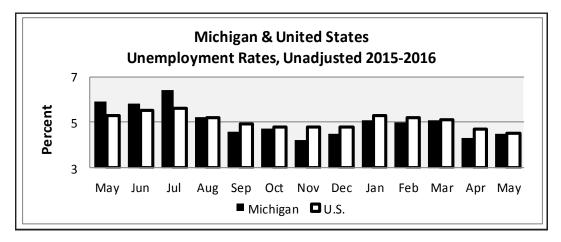
# Michigan's May Jobless Rate Edges Upward Seasonally To 4.5 Percent

Michigan's unemployment rate (not seasonally adjusted) edged up by 0.2 of a percentage point during the month of May, increasing the state's jobless rate to 4.5 percent. The state's civilian labor force expanded by 50,000 to 4,861,000, employment advanced by 38,000 to 4,643,000, while the number of unemployed climbed by 12,000 to 218,000.

The monthly rise in Michigan's unemployment rate was mostly the result of a typical increase in the state's labor force as seasonal workers entered the work force. Many jobseekers found employment in seasonal industries such as construction and leisure and hospitality services, while others did not, causing the state jobless rate to edge up slightly. The nation's jobless rate (unadjusted) declined during May, moving down by two tenths of a percentage point to 4.5 percent.

Compared to May 2015, Michigan's labor force increased by 58,000, employment jumped by 124,000 and the number of unemployed decreased by -67,000. This resulted in an over-the -year drop of -1.4 percentage points in the state's jobless rate.



# Michigan Nonfarm Employment Expands Seasonally During May

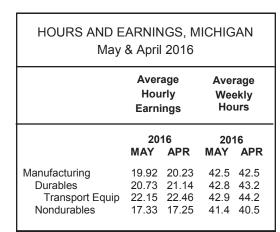
Michigan payroll jobs increased seasonally during May, as nonfarm employment moved up to 4,362,000. Payroll employment advanced by 54,400 with gains posted in the service-providing and goods producing sectors of the economy.

Service-providing jobs climbed by 44,000 during May as a result of seasonal gains in several sectors. These included leisure and hospitality services, up by 21,600 jobs (mainly in accom-

modation and food services); professional and business services (+12,700) mainly in administrative and support services; and retail trade (+9,600) chiefly in food and beverage stores. One sector experiencing seasonal job contractions was state government (-14,700), as colleges and universities began releasing their staff for summer vacation.

Goods producing jobs moved up by +10,400 during May, due to seasonal gains in the construction industry (+12,700) most notably among specialty trade contractors (+8,300). Jobs in the Manufacturing sector fell by -2,600 due to reductions in the durable goods sector, following short term layoffs in transportation equipment manufacturing (-5,100).

In May, average weekly hours in Michigan's manufacturing sector remained unchanged at 42.5 hours, while average hourly earnings fell by -31 cents to \$19.92. As a result, average weekly earnings in manufacturing moved down to \$846.60, a drop of -\$13.18 from the previous month's total.



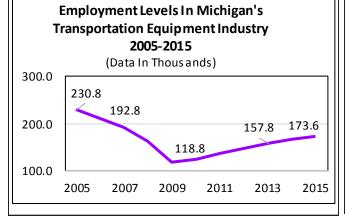
# EMPLOYMENT CHANGES IN MICHIGAN'S MANUFACTURING AND TRANSPORTATION EOUIPMENT INDUSTRIES, 2005 - 2015

The recovery of Michigan's manufacturing industry began in 2010, when the state's total employment in this sector reached 466,000, a gain of 11,100 jobs over 2009, reflecting worker recalls following the recessionary lows in jobs registered that year. This was the first time since 1999 that Michigan's manufacturing sector reported job gains, reversing a pattern that lasted over a decade. The recovery in manufacturing employment continued in the following years, adding 35,400 jobs in 2011 and 27,800 jobs in 2012. This pattern has continued until today. In 2015, the manufacturing industry added 16,000 jobs. Between the years 2009 and 2015 total jobs in Michigan's manufacturing sector increased from 454,900 to 587,300, a gain of 132,400 jobs, or 29.1 percent.

