

# Recover Monroe County, IN

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## IN THIS ISSUE

The BESR Dashboard is nearing completion and roll-out. It follows a variety of economic indicators including unemployment rates, job loss, mobility data, and poverty rates. The dashboard has tools that should make deeper understanding about the data easier. It shows data by time, geographic location, and demographics. Descriptions and visualizations of the data are available with each category.



### 01 LIVING WAGE CALCULATIONS - LARGE PORTION OF WORKERS DO NOT EARN "LIVING WAGE"

When considering policy to create and retain jobs it's important to consider what wage is needed for an individual to live. What level of wages does it take to "make a living" – or what is often called a living wage. Here, we show work by Dr. Amy Glasmeier from MIT to show living wage calculations for Monroe County.

### 02 JOB LOSS CORRELATED WITH MOBILITY - SOME SECTORS MORE VULNERABLE TO MOBILITY CHANGES

While comparing the mobility of people around Monroe County vs Job Loss in Monroe County in May 2020 we see a heavy correlation between the decrease in Mobility in Retail and Recreation and a job loss of 25.71% in the Leisure and Hospitality sector since December 2019. This is followed by a heavy impact on Trade, Transportation, and utilities due to the decrease in mobility to transit stations.

### 03 COVID-19 UPDATES FOR MONROE COUNTY

A review of the data shows that Infection rates and daily new cases per 100k population are trending downwards.

# A LARGE PROPORTION OF WORKERS DO NOT EARN "LIVING WAGE"

When considering policy to create and retain jobs it's important to consider what wage is needed for an individual to live. What level of wages does it take to "make a living" – or what is often called a living wage. Here, we show work by Dr. Amy Glasmeier from MIT to show living wage calculations for Monroe County. It shows the hourly rate that an individual in a household must earn to support themselves and by family or household size. It is also based on the person working full time (2080 hours) year round. The full calculator is here: <https://livingwage.mit.edu/counties/18105>.

Bloomington Metro (county level data was not available) hourly wages in 2019, based on survey-based estimates from the U.S. Bureau of Labor Statistics and the Indiana Department of Workforce Development, we provide the table below. The median wage in 2019 was \$17 an hour – the median means that 50% of workers earned more than that and 50% earned less – it is the mid-point. If we compare to the MIT living wage, that median is okay for people without children, but not if you are an adult with at least one child.

	1 ADULT				2 ADULTS (1 WORKING)			
	0 Children	1 Child	2 Children	3 Children	0 Children	1 Child	2 Children	3 Children
Food	\$3,075	\$4,541	\$6,826	\$9,053	\$5,637	\$7,025	\$9,063	\$11,035
Child Care	\$0	\$6,570	\$11,280	\$15,990	\$0	\$0	\$0	\$0
Medical	\$2,395	\$6,525	\$6,237	\$6,358	\$5,378	\$6,237	\$6,358	\$6,259
Housing	\$8,364	\$11,340	\$11,340	\$14,892	\$8,832	\$11,340	\$11,340	\$14,892
Transportation	\$4,289	\$8,362	\$10,608	\$11,557	\$8,362	\$10,608	\$11,557	\$12,115
Other	\$2,929	\$4,883	\$5,070	\$6,378	\$4,883	\$5,070	\$6,378	\$6,381
Required annual income after taxes	\$21,052	\$42,222	\$51,361	\$64,228	\$33,092	\$40,281	\$44,695	\$50,681

	1 ADULT				2 ADULTS (1 WORKING)			
	0 Children	1 Child	2 Children	3 Children	0 Children	1 Child	2 Children	3 Children
Living Wage	\$11.85	\$23.80	\$28.95	\$36.21	\$18.66	\$22.70	\$25.19	\$28.56
Poverty Wage	\$6.00	\$8.13	\$10.25	\$12.38	\$8.13	\$10.25	\$12.38	\$14.50
Minimum Wage	\$7.25	\$7.25	\$7.25	\$7.25	\$7.25	\$7.25	\$7.25	\$7.25

BLOOMINGTON METRO WAGE ESTIMATE (MONROE + OWEN)	WAGE PER HOUR
10% of workers earn less than	<b>\$9.20</b>
25% of workers earn less than	<b>\$11.75</b>
50% earn less than the median	<b>\$17.07</b>
50% earn more than the median	<b>\$17.07</b>
10% earn more than this	<b>\$39.30</b>

# SOME SECTORS MORE VULNERABLE TO MOBILITY CHANGES

Ishita Kumar has been working with data on the percentage of lost jobs and changes in mobility. She has designed a chart which lists the percentage in job loss for different sectors between December 2019 and May 2020 and compares it to the percentage change of mobility in related areas. Comparing the correlation between sectors some sectors are more clearly correlated and impacted by decreases in mobility, while some appear to be less vulnerable to changes in mobility.

