

LARIMER COUNTY: HEALTH & ENVIRONMENT



COVID-19 Update to the Community

September 2, 2021



Panelists

- Tom Gonzales, MPH, Larimer County Public Health Director
- Jared Olson, PhD, Larimer County Population Epidemiologist
- Dr. Paul Mayer, Medical Officer, Larimer County

Desired Outcomes Are:

- Children remain learning in-person at schools and child cares with minimal disruptions.
- Hospitals maintain sufficient resources to meet all critical health care needs in our community.
- Return to pre-pandemic conditions through near-universal vaccination in Larimer County.

Delta Update

Risk Score Factors

Icon shows % change from last week; hover for description



7-day Case Rate per 100k



7-day Test Positive Pct



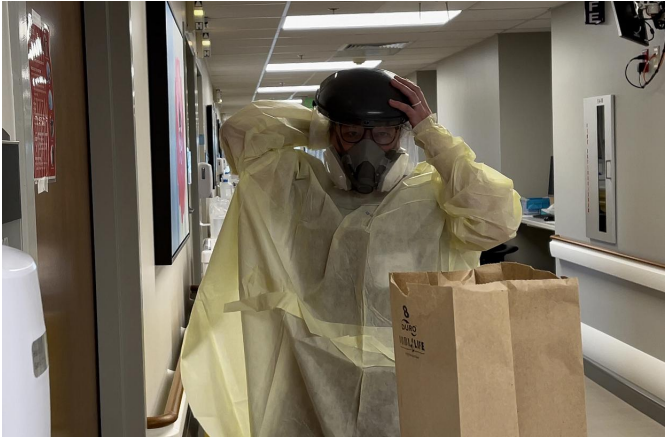
COVID patients in hospital



% of ICU Utilization at usual & customary care levels



Local Hospital Update



Call to Action

High Risk Level Recommendations



Get vaccinated as soon as possible if eligible.

Wear a mask indoors or in crowded outdoor spaces, whether you are vaccinated or not.



Ensure your mask fits snugly and consider a surgical or KN95 mask.

Ask everyone to wear a mask indoors.

Monitor yourself and your family and stay home if you have symptoms.



Get tested if you have COVID symptoms or if you have been exposed.



Postpone indoor gatherings or if you do plan to gather consider:

- Requiring everyone to be vaccinated
- Moving activities outside
- Minimizing the number of households



Encourage remote work options if possible.



Practice social distancing.



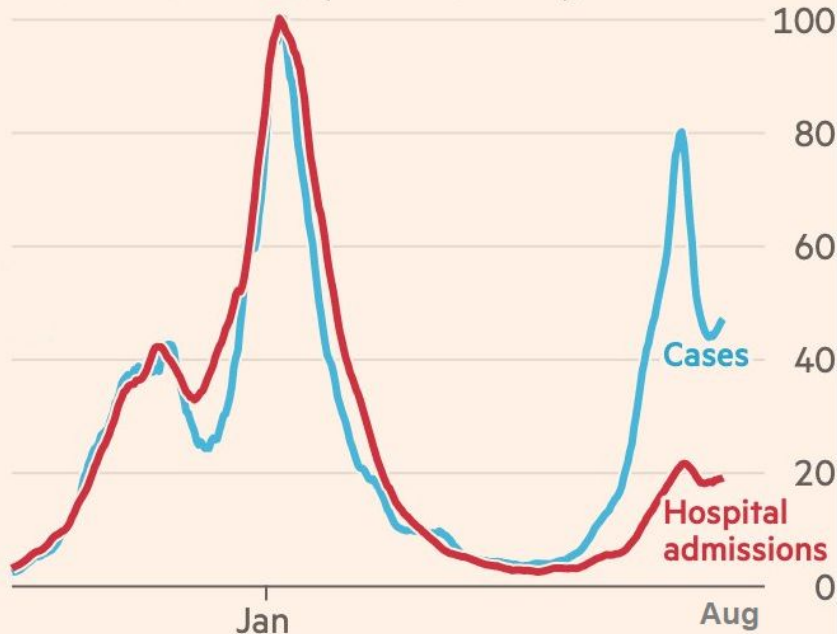
Choose businesses and organizations that are using best practices to reduce transmission.