The transportation equipment sector is one of the major components of Michigan's manufacturing industry and is regarded as an important indicator of the overall health of the Michigan economy. In 2015 it provided nearly 30 percent of total jobs in manufacturing. Total employment in the transportation equipment sector followed the growth pattern observed in manufacturing. In 2010, employment in transportation equipment increased for the first time in ten years, moving up by 4,600 jobs, followed by a gain of 13,100 jobs in 2011 and 11,600 in 2012. From 2009 to 2015, total jobs in Michigan's transportation equipment sector expanded from 118,800 to 173,600, a jump of 54,800 jobs, or 46.1 percent.

Source: Department of Technology, Management and Budget (DTMB), Bureau of Labor Market Information & Strategic Initiatives, May 2016.





	Michigan (Data In Thousands) May Apr May				
	2016		2015		
Place of Residence	2010	2010	2013		
Labor Force	4,861	4,811	4,803		
Employment	4,643	4,605	4,519		
Unemployment	218	206	285		
Rate (Percent)	4.5	4.3	5.9		
rate (Ferent)	1.5	1.5	5.7		
Industry Jobs (Place of Work)					
Total Nonfarm	4,362	4,307	4,279		
Goods - Producing	759	748	745		
Mining & Logging	7	7	8		
Construction	157	144	152		
Manufacturing	505	500	586		
Manufacturing	595 448	598	386 444		
Durable Goods		452			
Fabricated Metals	83	83	81		
Machinery Manufact.	72 174	71 179	72		
Transportation Equip. Nondurable Goods			174		
Nondurable Goods	147	146	142		
Service - Providing	3,603	3,559	3,534		
Trade, Transport & Util.	778	767	774		
Wholesale Trade	171	171	171		
Retail Trade	473	463	468		
Motor Vehicle Dealers	65	64	62		
Food & Beverage Stores	79	76	78		
General Merchandise	109	107	109		
Transp, Warehousing & Util	134	133	135		
Information	58	57	57		
Financial Activities	215	212	207		
Finance & Insurance	161	160	155		
Real Estate & Rental	54	53	52		
Prof & Business Services	672	659	649		
Prof, Scientific & Technical	300	302	287		
Management Of Companies	61	60	59		
Administrative Support	311	298	303		
Education & Health Services	667	665	652		
Educational Services	77	78	77		
Health Care & Social Asst	591	587	575		
Leisure & Hospitality	435	413	426		
Arts, Entertainment & Rec	433 56	413	56		
Accommodation & Food	379	365	370		
Accommodation & rood	319	303	370		
Other Services	171	170	168		
Government	608	617	601		
Federal	52	52	51		
State	183	198	179		
Local	373	368	371		

