

JACKSON COUNTY LEGISLATURE COVID UPDATE

October 4, 2021



JACKSON COUNTY HEALTH DEPARTMENT

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COVID-19 TRENDS



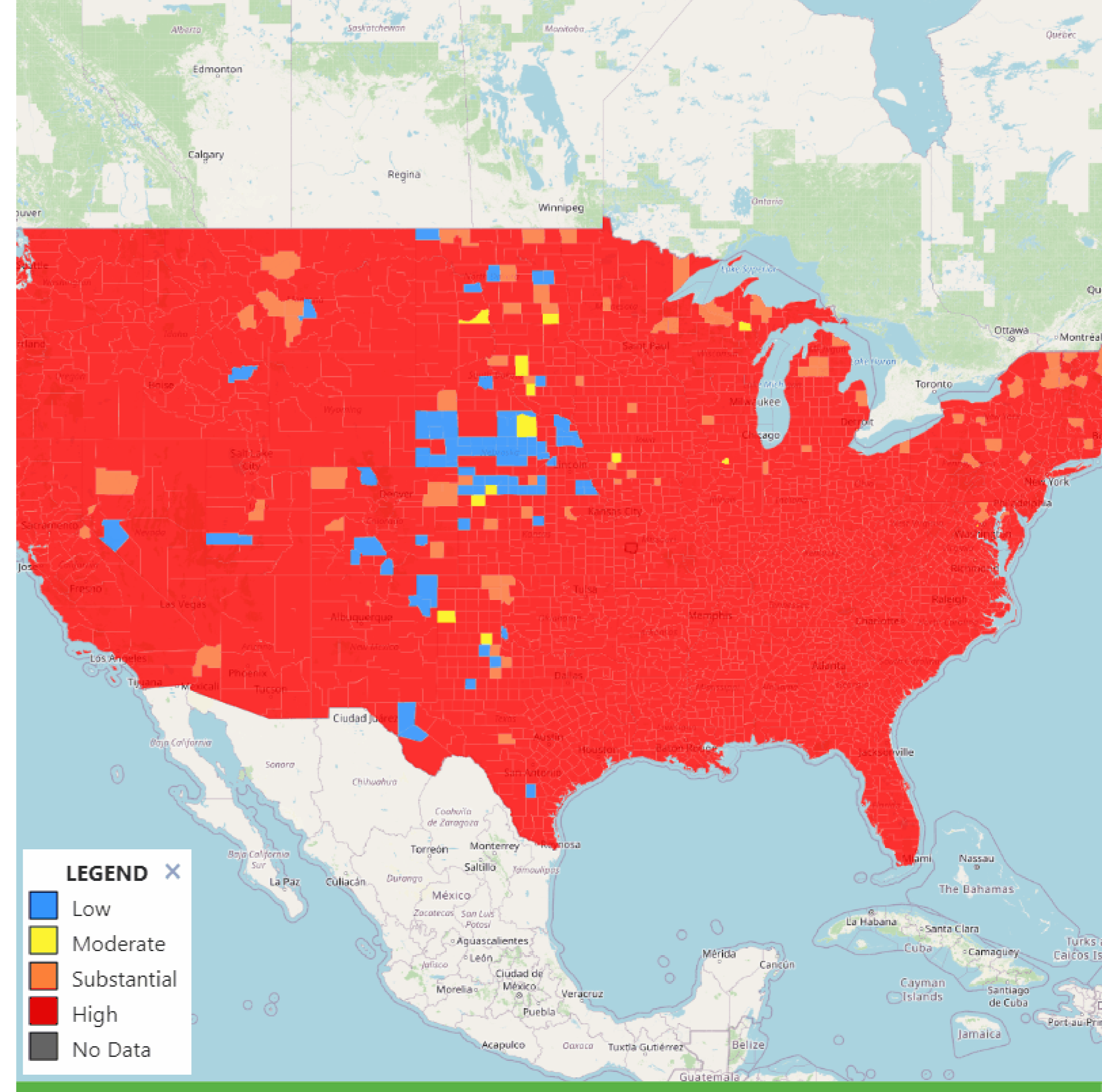
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STATE WIDE

- Jackson County and the surrounding counties in Missouri and Kansas, except for Platte County, Missouri, are classified as “high transmission” areas according to the CDC. Platte County is currently experiencing “substantial transmission” levels.

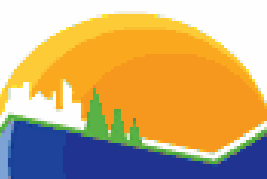
Indicator	Low Transmission (Blue)	Moderate Transmission (Yellow)	Substantial Transmission (Orange)	High Transmission (Red)
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	>100
			139.95 per 100,000	
Percentage of NAATs that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	>10.0%
		7.19%		



