837	686	765	629	742	1,096	913

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	1,004	846	942	947	903	1,075	1,456	910	802	709	639	557

2014 & 2015 Moving Average (52 Week) in Last Week of Month (thousands of claimants)

	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	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	10.57	10.40	10.31	9.97	9.70	9.63	9.63	9.37	9.28	9.19

Summary: October 2015

52 Week Avg.	9,192
#Δ / month	-92
%Δ / month	▲ -1.0%
#Δ / year	-2,216
%Δ / year	● -19.4%

Highlights

There were 10,621 initial claims filed for state unemployment insurance benefits for the week of October 24 to October 31.

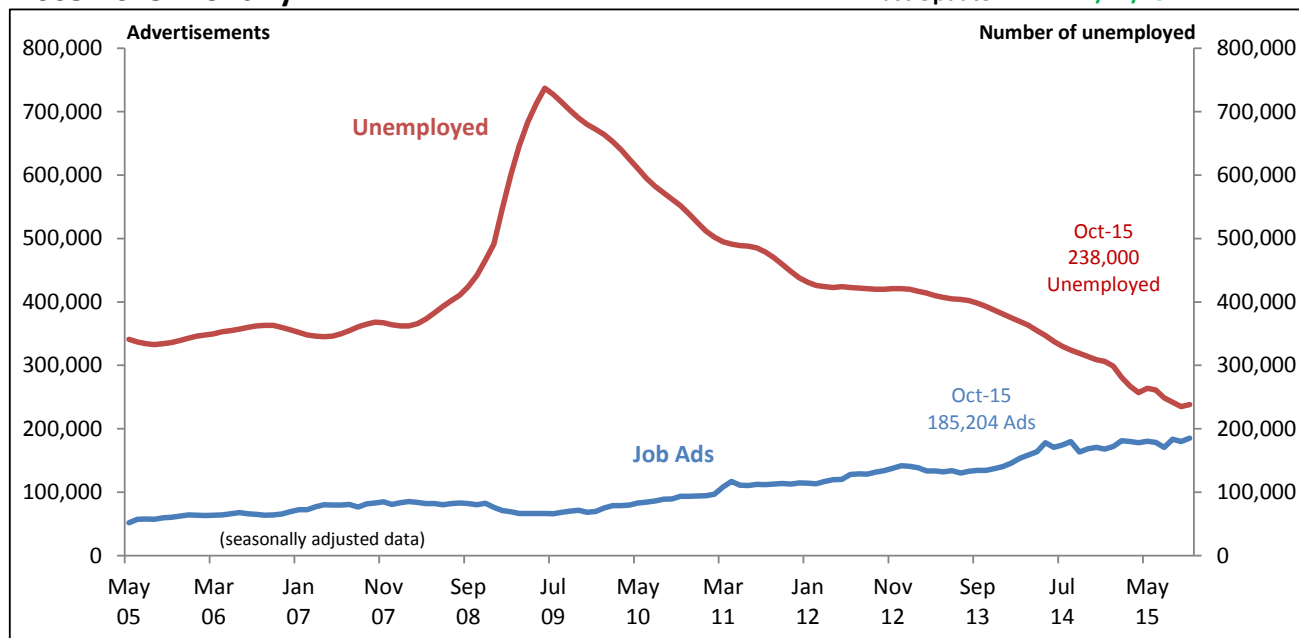
The 52 week moving average, which offers a better picture of the trend in initial claims, measured 9,192, which was a 92 claimant decrease over the month. Since October 2014, the 52 week moving average is 19.4 percent lower.

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

ONLINE JOB ADVERTISEMENTS vs. UNEMPLOYED

2005-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of advertisements / individuals)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ads	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Unemp.	351.0	423.0	420.0	342.0	288.0	254.0	239.0	211.0	195.0	190.0	186.0	265.0	315.0

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ads	n/a	n/a	60.7	65.3	79.3	82.0	68.4	85.8	113.3	128.6	136.8	164.3
Unemp.	361.0	357.0	344.0	356.0	352.0	392.0	670.0	605.0	489.0	427.0	422.0	348.0

2014 & 2015 Monthly Detail (thousands of advertisements / individuals)

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Ads	145.8	153.6	158.8	164.0	178.0	170.9	174.4	179.9	163.2	168.6	170.5	168.1
Unemp.	375.0	369.0	363.0	355.0	347.0	338.0	330.0	324.0	319.0	314.0	309.0	306.0

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Ads	172.1	181.3	179.7	178.1	180.4	178.6	170.9	183.7	179.9	185.2
Unemp.	299.0	281.0	267.0	257.0	264.0	261.0	249.0	242.0	235.0	238.0

Summary: October 2015

Job Ads	185,204
#Δ / month	5,258
#Δ / year	16,650

Highlights

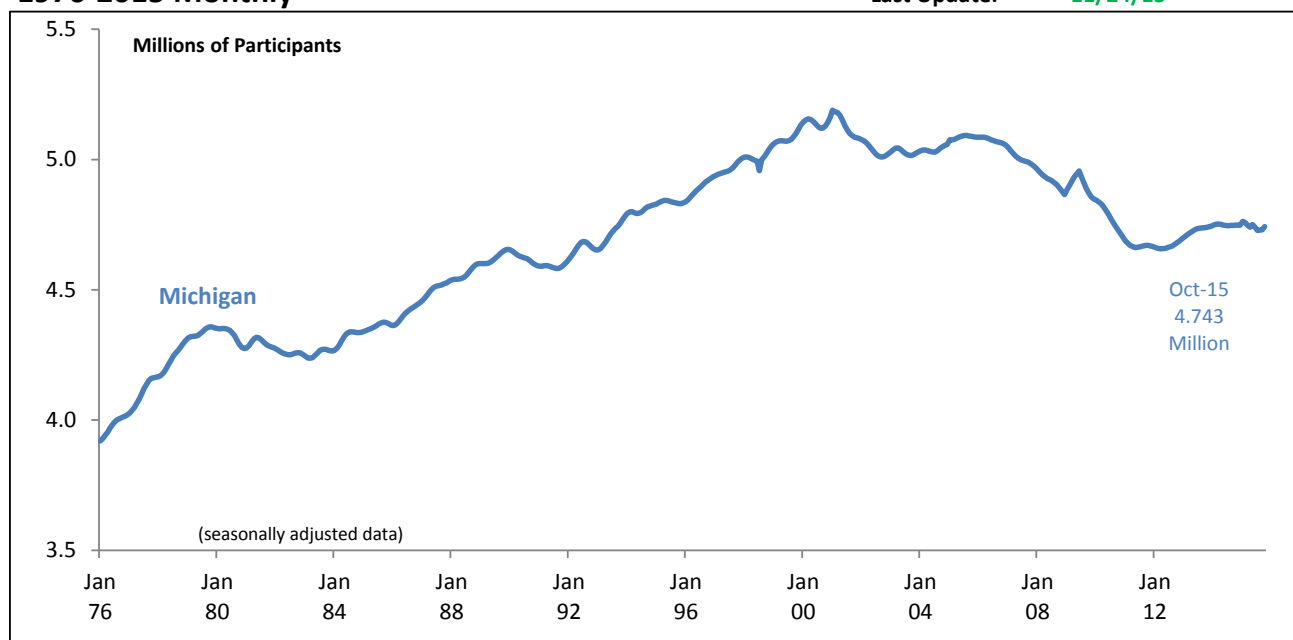
According to The Conference Board's Help Wanted Online Data Series, Michigan's seasonally adjusted online advertised job postings measured 185,204 in October. This value is an increase of 5,258 ads over the month, and since October 2014 ads have increased by 16,650.

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

LABOR FORCE

1976-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (millions of participants)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	4.620	4.589	4.662	4.712	4.804	4.835	4.888	4.963	5.008	5.089	5.144	5.144	5.040

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	5.033	5.062	5.083	5.077	5.011	4.921	4.904	4.799	4.687	4.671	4.728	4.750

2014 & 2015 Monthly Detail (millions of participants)

	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	4.748	4.751	4.752	4.751	4.748	4.747	4.746	4.747	4.747	4.748	4.748	4.748

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	4.763	4.758	4.747	4.740	4.750	4.740	4.728	4.729	4.730	4.743

Summary: October 2015

Labor Force	4,743,000
#Δ / month	13,000
%Δ / month	▲ 0.3%
#Δ / year	-5,000
%Δ / year	▲ -0.1%

Highlights

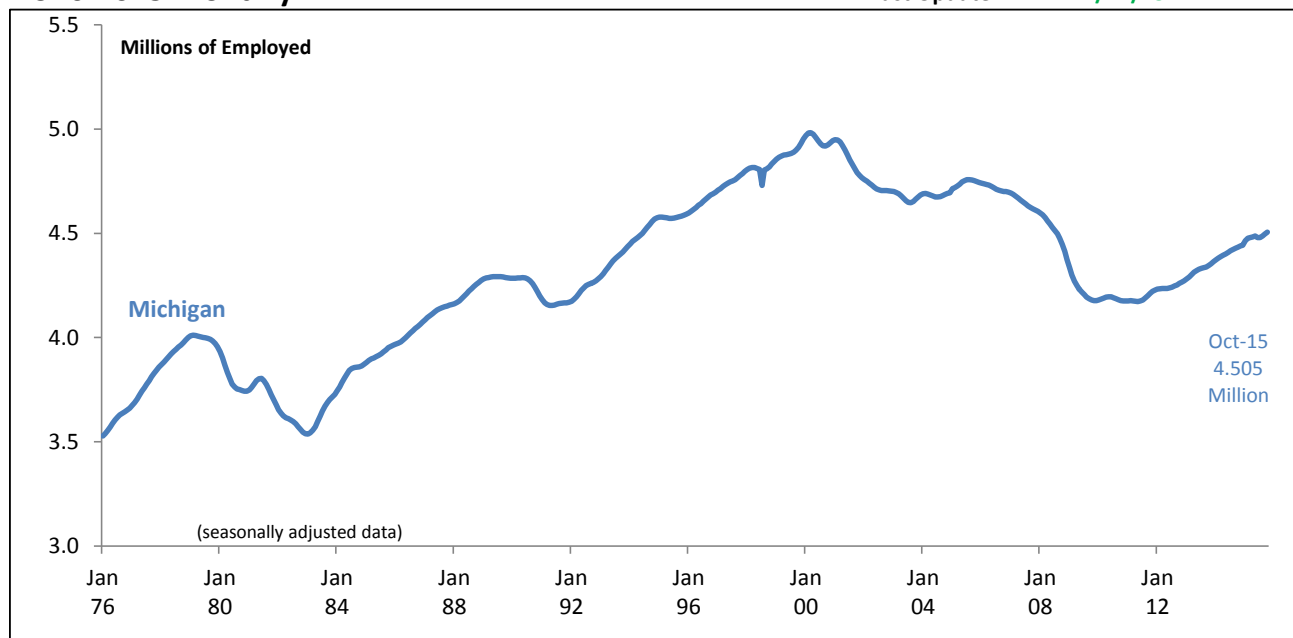
The labor force, which is the sum of employed and unemployed persons, increased by 13,000 over the month. Since October 2014, the labor force has decreased by 5,000 individuals.

Source: Bureau of Labor Market Information, Local Area Unemployment Statistics (LAUS)

HOUSEHOLD EMPLOYMENT

1976-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (millions of employed)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	4.262	4.162	4.235	4.365	4.509	4.577	4.647	4.749	4.810	4.897	4.953	4.876	4.725

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	4.676	4.706	4.739	4.721	4.659	4.529	4.234	4.194	4.198	4.244	4.306	4.402

2014 & 2015 Monthly Detail (millions of employed)

	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	4.373	4.381	4.389	4.395	4.402	4.409	4.416	4.423	4.429	4.434	4.439	4.442

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	4.464	4.477	4.480	4.483	4.487	4.480	4.479	4.487	4.496	4.505

Summary: October 2015

Employment	4,505,000
#Δ / month	▲ 9,000
%Δ / month	0.2%
#Δ / year	▲ 71,000
%Δ / year	1.6%

Highlights

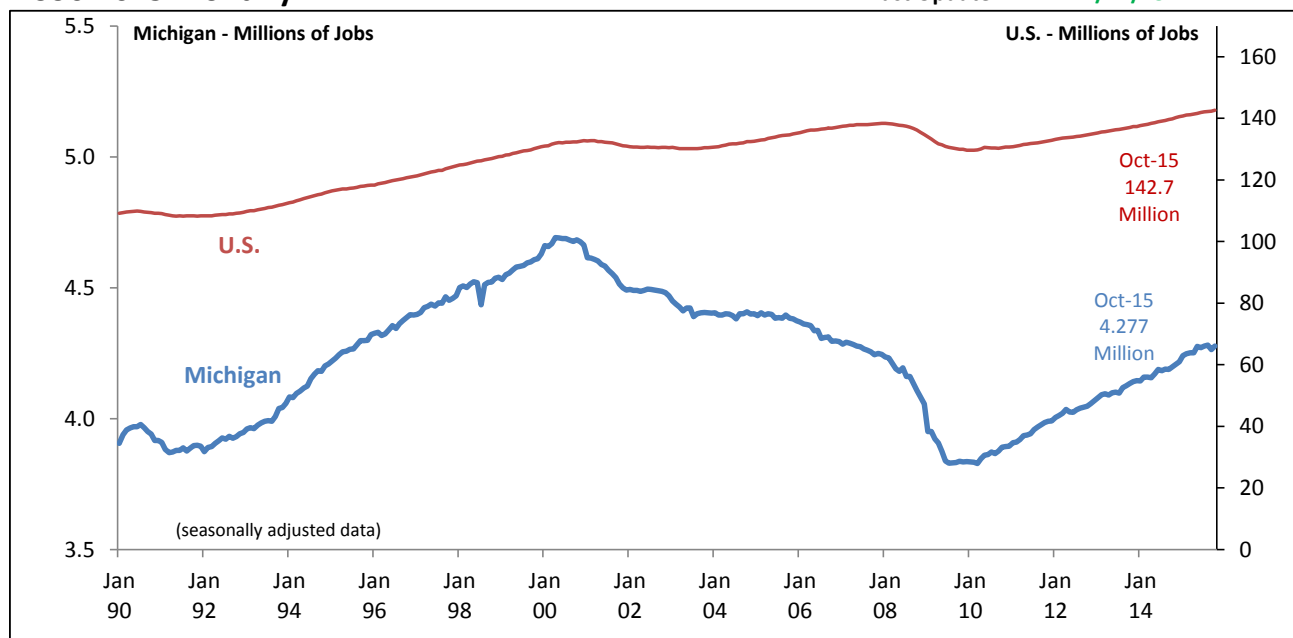
Employment in Michigan expanded by 9,000 from September to October. In addition, employment is up by 71,000 since October 2014, an increase of 1.6 percent.

