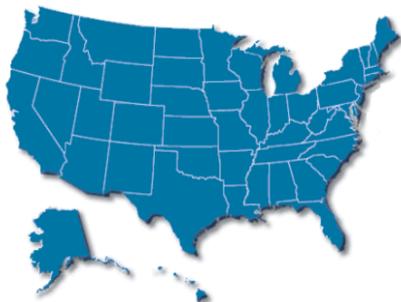


## ECONOMIC HIGHLIGHTS



The **average expenditure per car** decreased 5.4% in October 2023 from the September 2023 level and was down 7.4% from October 2022. Compared to September 2023, the average expenditure on domestic cars was up 1.0% while the average expenditure on foreign cars was down 14.9%. Compared to October 2022, the average expenditure was down 4.8% on domestic cars, compared to a 10.9% decline for foreign cars.

Inflation, as measured by the seasonally adjusted **United States Consumer Price Index (CPI)**, increased by an annualized 0.5% between September and October 2023 and 3.2% when compared to October 2022. The 3.2% year-over-year increase in October 2023 was the smallest rise in prices since a 3.1% increase in June 2023, and the second lowest since the 2.6% increase in March 2021. Declines in energy prices helped offset increases in food away from home, shelter, and transportation services.



Michigan's seasonally unadjusted **metropolitan statistical area (MSA)** unemployment rates mainly fell modestly month-over-month in October 2023; however, three areas exhibited increases: 1) Detroit-Warren-Dearborn, 2) Lansing-East Lansing, and 3) Monroe. The Detroit MSA exhibited the largest increase, rising from 3.8% to 4.5%. Compared to October 2022, the Detroit MSA unemployment rate increased 1.1 percentage points to 4.5%, while unemployment rates in the Lansing and Monroe MSAs rose 0.2 and 0.1 points, respectively. The unemployment rate increases likely reflect the UAW strikes.

Compared to October 2022, Michigan **wage and salary employment** increased by 41,000 jobs in October 2023. Service-producing industries accounted for almost all of the increase, with service-producing employment up 40,000 jobs, led by gains in education and health services (21,000) and government (20,000). Reflecting the strike, payroll employment in the transportation equipment manufacturing sector was down by 8,000 workers.

U.S. & MICHIGAN LABOR MARKET NEWS (Seasonally adjusted, thousands)							
U.S.	Oct 2023	Sep 2023	Oct 2022	Change from Sep		Change from Year Ago	
				Number	Percent	Number	Percent
Labor Force	167,728	167,929	164,646	(201)	(0.1%)	3,082	1.9%
Employment	161,222	161,570	158,593	(348)	(0.2)	2,629	1.7
Unemployment	6,506	6,359	6,053	147	2.3	453	7.5
Unemployment Rate	3.9%	3.8%	3.7%	--	--	--	--
Michigan	Oct 2023	Sep 2023	Oct 2022	Change from Sep		Change from Year Ago	
Labor Force	5,013	4,990	4,834	23	0.5%	179	3.7%
Employment	4,806	4,797	4,622	9	0.2	184	4.0
Unemployment	207	192	212	15	7.6	(5)	(2.2)
Unemployment Rate	4.1%	3.9%	4.4%	--	--	--	--

Source: Bureau of Labor Statistics, U.S. Department of Labor (Household Data)



MICHIGAN WAGE AND SALARY EMPLOYMENT (Seasonally adjusted, thousands)							
	Oct 2023	Sep 2023	Oct 2022	Change from Sep		Change from Yr Ago	
				Number	Percent	Number	Percent
<b>Total Non-Agricultural Jobs</b>	4,421	4,429	4,380	(9)	(0.2%)	41	0.9%
<b>Goods Producing Industries</b>	795	805	795	(10)	(1.3)	0	0.0
Mining and Logging	8	8	7	0	1.3	0	4.1
Construction	190	191	183	(2)	(0.9)	6	3.5
Manufacturing	597	606	604	(9)	(1.4)	(7)	(1.1)
Transportation Equipment	177	187	185	(10)	(5.3)	(8)	(4.4)
<b>Service Producing Industries</b>	3,626	3,624	3,586	2	0.0	40	1.1
Trade, Transportation & Utilities	815	813	808	2	0.2	7	0.8
Wholesale Trade	181	180	174	1	0.5	7	3.8
Retail Trade	457	457	454	0	0.0	3	0.6
Transportation & Utilities	177	177	180	1	0.3	(3)	(1.5)
Information	57	57	57	0	0.5	0	0.0
Financial Activities	228	229	231	(1)	(0.3)	(3)	(1.4)
Professional & Business Services	652	659	658	(7)	(1.0)	(6)	(0.9)
Education & Health Services	685	679	664	6	0.9	21	3.1
Leisure & Hospitality Services	411	412	408	(1)	(0.1)	3	0.8
Other Services	161	161	163	1	0.3	(2)	(0.9)
Government	617	616	597	1	0.1	20	3.3

