

Denver Public Health COVID 19 Update

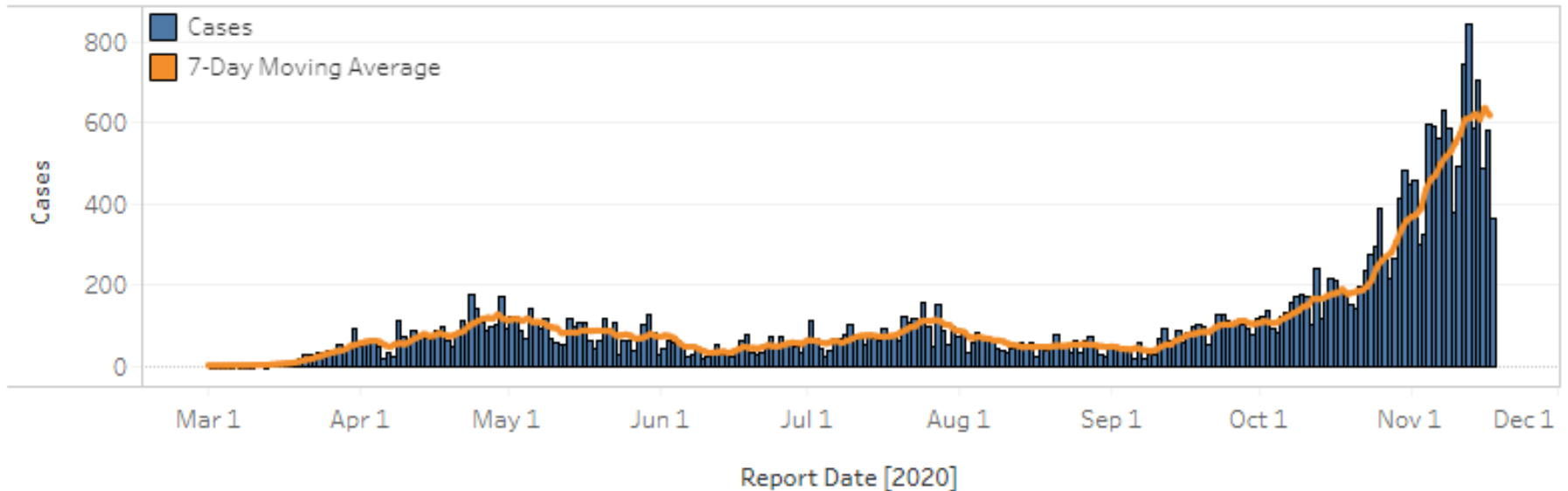
Bill Burman, MD, Executive Director, Denver Public Health

November 18, 2020

Denver Health Learning Collaborative

Confirmed case curve – Denver County

Denver County COVID-19 Cases by Day of Report



Congregate settings include long-term care facilities, jails, and cases in people experiencing homelessness.

