# **Key Labor Market and Economic Metrics**

# **June Update**

Incorporates Data Available on June 26<sup>th</sup>, 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**

								_		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	5.5%	0.1	-1.8	-5.7	-9.2	5.5%	7.2%	2.6%	46	18	1997	50	2006-2009		
MI Labor Force Participation Rate	60.3%	0.1	-0.3	-0.4	-2.2	62.7%	52.4%	71.8%	39	22	2000	43	2011-2012	40	2009
MI Labor Underutilization (U-6)	13.1%	-0.8 / Qtr.	-2.1 / Qtr.	-7.9 / Qtr.	-7.8 / Qtr.	11.6%	15.3%	5.6%	46	44	2013	50	2005-2009		
Initial Claims for U.I. Benefits	9,699	-272	-2,371	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Online Job Ads	180,421	2,365	2,384	86,187	114,307	NA	NA	NA	NA	NA	NA	NA	NA		
MI Payroll Jobs	4,277,800	25,700	107,200	383,500	447,500	NA	NA	NA	8	8	Several	11	2009		
MI Private Payroll Jobs	3,681,600	24,300	105,700	412,900	495,000	NA	NA	NA	8	8	Several	9	2009		
MI Government Jobs	596,200	1,400	1,500	-29,400	-47,500	NA	NA	NA	12	8	1990-2005	12	2009-2013		
MI Avg. Hourly Earnings(1)	\$20.63	-\$0.09	\$0.19	NA	NA	\$19.69	NA	NA	NA	NA					
U.S. Retail Sales (\$ billions)	\$444.9	1.2%	2.5%	20.4%	30.6%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U.S. Light Vehicle Sales (mill.)	17.7	1.3	1.0	5.3	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Motor Vehicle Production	209,902	5,862	-1,972	107,003	142,974	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Building Permits for Housing Starts	16,841	50	1,503	7,801	9,113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Home Price Index, Detroit(2)	101.53	2.6%	4.0%	49.9%	46.5%	194.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
MI Per Capita Personal Income	\$40,556	NA	3.8%	NA	NA	\$46,129	\$34,333	\$62,467	36	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

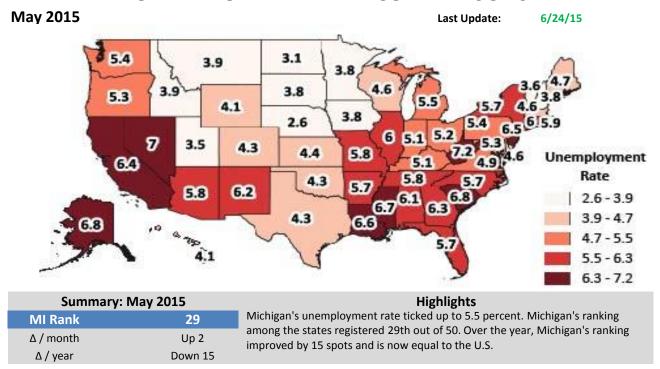
<sup>(1)</sup> Production Workers, Manufacturing

<sup>(2)</sup> For Index, CY 2000 = 100

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# **UNEMPLOYMENT RATE COMPARISONS**



# LABOR FORCE PARTICIPATION RATE COMPARISONS

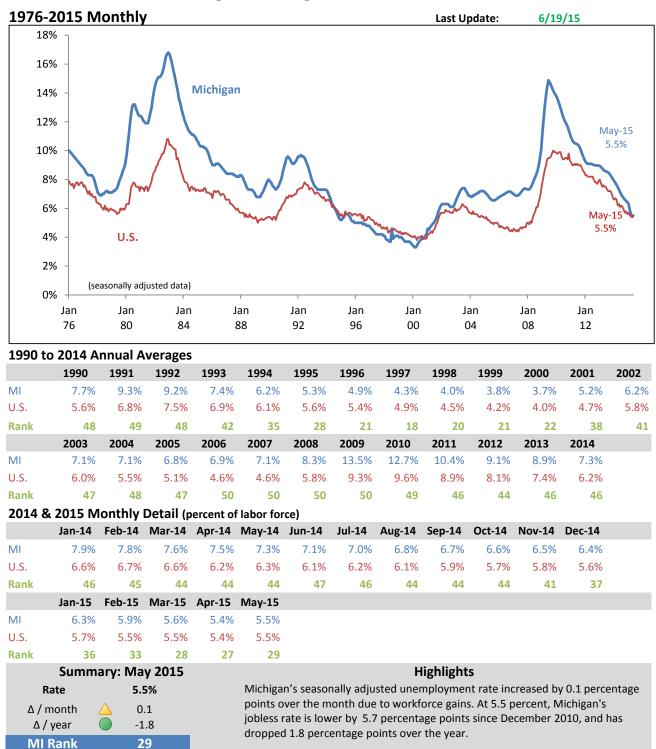
May 2015 Last Update: 6/24/15 63.6 71.8 64.4 70.8 64 69:7 60.5 68.3 70.2 701 64.5 63.3 63 Labor Force 4 66.8 64.3 63.3 68.8 67.3 67.8 65.7 Participation 58 62.5 Rate 60.1 62.8 58.2 60.4 58.3 57.1 59.5 52.4 - 55.2 55.2 61.7 55.2 - 60.5 64.4 62 60.5 - 64.5 59 64.5 - 68.3

Summary:	May 2015	Highlights
MI Rank	41	Michigan's labor force participation increased slightly to 60.3 percent in
Rank Last Mo	Unchanged	January, ranking 41st out of the fifty states. Michigan's rank is unchanged over the month and up 1 since May 2014.
Rank Last Yr	Up 1	the month and up 1 since may 2014.

68.3 - 71.8

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

# **UNEMPLOYMENT RATE**

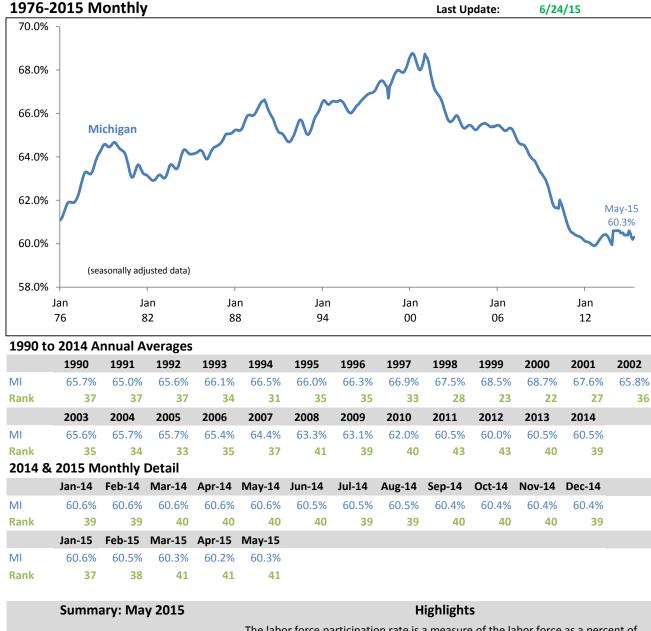


# **UNEMPLOYMENT RATE (Historical)**

	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	7.1%	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%
0.5.	3.070	4.370	J.170	3.070	3.470	3.070	3.070	0.170	0.170	0.570	0.070	7.570
	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	-		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%

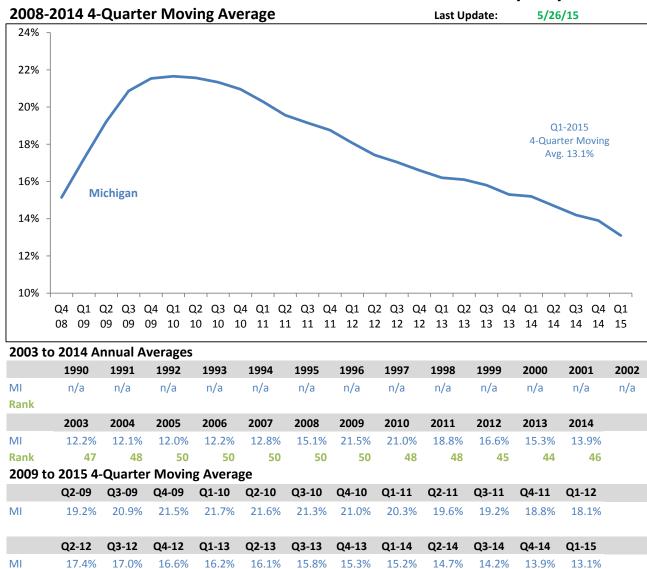
Change from July 2009	-9.2	Percentage Points
Change from December 2010	-5.7	Percentage Points

#### LABOR FORCE PARTICIPATION RATE



Summary: May	2015 Highlights
Rate 60.3 $\Delta / \text{month} \qquad \triangle \qquad 0.1$ $\Delta / \text{year} \qquad \triangle \qquad -0.3$	twentieth century, the labor force participation rate increased dramatically,
MI Rank 41	

# **MEASURE OF LABOR UNDERUTILIZATION (U-6)**



Summary: 2015 Q1	Highlights
<b>4-Qtr Mov. Avg. 13.1%</b> 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 13.1 percent for the twelve month period ending first quarter 2015, the
MI Rank 45	lowest rate since before the beginning of the Great Recession. The U-6 for the U.S. is
	11.6 percent.

