

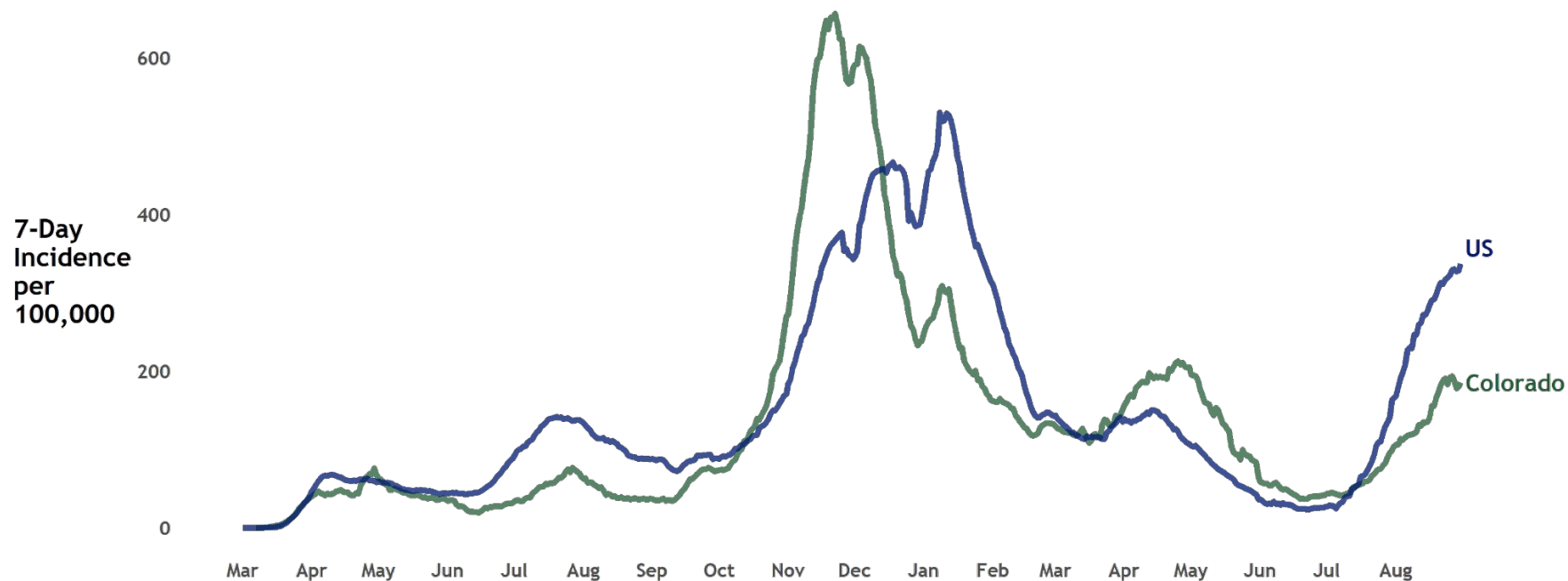
August 31, 2021 - CASB/CASE COVID-19 in Children

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Colorado Department of Public Health & Environment