Data Source: Denver Public Health COVID-19 Surveillance System



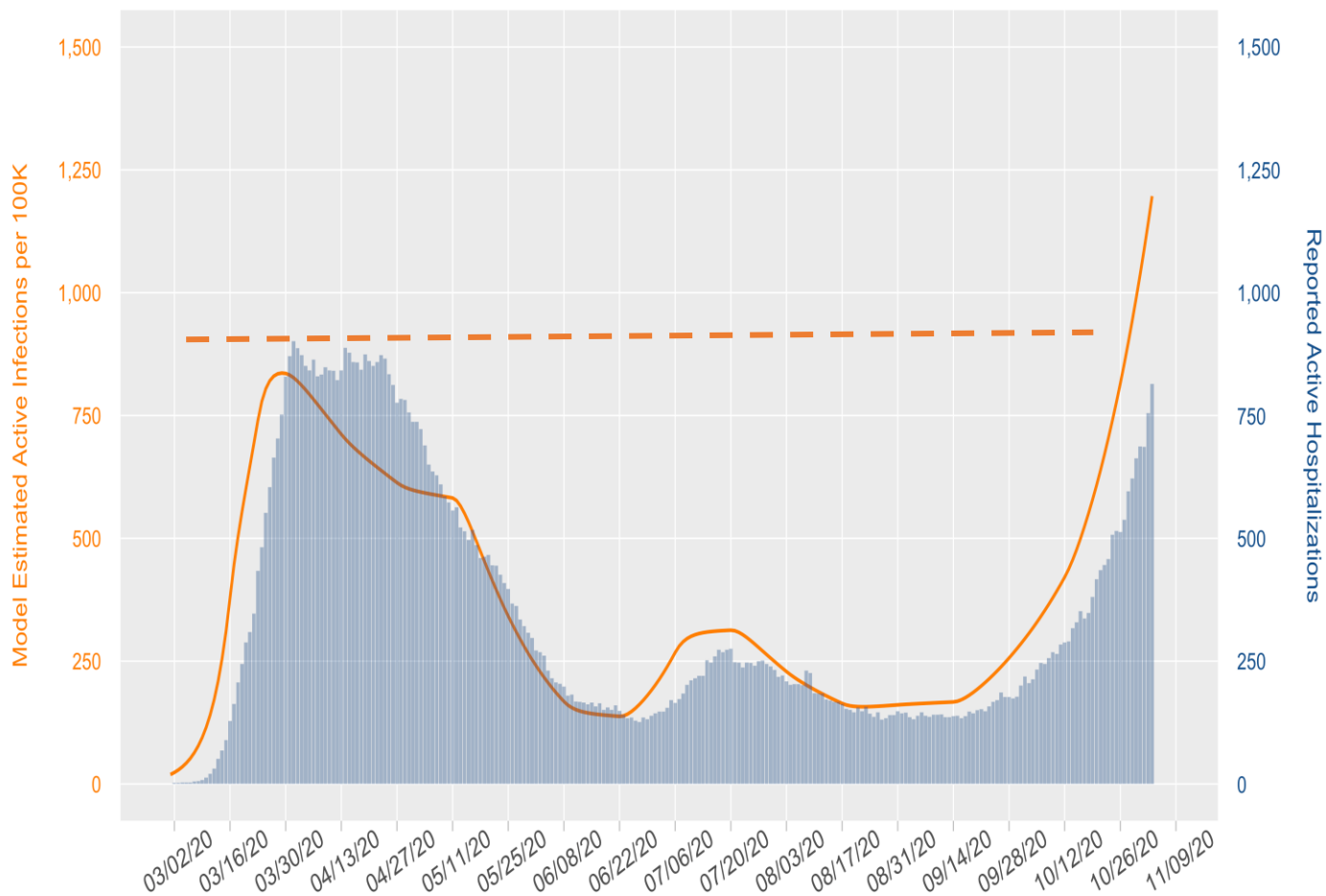
Last Update: 11/18/2020 12:47:21 AM UTC

2-week incidence rate for Denver County - 1096

<https://storymaps.arcgis.com/stories/50dbb5e7dfb6495292b71b7d8df56d0a>