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

10.57

MI

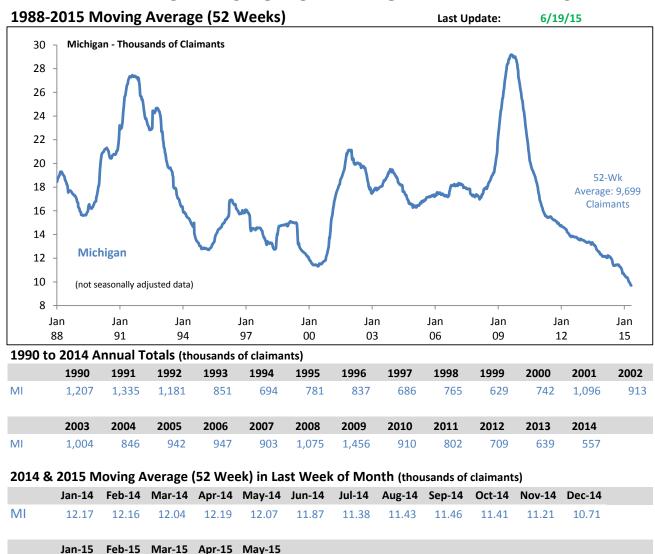
10.40

10.31

9.97

9.70

# **INITIAL CLAIMS FOR UNEMPLOYMENT BENEFITS**



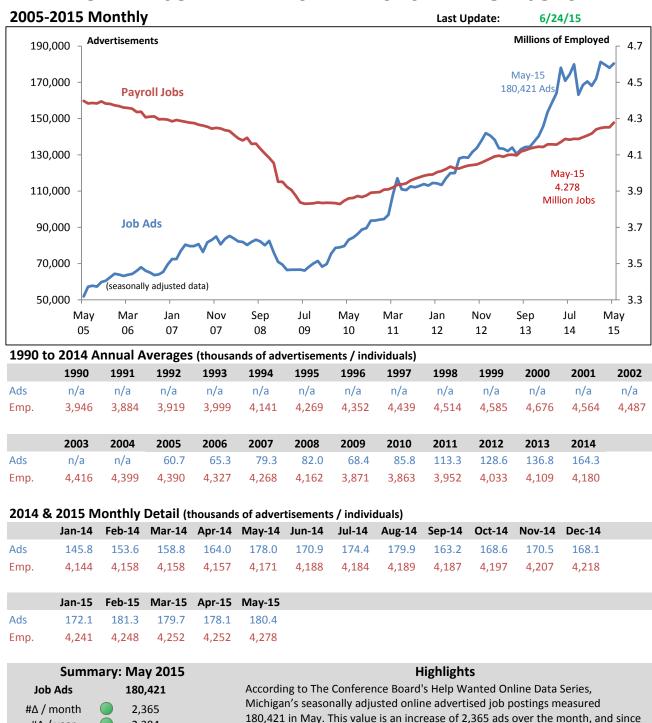
Summ	nary: May 2015	Highlights					
52 Week Avg.	9,699	There were 5,608 initial claims filed for state unemployment insurance benefits for the week of May 23 to May 30.					
# $\Delta$ / month % $\Delta$ / month	-272 -2.7%	The 52 week moving average, which offers a better picture of the trend in initial claims, measured 9,699, which was a decrease of 2.7 percent over the month					
#Δ / year %Δ / year	-2,371 -19.6%	and down by 19.6 percent since May 2014.					

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

#∆ / year

2,384

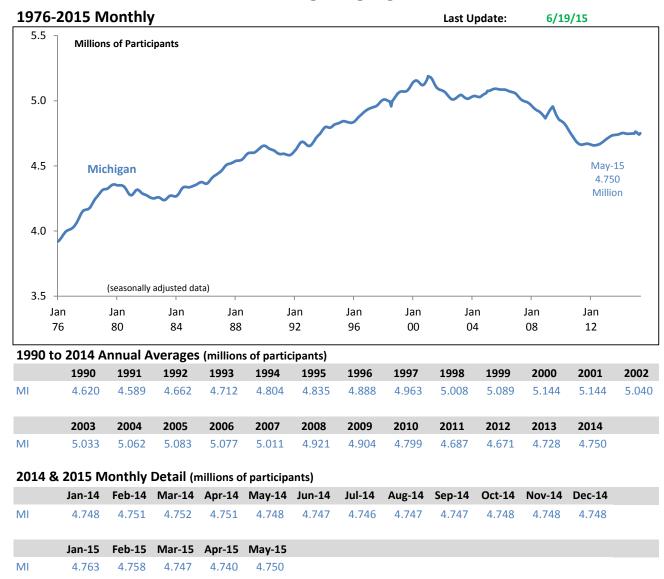
# **ONLINE JOB ADVERTISEMENTS vs. PAYROLL JOBS**



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

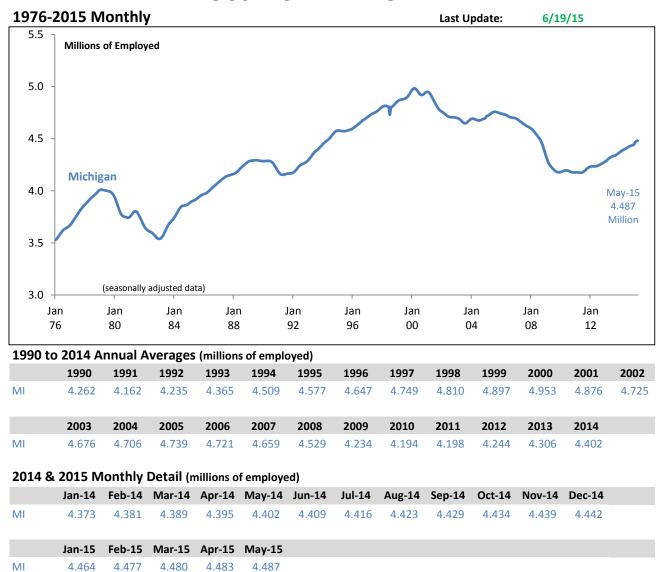
May 2014 ads have increased by 2,384.

# **LABOR FORCE**



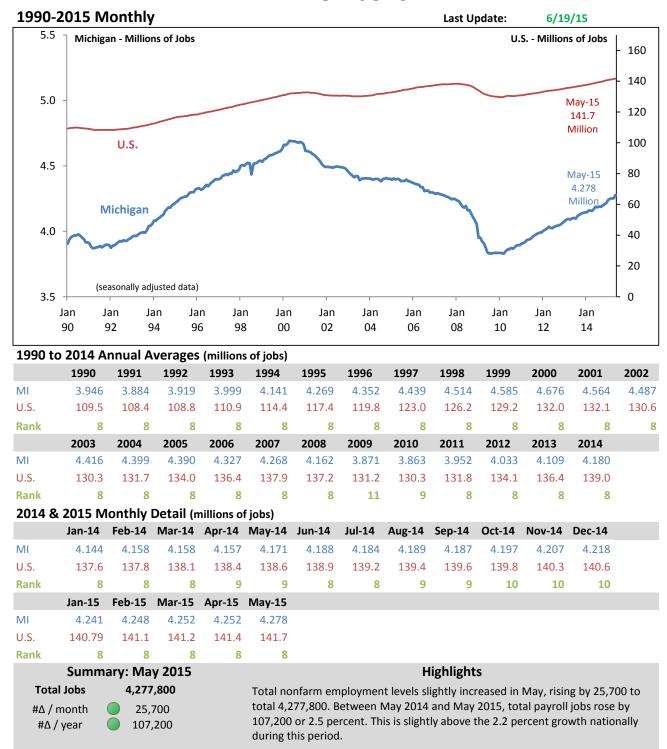
Summary: May 2015	Highlights
Labor Force       4,750,000         #Δ / month       10,000         %Δ / month $\triangle$ 0.2%	The labor force, which is the sum of employed and unemployed persons, rose by 10,000 over the month. Since May 2014, the labor force has increased by 2,000 individuals.
#Δ / year 2,000 %Δ / year △ 0.0%	