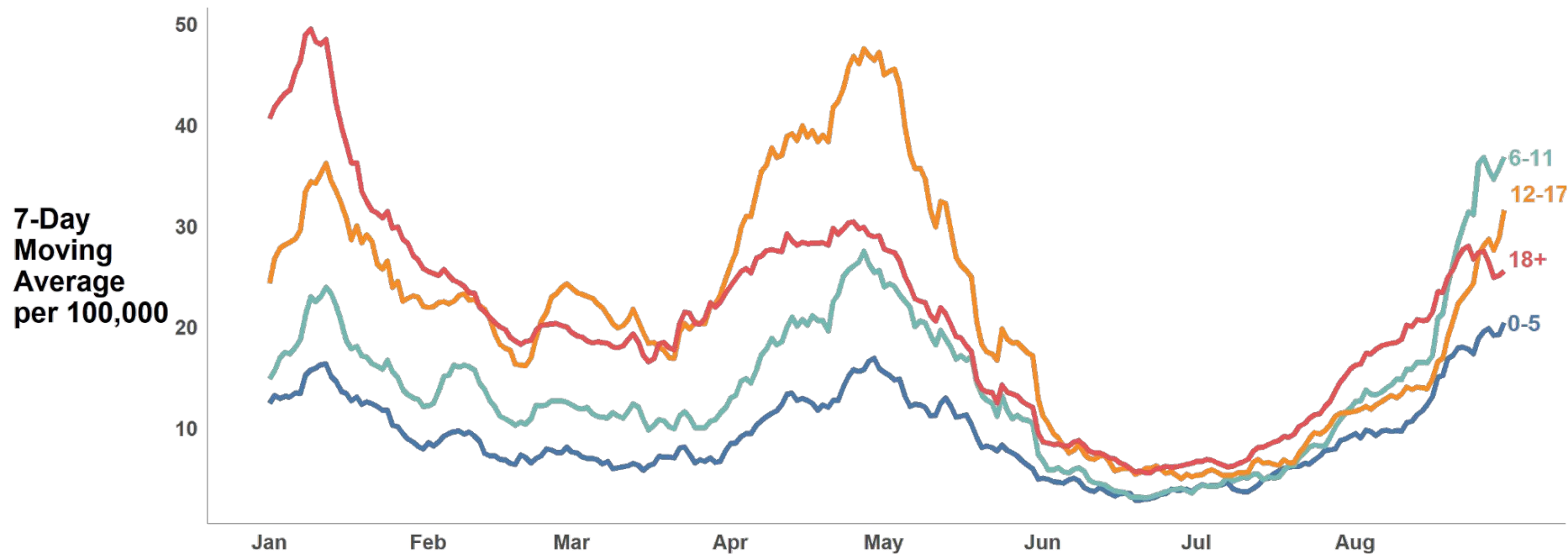


7-DAY INCIDENCE PER 100,000



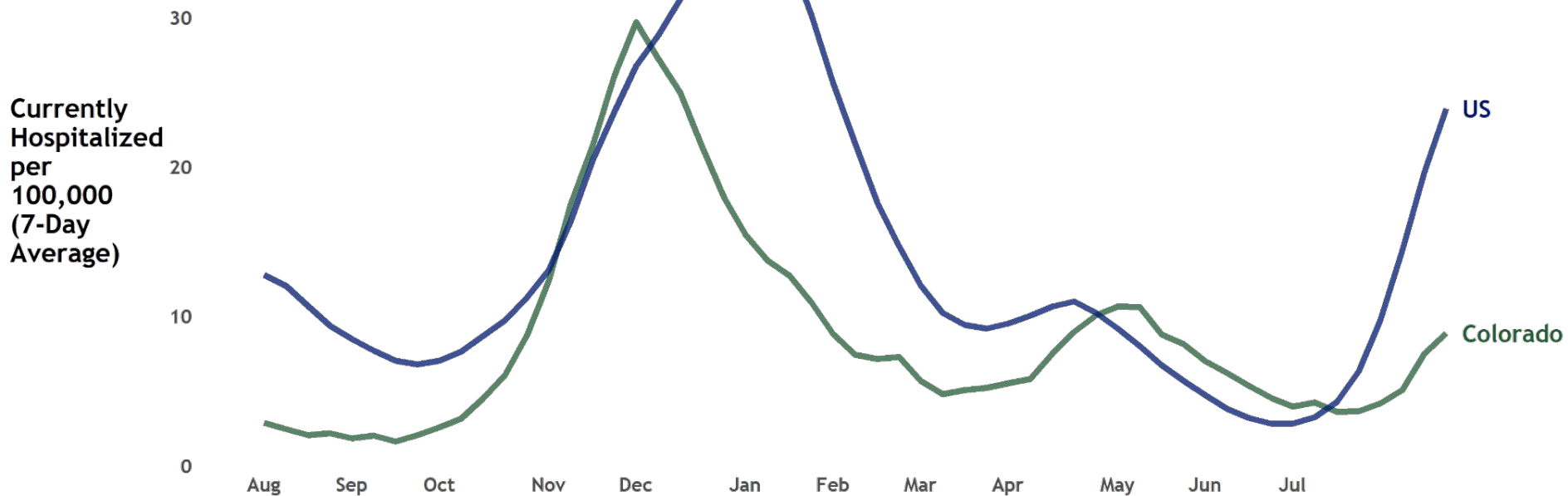
Source for US data: Johns Hopkins University, updated Aug 31, 2021