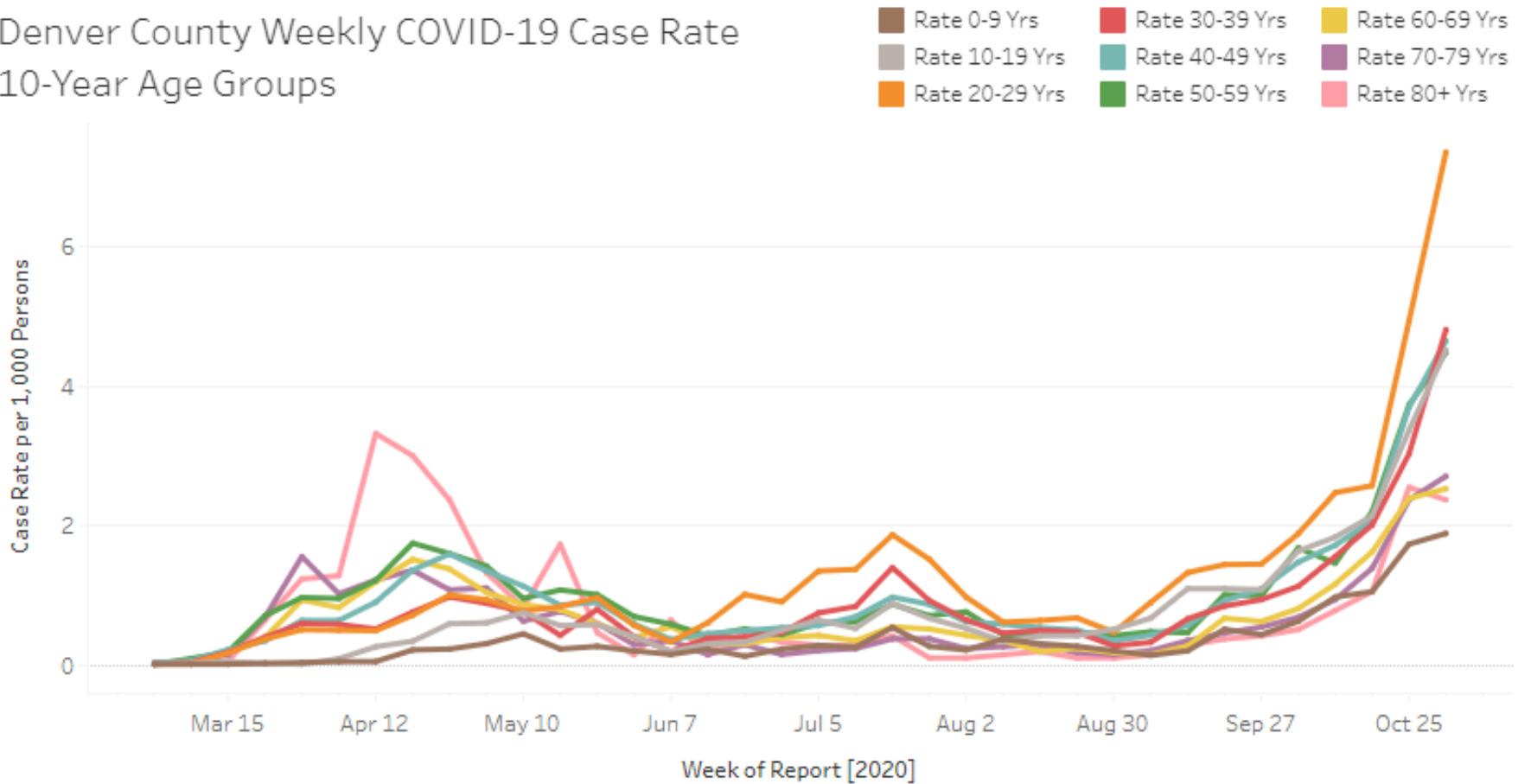
An estimated 1 in every 157 Coloradoans are currently infectious
Contacts are more risky now than any time during the pandemic

Daily Active COVID-19 Hospitalizations vs. Estimated Rate of Active Infections (Symptomatic + Asymptomatic)

