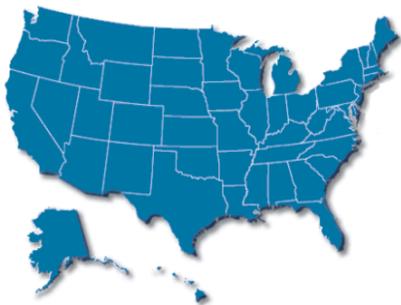


## ECONOMIC HIGHLIGHTS



The University of Michigan's **Consumer Sentiment Index** increased 13.0% in August 2022 from the July level and was 16.4% above the all-time low in June 2022. The August 2022 index value was 17.2% lower than in August 2021. The increases in consumer sentiment in July and August reflected less anxiety about inflation and the possibility of a recession.

**Housing starts** increased 9.5% from July 2022 to August 2022 but were down 4.3% compared to August 2021. The 1.5 million starts in August 2022 was down from the 1.8 million starts in April 2022, which was the highest level since before the Great Recession. On a regional basis, compared to August 2021, starts were up 7.2% in the Northeast, and 8.3% in the West, but were down 6.6% in the Midwest and 10.6% in the South.



The Detroit **Consumer Price Index (CPI)** decreased 2.9% in August 2022 from the June 2022 level (the Detroit CPI is released every other month.) but was up 8.6% from August 2021. With the exception of prices for education and communication, which were up 2.7% from August 2021, every major sector exhibited an increase of at least 6.0%. Compared to one year ago, prices rose the most for motor fuel (21.5%), food (13.9%), and apparel (12.4%).

In August 2022, **average weekly earnings** rose compared to August 2021 for all sectors other than construction, even though **average weekly hours** fell in most sectors. Hours increased in the durable goods manufacturing and wholesale trade sectors, which also posted the largest gains in earnings, at 16.2% and 20.2%, respectively. Although hours fell between 0.5% and 7.1% in other sectors, earnings were up between 2.6% and 8.9%. Accommodation and food services exhibited one of the largest drops in hours (5.2%) but one of the largest gains in earnings (8.9%).

U.S. & MICHIGAN LABOR MARKET NEWS (Seasonally adjusted, thousands)							
U.S.	Aug 2022	July 2022	Aug 2021	Change from July		Change from Year Ago	
				Number	Percent	Number	Percent
Labor Force	164,746	163,960	161,505	786	0.5%	3,241	2.0%
Employment	158,732	158,290	153,167	442	0.3	5,565	3.6
Unemployment	6,014	5,670	8,338	344	6.1	(2,324)	(27.9)
Unemployment Rate	3.7%	3.5%	5.2%	--	--	--	--
Michigan	Aug 2022	July 2022	Aug 2021	Change from July		Change from Year Ago	
				Number	Percent	Number	Percent
Labor Force	4,859	4,859	4,794	(0)	(0.0%)	65	1.4%
Employment	4,658	4,657	4,505	1	0.0	153	3.4
Unemployment	201	202	288	(1)	(0.7)	(88)	(30.4)
Unemployment Rate	4.1%	4.2%	6.0%	--	--	--	--

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



MICHIGAN WAGE AND SALARY EMPLOYMENT (Seasonally adjusted, thousands)							
	Aug 2022	July 2022	Aug 2021	Change from July		Change from Yr Ago	
				Number	Percent	Number	Percent
<b>Total Non-Agricultural Jobs</b>	4,358	4,353	4,222	5	0.1%	136	3.2%
<b>Goods Producing Industries</b>	795	793	762	1	0.2	33	4.3
Mining and Logging	8	8	7	0	1.3	1	14.7
Construction	178	178	177	(0)	(0.1)	1	0.4
Manufacturing	609	608	578	1	0.2	31	5.4
Transportation Equipment	192	192	174	(0)	(0.2)	18	10.1
<b>Service Producing Industries</b>	3,563	3,559	3,460	4	0.1	103	3.0
Trade, Transportation & Utilities	802	802	778	1	0.1	24	3.0
Wholesale Trade	173	173	164	(0)	(0.1)	9	5.3
Retail Trade	454	453	450	1	0.2	5	1.0
Transportation & Utilities	175	175	164	(0)	(0.2)	10	6.3
Information	56	56	52	0	0.0	4	7.3
Financial Activities	239	238	233	2	0.6	6	2.5
Professional & Business Services	662	666	631	(4)	(0.6)	31	4.9
Education & Health Services	660	658	651	2	0.2	9	1.4
Leisure & Hospitality Services	397	393	377	4	1.0	20	5.4
Other Services	162	161	156	1	0.4	7	4.2
Government	586	586	582	(1)	(0.1)	4	0.6

