Key Messages

1. Current metrics are more challenging than just two months ago.

2. The majority of COVID-19 hospitalizations are unvaccinated people.

3. Vaccines are highly effective... The single most important step you can take to beat this virus is to get vaccinated.
COVID-19 - Status Update

Changing Conditions - Impact of Delta

August 10, 2021

Risk Score Factors
Icon shows % change from last week; hover for description

- **7-day Case Rate per 100k**: 127 (↑)
- **7-day Test Positive Pct**: 6.9% (↑)
- **COVID patients in hospital**: 41 (↑)
- **ICU Census % Utilization**: 93% (↑)

October 11, 2021

- **7-day Case Rate per 100k**: 248 (↑)
- **7-day Test Positive Pct**: 7.1% (↑)
- **COVID patients in hospital**: 86 (↑)
- **% of ICU Utilization at usual care levels**: 105% (↑)
CDC Risk Level for Larimer County - HIGH

August 10, 2021

October 11, 2021
Pfizer EUA for Children 5 to 11

- 1/3 the adult dose
- Good safety and efficacy data
- FDA meeting Oct 26 and CDC meeting Nov 2
Antiviral Pill to treat COVID-19

- Requesting emergency authorization
- Trial results were 50% reduction in hospitalizations and deaths
- 5 day oral pill prescribed course
- Simpler and easier to administer than monoclonal antibodies
Hospitalizations

Unvaccinated
● 77% of COVID hospitalizations
● 86% of COVID patients in ICU
● 89% of ventilated COVID patients
Hospitalizations

COVID-19 Hospitalizations by Admission Date and Vaccination Status

Vaccinated people are 8.2 times less likely to be hospitalized for COVID.

Data is lagged by two weeks. Updated Oct 04, 2021
Hospitalizations

7-day Hospital Admissions per 100,000 residents

- Boulder
- Larimer
- Weld
- Total of 3 counties

Data incomplete
Hospitalizations

Fall 2020 (Aug 16 to Oct 10)
- 3 pediatric hospitalizations
- 1 school aged hospitalization
- No school-aged ICU admissions

Fall 2021 (Aug 16 to Oct 10)
- 6 pediatric hospitalizations
- 3 school aged hospitalizations
- 2 ICU admissions of school-aged children
An estimated 120,000 children in the United States lost a primary caregiver (e.g. parent) to a COVID-associated death.
County Level Vaccination & Hospitalizations

The graph shows a correlation between the share of eligible population fully immunized and the number of 14-day hospitalizations per 100k. Counties such as Weld, El Paso, Larimer, and others are plotted, indicating a trend where higher vaccination rates are associated with lower hospitalization rates. Counties like Jefferson, Denver, and Boulder are also visible on the graph.
451,372 doses of COVID-19 vaccine have been administered to residents of Larimer County. This total includes 231,070 first doses:

- 73.6% of eligible residents have received at least one dose.
- 61.2% of all residents are fully vaccinated.
- 58% of eligible children have had at least one dose of the vaccine.
- 5.5% of residents have received a third dose of vaccine as either a booster or an additional dose.
- At our current pace of vaccination, it will take over 5 months to reach 80% of our eligible population with at least one dose.
- It’s never too late to get a vaccine! Last week 69 individuals aged 70 or older got their first dose!
CSU Vaccination as a goal

Fall 2021 Student and Employee COVID Vaccine Stats

On-Campus Students
- Portal Submissions: 26,429 (97.8%)
  - On-campus enrollment: 27,033
- Fully or Partially Vaccinated: 24,016 (88.8%)
  - On-campus enrollment: 27,033
- Students with Exemptions: 2,413 (8.9%)
  - On-campus enrollment: 27,033

7-day Case Rates per 100k - 18 to 24 year olds
- 18 to 24
- Total Population
Vaccination Requirements

- Vaccination requirements could help 5 million Americans return to the workforce by reducing safety concerns.
- 37% of post secondary undergraduate students and graduate students are covered by a vaccination requirement.
- 25% of US business have required vaccination already.
- Vaccination helps promote economic growth with small businesses reporting more employee hours worked in well-vaccinated states compared to less vaccinated states.
- Vaccination requirements increase vaccination rates up to 90%, a level similar to students and staff at CSU.

How The State Mandate Affected NYC's Most Unvaccinated Nursing Homes

This chart shows how vaccination rates changed between September 25th and September 29th at the 20 homes with the highest proportion of unvaccinated employees in the New York City area.

Further information
Vaccination Opportunities & Boosters

Those who *should* receive a Pfizer booster:

- Those who are age 65 or older or who live in a long-term care setting
- Those who are age 50 or older with certain high-risk health conditions

Those who *may* receive a Pfizer booster:

- Those who are age 16-49 with certain high-risk health conditions
- Those who are age 16-64 who are at increased risk of being exposed to or transmission of COVID-19, including but not limited to teachers, factory workers, retail workers, restaurant workers, healthcare workers, and first responders
Vaccine Questions?

Larimer County COVID-19 Vaccine Questions

Call: (970) 498-5500 (M-F, 9:00-4:30)

Text: (970) 999-1770

Email: publichealth@larimer.org

www.larimer.org/covidvaccine