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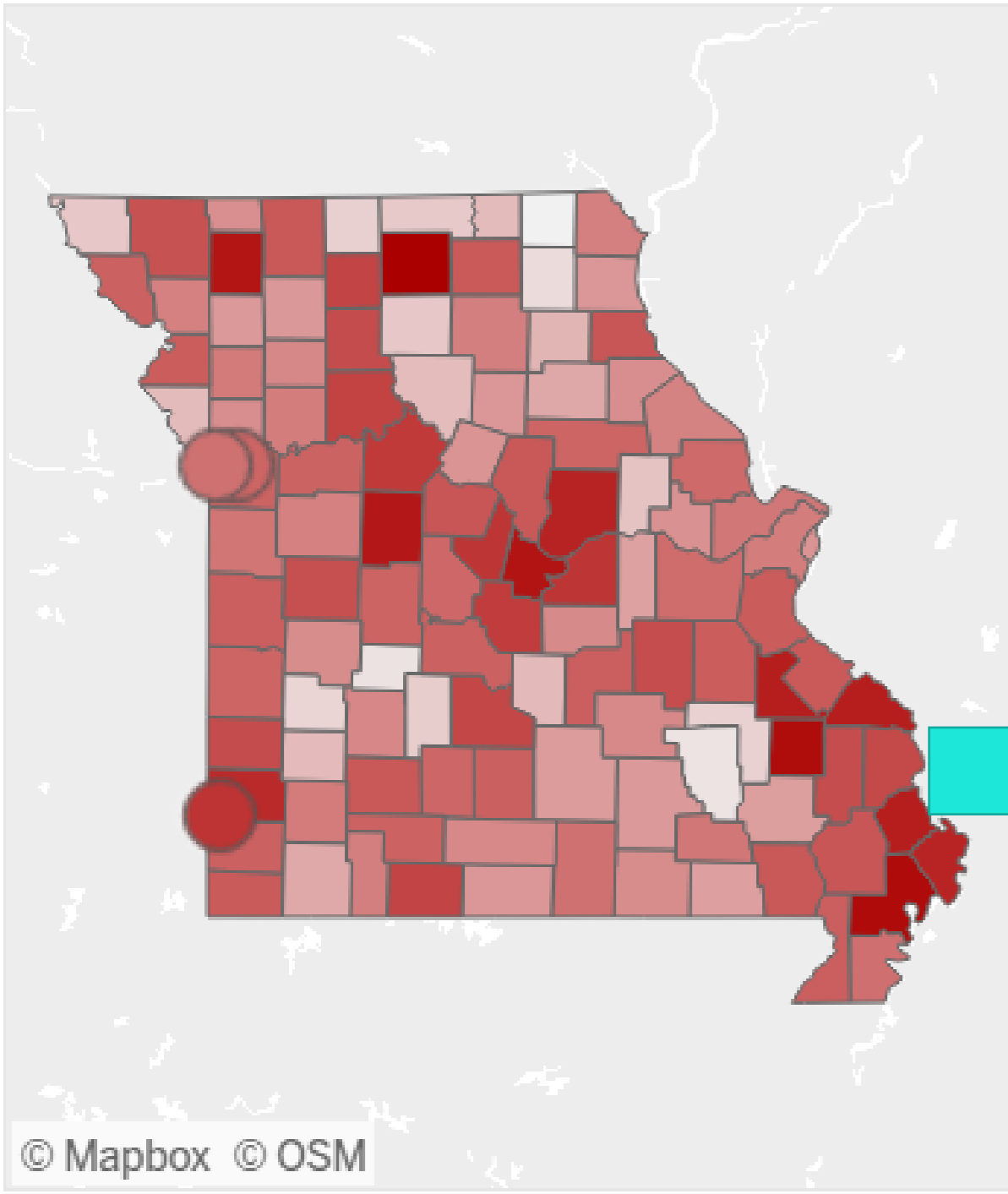
COVID-19 | PHASED PREVENTION | LEVELS OF COMMUNITY TRANSMISSION | ALL COUNTIES | 08/27/2021



Explore more data at ephtracking.cdc.gov/DataExplorer

Cases by Jurisdiction to Date

Colored by Per 100k



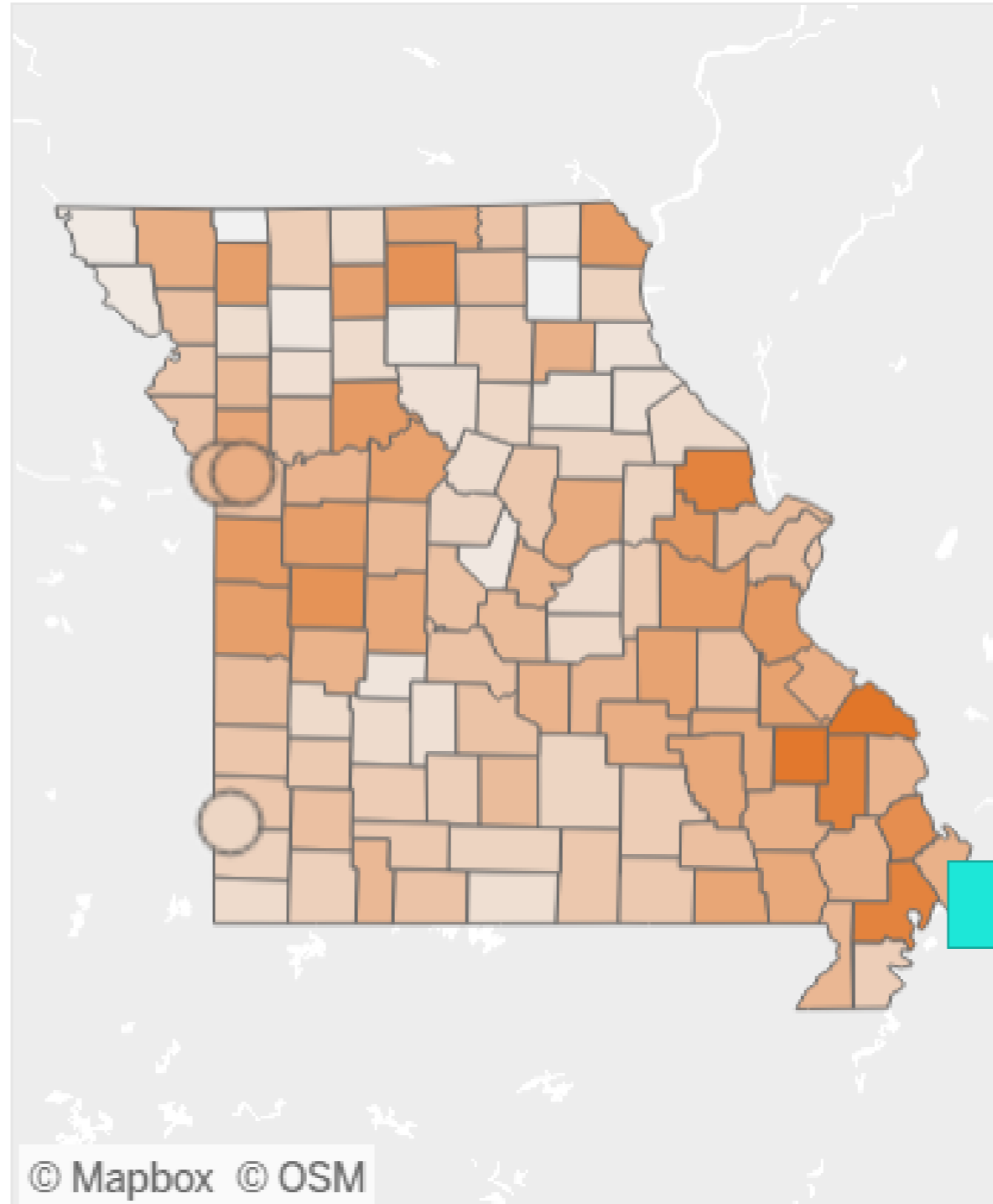
Sorted by Cases (Per 100k)

Colored by Total Volume

PHELPS	42	11,637
DUNKLIN	43	11,586
BATES	44	11,569
WRIGHT	45	11,559
NEWTON	46	11,509
CAMDEN	47	11,508
HOLT	48	11,492
CHRISTIAN	49	11,455
JACKSON	50	11,399
LAFAYETTE	51	11,392
BENTON	52	11,325
AUDRAIN	53	11,305
INDEPENDENCE	54	11,302

Past 7 Days: Cases by Juris.