Source: Bureau of Labor Market Information, Local Area Unemployment Statistics (LAUS)

PAYROLL JOBS

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (millions of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	3.946	3.884	3.919	3.999	4.141	4.269	4.352	4.439	4.514	4.585	4.676	4.564	4.487
U.S.	109.5	108.4	108.8	110.9	114.4	117.4	119.8	123.0	126.2	129.2	132.0	132.1	130.6
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	4.416	4.399	4.390	4.327	4.268	4.162	3.871	3.863	3.952	4.033	4.109	4.180	
U.S.	130.3	131.7	134.0	136.4	137.9	137.2	131.2	130.3	131.8	134.1	136.4	139.0	
Rank	8	8	8	8	8	8	11	9	8	8	8	8	

2014 & 2015 Monthly Detail (millions 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	4.144	4.158	4.158	4.157	4.171	4.188	4.184	4.189	4.187	4.197	4.207	4.218
U.S.	137.6	137.8	138.1	138.4	138.6	138.9	139.2	139.4	139.6	139.8	140.3	140.6
Rank	8	8	8	9	9	8	8	9	9	10	10	10
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	4.241	4.248	4.252	4.252	4.276	4.271	4.278	4.281	4.263	4.277		
U.S.	140.79	141.1	141.2	141.4	141.6	141.9	142.1	142.2	142.4	142.7		
Rank	8	8	8	8	8	8	8	8	10	9		

Summary: October 2015

Total Jobs	4,276,900
#Δ / month	13,600
#Δ / year	79,600

Highlights

Total nonfarm payrolls increased by 13,600 in October, bringing total nonfarm payrolls to 4,276,900. Between October 2014 and October 2015, total nonfarm payrolls grew by 79,600, or 1.9 percent.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS (Historical)

Seasonally Adjusted

Millions

	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	3.833	3.829	3.847	3.860	3.863	3.872	3.867	3.876	3.891	3.893	3.894
Δ mo.	-0.001	-0.001	-0.005	0.019	0.013	0.003	0.010	-0.005	0.009	0.015	0.002	0.001
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	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
MI	3.908	3.910	3.920	3.935	3.937	3.943	3.959	3.968	3.977	3.985	3.990	3.991
Δ mo.	0.014	0.002	0.010	0.015	0.003	0.005	0.016	0.010	0.009	0.008	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

	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	4.005	4.011	4.021	4.035	4.025	4.024	4.034	4.040	4.044	4.047	4.057	4.068
Δ mo.	0.014	0.006	0.010	0.014	-0.010	-0.001	0.009	0.007	0.003	0.004	0.010	0.011
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	4.079	4.091	4.095	4.090	4.099	4.101	4.097	4.118	4.126	4.134	4.141	4.145
Δ mo.	0.011	0.012	0.004	-0.005	0.009	0.002	-0.004	0.021	0.008	0.008	0.007	0.004
U.S.	135.3	135.5	135.7	135.9	136.1	136.3	136.4	136.6	136.8	137.0	137.3	137.4
Δ mo.	0.197	0.280	0.141	0.203	0.199	0.201	0.149	0.202	0.164	0.237	0.274	0.084

Change from July 2009 446,600

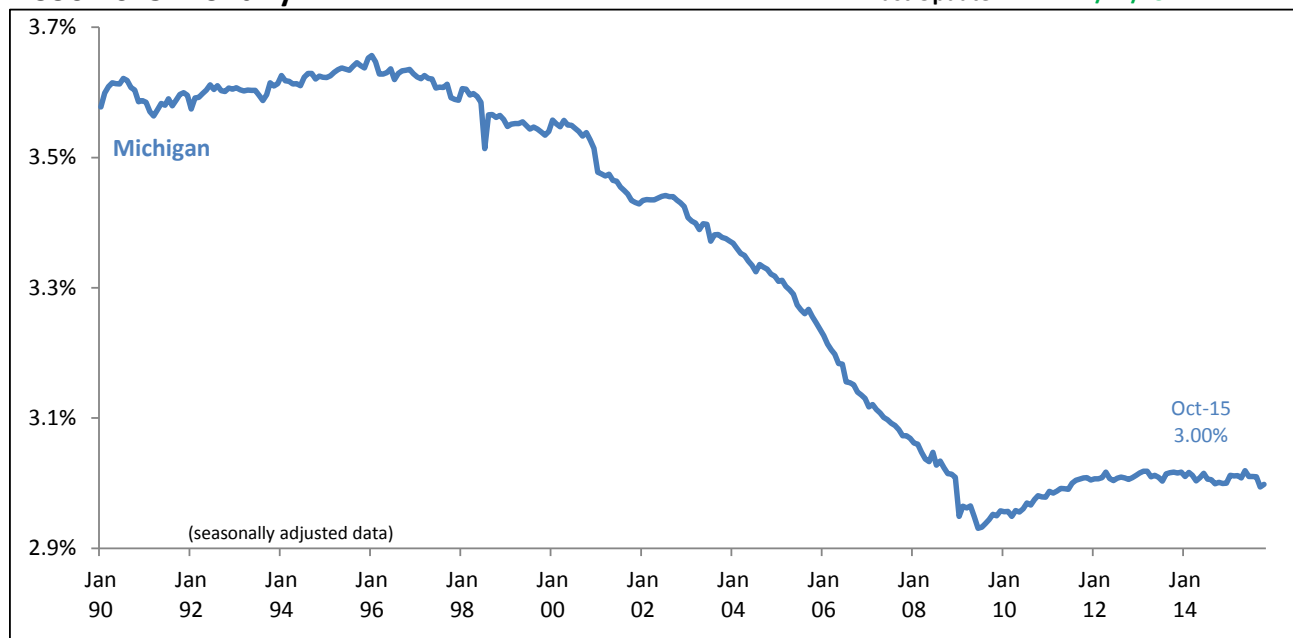
Change from December 2010 382,600

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

MICHIGAN'S SHARE OF U.S. PAYROLL JOBS

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	3.60%	3.58%	3.60%	3.60%	3.62%	3.64%	3.63%	3.61%	3.58%	3.55%	3.54%	3.46%	3.43%
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	3.39%	3.34%	3.28%	3.17%	3.09%	3.03%	2.95%	2.97%	3.00%	3.01%	3.01%	3.01%	
Rank	8	8	8	8	8	8	11	9	8	8	8	8	

2014 & 2015 Monthly Detail

	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	3.01%	3.02%	3.01%	3.00%	3.01%	3.02%	3.01%	3.01%	3.00%	3.00%	3.00%	3.00%
Rank	8	8	8	9	9	8	8	9	9	10	10	10
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	3.01%	3.01%	3.01%	3.01%	3.02%	3.01%	3.01%	3.01%	2.99%	3.00%		
Rank	8	8	8	8	8	8	8	8	10	9		

Summary: October 2015

% Share	3.00%
Δ / month	▲ 0.01
Δ / year	▲ 0.00

*Δ calculated with unrounded data

Highlights

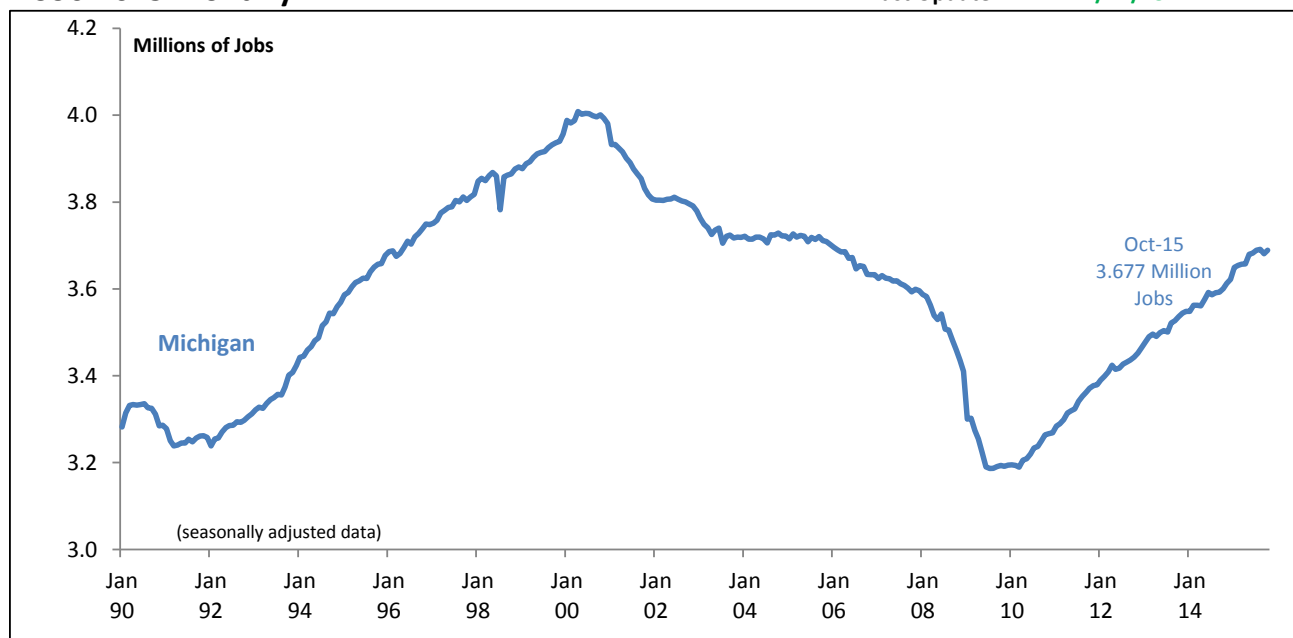
Michigan's share of U.S. payroll jobs rose to 3.0 percent. After dropping to below 3 percent in 2009 and 2010, Michigan's share of U.S. payrolls has consistently hovered near 3 percent since 2011. Since 1990, Michigan has seen its jobs as a share of U.S. jobs steadily decline, reflecting significant job losses in Michigan.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PRIVATE SECTOR PAYROLL JOBS

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (millions of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	3.316	3.252	3.283	3.361	3.503	3.628	3.709	3.792	3.858	3.917	3.995	3.879	3.800
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	3.731	3.719	3.716	3.661	3.612	3.512	3.224	3.228	3.334	3.425	3.511	3.584	
Rank	8	8	8	8	8	8	9	8	8	8	8	8	

2014 and 2015 Monthly Detail (millions 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	3.548	3.562	3.562	3.561	3.576	3.592	3.587	3.591	3.593	3.600	3.613	3.622
Rank	8	8	8	8	8	8	8	8	8	8	8	8
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	3.649	3.654	3.657	3.657	3.680	3.683	3.689	3.691	3.681	3.689		
Rank	8	8	8	8	8	8	8	8	8	8		

Summary: October 2015

Total Jobs	3,688,800
#Δ / month	▲ 8,000
%Δ / month	0.2%
#Δ / year	● 88,400
%Δ / year	2.5%

Highlights

In the private sector, jobs increased by 8,000 from September to October. Over the year there have been 88,400 private sector payroll jobs added. From the 2009 annual average to the 2014 annual average, private sector jobs increased by 360,000.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PRIVATE SECTOR JOBS (Historical)

Seasonally Adjusted

Millions

	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	3.194	3.190	3.206	3.209	3.220	3.234	3.237	3.251	3.264	3.267	3.269
Δ mo.	0.000	-0.001	-0.004	0.016	0.003	0.011	0.014	0.003	0.014	0.013	0.003	0.002
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	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
MI	3.284	3.289	3.299	3.314	3.320	3.324	3.341	3.353	3.362	3.371	3.378	3.379
Δ mo.	0.015	0.006	0.009	0.015	0.006	0.004	0.018	0.011	0.009	0.009	0.006	0.002
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	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
MI	3.390	3.399	3.409	3.424	3.415	3.418	3.427	3.432	3.436	3.443	3.453	3.465
Δ mo.	0.011	0.009	0.010	0.015	-0.009	0.002	0.010	0.004	0.005	0.007	0.010	0.012
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

	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	3.477	3.490	3.496	3.490	3.499	3.504	3.500	3.522	3.527	3.536	3.544	3.549
Δ mo.	0.012	0.013	0.006	-0.006	0.009	0.005	-0.004	0.021	0.005	0.010	0.008	0.004
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

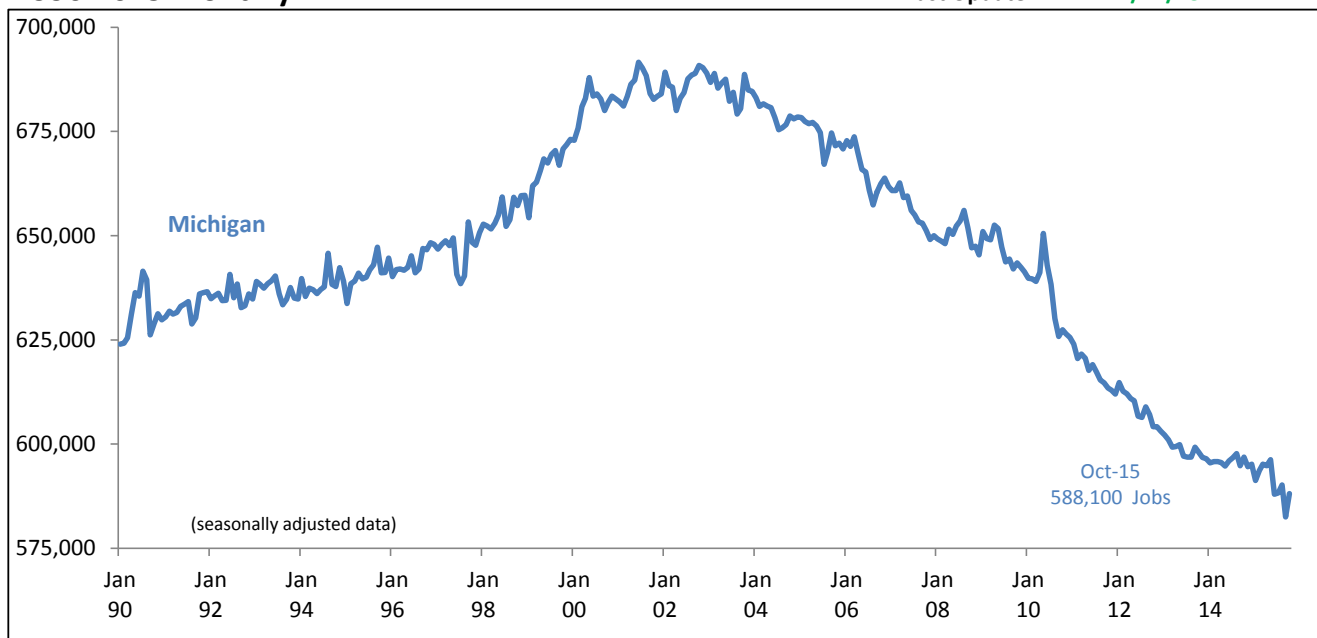
Change from July 2009	502,200
Change from December 2010	420,100

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

GOVERNMENT PAYROLL JOBS

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	630.6	632.5	635.8	637.7	638.8	640.7	643.6	647.2	655.8	667.4	681.4	685.0	686.6
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	685.4	679.7	674.1	665.3	655.7	650.0	646.8	635.6	617.4	608.5	598.6	595.4	
Rank	8	8	8	11	11	12	12	12	12	12	12	12	

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	595.5	595.8	595.8	595.6	594.7	596.0	596.7	597.7	594.8	596.9	594.6	595.2
Rank	12	12	12	12	12	12	12	12	12	12	12	12
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	591.3	593.7	595.2	594.8	596.3	588.0	588.3	590.2	582.5	588.1		
Rank	12	12	12	12	12	12	12	12	12	12		

Summary: October 2015

Total Jobs	588,100
#Δ / month	5,600
%Δ / month	1.0%
#Δ / year	-8,800
%Δ / year	-1.5%

Highlights

Government sector jobs increased by 5,600 in October. This gain occurred at the *State* (+3,600) and *Local* (+2,200) levels and was primarily due to the somewhat later start of the school year. Public sector jobs decreased by 8,800 over the year on contractions at the *Local* (-6,200) and *State* (-3,000) levels.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

GOVERNMENT JOBS (Historical)

Seasonally Adjusted

Thousands

	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	639.8	639.6	639.0	641.2	650.5	642.9	638.3	630.1	625.8	627.4	626.4	625.6
Δ mo.	-1.50	-0.20	-0.60	2.20	9.30	-7.60	-4.60	-8.20	-4.30	1.60	-1.00	-0.80
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	624.0	620.5	621.6	620.6	617.7	619.1	617.3	615.4	614.7	613.5	612.9	612.0
Δ mo.	-1.60	-3.50	1.10	-1.00	-2.90	1.40	-1.80	-1.90	-0.70	-1.20	-0.60	-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

	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	614.8	612.7	612.1	610.9	610.4	606.7	606.4	608.9	607.1	604.2	604.2	603.1
Δ mo.	2.80	-2.10	-0.60	-1.20	-0.50	-3.70	-0.30	2.50	-1.80	-2.90	0.00	-1.10
U.S.	21,949	21,947	21,945	21,922	21,913	21,892	21,915	21,943	21,923	21,896	21,874	21,892
Δ mo.	-1.0	-2.0	-2.0	-23.0	-9.0	-21.0	23.0	28.0	-20.0	-27.0	-22.0	18.0

	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	601.0	599.3	599.4	599.9	597.1	596.9	596.9	599.3	598.1	596.8	596.5
Δ mo.	-0.90	-1.20	-1.70	0.10	0.50	-2.80	-0.20	0.00	2.40	-1.20	-1.30	-0.30
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

Change from July 2009 -55,600

Change from December 2010 -37,500

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

GOVERNMENT JOBS (Detail)

