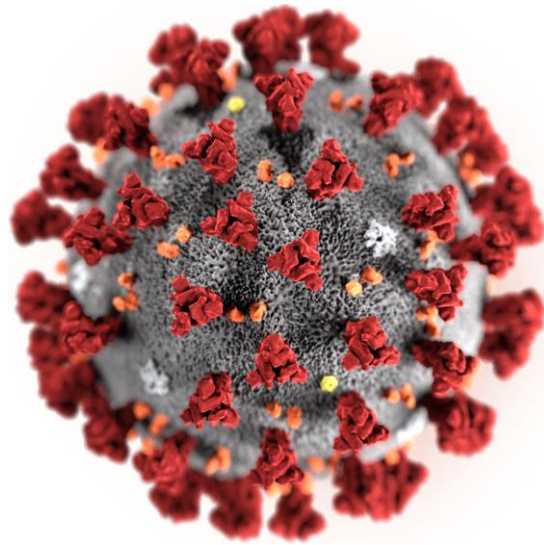


Colorado Springs City Council COVID-19 Update



Presented by: Dr. Robin Johnson, El Paso County Public Health Medical Director

Compiled with assistance from: Dr. Leon Kelly, El Paso County Public Health Deputy Medical Director/El Paso County Coroner and the Public Health Data and Analytics Office

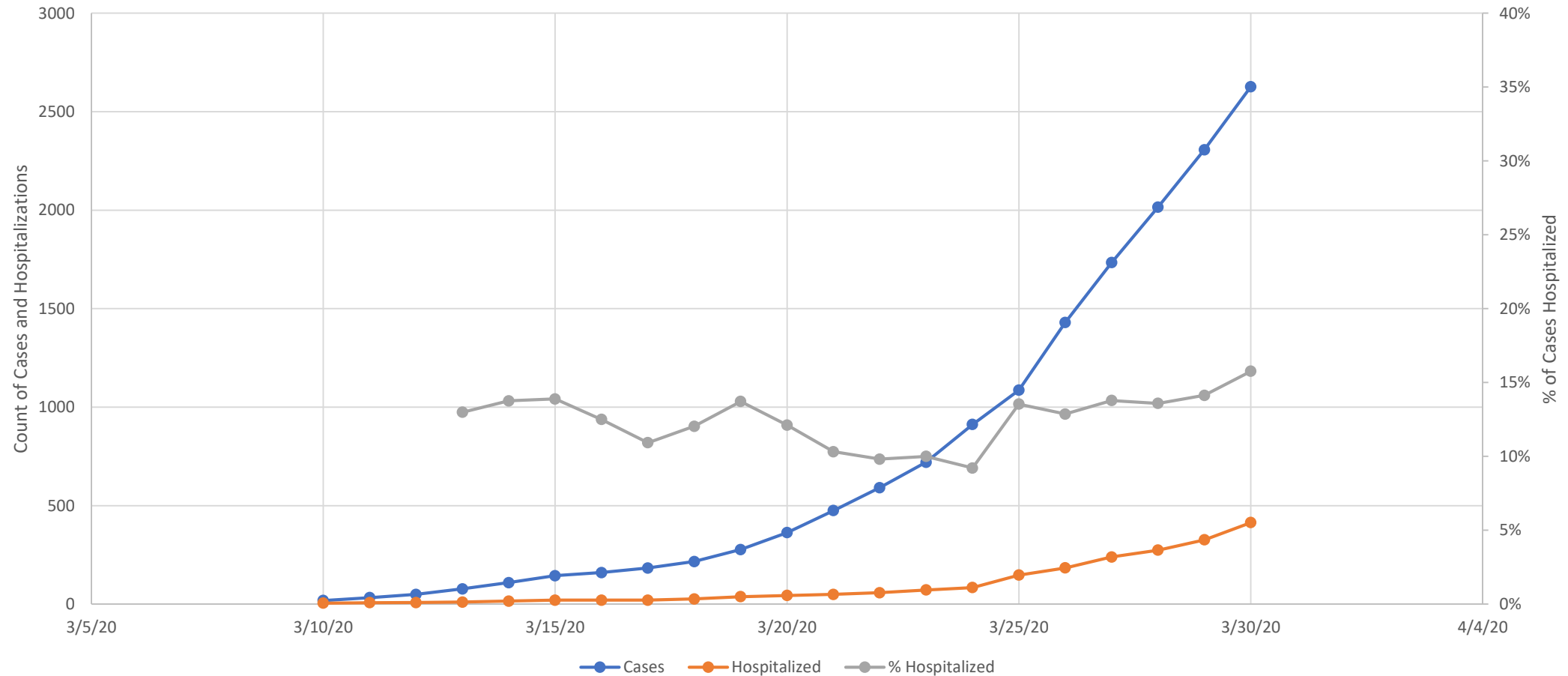
To: Colorado Springs City Council

Date: May 11, 2020



Where We Were One Month Ago

CO COVID-19
Cases and Hospitalizations
(30-Mar-2020)