# Civilian Labor Force and Nonfarm Jobs Estimates

	Ann Arbor			]	<b>Battle Creek</b>			<b>Bay City</b>		
	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	
Place of Residence										
		199,400	192,200	65,800	65,300	65,800	52,700	52,900	53,100	
1 2	192,800	194,000	184,100	63,000	62,600	62,200	50,300	50,300	49,800	
Unemployment	6,300	5,500	8,100	2,800	2,700	3,600	2,500	2,600	3,300	
Rate (Percent)	3.2	2.7	4.2	4.2	4.1	5.5	4.7	4.9	6.2	
Place of Work										
	224,900	225,200	214,200	60,000	59,100	59,500	36,500	36,400	36,400	
Mining Logging & Construction		3,800	3,900	1,800	1,500	1,800	1,100	1,000	1,100	
Manufacturing	15,000	15,000	14,500	12,100	12,100	12,000	4,200	4,200	4,000	
Trade, Transport & Utilities	25,900	25,800	25,400	9,400	9,300	9,400	7,700	7,600	7,800	
Wholesale Trade Retail Trade	5,400	5,400	5,400							
Information	16,900 5,200	16,800 5,200	16,400 5,200	5,800	5,700	5,700 *	5,200 500	5,100 500	5,200 500	
Financial Activities	7,400	7,300	7,300	1,300	1,300	1,300	1,400	1,400	1,300	
Professional & Business Serv	31,900	31,700	28,800	6,400	6,300	6,200	3,400	3,500	3,400	
Educational & Health Serv	27,500	27,400	27,200	11,000	10,900	10,700	7,000	6,900	6,900	
Leisure & Hospitality	20,000	18,600	17,100	4,800	4,500	4,900	4,400	4,300	4,400	
Other Services	6,700	6,600	6,600	2,000	2,000	2,100	1,400	1,400	1,500	
Government	81,300	83,800	78,200	10,700	10,600	10,700	5,400	5,600	5,500	
	(I	t <b>-Warre</b> r Oata in Tho			Flint			Grand Rapids-Wyoming		
	Ma			May	Apr	May	May	Apr	May	
Place of Residence	201	6 2016	2015	2016	2016	2015	2016	2016	2015	
Labor Force	2,0	55 2,02	4 2,010	185,600	184,300	186,300	570,400	566,000	561,400	
Employment	1,9			176,300	175,300	174,300	552,200	549,400	537,700	
Unemployment	1	00 9	1 134	9,300	9,000	12,000	18,200	16,700	23,800	
Rate (Percent)	4	.9 4.	5 6.7	5.0	4.9	6.4	3.2	2.9	4.2	
Place of Work										
Total Nonfarm Jobs	1,9	88 1,96	0 1,952	141,500	139,600	140,900	543,900	536,700	529,800	
Mining Logging & Construction		69 6		4,800	4,300	4,500	22,200	20,300	21,100	
Manufacturing		41 24	1 239	12,200	11,800	12,100	110,600	110,100	107,000	
Trade, Transport & Utilities		63 35		28,900	28,800	29,300	97,100	94,900	94,100	
Wholesale Trade		87 8		5,400	5,400	5,400	30,800	30,600	30,100	
Retail Trade		10 20		19,700	19,600	20,200	51,300	49,400	49,200	
Information		28 2		4,200	4,300	4,100	5,200	5,100	5,200	
Financial Activities Professional & Business Serv		13 11 05 39		6,300	6,200	6,400	25,100	25,200	24,700	
Educational & Health Serv		05 39		15,900 28,700	15,700 28,400	16,100 28,200	78,200 88,600	75,600 88,700	77,200 85,300	
Leisure & Hospitality		00 19		15,500	15,100	15,500	48,400	47,500	47,700	
Other Services		77 7		5,600	5,600	5,600	21,900	21,800	21,500	
Government		83 18		19,400	19,400	19,100	46,600	47,500	46,000	
* Data Not Available										