7-DAY CASE RATE BY AGE GROUP PER 100,000



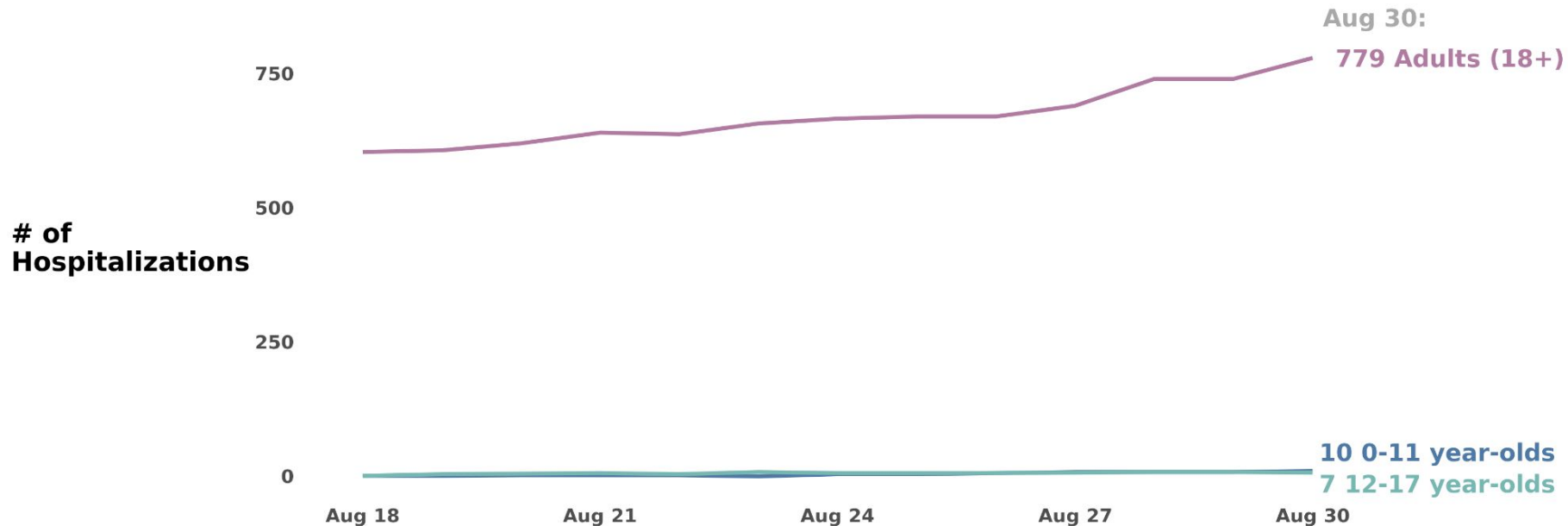
Updated Aug 31, 2021

HOSPITALIZATIONS PER 100,000



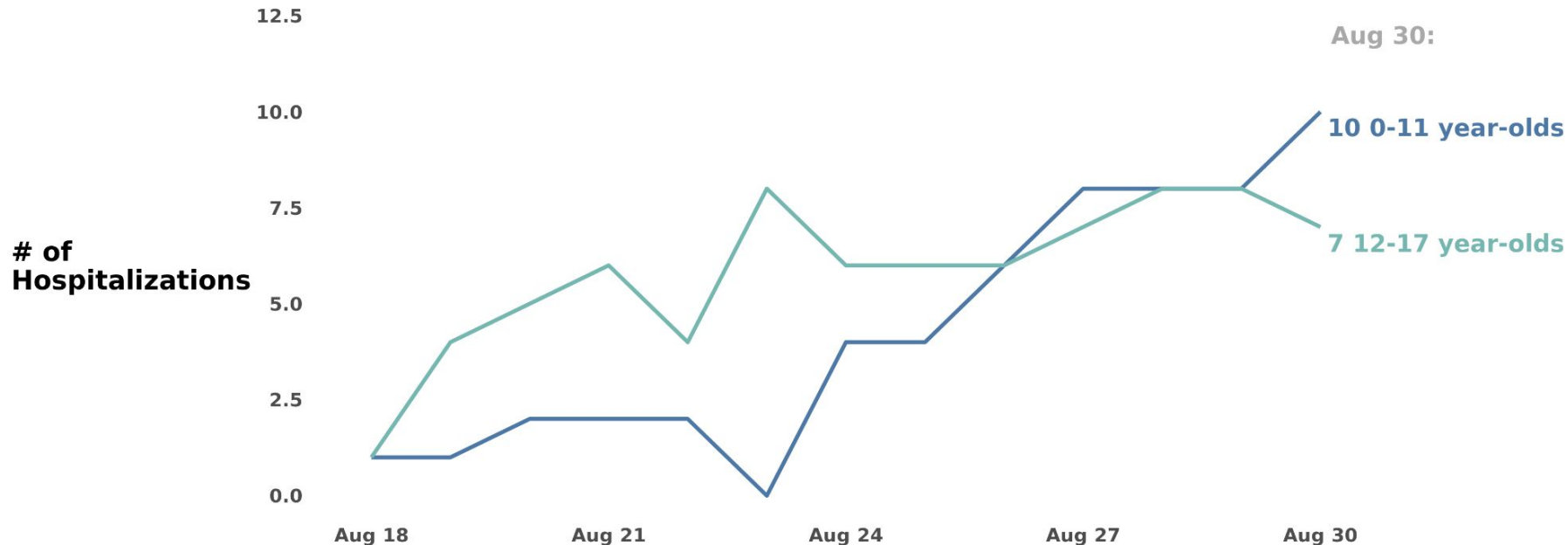
Source: US Dept. of Health and Human Services. Updated Aug 31, 2021

Number Currently Hospitalized by Age Group



