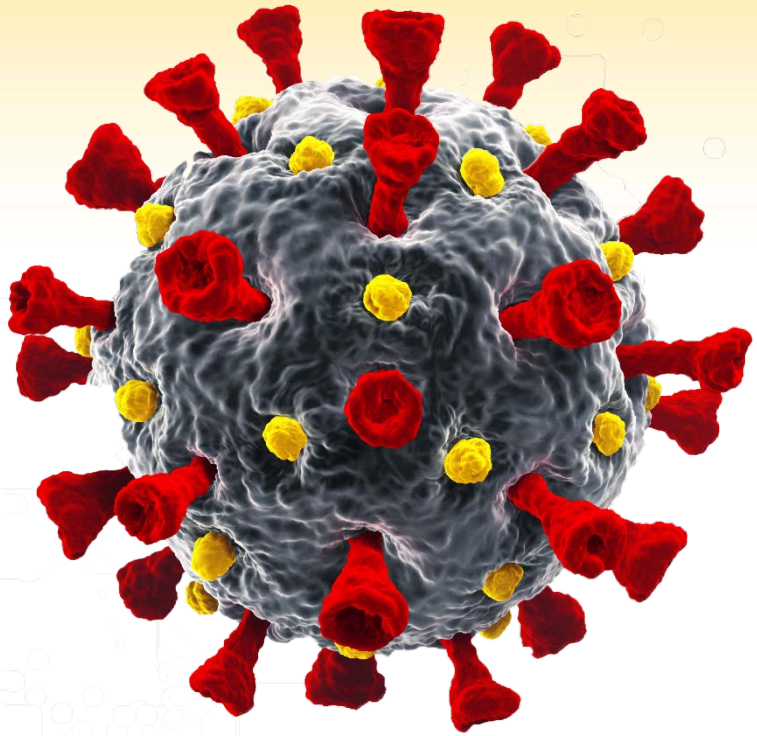


Boulder County COVID-19 Update

December 16, 2020

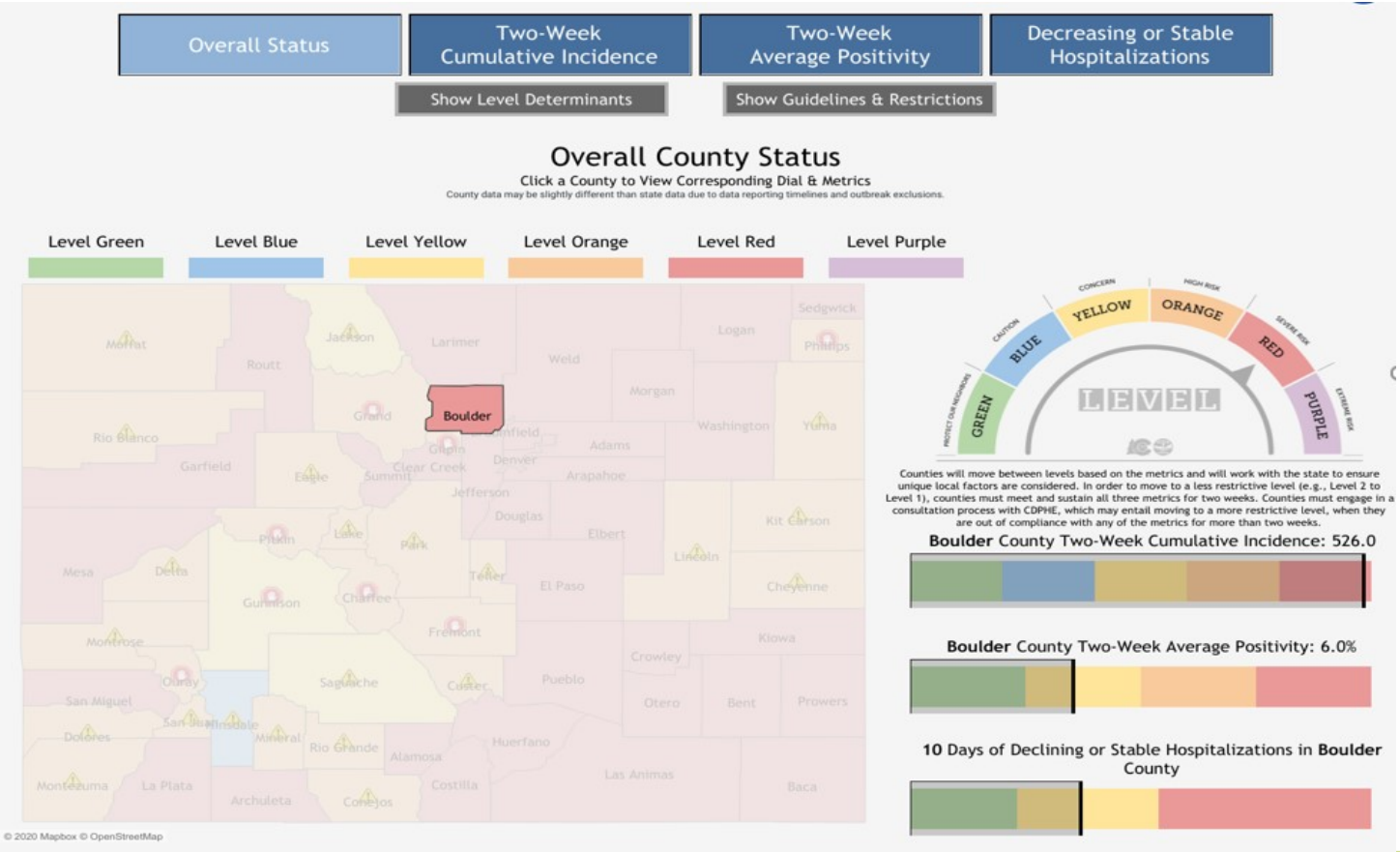
BOULDER COUNTY
PUBLIC HEALTH
Opportunity for a healthy life.

