

# The Economic Outlook for Livingston County, 2021–2023



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Jacob Burton

Tina Dhariwal

Gabriel Ehrlich

Donald Grimes

Owen Kay

Michael McWilliams

## Research Seminar in Quantitative Economics



# **Livingston County's Economy prior to COVID-19**

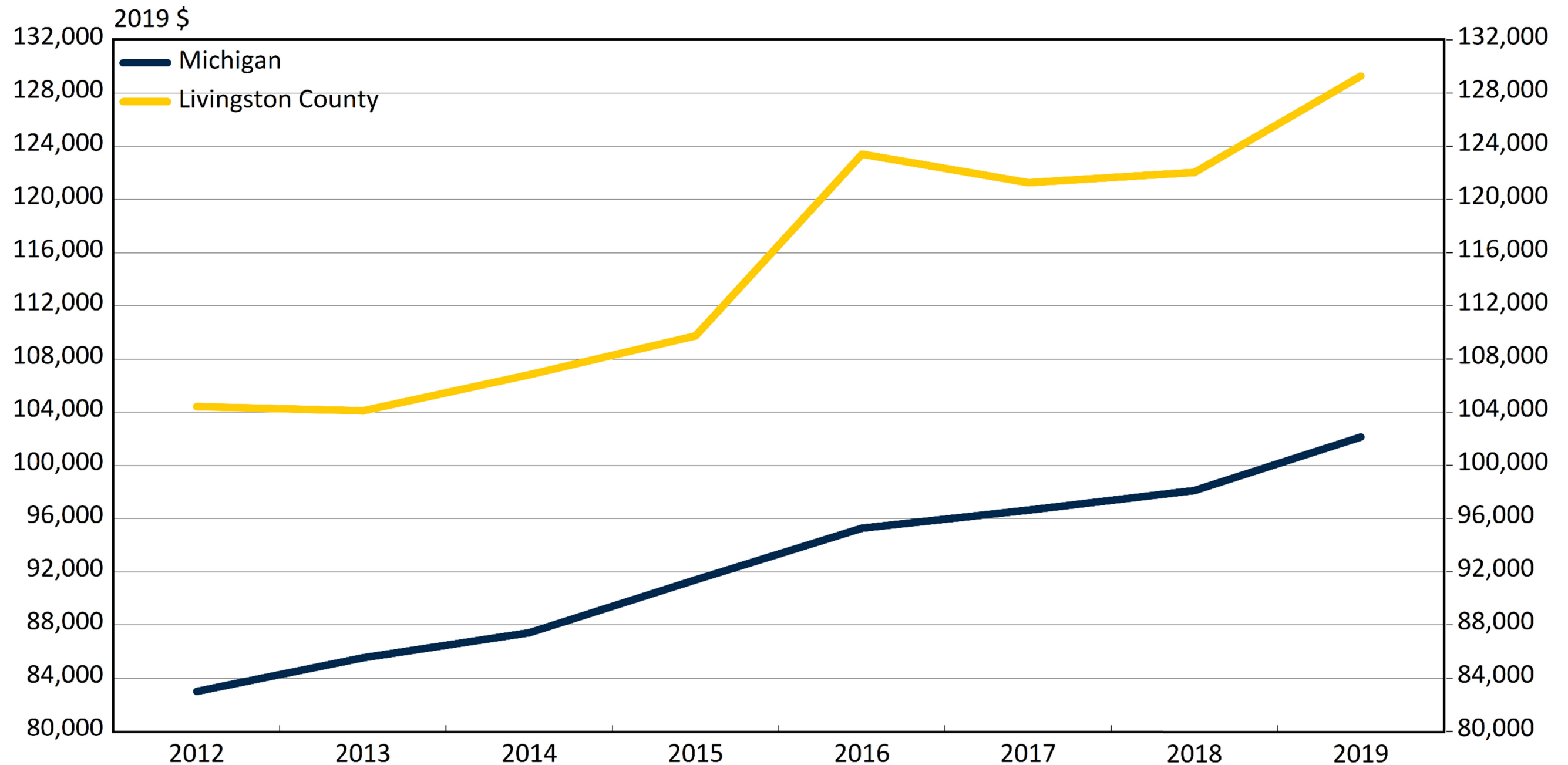
# Livingston County's Economic Background

- 191,995 estimated residents in 2019 (1.9% of MI total)
- Estimated 56% of working residents in 2016 commuted outside of the county
- Highest median household income in MI (\$86,512 in 2019)
- 2<sup>nd</sup> highest median value of owner-occupied units (\$274,200 in 2019)
- In 2019, 36% of residents had at least a Bachelor's degree vs. 30% for MI overall
- Median age of 44 years in 2019 vs. 40 years for the state

# Livingston County's Economic Background

- Livingston County's pre-pandemic economy had outperformed the state
  - 63,450 payroll jobs in 2019, an increase of 51.6% from 2009 (vs. 14.5% for MI)
  - Unemployment rate of 3.3% in 2019 vs. 4.1% for the state
  - Labor force participation rate of 64.9% vs. 61.9% for the state
- Average wages are much lower for jobs in Livingston County than MI
  - \$45,812 in 2019 compared with \$54,972 for the state
  - Partly due to industry mix: higher share of jobs in retail, leisure/hospitality; lower share in business services, health/education services, and government
  - Many of Livingston's higher-earning residents commute to jobs outside of the county

# Average Adjusted Three-Person Equivalent Household Income, Michigan and Livingston County



RSQE: April 2021

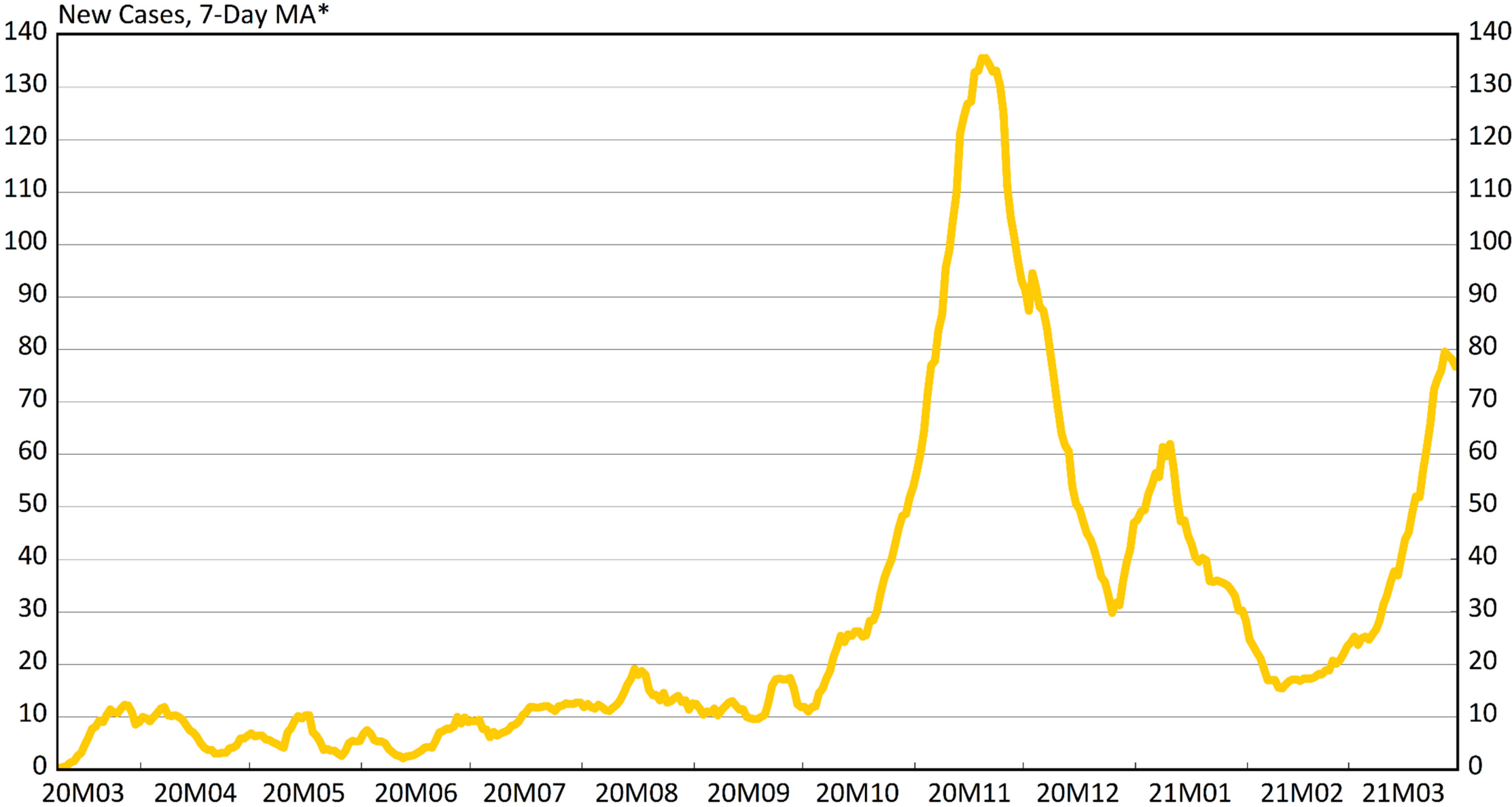
# Population in Lower-, Middle-, and Upper Income Households by Race and Ethnicity, Michigan and Livingston County, 2019