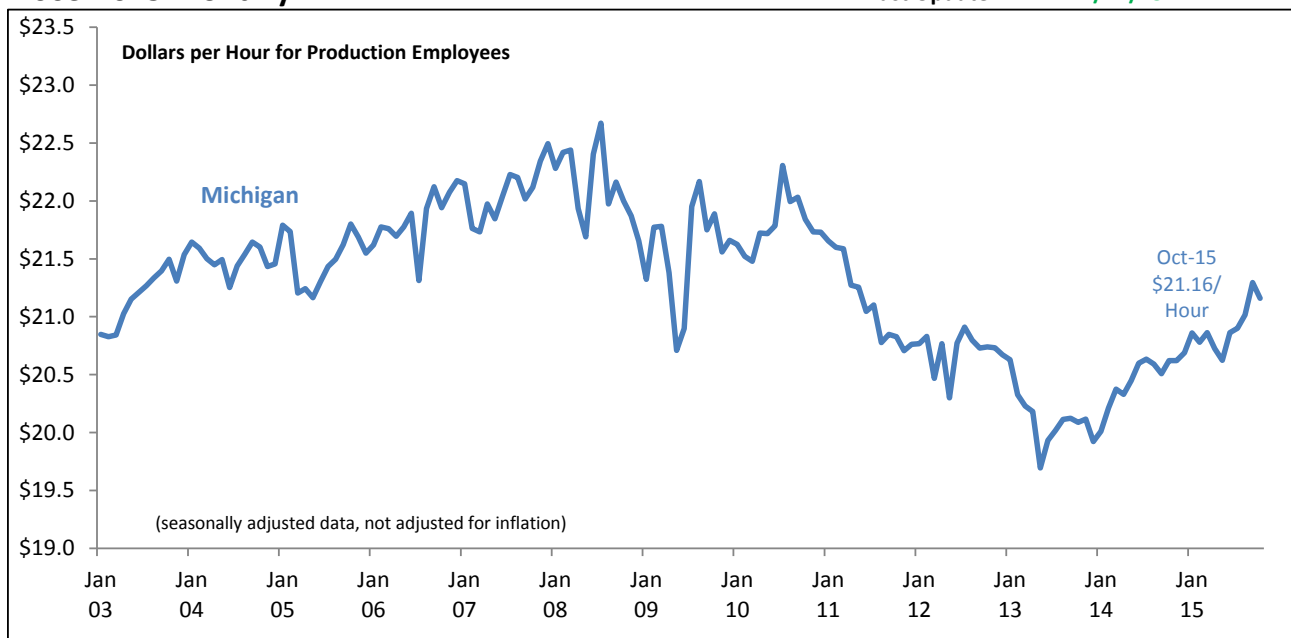
Seasonally Adjusted										Thousands		
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
MI Fed	53,600	53,700	53,700	53,500	53,500	53,500	53,500	53,300	53,500	53,300	53,200	53,000
MI State	168,700	169,700	169,800	173,300	171,200	173,000	174,000	175,300	176,800	175,900	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	55,400	55,300	56,300	58,400	70,800	61,200	59,700	55,700	53,900	53,800	53,800	53,600
MI State	178,100	179,000	178,700	178,700	178,200	178,300	177,900	178,600	178,500	179,300	179,000	178,700
MI Local	406,300	405,300	404,000	404,100	401,500	403,400	400,700	395,800	393,400	394,300	393,600	393,300
Total	639.8	639.6	639.0	641.2	650.5	642.9	638.3	630.1	625.8	627.4	626.4	625.6
	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	53,500	53,400	53,300	53,300	53,000	53,300	53,100	53,100	53,100	53,000	52,900
MI State	178,600	176,000	177,900	178,000	176,500	176,400	177,600	177,100	177,600	177,900	178,500	178,700
MI Local	391,800	391,000	390,300	389,300	387,900	389,700	386,400	385,200	384,000	382,500	381,400	380,400
Total	624.0	620.5	621.6	620.6	617.7	619.1	617.3	615.4	614.7	613.5	612.9	612.0
	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	52,900	52,700	52,700	52,600	52,700	52,700	52,700	52,500	52,500
MI State	181,800	180,100	180,000	180,100	180,900	180,700	178,000	178,900	179,200	178,900	178,600	179,000
MI Local	380,300	379,900	379,200	377,900	376,800	373,300	375,800	377,300	375,200	372,600	373,100	371,600
Total	614.8	612.7	612.1	610.9	610.4	606.7	606.4	608.9	607.1	604.2	604.2	603.1
	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	52,300	52,600	52,000	52,300	51,800	51,800	51,600	51,400	51,400	51,200	51,300	51,500
MI State	178,900	178,400	178,100	178,400	179,800	178,900	178,600	179,700	179,900	180,100	180,400	179,700
MI Local	371,000	370,000	369,200	368,700	368,300	366,400	366,700	365,800	368,000	366,800	365,100	365,300
Total	602.2	601.0	599.3	599.4	599.9	597.1	596.9	596.9	599.3	598.1	596.8	596.5
	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	51,200	50,900	51,000	51,000	50,800	50,900	50,700	50,900	50,800	51,000	51,100	51,400
MI State	179,700	180,100	180,300	180,300	180,400	179,400	180,500	180,400	180,600	182,700	181,700	183,300
MI Local	364,600	364,800	364,500	364,300	363,500	365,700	365,500	366,400	363,400	363,200	361,800	360,500
Total	595.5	595.8	595.8	595.6	594.7	596.0	596.7	597.7	594.8	596.9	594.6	595.2
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI Fed	50,800	51,300	51,400	51,900	51,500	51,600	51,500	51,700	51,600	51,400		
MI State	180,100	181,900	182,600	182,200	184,100	180,300	180,600	181,800	176,100	179,700		
MI Local	360,400	360,500	361,200	360,700	360,700	356,100	356,200	356,700	354,800	357,000		
Total	591.3	593.7	595.2	594.8	596.3	588.0	588.3	590.2	582.5	588.1		

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

AVERAGE HOURLY EARNINGS: MANUFACTURING

2003-2015 Monthly

Last Update: 11/24/15



2003 to 2014 Annual Averages (dollars per hour)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	21.20	21.51	21.49	21.85	22.08	22.13	21.58	21.79	21.11	20.71	20.12	20.46

2014 & 2015 Monthly Detail (dollars per hour)

	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	20.01	20.21	20.38	20.33	20.45	20.60	20.63	20.59	20.51	20.62	20.62	20.69

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	20.86	20.78	20.86	20.72	20.62	20.86	20.90	21.02	21.29	21.16

Summary: October 2015

Hours Worked	\$21.16
#Δ / month	-\$0.13
%Δ / month	▲ -0.6%
#Δ / year	\$0.54
%Δ / year	● 2.6%

Highlights

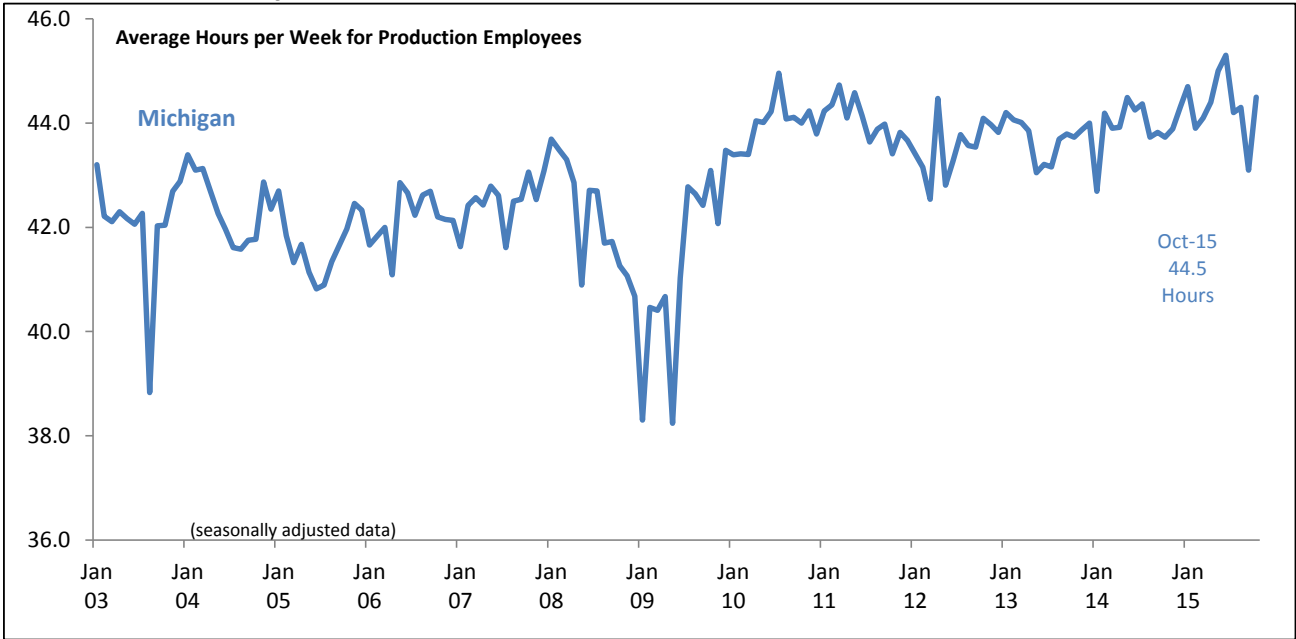
Manufacturing hourly earnings decreased over the month by \$0.13, or a 0.6 percent contraction. Hourly earnings have increased by \$0.54, or 2.6 percent, over the year.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

AVERAGE WEEKLY HOURS: MANUFACTURING

2003-2015 Monthly

Last Update: 11/24/15



2003 to 2014 Annual Averages (average hours per week)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	42.1	42.4	41.7	42.2	42.5	42.2	41.3	44.0	44.0	43.5	43.7	45.2

2014 & 2015 Monthly Detail (average hours per week)

	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	42.7	44.2	43.9	43.9	44.5	44.3	44.4	43.7	43.8	43.7	43.9	44.3

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	44.7	43.9	44.1	44.4	45.0	45.3	44.2	44.3	43.1	44.5

Summary: October 2015

Highlights

Hours Worked 44.5
#Δ / month ● 1.4
#Δ / year ▲ 0.8

(Rounded)

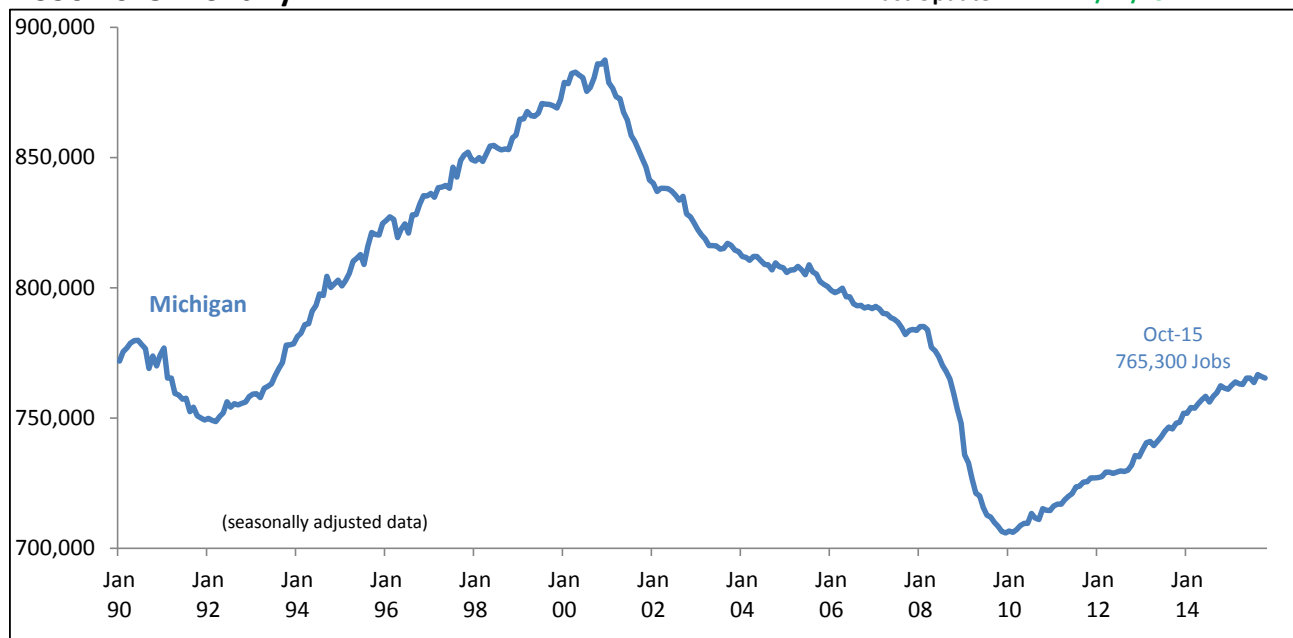
Average weekly hours worked in the state's *Manufacturing* sector increased by 1.4 hours over the month. Since October 2014, average weekly hours worked have increased by 0.8.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: TRADE, TRANSPORTATION, AND UTILITIES

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual 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	710.7	721.8	730.2	744.1	757.3	

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	751.8	754.1	753.8	755.5	757.1	758.4	756.2	758.4	759.7	762.4	761.6	761.1
Rank	11	11	11	11	11	11	11	11	11	11	11	11
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	762.5	763.9	763.2	762.9	765.3	765.3	763.6	766.7	766.0	765.3		
Rank	11	11	11	11	11	11	11	11	11	11		

Summary: October 2015

Total Jobs	765,300
#Δ / month	▲ -700
%Δ / month	-0.1%
#Δ / year	▲ 2,900
%Δ / year	0.4%

Highlights

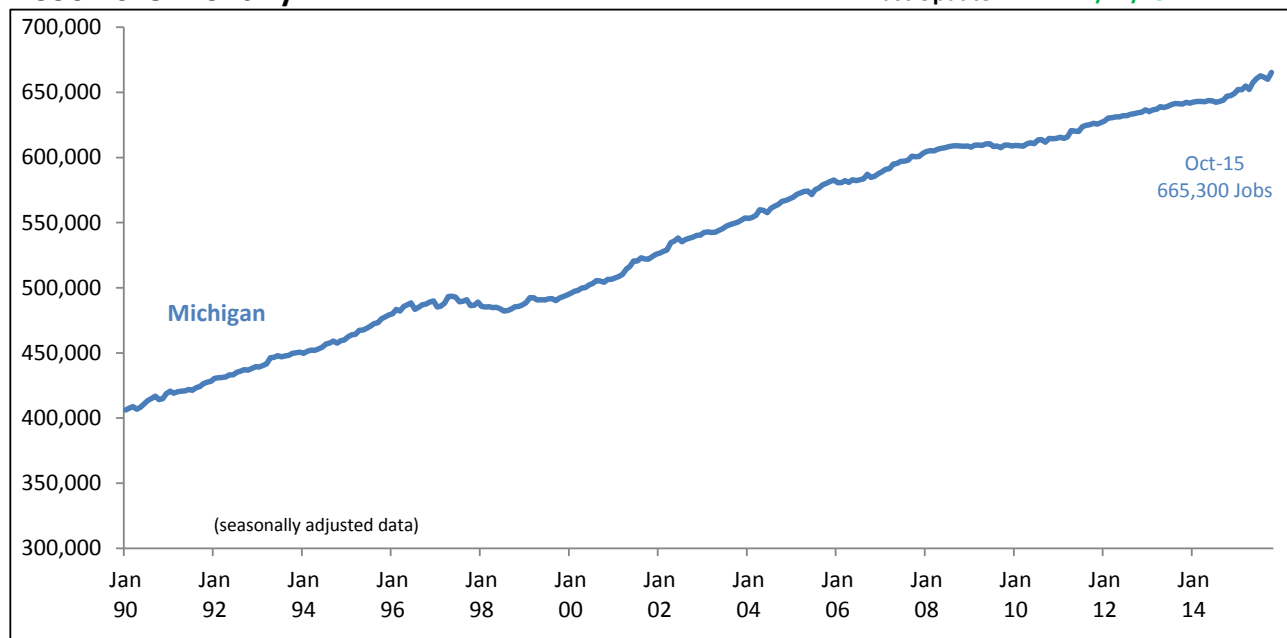
Payrolls inched down by 700 in October as employers in *Retail trade* (-1,500) and *Transportation, warehousing, and utilities* (-400) reduced staff levels. Job levels were up by 1,200 in *Wholesale trade* over the month. Since reaching a recessionary low of 705,900 jobs in December 2009, employment has advanced by 8.4 percent, or by 59,400. This compares to an 11.5 percent growth rate in total jobs during this period. Over the year, the broad sector has added 2,900 jobs with gains in *Wholesale trade* (+3,100) and *Transportation, warehousing, and utilities* (+1,000).