COVID Was Leading Cause of Death First Week in December

Table 1. Ranking of COVID-19 among the leading causes of mortality this week, assuming uniform deaths of non-COVID causes throughout the year

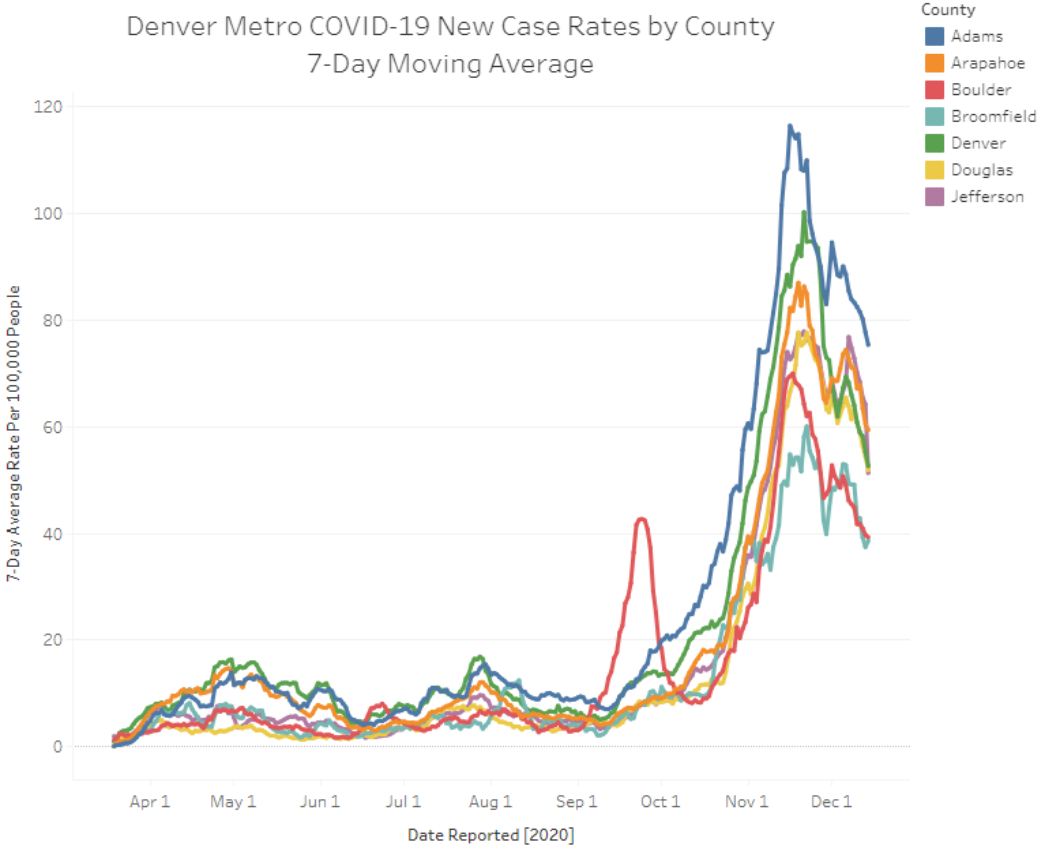
Cause name	Weekly deaths	Ranking
COVID-19	255	1
Ischemic heart disease	118	2
Chronic obstructive pulmonary disease	64	3
Stroke	49	4
Tracheal, bronchus, and lung cancer	45	5
Alzheimer's disease and other dementias	40	6
Chronic kidney disease	24	7
Cirrhosis and other chronic liver diseases	23	8
Colon and rectum cancer	22	9
Self-harm	21	10