Colored by Per 100k



Sorted by Cases (Per 100k)

Colored by Total Volume

STONE	45	135
PETTIS	46	132
KANSAS CITY	47	131
MILLER	48	129
CLINTON	49	128
ST CHARLES	50	127
WRIGHT	51	126
ST LOUIS	52	122
RAY	53	122
VERNON	54	122
JACKSON	55	119
WASHINGTON	56	117
CARTER	57	117
MORGAN	58	116

As of September 30, 2021: <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/data/public-health/county.php>



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CASES

Confirmed Cases: 30,078

Probable Cases: 8,195

Deaths: 474

7-Day Average Daily New Cases

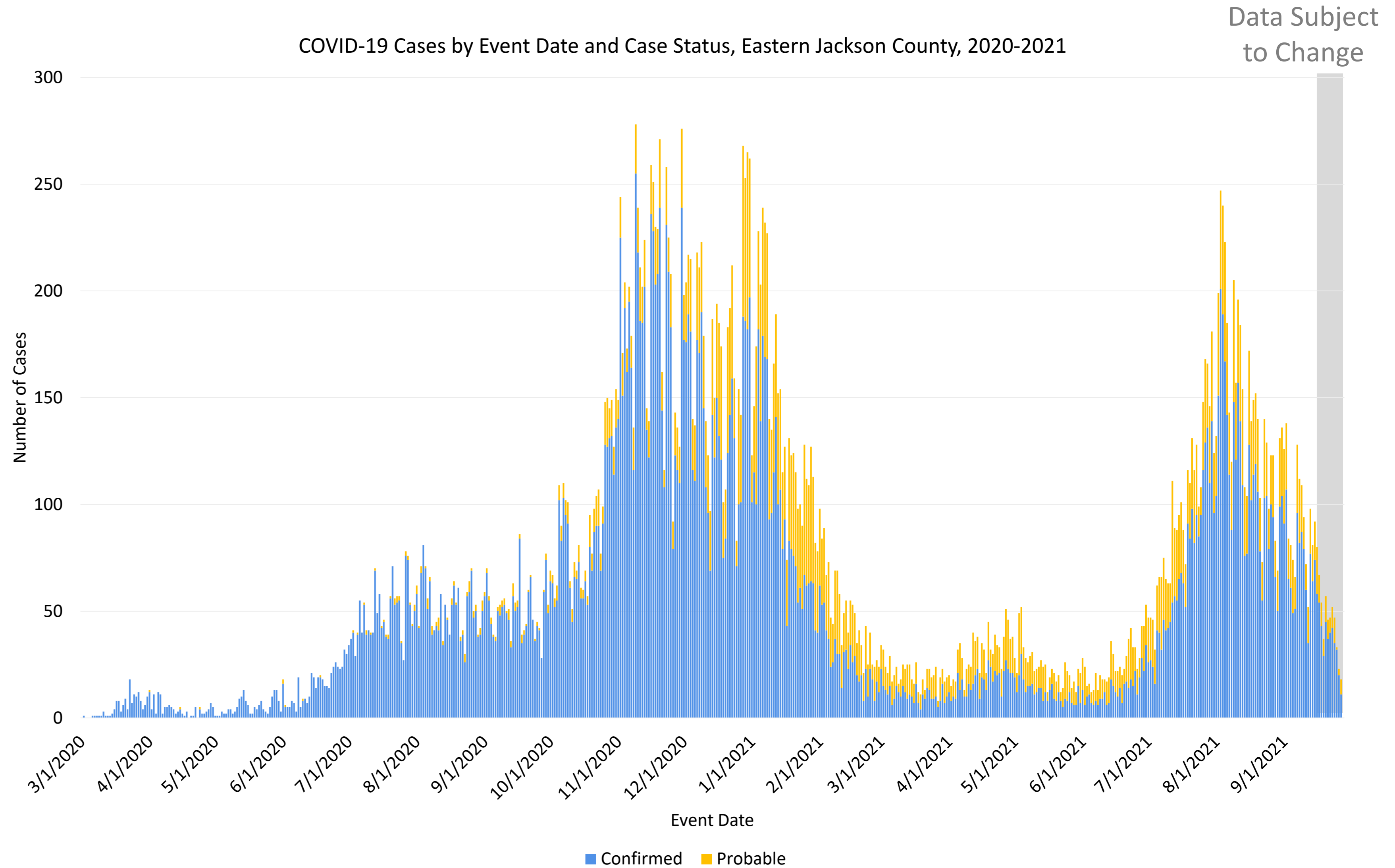
<u>Week</u>	<u>Average</u>
Week 8/22	109.86
Week 8/29	109.29
Week 9/5	93.57
Week 9/12	74.86
Week 9/19*	45.47*

7-Day Case Rate per 100,000

<u>Week</u>	<u>Case Rate</u>
Week 8/22	282.49
Week 8/29	281.38
Week 9/5	241.60
Week 9/12	195.57
Week 9/19*	139.95*



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*still receiving data and case reports – value incomplete.

