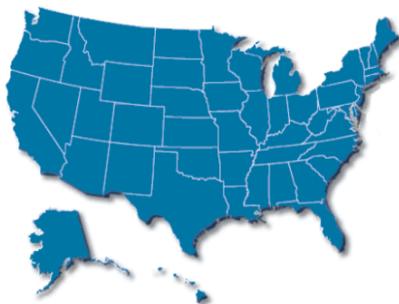


## ECONOMIC HIGHLIGHTS



**Gross domestic product (GDP)**, adjusted for inflation, increased at a 4.9% annual rate in the third quarter of 2023—up from the 2.1% increase in the second quarter of 2023 and the most rapid increase since the 7.0% increase in the fourth quarter of 2021. The increase in real GDP reflected a 3.1% increase in consumption spending combined with higher business inventories, which added 1.3 percentage points to the growth rate.

The **interest rate on conventional 30-year mortgages** declined in November 2023 from the recent high in October 2023. The 30-year rate was 7.44% in November 2023 and 7.62% in October 2023. Despite the decline, and except for October's reading, mortgage rates in November were at the highest level since November 2000. In comparison, in December 2020, mortgage rates were at the lowest level since before 1971, bottoming out at 2.68%.



Reflecting the lingering effect of the United Auto Workers strike that ended in October 2023, **average weekly hours** in Michigan's transportation equipment manufacturing sector declined 13.6%, from 44.8 to 38.7, in November 2023 compared to November 2022. Similarly, **average weekly earnings** declined 18.0%, from \$1,145.18 to \$1,397.31.

November **regional unemployment rates** in Michigan were down year-over-year in all metro statistical areas except for the Detroit-Warren-Dearborn metro area. The seasonally unadjusted unemployment rate for the State ticked up 0.1%, while the remaining metro areas saw decreases in the unemployment rate. The Ann Arbor and the Grand Rapids-Wyoming metro areas exhibited the lowest unemployment rates in Michigan, both at 2.6%, while the Saginaw metro area exhibited the highest unemployment rate, at 4.1%.

U.S. & MICHIGAN LABOR MARKET NEWS (Seasonally adjusted, thousands)							
U.S.	Nov 2023	Oct 2023	Nov 2022	Change from Oct		Change from Year Ago	
				Number	Percent	Number	Percent
Labor Force	168,260	167,728	164,527	532	0.3%	3,733	2.3%
Employment	161,969	161,222	158,527	747	0.5	3,442	2.2
Unemployment	6,291	6,506	6,000	(215)	(3.3)	291	4.9
Unemployment Rate	3.7%	3.9%	3.6%	--	--	--	--
Michigan	Nov 2023	Oct 2023	Nov 2022	Change from Oct		Change from Year Ago	
				Number	Percent	Number	Percent
Labor Force	5,036	5,013	4,833	24	0.5%	204	4.2%
Employment	4,821	4,806	4,622	15	0.3	198	4.3
Unemployment	216	207	210	9	4.2	5	2.5
Unemployment Rate	4.3%	4.1%	4.4%	--	--	--	--

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



MICHIGAN WAGE AND SALARY EMPLOYMENT (Seasonally adjusted, thousands)							
	Nov 2023	Oct 2023	Nov 2022	Change from Oct		Change from Yr Ago	
				Number	Percent	Number	Percent
<b>Total Non-Agricultural Jobs</b>							
<b>Goods Producing Industries</b>	798	793	798	6	0.7%	0	0.1%
Mining and Logging	8	8	7	0	0.0	0	4.1
Construction	186	188	186	(3)	(1.3)	(0)	(0.1)
Manufacturing	605	597	605	8	1.4	0	0.0
Transportation Equipment	181	176	185	5	2.9	(4)	(1.9)
<b>Service Producing Industries</b>	3,625	3,624	3,592	1	0.0	33	0.9
Trade, Transportation & Utilities	813	813	807	0	0.0	6	0.8
Wholesale Trade	181	179	174	2	1.1	7	3.9
Retail Trade	456	457	455	(0)	(0.1)	2	0.3
Transportation & Utilities	176	177	178	(1)	(0.7)	(2)	(1.2)
Information	57	57	57	0	0.2	0	0.7
Financial Activities	228	228	230	0	0.1	(1)	(0.6)
Professional & Business Services	653	653	657	0	0.0	(4)	(0.6)
Education & Health Services	688	685	668	3	0.4	20	2.9
Leisure & Hospitality Services	407	410	413	(3)	(0.6)	(6)	(1.5)
Other Services	161	161	161	(0)	(0.2)	(0)	(0.2)
Government	617	616	598	1	0.1	19	3.2