|                             | Lower Income Population | Middle Income Population | Upper Income Population |
|-----------------------------|-------------------------|--------------------------|-------------------------|
| <b>Michigan</b>             |                         |                          |                         |
| All races/ethnicities       | 28%                     | 53%                      | 19%                     |
| Non-Hispanic White          | 23%                     | 57%                      | 20%                     |
| All other races/ethnicities | 42%                     | 44%                      | 14%                     |
| <b>Livingston County</b>    |                         |                          |                         |
| All races/ethnicities       | 13%                     | 59%                      | 27%                     |
| Non-Hispanic White          | 13%                     | 59%                      | 28%                     |
| All other races/ethnicities | 21%                     | 59%                      | 20%                     |

Note: some totals do not sum to 100 percent because of rounding

# **Current State of Livingston's Economy**

# New Cases of COVID-19 in Livingston County

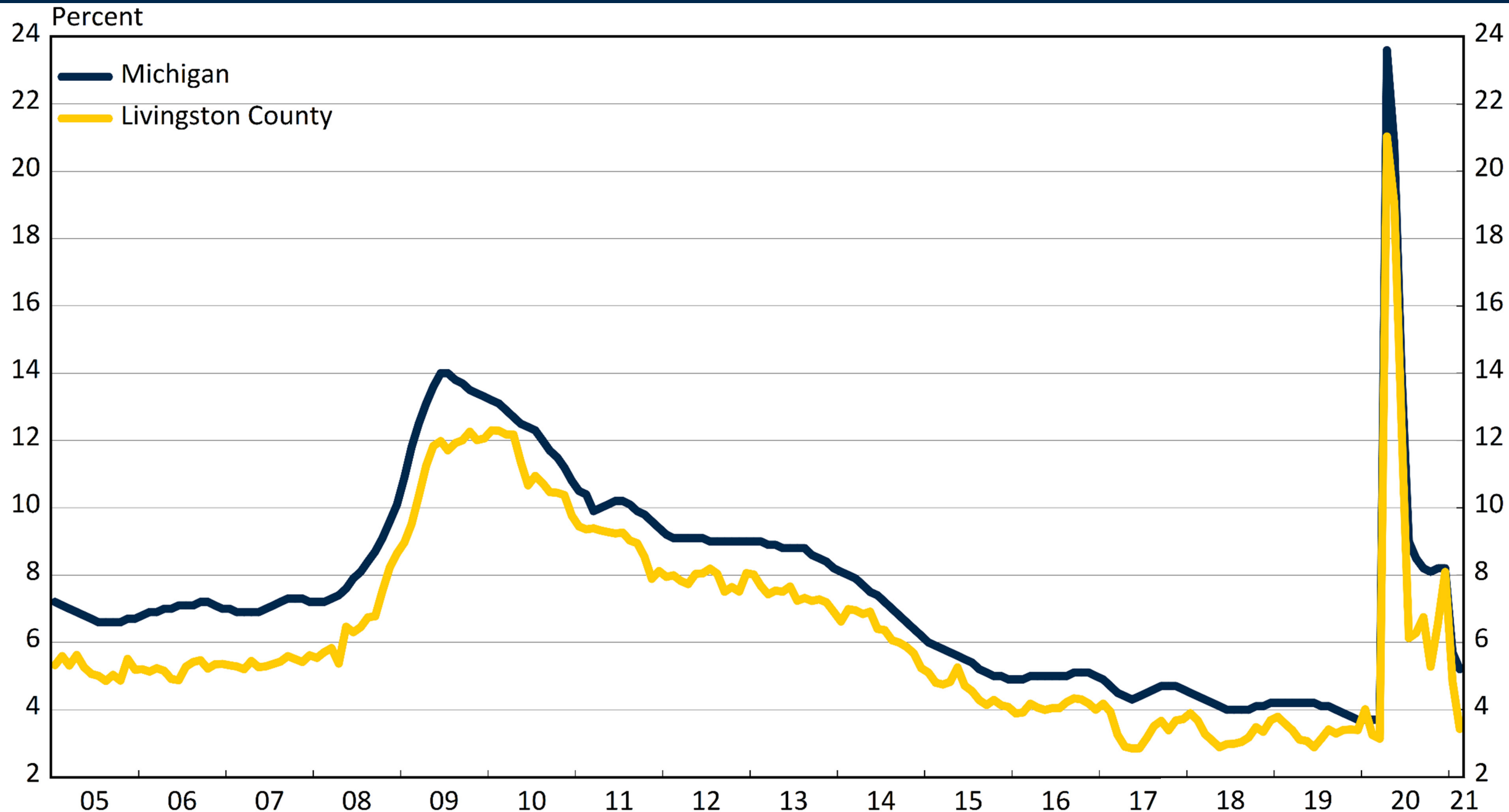


Source: MDHHS as of 04/06/2021

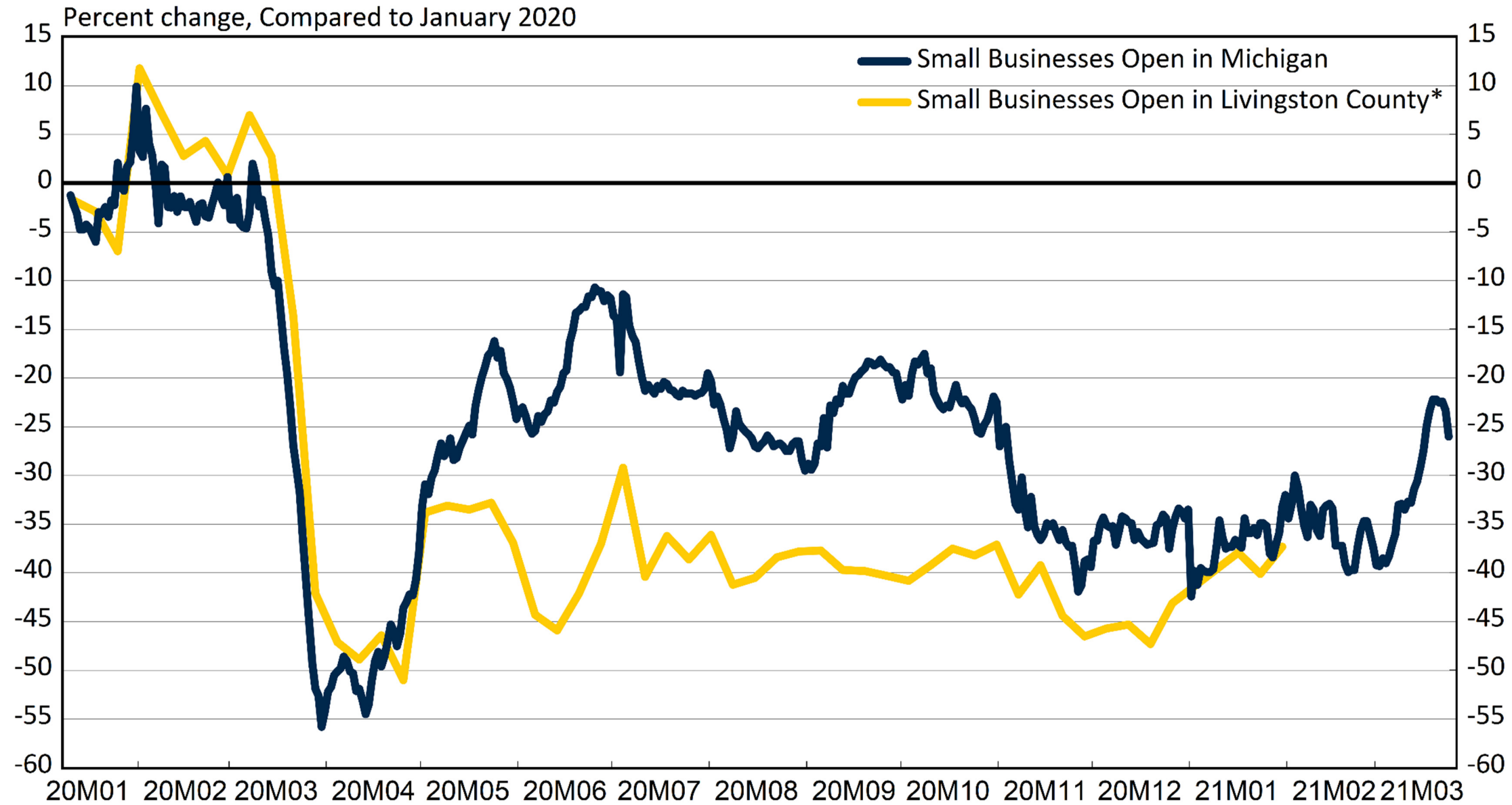
\*Data is subject to revisions



# Seasonally Adjusted Unemployment Rate, Michigan and Livingston County



# Small Business Closures, Michigan and Livingston County

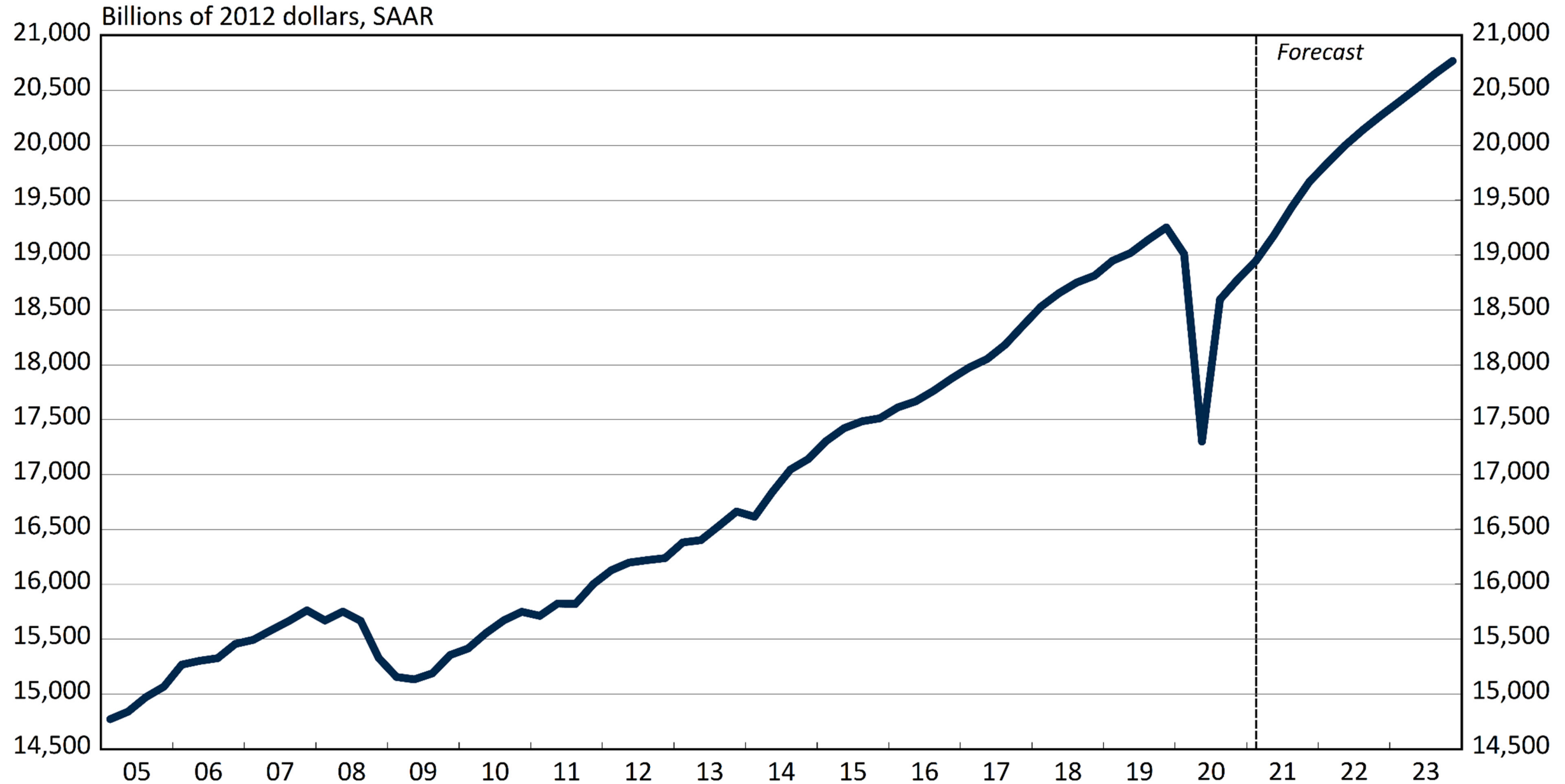


Source: Womply via Opportunity Insights

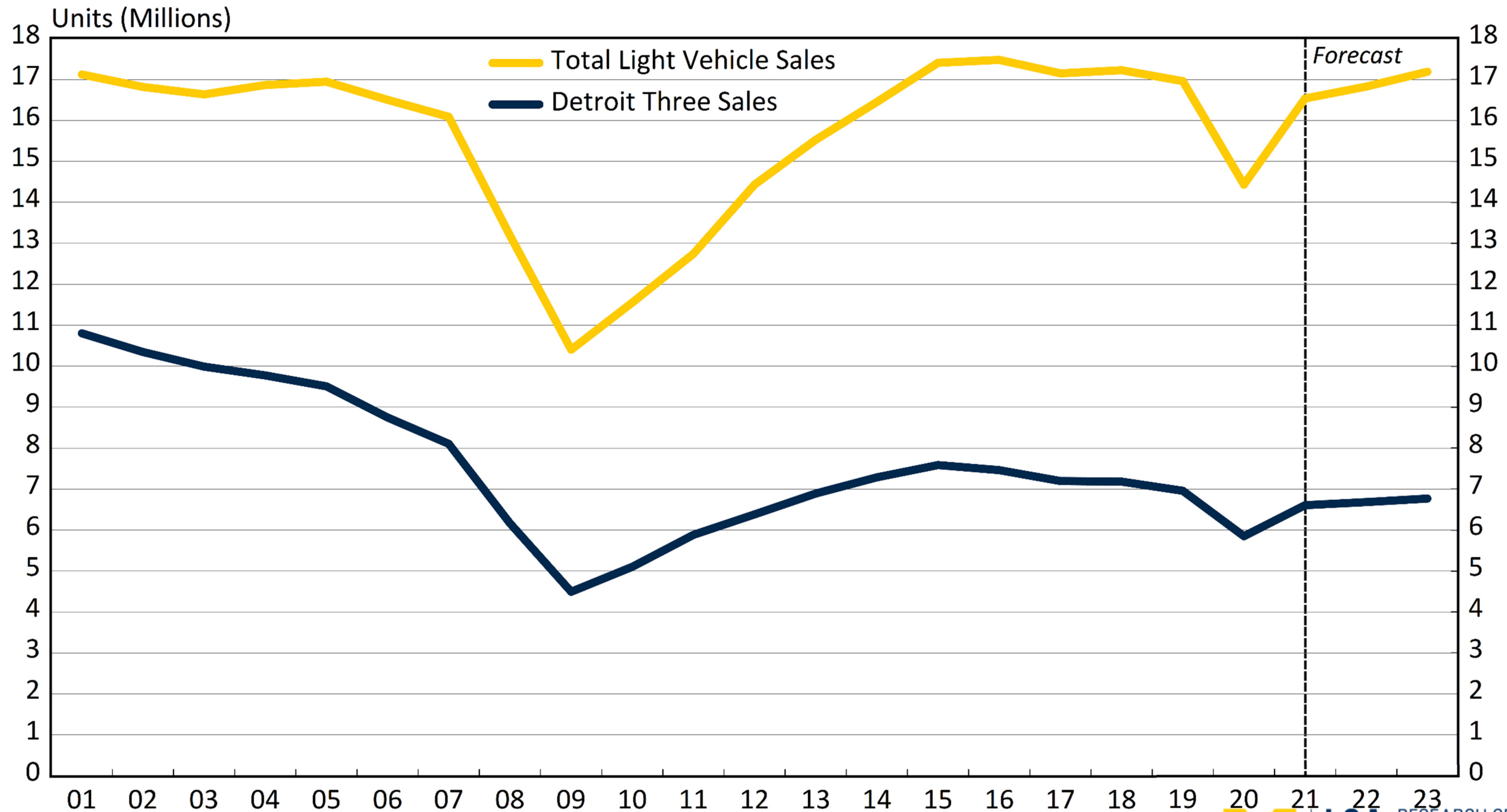
\*Interpolated data from 12/27/2020 to 01/15/2021