What We Did During March and April

- Cases and contacts investigated by epidemiologists and issued quarantine/isolation letters
- Clusters and suspect cases of high-risk demographics were prioritized
- Public Health responded to daily calls from residents, providers, businesses, potential cases and others regarding complex COVID-19 inquiries
- Provided education and updates to public, leadership, and media regarding progress and emerging issues
- Faced with:
 - Limited testing and slow turnaround times
 - Limited personal protective equipment (PPE)

COVID-19 Response Objective and Strategies

Objective: Reduce the rate of COVID-19 virus spread to save lives and preserve our health care infrastructure

Strategies: Containment, mitigation and capacity building



“Stay at Home” to curtail spread



Increase TESTING capacity (152 tests per day per 100K = 1,140 per day)

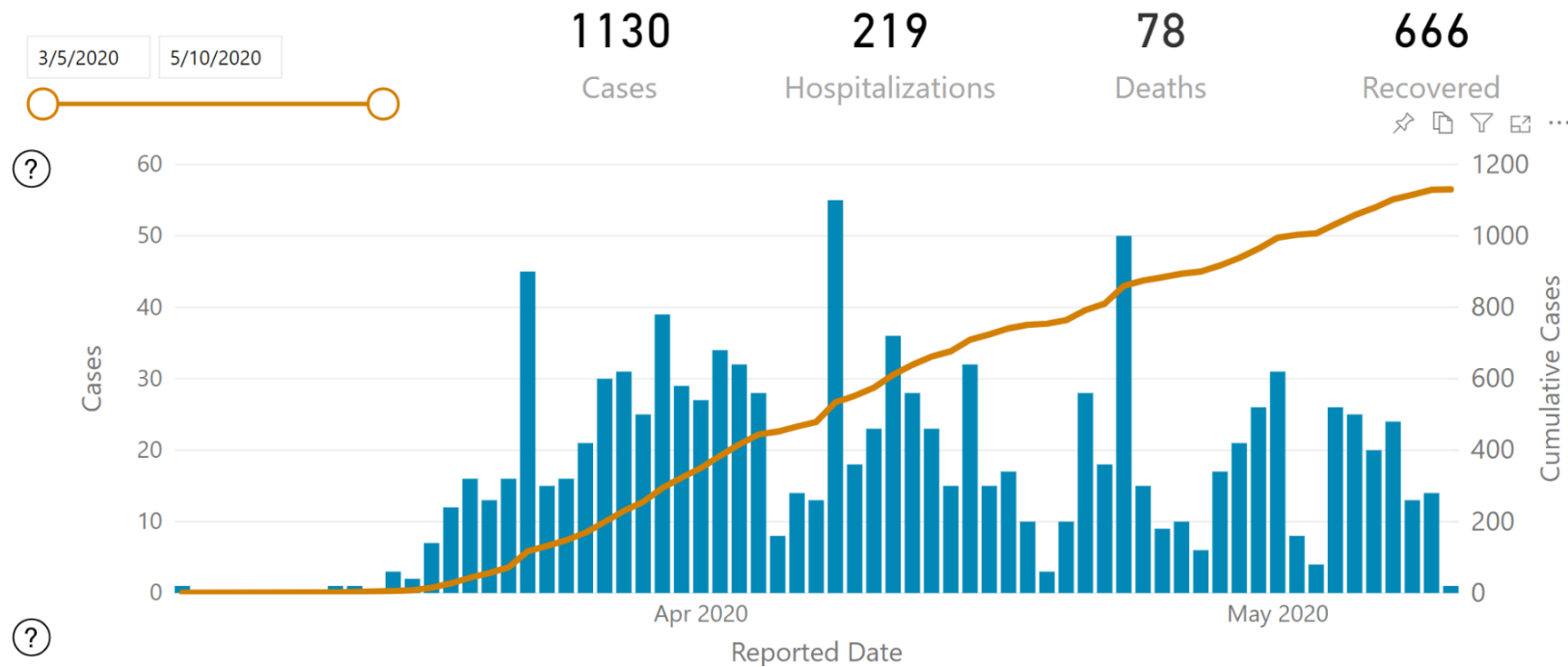


Increase CONTACT TRACING capacity (daily cases and outbreaks)



Increase HOSPITAL capacity to allow for treatment of COVID-19 and non-COVID-19 patients with non-crisis protocols