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: PRIVATE EDUCATION & HEALTH SERVICES

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	411.7	422.8	434.5	446.3	455.2	470.2	485.6	489.4	484.8	491.7	502.1	517.8	535.1

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	546.9	560.9	575.8	583.3	596.7	607.4	609.2	611.8	621.7	632.2	639.4	644.4

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	642.6	643.0	643.1	642.7	643.8	643.5	642.4	643.1	643.9	647.0	647.6	649.1
Rank	9	9	9	10	10	10	9	10	10	10	10	10
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	652.1	652.0	654.9	652.2	657.6	660.6	662.6	661.5	660.0	665.3		
Rank	9	9	9	9	9	9	9	9	9	9		

Summary: October 2015

Total Jobs	665,300
#Δ / month	5,300
%Δ / month	0.8%
#Δ / year	18,300
%Δ / year	2.8%

Highlights

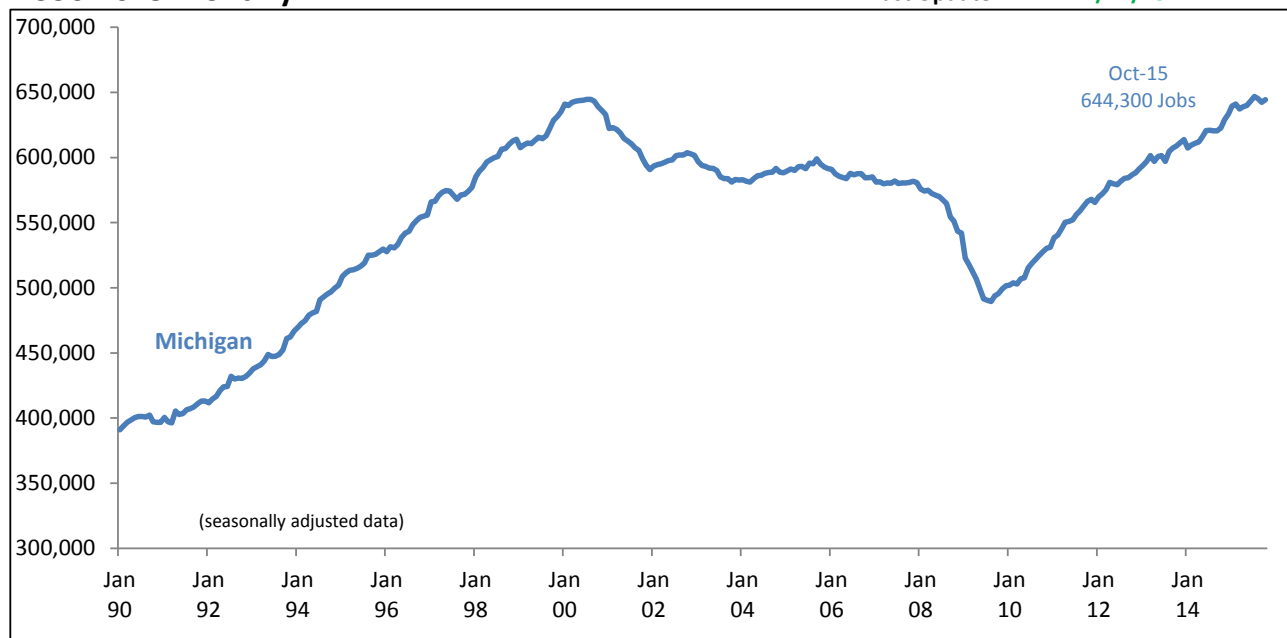
Employment rose by 5,300 in October, reversing two months of declines to reach a new high of 665,300. Both the *Education services* (+3,900) and *Health care and social assistance* (+1,400) subsectors contributed to this gain. Since October 2014, employment has grown by 18,300 in the broad sector, with the majority of these new positions in *Health care and social assistance* (+13,800).

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: PROFESSIONAL & BUSINESS SERVICES

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	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	602.8	619.0

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	607.2	609.4	610.8	611.9	615.7	620.6	620.8	620.4	620.4	622.7	629.1	633.4
Rank	10	10	10	10	11	11	11	11	11	11	11	11

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	639.4	641.1	637.2	639.1	639.8	643.2	646.8	645.2	642.3	644.3
Rank	9	9	9	9	10	9	9	9	10	10

Summary: October 2015

Total Jobs	644,300
#Δ / month	▲ 2,000
%Δ / month	0.3%
#Δ / year	● 21,600
%Δ / year	3.5%

Highlights

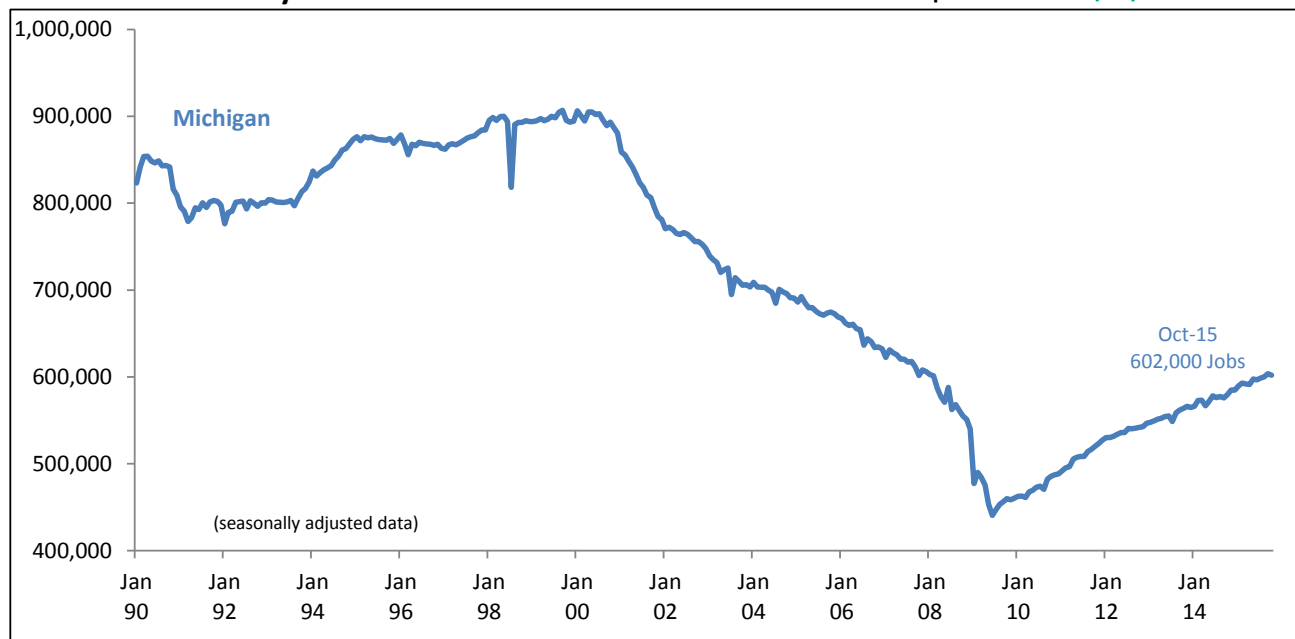
Payrolls rose by 2,000 in October on job gains entirely concentrated in *Administrative and support and waste management and remediation services* (+2,700). This increase was partially the result of stronger hiring in the *Employment services* sector and related to a later start of the current school year. Since October 2014, employment increases in *Administrative and support and waste management and remediation services* (+13,000) and *Professional, scientific, and technical services* (+8,800) have resulted in 21,600 more jobs in the broad sector.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: MANUFACTURING

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	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	556.1	575.9	

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	566.2	572.9	573.0	566.9	571.9	578.3	576.3	577.6	575.9	579.6	584.8	584.9
Rank	5 of 48	5 of 48	5 of 48	6 of 48	5 of 48	5 of 48	5 of 48	5 of 48	4 of 48	4 of 48	4 of 48	4 of 48
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	589.7	593.1	591.9	591.1	597.6	596.5	598.6	600.1	603.8	602.0		
Rank	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48	4 of 48		

Summary: October 2015

Total Jobs	602,000
#Δ / month	▲ -1,800
%Δ / month	-0.3%
#Δ / year	● 22,400
%Δ / year	3.9%

Highlights

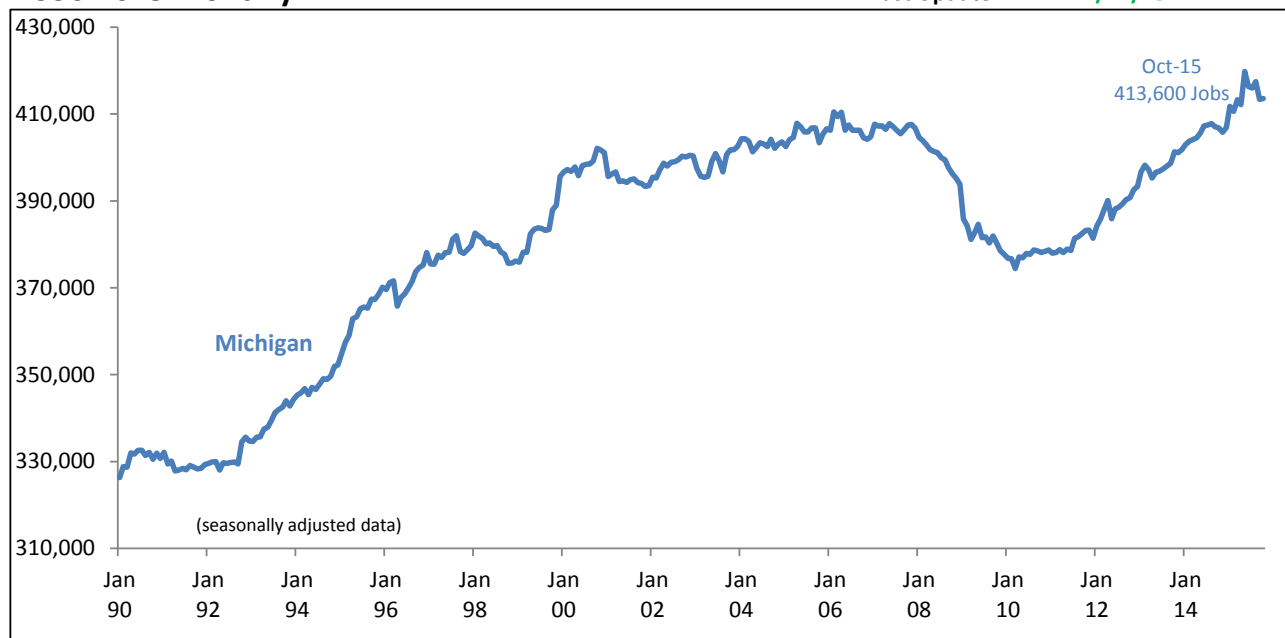
Employment decreased by 1,800 over the month as job declines in *Durable goods* (-2,500) outpaced an increase in the *Nondurable sector* (+700). The *Durable goods* decrease was primarily the result of a temporary layoff in the state's key *Transportation equipment manufacturing* (-4,100) sector. Over the year, *Manufacturing* jobs have grown by 22,400 with the majority of this gain occurring in the *Durable goods* (+20,000) industries. The *Transportation equipment manufacturing* sector added 13,300 jobs since October 2014.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: LEISURE & HOSPITALITY

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	330.8	328.9	330.9	339.9	348.2	364.0	371.4	378.4	379.2	383.8	398.6	394.9	398.7

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	399.0	403.1	405.6	406.8	407.0	399.9	381.7	377.6	380.5	388.8	398.2	405.3

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	403.0	403.7	404.1	404.5	405.7	407.3	407.5	407.8	407.1	406.8	405.8	406.9
Rank	10	10	10	10	10	10	10	10	10	10	10	10

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	411.8	410.6	413.3	412.2	419.8	416.3	416.0	417.5	413.4	413.6
Rank	10	10	10	10	10	10	10	10	10	10

Summary: October 2015

Total Jobs	413,600
#Δ / month	▲ 200
%Δ / month	0.0%
#Δ / year	▲ 6,800
%Δ / year	1.7%

Highlights

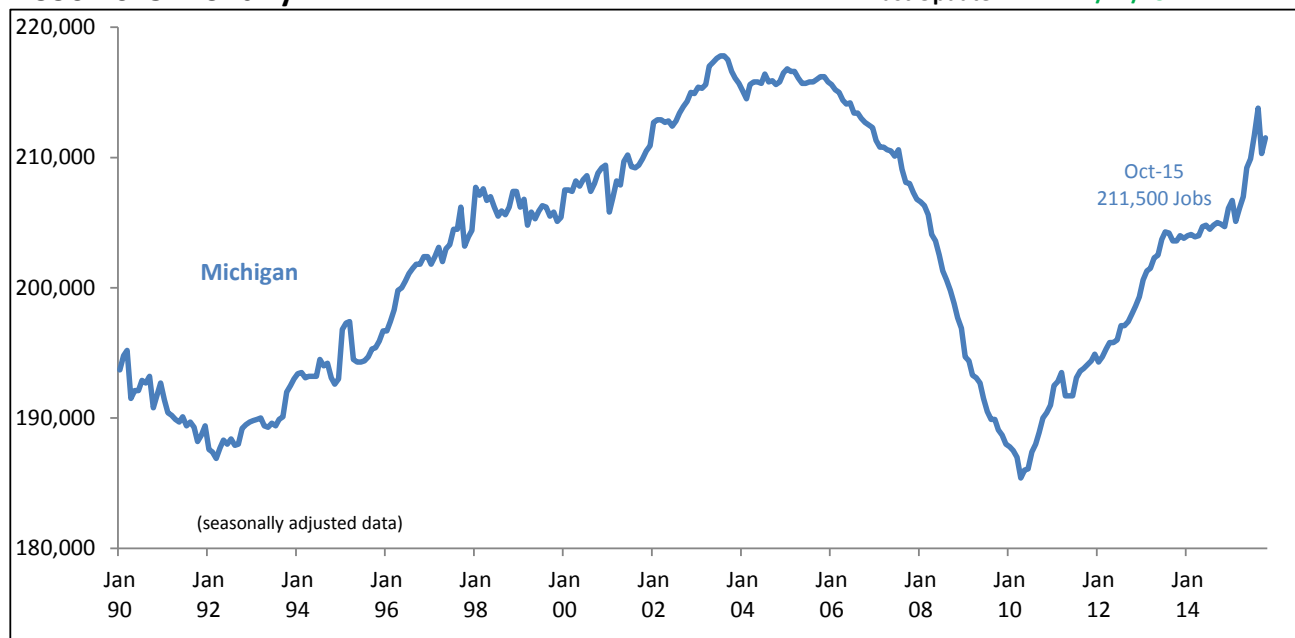
Job levels (+200) were essentially unchanged in October. Employment increased by 6,800 in the broad sector since October 2014, mostly on hiring in the *Accommodation and food services* (+6,500) subsector.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: FINANCIAL ACTIVITIES

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	192.8	189.7	188.2	190.4	193.4	195.6	200.3	203.6	206.7	205.7	208.1	209.0	213.4

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	216.7	215.7	216.1	213.8	209.5	202.0	191.4	188.1	193.2	196.5	202.9	204.8

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	204.0	204.1	203.9	204.0	204.7	204.8	204.5	204.8	205.0	204.9	204.7	206.1
Rank	12	12	12	12	12	12	12	12	12	12	12	12

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	206.7	205.1	206.1	207.0	209.2	209.9	211.7	213.8	210.3	211.5
Rank	12	12	12	12	12	12	11	11	12	11

Summary: October 2015

Total Jobs	211,500
#Δ / month	▲ 1,200
%Δ / month	0.6%
#Δ / year	● 6,600
%Δ / year	3.2%

Highlights

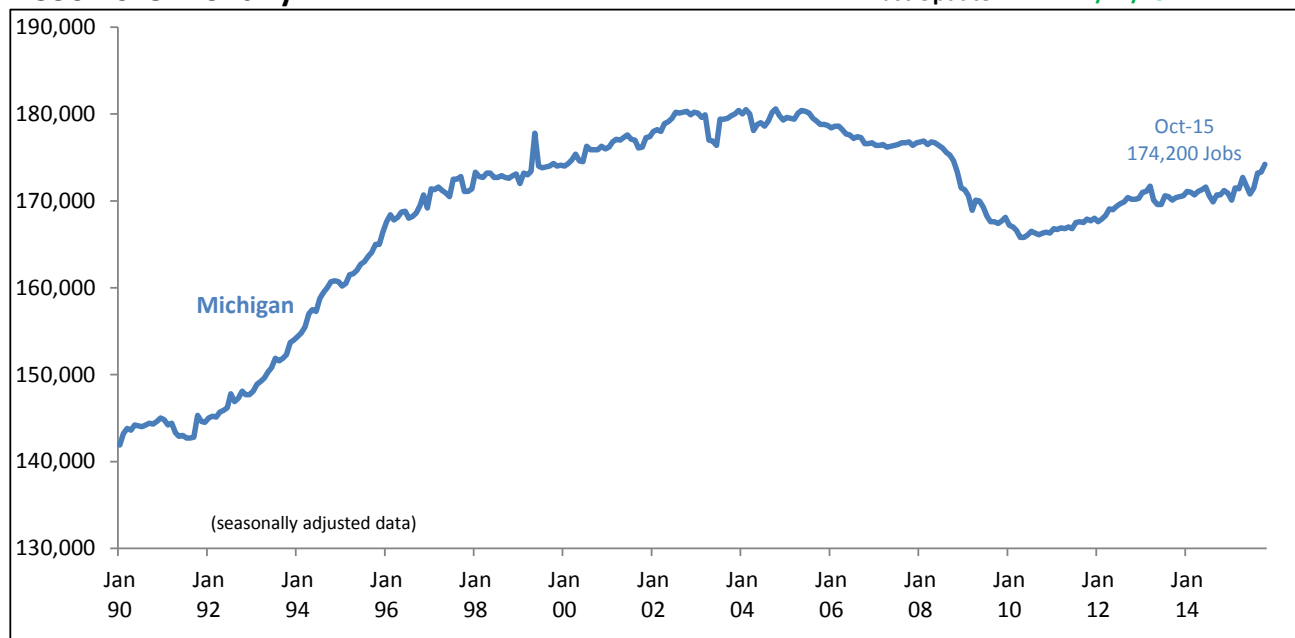
Employment increased by 1,200 in October. This gain was entirely concentrated in the *Finance and insurance* (+1,200) subsector. Job growth in this broad sector (+2.6 percent) has been well above the statewide average of 1.4 percent during the 10-month period ending in October. Since October 2014, employment gains in *Finance and insurance* (+5,600) and *Real estate and rental and leasing* (+1,000) combined to add 6,600 positions in the broad sector.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: OTHER SERVICES