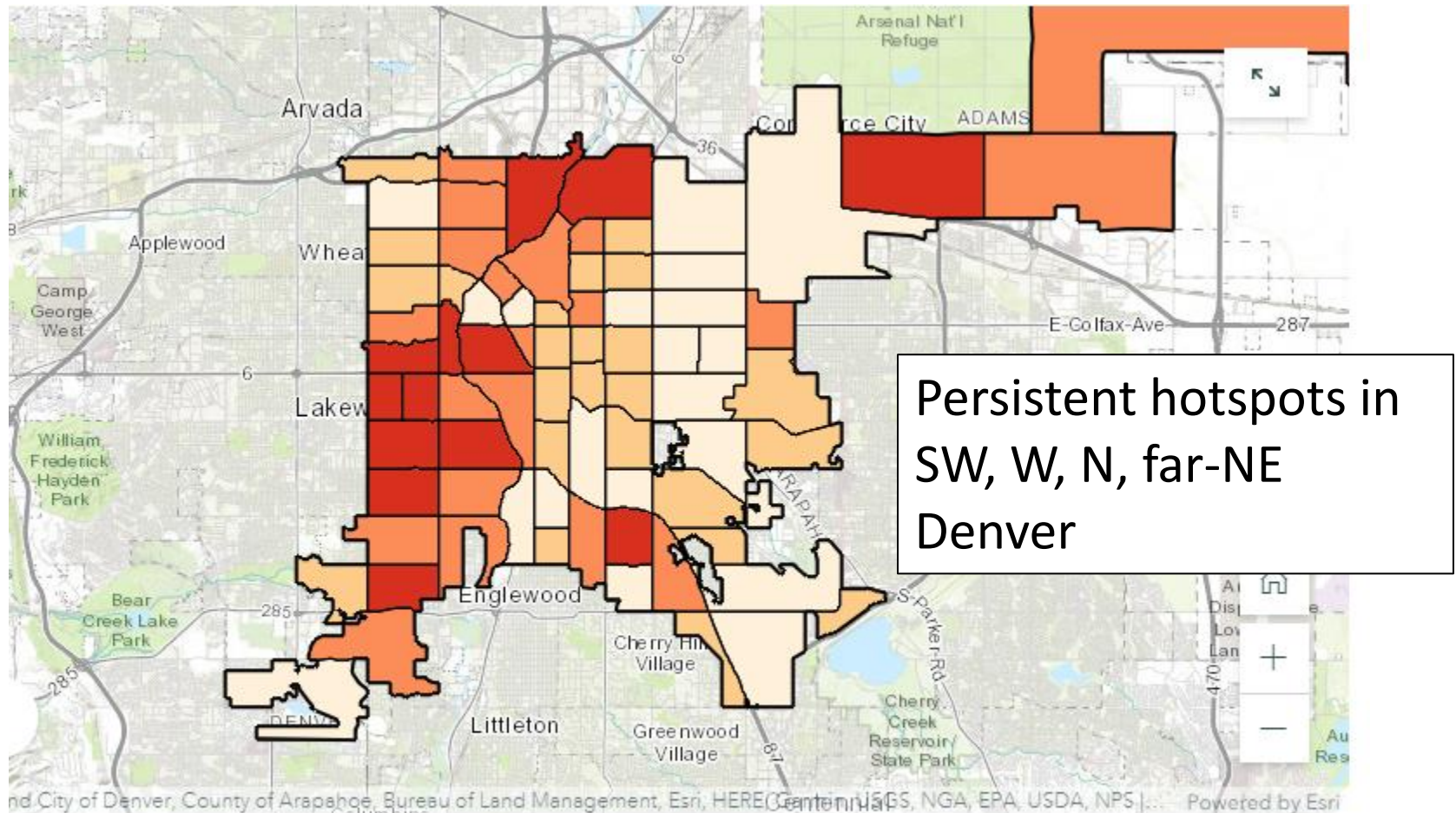


COVID rates by age, Denver

Denver County Weekly COVID-19 Case Rate
10-Year Age Groups



Rates of recently-diagnosed COVID in Denver County by neighborhood, 11/1 - 11/7