# **U.S. Economic Outlook**

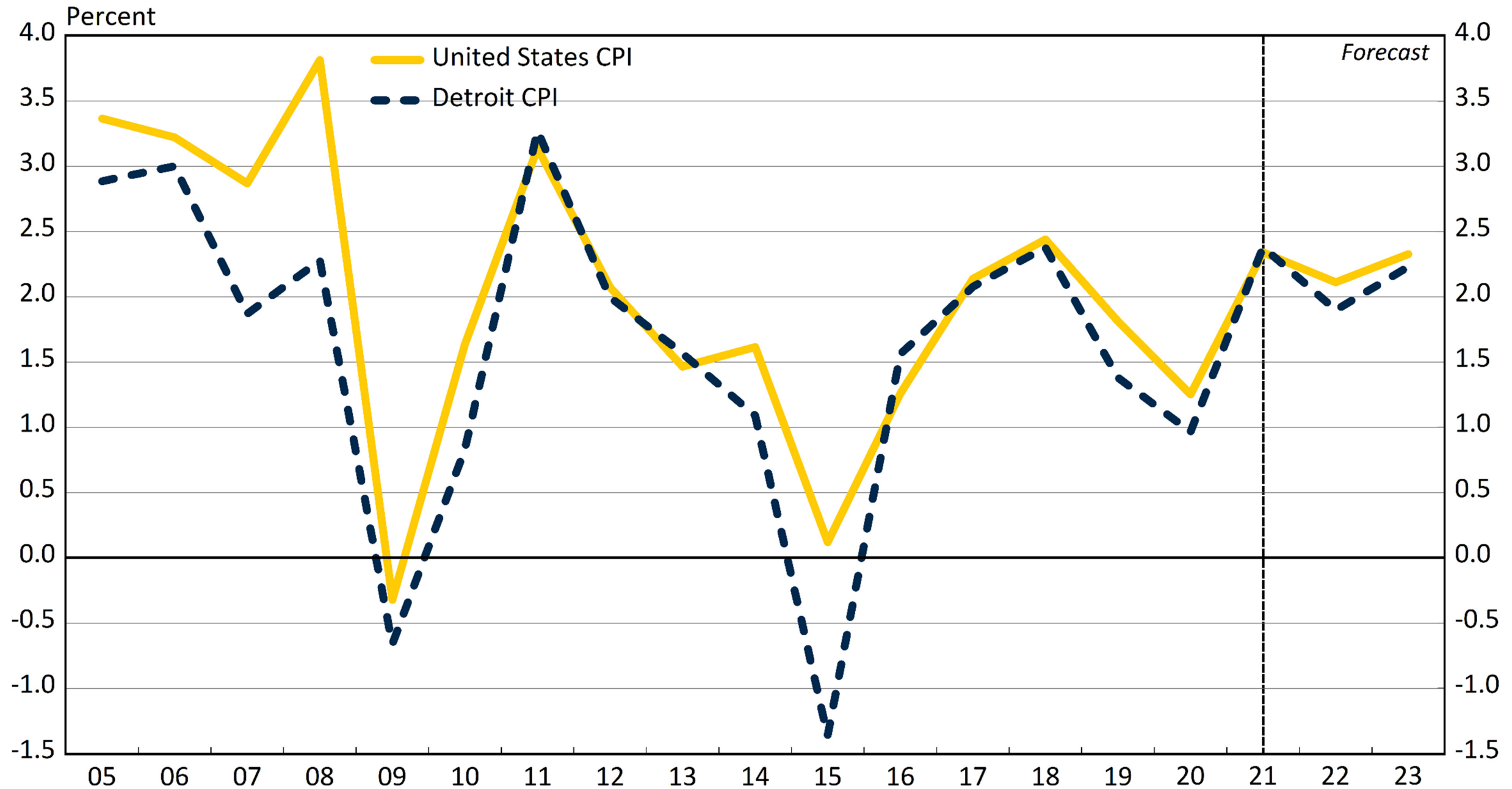
# Real U.S. Gross Domestic Product



# Total U.S. vs. Detroit Three Light Vehicle Sales



# Annual Inflation Rate, National and Detroit CPI



## Q&A for Session I

# Marcia Gebarowski

Ann Arbor SPARK  
Director for Business Development,  
Livingston County

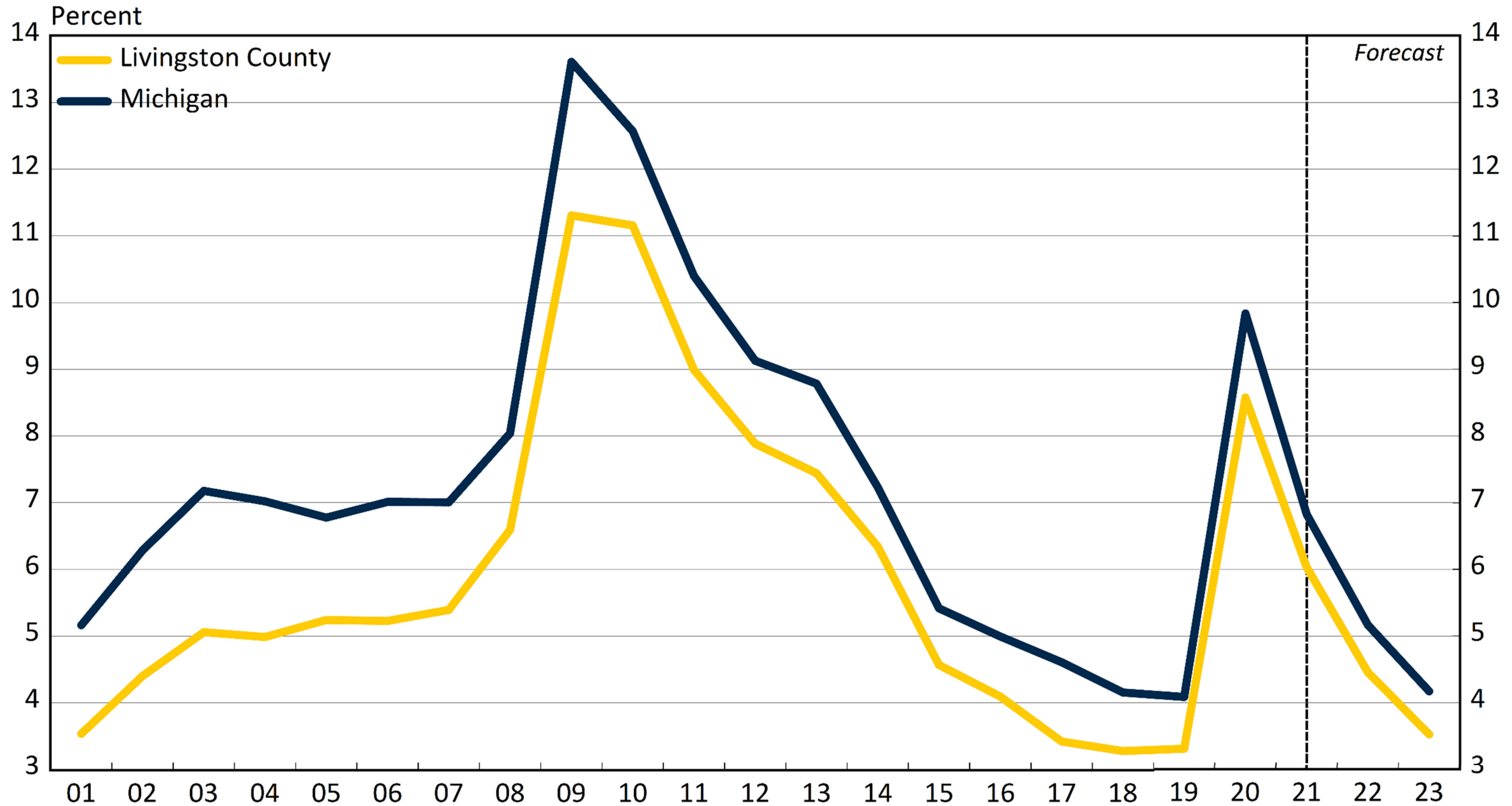
Submit questions to Marcia in the chat panel