While comparing the mobility of people around Monroe County vs Job Loss in Monroe County in May 2020 we see a heavy correlation between the

decrease in Mobility in Retail and Recreation and a job loss of 25.71% in the Leisure and Hospitality sector since December 2019. This is followed by a heavy impact on Trade, Transportation, and utilities due to the decrease in mobility to transit stations. Even though workforces have shown the largest mobility decrease, Government and Private Education show less of an impact. Private education is the only sector to not experience job loss. This may be because these sectors had more ability to move remote; it's possible that Private Education benefited from going remote as it was a difficult change for students that may have caused them to seek out additional help.

## Mobility of People VS Job Losses

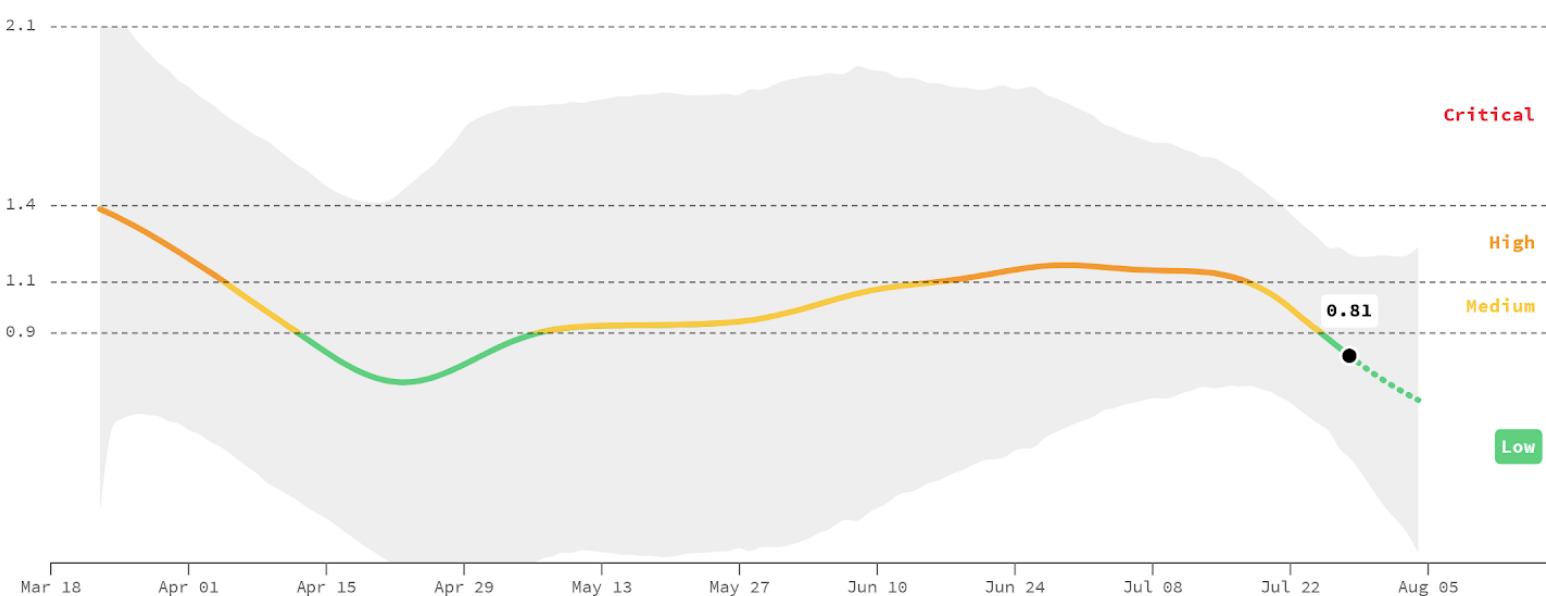
Industry		Places of Visit	Job Loss in May 2020 %	Mobility Decrease May 2020 %
Sector	F			
Goods Producing		Grocery And Pharmacy	-6.78	-10.20
Durable Goods		Grocery And Pharmacy	-8.20	-10.20
Transportation, W..		Transit Stations	-7.69	-25.85
Trade, Transportat..		Transit Stations	-10.75	-25.85
Service-Providing		Retail and Recreation	-7.80	-34.06
Leisure and Hospit..		Retail and Recreation	-25.71	-34.06
Private Service		Grocery And Pharmacy	-8.64	-10.20
Providing		Retail and Recreation	-8.64	-34.06
Private Educationa..		Workplaces	1.89	-45.83
Local Govt. Educat..		Workplaces	-6.12	-45.83
Local Government ..		Workplaces	-4.00	-45.83
Government (Inclu..		Workplaces	-6.56	-45.83