Hospitals began reporting current pediatric hospitalizations on August 18, 2021.

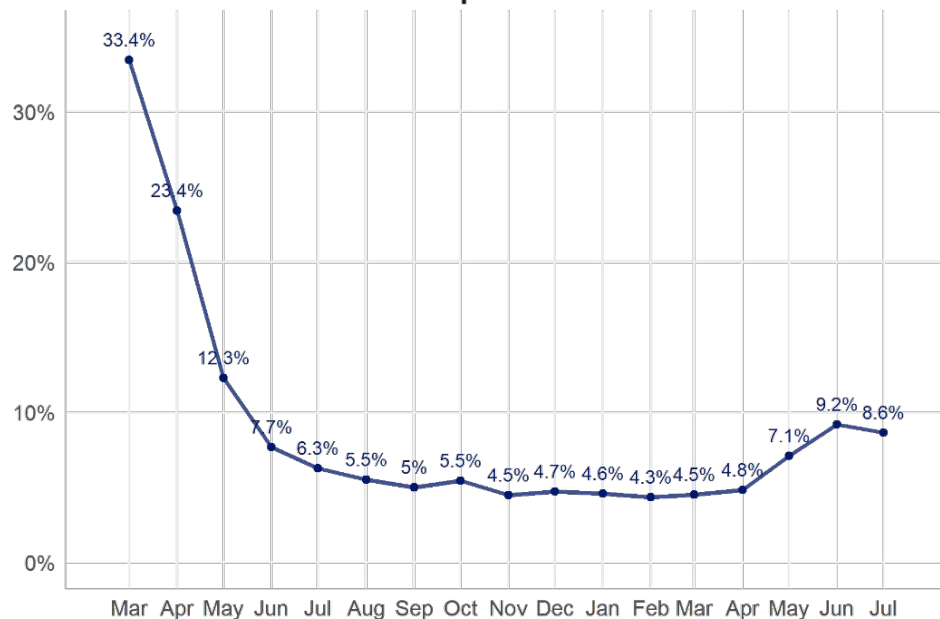
Number Currently Hospitalized by Pediatric Age Group



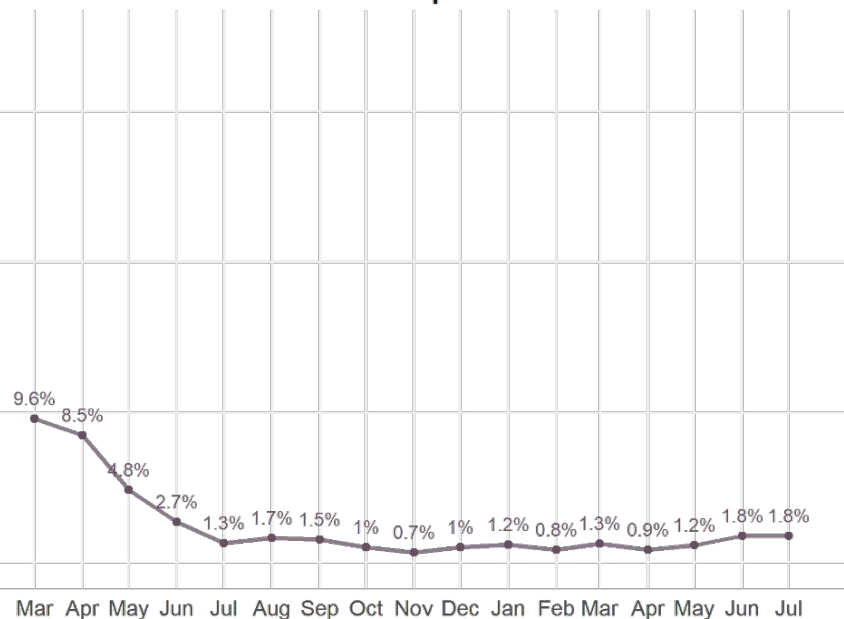
Hospitals began reporting current pediatric hospitalizations on August 18, 2021.