Improving, but County Still in Red



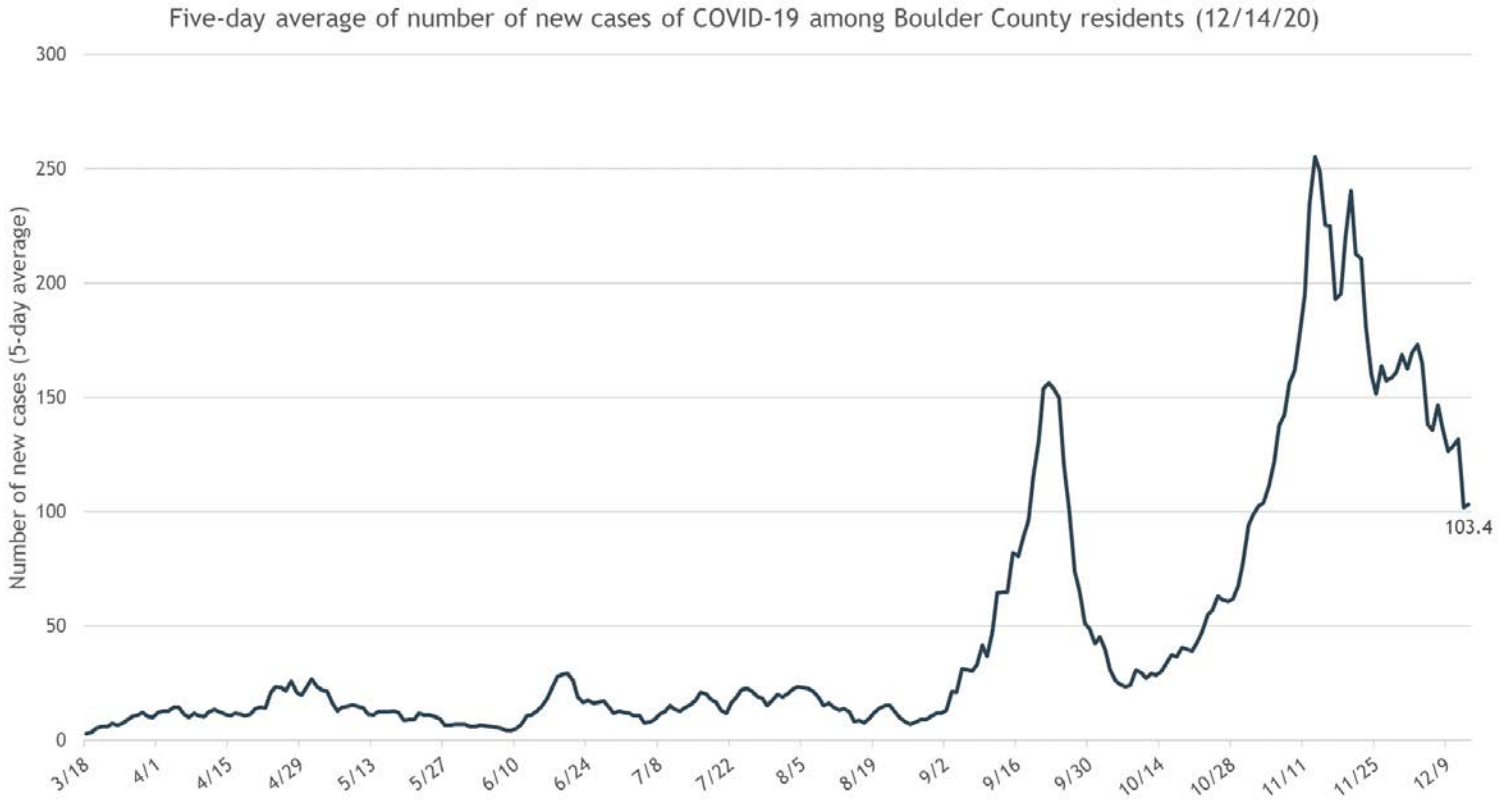
Source: CDPHE COVID Dial

Rate of New Cases in Region Declining