Reduced Hospitalizations in the Delta Wave

UK

Pre-vaccines: 7.9% hospitalised

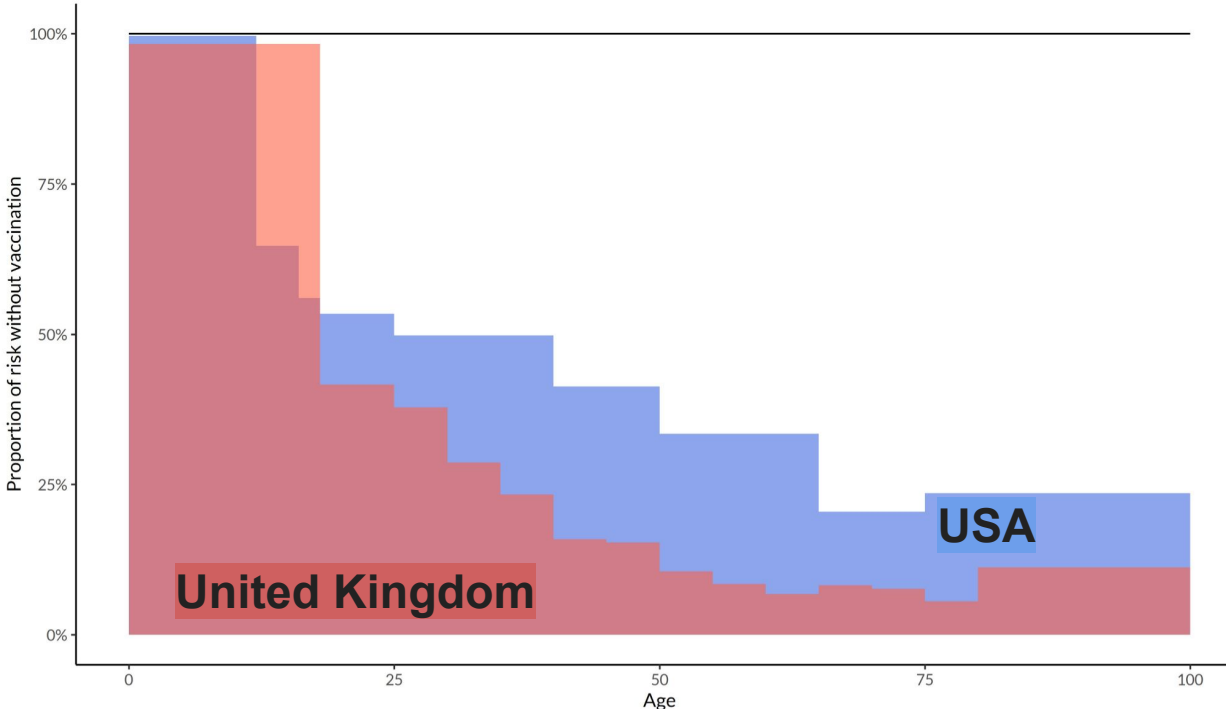
Post-vaccines: 2.4% hospitalised (69% drop)



Vaccination Differences by Age

England's vaccine programme has reduced hospitalisation risk much more than **the USA's**