# COVID-19 UPDATES

William Liao reviewed COVID-19 data for Monroe County Indiana for the period ending on August 5, 2020. Findings from his review showed that infection rates and daily new cases per 100k population are trending downwards which is a positive news. See the data below.

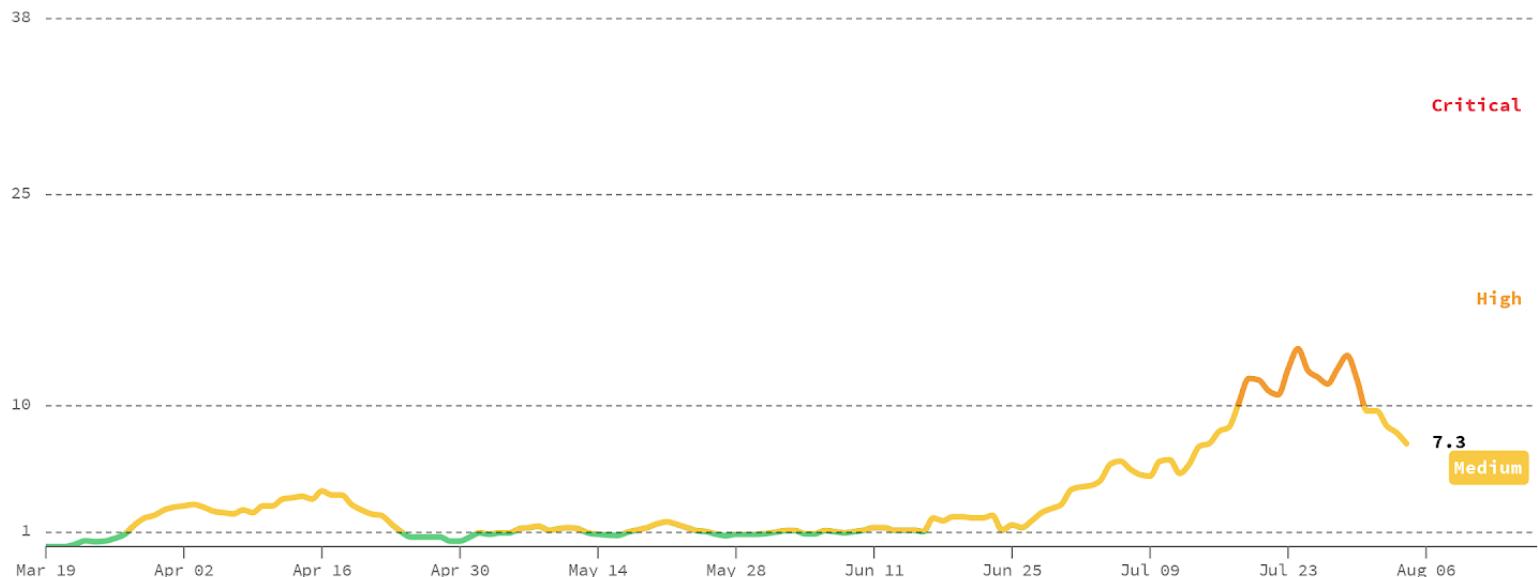
## Infection Rate

Last updated August 5, 2020



## Daily New Cases Per 100k Population

Last updated August 5, 2020





# COLLABORATORS

**BLOOMINGTON ECONOMIC STABILIZATION RECOVERY  
CITY OF BLOOMINGTON, INDIANA**

**CRISIS TECHNOLOGIES INNOVATION LAB -  
INDIANA UNIVERSITY**

**INDIANA BUSINESS RESEARCH CENTER -  
INDIANA UNIVERSITY**