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	143.9	143.7	146.6	151.1	158.1	162.9	168.6	171.5	173.0	174.0	175.3	176.9	179.3

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	179.1	179.6	179.6	177.5	176.6	175.6	168.8	166.3	167.2	169.3	170.5	171.0

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	171.1	171.0	170.7	171.1	171.3	171.6	170.6	169.9	170.7	170.7	171.2	170.9
Rank	9	9	9	9	9	9	9	9	9	9	9	9

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	170.1	171.5	171.4	172.7	171.7	170.8	171.5	173.2	173.3	174.2
Rank	10	10	10	9	10	10	10	10	10	9

Summary: October 2015

Total Jobs	174,200
#Δ / month	▲ 900
%Δ / month	0.5%
#Δ / year	▲ 3,500
%Δ / year	2.1%

Highlights

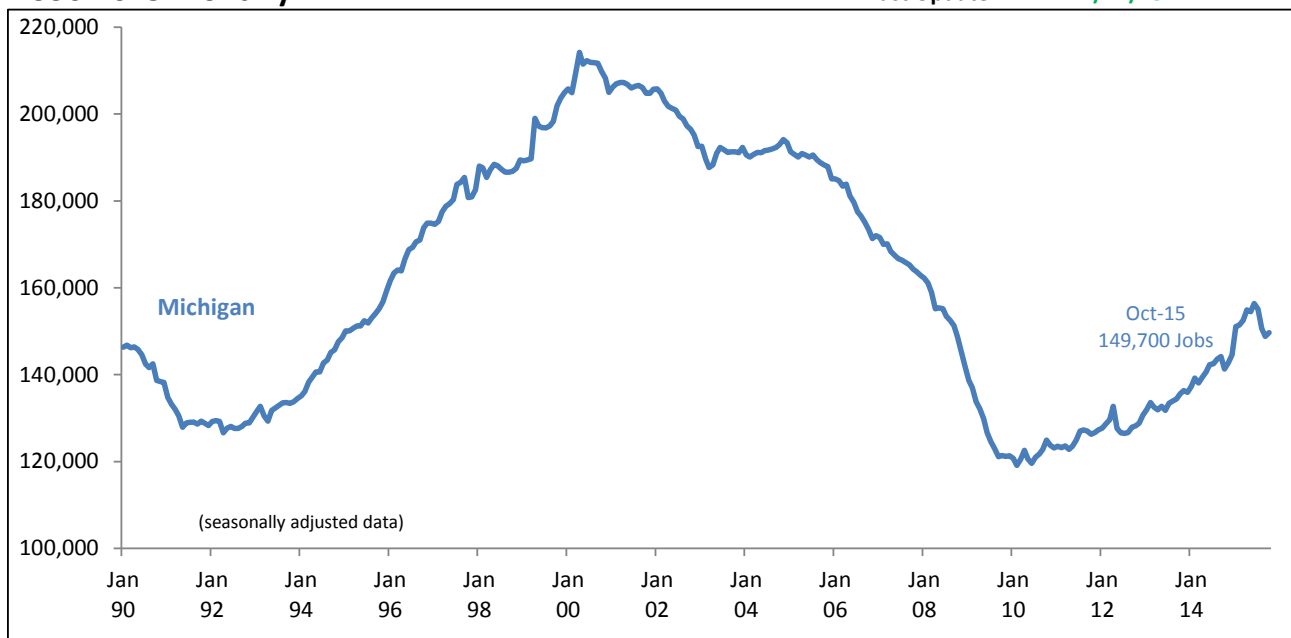
Other services employment increased by 900 over the month and by 3,500 over the year.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: CONSTRUCTION

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	143.1	130.0	128.5	132.5	142.0	152.9	168.5	180.3	187.5	197.1	209.7	206.3	199.8

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	190.9	191.8	189.5	178.4	166.7	153.5	127.6	121.7	125.3	128.2	133.5	141.3

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	137.3	139.2	138.1	139.4	140.6	142.3	142.5	143.6	144.2	141.3	142.7	144.6
Rank	14	13	13	13	13	14	14	14	14	15	13	13

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MI	151.1	151.4	152.5	154.9	154.5	156.4	155.1	150.6	148.8	149.7
Rank	14	15	13	13	13	13	13	14	14	15

Summary: October 2015

Total Jobs	149,700
#Δ / month	▲ 900
%Δ / month	0.6%
#Δ / year	● 8,400
%Δ / year	5.9%

Highlights

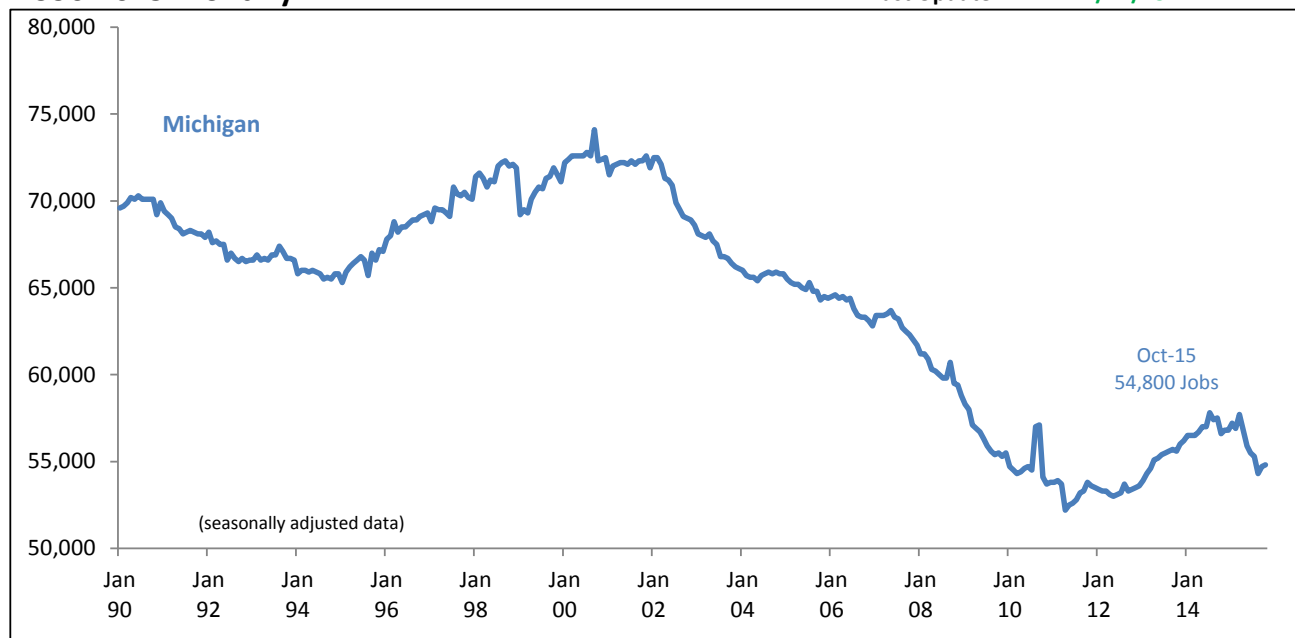
Jobs also advanced by 900 in October. This gain occurred in *Specialty trade contractors*, which reported an atypical October employment increase. Since October 2014, *Construction* job levels moved up by 8,400.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: INFORMATION

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	69.9	68.4	67.1	66.8	65.8	66.5	68.6	69.8	71.7	70.6	72.7	72.1	70.4
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	67.1	65.7	64.9	63.9	62.9	60.2	56.4	54.8	53.2	53.3	55.3	57.0	

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	56.5	56.5	56.5	56.7	57.0	57.0	57.8	57.4	57.5	56.6	56.8	56.8
Rank	15 of 40	15 of 40	15 of 40	15 of 40	15 of 40	14 of 40	14 of 40	15 of 40	15 of 40	15 of 40	15 of 40	15 of 40
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	57.2	56.9	57.7	56.8	55.9	55.5	55.3	54.3	54.7	54.8		
Rank	15 of 40	15 of 40	15 of 40	14 of 40	14 of 40	15 of 40	15 of 40	15 of 40	15 of 40	15 of 40		

Summary: October 2015

Total Jobs	54,800
#Δ / month	▲ 100
%Δ / month	0.2%
#Δ / year	▲ -1,800
%Δ / year	-3.2%

Highlights

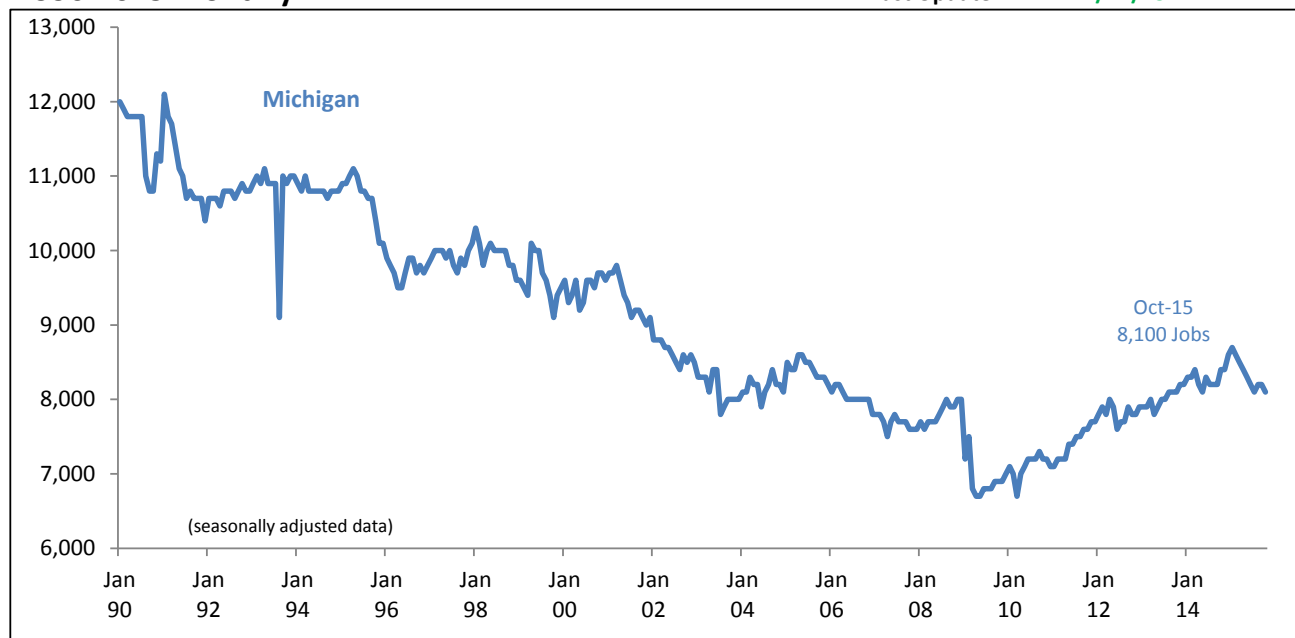
Sector job levels were also basically flat over the month, notching higher by 100. Job levels fell by 1,800 over the year.

Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

PAYROLL JOBS: MINING & LOGGING

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of jobs)

	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
MI	8.1	8.2	8.4	8.0	7.7	7.9	6.9	7.1	7.4	7.8	8.0	8.3

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	8.3	8.3	8.4	8.2	8.1	8.3	8.2	8.2	8.2	8.4	8.4	8.6
Rank	25 of 41	25 of 41	25 of 41	25 of 41	25 of 41	25 of 41	25 of 41	25 of 41	25 of 41	24 of 41	24 of 41	24 of 41
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
MI	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.2	8.2	8.1		
Rank	25 of 41	25 of 41	24 of 41	25 of 41	25 of 41	25 of 41	25 of 41	24 of 41	24 of 41	25 of 41		

Summary: October 2015

Total Jobs	8,100
#Δ / month	▲ -100
%Δ / month	-1.2%
#Δ / year	▲ -300
%Δ / year	-3.6%

Highlights

Employment declined by 100 over the month and by 300 since October 2014.

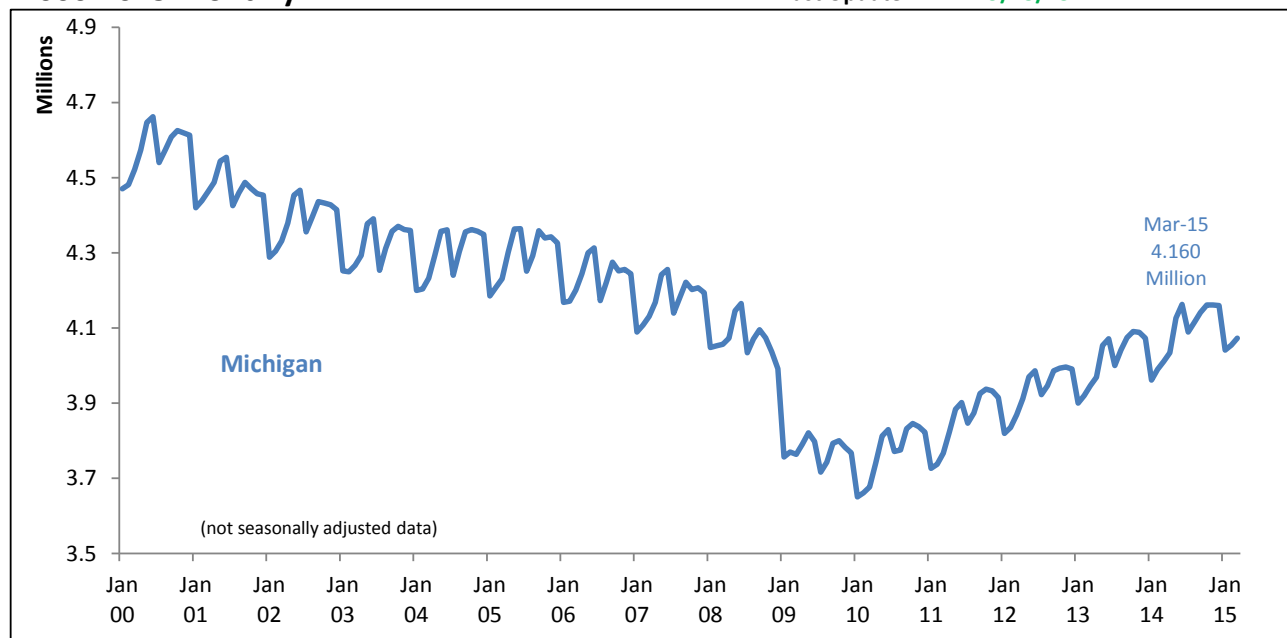
Source: Bureau of Labor Market Information, Current Employment Statistics (CES)

COVERED EMPLOYMENT

2000-2015 Monthly

Last Update:

9/25/15



2000 to 2014 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	2013	2014
MI	3.856	3.936	4.019	4.090

2014 & 2015 Monthly Detail (millions of employed)

	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	3.957	3.987	4.008	4.031	4.123	4.160	4.088	4.113	4.139	4.157	4.157	4.156

	Jan-15	Feb-15	Mar-15
MI	4.041	4.054	4.073

Summary: March 2015

Employment	4,073,002
#Δ / year	65,380
%Δ / year	1.6%

Highlights

In March 2015, Michigan's covered employment levels were higher than in March 2014. Employment has increased by 395,689 since reaching the lowest March level in 2010, a 11.0 percent gain since that time.