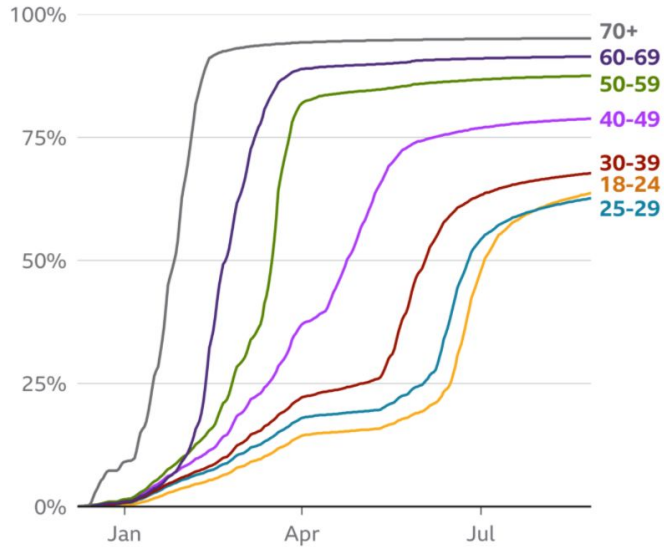
Shaded areas represent risk of hospitalisation from COVID as a proportion of the risk in an entirely unvaccinated population, by age.



Vaccination Differences by Age

United Kingdom

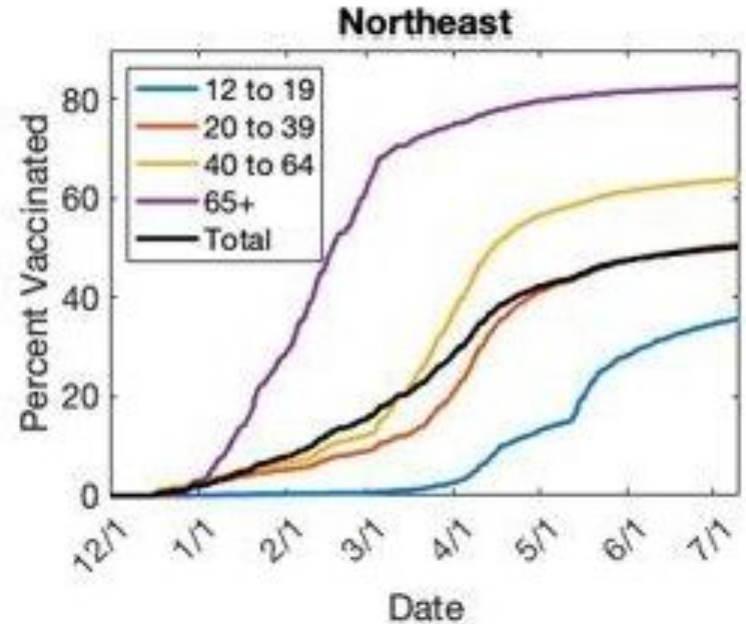
How vaccination rates compare by age
Percentage of age group to have first vaccine dose, England



Source: Gov.uk dashboard, 26 Aug

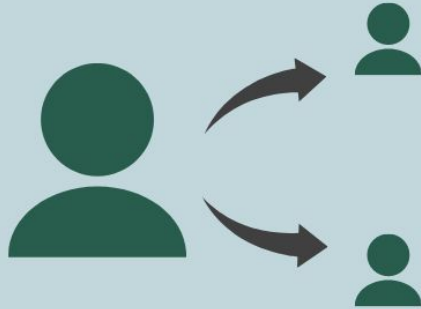


Northeast Colorado Region

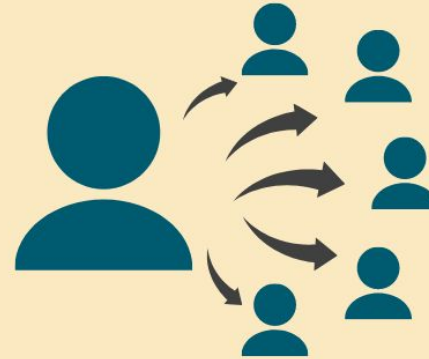


The Delta variant is more contagious than previous strains. It may cause more than 2x as many infections.

Previous Strains



Delta Variant



COVID vaccines reduce the chances that you will have a severe infection, need to be hospitalized, or die from COVID.

