COVID-19 - Status Update

Panelists

- Tom Gonzales, MPH, Larimer County Public Health Director
- Jared Olson, PhD, Larimer County Population Epidemiologist
- Dr. Paul Mayer, Medical Officer, Larimer County
COVID-19 - Status Update

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**

- **7-day Case Rate per 100k**
  - 217 (300)

- **COVID patients in hospital**
  - 91 (100)

- **7-day Test Positive Pct**
  - 6.8% (15)

- **% of ICU Utilization at usual & customary care levels**
  - 100%
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)

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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

Northeast Colorado Region

Source: Gov.uk dashboard, 26 Aug
The Delta variant is more contagious than previous strains. It may cause more than 2x as many infections.

<table>
<thead>
<tr>
<th>Previous Strains</th>
<th>Delta Variant</th>
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COVID vaccines reduce the chances that you will have a severe infection, need to be hospitalized, or die from COVID.
Changing Conditions

Greater than 50% fully vaccinated

DELTA

- No social distancing
- Little masking
- No business limitations
- Mobility back to pre-pandemic
- Enjoying crowded indoor/outdoor events
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Cases and Hospitalization of Larimer Residents
Attitudes toward vaccination

- Already gotten/As soon as possible
- Wait and see
- Only if required
- Definitely not

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

7-day Case Rates per 100k by Age Group
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 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
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Changing Conditions - Limited Precautions

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Changing Conditions - Limited Precautions

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Appendix

COVID-19 Hospitalizations 2020 vs. 2021 as of 8/17/2021

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%

Source: CDC/HHS
TN National Guard to deploy to hospitals to assist with staffing and bed shortages
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

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

ICU beds full at many Middle Tennessee hospitals

BY DANIELLE JACKSON
UPDATED AUG 19, 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.
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

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 Saunett, Mississippi Clarion Ledger

Local

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

Published 4:12 p.m. CT Aug. 16, 2021  Updated 7:30 a.m. CT Aug. 17, 2021

Expert: Kids can be safe in school with masks
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