Public Health Data Dashboard

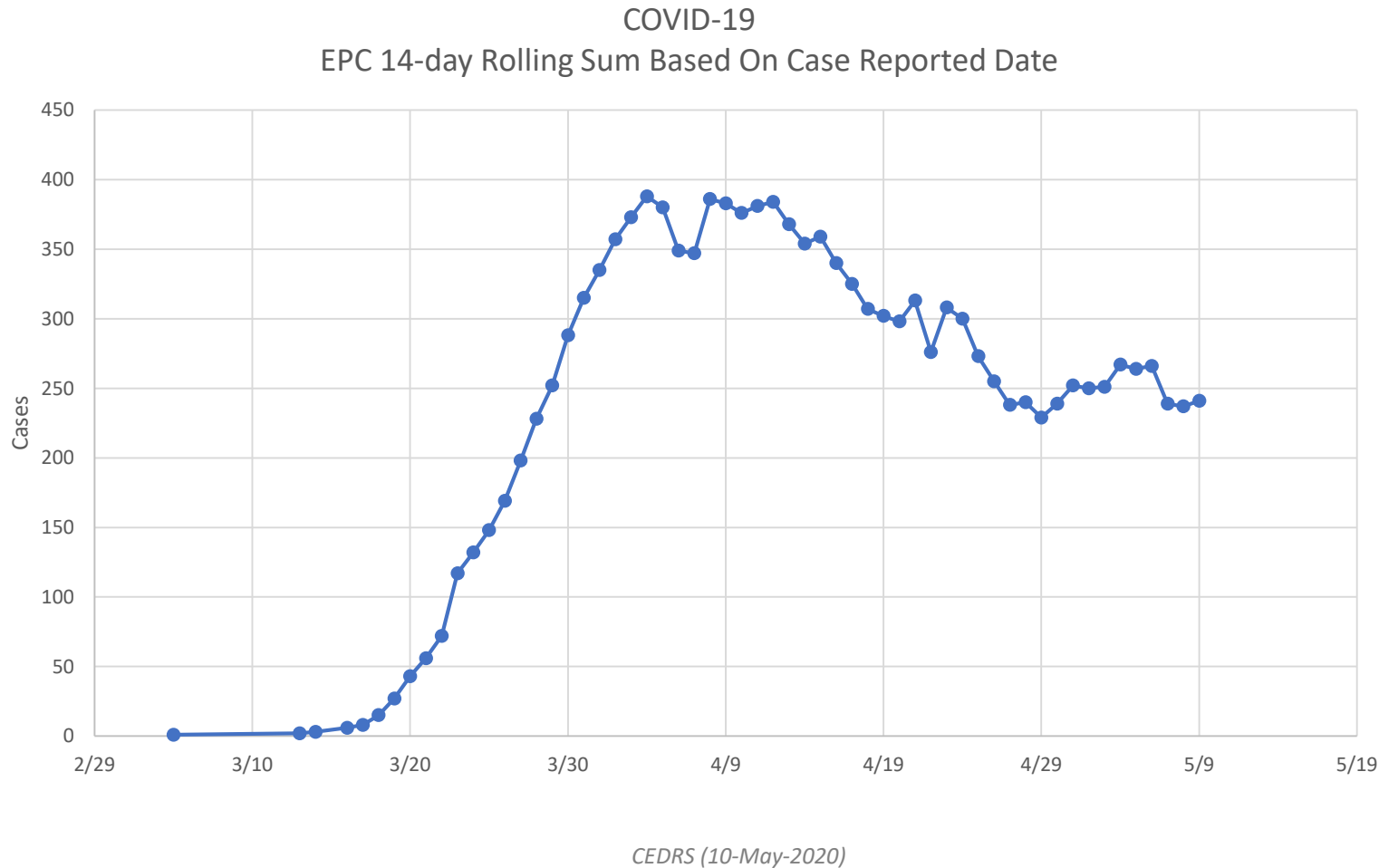


Description

- This screenshot is of the first page of El Paso County Public Health's data dashboard
- The orange line plots cumulative cases over time while the blue bars plot the day-to-day case count
- The recovered number refers to individuals who were not hospitalized and have surpassed a 14-day period since case was reported
- Actively interviewing recovered cases

CDPHE (10-May-2020)