# HOUSEHOLD EMPLOYMENT



Sumn	nary: May 2015	Highlights
Employment	4,487,000	Employment in Michigan grew by 4,000 from April to May. In addition, employment is up by 85,000 since May 2014, an increase of 1.9 percent.
#∆ / month	<u> </u>	
%∆ / month	0.1%	
#Δ / year %Δ / year	85,000 1.9%	

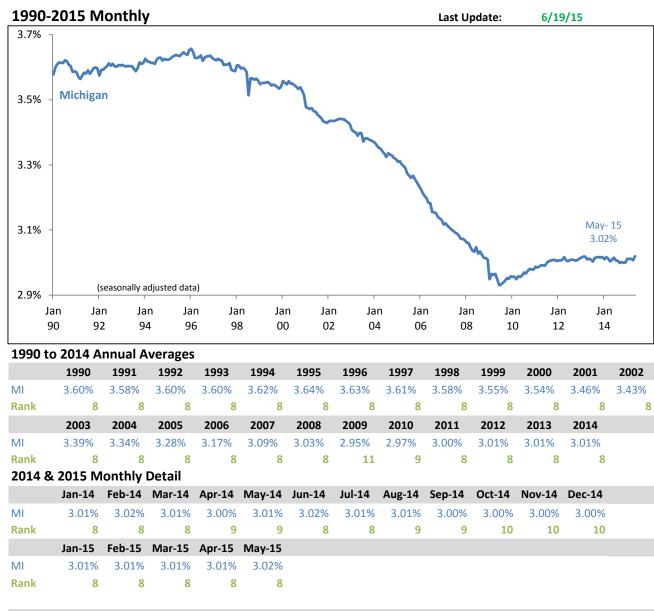
#### **PAYROLL JOBS**



# **PAYROLL JOBS (Historical)**

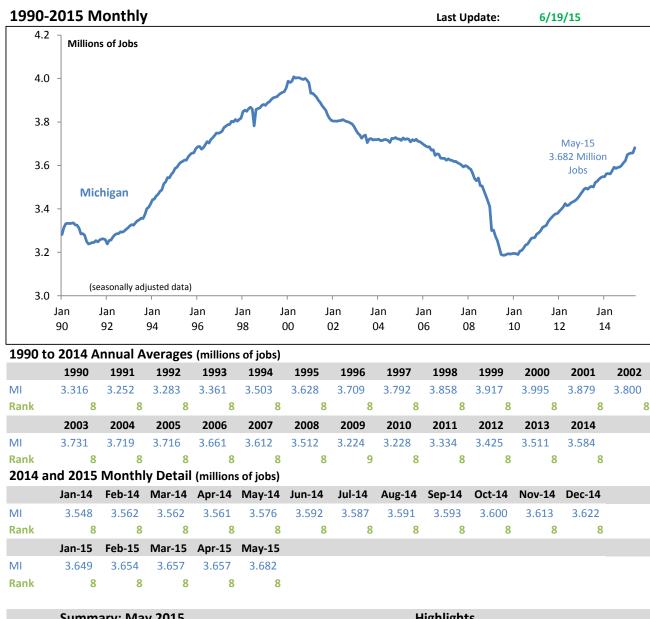
Seasona	lly Adjuste	ed									Mill	ions
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
MI	4.236	4.232	4.211	4.191	4.180	4.194	4.161	4.162	4.134	4.107	4.083	4.055
Δ mo.	-0.010	-0.005	-0.020	-0.021	-0.011	0.014	-0.034	0.001	-0.028	-0.027	-0.024	-0.028
U.S.	138.4	138.3	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	3.833	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	-		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
Д 1110.	0.500	0.220	0.243	0.030	0.110	0.000	0.100	0.130	0.101	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		135.7	135.9		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		4	47,500						
	Change	from Dec	cember 2	010	3	83,500						
	J											

# MICHIGAN'S SHARE OF U.S. PAYROLL JOBS



Summary: May 2015		Highlights
% Share Δ / month Δ / year	3.02% △ 0.01 △ 0.01	Michigan's share of U.S. payroll jobs rose to 3.02 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
*∆ calculated with	unrounded data	Michigan.

#### PRIVATE SECTOR PAYROLL JOBS

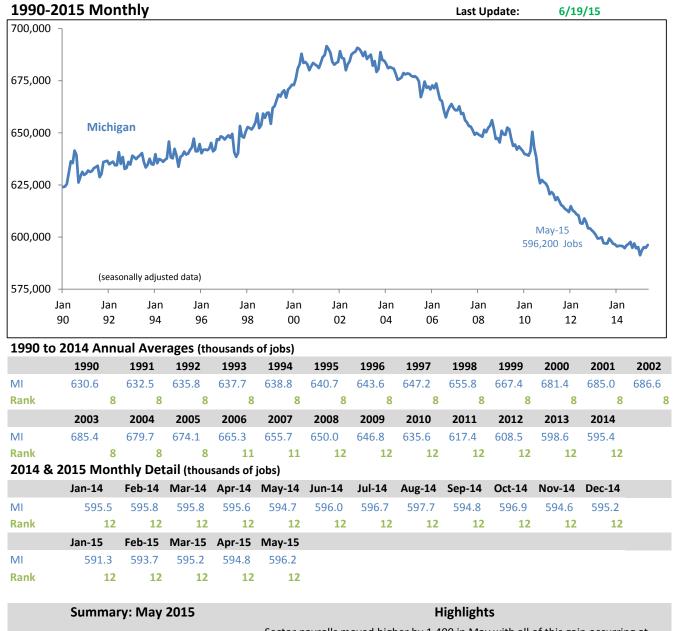


Sumn	nary: May 2015	Highlights
Total Jobs #Δ / month %Δ / month	<b>3,681,600 24,300</b> 0.7%	In the private sector, jobs increased by 24,300 from April to May. Over the year there have been 105,700 private sector payroll jobs added. From the 2009 annual average to the 2014 annual average, private sector jobs increased by 360,000.
#Δ / year %Δ / year	105,700 3.0%	

# **PRIVATE SECTOR JOBS (Historical)**

Seasona	sonally 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		Apr-11	-		Jul-11	Aug-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	
<u> </u>	0.304	0.220	0.240	0.102	0.131	0.075	0.172	0.130	0.133	0.233	0.211	0.213	
	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					95,000							
	Change	from Dec	cember 2	010	4	12,900							

# **GOVERNMENT PAYROLL JOBS**



Summ	nary: May 2015	Highlights						
Total Jobs #Δ / month %Δ / month	<b>596,200</b> 1,400 0.2%	Sector payrolls moved higher by 1,400 in May with all of this gain occurring at the <i>State</i> level (+1,800). <i>Local</i> government jobs were unchanged over the month. Job levels increased by 1,500 since May 2014 on payroll additions at the <i>State</i> (+3,600) and <i>Federal</i> (+700) levels.						
#Δ / year %Δ / year	1,500 0.3%							

# **GOVERNMENT JOBS (Historical)**

Seasona	ally Adjusted										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
	lan 10	F-h 10	Na. 10	A 10	Na 10	l 10	11 10	A 10	Cam 10	0-+ 10	Nov. 10	Dec 10
N/II	Jan-10 639.8	<b>Feb-10</b> 639.6	Mar-10 639.0	<b>Apr-10</b> 641.2	May-10 650.5	Jun-10 642.9	Jul-10 638.3	<b>Aug-10</b> 630.1	Sep-10 625.8	Oct-10	Nov-10 626.4	Dec-10 625.6
MI										627.4		
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				0.50		-0.20	0.00	2.40		-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
						F00						
	Change from July 2009				-47,							
	Change from December 2010					400						

# **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	55,400	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							
MI Fed	50,800	51,300	51,400	51,900	51,500							
MI State	180,100	181,900	182,600	182,200	184,000							
MI Local	360,400	360,500	361,200	360,700	360,700							
Total	591.3	593.7	595.2	594.8	596.2							

