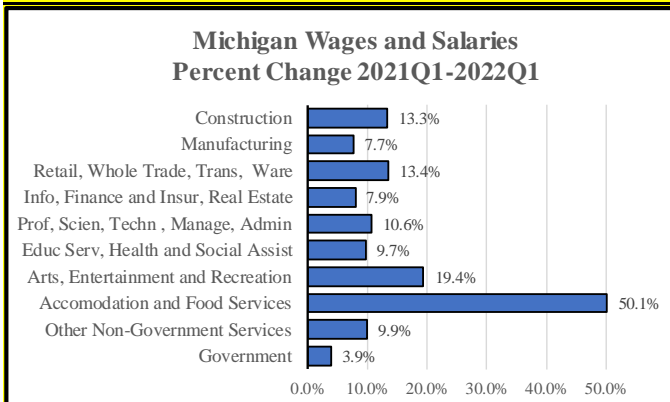
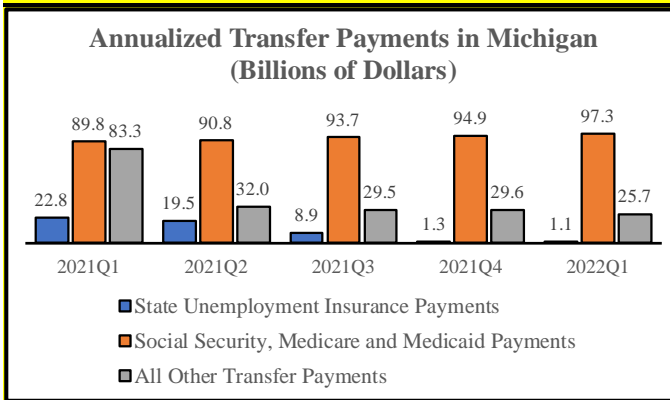
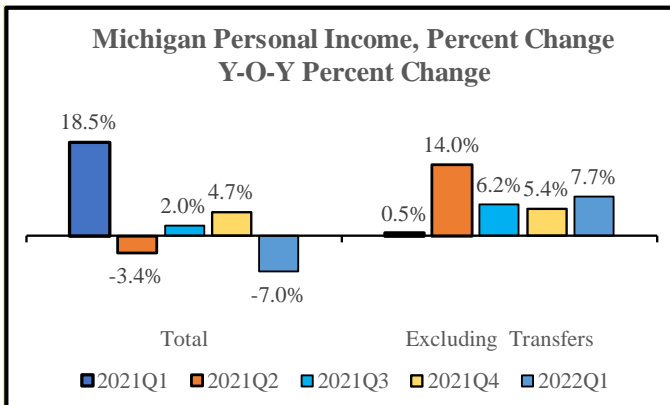


## *State Personal Income Data Release*

On June 22, 2022, the Bureau of Economic Analysis released 2022Q1 state personal income data. Below are some highlights of that release <sup>(c)</sup>:



### Total Personal Income

Between 2021Q1 and 2022Q1:

- Michigan personal income decreased 7.0 percent while national personal income fell 2.8 percent
- Annualized Michigan personal income fell from \$591.1 billion to \$549.6 billion -- a \$41.5 billion decrease.
- Annualized U.S. personal income decreased from \$21,849.0 billion to \$21,237.2 billion – a \$611.8 billion decrease.
- Total personal income excluding transfer payments rose 7.7 percent in Michigan and increased 9.3 percent nationally.

### Michigan Transfer Payments

- Annualized state unemployment insurance payments in Michigan fell from \$22.8 billion to \$1.1 billion between 2021Q1 and 2022Q1 – a \$21.7 billion decrease.
- Combined Social Security, Medicaid, and Medicare payments in Michigan rose \$7.4 billion. However, “all other transfer payments” dropped from \$83.3 billion to \$25.7 billion – a \$57.6 billion decrease.
- Overall, the decrease in transfer payments equaled 173.4 percent of the overall decrease in total Michigan personal income. (Nationally, the decline in transfer payments amounted to 340.9 percent).