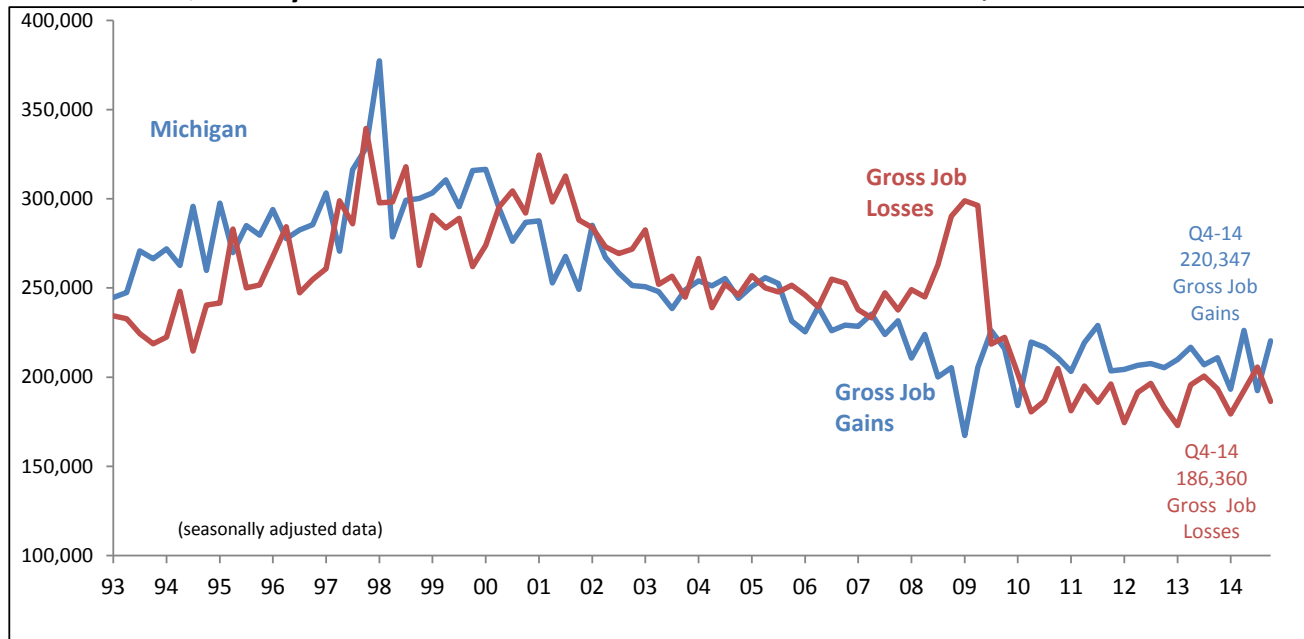
The QCEW program publishes a quarterly report of employment and wages for employers covered under the state's Unemployment Insurance law. It covers more than about 95 percent of Michigan jobs.

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

PRIVATE SECTOR GROSS JOB GAINS & LOSSES

1993-2014 Quarterly

Last Update: 10/30/15



Q1 2005 to Q4 2010 Quarterly

MI	Q1-05	Q2-05	Q3-05	Q4-05	Q1-06	Q2-06	Q3-06	Q4-06	Q1-07	Q2-07	Q3-07	Q4-07
Job Gains	250,828	255,823	252,503	231,436	225,450	239,355	226,087	229,247	228,503	235,419	223,963	231,665
Job Losses	257,002	250,110	247,842	251,494	245,975	239,295	255,031	252,649	237,768	233,275	247,306	237,721

MI	Q1-08	Q2-08	Q3-08	Q4-08	Q1-09	Q2-09	Q3-09	Q4-09	Q1-10	Q2-10	Q3-10	Q4-10
Job Gains	210,758	223,968	200,110	205,300	167,301	205,569	226,093	215,901	184,109	219,764	216,773	210,923
Job Losses	249,052	244,934	263,043	290,168	298,895	296,345	218,600	222,315	202,088	180,572	186,797	204,837

2011 to 2014 Quarterly Detail

MI	Q1-11	Q2-11	Q3-11	Q4-11	Q1-12	Q2-12	Q3-12	Q4-12	Q1-13	Q2-13	Q3-13	Q4-13
Job Gains	203,226	219,299	228,944	203,490	204,377	206,571	207,628	205,302	209,973	216,782	206,945	210,828
Job Losses	181,110	195,000	185,955	196,137	174,510	191,485	196,511	183,370	172,890	195,673	200,593	193,392
MI	Q1-14	Q2-14	Q3-14	Q4-14								
Job Gains	193,208	226,224	192,391	220,347								
Job Losses	179,299	192,512	205,613	186,360								

Summary 2014 Q4

Gross Job Gains	220,347
#Δ / Year	9,519
%Δ / Year	▲ 4.5%
Gross Job Losses	186,360
#Δ / year	-7,032
%Δ / year	● -3.6%

Highlights

Gross job gains are the sum of increases in employment from expansions at existing establishments and the addition of new jobs at opening establishments, with zero employment in the third month of the prior quarter. Gross job gains for 4th quarter 2014 were higher than the prior year by 4.5 percent job growth from business expansions.

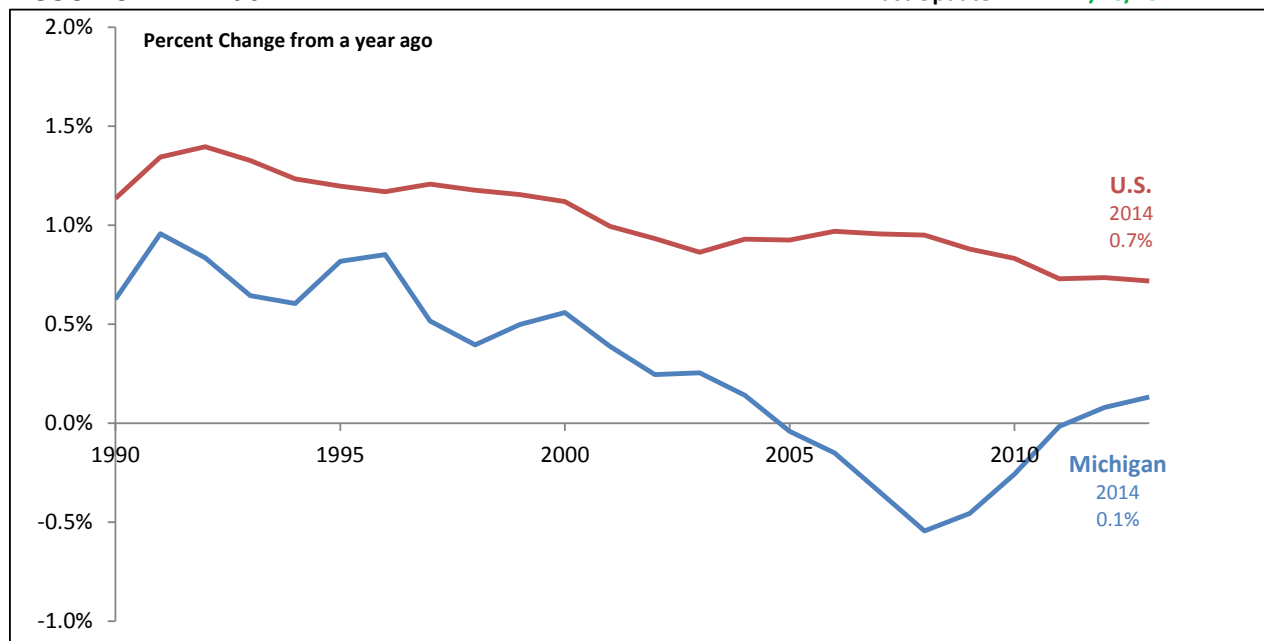
Gross Job Losses are the result of contractions in employment at existing establishments and the loss of jobs at closing businesses, with positive third month employment in the prior quarter and none in the current quarter. Gross job losses in the 4th quarter 2014 were down by 3.6 percent over the year primarily due to fewer job losses from business contractions.

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

MICHIGAN POPULATION

1990-2014 Annual

Last Update: 1/28/15



1990 to 2014 Annual Averages (millions of people)

	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	MI Rank	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 2014 Change from a Year 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%	

Summary: CY 2014

MI Population 9,910,000

MI Rank 10

%Δ Year Ago 0.1%

Highlights

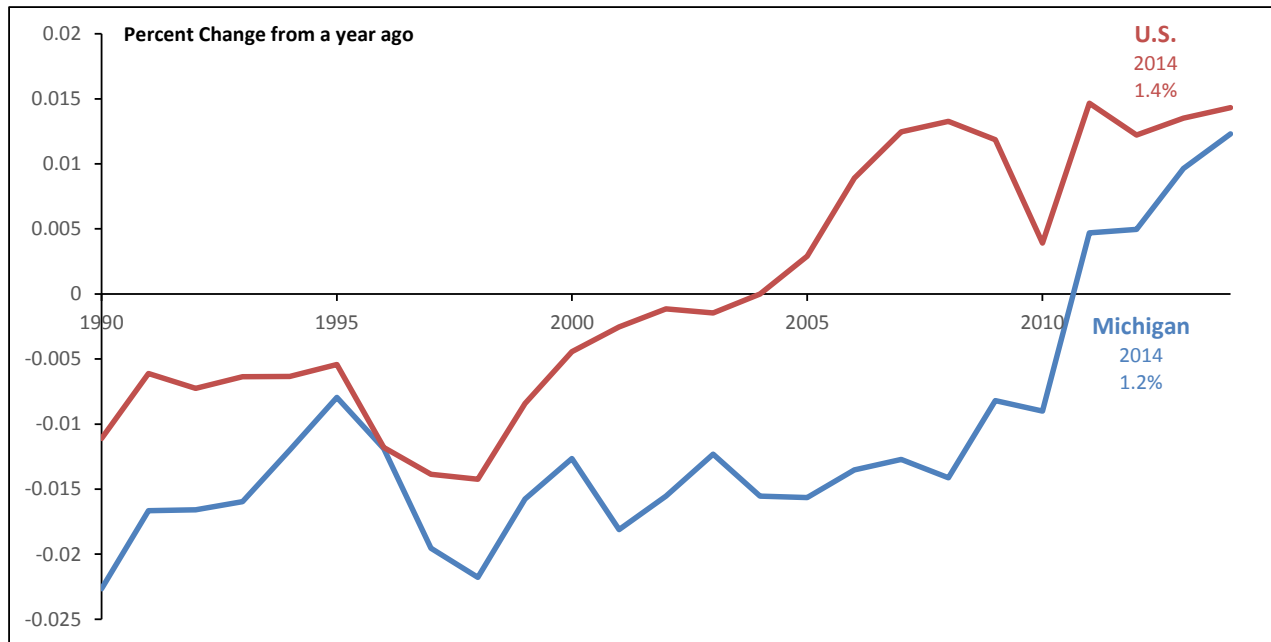
Michigan's population grew in 2014 to 9.910 million. Michigan's overall population ranked 10th nationally in 2014.

Source: Bureau of the Census

MICHIGAN POPULATION AGE 25 to 34

1990-2014 Annual

Last Update: 11/24/15



1990 to 2014 Annual Averages (millions of people)

	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	2014	
MI	1.273	1.253	1.233	1.217	1.201	1.184	1.174	1.164	1.169	1.175	1.186	1.201	
US	39.1	39.1	39.2	39.5	40.0	40.6	41.1	41.2	41.8	42.3	42.9	43.5	
MI Rank	8	9	9	9	9	10	10	10	10	10	10	10	

1990 to 2014 Change from a Year 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	2014	
MI	-1.2%	-1.6%	-1.6%	-1.4%	-1.3%	-1.4%	-0.8%	-0.9%	0.5%	0.5%	1.0%	1.2%	
US	-0.1%	0.0%	0.3%	0.9%	1.2%	1.3%	1.2%	0.4%	1.5%	1.2%	1.4%	1.4%	

Summary: CY 2014

MI Pop 25-34 1,201,043

MI Rank 10

%Δ Year Ago 1.2%

Highlights

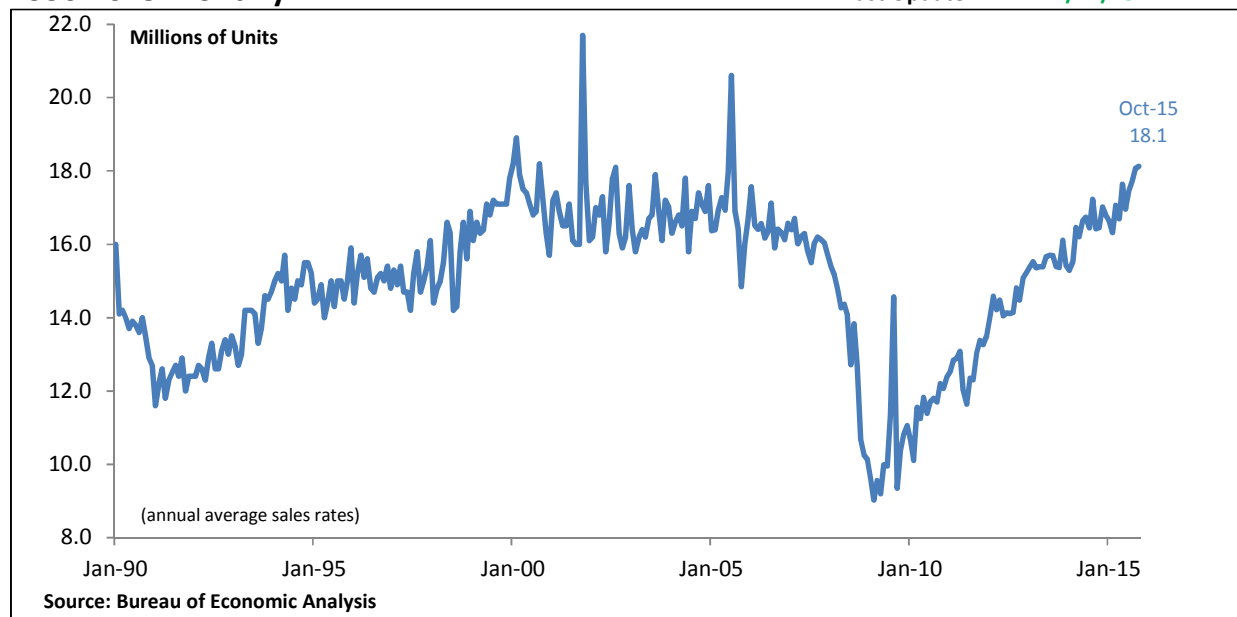
Michigan's population age 25 to 34 grew in 2014 to 1,201,043. Michigan's population age 25 to 34 ranked 10th nationally in 2014.

Source: Bureau of the Census

U.S. LIGHT VEHICLE SALES

1990-2015 Monthly

Last Update: 11/24/15



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

	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	

2014 & 2015 Monthly Detail (seasonally adjusted annual 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	15.3	15.5	16.5	16.2	16.6	16.7	16.4	17.2	16.4	16.5	17.0	16.8
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
LV Sales	16.6	16.3	17.1	16.7	17.6	17.0	17.5	17.7	18.1	18.1		

Summary: October 2015

LV Sales (mill)	18.1
#Δ / month	0.1
%Δ / month	▲ 0.3%
#Δ / year	1.7
%Δ / year	● 10.1%

Highlights

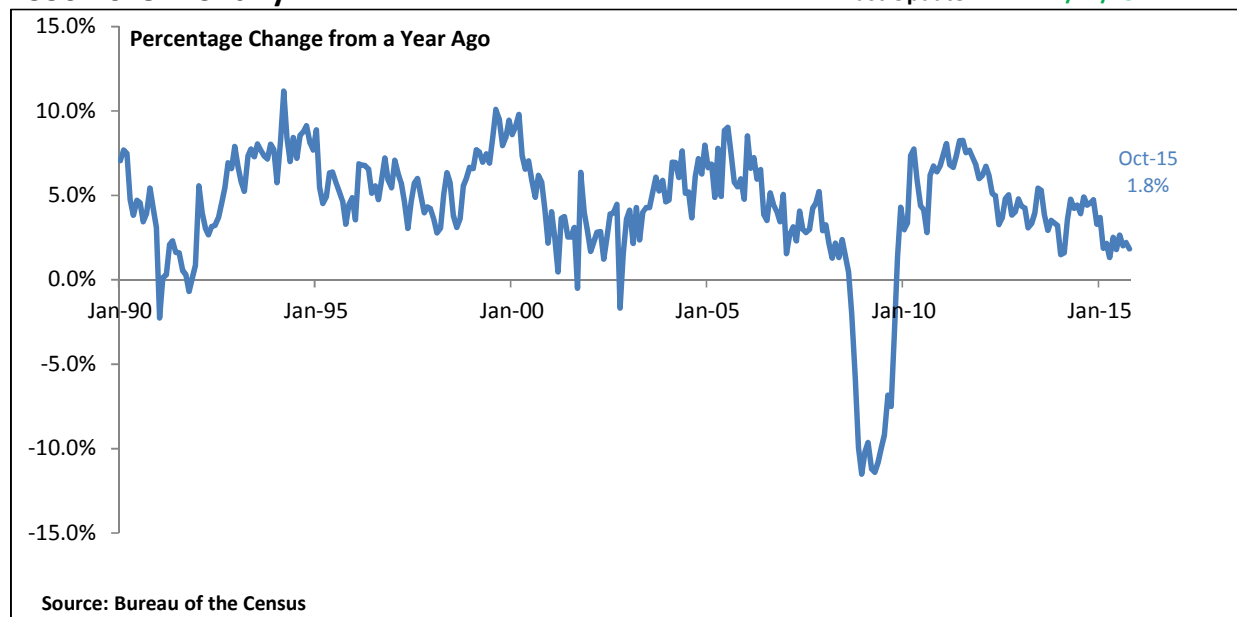
Light vehicle sales increased 0.3 percent in October to remain at an 18.1 million unit annual average rate. This was the second consecutive monthly sales rate above 18 million units. Low sustained oil prices and strong consumer fundamentals have supported the robust sales rate. From a year ago, light vehicle sales were up 10.1 percent in October.