# Civilian Labor Force and Nonfarm Jobs Estimates

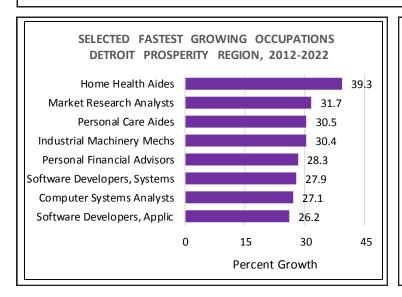
	Jackson			Kala	Kalamazoo-Portage			Lansing-East Lansing		
	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	
Place of Residence	2010	2010	2010	2010	2010	2010	2010	2010	2010	
Labor Force	73,300	73,000	74,600	168,800	169,700	167,200	247,000	249,000	247,900	
Employment	70,000	69,800	70,400	162,200	163,500	158,600	235,700	240,800	235,800	
Unemployment	3,300	3,200	4,200	6,600	6,200	8,600	11,300	8,200	12,100	
Rate (Percent)	4.5	4.4	5.6	3.9	3.7	5.2	4.6	3.3	4.9	
Place of Work										
Total Nonfarm Jobs	55,800	55,000	57,100	146,200	146,500	142,700	227,600	231,100	228,500	
Mining Logging & Construction		1,800	1,900	6,000	5,700	5,600	7,200	6,600	7,100	
Manufacturing	9,800	9,700	9,800	21,000	20,900	20,800	17,600	20,900	19,400	
Trade, Transport & Utilities	12,400	12,300	12,800	26,300	26,300	26,100	35,500	35,500	35,200	
Wholesale Trade	*	*	*	6,800	6,800	7,100	5,800	5,800	5,900	
Retail Trade	6,600	6,500	6,800	16,100	16,100	15,600	21,200	21,000	20,800	
Information	300	300	400	1,000	900	900	3,000	3,000	3,000	
Financial Activities Professional & Business Serv	1,900 4,400	1,900 4,300	1,900 4,300	8,500 17,800	8,400 17,100	8,200 16,500	15,800 22,200	15,600 22,900	15,500 22,500	
Educational & Health Serv	9,600	9,600	10,200	23,000	23,000	22,600	30,800	30,700	30,900	
Leisure & Hospitality	5,100	4,900	5,100	16,100	15,900	15,800	19,300	19,000	19,600	
Other Services	2,500	2,500	2,600	5,800	5,700	5,900	10,200	10,100	10,100	
Government	7,900	7,700	8,100	20,700	22,600	20,300	66,000	66,800	65,200	
	,	,				,	,	Ź	,	
		Midlan	d		Monroe			Muskeg	on	
	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	
Place of Residence	2010	2010	2013	2010	2010	2013	2010	2010	2013	
Lahan Fanas	42 100	41.000	42.600	70.000	79.600	77.600	70.000	70,000	70.400	
Labor Force Employment	42,100 40,400	41,900 40,200	42,600 40,400	79,000 76,100	78,600 75,800	77,600 73,800	79,900 76,200	79,000 75,300	79,400 74,500	
Unemployment	1,700	1,700	2,200	2,900	2,900	3,800	3,700	3,700	4,900	
Rate (Percent)	4.0	4.0	5.2	3.7	3.6	4.9	4.7	4.6	6.2	
rate (1 electiv)	7.0	7.0	3.2	5.7	3.0	7.7	7.7	4.0	0.2	
Place of Work										
Total Nonfarm Jobs	38,400	37,900	38,800	44,000	43,500	42,600	66,200	64,800	64,800	
Mining Logging & Construction	*	*	*	3,000	3,000	2,300	2,100	2,100	2,100	
Manufacturing	*	*	*	5,700	5,600	5,500	14,400	14,100	13,500	
Trade, Transport & Utilities	*	*	*	11,400	11,300	11,300	14,200	14,000	13,500	
Wholesale Trade	*	*	*	1,900	1,900	1,800	*	*	*	
Retail Trade	*	*	*	5,600	5,500	5,600	11,000	10,800	10,900	
Information	*	*	*	*	*	*	800	800	800	
Financial Activities	ىد	at <sub>e</sub>	-1-			1 1/1//			1,800	
	*	*	*	1,000	1,000	1,100	1,900	1,900		
Professional & Business Serv	*	*	*	5,100	5,100	4,600	3,900	3,800	4,000	
Professional & Business Serv Educational & Health Serv			*	5,100 5,800	5,100 5,800	4,600 5,400	3,900 11,400	3,800 11,300	4,000 11,800	
Professional & Business Serv Educational & Health Serv Leisure & Hospitality	*	*	*	5,100 5,800 5,000	5,100 5,800 4,700	4,600 5,400 4,800	3,900 11,400 7,600	3,800 11,300 6,800	4,000 11,800 7,400	
Professional & Business Serv Educational & Health Serv Leisure & Hospitality Other Services	* * *	* * *	* * *	5,100 5,800 5,000 1,500	5,100 5,800 4,700 1,500	4,600 5,400 4,800 1,500	3,900 11,400 7,600 2,400	3,800 11,300 6,800 2,400	4,000 11,800 7,400 2,400	
Professional & Business Serv Educational & Health Serv Leisure & Hospitality	* * *	* * *	* *	5,100 5,800 5,000	5,100 5,800 4,700	4,600 5,400 4,800	3,900 11,400 7,600	3,800 11,300 6,800	4,000 11,800 7,400	