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PERCENT POSITIVE

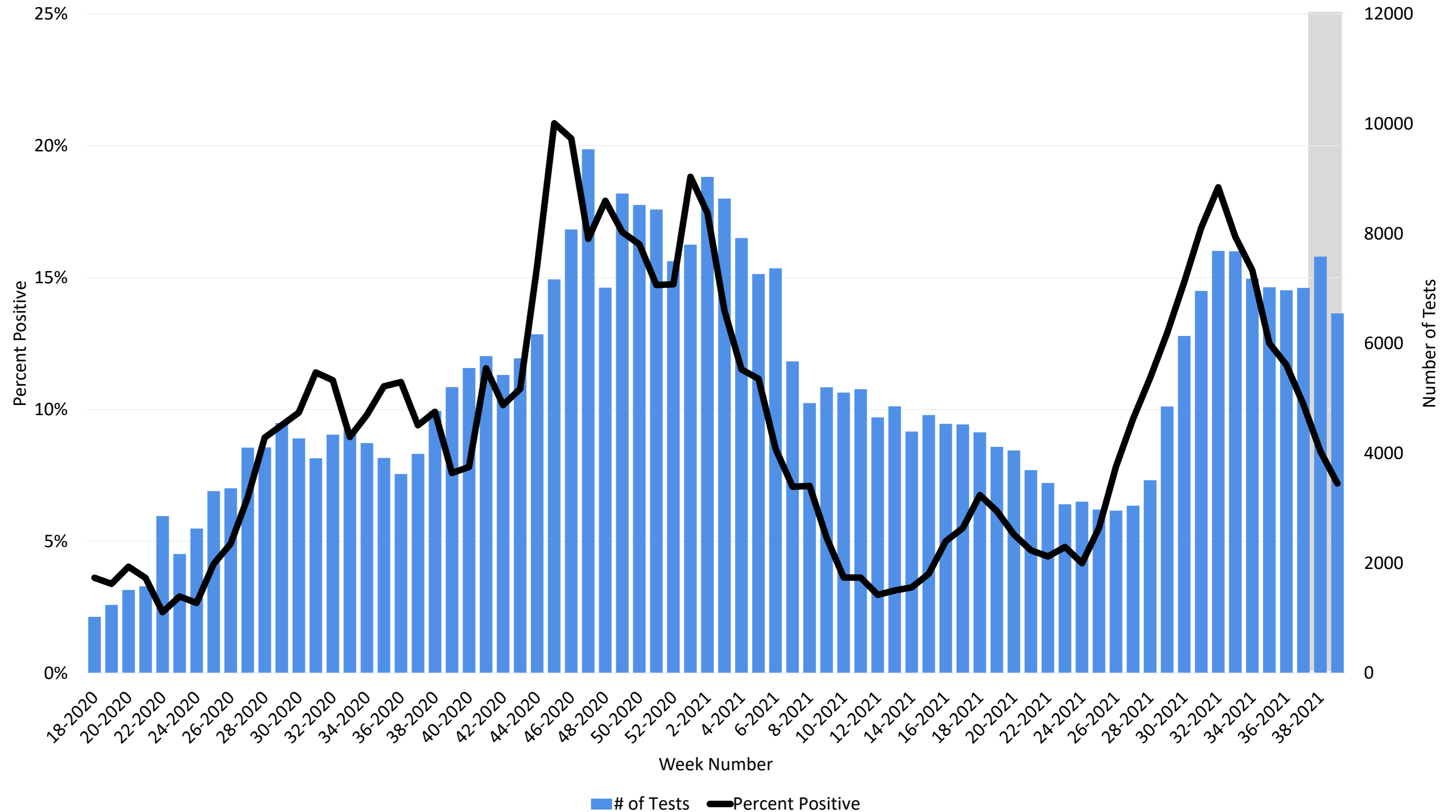
Tests Per Week

<u>Week</u>	<u>Count</u>
Week 8/22	7,025
Week 8/29	6,970
Week 9/5	7,012
Week 9/12	7,583
Week 9/19*	6,548

Percent Positive

<u>Week</u>	<u>Count</u>
Week 8/22	12.51%
Week 8/29	11.69%
Week 9/5	10.20%
Week 9/12	8.41%
Week 9/19*	7.19%

Percent Positive and Number of COVID-19 Specimens Collected by Week, Eastern Jackson County, 2020-2021



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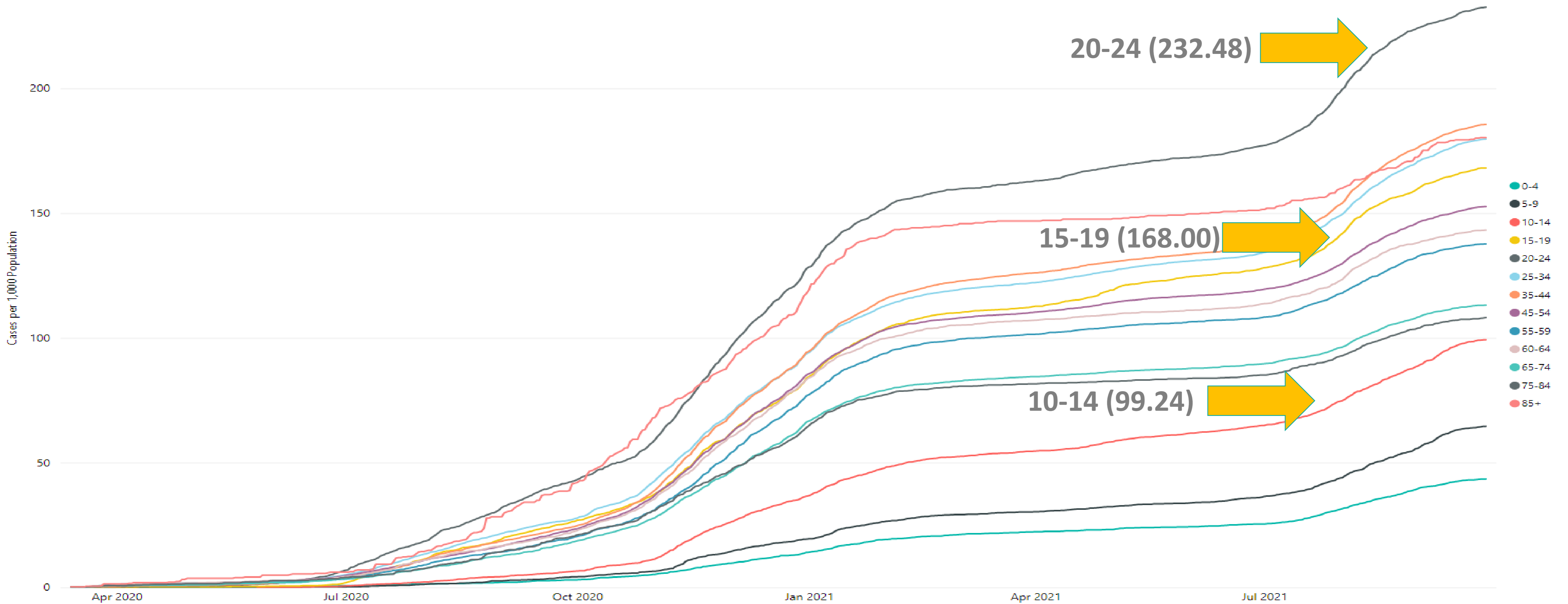
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*still receiving data and case reports – value incomplete.