Proportion of Cases Hospitalized, All Cases and Pediatric Cases

Case Hospitalization Rate

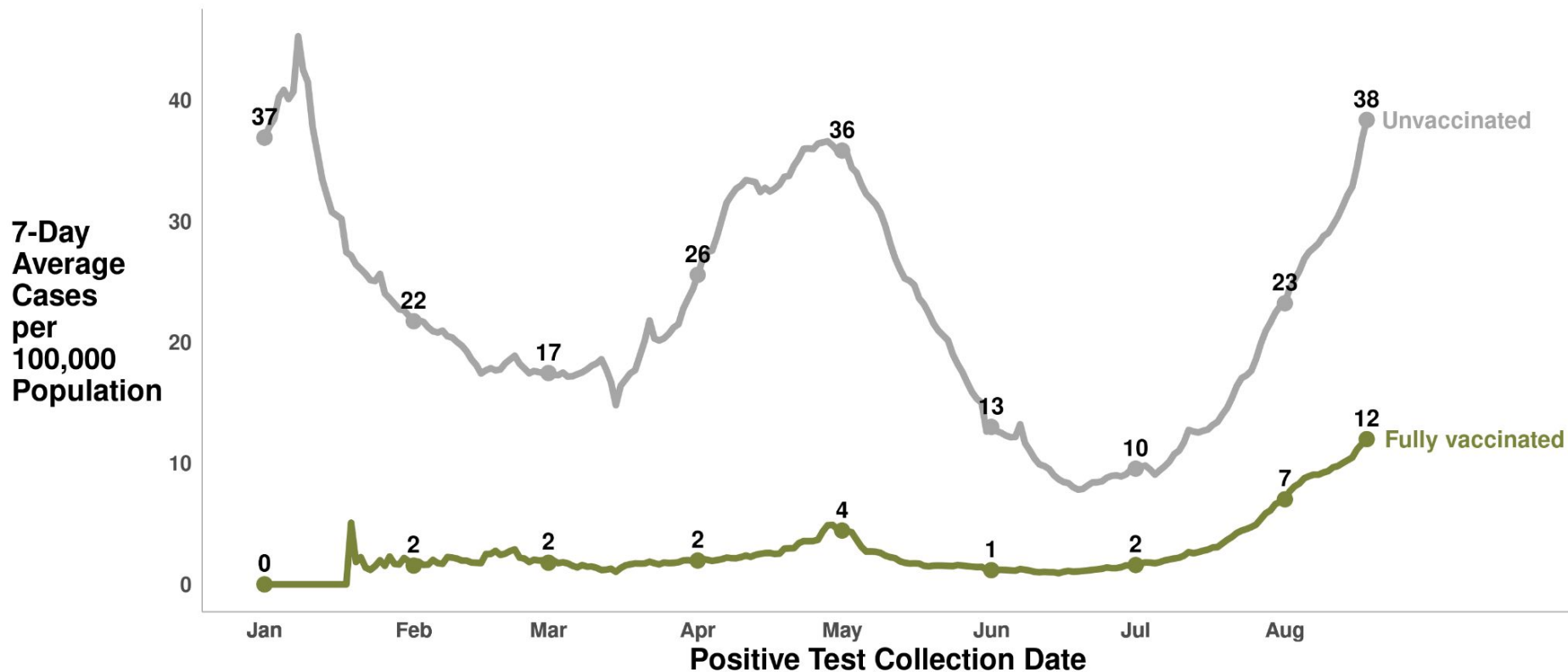


Pediatric Case Hospitalization Rate

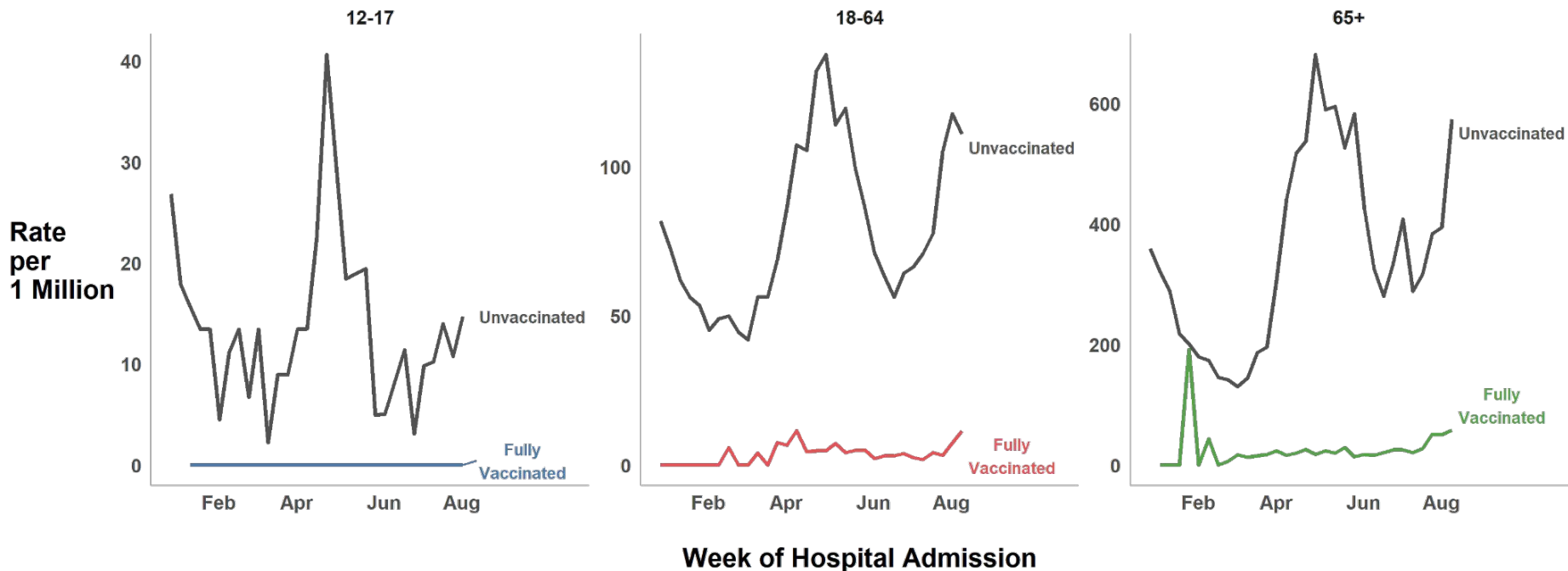


Month

COVID-19 Case Rate by Vaccination Status



COVID-19 Hospitalization Rate by Age Group and Vaccination Status

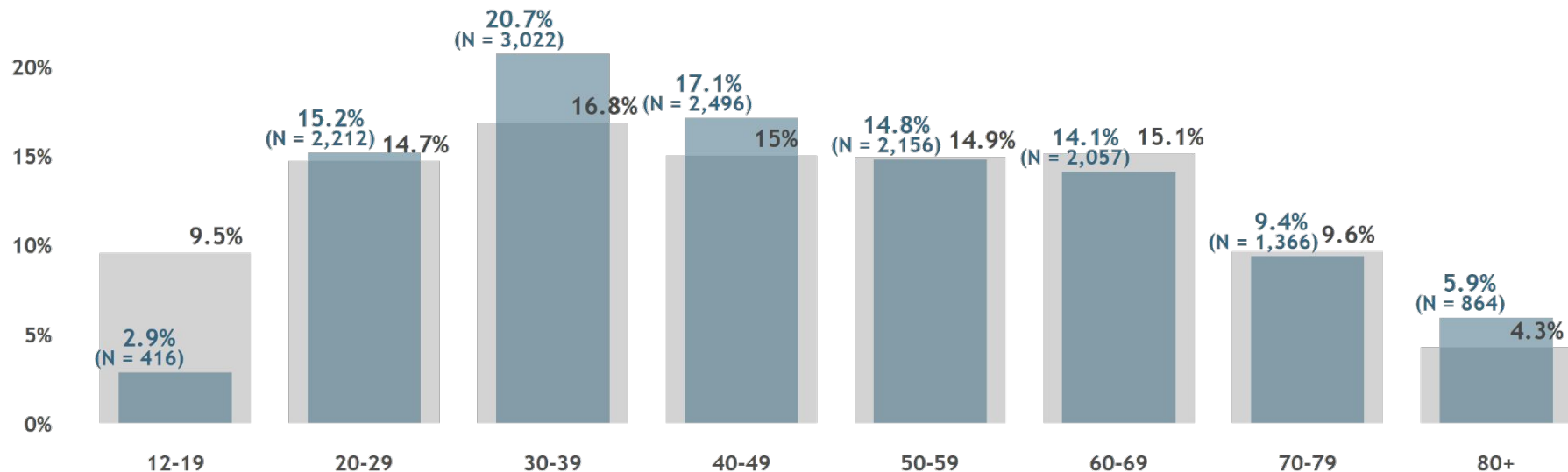


Updated Aug 30 2021. Includes admissions through the week ending Aug 14. 'Unvaccinated' may include partially vaccinated individuals.

Vaccine Breakthrough Cases by Age Group

Age Group Distribution Among Vaccine Breakthrough Cases vs. Vaccinated Coloradans