20.86

MI

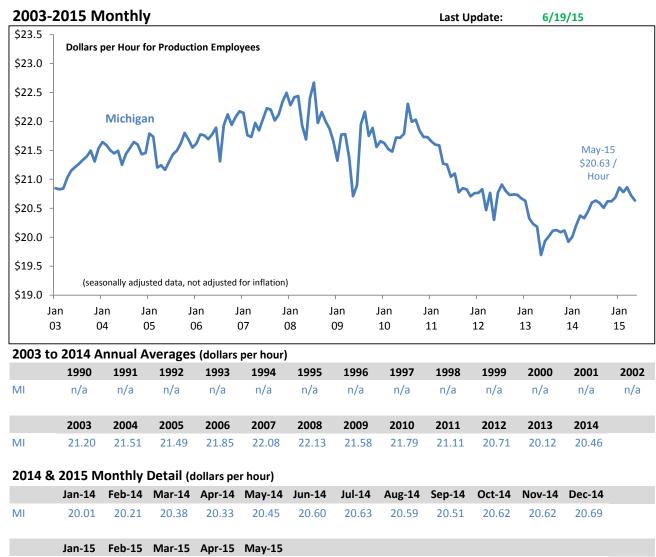
20.86

20.78

20.72

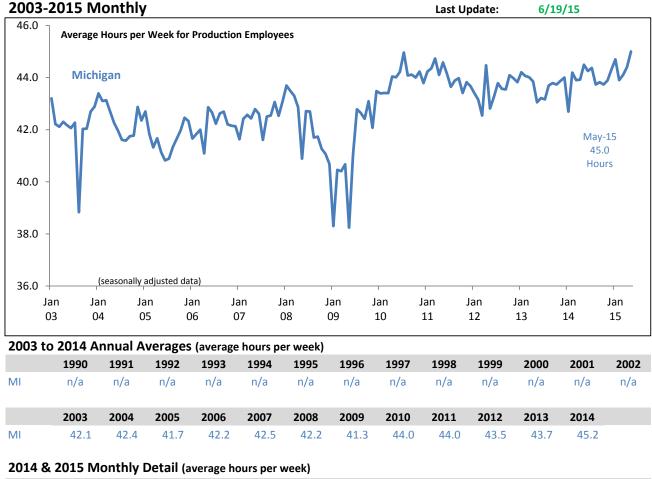
20.63

# **AVERAGE HOURLY EARNINGS: MANUFACTURING**



Summary: May 2015	Highlights
Hours Worked       \$20.63         #Δ / month       -\$0.09         %Δ / month       -0.4%         #Δ / year       \$0.19         %Δ / year       0.9%	Manufacturing hourly earnings decreased over the month by \$0.09, or a 0.4 percent contraction. Hourly earnings have increased by \$0.19, or 0.9 percent, over the year.

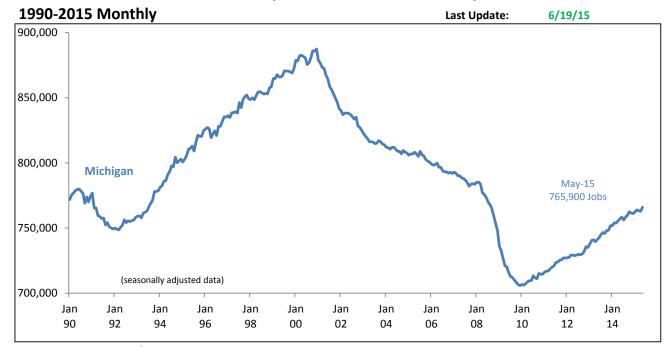
# **AVERAGE WEEKLY HOURS: MANUFACTURING**



	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								
MI	44.7	43.9	44.1	44.4	45.0								

Summary: May 2015	Highlights
Hours Worked 45.0  # $\Delta$ / month $\triangle$ 0.6  # $\Delta$ / year $\triangle$ 0.5  (Rounded)	Average weekly hours worked in the state's <i>Manufacturing</i> sector increased by 0.6 hours over the month. Since May 2014, average weekly hours worked have also increased 0.5 hours.

# PAYROLL JOBS: TRADE, TRANSPORTATION, AND UTILITIES



1990 to 2014 Annua	I Averages	(thousands of	jobs)	
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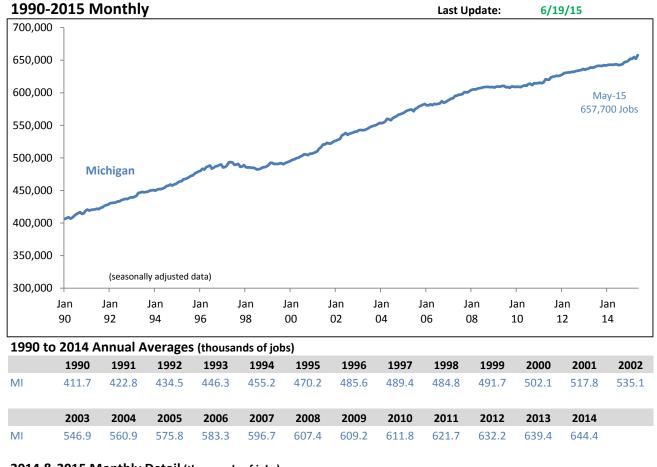
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	775.1	757.9	753.9	767.1	793.6	812.5	826.9	843.1	853.5	868.3	881.2	861.2	834.3
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	817.0	809.8	805.1	795.0	787.0	770.3	717.2	710.7	721.8	730.2	744.1	757.3	

#### 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							
MI	762.5	763.9	763.2	762.9	765.9							
Rank	11	11	11	11	11							

Summary: May 2015	Highlights
Total Jobs       765,900         #Δ / month $\Delta$ 3,000         %Δ / month       0.4%         #Δ / year $\Delta$ 8,800         %Δ / year       1.2%	Employment increased by 3,000 in May led by job gains in <i>Retail trade</i> (+3,300). The significant rise in retail payrolls was partially due to above average employment gains in <i>Motor vehicle and parts dealers</i> and <i>Clothing and clothing accessories stores</i> . Since May 2014, broad sector job levels have grown by 8,800 as employers in <i>Retail trade</i> (+4,900), <i>Transportation, warehousing, and utilities</i> (+3,000), and <i>Wholesale trade</i> (+900) added to payrolls.

# **PAYROLL JOBS: PRIVATE EDUCATION & HEALTH SERVICES**

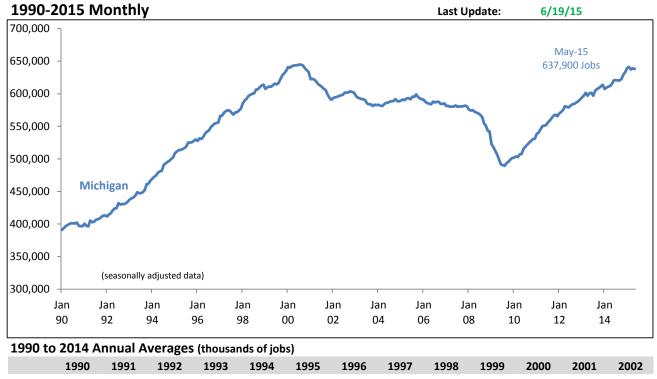


#### 2014 & 2015 Monthly Detail (thousands of jobs)

	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	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							
MI	652.1	652.0	654.9	652.2	657.7							
Rank	9	9	9	Q	Q							

Summary: May 2015	Highlights
Total Jobs       657,700         #Δ / month       5,500         %Δ / month       0.8%         #Δ / year       13,900         %Δ / year       2.2%	Employers added 5,500 jobs in May, which brought job levels to a series high of 657,700. The largest contributor to this gain was the <i>Health care and social assistance</i> (+3,100) subsector. Atypically large monthly employment increases in <i>Ambulatory health care services and Hospitals</i> were partially responsible for this subsector reaching a series high. Over the year, payrolls moved higher by 13,900 in the broad sector with gains in <i>both Healthcare and social assistance</i> (+9,300) and <i>Education services</i>