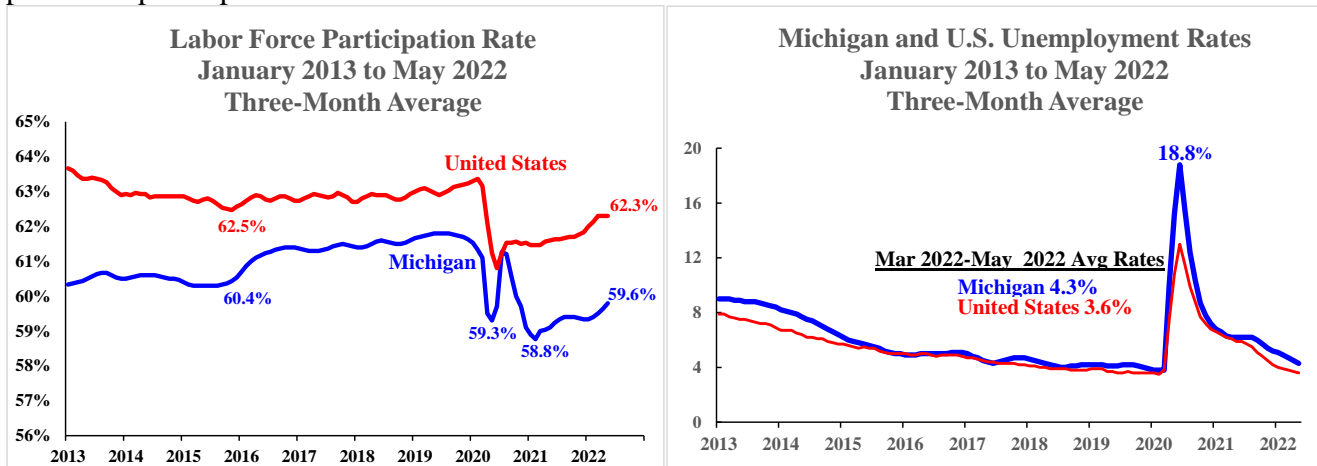
### Wages and Salaries

- Between 2021Q1 and 2022Q1, total wages and salaries rose 10.3 percent in Michigan.
- The accommodation and food service sector saw the largest sector increase in Michigan (50.1 percent), followed by arts, entertainment and recreation (19.4 percent).
- Retail, wholesale, trade, transportation, warehousing saw the third largest y-o-y increase (13.4 percent), followed by construction (13.3 percent).

# May 2022 Summary

## Unemployment Rate Estimates

- The monthly Michigan unemployment rate estimate remained at 4.3 percent in May. The three-month average of the Michigan unemployment rate is also 4.3 percent for May. Compared to last May, the three-month average is down 1.9 percentage points. Compared to the pre-pandemic February 2020 rate, the current average is up 0.5 of a percentage point.
- The average number of people employed in Michigan between March 2022-May 2022 was 115,200 lower than the number employed in February 2020. Compared to the three-month average of people employed between March 2021-May 2021, the current three-month average is up 158,100 people. The March 2022-May 2022 average of people unemployed is 22,700 people higher than the number of unemployed in February 2020.
- The U.S. unemployment rate was unchanged at 3.6 percent in May. May's national jobless rate is 2.2 percentage points lower than the May 2021 rate (5.8 percent), and just 0.1 of a percentage point higher than its February 2020 rate (3.5 percent).
- Both the Michigan and U.S. labor force participation rates remain significantly lower than their pre-pandemic participation rates.



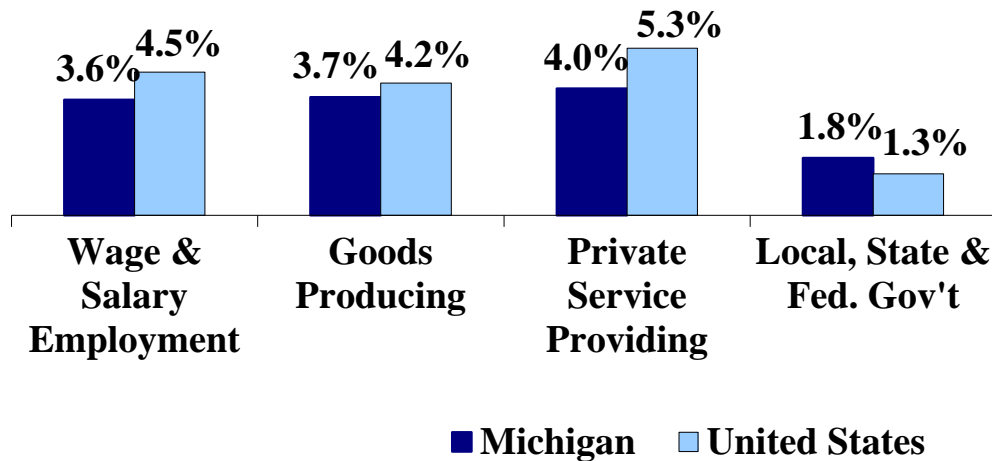
### Employment by Place of Residence (in Thousands)<sup>(a)</sup>