Source: Bureau of Economic Analysis

U.S. RETAIL SALES

1990-2015 Monthly

Last Update: 11/24/15



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%	3.3%	-1.2%	-7.0%	5.4%	7.3%	4.9%	3.9%	3.8%	

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	1.5%	1.6%	3.6%	4.8%	4.2%	4.4%	3.9%	4.9%	4.4%	4.6%	4.7%	3.3%
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
R Sales	3.7%	1.9%	2.1%	1.3%	2.5%	1.8%	2.6%	2.0%	2.2%	1.8%		

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	-1.1%	1.3%	1.3%	0.9%	0.0%	0.7%	-0.1%	0.6%	-0.2%	0.4%	0.5%	-0.9%
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
R Sales	-0.8%	-0.5%	1.5%	0.0%	1.2%	0.0%	0.8%	0.0%	0.0%	0.1%		

Summary: October 2015

Retail Sales (bill.)	447.3
%Δ Year Ago	1.8%
%Δ / month	0.1%

Highlights

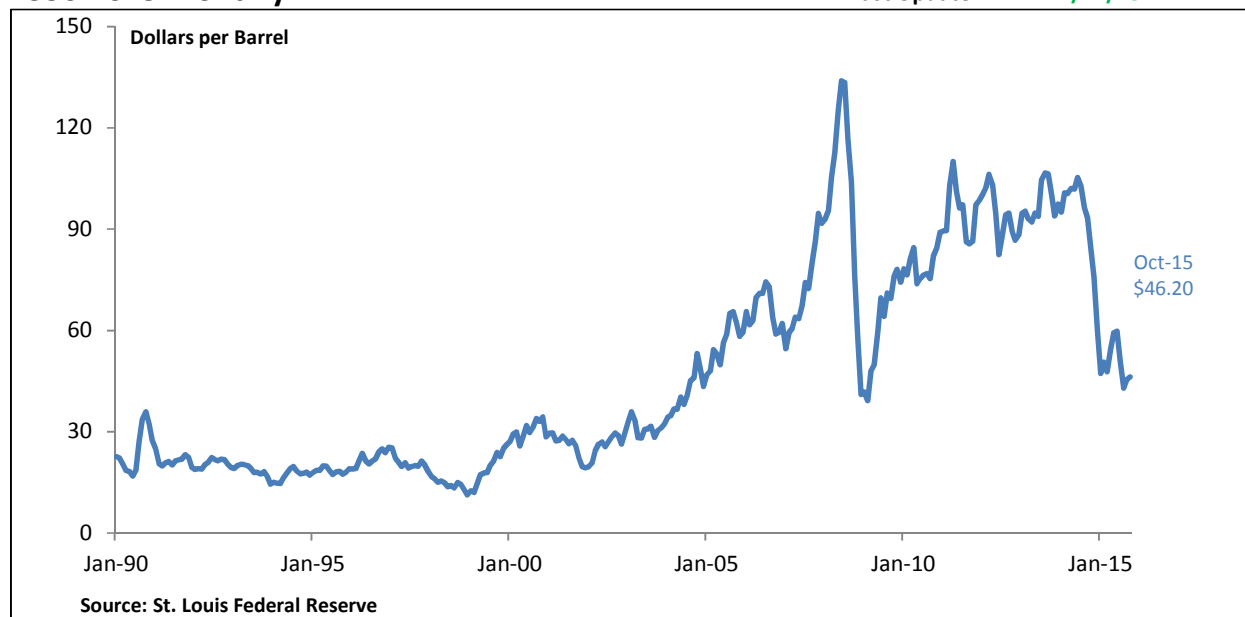
October 2015 retail sales increased 0.1 percent from a month ago and were overall weak. Retail sales are projected to gradually improve even though recent months have been below expectations. From a year ago, retail sales increased 1.8 percent.

Source: Bureau of the Census

OIL PRICES

1990-2015 Monthly

Last Update: 11/24/15



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	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Oil Price	47.27	50.61	47.78	54.44	59.27	59.82	50.90	42.86	45.45	46.20

Summary: October 2015

Oil Prices	\$46.20
#Δ / month	\$0.75
%Δ / month	1.7%
#Δ / year	-\$38.20
%Δ / year	-45.3%

Highlights

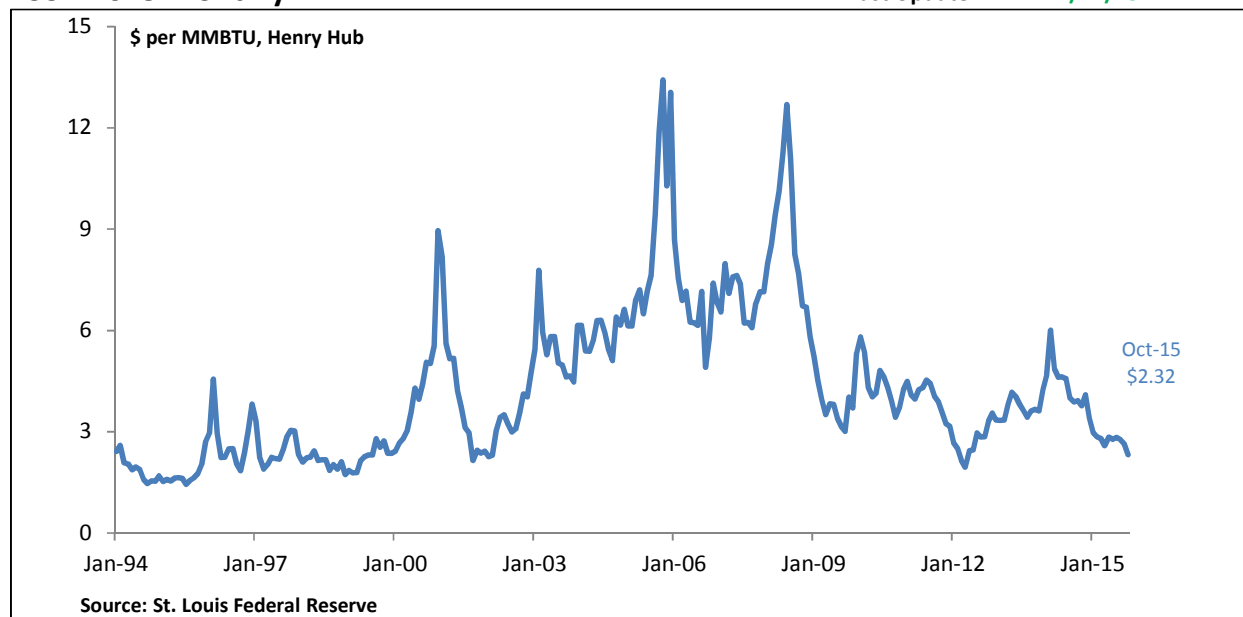
The average price per barrel of oil increased \$0.75 in October from September to \$46.20 per barrel. From a year ago, oil prices are down 45.3 percent.

Source: St. Louis Federal Reserve Database

NATURAL GAS PRICES

1994-2015 Monthly

Last Update: 11/24/15



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	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15		
NG Price	2.97	2.85	2.80	2.58	2.84	2.77	2.83	2.76	2.64	2.32		

Summary: October 2015

NG Price	\$2.32
#Δ / month	-\$0.32
%Δ / month	● -12.1%
#Δ / year	-\$1.45
%Δ / year	● -38.5%

Highlights

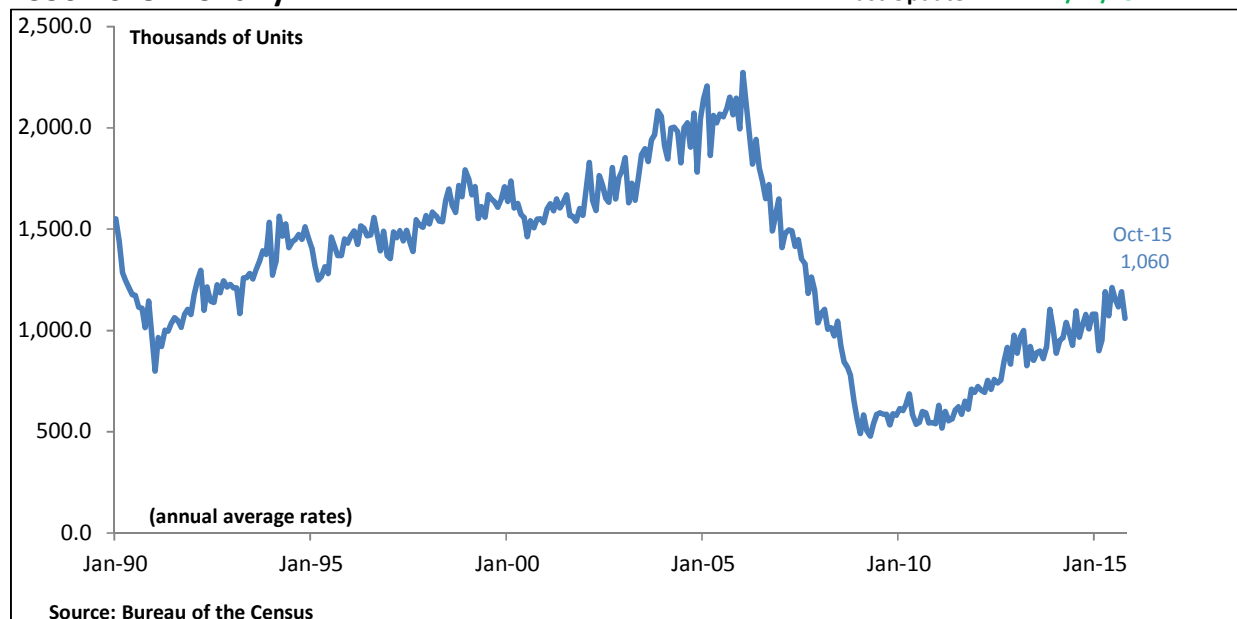
Natural gas prices decreased a sharp 12.1 percent in October from September. Compared to a year ago, natural gas prices are down 38.5 percent.

Source: St. Louis Federal Reserve Database

U.S. HOUSING STARTS

1990-2015 Monthly

Last Update: 11/24/15



1990 to 2014 Annual Averages (thousands of starts)

	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	888	951	963	1,039	986	927	1,095	966	1,026	1,079	1,007	1,080

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
HS	1,080	900	954	1,190	1,072	1,211	1,152	1,116	1,191	1,060

Summary: October 2015

HS (000s)	1,060
#Δ / month	-131
%Δ / month	◆ -11.0%
#Δ / year	-19
%Δ / year	◆ -1.8%

Highlights

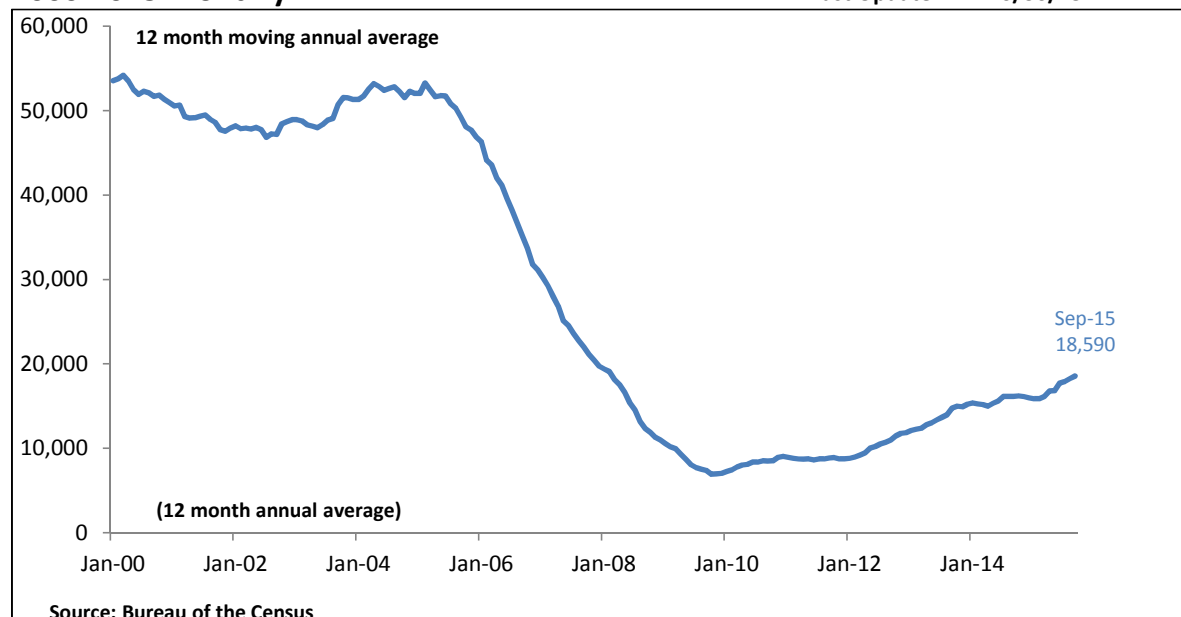
Housing starts totaled an annual average rate of 1,060,000 in October, down 11.0 percent from September. The decline in housing starts was mainly due to a drop-off in apartment construction. Housing starts are expected to grow as building permits have continued to increase in recent months. Housing starts in October 2015 were 1.8 percent lower than a year ago.

Source: Bureau of the Census

MICHIGAN BUILDING PERMITS FOR HOUSING STARTS

2000-2015 Monthly

Last Update: 10/30/15



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	2014											
BP	15.8	15.7											

2014 & 2015 Monthly Detail (12 month moving average annual 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
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
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15			
BP	15.88	15.90	16.16	16.79	16.84	17.75	17.93	18.28	18.59			

Summary: September 2015

BP (000s)	18.59
#Δ / month	0.31
%Δ / month	1.7%
#Δ / year	2.45
%Δ / year	15.2%

Highlights

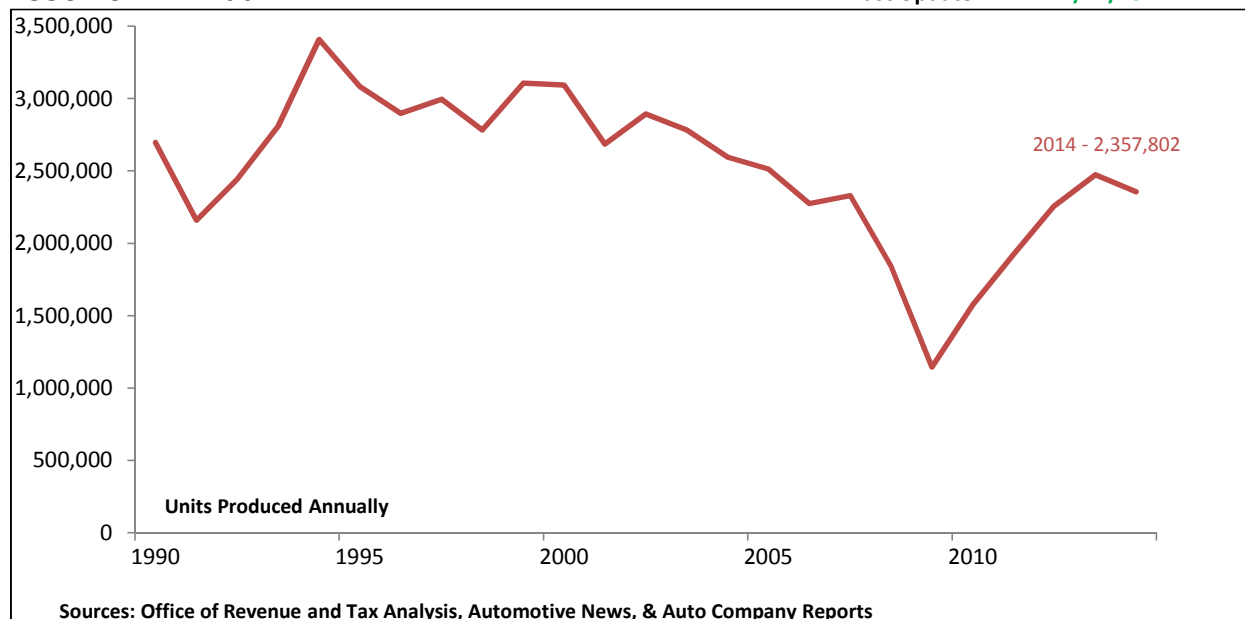
Michigan building permits for new houses are up from last month based on an annualized 12-month moving average ending in September. The latest 12-month moving average is 15.2 percent higher than a year ago. While still down from the highs in the early 2000s, building permits continue to increase.