# **PAYROLL JOBS: PROFESSIONAL & BUSINESS SERVICES**



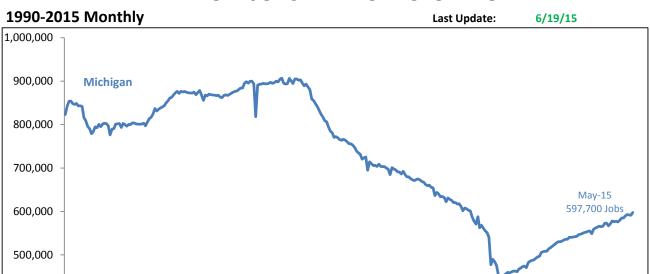
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	398.0	405.4	425.2	449.6	486.3	519.0	542.6	571.6	601.2	618.1	641.2	610.0	599.3
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	588.2	586.3	593.1	586.1	580.8	563.5	501.5	515.9	554.3	580.8	602.8	619.0	

#### 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							
MI	639.4	641.1	637.2	639.1	637.9							
Rank	9	9	9	9	10							

Summary: May 2015	Highlights
Total Jobs       637,900         #Δ / month $\triangle$ -1,200         %Δ / month       -0.2%         #Δ / year       22,200         %Δ / year       3.6%	Payrolls contracted by 1,200 in May as an employment decline in Administrative support and waste management and remediation services (-2,200) outpaced job gains in Professional, scientific, and technical services (+700) and Management of companies and enterprises (+300). Since May 2014, employment in the broad sector has increased by 22,200 as employers in Administrative and support and waste management and remediation services and Professional, scientific, and technical services added jobs.

# **PAYROLL JOBS: MANUFACTURING**



#### 1990 to 2014 Annual Averages (thousands of jobs)

(seasonally adjusted data)

Jan

94

Jan

96

Jan

98

Jan

00

400,000

Jan

90

Jan

92

			0										
	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	

Jan

02

Jan

04

Jan

06

Jan

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10

Jan

12

Jan

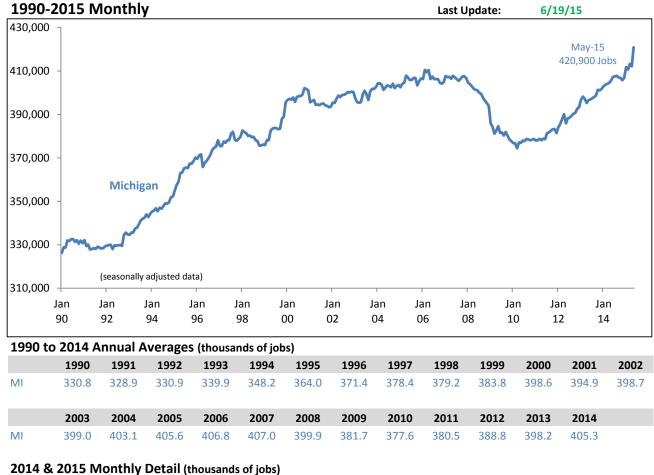
14

#### 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							
	Jan-15	Feb-15	Mar-15	Apr-15	May-15							
MI	589.7	593.1	591.9	591.1	597.7							
Rank	4 of 48											

Summary: May 2015	Highlights
Total Jobs       597,700         #Δ / month       6,600         %Δ / month       1.1%         #Δ / year       25,800         %Δ / year       4.5%	Employment advanced by 6,600 in May with both the <i>Durable</i> (+4,300) and <i>Nondurable goods</i> (+2,300) sectors contributing to this gain. The state's key <i>Transportation equipment manufacturing</i> industry was up by 2,000 jobs due to recalls of workers on short-term layoff. The significant addition to <i>Nondurable goods sector</i> payrolls was partially the result of stronger than typical hiring in <i>Plastics and rubber products manufacturing</i> . Since May 2014, <i>Manufacturing</i> payrolls have grown by 25,800 with most of this gain in <i>Durable goods</i> .

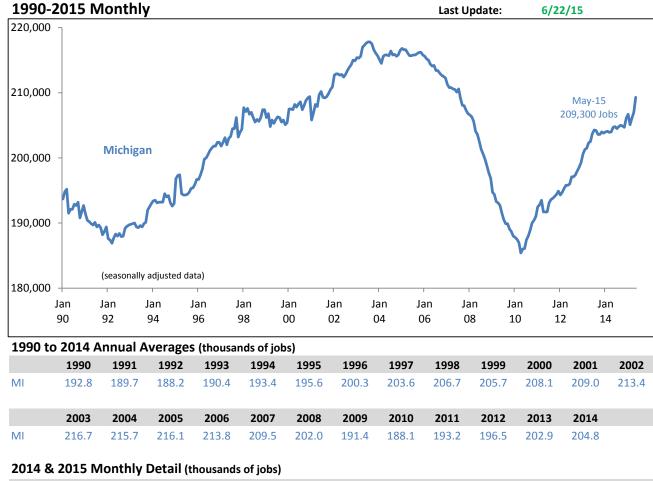
# **PAYROLL JOBS: LEISURE & HOSPITALITY**



	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							
MI	411.8	410.6	413.3	412.2	420.9							
Rank	10	10	10	10	10							

Summary: May 2	015 Highlights
Total Jobs #Δ / month 8,700 %Δ / month 2.1% #Δ / year 15,200 %Δ / year 3.7%	recreation (+3,100) subsectors. The over the month gain in Accommodation and food services elevated employment levels in this sector to a series high.  Over the year, job levels were up by 15,200 in the broad sector on gains in

# **PAYROLL JOBS: FINANCIAL ACTIVITIES**



	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							
MI	206.7	205.1	206.1	207.0	209.3							
Rank	12	12	12	12	12							

Summary: May 2015	Highlights
Total Jobs       209,300         #Δ / month       2,300         %Δ / month       1.1%         #Δ / year       4,600         %Δ / year       2.2%	Job levels rose by 2,300 in May with all of this gain occurring in the <i>Finance and insurance</i> (+2,700) subsector. Since May 2014, 4,600 positions have been added in the broad sector with job expansion in both the <i>Finance and insurance</i> (+3,000) and <i>Real estate and rental and leasing</i> (+1,600) subsectors.

#\Delta / month

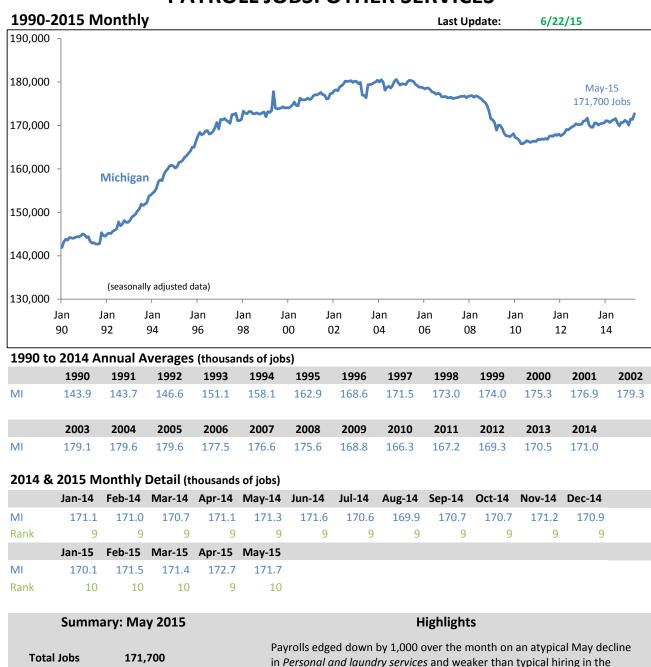
%Δ / month

#Δ / year %Δ / year -1,000

-0.6% 400

0.2%

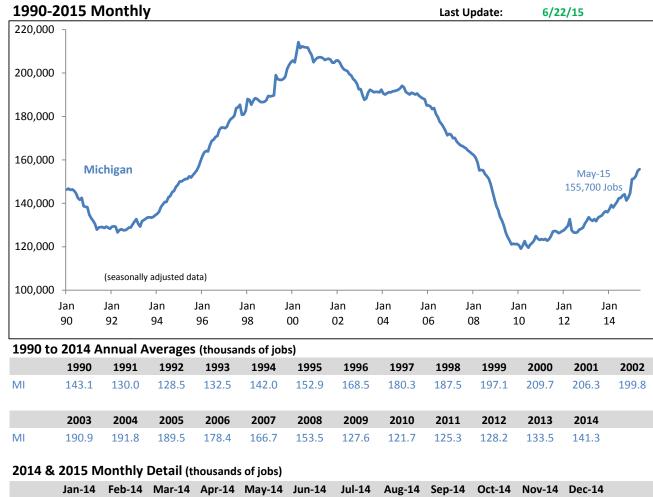
#### **PAYROLL JOBS: OTHER SERVICES**



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

Religious, grant making, civic, professional, and similar organizations subsector. Job levels were up marginally by 400 over the year.