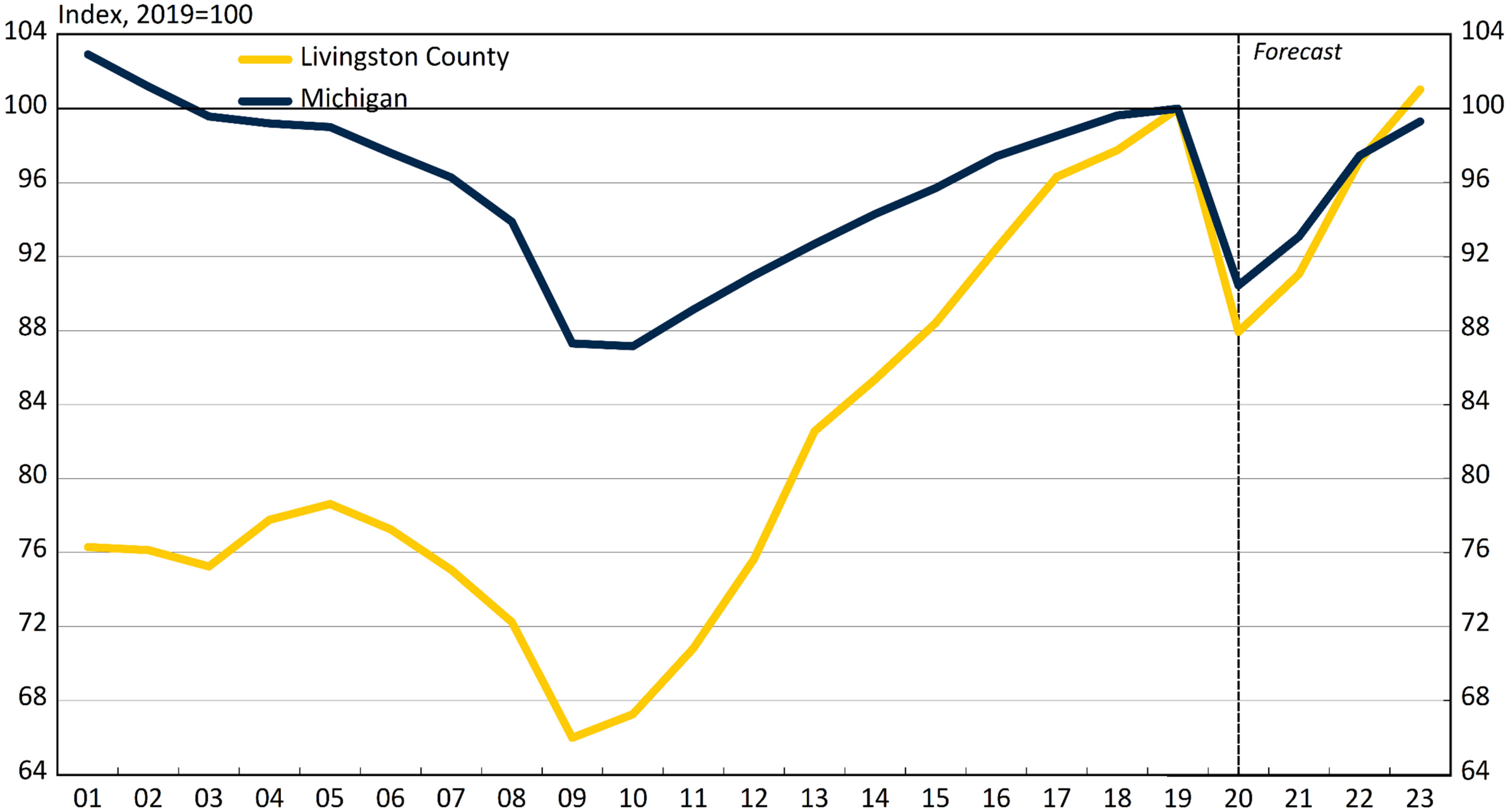
# Livingston County Economic Outlook



# Annual Unemployment Rates, Michigan and Livingston County



# Employment Indices for Michigan and Livingston County



# Industry Detail

# The Recovery of Payroll Jobs in Livingston County

|  | Estimate<br>2020 | Forecast Employment Change |                 |                 |                 |         | Average<br>Annual<br>Wage 2019 |
|--|------------------|----------------------------|-----------------|-----------------|-----------------|---------|--------------------------------|
|  |                  | '19-'20                    | '20-'21         | '21-'22         | '22-'23         | '20-'23 |                                |
| Total Jobs (Number of jobs)<br>(Annual percent change) | 55,794           | -7,656<br>(-12.1%)         | 1,985<br>(3.6%) | 3,890<br>(6.7%) | 2,437<br>(4.0%) | 8,313   | \$45,812                       |
| Private Sector   | 49,364           | -7,346                     | 2,016           | 3,707           | 2,361           | 8,084   | \$45,671                       |
| Total Government                                       | 6,430            | -310                       | -31             | 183             | 77              | 229     | \$46,993                       |

# Full-Recovery Industries

|  | Estimate<br>2020 | Forecast Employment Change |         |         |         |         | Average<br>Annual<br>Wage 2019 |
|--|------------------|----------------------------|---------|---------|---------|---------|--------------------------------|
|  |                  | '19-'20                    | '20-'21 | '21-'22 | '22-'23 | '20-'23 |                                |
| Natural Resources & Mining                                     | 268              | 29                         | -7      | -4      | -7      | -18     | \$38,467                       |
| Transportation, Warehousing,<br>Wholesale Trade, and Utilities | 3,894            | -275                       | 176     | 170     | 153     | 499     | \$78,587                       |
| Manufacturing Other Than<br>Transportation Equipment           | 5,071            | -533                       | 241     | 246     | 206     | 693     | \$62,498                       |
| Construction   | 3,635            | -250                       | 321     | 442     | 228     | 992     | \$61,740                       |