Source: Bureau of the Census

MICHIGAN MOTOR VEHICLE PRODUCTION

1990-2014 Annual

Last Update: 11/24/15



1990 to 2014 Totals (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-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
MV Prod.	175.2	198.1	224.9	204.0	209.9	200.6	172.2	191.7	208.9	200.6

Summary: October 2015

MV Prod. (000s)	200.6
#Δ / month	-8.3
%Δ / month	◆ -4.0%
#Δ / year	12.4
%Δ / year	● 6.6%

Highlights

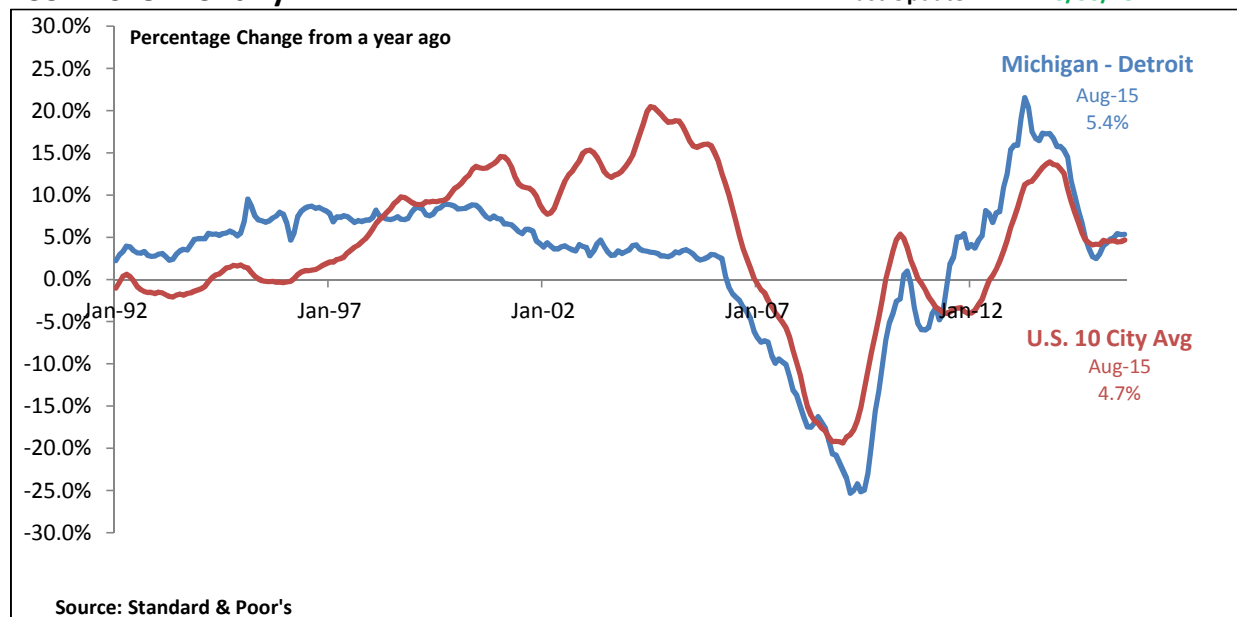
Michigan motor vehicle production totaled 200,600 units in October, which was down 4.0 percent from last month but up 6.6 percent from a year ago.

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

CASE-SHILLER HOME PRICE INDEX

1992-2015 Monthly

Last Update: 10/30/15



Year to Year Trend Table (percent change)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI -Det	n/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%
US - 10 City			-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
MI -Det	3.5%	3.3%	3.0%	-1.4%	-9.6%	-18.0%	-21.0%	-3.4%	0.1%	7.9%	17.7%	9.3%
US - 10 City	13.5%	18.2%	17.0%	7.6%	-4.4%	-16.8%	-12.6%	2.2%	-3.4%	0.3%	11.6%	8.1%

Year to Date Trend Table (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
MI -Det	15.8%	15.7%	15.3%	14.6%	11.7%	10.0%	8.2%	6.7%	4.8%	3.6%	2.7%	2.5%
US - 10 City	13.5%	13.1%	12.6%	10.8%	9.3%	8.0%	6.8%	5.5%	4.7%	4.3%	4.1%	4.2%

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
MI -Det	3.0%	4.1%	4.3%	4.8%	4.9%	5.4%	5.3%	5.4%
US - 10 City	4.2%	4.6%	4.5%	4.6%	4.6%	4.5%	4.5%	4.7%

Summary: August 2015

Det CSH Index 100.66
(Jan 2000 = 100)
%Δ Year Ago ● 5.4%

Highlights

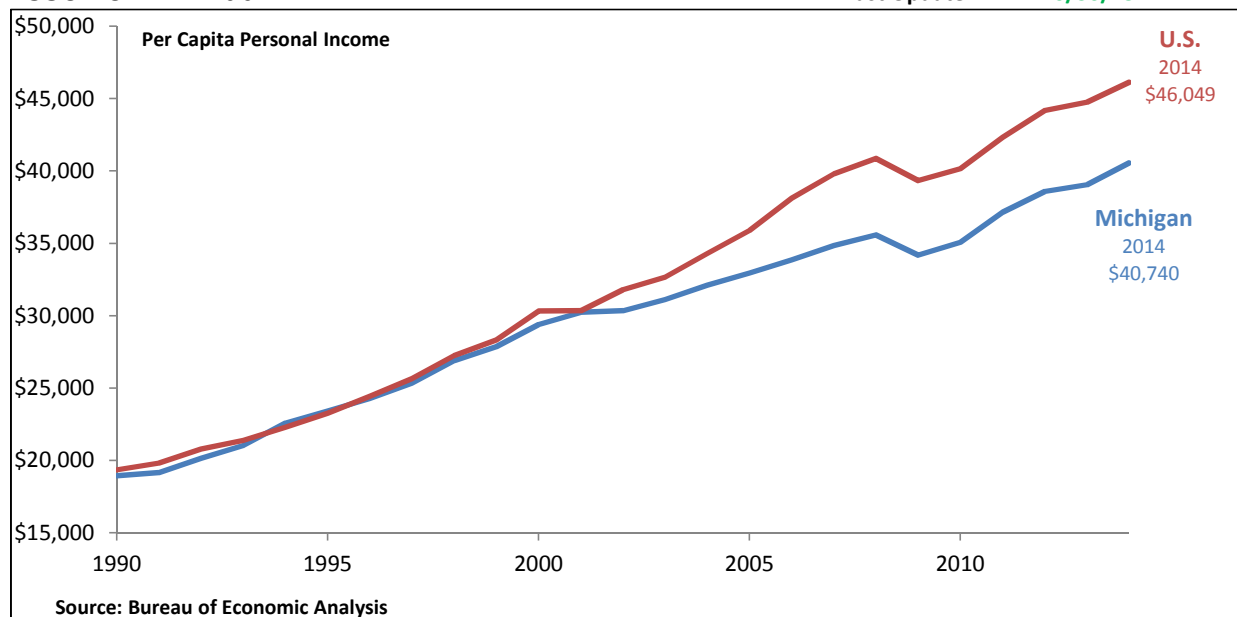
Detroit housing prices were up 5.4 percent from a year ago in August, while US home prices were up 4.7 percent according to the Case-Shiller Home Price Index. Detroit home prices have been rising year-over-year since July 2011, but overall prices are still well below the peak of early 2006.

Source: S&P Dow Jones Indices & Fiserv

PER CAPITA PERSONAL INCOME

1990-2014 Annual

Last Update: 10/30/15



1990 to 2014 Annual Averages (\$)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	18,942	19,158	20,161	21,100	22,552	23,651	24,681	25,857	27,225	28,399	30,015	30,236	30,350
US	19,584	19,976	21,051	21,690	22,528	23,551	24,709	25,929	27,488	28,611	30,587	30,350	31,800
MI Rank	20	20	20	20	18	19	18	18	18	17	18	21	24
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	31,122	32,119	32,952	33,845	34,855	35,828	34,159	35,199	37,343	38,652	39,197	40,740	
US	32,677	34,300	35,888	38,144	39,821	41,082	39,376	40,277	42,453	44,266	44,438	46,049	
MI Rank	24	26	28	34	37	38	38	37	35	38	36	35	

1990 to 2014 Change in Annual Averages (%)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	4.0%	1.1%	5.2%	4.7%	6.9%	4.9%	4.4%	4.8%	5.3%	4.3%	5.7%	0.7%	0.4%
US	5.0%	2.0%	5.4%	3.0%	3.9%	4.5%	4.9%	4.9%	6.0%	4.1%	6.9%	-0.8%	4.8%
MI Rank	39	45	29	7	3	16	36	24	36	13	38	50	42
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	2.5%	3.2%	2.6%	2.7%	3.0%	2.8%	-4.7%	3.0%	6.1%	3.5%	1.4%	3.9%	
US	2.8%	5.0%	4.6%	6.3%	4.4%	3.2%	-4.2%	2.3%	5.4%	4.3%	0.4%	3.6%	
MI Rank	34	49	44	49	47	38	37	16	16	35	5	14	

Summary: CY 2014

MI Per Capita	\$40,740
Michigan Rank	35
%Δ Year Ago	3.9%
Michigan Rank	14

Highlights

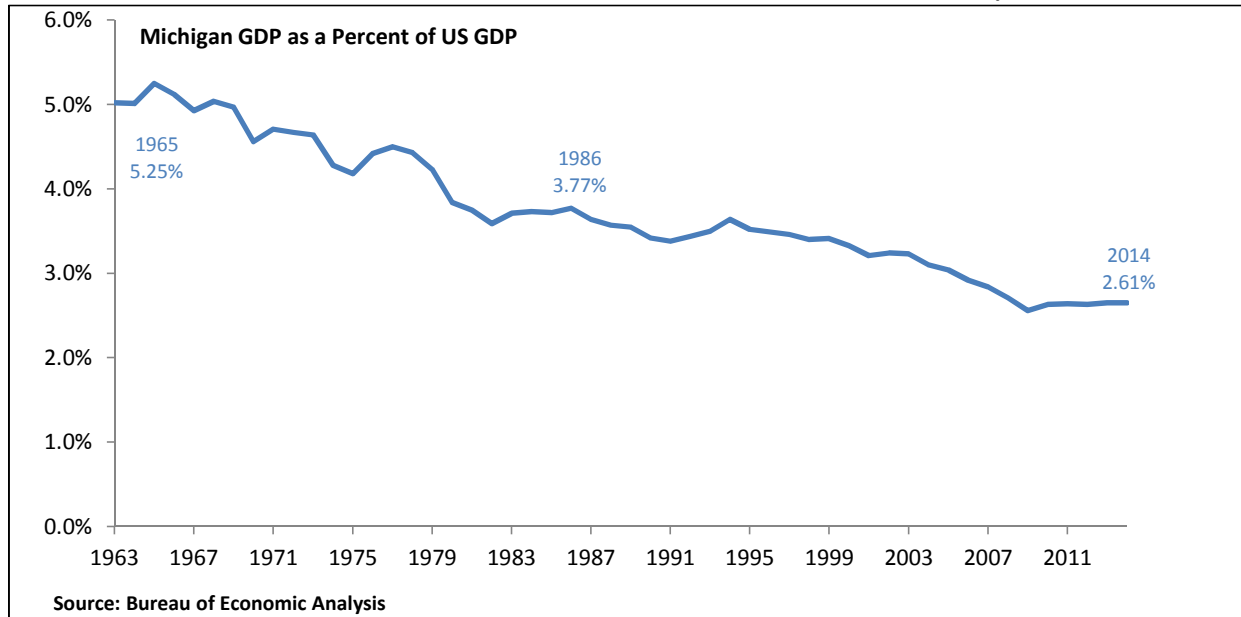
Michigan per capita personal income grew faster than the national average at 3.9% compared to 3.6% in 2014. Michigan per capita personal income is well below the national average (88% of the national average) and has not been above the national average since 1995.

Source: Bureau of Economic Analysis

MICHIGAN GDP as a % of U.S. GDP

1963-2014 Annual

Last Update: 6/26/15



1963 to 2014 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%	3.53%	3.49%	3.53%	3.44%	3.32%
MI Rank	9	9	9	9	9	9	9	9	9	9	8	9	9
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
MI	3.35%	3.30%	3.14%	3.04%	2.88%	2.79%	2.65%	2.56%	2.60%	2.59%	2.58%	2.61%	2.61%
MI Rank	9	9	9	9	9	10	12	13	13	13	13	13	13

Summary: CY 2014

MI GDP % US	2.61%
% pt Δ Year Ago	0.00
% pt Δ 10 Yrs Ago	-0.53
% pt Δ 25 Yrs Ago	-0.94

Michigan Rank **13**

Highlights

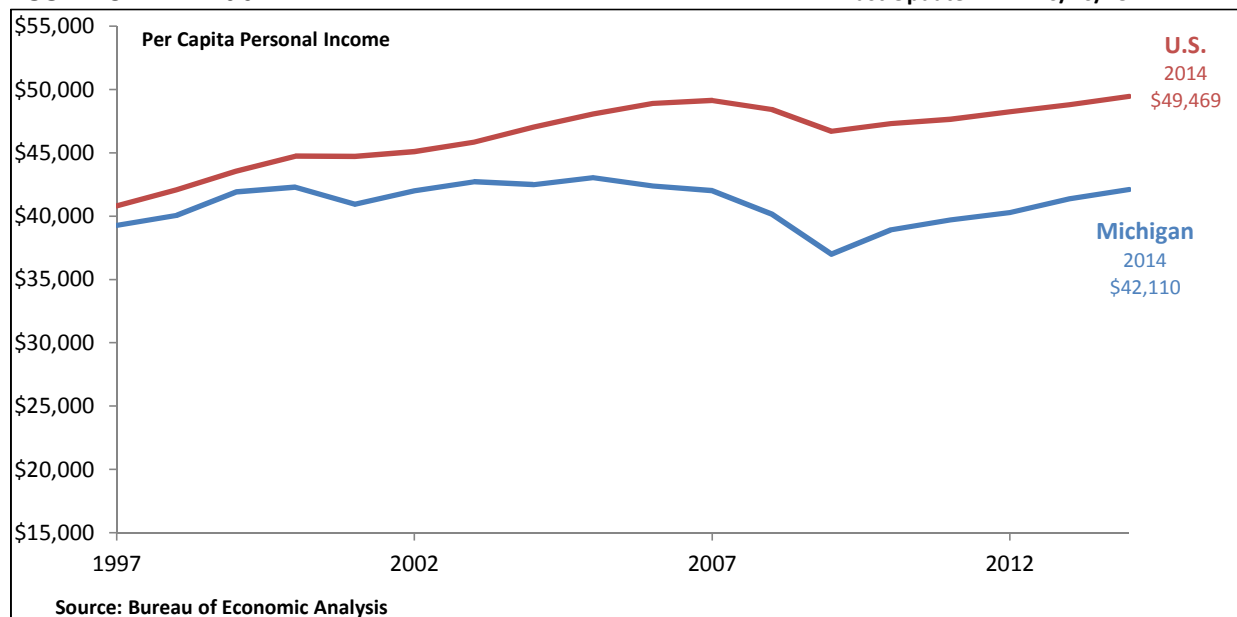
Michigan GDP as a percent of United States GDP remained unchanged in 2014 compared to a year ago. Michigan GDP as a percent of U.S. GDP has been on a long-term decline. Compared to 25 years ago, the percentage has decreased 0.94 percentage points and Michigan's rank has declined from 9th to 13th.

Source: Bureau of Economic Analysis

MICHIGAN PER CAPITA REAL GDP

1997-2014 Annual

Last Update: 6/26/15



1997 to 2014 Annual Averages (\$)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
MI	39,284	40,065	41,924	42,293	40,949	42,022	42,735	42,493	43,048	42,397	42,007	40,181	37,003
US	40,818	42,079	43,545	44,745	44,719	45,097	45,858	47,037	48,090	48,909	49,155	48,429	46,711
MI Rank	24	23	20	21	28	26	27	31	31	37	37	40	42
	2010	2011	2012	2013	2014								
MI	38,927	39,715	40,301	41,393	42,110								
US	47,321	47,641	48,264	48,815	49,469								
MI Rank	38	37	38	37	37								

1997 to 2014 Change in Annual Averages (%)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
MI	NA	2.0%	4.6%	0.9%	-3.2%	2.6%	1.7%	-0.6%	1.3%	-1.5%	-0.9%	-4.3%	-7.9%
US	NA	3.1%	3.5%	2.8%	-0.1%	0.8%	1.7%	2.6%	2.2%	1.7%	0.5%	-1.5%	-3.5%
MI Rank	NA	34	7	41	48	4	32	49	37	50	42	46	48
	2010	2011	2012	2013	2014								
MI	5.2%	2.0%	1.5%	2.7%	1.7%								
US	1.3%	0.7%	1.3%	1.1%	1.3%								
MI Rank	3	11	14	3	11								

Summary: CY 2014

MI Per Capita	\$42,110
Michigan Rank	37
%Δ Year Ago	1.7%
Michigan Rank	11

Highlights

Michigan per capita real GDP was below the national average for 2014. Michigan ranked 37th in per capita real GDP. Michigan per capita GDP was 85.1% of the national average. Michigan per capita real GDP grew faster than the national average in 2014 and ranked 11th nationally by yearly growth rate.

Source: Bureau of Economic Analysis