**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		
	Aug 2022	Year Ago	Percent Change	Aug 2022	Year Ago	Percent Change
Construction	39.8	40.2	(1.0%)	\$1,270.42	\$1,297.25	(2.1%)
Manufacturing	42.3	41.2	2.7	1,062.15	943.48	12.6
Durable Goods	42.8	41.3	3.6	1,114.08	958.57	16.2
Transportation Equipment Mfg.	44.3	44.7	(0.9)	1,308.18	1,299.43	0.7
Motor Vehicle Parts Mfg.	44.3	43.1	2.8	1,243.94	1,152.93	7.9
Nondurable Goods	40.9	41.1	(0.5)	916.16	905.84	1.1
Wholesale Trade	39.0	38.6	1.0	1,208.22	1,004.76	20.2
Retail Trade	29.3	29.5	(0.7)	527.11	513.60	2.6
Information	36.8	39.6	(7.1)	1,194.53	1,126.22	6.1
Financial Activities	36.8	37.3	(1.3)	1,023.04	965.32	6.0
Professional & Business Services	35.2	35.7	(1.4)	1,063.74	1,001.39	6.2
Health Care & Social Assistance	31.4	31.6	(0.6)	794.42	744.50	6.7
Leisure & Hospitality	23.2	24.4	(4.9)	385.35	358.44	7.5
Accommodation & Food Services	23.6	24.9	(5.2)	392.70	360.55	8.9

**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)				
	Aug 2022	July 2022	June 2022	Aug 2021
<b>Metropolitan Statistical Areas</b>				
Ann Arbor	3.5%	4.0%	4.1%	4.4%
Battle Creek	5.2	5.6	5.6	6.7
Bay City	5.0	5.5	5.6	5.8
Detroit-Warren-Dearborn	3.5	3.5	4.6	6.7
Flint	6.1	6.7	6.5	9.4
Grand Rapids-Wyoming	3.4	3.8	3.9	4.5
Jackson	4.5	5.0	5.0	5.8
Kalamazoo-Portage	4.2	4.5	4.6	5.2
Lansing-East Lansing	4.5	5.5	4.7	6.3
Midland	4.2	4.5	4.8	4.6
Monroe	4.6	5.3	5.5	6.0
Muskegon	5.7	6.2	6.2	7.4
Niles-Benton Harbor	4.5	5.0	5.1	5.6
Saginaw	5.9	6.5	6.5	7.6
<b>Multi-County Areas</b>				
Northeast Lower Michigan	5.8	6.2	6.5	6.3
Northwest Lower Michigan	4.1	4.4	4.7	4.9
Upper Peninsula	4.8	5.2	5.5	5.1
<b>Michigan Statewide Average</b> (unadjusted - comparable to figures shown above)				
	4.0	4.3	4.8	6.1
<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)							
	Aug 2022	July 2022	June 2022	May 2022	Year Ago Aug	Percent Change From:	
						Aug/July	Aug 2022/ Aug 2021
<b>Motor Vehicle Sales<sup>1)</sup></b>							
Autos	2,791	2,675	2,743	2,598	3,063	4.3%	(8.9%)
Domestics	2,007	1,975	2,102	1,865	2,100	1.6	(4.4)
Imports	784	700	641	733	963	12.0	(18.6)
Import Share	28.1%	26.2%	23.4%	28.2%	31.4%	----	----
Light Trucks	10,445	10,645	10,305	9,982	9,993	(1.9)	4.5
Domestics	8,414	8,810	8,370	8,217	7,707	(4.5)	9.2
Imports	2,031	1,835	1,935	1,765	2,286	10.7	(11.2)
Import Share	19.4%	17.2%	18.8%	17.7%	22.9%	----	----
Subtotal: Light Vehicle Sales	13,236	13,320	13,048	12,580	13,056	(0.6)	1.4
Heavy Trucks	504	491	475	464	429	2.6	17.5
Total Vehicle Sales	13,740	13,811	13,523	13,044	13,485	(0.5)	1.9
<b>U.S. Motor Vehicle Production<sup>1)</sup></b>							
Autos	1,908	1,788	1,816	1,750	1,494	6.7	27.7
<b>Michigan Motor Vehicle Production<sup>2)</sup></b>							
Autos	215	281	223	173	160	(23.7)	34.6
Trucks	1,890	2,025	2,082	2,139	1,614	(6.7)	17.1
Total	2,105	2,307	2,304	2,313	1,773	(8.8)	18.7
Michigan Production as % of U.S.	21.8%	21.4%	22.0%	21.0%	19.4%	----	----
<b>Average Expenditure per Car<sup>1)</sup></b>							
Overall	\$ 31,619	\$ 32,318	\$ 33,650	\$ 33,521	\$ 31,567	(2.2)	0.2
Domestic	\$ 28,601	\$ 28,975	\$ 30,861	\$ 30,141	\$ 29,030	(1.3)	(1.5)
Foreign	\$ 39,343	\$ 41,752	\$ 42,523	\$ 42,389	\$ 37,102	(5.8)	6.0
<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.							