#### Civilian Labor Force and Nonfarm Jobs Estimates

	Niles-Benton Harbor				Saginaw	W	
	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	
Place of Residence							
Labor Force	75,700	74,900	75,500	90,400	90,500	89,300	
Employment	72,400	71,800	71,300	86,100	86,300	83,800	
Unemployment	3,300	3,100	4,200	4,200	4,100	5,500	
Rate (Percent)	4.3	4.1	5.6	4.7	4.6	6.2	
Place of Work							
Total Nonfarm Jobs	63,300	62,200	62,400	89,700	89,300	87,100	
Mining Logging & Construction	1,900	1,800	1,900	2,800	2,600	2,800	
Manufacturing	13,500	13,300	13,000	12,900	12,900	12,200	
Trade, Transport & Utilities	11,400	11,300	10,800	17,500	17,300	16,700	
Wholesale Trade	*	*	*	2,300	2,300	2,400	
Retail Trade	6,800	6,700	6,600	12,700	12,500	11,800	
Information	500	500	500	1,300	1,300	1,300	
Financial Activities	2,300	2,300	2,200	3,700	3,700	3,600	
Professional & Business Serv	5,400	5,400	6,000	12,100	11,900	11,600	
Educational & Health Serv	9,000	9,100	9,000	16,200	16,100	15,800	
Leisure & Hospitality	8,300	7,500	7,700	9,500	9,200	9,200	
Other Services	2,200	2,200	2,400	3,300	3,200	3,300	
Government	8,800	8,800	8,900	10,400	11,100	10,600	

<sup>\*</sup> Data Not Available

	<b>Upper Peninsula</b>			Nort	Northeast Michigan			Northwest Michigan		
	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	<b>May</b> 2016	<b>Apr</b> 2016	<b>May</b> 2015	
Place of Residence	2010	2010	2013	2010	2010	2013	2010	2010	2013	
Labor Force Employment Unemployment Rate (Percent)	140,300 132,400 7,800 5.6	140,700 131,600 9,100 6.5	142,100 132,000 10,000 7.1	84,400 79,300 5,000 6.0	81,800 75,700 6,100 7.4	84,900 78,600 6,300 7.4	151,600 144,600 6,900 4.6	146,100 138,000 8,100 5.5	152,200 142,800 9,400 6.2	



#### **REGIONAL FOCUS**

#### Selected Occupations With High Forecast Job Growth, Detroit Prosperity Region, 2012 - 2022

The occupation projected to record the highest rate of job expansion in the Detroit Prosperity Region between 2012 and 2022 is home health aides, up by 39.3 percent, followed by market research analysts (+31.7 percent). Three out of the eight selected occupations projected to grow the fastest are in the computer industry. Five occupations (market research analysts, personal financial advisors, software developers-systems, computer systems analysts and software developers, applications) require at least a bachelor's degree. One (industrial machinery mechanics) requires a high school diploma, and two (home health aides and personal care aides), requires less than a high school diploma.

## May Jobless Rates Edge Upward In Most Of Michigan's Major Regional Labor Market Areas

May seasonally unadjusted unemployment rates increased in 12 of Michigan's 17 major labor market areas, while total employment and labor force levels advanced in the majority of the areas. Jobless rate increases were caused chiefly by large number of summer and seasonal workers entering the labor market. Although many workers found employment in May, others were unsuccessful, causing the unemployment rates in many areas to rise.

From April to May, jobless rates advanced in 12 regions and dropped in four. The rate in the Midland Metropolitan Statistical Area (MSA) remained unchanged. Rate gains ranged from 0.1 to 1.3 percentage points, with a median hike of 0.2 of a percentage point. The largest rate increase was observed in the Lansing-East Lansing MSA (+1.3), while the remaining rate gains stood at 0.5 of a percentage point or less. Among the four areas showing jobless rate reductions, three were posted by Michigan's northernmost

regions. The Northeast Lower Michigan region had the largest drop of -1.4 percentage points, followed by the Northwest Lower Michigan region and the Upper Peninsula, both down by -0.9 of a percentage point.