Changing Conditions

DELTA

No social distancing

Little masking

No business limitations

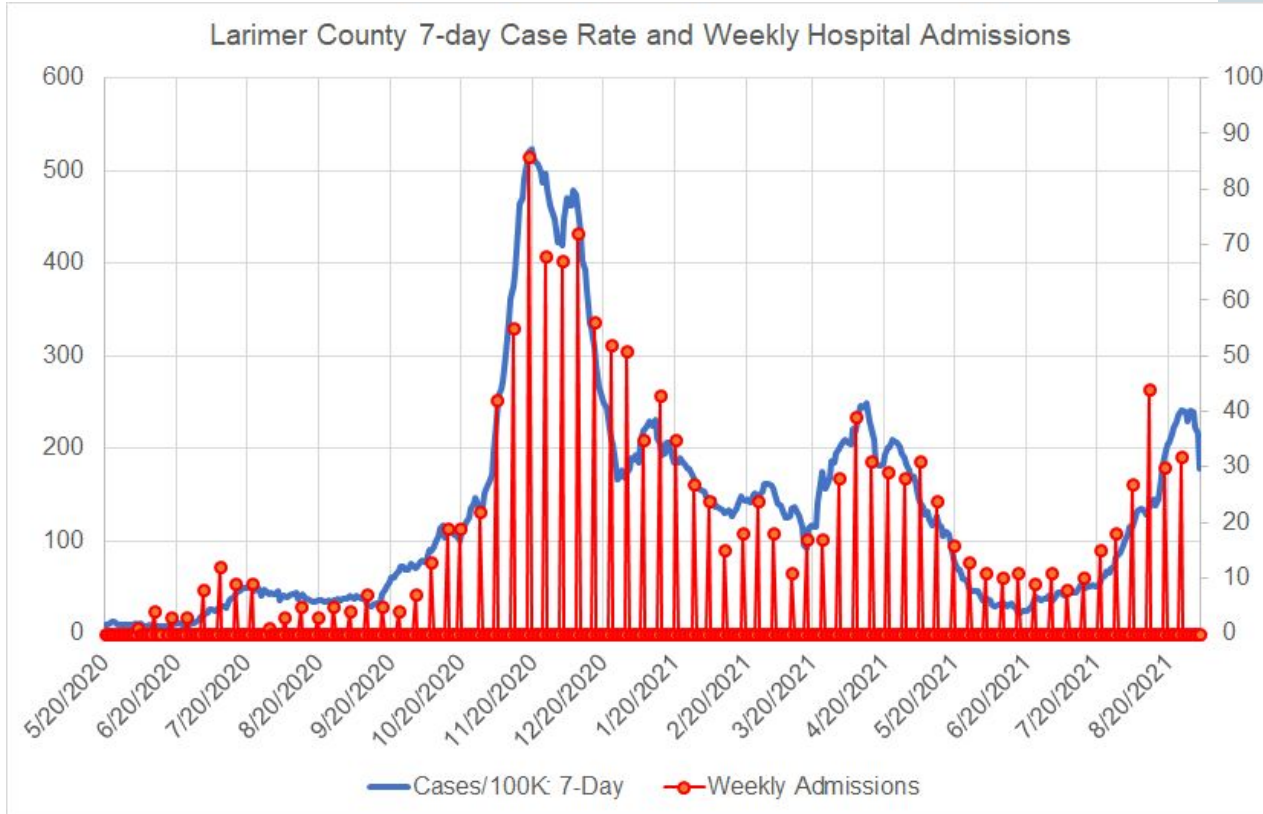
Mobility back to
pre-pandemic

Enjoying crowded indoor/outdoor
events

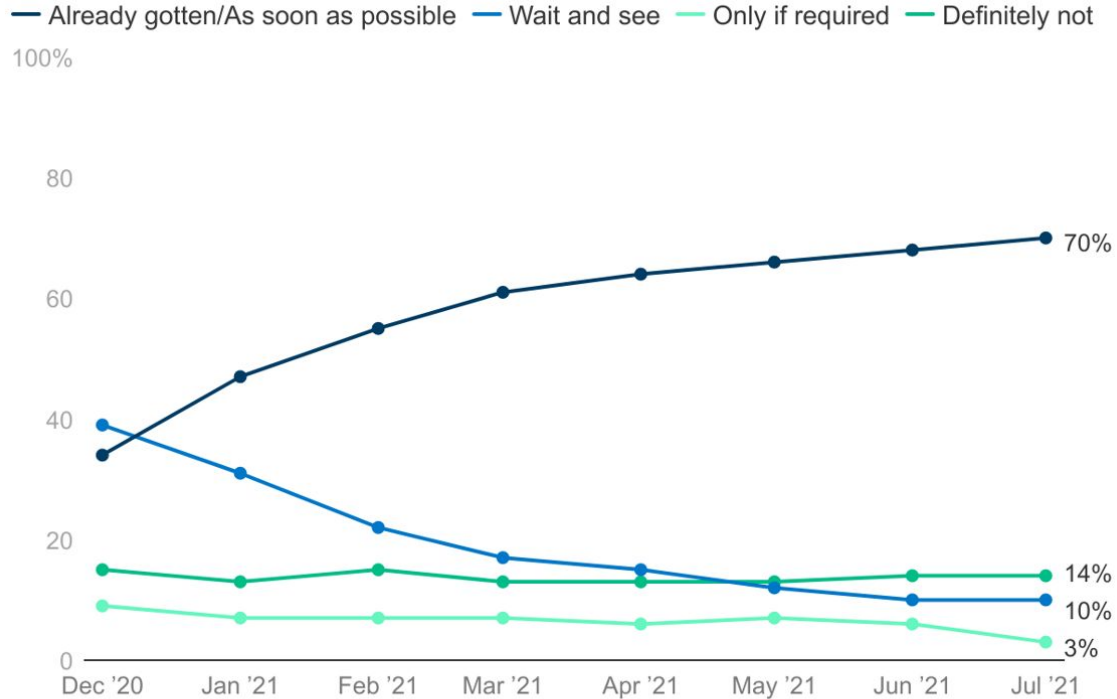
Greater than 50% fully vaccinated



Cases and Hospitalization of Larimer Residents



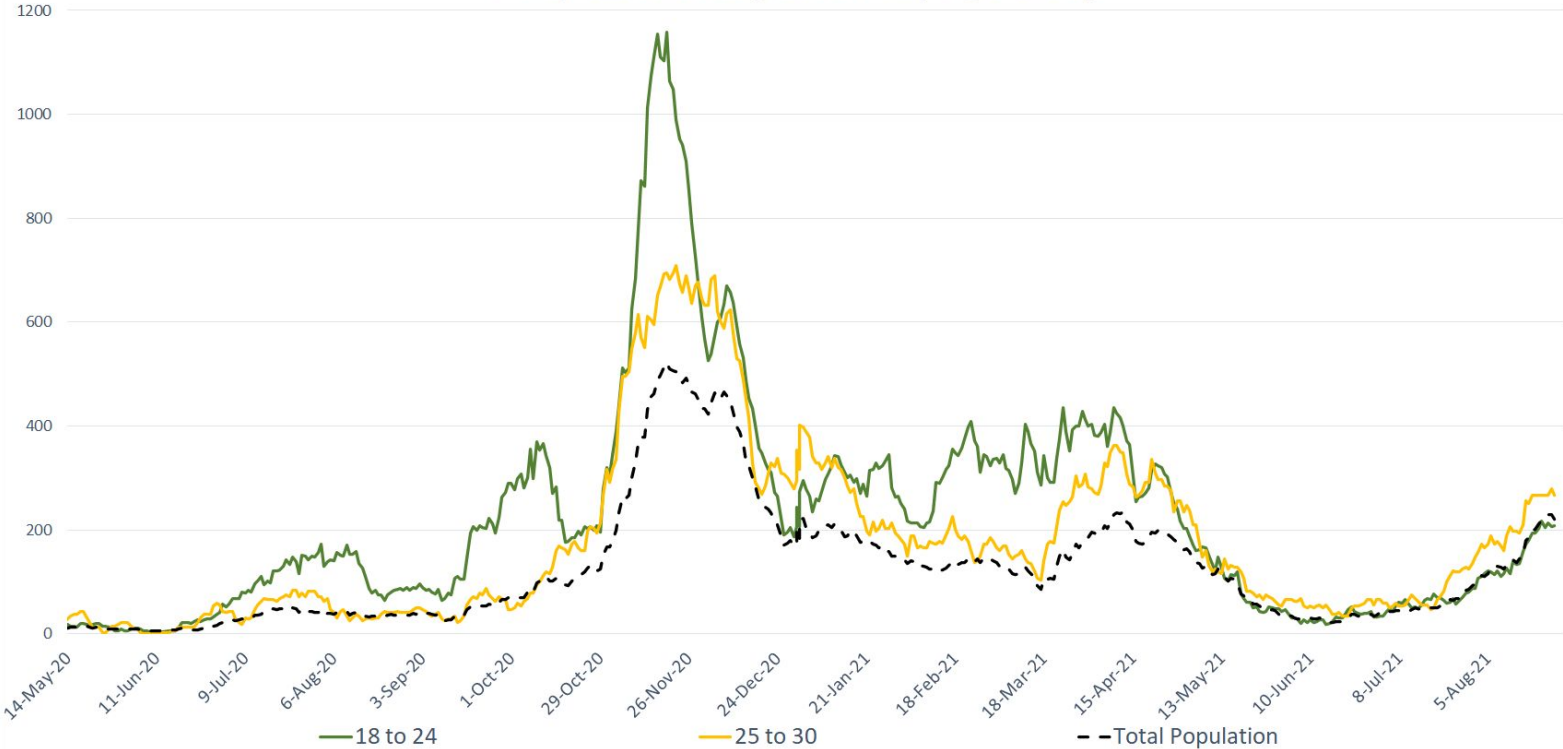
Attitudes toward vaccination



NOTE: See topline for full question wording.
SOURCE: KFF COVID-19 Vaccine Monitor

Young Adult Case Rates

7-day Case Rates per 100k by Age Group



Additional Doses

As of August 13, 2021, the CDC and CDPHE are recommending that only moderately to severely immunocompromised people who received Pfizer or Moderna receive an additional dose of mRNA vaccine.

An additional dose should be given no sooner than 28 days from getting a second dose of either Moderna or Pfizer.

It is not currently recommended for individuals who received Johnson & Johnson to get a booster dose.

About 3% of the adult population is a candidate for an additional dose at this time.

Who is recommended to get a additional dose?

Additional doses are recommended for individuals who have:

- Been receiving active cancer treatment for tumors or cancers of the blood
- Received an organ transplant and are taking medicine to suppress the immune system
- Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
- Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
- Advanced or untreated HIV infection
- Active treatment with high-dose corticosteroids or other drugs that may suppress your immune response

Booster Doses

Booster doses are not currently authorized by the FDA and CDC. More information and guidance are coming around boosters for the general public.

Until that guidance is available, **booster doses are not available at Larimer County Department of Health and Environment COVID-19 vaccine clinics** for the general public.

Questions?

Please share any questions you have for our panelists in the Q&A feature of Zoom or comment on the Facebook live feed.

For questions after the update today, please contact us:



Call: 970-498-5500 (Monday-Friday 9:00am-4:30pm)