CUMULATIVE CASE RATES BY AGE GROUP

CUMULATIVE CASE RATE PER 1,000 POPULATION BY AGE GROUP, EASTERN JACKSON COUN...



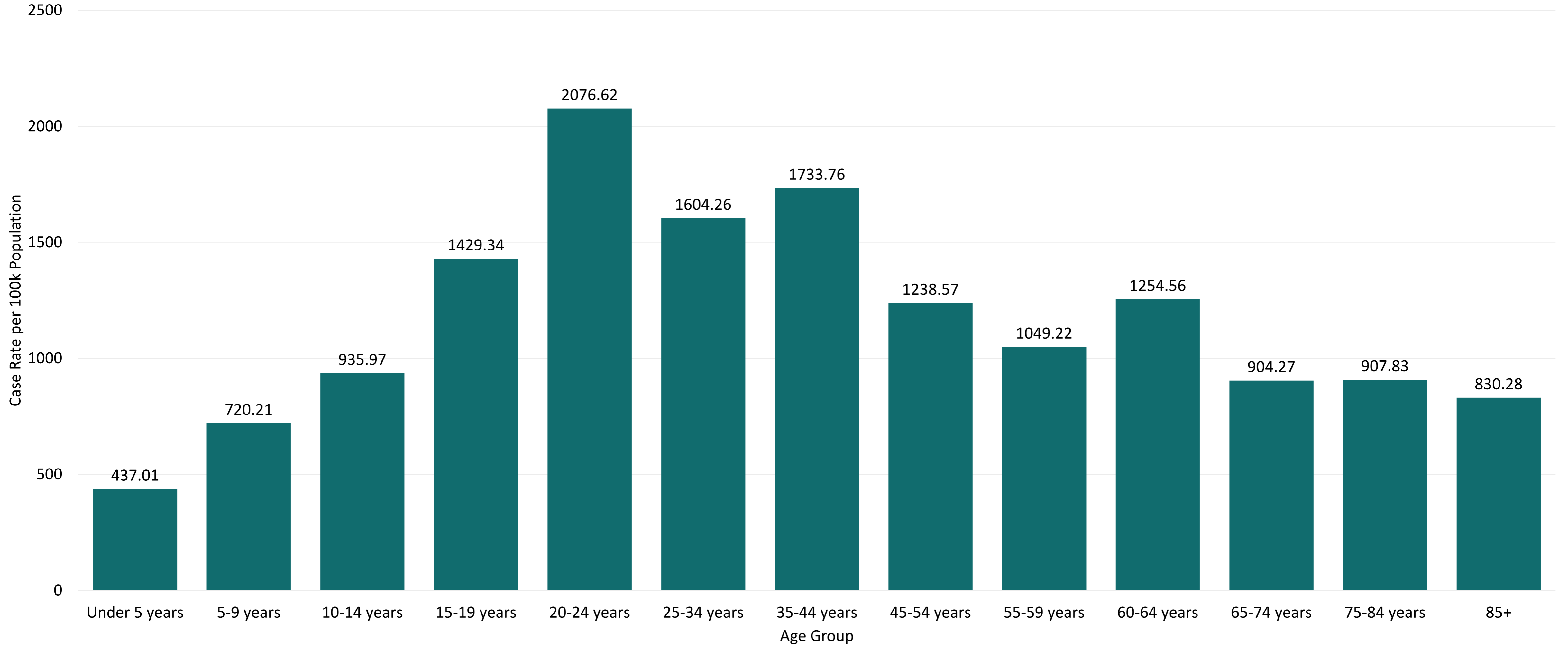
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MONTHLY CASE RATE BY AGE GROUP, AUGUST

COVID-19 Case Rate per 100k Population by Age Group, Eastern Jackson County, August, 2021



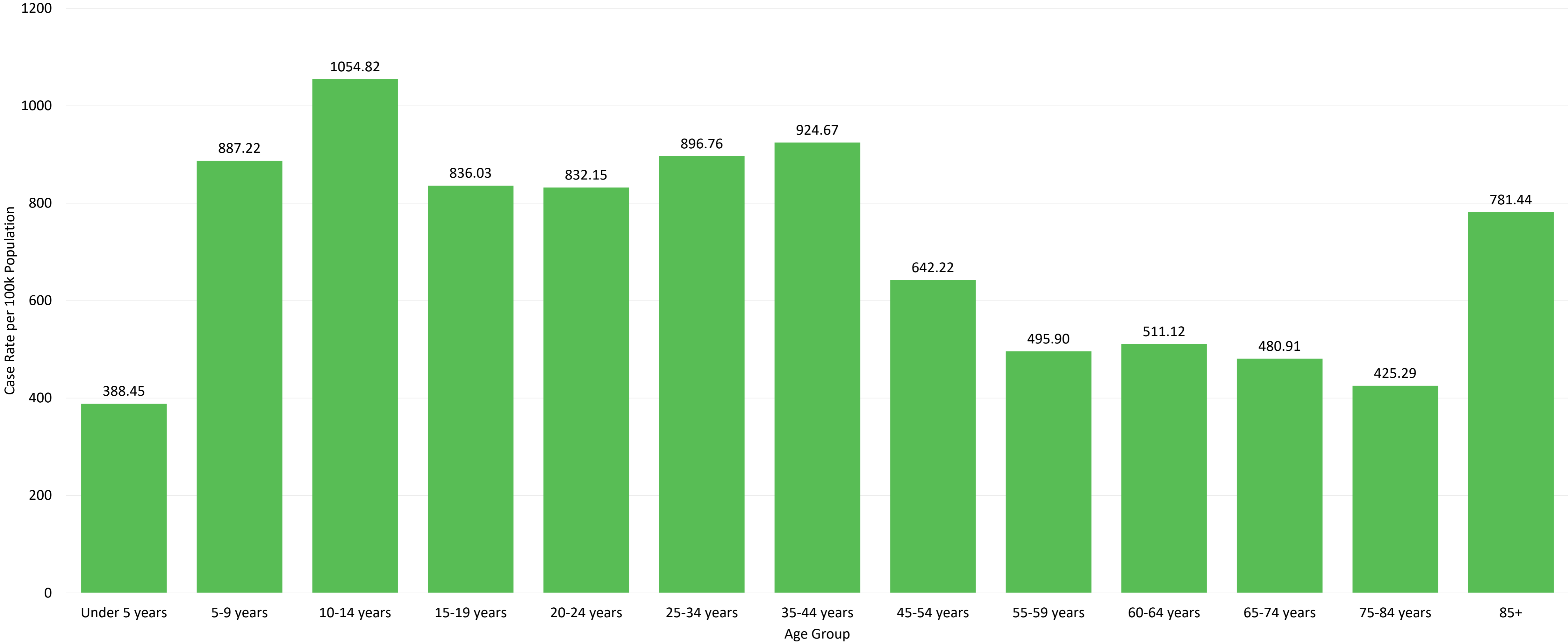
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MONTHLY CASE RATES BY AGE GROUP, SEPTEMBER

COVID-19 Case Rate per 100k Population by Age Group, Eastern Jackson County, September, 2021



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VACCINATIONS

Total Vaccinated (TOTAL POP)

% Initiated	53.23%
% Completed	47.26%

Total Vaccinated (ELIGIBLE)

% Initiated	65.35%
% Completed	58.03%

- The 10-14 age group had the highest gain in vaccine initiation followed by the 55-59 and 25-34 age groups.
- The 25-34 age group has the lowest vaccination completion percentage of all fully eligible age groups. This group continuously maintains among the highest case rates as well.
- As a population, vaccination rates are inadequate – falling well short of 70%.

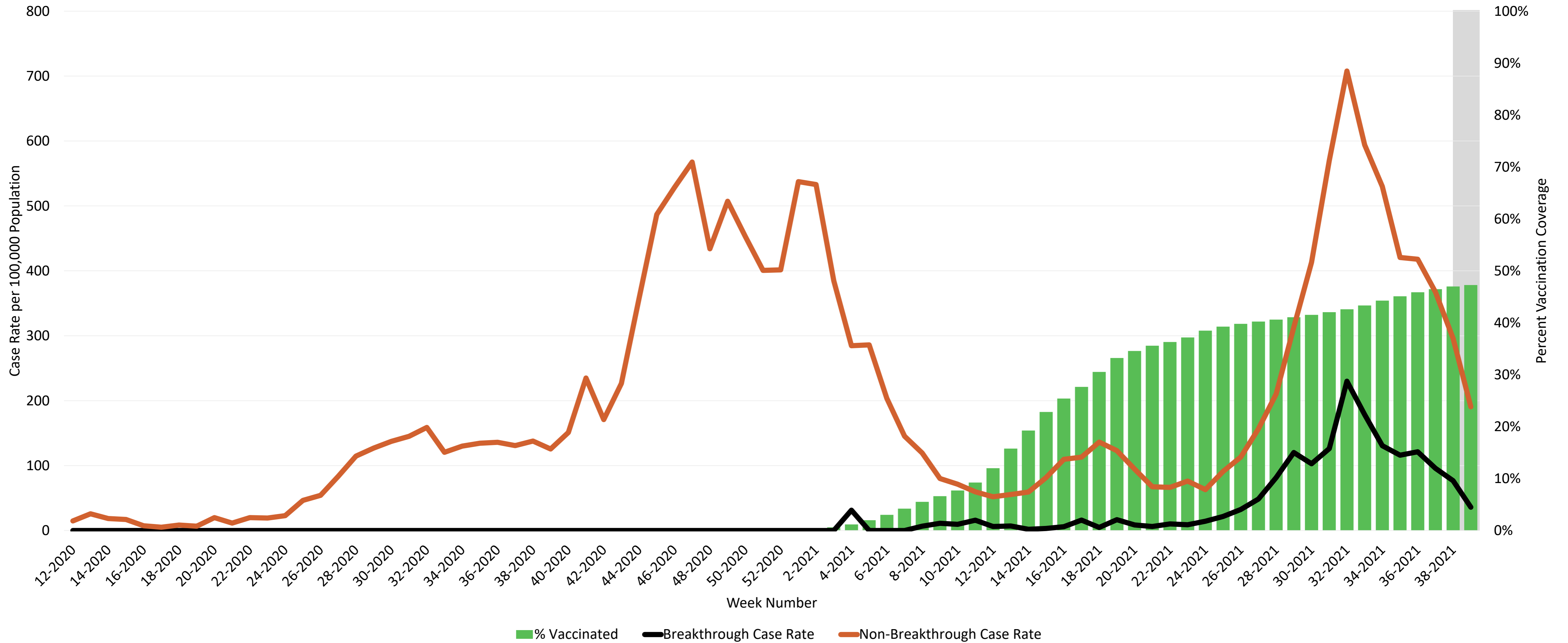
COVID-19 Vaccination Percentage Coverage by Age Group, EJC

Age Group	Initiated Vaccination Series		Completed Vaccination Series	
	Percentage	% Change	Percentage	% Change
Under 5 years	0.01%	0.00%	0.01%	0.00%
5-9 years	0.01%	0.00%	0.00%	0.00%
10-14 years	27.95%	2.29%	23.83%	2.27%
15-19 years	54.65%	0.96%	47.28%	1.13%
20-24 years	61.61%	1.04%	52.15%	1.40%
25-34 years	51.26%	1.55%	43.79%	1.54%
35-44 years	59.49%	0.80%	52.24%	0.92%
45-54 years	58.93%	1.20%	52.50%	1.14%
55-59 years	64.61%	1.93%	58.12%	1.92%
60-64 years	84.06%	0.19%	76.48%	0.07%
65-74 years	84.98%*	-1.59%*	78.46%*	-1.67%*
75-84 years	84.67%*	-4.54%*	77.62%*	-4.72%*
85+	95.29%*	-7.66%*	85.93%*	-7.40%*



CASE RATES BY VACCINATION STATUS

COVID-19 Vaccination Coverage Percentage and Case Rate per 100,000 Population by Week and Breakthrough Case Designation, Eastern Jackson County, 2020-2021



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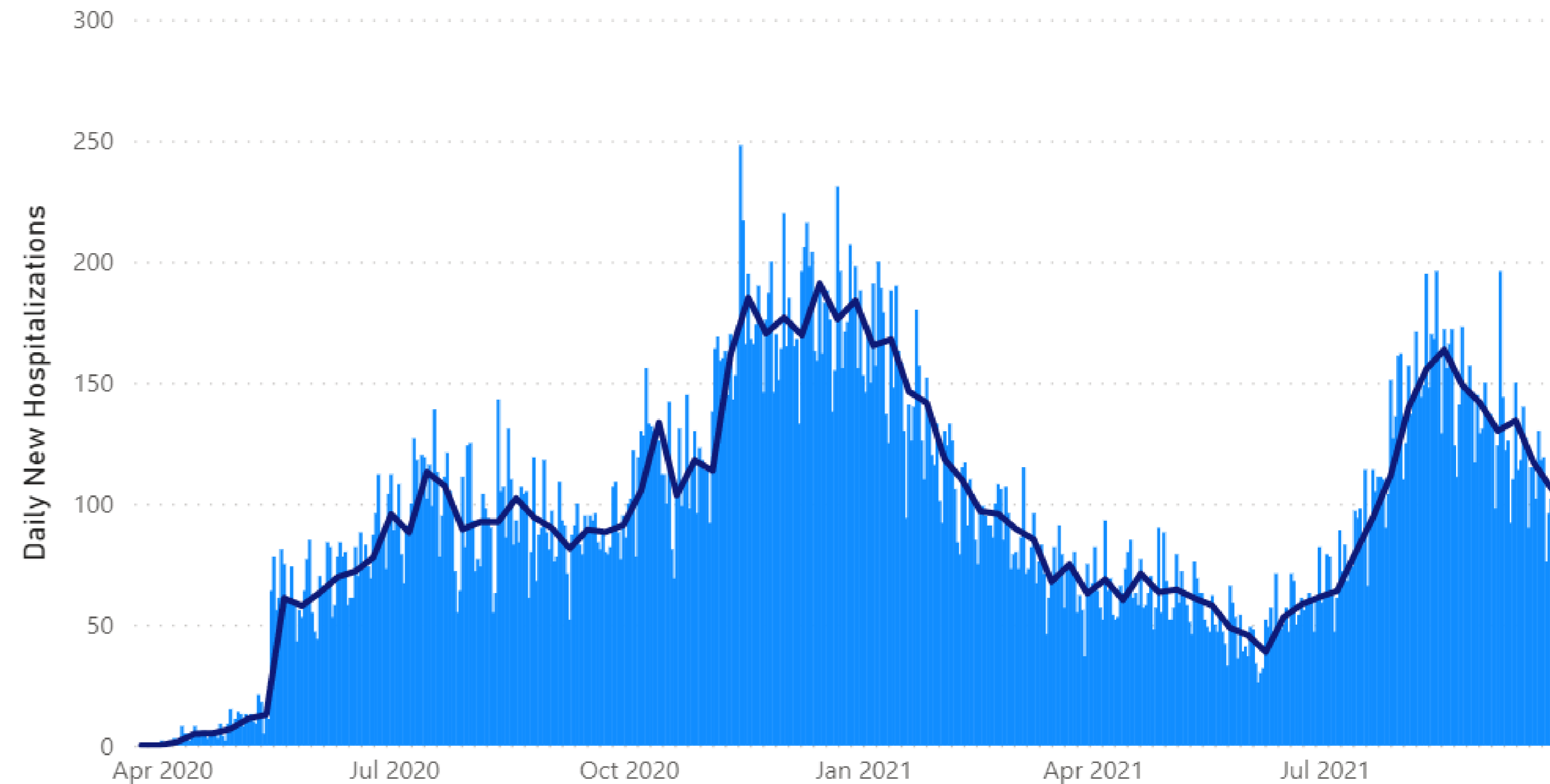


STRAIN ON THE HEALTH CARE SYSTEM

- Daily Average of New Hospitalizations for the MARC region declined, from 141 daily new hospitalizations on 8/25 to 102 on 9/24.
- Per the HCC Metro Report on September 27, 2021, 8 of 23 (34.8%) hospitals reported an anticipated shortage in staffing in the next week. This is similar to the previous week at 8 of 27 (29.6%) (9-17).
- While Daily New COVID Hospitalizations are decreasing, hospital capacity remains strained. A bed poll conducted the week of 9/20-9/24 for 26 regional health care systems found 14 staffed adult non-ICU beds available and 5 staffed adult ICU beds available in the region.
- The overwhelming majority of hospitalizations are from the unvaccinated.

New Hospitalizations 7-day rolling average trend line* and daily bars for single jurisdiction

● Daily New Hospitalizations ● Daily Average New Hospitalizations*



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Source: <https://marc2.org/covidhub/>

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“You’re running between heart attacks, strokes, major traumas. We’re just trying to see people wherever we can. We have less nurses to work with, less staffing to work with, but yet we’ve got an extra load of COVID patients. [Marshall urges people who are able to get vaccinated and wear a mask.]”

**Dr. Kenneth Marshall
Associate Professor, Vice Chair of Clinical Operations
Department of Emergency Medicine
University of Kansas Health System**

Accessed 9/30/2021 via Fox 4 Kansas City – Regan Porter

<https://fox4kc.com/tracking-coronavirus/get-an-inside-look-at-one-kansas-city-area-hospital-as-covid-patients-stress-staff-to-max/>



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Photo Source: Houston Chronicle

Mitigating the Current Trend



Community Mitigation Strategies

“As communities adjust mitigation strategies, they should ensure that the healthcare system capacity will not be exceeded. Communities need to assure healthcare systems have adequate staffing, a surplus of inpatient and ICU beds, and critical medical equipment and supplies such as PPE.”

- Vaccination
- Testing
- Contact Tracing
- Isolation & Quarantine
- Social Distancing & Gathering Limits
- Mask Wearing
- Healthy Behaviors (Hygiene)



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IMPORTANCE OF MASKING

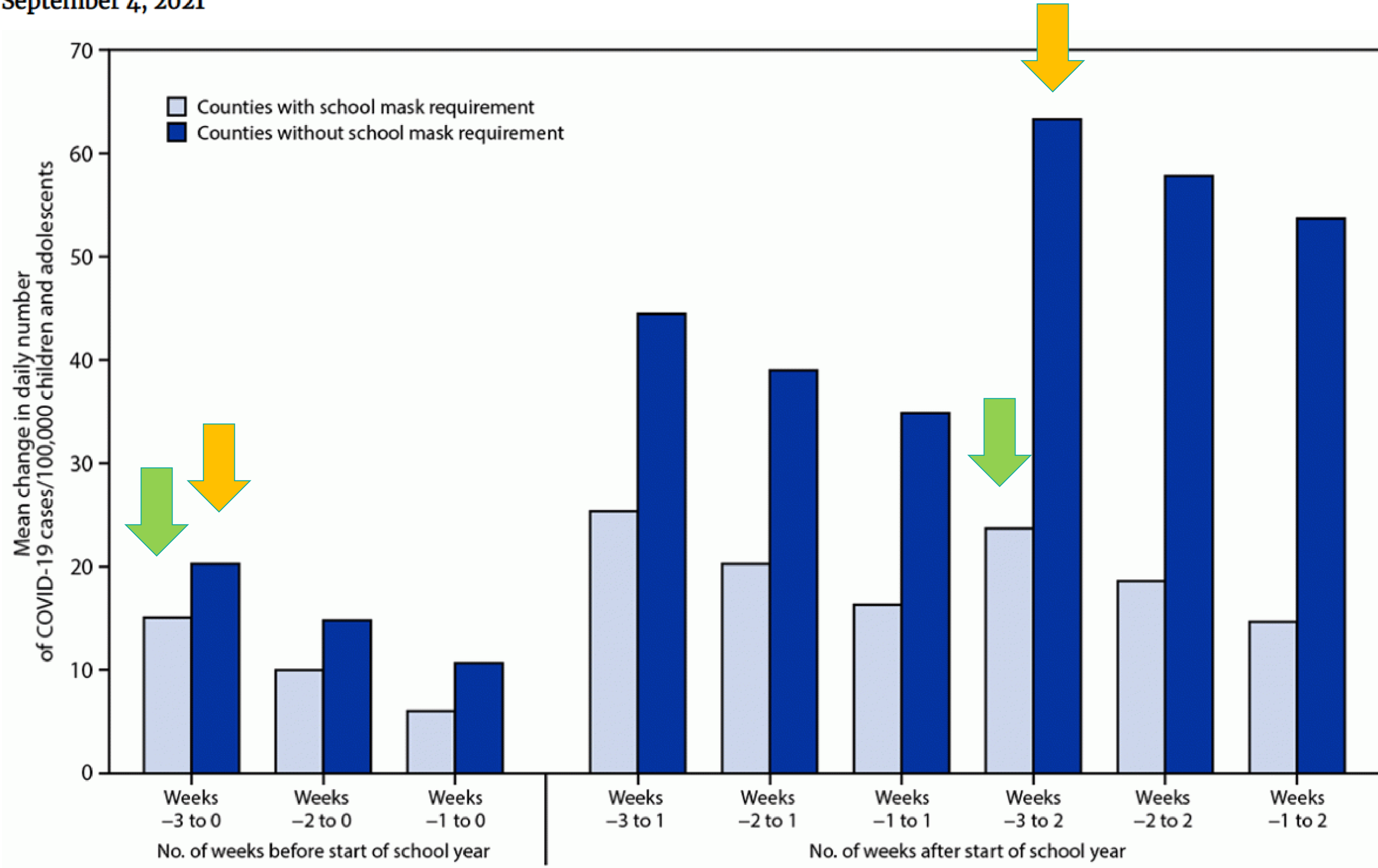
- The odds of a school-associated COVID-19 outbreak in schools without a mask requirement were 3.5 times higher than those in schools with an early mask requirement (OR = 3.5; 95% CI = 1.8 – 6.9).
 - CDC MMWR – 10/1/21 - https://www.cdc.gov/mmwr/volumes/70/wr/mm7039e1.htm?s_cid=mm7039e1_w
- Compared with only masked exposure, close contacts with any unmasked exposure had higher adjusted odds of a positive test. Each additional exposure was associated with a 40% increase in odds of a positive test.
 - CDC MMWR – 9/10/21 - https://www.cdc.gov/mmwr/volumes/70/wr/mm7036a3.htm?s_cid=mm7036a3_w
- Counties without school mask requirements experienced larger increases in pediatric COVID-19 case rates after the start of school compared with counties that had school mask requirements (p<0.001).
 - CDC MMWR – 10/1/21 - https://www.cdc.gov/mmwr/volumes/70/wr/mm7039e3.htm?s_cid=mm7039e3_w

“The schools that are universally masking are less likely to have COVID-19 outbreaks than schools that aren’t. This means they have fewer children in quarantine and are less likely to have to go to remote learning and less likely to have students and staff become ill with COVID-19 and spread it to their families. When schools universally mask, there are fewer children with COVID-19 in those areas, meaning that less children get severely ill and have to be hospitalized.”

Dr. Jennifer Schuster
Infectious Disease Physician
Children’s Mercy
September 30, 2021



FIGURE. Mean county-level change in daily number of COVID-19 cases per 100,000 children and adolescents aged <18 years in counties (N = 520) with and without school mask requirements* before and after the start of the 2021–22 school year — United States, July 1–September 4, 2021



Moving Forward & Recommendations



JACKSON COUNTY HEALTH DEPARTMENT



RECOMMENDATIONS

The Jackson County Health Department strongly supports a 30 day extension of the Order requiring masks, regardless of vaccination status, in all indoor places within Eastern Jackson County. This continued action is necessary to provide relief to local hospitals and to continue to decrease the curve of the Kansas City Metropolitan's latest COVID-19 surge.

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