	Annual <u>2021</u>	Mar <u>2022</u>	Apr <u>2022</u>	May <u>2022</u>	Chg Fr Mo Ago <u>Level</u>	Chg Fr Mo Ago <u>%</u>	Chg Fr Yr Ago <u>Level</u>	Chg Fr Yr Ago <u>%</u>	<u>Three Month Average</u>
<b>Michigan</b>									
Labor Force	4,776	4,819	4,833	4,849	16	0.3%	78	1.6%	4,834
Employed	4,496	4,605	4,624	4,642	18	0.4%	168	3.8%	4,624
Unemployed	280	214	209	207	-2	-1.0%	-91	-30.5%	210
Unemployment Rate	5.9%	4.4%	4.3%	4.3%	n.a.	0.0% pts	n.a.	-1.9% pts	4.3%
<b>United States</b>									
Labor Force	161,204	164,409	164,046	164,376	330	0.2%	3,575	2.2%	164,277
Employed	152,581	158,458	158,105	158,426	321	0.2%	6,876	4.5%	158,330
Unemployed	8,623	5,952	5,941	5,950	9	0.2%	-3,301	-35.7%	5,948
Unemployment Rate	5.3%	3.6%	3.6%	3.6%	n.a.	0.0% pts	n.a.	-2.2% pts	3.6%

## Employment by Place of Work (Payroll)

- Compared to May 2021, Michigan payroll employment was up by 151,400 jobs (3.6 percent). State payroll employment fell by 14,600 jobs in May 2022 from April 2022. Nationally, May 2022 payroll employment was up by 6.5 million jobs (4.5 percent) from a year ago. National employment rose 390,000 jobs in May.

### Payroll Employment Growth



- In the goods-producing sector, Michigan payroll employment increased 3.7 percent in May from a year ago; employment in the private service-providing sector rose 4.0 percent. From a year ago, May national payroll employment rose 4.2 percent in the goods-producing sector and increased 5.3 percent in the private service-providing sector.
- At 42.8 hours, manufacturing weekly hours in Michigan were up 2.8 hours from last year.

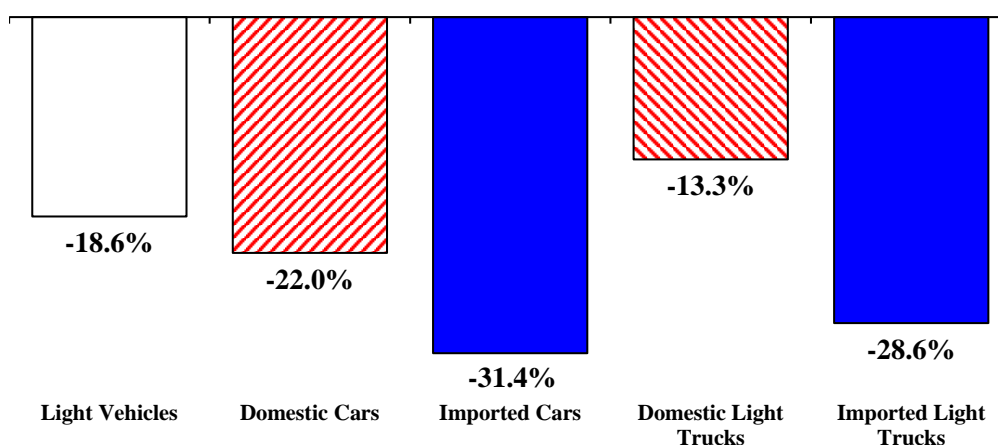
#### Wage and Salary (Payroll) Employment (in thousands)<sup>(b)</sup>