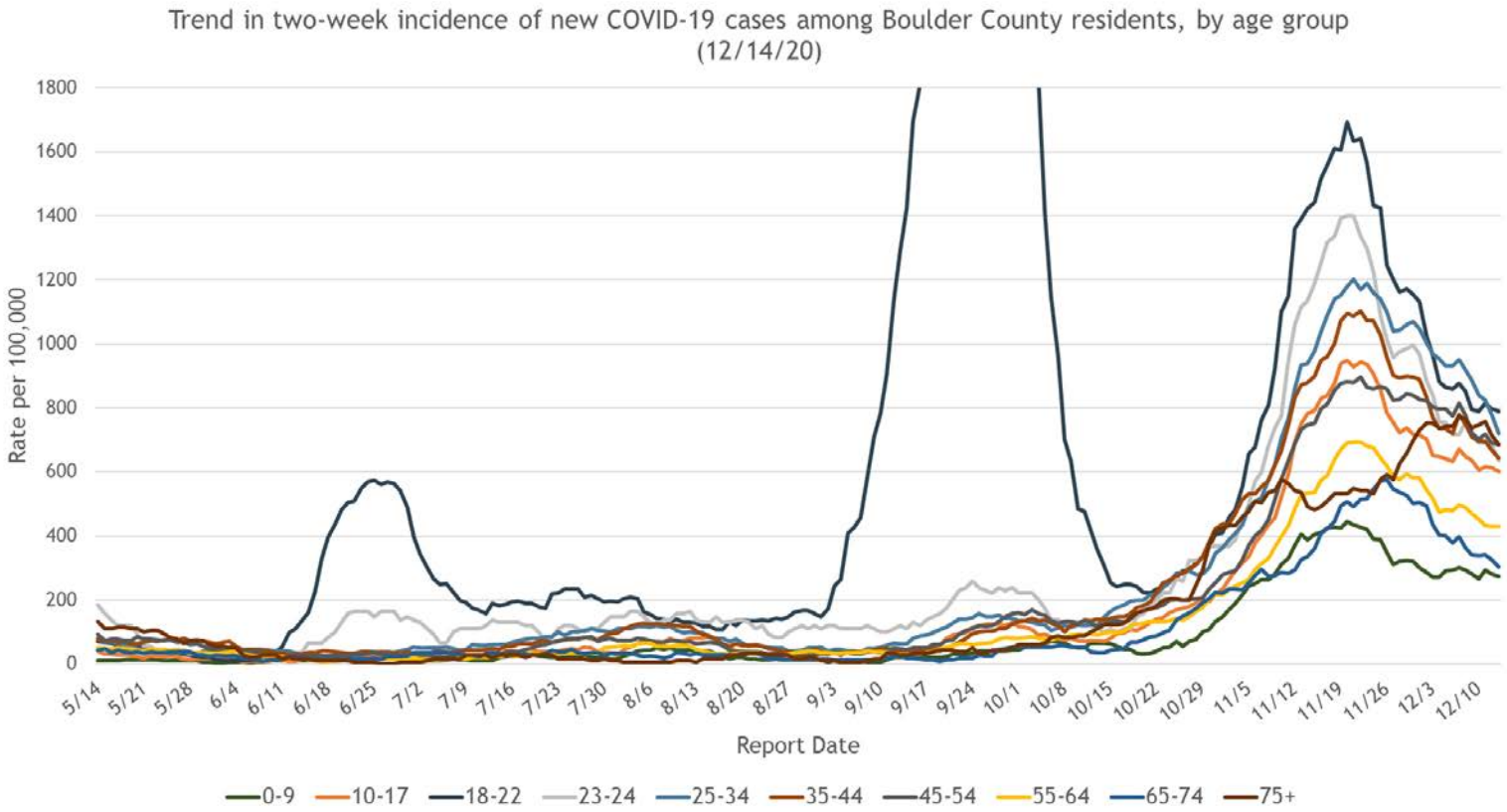
Source: Denver Public Health New Case Rates Dashboard; Colorado Electronic Disease Reporting System