Text: 970-999-1770

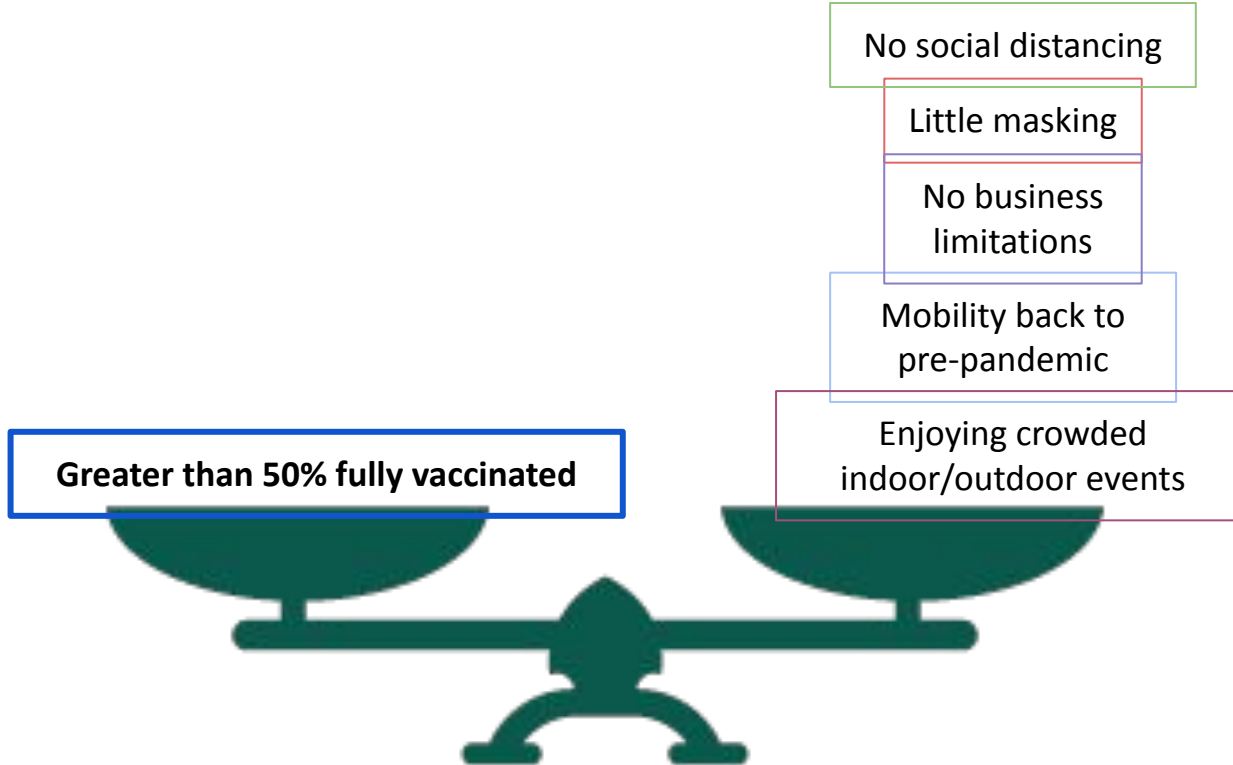


Email: covidconcerns@larimer.org

www.larimer.org/covidvaccine



Changing Conditions - Limited Precautions



Changing Conditions - Limited Precautions

DELTA

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Little masking

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limitations

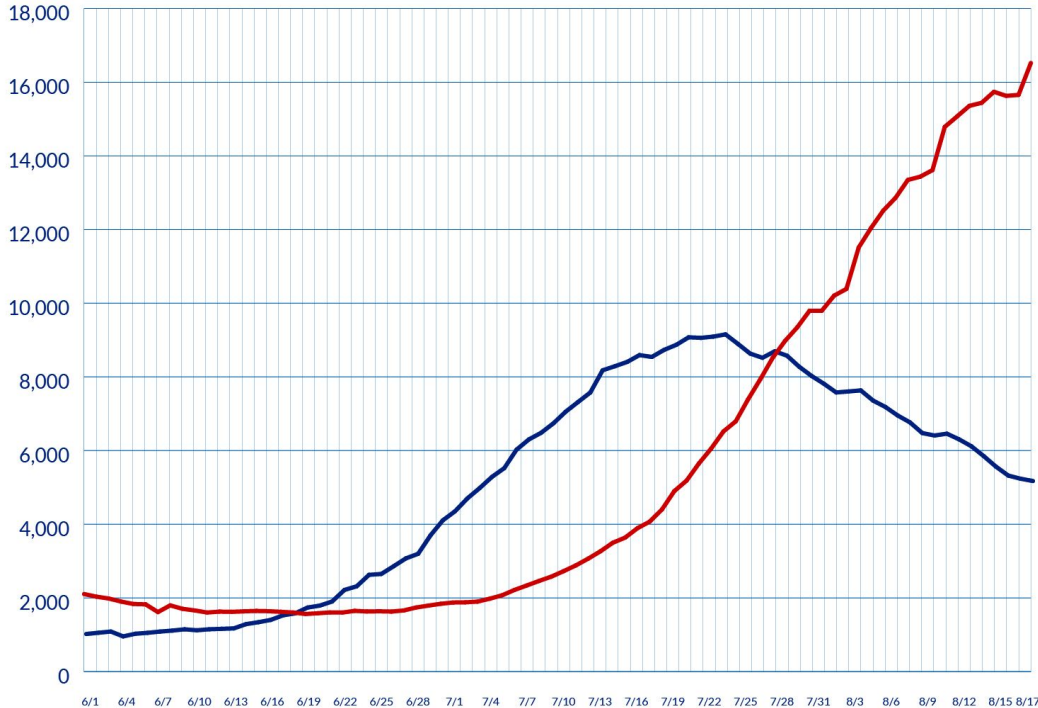
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events