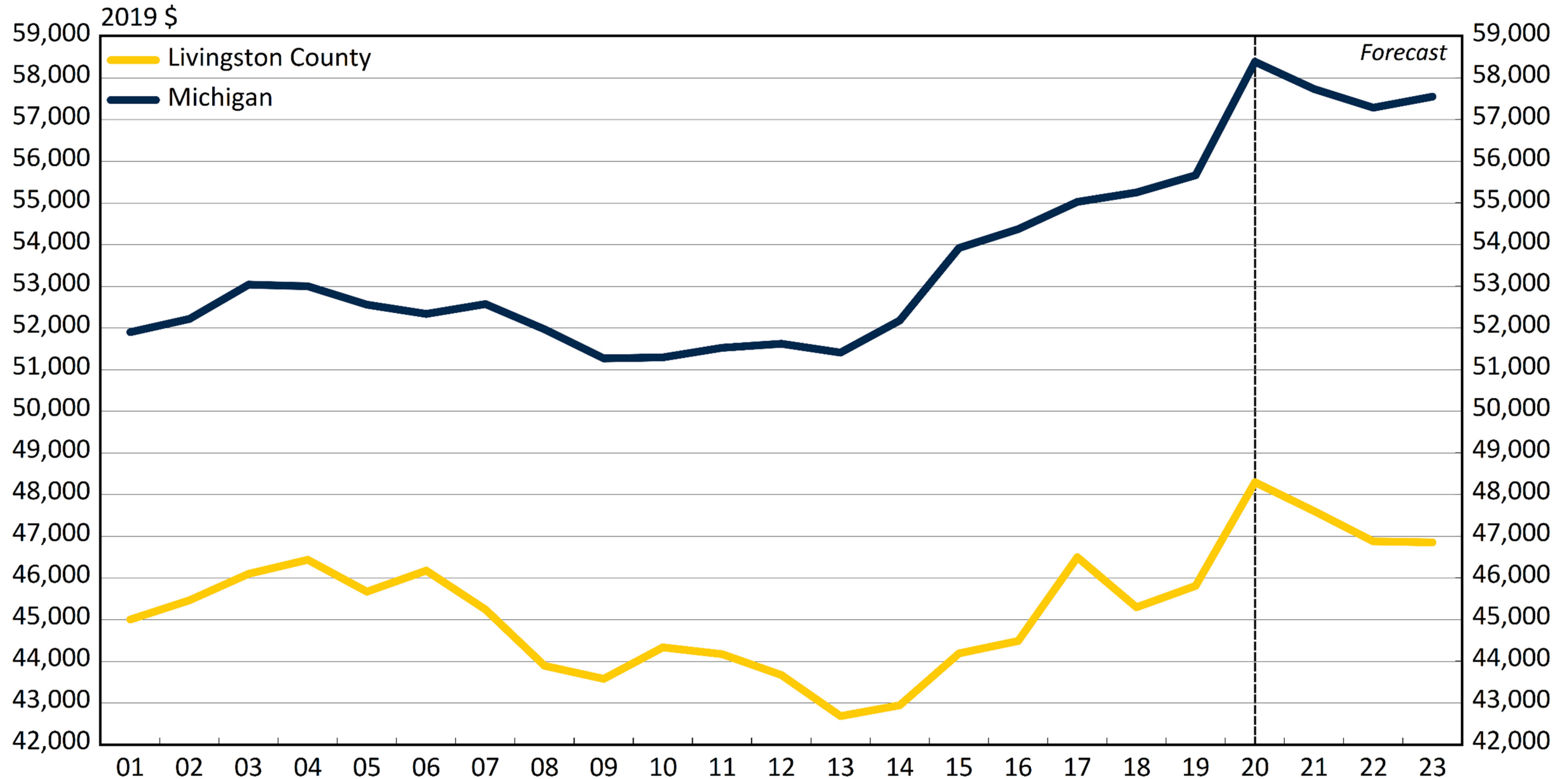
# Full-Recovery Industries

|   | Estimate<br>2020 | Forecast Employment Change |         |         |         |         | Average<br>Annual<br>Wage 2019 |
|---|------------------|----------------------------|---------|---------|---------|---------|--------------------------------|
|   |                  | '19-'20                    | '20-'21 | '21-'22 | '22-'23 | '20-'23 |                                |
| Financial Activities                              | 2,710            | -143                       | 86      | 124     | 86      | 295     | \$54,046                       |
| Professional & Technical<br>Services              | 4,183            | -481                       | 251     | 285     | 226     | 762     | \$50,454                       |
| Management of Companies<br>and Enterprises        | 477              | -36                        | 15      | 30      | 17      | 62      | \$50,399                       |
| Private Education, Health,<br>and Social Services | 7,380            | -1,104                     | 196     | 634     | 500     | 1,331   | \$38,873                       |

# Incomplete-Recovery Industries

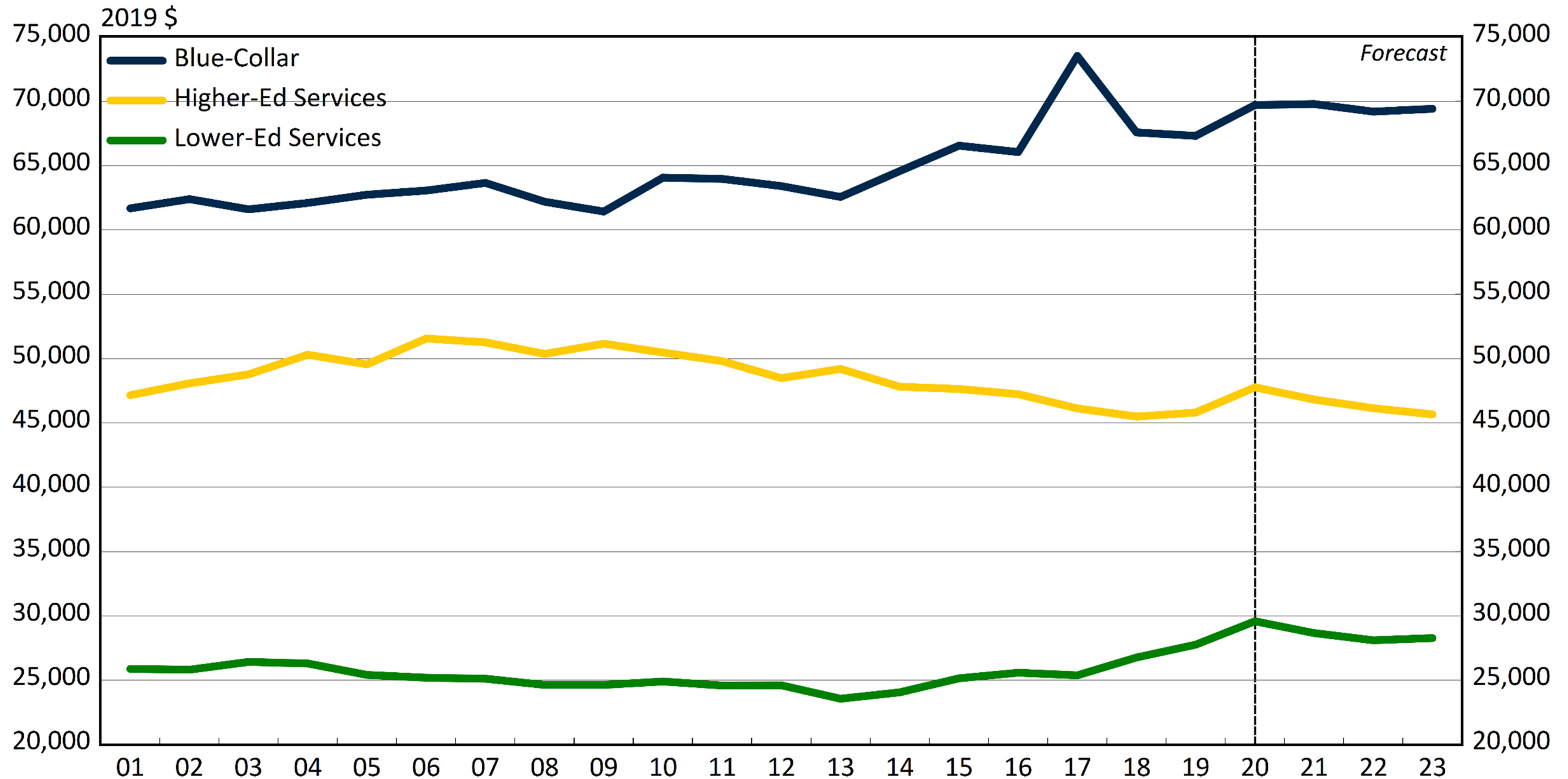
|   | Estimate<br>2020 | Forecast Employment Change |         |         |         |         | Average<br>Annual<br>Wage 2019 |
|---|------------------|----------------------------|---------|---------|---------|---------|--------------------------------|
|   |                  | '19-'20                    | '20-'21 | '21-'22 | '22-'23 | '20-'23 |                                |
| Leisure and Hospitality   | 6,303            | -1,951                     | 395     | 1,085   | 455     | 1,935   | \$17,859                       |
| Other Services  | 1,897            | -427                       | 154     | 96      | 52      | 302     | \$31,588                       |
| Retail Trade  | 7,927            | -660                       | 179     | 212     | 149     | 540     | \$31,965                       |
| Administrative Support &<br>Waste Management                          | 1,551            | -611                       | 125     | 161     | 107     | 394     | \$42,937                       |
| Information   | 473              | -45                        | -3      | 16      | 3       | 15      | \$52,631                       |
| Transportation Equipment<br>(Motor Vehicles & Parts)<br>Manufacturing | 3,330            | -869                       | -113    | 210     | 184     | 281     | \$69,336                       |