COVID-19 Case Rate per 1,000 persons by Denver Neighborhood: Nov 1 - Nov 7, 2020

Race/ethnicity distribution of persons with confirmed COVID

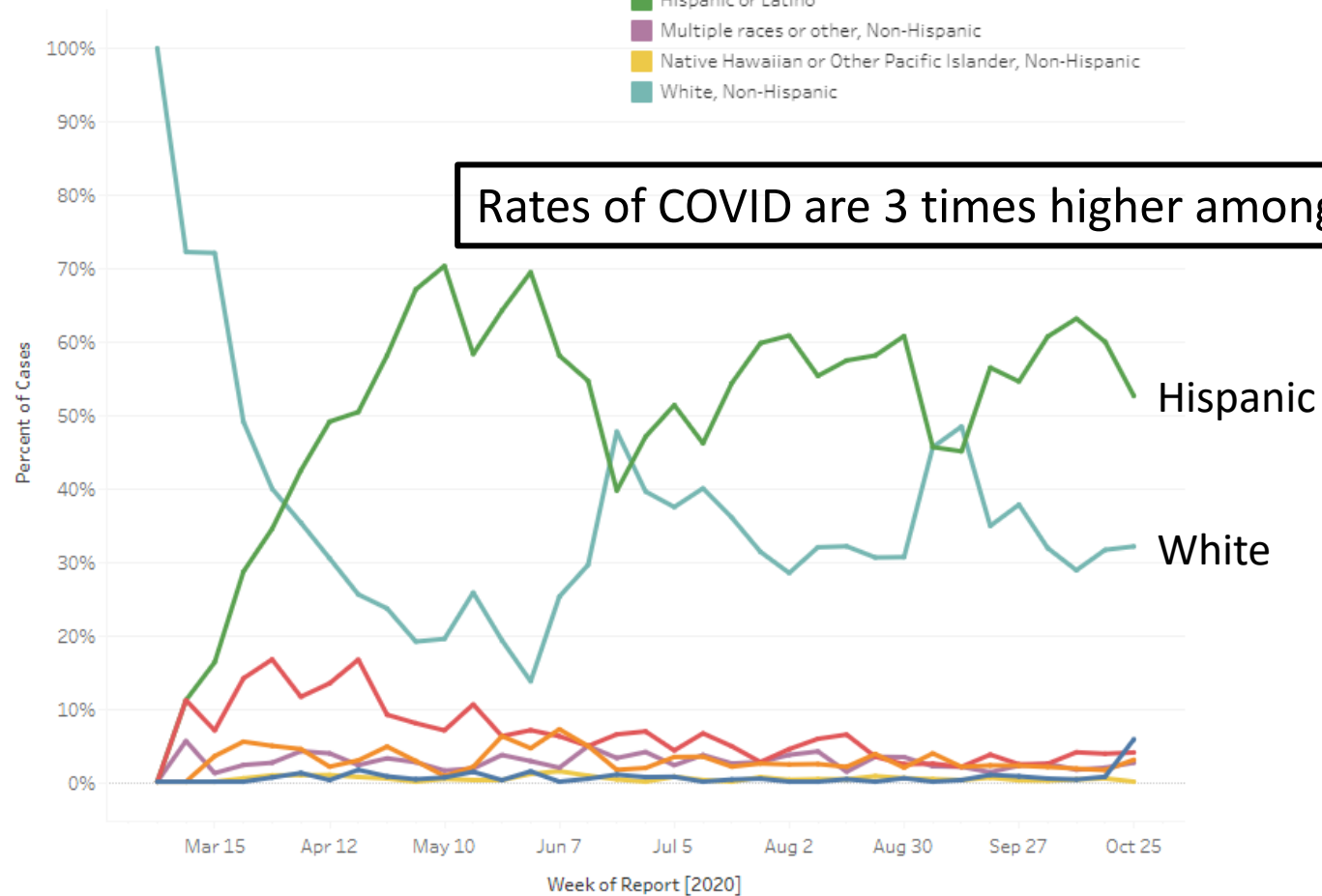
COVID-19 Percent of Cases by Race and Ethnicity