	2021 <u>Annual</u>	MI	MI	Percent <u>Change</u>	2021 <u>Annual</u>	US	US	Percent <u>Change</u>
		May <u>2021</u>	May <u>2022</u>			May <u>2021</u>	May <u>2022</u>	
Wage & Salary Employment	4,193.5	4,160.1	4,311.5	3.6%	141,308	145,141	151,682	4.5%
Goods Producing	766.8	756.0	784.1	3.7%	19,397	20,209	21,050	4.2%
Manufacturing	583.7	573.5	600.4	4.7%	12,294	12,268	12,768	4.1%
Private Service Providing	2,853.2	2,832.7	2,945.7	4.0%	99,604	102,956	108,368	5.3%
Trade, Trans. & Utilities	777.3	775.1	800.1	3.2%	27,319	27,538	28,651	4.0%
Services	1,791.6	1,773.9	1,856.3	4.6%	61,491	63,868	67,802	6.2%
Local, State & Fed. Gov't	573.5	571.4	581.7	1.8%	22,307	21,976	22,264	1.3%
Manufacturing Weekly Hours	40.8	40.0	42.8	2.8 hrs	42.7	41.5	41.3	-0.2 hrs

# Motor Vehicle Sales Down From Last Year

- The U.S. light vehicle sales rate, still constrained by supply chain shortages, fell to 12.7 million units in May. Compared to last May, sales were down 24.9 percent.
- U.S. sales of domestic light vehicles fell 19.3 percent from last May while foreign sales declined 41.2 percent. In May 2022, at 20.3 percent, the foreign share of U.S. light vehicle sales was down 5.6 percentage points from a year earlier.
- Auto sales decreased 31.8 percent compared to last May, while light truck sales declined 22.9 percent from May 2021. Year-over-year (y-o-y), heavy truck sales were down 10.2 percent from last May.
- In April 2022 (the most recent month for which inventory data are available), retail vehicle inventories were up 2.3 percent from last April –the first percentage year-over-year increase over the past 25 months.

## Year-to-Date 2022 Vehicle Sales Down From Year Ago



## Motor Vehicle Sales Statistics

(Millions, Seasonally Adjusted Rates, unless otherwise specified)