New Cases in Boulder County Decline



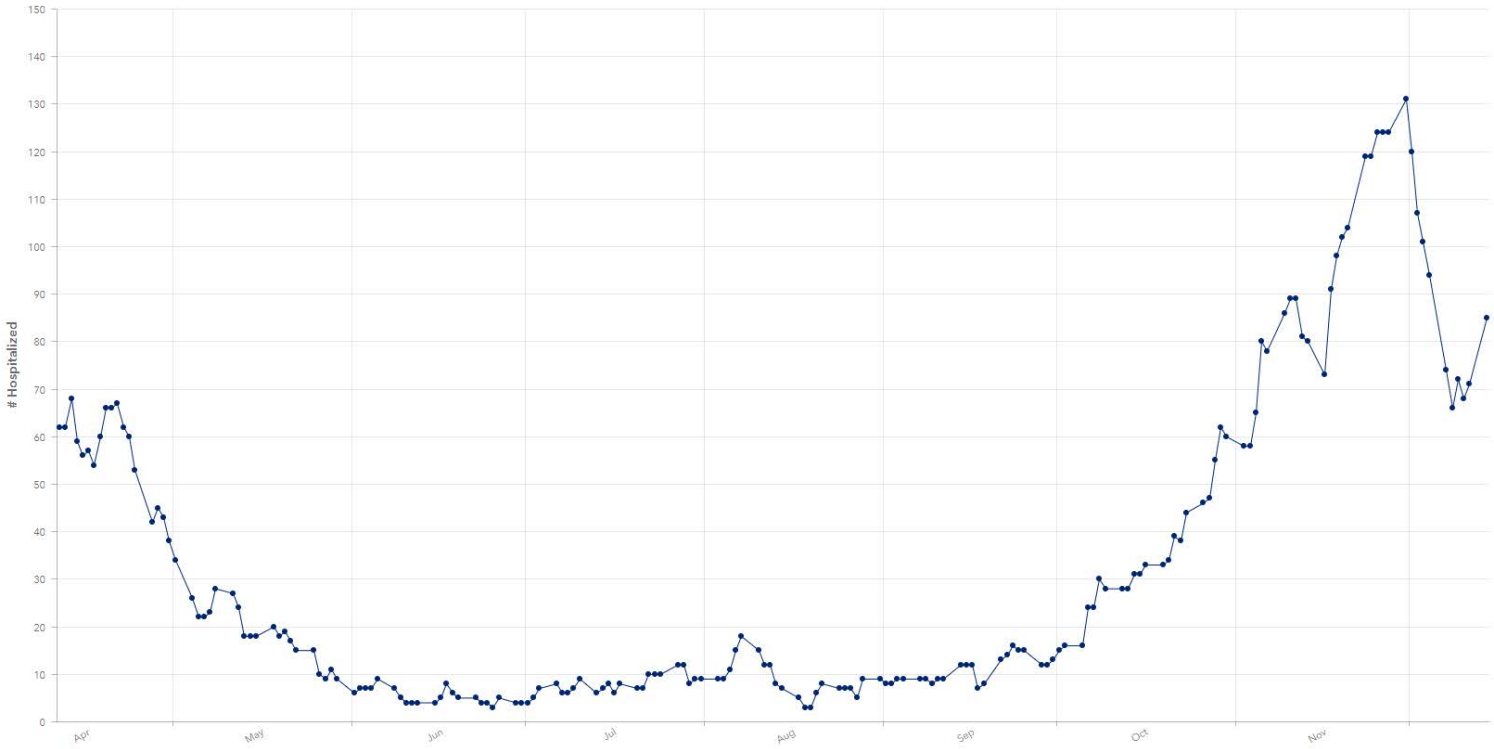
Source: Colorado Electronic Disease Reporting System