**Source:** Bureau of Labor Statistics, U.S. Department of Labor (Establishment Data)

MICHIGAN AVERAGE WEEKLY HOURS AND EARNINGS (Not seasonally adjusted)						
Industry	Average Weekly Hours			Average Weekly Earnings		
	Oct 2023	Year Ago	Percent Change	Oct 2023	Year Ago	Percent Change
Construction	40.3	40.0	0.7%	\$1,409.69	\$1,289.20	40.3%
Manufacturing	39.4	42.3	(6.9)	1,035.43	1,098.11	39.4
Durable Goods	40.1	43.3	(7.4)	1,088.31	1,163.90	40.1
Transportation Equipment Mfg.	38.4	44.6	(13.9)	1,128.58	1,359.41	38.4
Motor Vehicle Parts Mfg.	39.9	41.4	(3.6)	1,087.67	1,184.45	39.9
Nondurable Goods	37.3	39.5	(5.6)	880.28	910.87	37.3
Wholesale Trade	39.1	39.4	(0.8)	1,231.65	1,234.01	39.1
Retail Trade	28.9	29.4	(1.7)	553.44	535.08	28.9
Information	38.0	38.4	(1.0)	1,543.94	1,272.58	38.0
Financial Activities	36.8	36.9	(0.3)	1,076.40	1,037.26	36.8
Professional & Business Services	36.0	36.2	(0.6)	1,078.56	1,094.33	36.0
Health Care & Social Assistance	31.9	32.3	(1.2)	833.23	816.22	31.9
Leisure & Hospitality	22.2	22.2	0.0	394.94	377.40	22.2
Accommodation & Food Services	22.6	22.6	0.0	401.83	381.94	22.6

**Source:** Bureau of Labor Statistics, U.S. Department of Labor



MICHIGAN UNEMPLOYMENT RATES BY SELECTED METROPOLITAN AREAS AND MULTI-COUNTY AREAS (Not Adjusted for Seasonal Variations)				
	Oct 2023	Sep 2023	Aug 2023	Oct 2022
<b>Metropolitan Statistical Areas</b>				
Ann Arbor	3.3%	3.5%	3.9%	3.4%
Battle Creek	4.2	4.4	4.8	4.3
Bay City	4.2	4.4	4.9	4.4
Detroit-Warren-Dearborn	4.5	3.8	4.1	3.4
Flint	4.8	4.9	5.3	5.0
Grand Rapids-Wyoming	3.2	3.3	3.6	3.2
Jackson	3.8	3.9	4.4	3.9
Kalamazoo-Portage	3.8	3.9	4.3	3.8
Lansing-East Lansing	3.9	3.7	4.1	3.7
Midland	3.6	3.8	4.1	3.9
Monroe	4.5	4.2	4.4	4.4
Muskegon	4.4	4.5	4.8	4.8
Niles-Benton Harbor	4.0	4.2	4.5	4.0
Saginaw	4.8	4.9	5.3	4.9
<b>Multi-County Areas</b>				
Northeast Lower Michigan	4.9	4.9	5.4	5.2
Northwest Lower Michigan	3.9	3.9	4.0	3.9
Upper Peninsula	4.2	4.2	4.8	4.3
<b>Michigan Statewide Average</b> (unadjusted - comparable to figures shown above)				
	4.2	3.9	4.2	3.7
<b>Source:</b> Michigan Department of Technology, Management, and Budget				