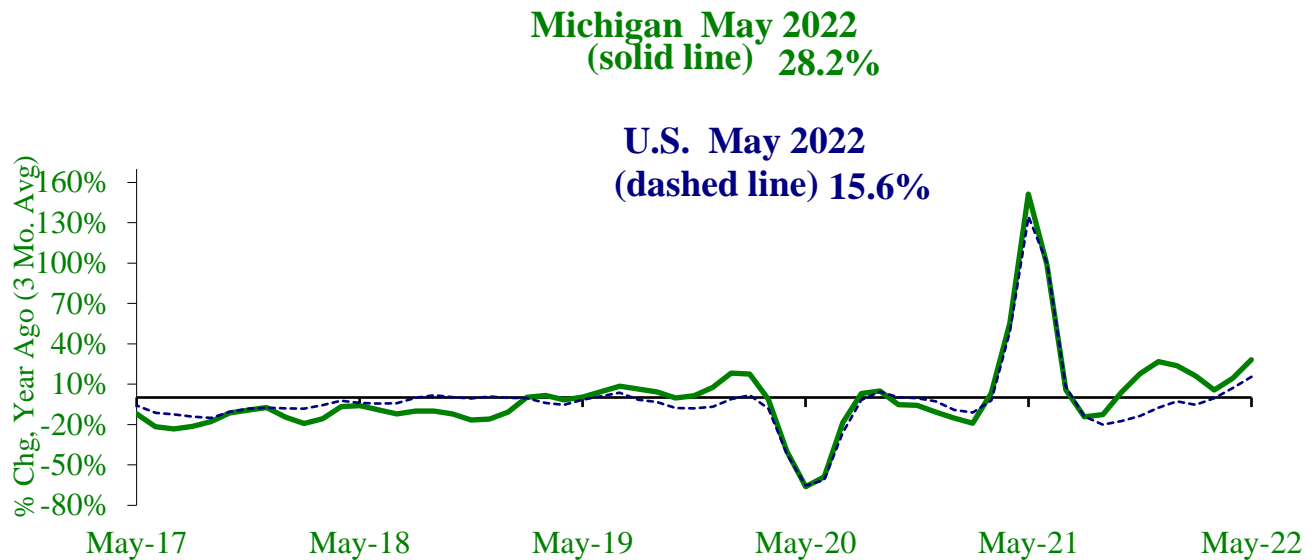
	<u>2021</u> <u>Total</u>	<u>Mar</u> <u>2022</u>	<u>Apr</u> <u>2022</u>	<u>May</u> <u>2022</u>	<u>3 Month</u> <u>Average</u>	<u>May</u> <u>Chg fr</u> <u>Yr Ago</u> <u>Level</u>	<u>May</u> <u>Chg fr</u> <u>Yr Ago</u> <u>%</u>
Autos	3.4	2.7	3.0	2.7	2.8	(1.3)	-31.8%
Domestics	2.4	2.0	2.2	1.9	2.1	(0.8)	-29.3%
Imports	1.0	0.7	0.8	0.8	0.7	(0.5)	-37.5%
Import Share	29.1%	24.7%	26.2%	28.0%	26.3%	-2.6% pts	
Light Trucks	11.6	10.7	11.5	10.0	10.7	(3.0)	-22.9%
Domestics	9.0	8.5	9.3	8.2	8.6	(1.6)	-16.5%
Imports	2.6	2.2	2.2	1.8	2.1	(1.4)	-42.5%
Import Share	22.3%	21.0%	18.9%	18.3%	19.4%	-6.2% pts	
Total Light Vehicles	14.9	13.4	14.5	12.7	13.5	(4.2)	-24.9%
Heavy Trucks	0.5	0.5	0.4	0.4	0.5	(0.1)	-10.2%
Total Vehicles	15.4	13.9	14.9	13.1	14.0	(4.3)	-24.5%

## Retail Inventories, Motor Vehicle and Parts Dealers (billions of dollars) <sup>(d)</sup>

	<u>2021</u> <u>Average</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>3 Month</u> <u>Average</u>	<u>Chg fr</u> <u>Year Ago</u> <u>Level</u>	<u>Chg fr</u> <u>Year Ago</u> <u>%</u>
Inventories	\$162.2	\$168.1	\$170.9	\$167.1	\$168.7	\$3.7	2.3%
Inventory/Sales Ratio	1.32	1.28	1.33	1.28	1.30	0.06	

- Michigan vehicle production rose 35.6 percent from May 2021 while national vehicle production increased 25.6 percent from last May. In May 2022, Michigan vehicle production totaled 191,970 units.
- In May 2022, auto production rose 214.4 percent year-over-year (y-o-y) in Michigan and was up 16.8 percent nationally; truck production increased 28.7 percent in Michigan and was up 27.6 percent nationally.
- Comparing the three-month average of vehicle production in March 2022-May 2022 to production in March 2021-May 2021, Michigan's average production was up 28.2 percent while average production was up 15.6 percent nationally.

## Three-Month Average of Michigan Vehicle Production Up from Year Ago in May



### Motor Vehicle Production Statistics

(Thousands, unless otherwise specified)

	2021 Monthly Average	Mar 2022	Apr 2022	May 2022	3 Month Average	May Level Chg fr Yr Ago	May % Chg fr Yr Ago
<b>U.S. Production <sup>(e)</sup></b>							
Autos	138.4	168.3	152.6	151.4	157.5	21.7	16.8%
Trucks	621.5	805.4	699.2	722.8	742.5	156.2	27.6%
Total	759.9	973.8	851.8	874.2	899.9	177.9	25.6%
<b>Michigan Production <sup>(f)</sup></b>							
Autos	11.1	15.4	11.2	16.4	14.4	11.2	214.4%
Trucks	143.4	192.3	167.4	175.5	178.4	39.2	28.7%
Total	154.4	207.7	178.6	192.0	192.8	50.4	35.6%
Michigan as % of U.S.	20.3%	21.3%	21.0%	22.0%	21.4%	1.7% pts	