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Appendix



**COVID-19 Hospitalizations
2020 vs. 2021**
as of 08-17-2021

Total Confirmed Hospitalizations:

16,521 +773

% of Previous Peak (7/23/20): 162%

Previous Day Confirmed COVID New Admissions: 2,125

% of Inpatients with COVID: 36.1%

% of Adult ICU patients with COVID: 53.7%

— 2020
— 2021

Source: CDC/HHS



Mission to Care. Vision to Lead.

Appendix

TN National Guard to deploy to hospitals to assist with staffing and bed shortages



by: [Gerald Harris](#)

Posted: Aug 16, 2021 / 06:41 PM CDT / Updated: Aug 17, 2021 / 08:21 AM CDT

Appendix

TN Health Commissioner: 'If you don't have a true medical emergency, don't go to the ER'

by Kaylin Jorge | Monday, August 16th 2021



TN Health Commissioner: 'If you don't have a true medical emergency, don't go to the ER' (FOX 17 News)

ICU beds full at many Middle Tennessee hospitals

DANIELLE JACKSON

UPDATED AUG 16, 2021 | POSTED ON AUG 14, 2021



Several Middle Tennessee hospitals – including Vanderbilt University Medical Center – have been hit hard with the uptick of COVID-19 patients.

Appendix

NEWS

Second field hospital staged in UMMC garage as COVID-19 continues surge across Mississippi

Sarah Haselhorst Mississippi Clarion Ledger

Published 11:34 a.m. CT Aug. 16, 2021

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State Health Officer Thomas Dobbs frustrated with unvaccinated in Mississippi

State Health Officer Thomas Dobbs addresses the state of COVID-19 and vaccines from a field hospital at University of Mississippi Medical Center in Jackson, Miss. *Barbara Gauntt, Mississippi Clarion Ledger*

LOCAL

About 20,000 Mississippi students in quarantine for COVID-19 exposure, health official says

By **Leah Willingham** Associated Press/Report for America

Published 4:17 p.m. CT Aug. 17, 2021

LOCAL

'Save our babies': As another Mississippi child dies of COVID-19, communities beg for help

Sarah Haselhorst Mississippi Clarion Ledger

Published 4:42 p.m. CT Aug. 16, 2021 | Updated 7:27 a.m. CT Aug. 17, 2021

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Expert: Kids can be safe in school with masks

The Chief of Pediatric Infectious Disease at Emory University's School of Medicine says COVID-19 cases in the younger population are trending in the wrong direction. But she says kids can be safer in school if they're wearing masks. (Aug 10)

Appendix



Office of the Governor

MICHELLE LUJAN GRISHAM

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New Mexico to re-implement indoor mask mandate; vaccinations required in hospitals, congregate settings

Aug 17, 2021 | COVID-19, Press Releases

Appendix

Georgia Age Specific Case Trends