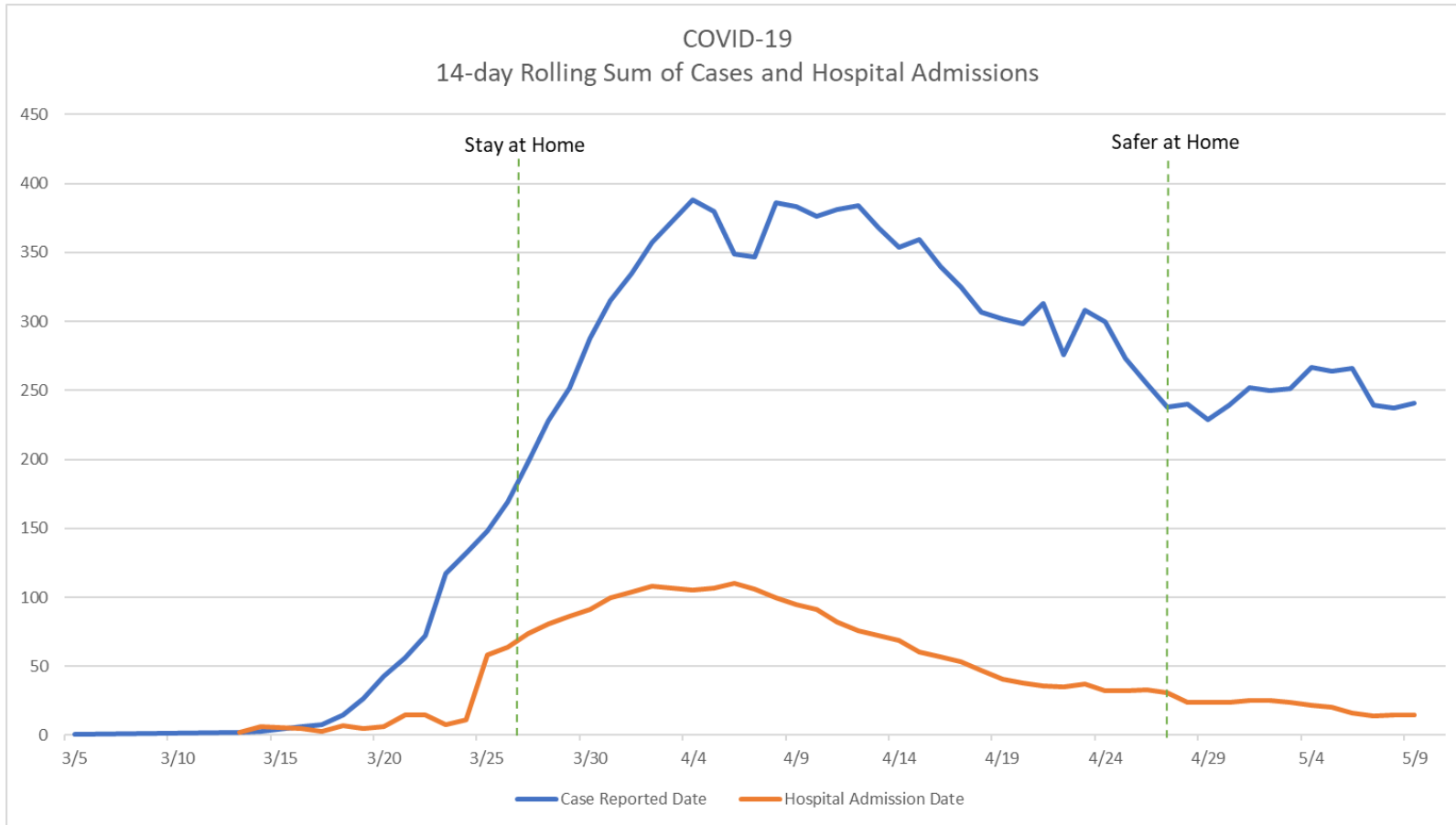
Weekly Trends



Description

- This graph shows the 14-day rolling sum of cases
- This is a crude representation of “active” COVID-19 cases over time