Protect Our Most Vulnerable



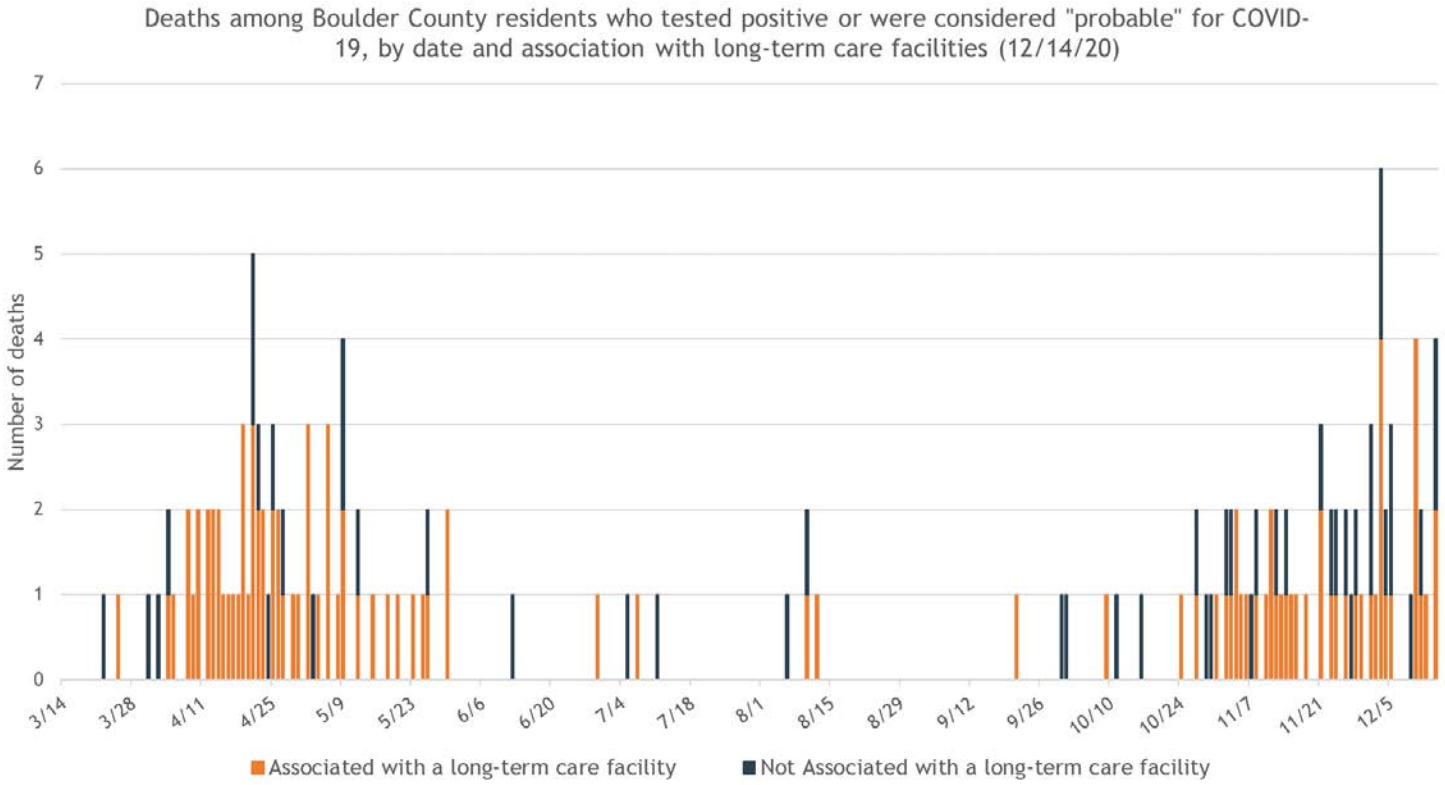
Source: Colorado Electronic Disease Reporting System

Hospitalizations in Boulder County on the Rise Again



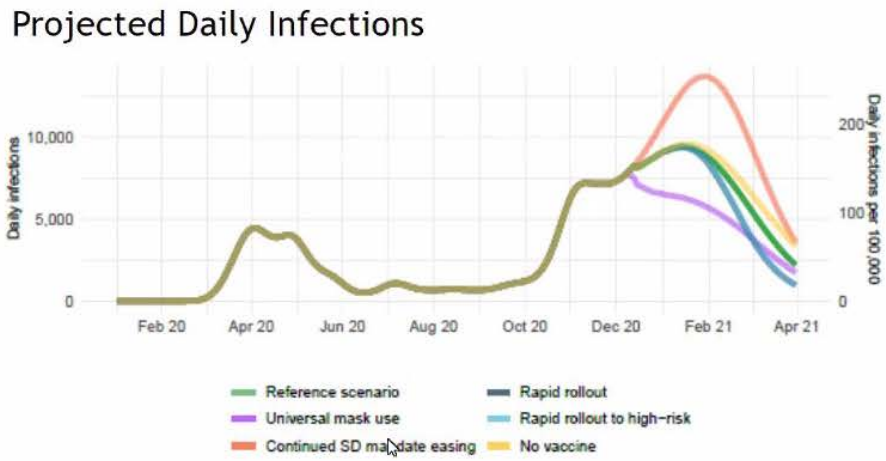
Source: EM Resource

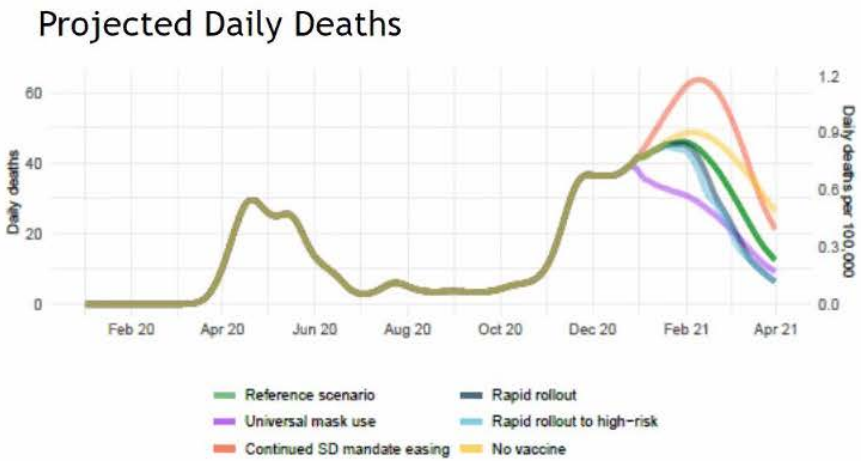
COVID-Related Deaths Rising



Source: Boulder County Epidemiology Investigations Team; Boulder County Coroner; Colorado Electronic Disease Reporting System