**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		
	Nov 2023	Year Ago	Percent Change	Nov 2023	Year Ago	Percent Change
Construction	39.4	39.9	(1.3%)	\$1,418.79	\$1,299.94	9.1%
Manufacturing	39.6	42.2	(6.2)	1,061.28	1,117.46	(5.0)
Durable Goods	40.4	42.7	(5.4)	1,129.18	1,177.67	(4.1)
Transportation Equipment Mfg.	38.7	44.8	(13.6)	1,145.18	1,397.31	(18.0)
Motor Vehicle Parts Mfg.	39.7	42.0	(5.5)	1,091.35	1,200.36	(9.1)
Nondurable Goods	37.3	40.9	(8.8)	861.63	944.38	(8.8)
Wholesale Trade	39.0	38.8	0.5	1,228.11	1,204.74	1.9
Retail Trade	28.9	29.4	(1.7)	547.08	535.96	2.1
Information	35.4	36.5	(3.0)	1,433.35	1,227.50	16.8
Financial Activities	36.0	36.5	(1.4)	1,093.68	1,023.10	6.9
Professional & Business Services	34.6	34.9	(0.9)	1,054.26	1,055.73	(0.1)
Health Care & Social Assistance	32.2	32.2	0.0	861.03	826.90	4.1
Leisure & Hospitality	22.2	21.6	2.8	402.93	369.36	9.1
Accommodation & Food Services	22.5	21.8	3.2	404.55	371.69	8.8

**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)				
	Nov 2023	Oct 2023	Sep 2023	Nov 2022
<b>Metropolitan Statistical Areas</b>				
Ann Arbor	2.6%	3.3%	3.5%	3.2%
Battle Creek	3.5	4.2	4.4	4.1
Bay City	3.7	4.2	4.4	4.3
Detroit-Warren-Dearborn	3.9	4.5	3.8	3.1
Flint	4.0	4.8	4.9	4.8
Grand Rapids-Wyoming	2.6	3.2	3.3	3.1
Jackson	3.2	3.8	3.9	3.7
Kalamazoo-Portage	3.1	3.8	3.9	3.7
Lansing-East Lansing	3.0	3.9	3.7	3.4
Midland	3.0	3.6	3.8	3.8
Monroe	3.7	4.5	4.2	3.9
Muskegon	3.7	4.4	4.5	4.5
Niles-Benton Harbor	3.4	4.0	4.2	4.0
Saginaw	4.1	4.8	4.9	4.7
<b>Multi-County Areas</b>				
Northeast Lower Michigan	5.0	4.9	4.9	6.1
Northwest Lower Michigan	3.5	3.8	3.9	4.1
Upper Peninsula	4.0	4.1	4.2	4.9
<b>Michigan Statewide Average</b> (unadjusted - comparable to figures shown above)				
	3.6	4.2	3.9	3.5
<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)							
	Nov 2023	Oct 2023	Sep 2023	Aug 2023	Year Ago Nov	Percent Change From:	
						Nov/Oct	Nov 2023/ Nov 2022
<b>Motor Vehicle Sales<sup>1)</sup></b>							
Autos	3,003	3,033	3,253	3,099	3,070	(1.0%)	(2.2%)
Domestics	2,157	2,242	2,366	2,277	2,216	(3.8)	(2.7)
Imports	846	791	887	822	854	7.0	(0.9)
Import Share	28.2%	26.1%	27.3%	26.5%	27.8%	----	----
Light Trucks	12,340	12,380	12,521	12,196	11,202	(0.3)	10.2
Domestics	9,700	9,749	9,775	9,662	9,098	(0.5)	6.6
Imports	2,640	2,631	2,746	2,534	2,104	0.3	25.5
Import Share	21.4%	21.3%	21.9%	20.8%	18.8%	----	----
Subtotal: Light Vehicle Sales	15,343	15,413	15,774	15,295	14,272	(0.5)	7.5
Heavy Trucks	478	451	501	544	515	6.0	(7.2)
Total Vehicle Sales	15,821	15,864	16,275	15,839	14,787	(0.3)	7.0
<b>U.S. Motor Vehicle Production<sup>1)</sup></b>							
Autos	1,579	1,613	1,834	1,921	1,692	(2.1)	(6.7)
<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	\$ 30,660	\$ 30,084	\$ 31,788	\$ 30,707	\$ 32,180	1.9	(4.7)
Domestic	\$ 27,927	\$ 28,005	\$ 27,739	\$ 27,514	\$ 29,140	(0.3)	(4.2)
Foreign	\$ 37,773	\$ 36,139	\$ 42,477	\$ 39,549	\$ 40,071	4.5	(5.7)
<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.							