# Average Real Wage in Michigan and Livingston County

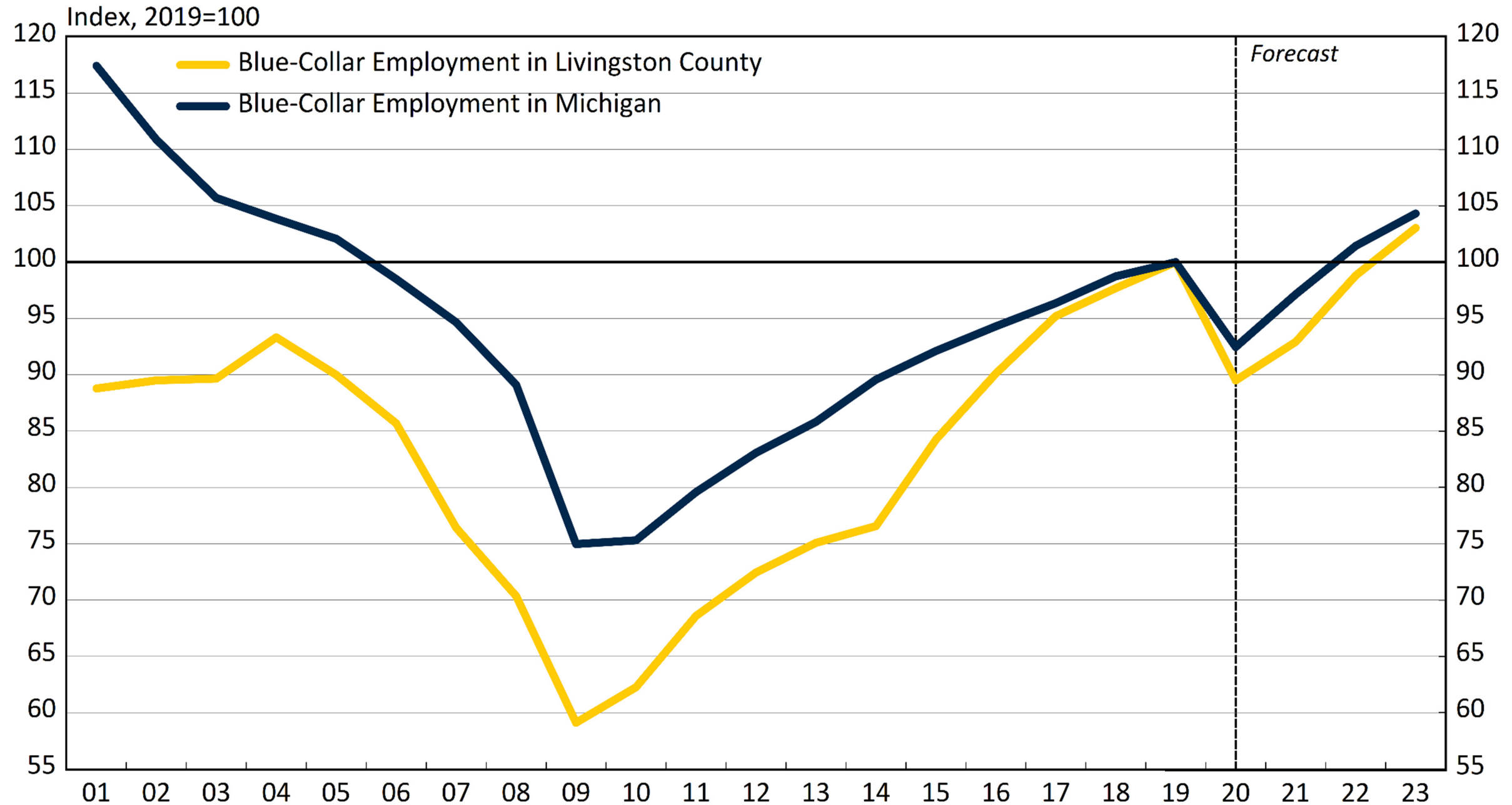




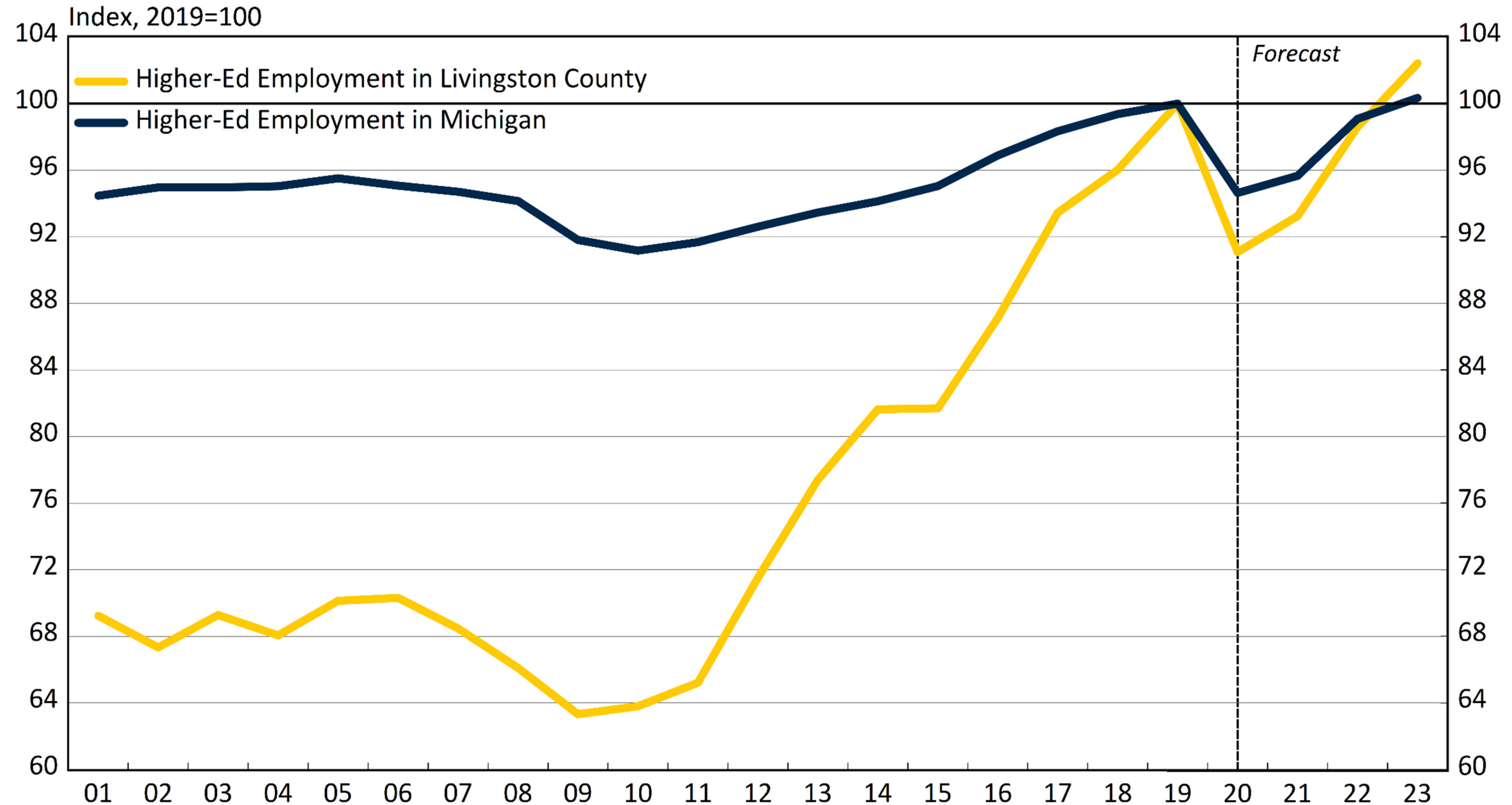
# Average Real Wage in Livingston County by Industry Groupings