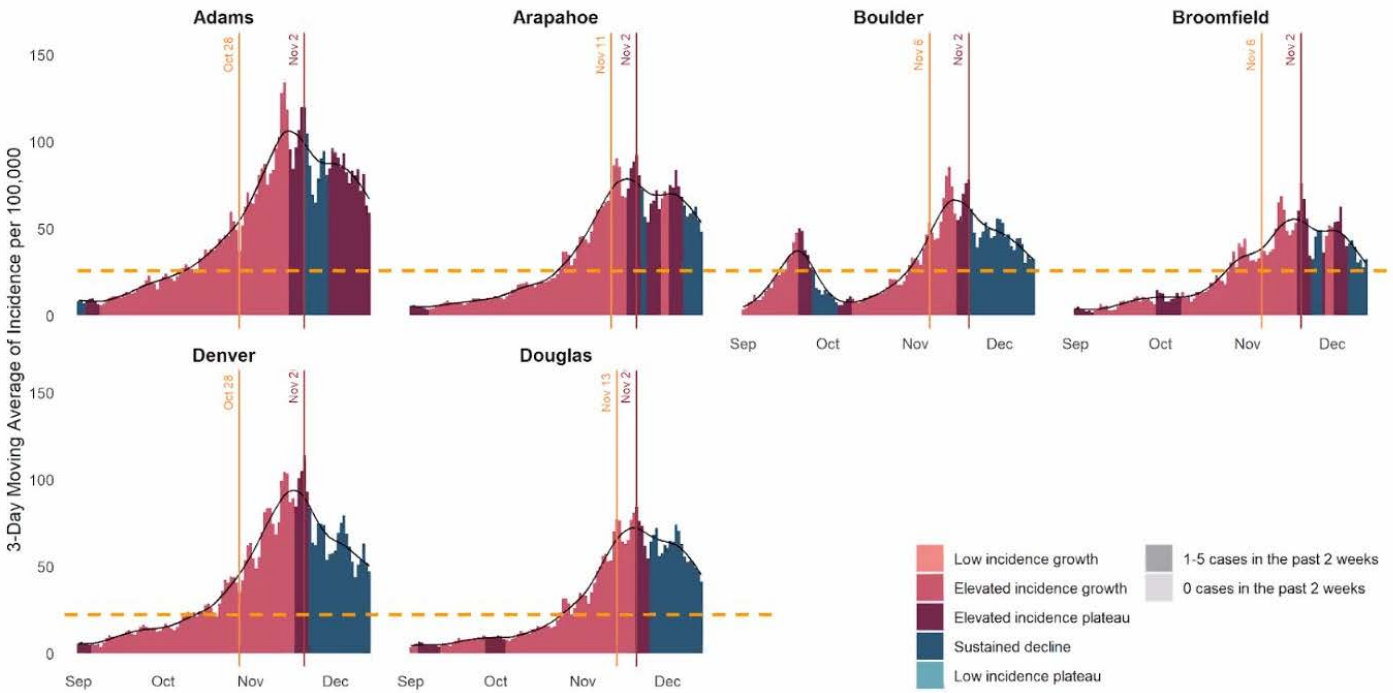
Masks Can Make a Major Difference



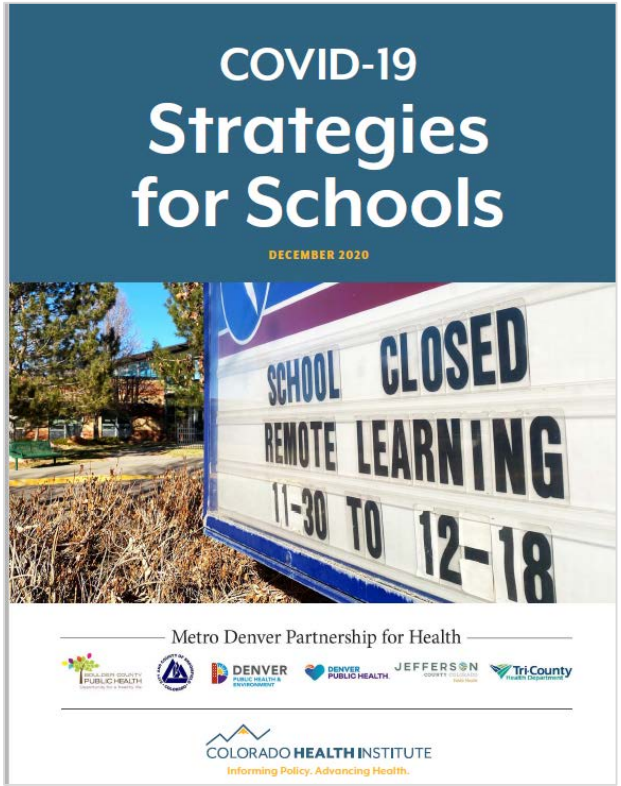


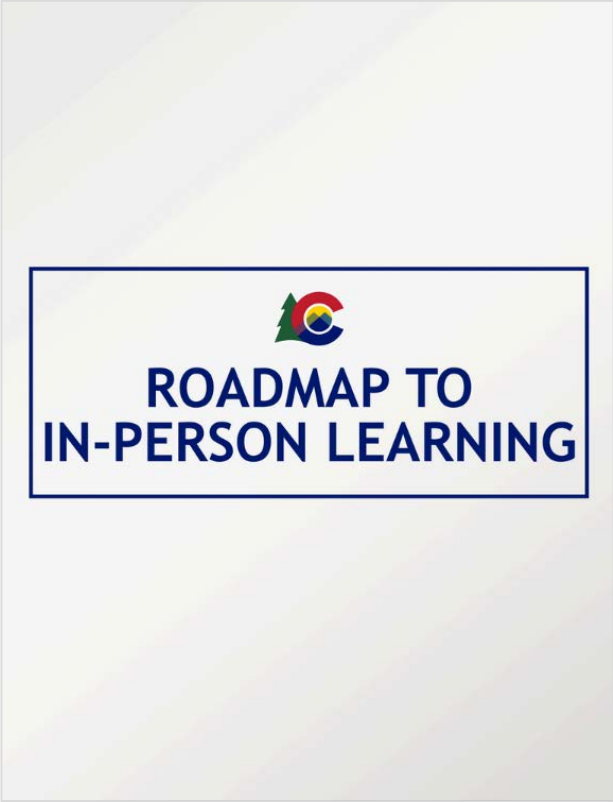
- By April 1, 2021, IHME projects 600 lives will be saved by the projected vaccine rollout (if rapid rollout were possible it could save an additional 400-600 lives).
- Universal mask coverage (95%) projects 1,000 lives saved by April 1, 2021.
- Daily impact of high mask use is greater than vaccine impact until at least April.

Policy Decisions are Reducing Cases