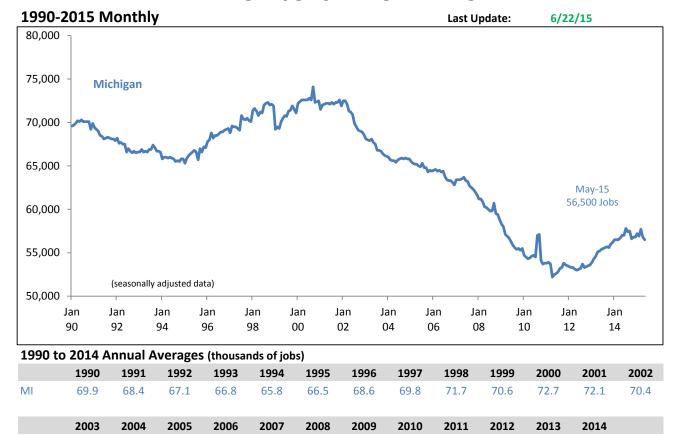
# **PAYROLL JOBS: CONSTRUCTION**



	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							
MI	151.1	151.4	152.5	154.9	155.7							
Rank	14	15	13	13	13							

Summary: May 2015	Highlights
<b>Total Jobs 155,700</b> #∆ / month △ 800	Employment advanced by 800 in May. This gain was due in part to stronger than typical hiring in <i>Heavy and civil engineering</i> construction. Employment in the broad sector is up by 15,100 since May 2014, or by 10.7 percent.
$\%\Delta$ / month 0.5%	
#Δ / year 15,100 %Δ / year 10.7%	

# **PAYROLL JOBS: INFORMATION**



#### 2014 & 2015 Monthly Detail (thousands of jobs)

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	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	14 of 40	14 of 40	15 of 40								
	Jan-15	Feb-15	Mar-15	Apr-15	May-15							
MI	57.2	56.9	57.7	56.8	56.5							
Rank	15 of 40	15 of 40	15 of 40	14 of 40	14 of 40							

56.4

54.8

53.2

53.3

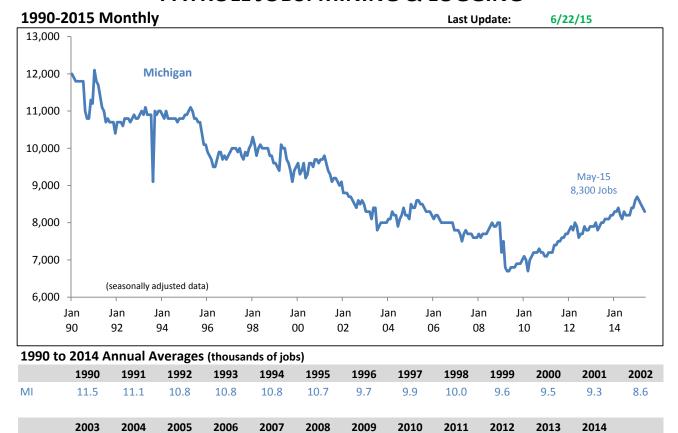
60.2

55.3

57.0

Summary: May 2015	Highlights
Total Jobs 56,500	<i>Information</i> sector payrolls notched lower by 300 jobs in May and by 500 over the year.
# $\Delta$ / month $\triangle$ -300 % $\Delta$ / month -0.5%	
#Δ / year	
%∆ / year -0.9%	

# **PAYROLL JOBS: MINING & LOGGING**



#### 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	8.3	8.4	8.2	8.1	8.3	8.2	8.2	8.2	8.4	8.4	8.6
Rank	25 of 41	24 of 41	24 of 41	24 of 41								
	Jan-15	Feb-15	Mar-15	Apr-15	May-15							
MI	8.7	8.6	8.5	8.4	8.3							
Rank	25 of 41	25 of 41	24 of 41	25 of 41	25 of 41							

6.9

7.1

7.4

7.8

8.0

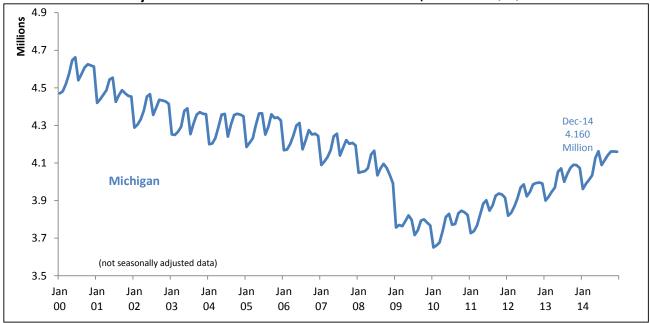
8.3

7.9

Sumr	nary	: May 2015	Highlights
Total Jobs		8,300	Employment levels moved lower by 100 in May. This marked the fourth consecutive month of similar declines. Since May 2014, 200 jobs were added.
#∆ / month		-100	
%∆ / month		-1.2%	
#∆ / year		200	
%∆ / year		2.5%	

# **COVERED EMPLOYMENT**

2000-2014 Monthly Last Update: 6/22/15



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 2013** MI 3.856 3.936 4.019

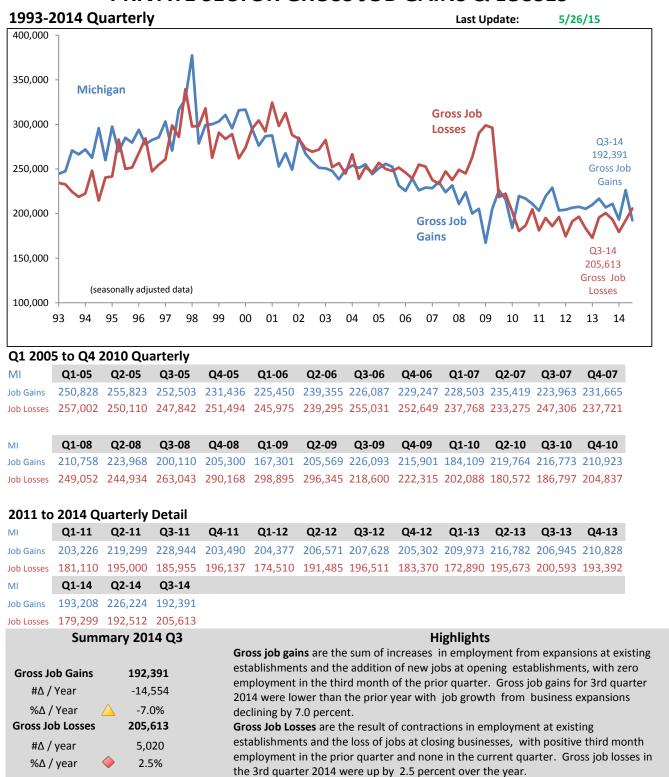
#### 2013 & 2014 Monthly Detail (millions of employed)

	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	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
MI	3.960	3.990	4.010	4.034	4.125	4.163	4.092	4.117	4.144	4.161	4.161	4.160

Summar	y: December 2014	Highlights
Employment #∆ / year	<b>4,159,639</b> 86,916	In December 2014, Michigan's' covered employment levels were higher than in December 2013. Employment has increased by 392,164 since reaching the lowest December level in 2009, a 10.0 percent gain since that time.
%∆ / year	2.3%	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 95 percent of Michigan jobs.