Denver COVID-19 Cases

● All Denver COVID-19 Cases

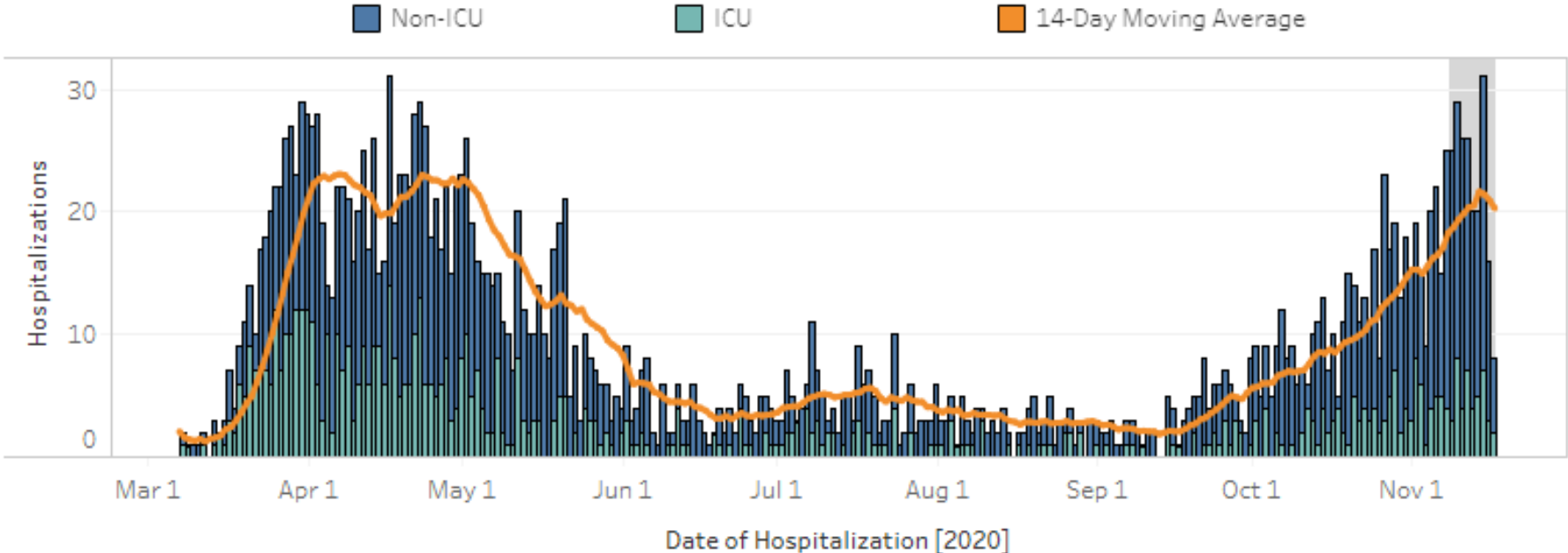
○ Denver COVID-19 Cases NOT in Congregate Settings

- American Indian/Alaskan Native, Non-Hispanic
- Asian, Non-Hispanic
- Black, Non-Hispanic
- Hispanic or Latino
- Multiple races or other, Non-Hispanic
- Native Hawaiian or Other Pacific Islander, Non-Hispanic
- White, Non-Hispanic



Hospital occupancy by persons with COVID, Denver County

New Denver County COVID-19 Hospitalizations



Data in the shaded area may be incomplete due to reporting delays.

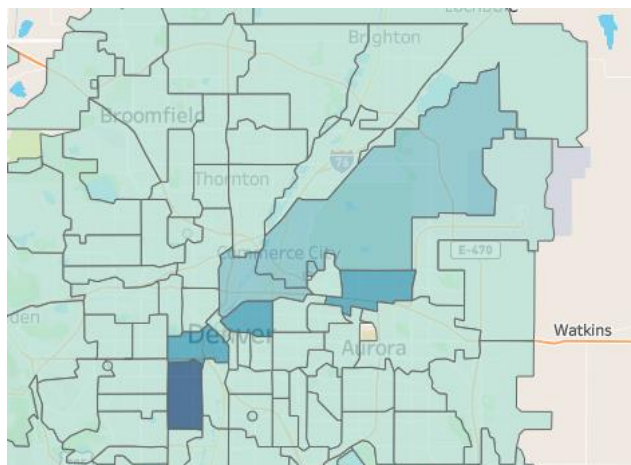
Data Source: Colorado Electronic Disease Reporting System (CEDRS)



Last Update: 11/18/2020 12:53:26 AM UTC

Immunizations – influenza, COVID

- Influenza – achieve high coverage, trial run for COVID vaccine
 - Collaboration with healthcare providers
 - Outreach vaccination events for persons with less access to healthcare (food bankc, shelters, jail, uninsured workers, Human Services offices, schools)
 - COVID prevention basics also prevent influenza (and other viruses)