Working Towards In-Person Learning

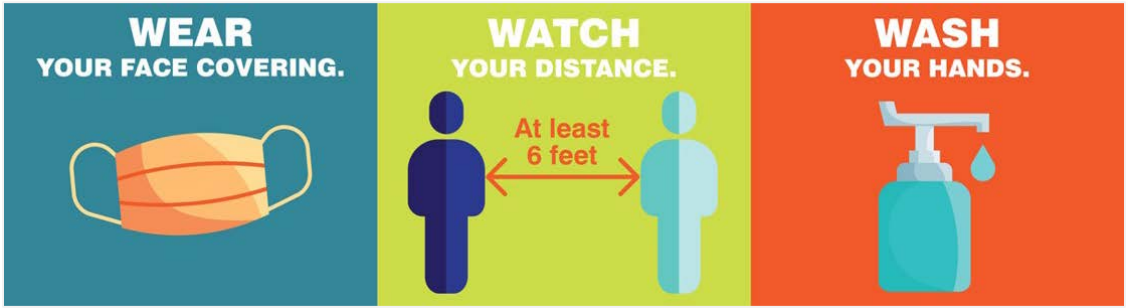




It’s Up to All of Us

- Estimated 1 in 40 people infectious statewide
  - ✓ 50% don’t know they have the disease/asymptomatic
  - ✓ Contact tracing capacity = ~1/5th of total cases statewide (this week)
- Roughly 16.5% of Colorado population infected
- Holiday travel
- Social gatherings
- Covid-19 fatigue

Keep it Up! There’s Hope!

- Policies & individual responsibility is working
- Number of cases stabilizing and decreasing some
- Vaccine on the way

What You Do Matters