# U.S. Economic Conditions

	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Change from Year Ago</u>
<b>KEY ECONOMIC INDICATORS</b>					
Consumer Sentiment <sup>(h)</sup>	62.8	59.4	65.2	58.4	-24.5 points
ISM Manufacturing Index <sup>(i)</sup>	58.6	57.1	55.4	56.1	-5.5 points
ISM Non Manufacturing Index <sup>(i)</sup>	56.5	58.3	57.1	55.9	-7.3 points
<b>INFLATION <sup>(k)</sup></b>					
<b>1982-84 = 100 (CPI)</b>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Change from Year Ago</u>
<b>Nov 2009 = 100 (PPI)</b>					
U.S. Consumer Price Index	283.7	287.5	289.1	292.3	8.6%
Detroit CPI	258.7	NA	265.1	NA	10.9%
U.S. Producer Price Index	134.6	137.2	137.8	139.0	10.8%
<b>INTEREST RATES</b>					
90 Day T-Bill <sup>(l)</sup>	0.33%	0.44%	0.76%	0.98%	0.96% points
10 Year Treasury Securities <sup>(l)</sup>	1.93%	2.13%	2.75%	2.90%	1.28% points
<b>INDUSTRIAL PRODUCTION <sup>(l)</sup></b>	103.6	104.1	105.5	105.7	5.8%
<b>CAPACITY UTILIZATION <sup>(l)</sup></b>	77.6%	77.9%	78.9%	79.0%	3.8% points
<b>RETAIL SALES <sup>(d)</sup></b>	\$662.3	\$670.0	\$674.7	\$672.9	8.1%
<b>HOUSING STARTS and SALES</b>					
(Millions Annual Rate)	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>% Change From Year Ago</u>
Housing Starts <sup>(d)</sup>	1.777	1.716	1.810	1.549	-3.5%
Existing Home Sales <sup>(m)</sup>	5.930	5.750	5.600	5.410	-8.6%
<b>DURABLE GOODS ORDERS <sup>(d)</sup></b>	\$262.5	\$264.3	\$265.3	\$267.2	10.6%
<b>PERSONAL INCOME <sup>(c)</sup></b>					
(Billions, Seasonally Adj & Annualized)	<u>2021.2</u>	<u>2021.3</u>	<u>2021.4</u>	<u>2022.1</u>	<u>% Change From Year Ago</u>
Michigan	\$552.2	\$544.9	\$542.9	\$549.6	-7.0%
U.S.	\$20,647.7	\$20,803.2	\$20,989.7	\$21,237.2	-2.8%
<b>GROSS DOMESTIC PRODUCT <sup>(c)</sup></b>					
(Billions of Chained 2012 Dollars, Seasonally Adj & Annualized)	<u>2021.2</u>	<u>2021.3</u>	<u>2021.4</u>	<u>2022.1</u>	<u>Annualized % Chg From Last Qtr</u>
	\$19,368.3	\$19,478.9	\$19,806.3	\$19,727.9	-1.6%

## **SOURCES AND NOTES**

- (a) Seasonally adjusted. Sources: Bureau of Labor Statistics, U.S. Department of Labor and Michigan Department of Technology, Management and Budget.
- (b) Bureau of Labor Statistics, U.S. Department of Labor (BLS 790). Page 2 Michigan three-month average unemployment rate graph values use interpolated monthly values for January 2021-August 2021.
- (c) Bureau of Economic Analysis, U.S. Department of Commerce.
- (d) Bureau of the Census, U.S. Department of Commerce. Seasonally adjusted.
- (e) Automotive News.
- (f) Michigan Department of Treasury.
- (g) Michigan Department of Technology, Management and Budget.
- (h) University of Michigan Survey of Consumers.
- (i) Institute for Supply Management (ISM), formerly NAPM.
- (j) The Conference Board.
- (k) Bureau of Labor Statistics, U.S. Department of Labor.
- (l) Seasonally adjusted rates (except interest rates). Federal Reserve System Board of Governors. 2012 equals 100. Treasury bill rate (secondary market).
- (m) National Association of Realtors.