Weekly Trends

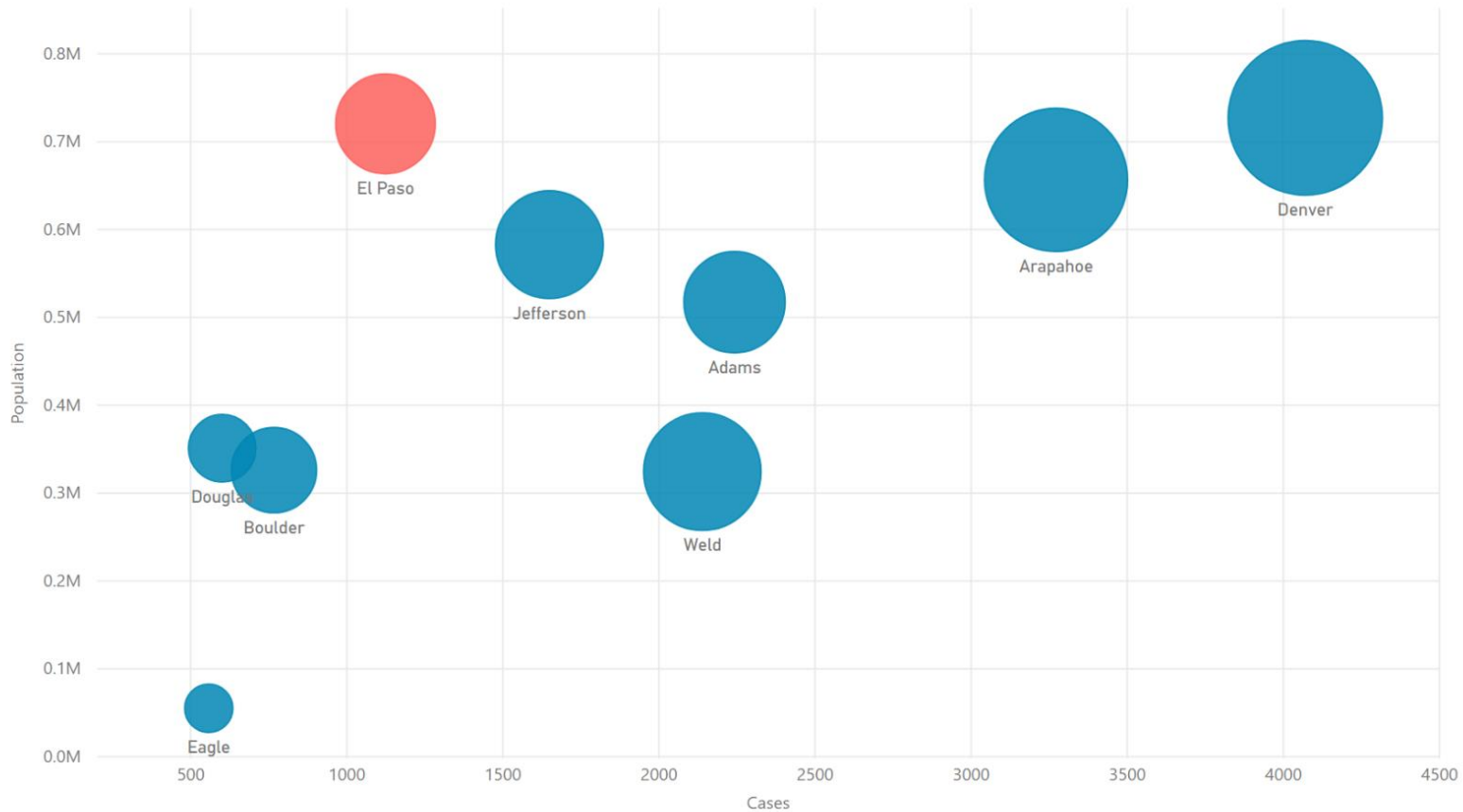


CEDRS (10-May-2020)

Description

- This graph presents the 14-day rolling sum of cases by reported date and sum of hospitalizations by admission date

Colorado Counties – Cases vs. Populations and Deaths

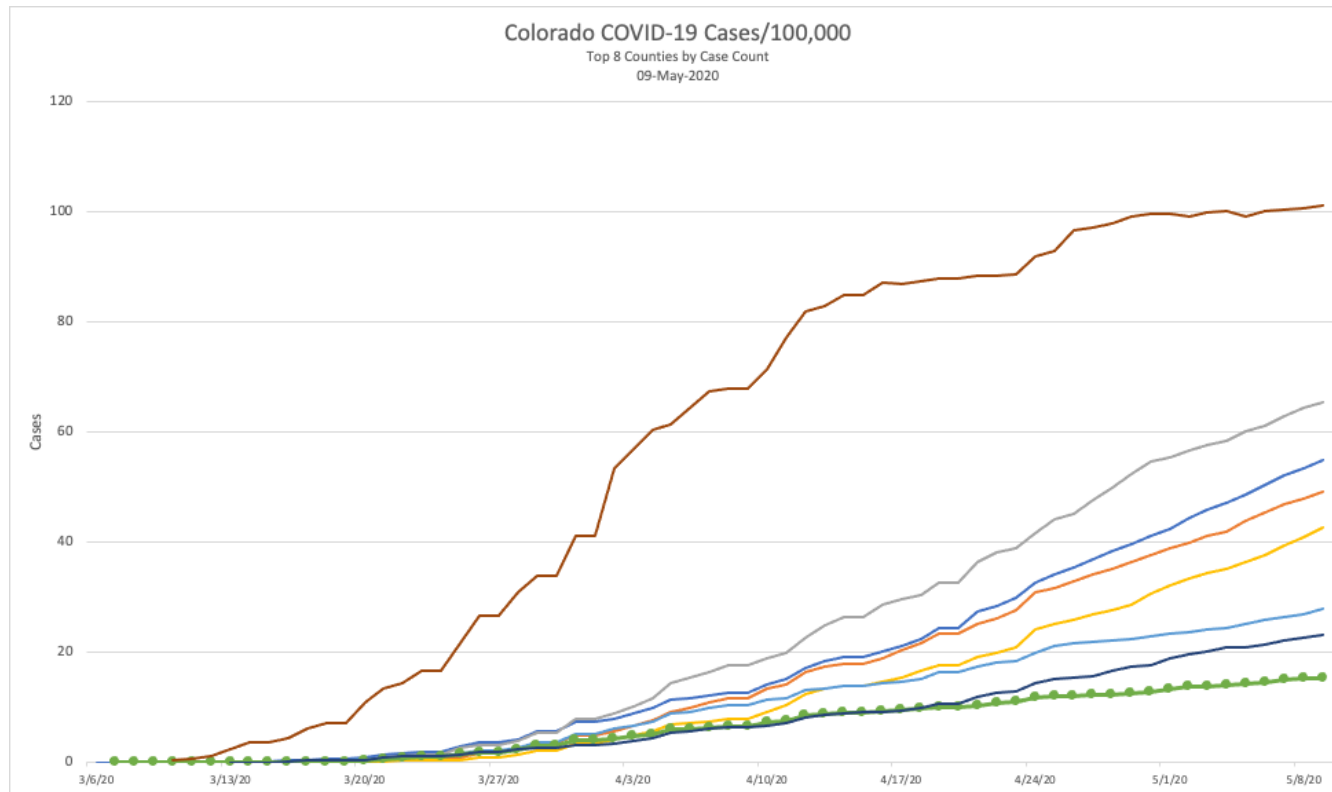


CDPHE (9-May-2020)