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

#### PRIVATE SECTOR GROSS JOB GAINS & LOSSES



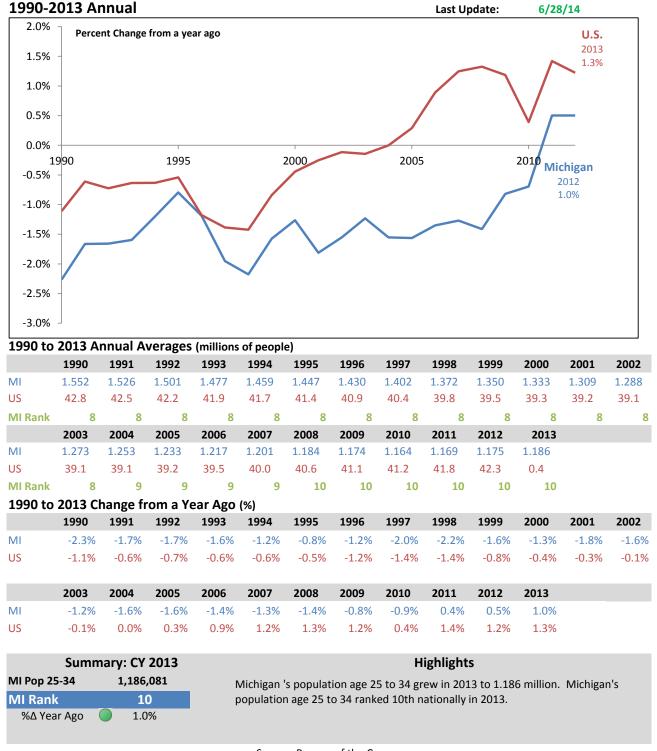
Source: Bureau of Labor Market Information, Business Employment Dynamics (BED)

#### MICHIGAN POPULATION



Source: Bureau of the Census

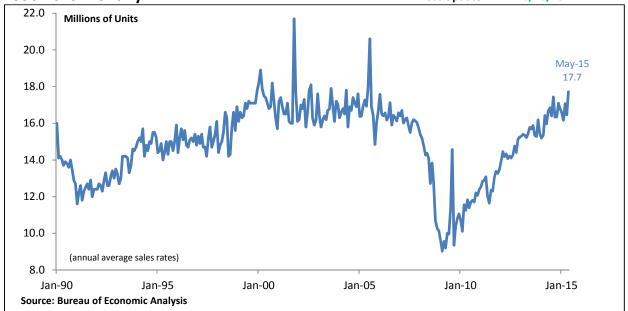
# **MICHIGAN POPULATION AGE 25 to 34**



Source: Bureau of the Census

# **U.S. LIGHT VEHICLE SALES**





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

				•	U			•					
	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)

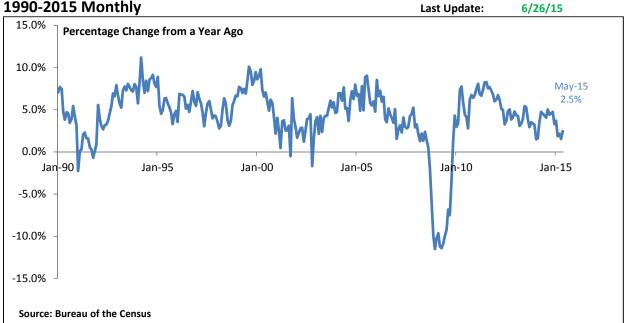
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	
LV Sales	15.2	15.3	16.4	16.0	16.7	16.8	16.4	17.4	16.3	16.3	17.1	16.8	

	Jan-15	Feb-15	Mar-15	Apr-15	May-15
LV Sales	16.6	16.2	17.1	16.5	17.7

Summary	y: May 2015	Highlights
LV Sales (mill)  # $\Delta$ / month  % $\Delta$ / month  # $\Delta$ / year  % $\Delta$ / year	17.7 1.3 7.6% 1.0 6.3%	Light vehicle sales increased 7.6 percent in May to a 17.7 million unit annual average rate, from the April rate of 16.5 million units. The sales rate was the highest since 2005 and reflected catch-up buying from lower sales rates earlier in the year. Fundamentals remain strong for vehicle sales as employment and wages improve and credit remains accessible. From a year ago, light vehicle sales were up 6.3 percent in May.

# **U.S. RETAIL SALES**

#### 1990-2015 Monthly



#### 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%	3.9%	

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

		• • •				<b>.</b>							
	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%	4.7%	4.5%	4.3%	4.1%	5.0%	4.4%	4.6%	4.7%	3.3%	
	Jan-15	Feb-15	Mar-15	Apr-15	May-15								
R Sales	3.7%	1.9%	2.1%	1.5%	2.5%								

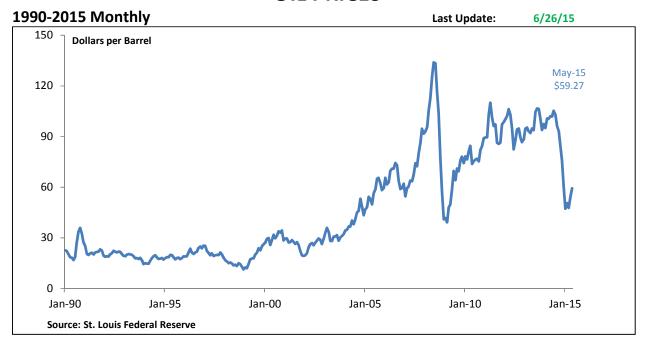
#### YTD Trend Table 2 (percent change from a month ago)

	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%	0.8%	0.3%	0.3%	0.2%	0.6%	-0.3%	0.4%	0.5%	-0.9%
	Jan-15	Feb-15	Mar-15	Apr-15	May-15							

Summary: M	1ay 2015	Highlights
	<b>9 ann rate</b> 2.5% 1.2%	May 2015 retail sales increased 1.2 percent from a month ago. Sales were strong across the board with gains led by auto dealers and gasoline stations. The report suggests that consumers are beginning to spend more freely. From a year ago, retail sales increased 2.5 percent.

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	

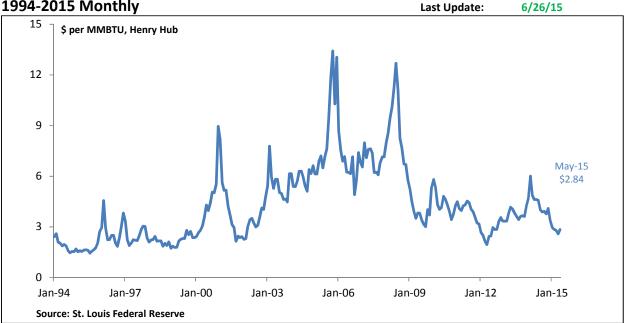
	Jan-15	Feb-15	Mar-15	Apr-15	May-15
Oil Price	47.27	50.61	47.78	54.44	59.27

Summary: May 2015	5 Highlights
Oil Prices \$59.27	The average price per barrel of oil increased \$4.83 in May from April to \$59.27 per barrel. From a year ago, oil prices are down 41.8 percent.
#Δ / month \$4.83	
%∆ / month 🔷 8.9%	
#Δ / year -\$42.59	
%Δ / year 🔵 -41.8%	

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)

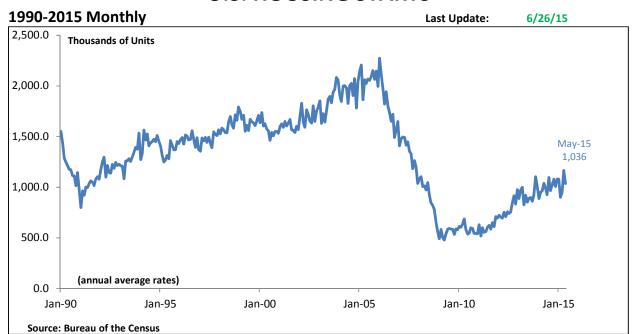
Ja	n-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
NG Price 4	.69	6.01	4.86	4.61	4.62	4.57	4.01	3.88	3.92	3.77	4.09	3.40

	Jan-15	Feb-15	Mar-15	Apr-15	May-15
NG Price	2.97	2.85	2.80	2.58	2.84

Sumn	nary	: May 2015	Highlights
NG Price		\$2.84	Natural gas prices increased 10.1 percent in May from April. Compared to a year ago, natural gas prices are down 38.5 percent.
#∆ / month		\$0.26	
%Δ / month	$\Diamond$	10.1%	
#∆ / year		-\$1.78	
%Δ / year		-38.5%	

Source: St. Louis Federal Reserve Database

# **U.S. HOUSING STARTS**



#### 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
HS	1,080	900	954	1,165	1,036

Summar	y: May 2015	Highlights
HS (000s)  #Δ / month  %Δ / month  #Δ / year  %Δ / year	1,036 -129 -11.1% 50 5.1%	Housing starts totaled an annual average rate of 1,036,000 in May, down 11.1 percent from April. May housing starts were below projections due to declines in the South and West regions. Housing permits were up nearly 12 percent in from April which should leading to stronger housing statistics later in the year. Housing starts in May 2015 were 5.1 percent higher than a year ago.