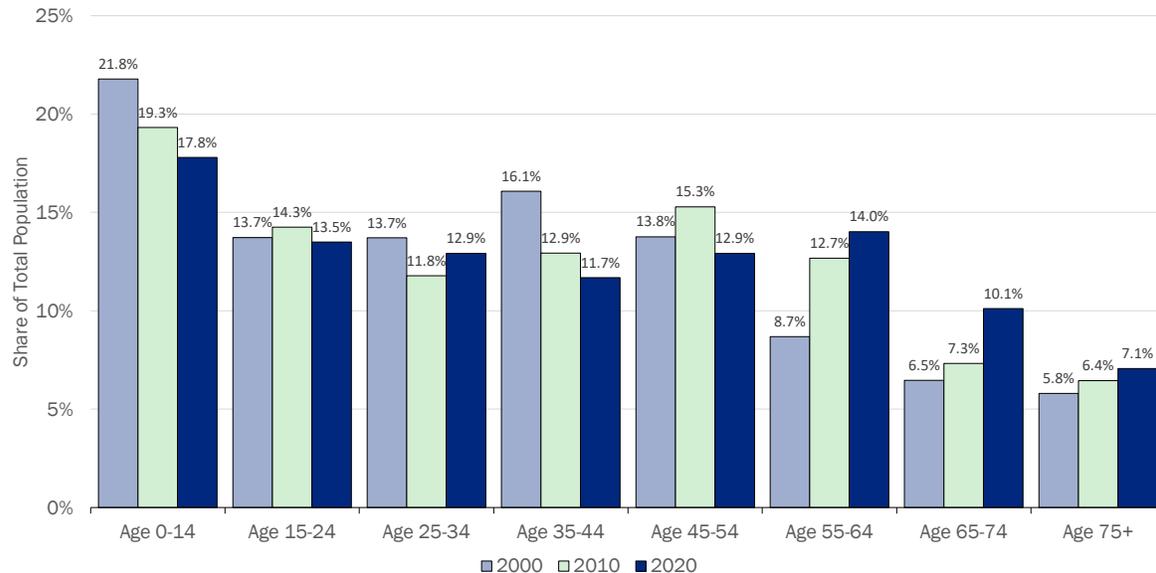
OTHER KEY ECONOMIC INDICATORS						
Variable	Latest Period	Actual Data			Percent Chng From	
		Latest Period	Previous Period	Year Ago	Previous Period <sup>9)</sup>	Year Ago
<b>Index of Consumer Sentiment</b> , monthly <sup>1)</sup> (1996 Q1=100)	Aug	58.2	51.5	70.3	13.0%	(17.2%)
<b>Oil Prices</b> <sup>2)</sup> (\$ per barrel, West Texas Intermediate Crude)	Aug	\$93.67	\$101.62	\$67.73	(7.8)	38.3
<b>Housing Starts, U.S.</b> <sup>3)</sup> (thousands of units, SAAR)	Aug	1,508	1,377	1,576	9.5	(4.3)
<b>Retail Sales, U.S.</b> <sup>3)</sup> (billions, seasonally adjusted)	Aug	\$598.4	\$595.9	\$547.4	0.4	9.3
<b>Industrial Production Index</b> <sup>4)</sup> (2007=100, seasonally adjusted)	Aug	104.7	104.8	100.8	(0.1)	3.8
<b>Capacity Utilization</b> <sup>4)</sup> (% of total capacity, seasonally adjusted)	Aug	80.0	80.2	78.2	(0.2)	2.3
<b>Consumer Price Index</b> <sup>5)</sup> (1982-84=100)						
U.S. (seasonally adjusted)	Aug	295.6	295.3	273.1	1.4	8.2
Detroit (not seasonally adjusted)	Aug	271.6	272.9	250.0	(2.9)	8.6
<b>Interest Rates</b>						
3-month Treasury Bill <sup>4)</sup>	Aug	2.72%	2.30%	0.50%	--	--
30-year Conventional Mortgage <sup>6)</sup>	Aug	5.22%	5.41%	2.84%	--	--
<b>Real Gross Domestic Product</b> <sup>7)</sup> (billions of 2009 \$, SAAR, Chain-Weighted)	2022 3rd Quarter	\$20,039.4	\$19,895.3	\$19,672.6	2.9	1.9
<b>Michigan Tax Collections</b> <sup>8)</sup> (12 major taxes, millions)	Aug	\$2,787.6	\$2,872.5	\$2,677.2	NM	4.1

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.

## Composition of Michigan Population, By Age

Between 2000 and 2020, Those Age 55 and Above Became Larger Share of the Total



Source: Bureau of the Census, U.S. Department of Commerce