Cumulative Breakthrough Cases

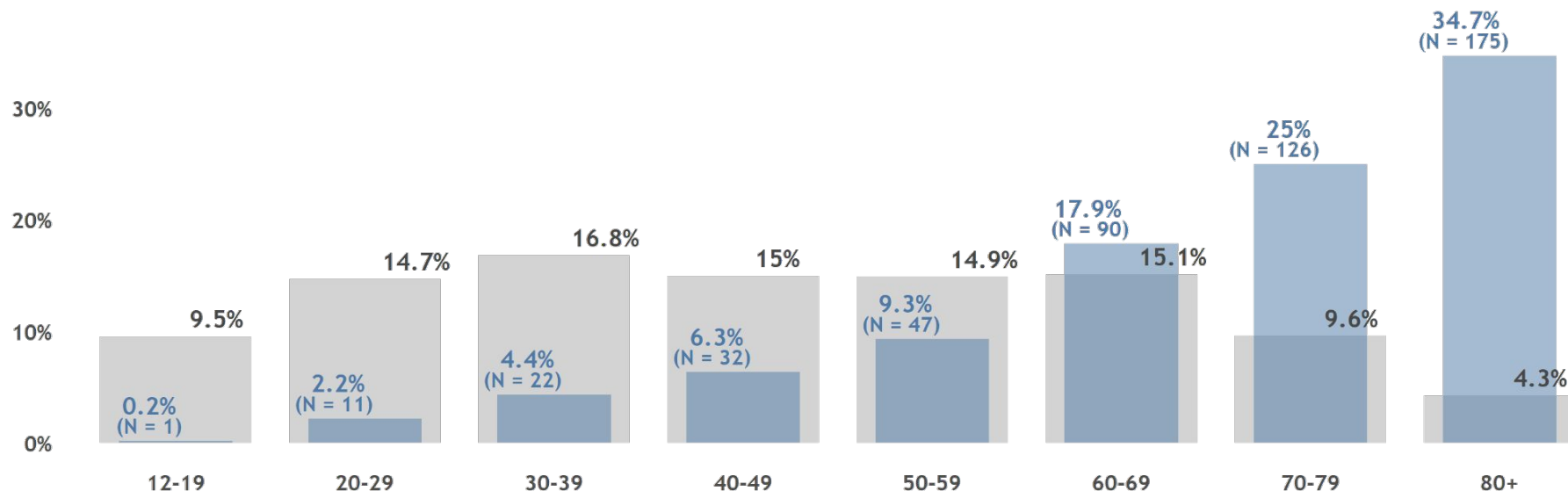


Updated Aug 30, 2021. Includes cumulative cases through Aug 21, 2021

Vaccine Breakthrough Hospitalizations by Age Group

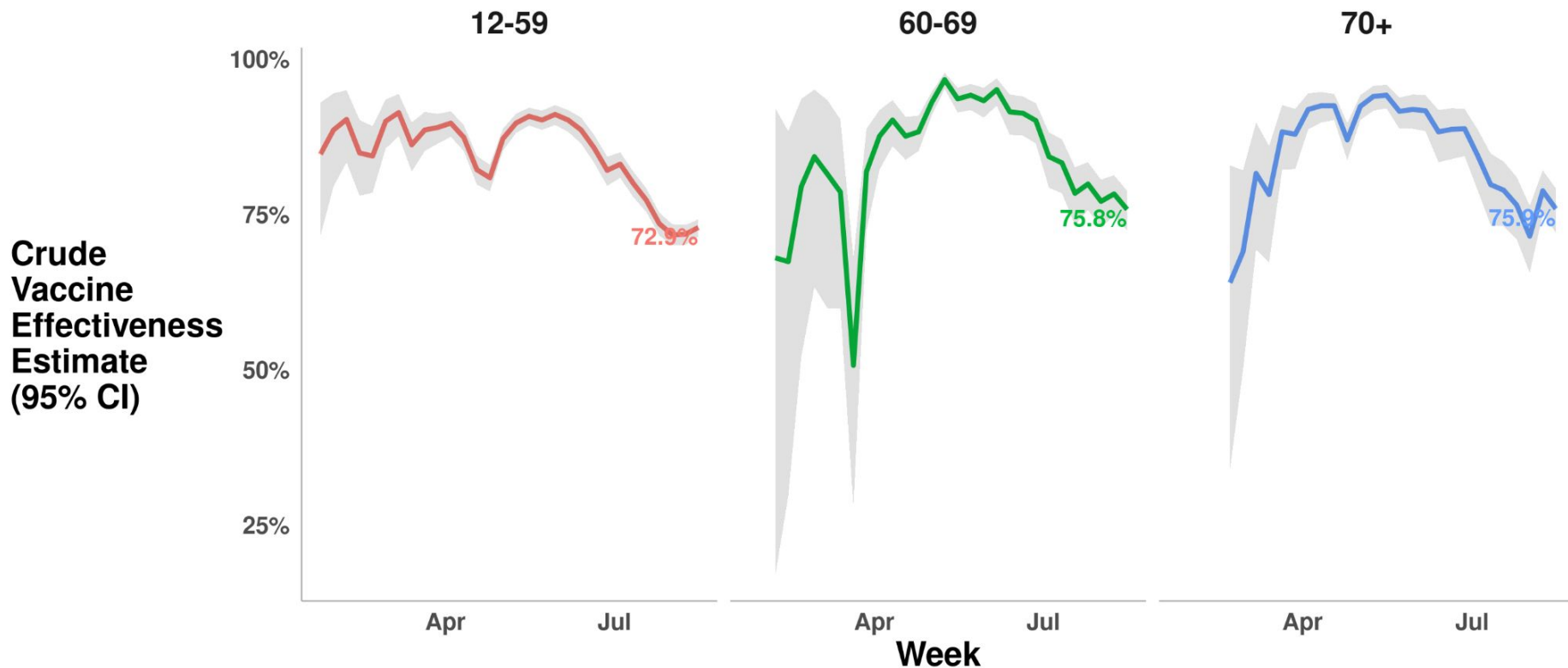
Age Group Distribution Among VB Hospitalizations vs. Vaccinated Coloradans