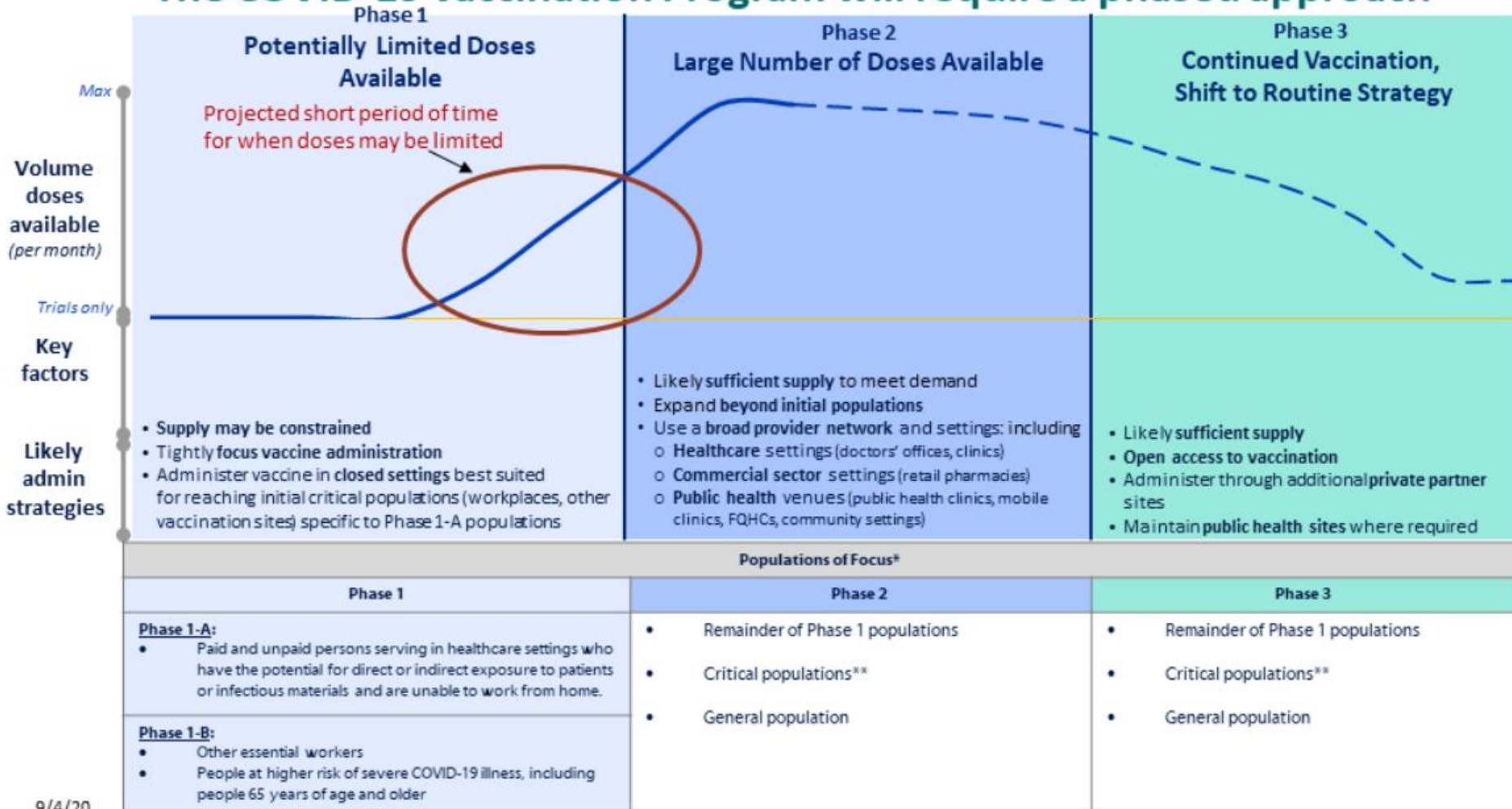


Pfizer's Early Data Shows Vaccine Is More Than 90% Effective

Pfizer announced positive early results from its coronavirus vaccine trial, cementing the lead in a frenzied global race that has unfolded at record-breaking speed.

- Messenger RNA vaccine – 1st in class
- 2 doses, one month apart
- Requires storage at -80 C
- State plan priorities – Tier 1
 - Hospital workers
 - Outpatient medical care
 - First-responders
 - Long-term care facility workers

The COVID-19 Vaccination Program will require a phased approach



Rough winter, and then a better spring

- Very high-level community transmission
 - Involving all ages
 - Focus on neighborhoods of poverty, Hispanics
- Rapid increase in hospitalizations
 - Improvements in care, but staffing shortages are already problematic
 - Rising death rates, due to increased cases in high-risk persons
- Vaccine – may help with hospital staffing, likely to decrease community transmission by spring