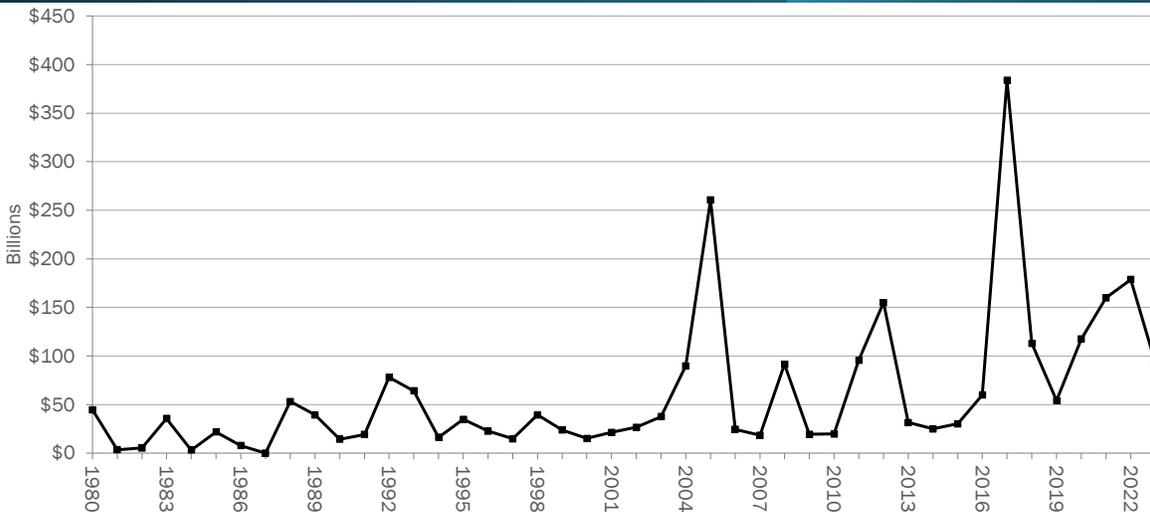
OTHER KEY ECONOMIC INDICATORS						
Variable	Latest Period	Actual Data			Percent Chng From	
		Latest Period	Previous Period	Year Ago	Previous Period <sup>9)</sup>	Year Ago
<b>Index of Consumer Sentiment</b> , monthly <sup>1)</sup> (1996 Q1=100)	Nov	61.3	63.8	56.7	(3.9%)	8.1%
<b>Oil Prices</b> <sup>2)</sup> (\$ per barrel, West Texas Intermediate Crude)	Nov	\$77.69	\$85.64	\$84.37	(9.3)	(7.9)
<b>Housing Starts, U.S.</b> <sup>3)</sup> (thousands of units, SAAR)	Nov	1,560	1,359	1,427	14.8	9.3
<b>Retail Sales, U.S.</b> <sup>3)</sup> (billions, seasonally adjusted)	Nov	\$611.0	\$610.6	\$592.8	0.1	3.1
<b>Industrial Production Index</b> <sup>4)</sup> (2007=100, seasonally adjusted)	Nov	102.7	102.4	103.1	0.2	(0.4)
<b>Capacity Utilization</b> <sup>4)</sup> (% of total capacity, seasonally adjusted)	Nov	78.8	78.7	80.3	0.1	(1.8)
<b>Consumer Price Index</b> <sup>5)</sup> (1982-84=100)						
U.S. (seasonally adjusted)	Nov	307.9	307.6	298.6	1.2	3.1
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>	Nov	5.52%	5.60%	4.32%	--	--
30-year Conventional Mortgage <sup>6)</sup>	Nov	7.44%	7.62%	6.81%	--	--
<b>Real Gross Domestic Product</b> <sup>7)</sup> (billions of 2017 \$, SAAR, Chain-Weighted)	2023 3rd Quarter	\$22,490.7	\$22,225.4	\$21,851.1	4.9	2.9
<b>Michigan Tax Collections</b> <sup>8)</sup> (12 major taxes, millions)	Nov	\$2,642.2	\$3,965.1	\$2,635.3	NM	0.3

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.

## Total Cost of Major Weather-Related Disasters

Cost of All Events With Inflation-Adjusted Damage Exceeding \$1 Billion



Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration.