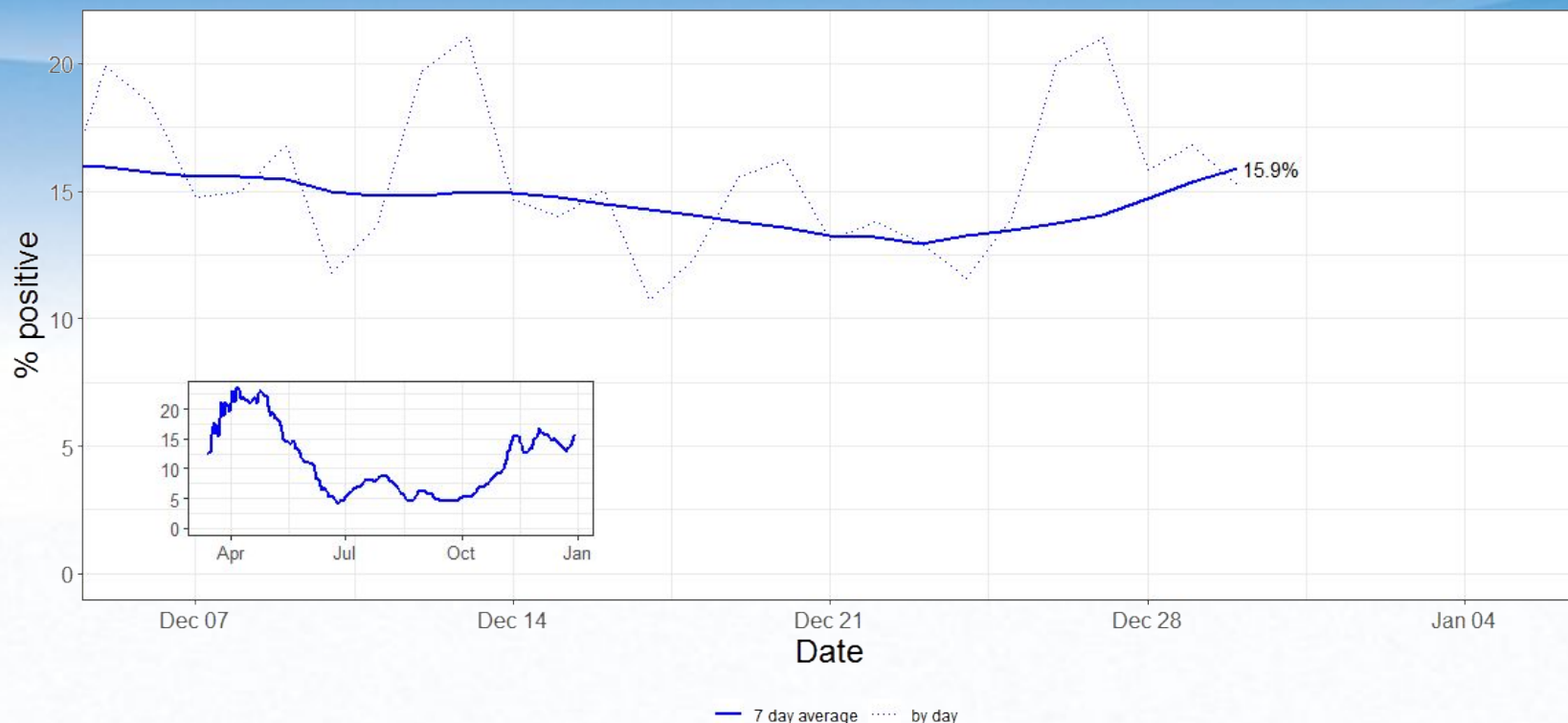


COVID-19 Trends In Marion County

Virginia A. Caine, MD
Director and Chief Medical Officer
Marion County Public Health Department

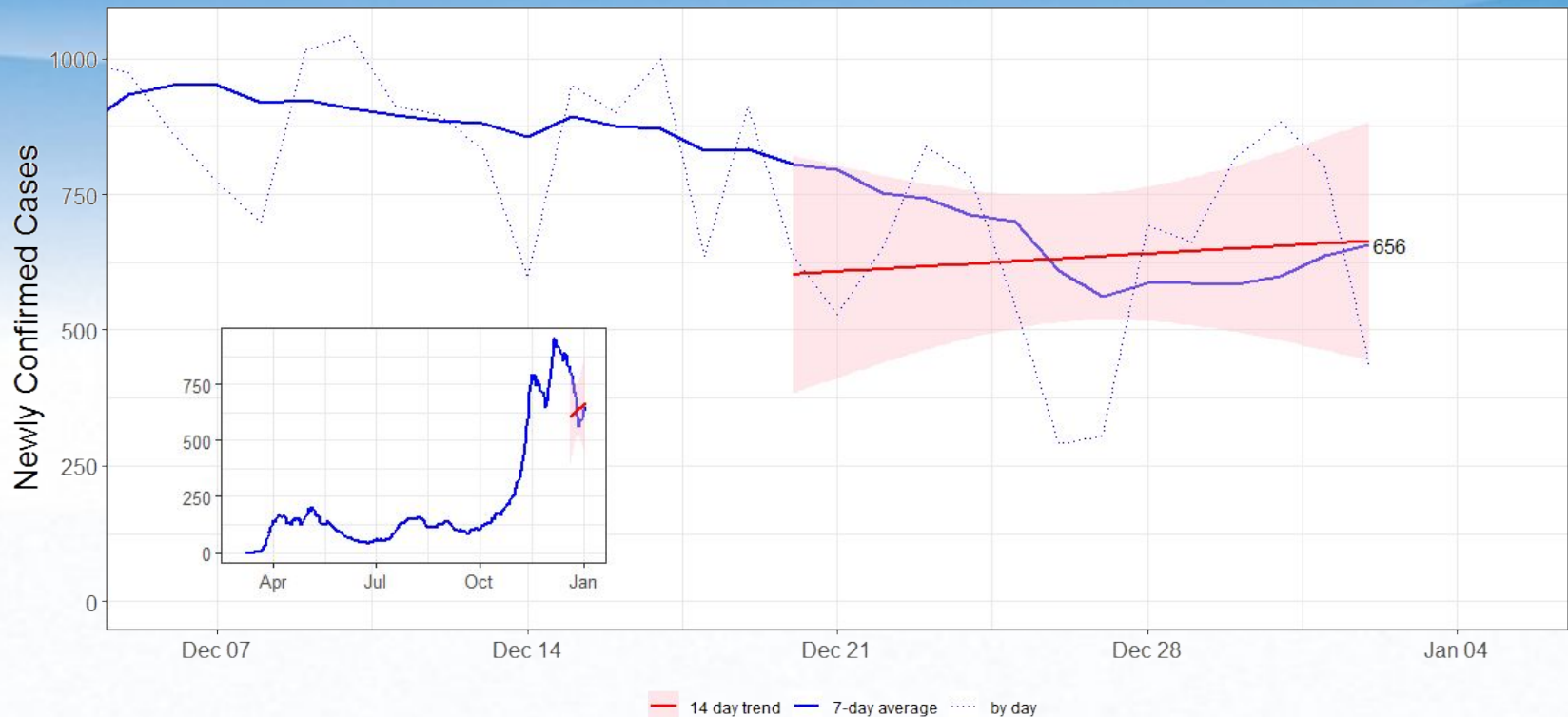


Percent of COVID-19 tests that were positive Marion County, Dec 6 - Dec 30 2020



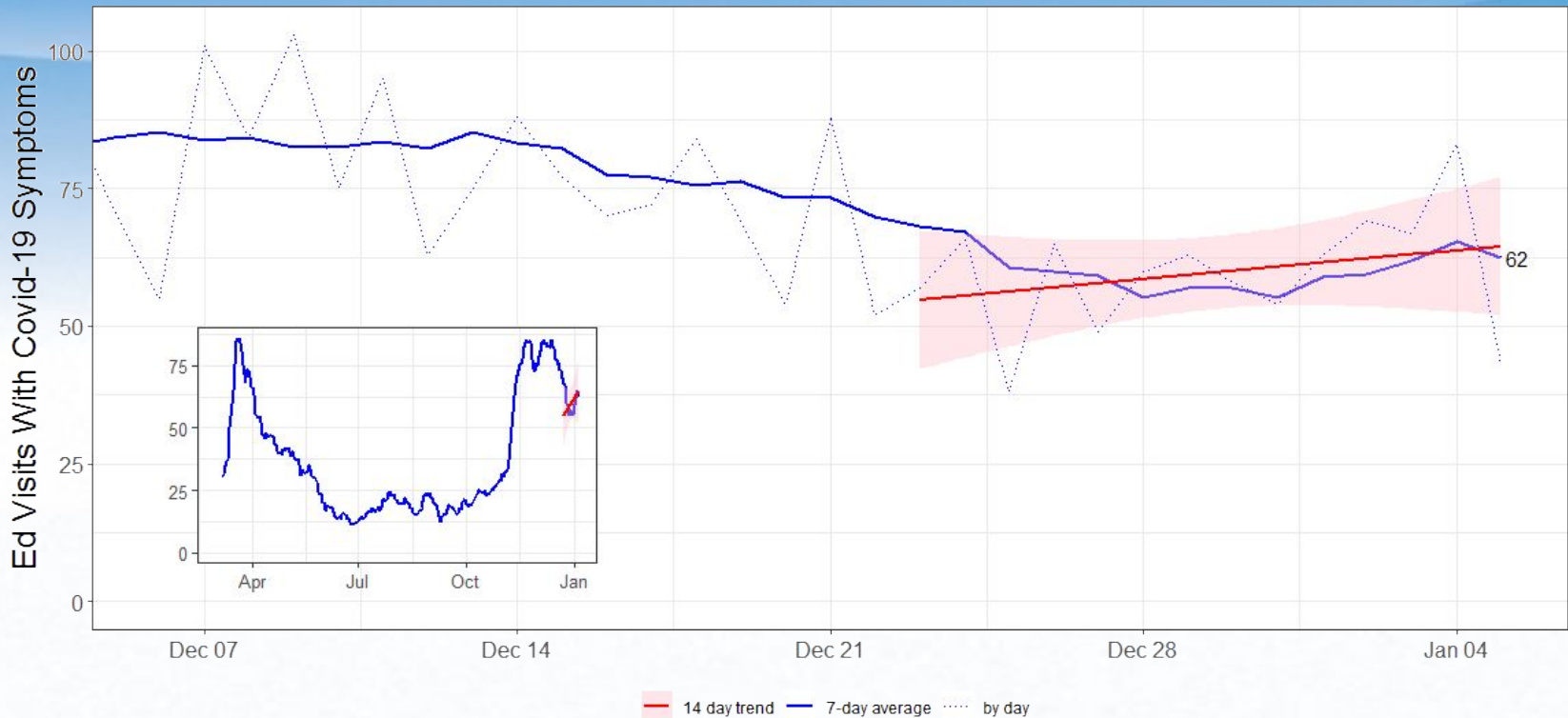
DR4634 Joe Gibson MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06
Data Source: Indiana MPH Data Hub (<https://hub.mph.in.gov/dataset/covid-19-county-wide-test-case-and-death-trends>)

Newly Confirmed Cases Marion County, Dec 6 2020 - Jan 2 2021



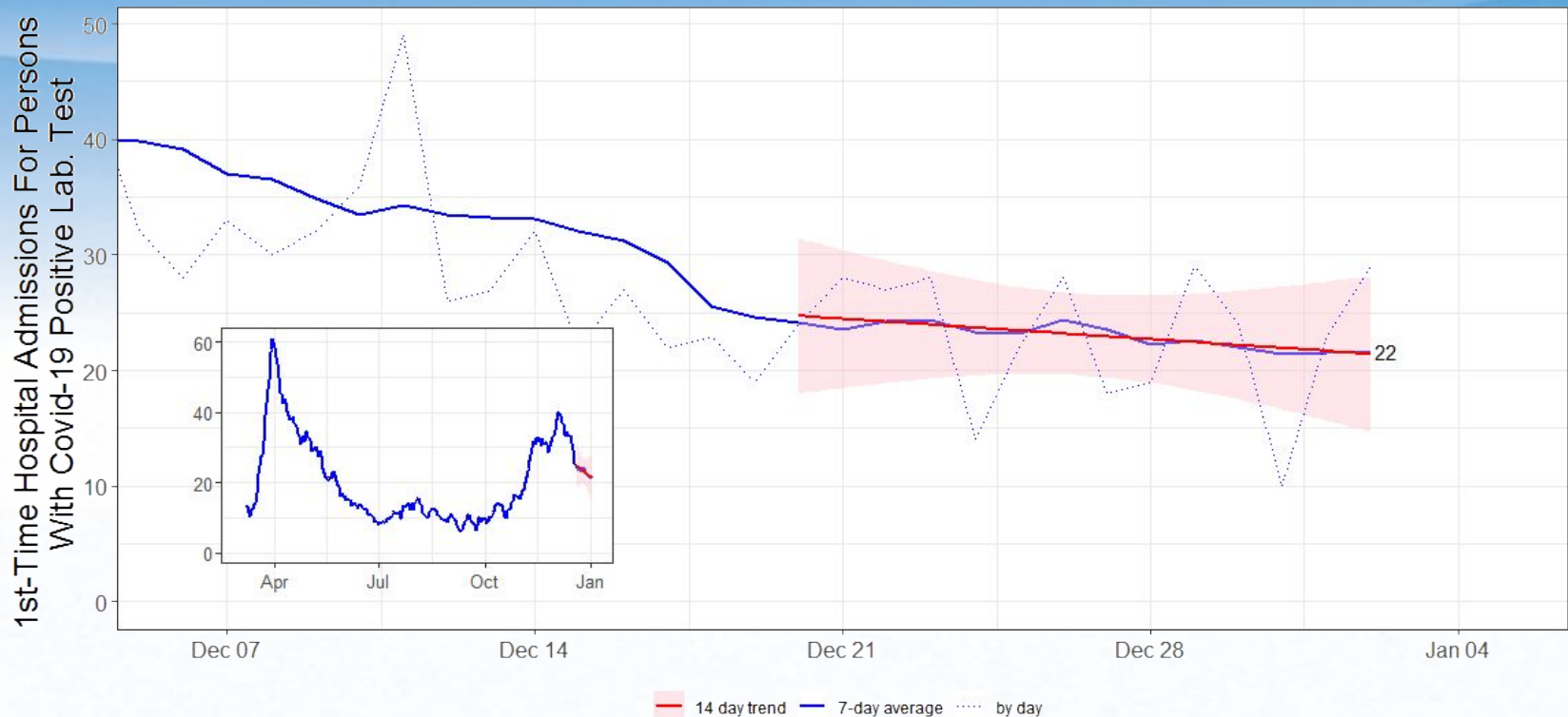
DR4478 Joe Gibson MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06
Data Source: ISDH (<https://www.coronavirus.in.gov/>)

ED Visits with COVID-19 Symptoms Marion County, Dec 6 2020 - Jan 5 2021



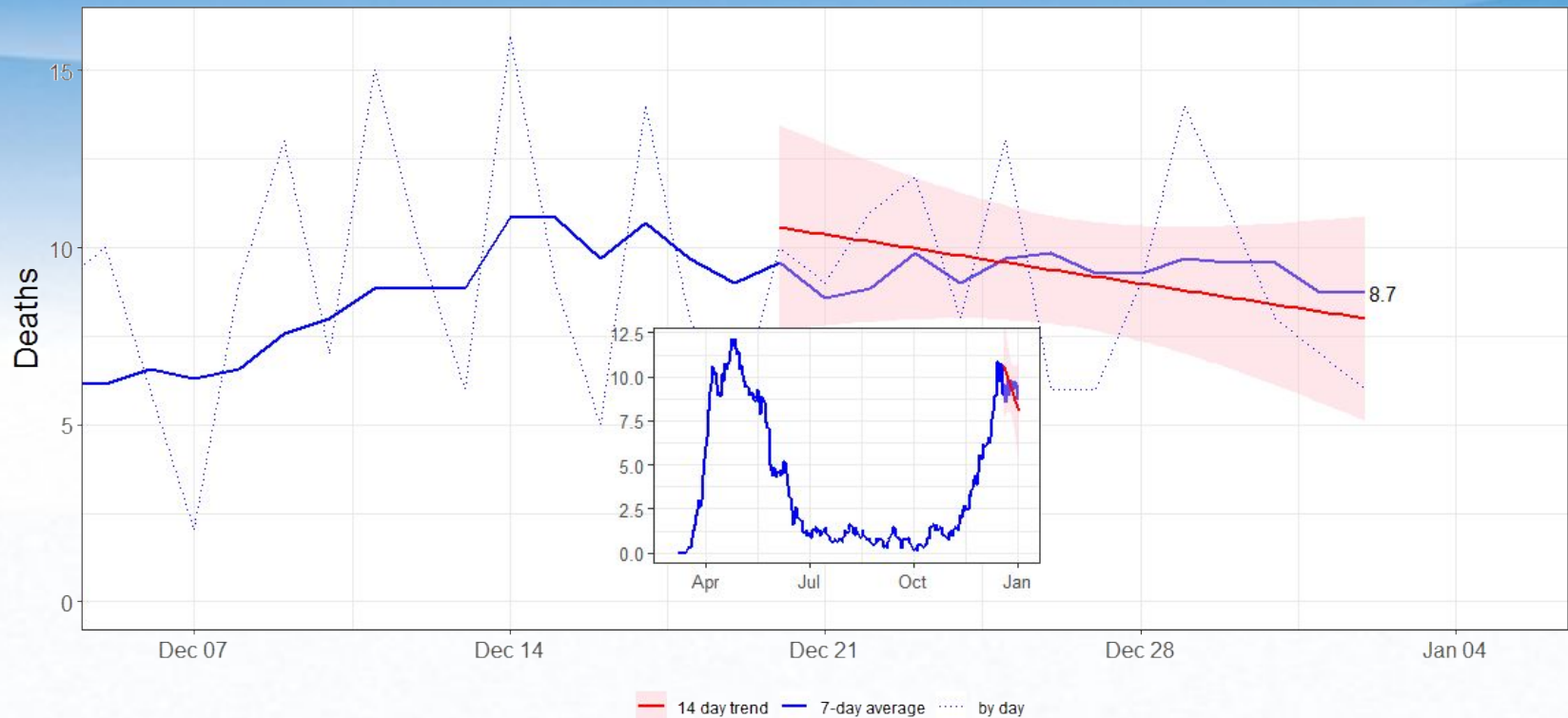
DR4478 Joe Gibson MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06
Data Source: US ESSENCE ED data

1st-time Hospital Admissions for Persons with COVID-19 Positive Lab. Test Marion County, Dec 6 2020 - Jan 2 2021



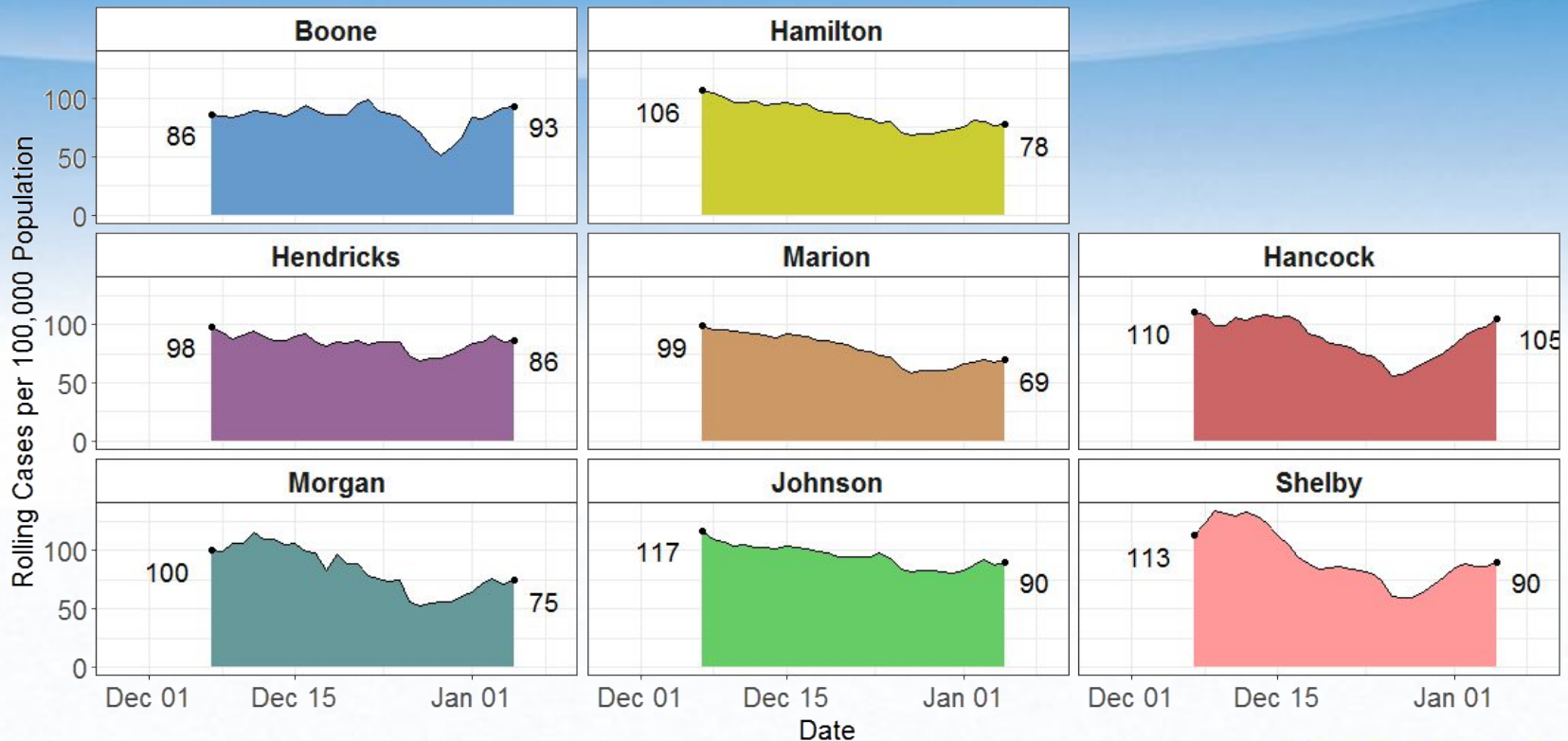
DR4478 Joe Gibson MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06
Data Source: Regenstrief COVID_19 Tracker

Deaths Marion County, Dec 6 2020 - Jan 2 2021



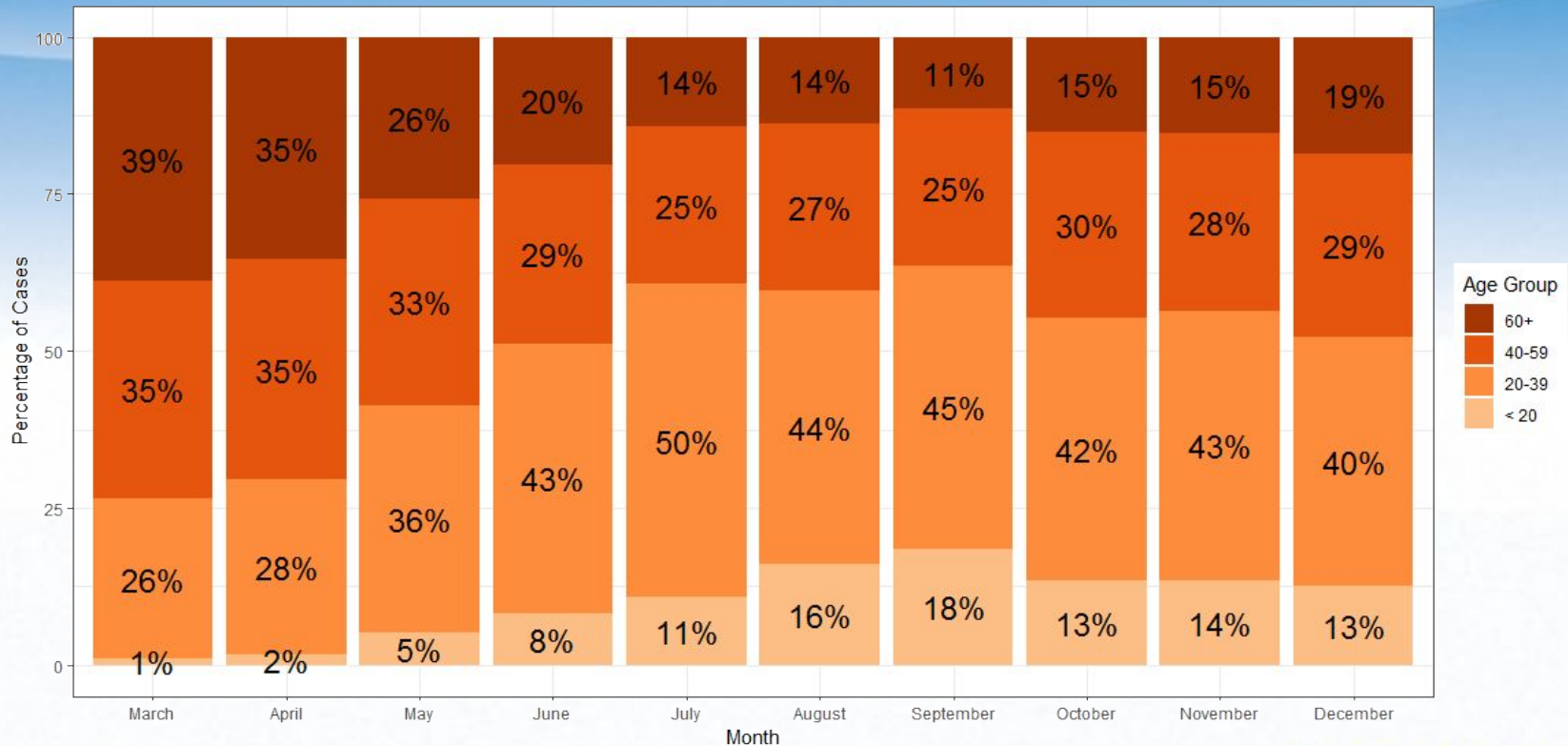
DR4478 Joe Gibson MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06
Data Source: ISDH (<https://www.coronavirus.in.gov/>)

New Cases per 100,000 resident Central Indiana Counties, Dec 7 2020 - Jan 5 2021



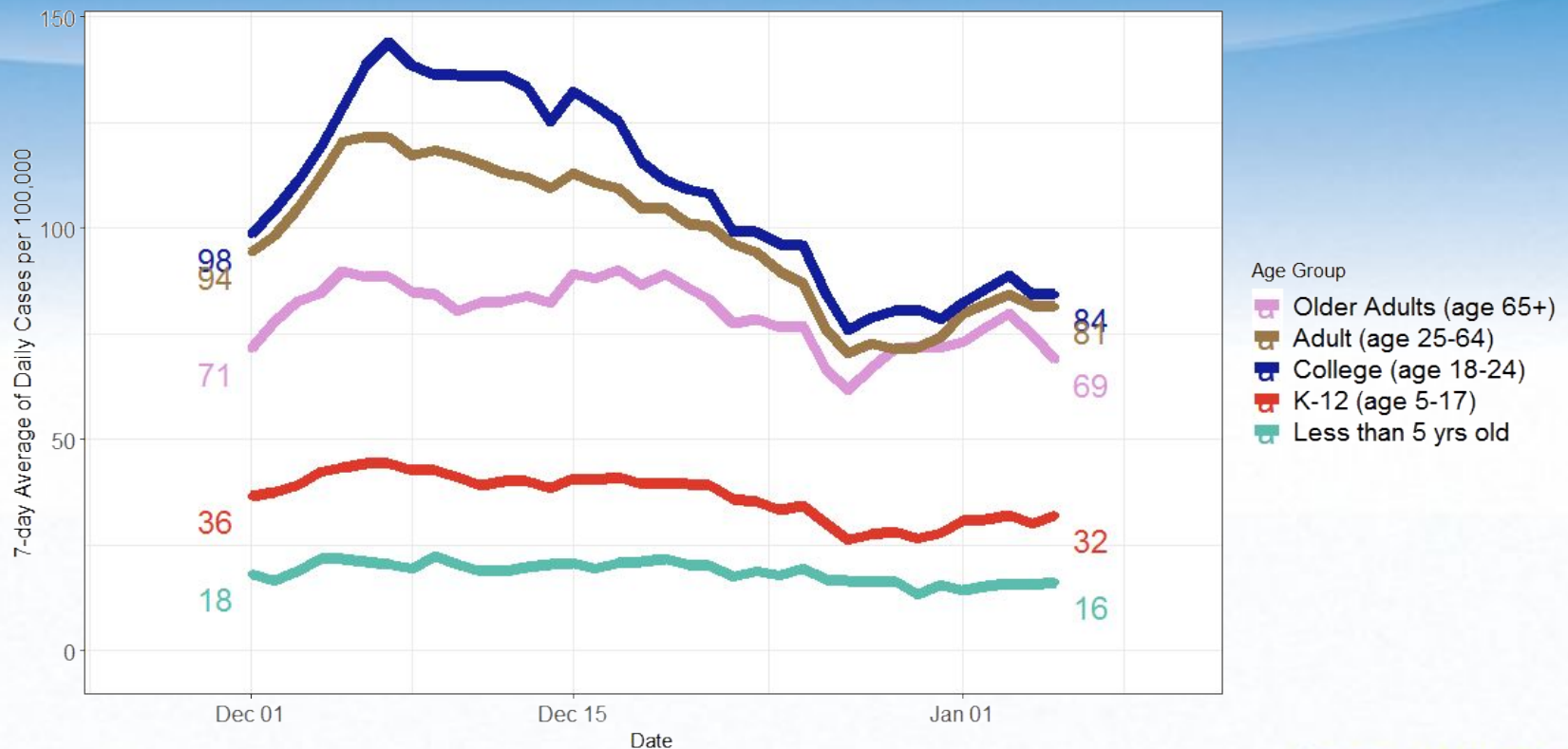
DR4581 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06 Data Source: Indiana Department of Health - MPH

Age Distribution of confirmed COVID-19 cases by month, Marion County, Indiana, Mar 1 - Dec 30 2020



DR4623 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06 Data Source: Master Case List

New Cases per 100,000 Residents by School Ages, Marion County, Indiana, Dec 1 2020 - Jan 5 2021



DR4731 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2021-01-06 Data Source: Master Case List

School Positivity Risk Zones

School's case positivity rate	Level
less than or equal to 25% of the community rate	Green
greater than 25% but less than or equal to 75% of the community rate	Yellow
greater than 75% but less than or equal to 100% of the community rate	Orange
greater than the community rate	Red

School Case Positivity Rate: $\frac{\# \text{ Cases}}{\# \text{ Students} + \text{ Staff}}$

Community Case Positivity Rate: $\frac{\# \text{ Cases}}{\# \text{ Residents}}$

MCPHD Response Activity

Level	MCPHD response activity
Green	Continue to monitor
Yellow	Continue to monitor
Orange	Work with school to prevent further increase
Red	Work with school to decrease incidence

New PHO

All schools must report COVID-19 positive cases, for both staff and students, to the Marion County Health Department within 24 hours of learning of a positive case. The report must indicate whether the student or staff was attending school in-person or virtually.

Calculation of Positivity Rate: Example

Conditions

- A. A school has **25 staff and 275 students** who attend in-person
- B. In the past 2 weeks, that school had **2 cases** among those 300 people
- C. The Marion County **community rate is 89** cases daily per 100,000 residents

Calculation

1. Compute raw rate:
2 cases / 300 students and staff = **1 case /150 persons**
2. Standardize the rate:
 $(1 / 150) \times 100,000 / 14 \text{ days} = \text{daily avg. } **47.6 cases / 100,000 students and staff**$
3. Compute as % of the standardized community rate:
47.6 school rate / 89 community rate = school rate is 53.4% of community rate
4. Compare to the risk table
53.4% is between 25% and 75%, so that school would be in the **yellow** zone.

MCPHD TO LAUNCH VACCINE CLINICS

- Eligible recipients are individuals age 80 and older
- Licensed and unlicensed healthcare workers and first responders
- Appointments only can be scheduled beginning Friday, January 8 at 9 am
- <https://ourshot.in.gov>



MCPHD Vaccine Clinic Hours

Monday, Wednesday & Friday: 8am-5pm

Tuesday & Thursday: 10am-7pm

Saturday: 9am-1pm