Description

- The bubble graph illustrates nine Colorado counties by total number of cases (x-axis) vs. population (y-axis), and the total number of COVID-19 deaths (circle size)
- Note that El Paso County's population is similar to that of Denver, but has a significantly lower number of cases and deaths

Colorado Counties – More Than 500 Cases (/100K)

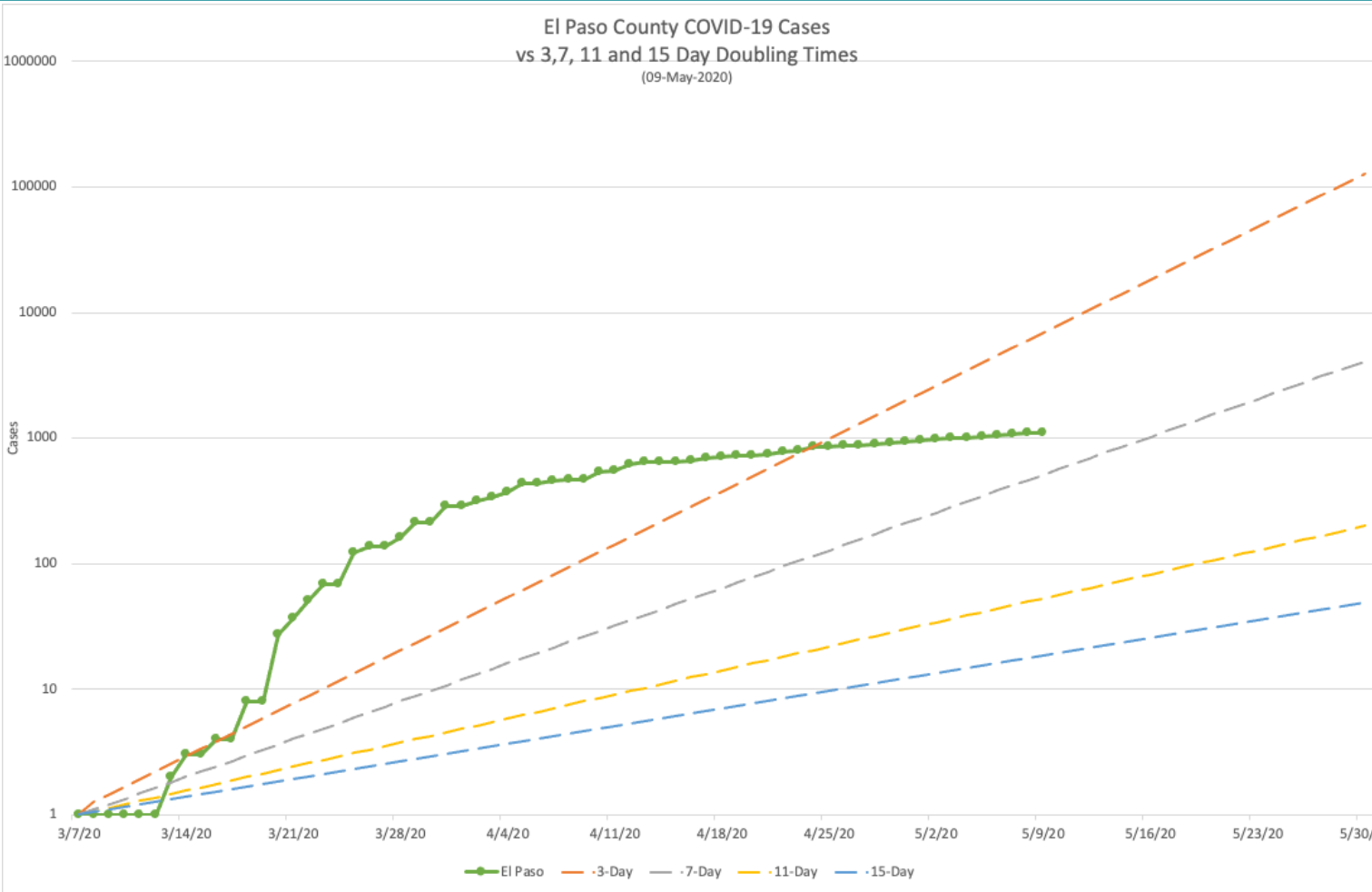


JHU-CSSE (09-May-2020)

Description

- This figure shows top eight Colorado counties by case count
- Note that El Paso County's cases per 100K have the lowest trajectory compared to other counties in Colorado

El Paso County – Cases vs. Doubling Times



JHU-CSSE (09-May-2020)