Since May 2015, jobless rates fell in all 17 regional labor market areas. Rate declines ranged from -0.3 to -1.8 percentage points, with a median drop of -1.3 percentage points. The largest annual decreases were posted by the Detroit-Warren-Dearborn MSA (-1.8) and the Northwest Lower Michigan region (-1.6 percentage points).

Among Michigan's major labor markets, the Ann Arbor and Grand Rapids-Wyoming MSAs had the lowest unemployment rate for May, both at 3.2 percent, followed by the Monroe MSA at 3.7 percent. The highest jobless rates for the month were recorded in the Northeast Lower Michigan region and the Upper Peninsula with 6.0 and 5.6 percent, respectively.

# Most Of Michigan's Metro Areas Report Seasonal Job Increases In May

Total nonfarm employment increased in 11 of Michigan's 14 MSAs as seasonal developments pushed up jobs during the month of May. In general, the MSAs posted seasonal job increases in construction (specialty trade contractors and heavy and civil engineering construction); leisure and hospitality services (accommodation and food services, as well as arts, entertainment and recreation); retail trade; and professional and business services.

Employment hikes in the service-providing industries were observed in most major areas. Among the areas posting service job advances during May, the Muskegon MSA (+2.3 percent) and the Niles-Benton Harbor MSA (+1.7 percent) had the highest percentage growth. Of the three areas showing minor service job reductions, the Kalamazoo MSA had the largest drop at -0.6 percent. Job gains in the MSAs were primarily due to seasonal factors, with the largest advances reported in leisure and hospitality services, mainly in entertainment and recreation, and accommodation and food services. All the areas experienced gains in this sector, and were led by the Muskegon and Niles-Benton Harbor MSAs, up by 11.8 and 10.7 percent, respectively.

Other major sectors recording job additions during May included retail trade (the Grand Rapids MSA had the largest hike at +3.9 percent, followed by the Detroit MSA up by +2.0 percent); and professional and business services, with the Kalamazoo MSA posting the largest percentage gain at +4.1 percent. The sector experiencing job contractions in most areas was government, as many educational facilities began releasing staff with the arrival of summer vacation. This was most evident in the Kalamazoo MSA (-8.4 percent) and the Ann Arbor MSA (-3.0 percent).

In the goods producing sector, seasonal employment hikes were observed mainly in construction. All the areas but two reported substantial increases in this industry with job additions ranging from +5.3 percent (the Ann Arbor and Kalamazoo MSAs), to +20.0 percent (the Battle Creek MSA).

Manufacturing jobs reported a mixed picture during May with eight areas showing increases; four areas having no changes; and the remaining two areas (the Detroit and Lansing MSAs) reporting losses. The Lansing MSA had the largest percentage decline in this sector at -15.8 percent, as a result of short term layoffs caused by retooling activities in the automotive industry.

Average weekly earnings in Michigan's construction industry advanced by \$2.27 during May, due to minor seasonal increases in average weekly hours worked in the following detailed industries: construction of buildings and buildings finishing contractors. In the manufacturing sector, average weekly wages fell by -\$13.18, mainly as a result of minor reductions in overtime hours worked in durable goods. Transportation equipment manufacturing posted a decrease of -\$42.49, bringing the sector's total weekly earnings down to \$950.24. Nondurable goods weekly wages advanced in May, up by +\$18.83.

The service-providing sector reported a mixed picture in weekly earnings during May, with professional and business services (-\$3.49), health care and social assistance (-\$0.30) and financial activities (-\$0.12) reporting decreases for the month. The remaining two sectors, leisure and hospitality services and retail trade posted gains of \$6.68 and \$4.91, respectively.