Source: Bureau of the Census

# **MICHIGAN BUILDING PERMITS FOR HOUSING STARTS**

2000-2015 Monthly

60,000.0

12 month moving annual average

50,000.0

40,000.0

20,000.0

10,000.0

(12 month annual average)

#### 2000 to 2014 Annual Averages (thousands of permits)

Jan-04

Jan-02

0.0

Jan-00

Source: Bureau of the Census

	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											

Jan-08

Jan-10

Jan-12

Jan-14

Jan-06

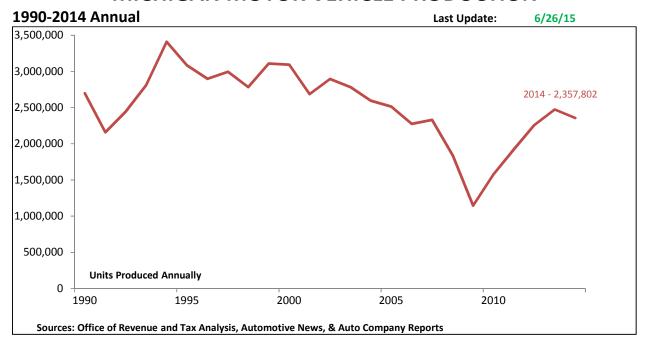
#### 2014 & 2015 Monthly Detail (12 month moving average annual rate in thousands)

	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							

Summary: May	y 2015 Highlights
BP (000s)       16.8         #Δ / month       0.0         %Δ / month $\triangle$ 0.3         #Δ / year       1.5         %Δ / year       9.8	month moving average is 9.8 percent higher than a year ago. While still dow from the highs in the early 2000s, building permits continue to increase.

Source: Bureau of the Census

# MICHIGAN MOTOR VEHICLE PRODUCTION



#### 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	

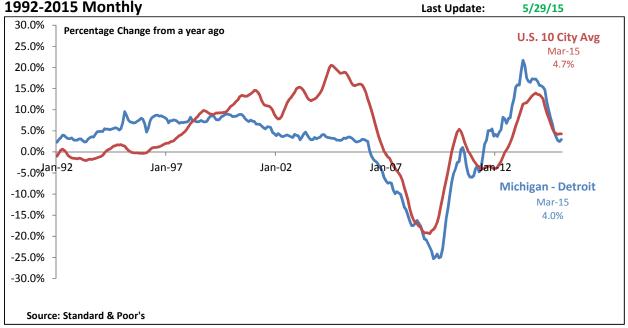
	Jan-15	Feb-15	Mar-15	Apr-15	May-15
MV Prod.	175.2	198.1	224.9	204.0	209.9

Summ	ary:	May 2015	5 Highlights
MV Prod. (000s)		209.9	Michigan motor vehicle production totaled 209,900 units in May, which was up 2.9 percent from last month but down 0.9 percent from a year ago.
#∆ / month		5.9	
%∆ / month		2.9%	
#∆ / year		-2.0	
%∆ / year		-0.9%	

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

# **CASE-SHILLER HOME PRICE INDEX**

# 1992-2015 Monthly



#### Year to Year Trend Table (percent change)

i cui to	real to real frence thereent diange,												
	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 Ci	ty		-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 Ci	ty	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)

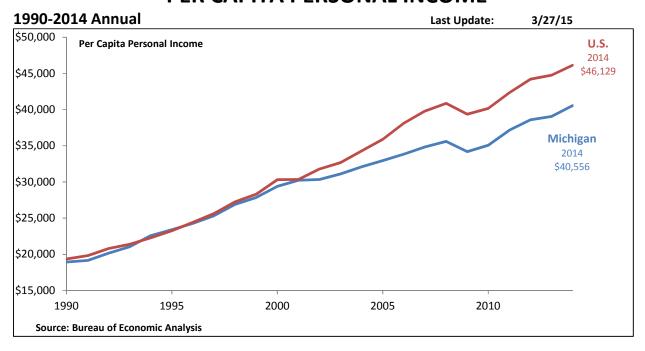
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
MI -Det	15.8%	15.7%	15.3%	14.7%	11.9%	10.0%	8.1%	6.7%	4.8%	3.6%	2.7%	2.4%
US - 10 City	13.6%	13.1%	12.5%	10.8%	9.3%	8.1%	6.7%	5.5%	4.7%	4.4%	4.1%	4.3%

	Jan-15	Feb-15	Mar-15
MI -Det	2.9%	3.9%	4.0%
US - 10 City	4.3%	4.8%	4.7%

Summary:	March 2015	Highlights
Det CSH Index (Jan 2000 = 100) %Δ Year Ago	<b>101.53</b> 4.0%	Detroit housing prices were up 4.0 percent from a year ago in March, 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 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											<b>2013</b> 39,055		
MI US		32,119	32,952	33,851	34,853	35,594	34,190	35,082	37,163	38,585		40,556	

#### 1990 to 2014 Change in Annual Averages (%)

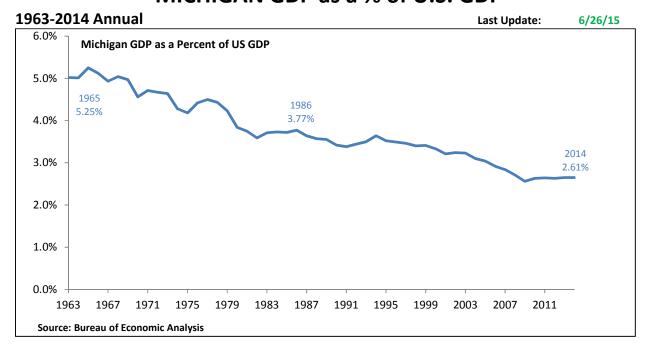
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MI	4.0%	1.1%	5.2%	4.7%	6.9%	4.9%	4.4%	4.8%	5.3%	4.3%	5.7%	0.7%	0.4%
US	5.0%	2.0%	5.4%	3.0%	3.9%	4.5%	4.9%	4.9%	6.0%	4.1%	6.9%	-0.8%	4.8%
MI Rank	39	44	29	7	3	15	36	24	37	13	38	50	42
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
MI	2.5%	3.2%	2.6%	2.7%	3.0%	2.1%	-3.9%	2.6%	5.9%	3.8%	1.2%	3.8%	
US	2.8%	5.0%	4.6%	6.2%	4.4%	2.7%	-3.7%	1.9%	5.5%	4.4%	1.3%	3.0%	
MI Rank	30	48	43	49	45	39	35	16	15	30	29	10	
	Summ	arv· CV	2014					н	ighlight				

Summary: CY 2014											
MI Per Capita	\$40,556										
Michigan Rank	36										
%Δ Year Ago	3.8%										
Michigan Rank	10										

# **Highlights**Michigan per capita personal income grew faster than the national average at 3.8% compared to 3.0% in 2014. Michigan per capita personal income is well

3.8% compared to 3.0% 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.

# MICHIGAN GDP as a % of U.S. GDP

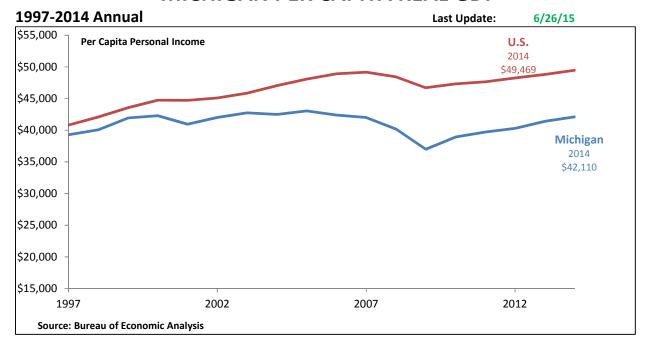


#### 1963 to 2014 Annual Averages (percentage)

				**	<i>U ,</i>								
	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%

Summary	/: CY 2014	Highlights
MI GDP % US	2.61%	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
% pt Δ Year Ago 🛆	0.00	long-term decline. Compared to 25 years ago, the percentage has decreased
% pt Δ 10 Yrs Ago 🔷	-0.53	0.94 percentage points and Michigan's rank has declined from 9th to 13th.
% pt Δ 25 Yrs Ago 🔷	-0.94	
Michigan Rank	13	

#### MICHIGAN PER CAPITA REAL GDP



#### 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.