Description

- El Paso County COVID-19 cases over time vs. various doubling times

Testing Capacity

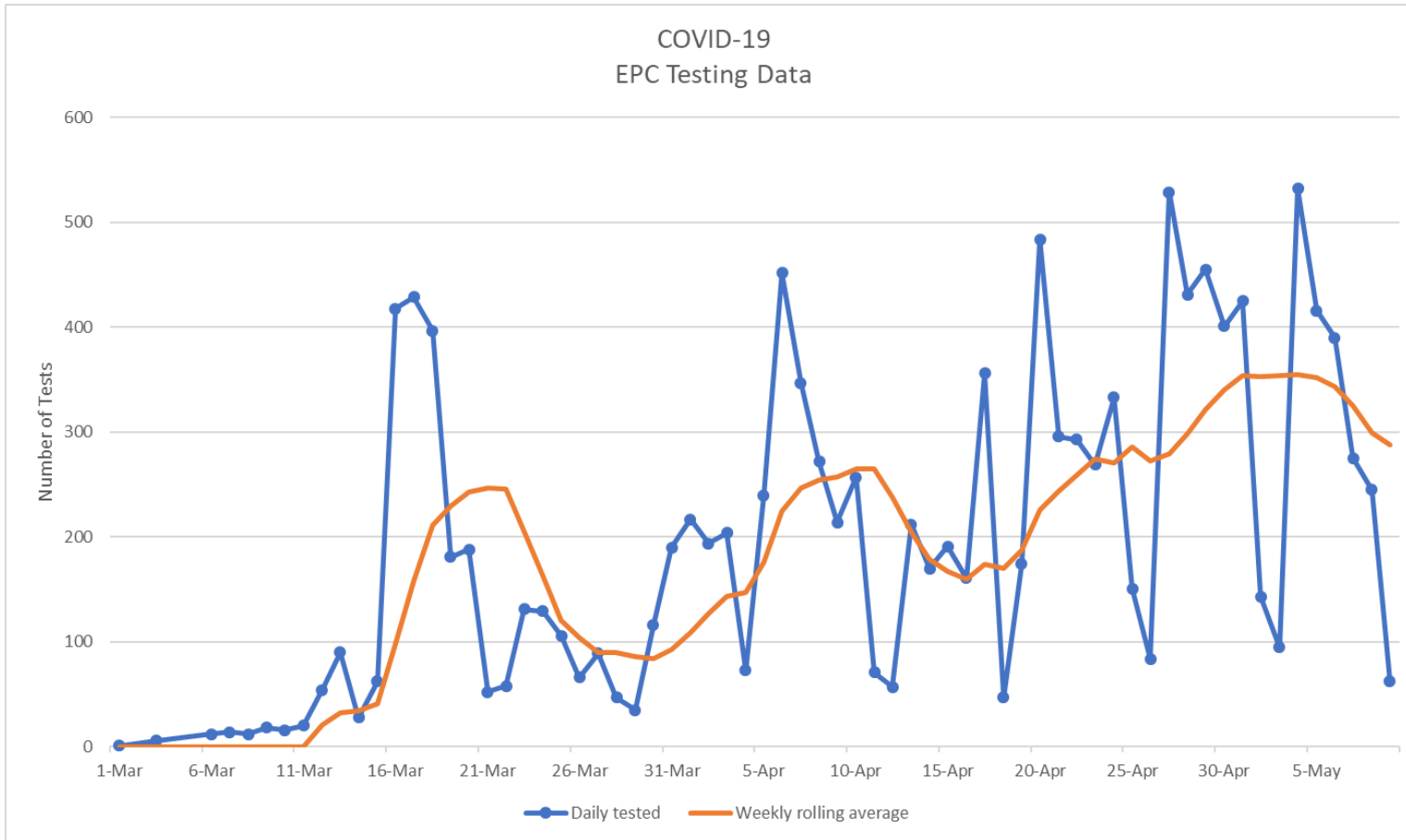
- **Gold Standard** is considered 152 tests per day per 100,000 people
- Population of El Paso County equals approximately **1,140 tests per day**
- Present capacity with partners **approaches or exceeds** 1,100 tests per day
 - Mobile sites at UHealth and Peak Vista Community Health Centers (700 per day)
 - Hospitals
 - Military installations
 - Local primary care
 - Matthews-Vu Medical Group, Peak Vista Community Health Centers, Optum



Encourage all individuals with symptoms to get tested!