Cumulative Breakthrough Hospitalizations

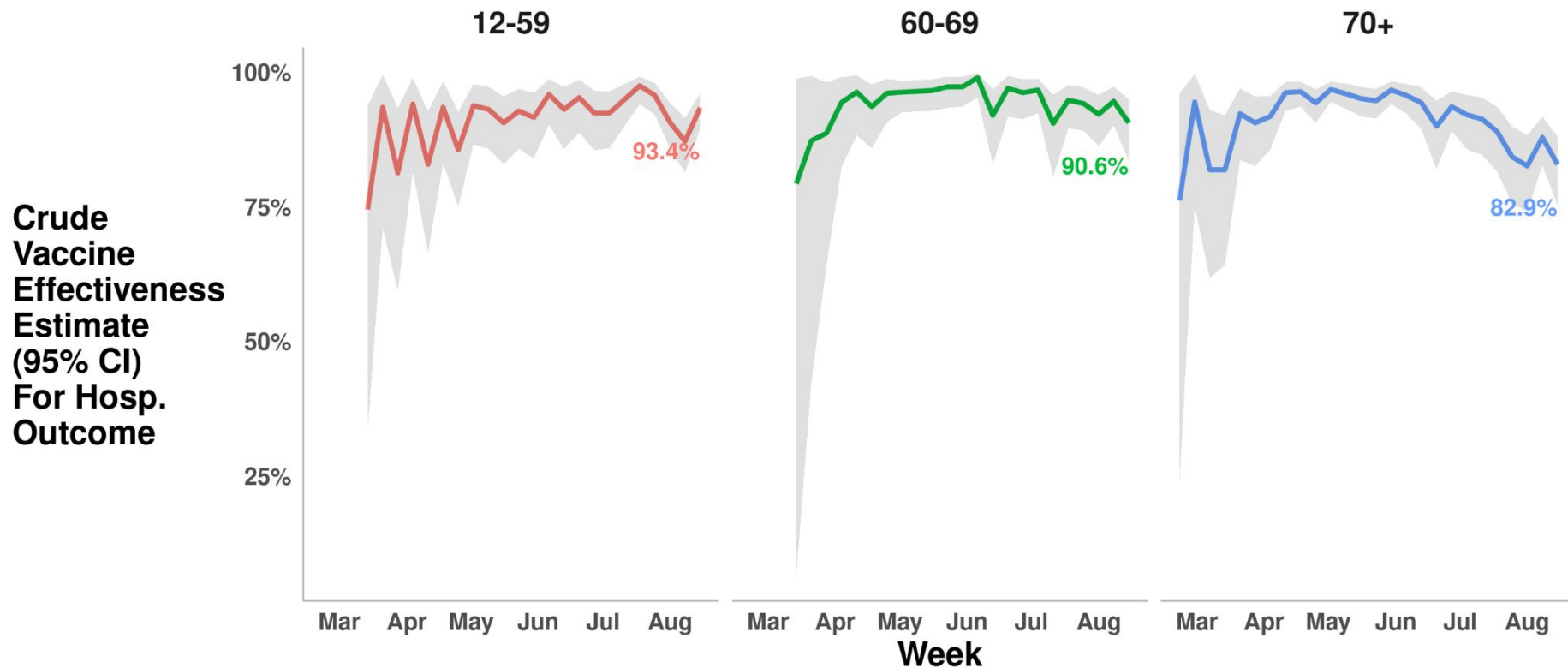


Updated Aug 30, 2021. Includes cumulative hospitalizations through Aug 14, 2021

COVID-19 Case Rate by Vaccination Status



COVID-19 Case Rate by Vaccination Status



Individual State Analysis: Georgia

Mid-sized to large Georgia school districts that started school Aug 2-5...

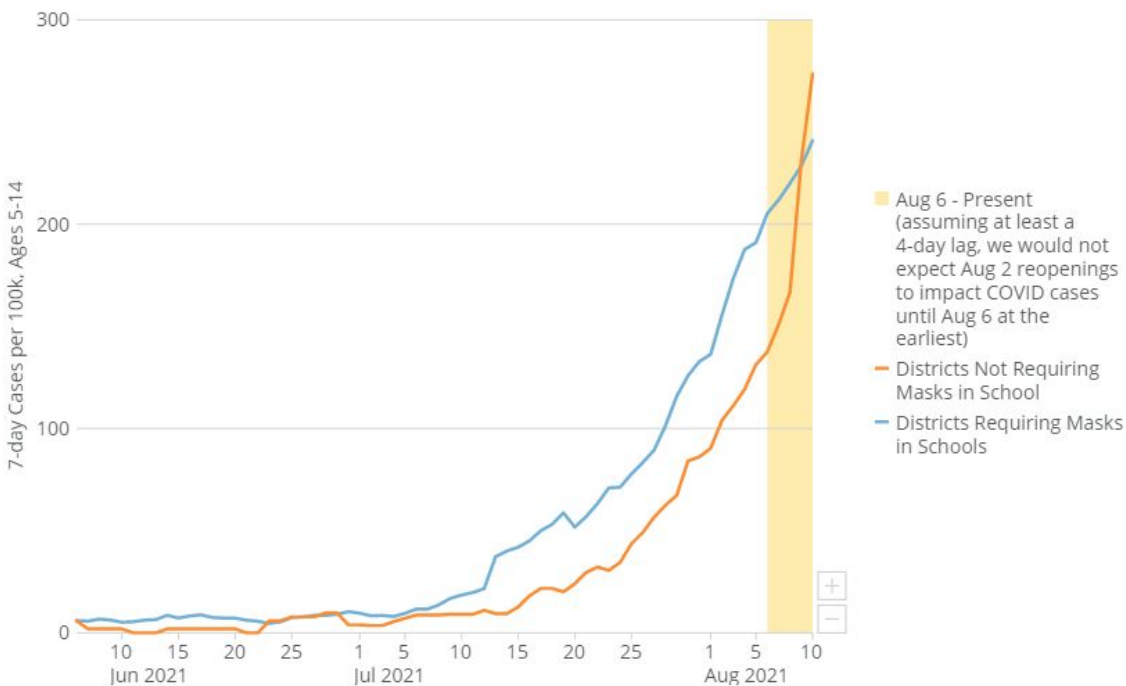
With masks: DeKalb, Clayton, Gwinnett, Chatham, Henry, Douglas, Atlanta

Without masks: Cobb, Cherokee, Carroll, Forsyth

Starting Aug 5, the districts requiring masks in school began to see case growth in ages 5-14 slow, while case growth continued exponentially in districts not requiring masks.

Note: Dealing with data from other states, we may not always be aware of possible reporting anomalies. Results could change with new data.