MOTOR VEHICLE SALES AND PRODUCTION STATISTICS (Sales and Production in Thousands of Units, Seasonally Adjusted at Annual Rates)							
	Oct 2023	Sep 2023	Aug 2023	July 2023	Year Ago Oct	Percent Change From:	
						Oct/Sep	Oct 2023/ Oct 2022
<b>Motor Vehicle Sales<sup>1)</sup></b>							
Autos	3,038	3,220	3,099	3,214	3,035	(5.7%)	0.1%
Domestics	2,262	2,335	2,277	2,386	2,200	(3.1)	2.8
Imports	776	885	822	828	835	(12.3)	(7.1)
Import Share	25.5%	27.5%	26.5%	25.8%	27.5%	----	----
Light Trucks	12,397	12,463	12,171	12,729	11,646	(0.5)	6.4
Domestics	9,738	9,719	9,650	10,075	9,416	0.2	3.4
Imports	2,659	2,744	2,521	2,654	2,230	(3.1)	19.2
Import Share	21.4%	22.0%	20.7%	20.9%	19.1%	----	----
Subtotal: Light Vehicle Sales	15,435	15,683	15,270	15,943	14,681	(1.6)	5.1
Heavy Trucks	475	501	544	504	476	(5.2)	(0.2)
Total Vehicle Sales	15,910	16,184	15,814	16,447	15,157	(1.7)	5.0
<b>U.S. Motor Vehicle Production<sup>1)</sup></b>							
Autos	1,613	1,834	1,921	1,787	1,788	(12.0)	(9.8)
<b>Michigan Motor Vehicle Production<sup>2)</sup></b>							
Autos	200	232	178	173	184	(13.8)	8.3
Trucks	1,784	2,005	2,050	2,048	2,046	(11.0)	(12.8)
Total	1,984	2,237	2,227	2,221	2,231	(11.3)	(11.1)
Michigan Production as % of U.S.	18.5%	20.4%	19.9%	19.1%	20.8%	----	----
<b>Average Expenditure per Car<sup>1)</sup></b>							
Overall	\$ 30,084	\$ 31,788	\$ 30,707	\$ 30,793	\$ 32,471	(5.4)	(7.4)
Domestic	\$ 28,005	\$ 27,739	\$ 27,514	\$ 27,498	\$ 29,406	1.0	(4.8)
Foreign	\$ 36,139	\$ 42,477	\$ 39,549	\$ 40,284	\$ 40,548	(14.9)	(10.9)
<b>Inventory-to-Sales Ratio</b>	1.129	1.071	0.959	0.753	0.604	5.4	86.9
<b>Sources:</b> 1) U.S. Department of Commerce, Bureau of Economic Analysis. 2) Michigan Department of Treasury, Office of Revenue and Tax Analysis and the Senate Fiscal Agency.							