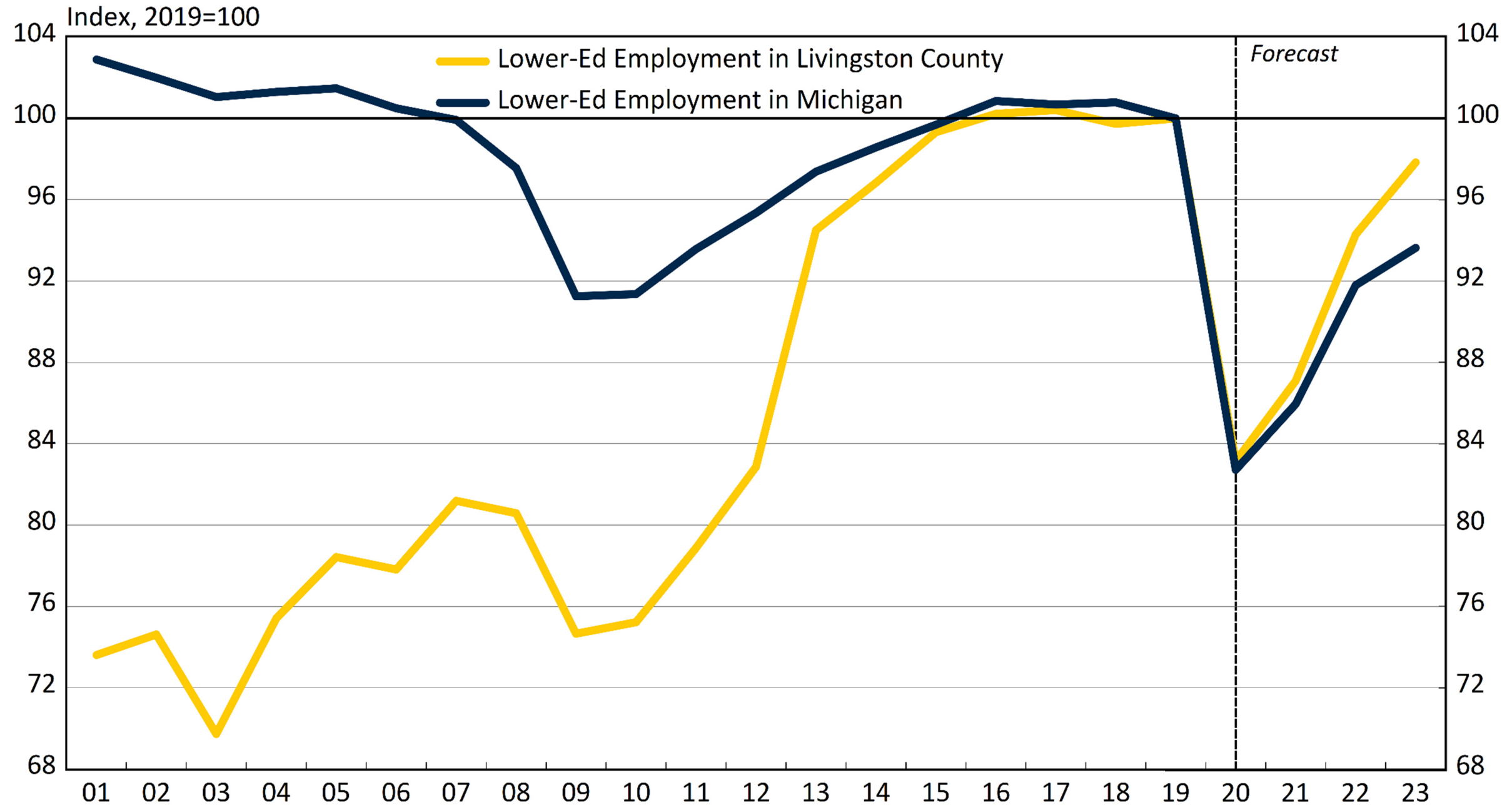
# Blue-Collar Employment Indices, Michigan and Livingston County



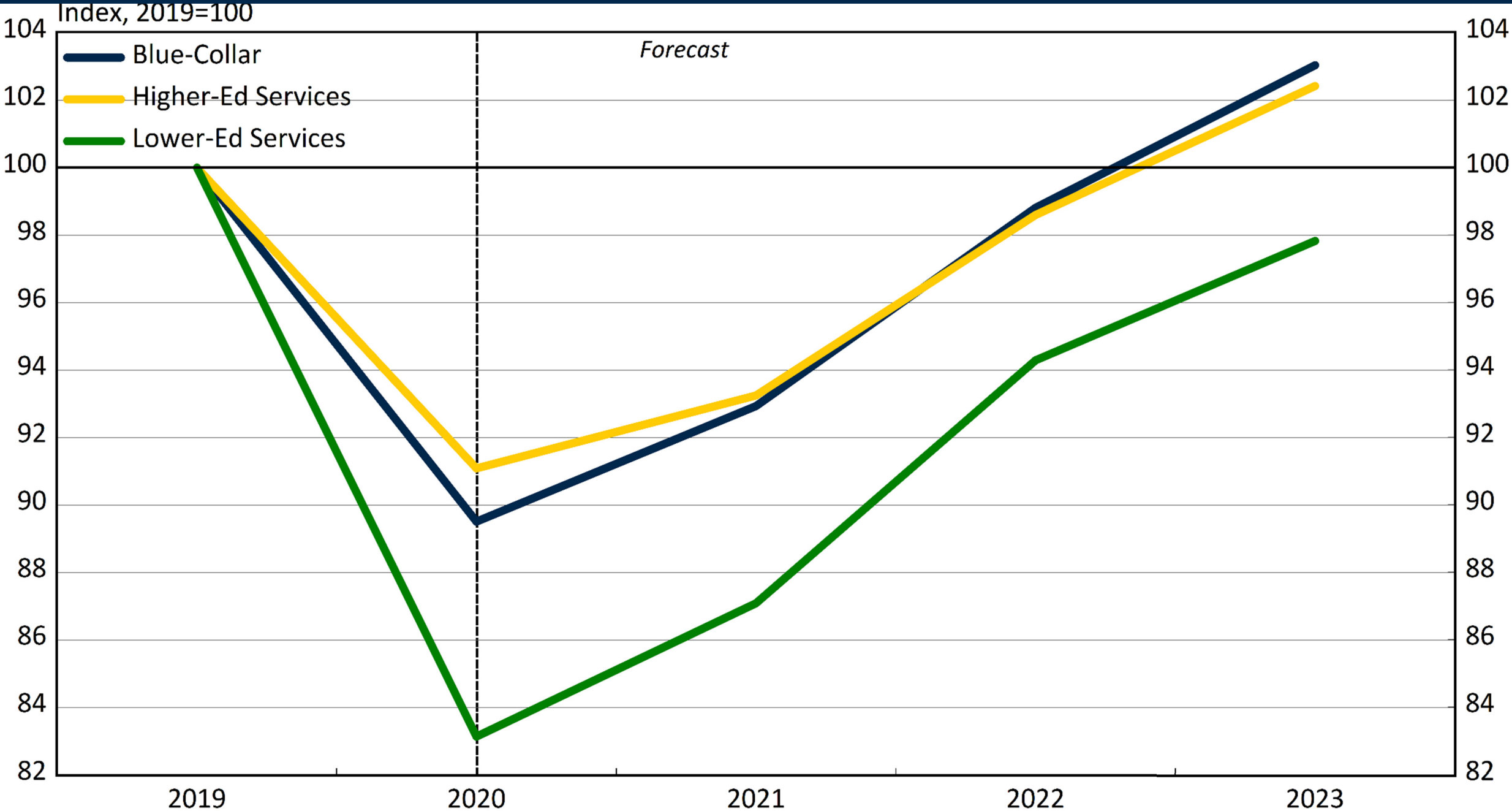
# Higher-Ed Employment Indices, Michigan and Livingston County



# Lower-Ed Employment Indices, Michigan and Livingston County



# Livingston County Employment by Industry Groupings



## Q&A for Session II

# Marcia Gebarowski

Ann Arbor SPARK  
Director for Business Development,  
Livingston County

Submit questions to Marcia in the chat panel



**M** | **LSA** RESEARCH SEMINAR IN  
QUANTITATIVE ECONOMICS  
UNIVERSITY OF MICHIGAN

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