Cases by School District Masking Policy | Georgia, Ages 5-14 | Districts Reopening Aug 2 - 5



Individual State Analysis: Indiana

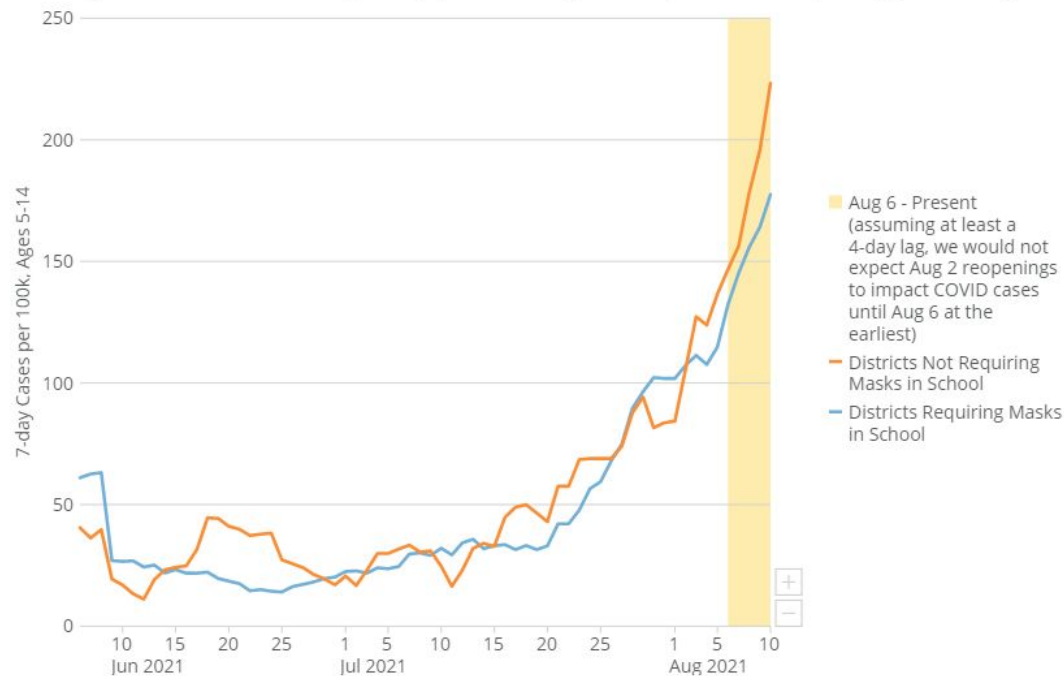
Indiana school districts that started school Aug 2-5...

With masks: Indianapolis Public Schools, Mooresville Consolidated, Monroe County, Hamilton Southeastern

Without masks: Brownsburg, Greenfield-Central, Avon, Kokomo-Center Township Consolidated

Note: Indianapolis-area school districts were mostly excluded from this analysis because sufficiently granular COVID data was not available.

Cases by School District Masking Policy | Indiana, Ages 5-17 | Districts Reopening Jul 29 - Aug 5



Individual State Analysis: Colorado

Preliminary results based on a very small number of school districts that started before Aug 16.

Colorado school districts that started school Aug 3-12...

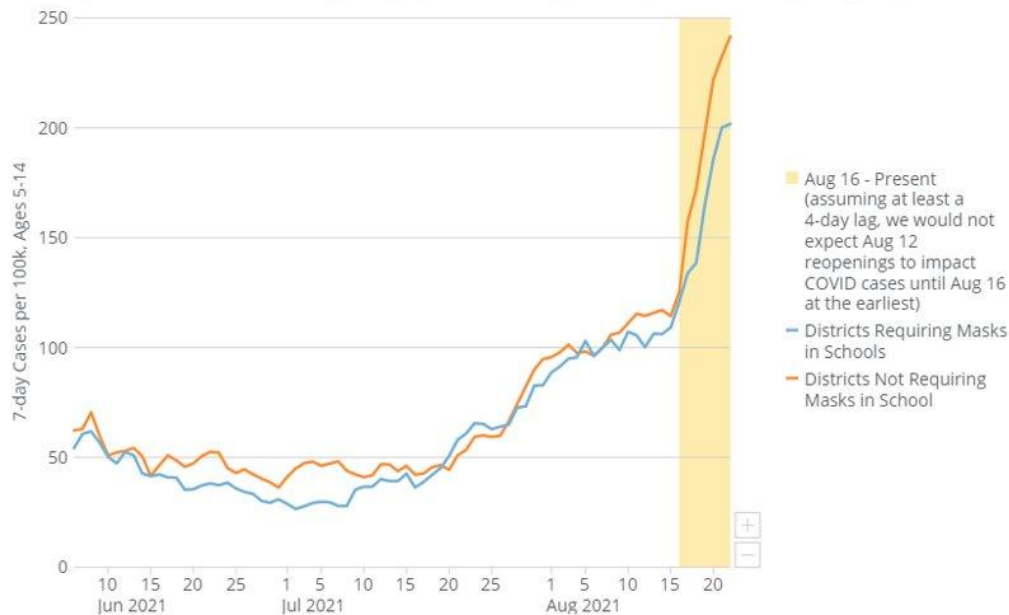
With masks: Adams County 14, Fountain School 8

Without masks: District 49, Douglas County RE-1, Harrison 2, District 27J, Mesa County Valley 51, Mapleton 1, Windsor RE-4, Adams Arapahoe 28J, Greeley 6, Littleton 6, Pueblo County 70

On Aug 16, school districts with and without masking requirements had similar prevalence among 5-17 year-olds in their geographies. In the subsequent week, a significant gap opened up, with districts not requiring masks showing ~40 additional 7-day cases per 100k.

At this point, very few districts have started school with a mask requirement, and as a result the available data is very limited. These results are preliminary and will likely change when we have data from districts that opened the week of Aug 16.

Cases by School District Masking Policy | Colorado, Ages 5-17 | Districts Reopening Aug 3 - 12



Thank you!