# HOURS AND EARNINGS For Selected Industries In Michigan May and April 2016

	Average Weekly Hours		Average Earn	•	Average Weekly Earnings		
Area	May	April	May	April	May	April	
Construction	40.0	39.8	25.28	25.35	1,011.20	1,008.93	
Manufacturing	42.5	42.5	19.92	20.23	846.60	859.78	
Durable Goods	42.8	43.2	20.73	21.14	887.24	913.25	
Transportation Equipment	42.9	44.2	22.15	22.46	950.24	992.73	
Nondurable Goods	41.4	40.5	17.33	17.25	717.46	698.63	
Retail Trade	29.6	29.4	14.27	14.20	422.39	417.48	
Financial Activities	36.1	35.4	23.09	23.55	833.55	833.67	
Professional & Business Services	35.7	35.9	22.84	22.81	815.39	818.88	
Health Care & Social Assistance	31.8	31.4	19.66	19.92	625.19	625.49	
Leisure & Hospitality	22.9	22.5	11.08	10.98	253.73	247.05	

# Projected Employment Changes By Major Industry Sector In The U.S., 2014 To 2024

The Bureau of Labor Statistics of the U.S. Department of Labor reports that between 2014 and 2024 total employment is projected to expand by 6.7 percent or 9.32 million. Most of this growth is forecast to be among the service-providing industries (up by 9.26 million). Following are some of the findings reported for the service industries:

- The health care and social assistance sector is forecast to move up by the largest number of new jobs between 2014 and 2024. This sector is expected to grow at an annual rate of 1.9 percent, adding 3.795 million jobs over this period. This accounts for nearly 41 percent of the total projected job gains. The growth reflects in part, the demand for healthcare workers to address the needs of an aging population.
- Among the service-providing industries, three sectors are projected to have a decrease in employment: federal government (-383,000), utilities (-48,000) and information (-27,000).
- Projected industry employment is distributed among occupations based on how industries are expected to use
  - those occupations. For example, of the 15 fastest growing occupations between 2014 and 2024, nine are related to healthcare.
- Of the 22 major occupational groups that are forecast to add jobs between 2014 and 2024, the three fastest growing occupations are in the service sector. These occupations are: healthcare support occupations (+23.0 percent), healthcare practitioners and technical occupations (+16.4 percent) and personal care and service occupations (+13.2 percent).

Source: U.S. Department of Labor, Bureau of Labor Statistics; March 2016.

#### **Projected Employment Change By Major** Service-Producing Industry Sector In The U.S., **2014 to 2024** (Data in Thousands) Utilities -48 Wholesale Trade 325 765 Retail Trade 137 Transportation & Warehousing Information -27 Financial Activities 507 Professional & Business Serv. 1,889 **Educational Services** 339 Health Care & Social Assist. 3,795 Leisure & Hospitality 941 268 Other Services Federal Government -383 State & Local Government 756 6,000 -2,000 0 2,000 4,000



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### **University Of Michigan's Economic Outlook, New Forecast For 2015-2017**

The University of Michigan's Research Seminar in Quantitative Economics (RSQE), periodically releases updated projections for the state's economy. In April 2016 a new forecast was published projecting Michigan's economic trends for 2015 - 2017. In this article the RSQE economists observe that Michigan has entered the seventh year of economic recovery. Between the previous recession low point, the third quarter of 2009, to the fourth quarter of 2015 the state created 445,000 jobs, averaging 71,200 new positions per year. In 2015, helped by strong job growth in the fourth quarter, Michigan added 69,800 jobs, slightly lower than the 70,400 jobs added in 2014.

Data released for January and February of 2016, suggest that the strong job creation will continue in the first quarter of 2016, advancing by an annual rate of 3.4 percent. In the remaining three quarters of 2016, job growth will slow down to an average annual rate of 1.2 percent. In 2017, job expansion will remain at this level, increasing slightly to an average

annual rate of 1.3 percent. It is expected that job increases in 2016 will reach 73,200, but will slow down to a gain of 56,000 new jobs in 2017.

Industries that are expected to produce the largest number of jobs in 2016 and 2017 are: professional and business services (mostly from professional, scientific, and technical services); construction; trade transportation and utilities (especially retail trade); and leisure and hospitality services.

Source: Research Seminar in Quantitative Economics (RSQE), University of Michigan, April 2016.