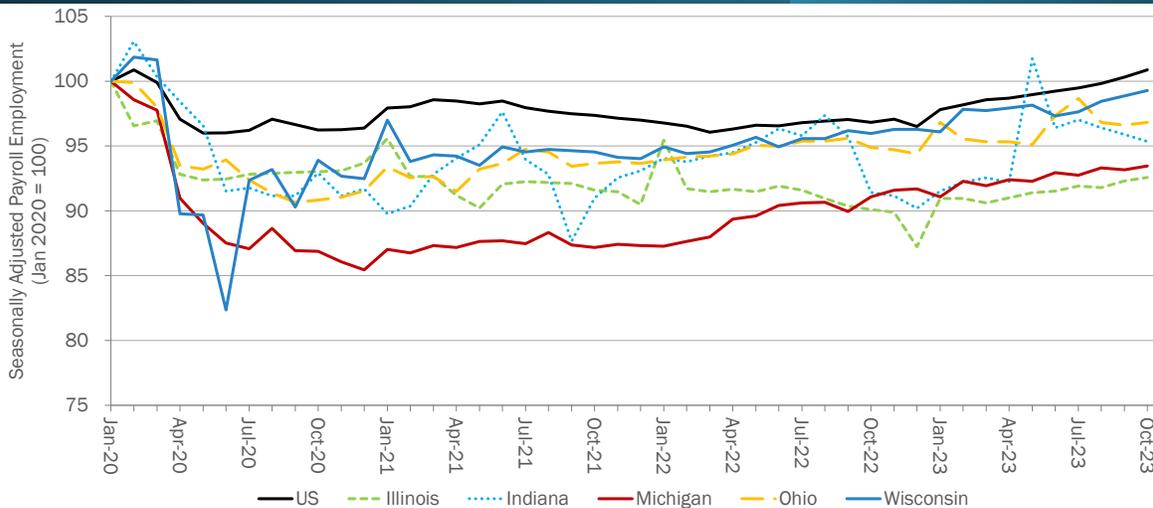
OTHER KEY ECONOMIC INDICATORS						
Variable	Latest Period	Actual Data			Percent Chng From	
		Latest Period	Previous Period	Year Ago	Previous Period <sup>9)</sup>	Year Ago
<b>Index of Consumer Sentiment</b> , monthly <sup>1)</sup> (1996 Q1=100)	Oct	63.8	67.9	59.9	(6.0%)	6.5%
<b>Oil Prices</b> <sup>2)</sup> (\$ per barrel, West Texas Intermediate Crude)	Oct	\$85.64	\$89.43	\$87.55	(4.2)	(2.2)
<b>Housing Starts, U.S.</b> <sup>3)</sup> (thousands of units, SAAR)	Oct	1,372	1,346	1,432	1.9	(4.2)
<b>Retail Sales, U.S.</b> <sup>3)</sup> (billions, seasonally adjusted)	Oct	\$612.6	\$613.1	\$602.4	(0.1)	1.7
<b>Industrial Production Index</b> <sup>4)</sup> (2007=100, seasonally adjusted)	Oct	102.7	103.4	103.4	(0.6)	(0.7)
<b>Capacity Utilization</b> <sup>4)</sup> (% of total capacity, seasonally adjusted)	Oct	78.9	79.5	80.6	(0.7)	(2.2)
<b>Consumer Price Index</b> <sup>5)</sup> (1982-84=100)						
U.S. (seasonally adjusted)	Oct	307.6	307.5	298.0	0.5	3.2
Detroit (not seasonally adjusted)	Oct	283.9	287.5	274.5	(7.3)	3.4
<b>Interest Rates</b>						
3-month Treasury Bill <sup>4)</sup>	Oct	5.60%	5.56%	3.87%	--	--
30-year Conventional Mortgage <sup>6)</sup>	Oct	7.62%	7.20%	6.90%	--	--
<b>Real Gross Domestic Product</b> <sup>7)</sup> (billions of 2017 \$, SAAR, Chain-Weighted)	2023 3rd Quarter	\$22,506.4	\$22,225.4	\$21,851.1	5.2	3.0
<b>Michigan Tax Collections</b> <sup>8)</sup> (12 major taxes, millions)	Oct	\$3,965.0	\$3,681.9	\$3,862.7	NM	2.6

SAAR = Seasonally Adjusted at Annual Rates. NM = Not Meaningful.  
Revenue data vary greatly from month-to-month due to timing and other noneconomic factors.

**Sources:** 1) University of Michigan Surveys of Consumers. 2) U.S. Energy Information Administration/Federal Reserve Bank of St. Louis. 3) U.S. Department of Commerce, Bureau of the Census. 4) Board of Governors of the Federal Reserve System. 5) U.S. Department of Labor, Bureau of Labor Statistics. The U.S. CPI is released monthly, while the Detroit CPI is released every two months, beginning in Feb. of each year. 6) Freddie Mac, Primary Mortgage Market Survey. 7) U.S. Department of Commerce, Bureau of Economic Analysis. 8) Michigan Department of Treasury and the Senate Fiscal Agency. 9) Percent changes from previous period for CPI and GDP at annual rate.

## State Government Payroll Employment

All Great Lakes States Remain Below Pre-Pandemic Levels



Note: Includes both education (i.e. state universities) and non-education state government employment.  
Source: Bureau of Labor Statistics, U.S. Department of Labor.