COVID-19 Update

June 14, 2021
COVID-19 - Status Update
Equitable Vaccine Distribution

April 28, 2021
Vaccine Team

- Internalize the importance of equitable access and service within the health department
- Regular meetings to discuss and strategize maximizing resources
- Hired Health Equity Coordinators, Outreach Specialist, Bilingual Staff
- All staff play a role, IT, Clinical, Administrative, Leadership
Community Partners

- Partner with community leaders, businesses, agencies and vaccine providers to support and coordinate efforts

- e.g. Fuerza Latina, The Family Center/La Familia, La Cocina, Residents Unidos, Heart and Sol, Disabled Resource Services, Genesis Project, Las Delicias...
Increasing Vaccine Access

- Clinics in key locations
- Variety in service hours
- Variety in clinic focus
- Bilingual support on our communication channels and at our clinics
Outreach and Education

● On the ground outreach and education

● Partner calls and Charlas de COVID-19

● Spanish web page for information, updates, and resources
Defining Success

- Shift in definition
  - 10 People who were waiting for a convenient time is success
  - 5 People who work two jobs or don't have reliable transportation is success
  - 1 Person who was very hesitant about vaccine safety is success
COVID-19 Data Update

April 28, 2021
COVID-19 Dashboard

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

- **7-day Case Rate per 100k**
  - Current: 27
  - Change: Down
  - Test range: 300

- **COVID patients in hospital**
  - Current: 25
  - Change: Up
  - Test range: 100

- **7-day Test Positive Pct**
  - Current: 1.2%
  - Change: Down
  - Test range: 15

- **ICU Census % Utilization**
  - Current: 85%
  - Change: Down
  - Test range: 100
How the R0 numbers of Covid-19 variants and other diseases compare
The more contagious, the higher the R0 number

<table>
<thead>
<tr>
<th>Original virus in Wuhan</th>
<th>2.4-2.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>The version that caused Europe’s first wave</td>
<td>3</td>
</tr>
<tr>
<td>Alpha</td>
<td>4-5</td>
</tr>
<tr>
<td>Delta</td>
<td>5-8</td>
</tr>
<tr>
<td>Mumps</td>
<td>12</td>
</tr>
<tr>
<td>Measles</td>
<td>18</td>
</tr>
</tbody>
</table>

Source: Imperial College, Lancet, Australian government
# COVID-19 - Status Update

<table>
<thead>
<tr>
<th>New WHO Name</th>
<th>Transmissibility</th>
<th>Immune Evasiveness</th>
<th>Vaccine Effectiveness[^]</th>
<th>Which Vaccines Assessed[^&amp;]</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.1.1.7 Alpha</td>
<td>+++</td>
<td>—</td>
<td>✓</td>
<td>mRNA, AZ, J&amp;J, Novavax</td>
</tr>
<tr>
<td>B.1.351 Beta</td>
<td>+</td>
<td>++++</td>
<td>✓</td>
<td>mRNA, J&amp;J, Novavax</td>
</tr>
<tr>
<td>P.1 Gamma</td>
<td>++</td>
<td>++</td>
<td>✓</td>
<td>mRNA, AZ, Sinovac, Sinopharm</td>
</tr>
<tr>
<td>B.1.617.2 Delta</td>
<td>++++</td>
<td>+++#</td>
<td>✓</td>
<td>mRNA, AZ, Bharat</td>
</tr>
</tbody>
</table>

[^]: Relative transmissibility to B.1.1.7 appears to be 60% higher than alpha  
[^&]: Effectiveness from real world evidence vs. severe illness, not all vaccines are effective vs all variants, and importance of 2-doses, especially for B.1.617.2 for which 1 dose of mRNA or AZ is only ~30% effective vs symptomatic infection  
[^#]: That this variant requires 2-doses of vaccines to preserve their effectiveness, along with lab studies, suggest it is as immune evasive (and possibly more than) as B.1.351 (beta)  
[^&]: Assessed in lab and/or effectiveness studies; absence of evidence does not equal evidence of absence effect

@ericstopol
COVID-19 - Status Update

COVID-19

Cases vs vaccination

14-Day Confirmed Cases per 100k

Share of Total Population That Is Fully Immunized

- Elbert
- Logan
- Fremont
- Delta
- Pueblo
- Teller
- Garfield
- Chaffee
- La Plata
- Jefferson
- Broomfield
- Boulder
- Eagle
- Summit
Mobile Vaccination Clinic Requests

If you're interested in hosting an onsite vaccination clinic for your employees or for the general public at your business or facility, please send a request to the Larimer County Department of Health & Environment. There is no charge, and the Health Department coordinates staffing, logistics, and vaccine supplies. Requests can be submitted here and will be prioritized based on:

- The potential for the clinic to reach under-vaccinated populations in Larimer County
- The business's willingness to partner with the Health Department to promote the clinic to staff and/or the community - creativity encouraged!
- Vaccine availability (for example, the Pfizer vaccine is the only type of vaccine that 12-17 year olds can get)
- The Health Department's staffing capacity and clinic schedules

Vaccination by Race and Ethnicity

Percentage of Population with at least one dose (Self-reported)

- **WHITE, NON-LATINX**: 57%
- **LATINX (ALL RACES)**: 23%
- **NON-WHITE, NON-LATINX**: 57%
Vaccination by Race and Ethnicity

Percentage of Population with at least one dose (including unknown race/ethnicity)

- **WHITE, NON-LATINX**: 58%
- **LATINX (ALL RACES)**: 32%
- **NON-WHITE, NON-LATINX**: 59%
LARIMER COUNTY
COVID-19 VACCINE PROGRESS UPDATE

6/14/21

363,593
total doses given

197,972
have had at least one dose

180,389
doses that fully vaccinated individuals
COVID-19 Vaccine Efficacy

Overall rates are expressed as cases per 14 days per 100,000

Unvaccinated: 413.8
Partially Vaccinated: 142.2
Fully Vaccinated: 29.6

Full vaccination corresponds to approximately 93% protection against being reported as a case in Colorado.
Upcoming Vaccine Clinics

Monday (6/14) - LCDHE Fort Collins
Tuesday - LCDHE Loveland
Wednesday - Old Town FOCO
Thursday - LCDHE Fort Collins
Friday - Timnath Beerwerks and CSU
Saturday - Foote Lagoon Loveland
Sunday - La Familia
Monday (6/21) - Foundry, Loveland Job Fair
COVID-19 Drive to 65

Larimer Vaccination Status: 64%*

Every person who gets the vaccine helps stop COVID-19 from spreading.

*% of vaccinated Larimer County residents 16+
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