Testing Data



CEDRS Data (10-May-2020)

Description

- The blue line represents the daily number of tests collected
- The orange line represents the weekly rolling average of the number of tests collected

Contact Tracing Capacity

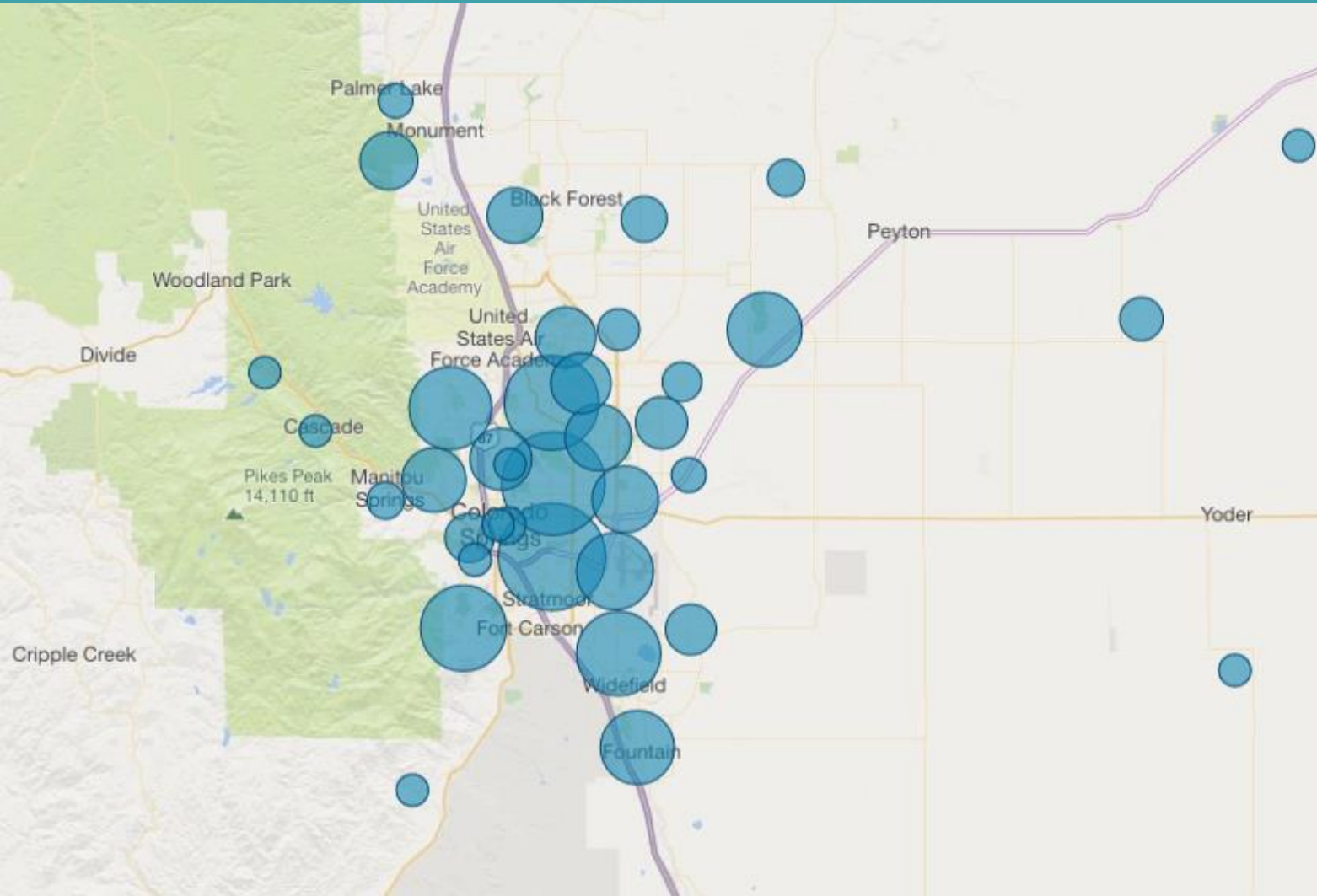


- **Strong Leadership** from Communicable Disease/Tuberculosis program
- Data Analysis for Trending
- Base Team = 7
- Expanded Team = 16
- Additionally:
 - New Hires = 2
 - Surge = 17
 - Medical Reserve Corps = 20
 - Recovery Investigators = 35
- Additional Tools for Efficiencies
 - Texting tool
 - Symptom tracker, etc.

Facts: COVID-19 in El Paso County

- 80 percent of all deaths have been among individuals 70 years or older
- 52 percent of all deaths in El Paso County are associated with long-term care facilities
- Average age of cases in El Paso County is 50 years compared to 66 years for hospitalized cases
- 54 percent of all cases in El Paso County are female, yet there are twice as many male deaths
- Emerging issues of morbidity

El Paso County



Cases by Location

CEDRS (09-May-2020)

Learning From Our Community's Experience

In partnership with University of Colorado, Colorado Springs students, El Paso County Public Health has been able to contact **a subset of recovered COVID-19 cases** (non-hospitalized and more than 14 days since case was reported).

Individuals were asked a variety of questions including resources available during isolation, current symptoms, barriers to seeking medical care, and an index of questions to learn more about **health disparities** and **inequities**.

Sample evidence

- *Did you have **access to resources** you needed during your time of isolation?*
 - 93% indicated **Yes** (thanks to family, neighbors, friends and medical care/Public Health)
 - 3% indicated **Somewhat** (e.g., getting groceries)
 - 4% indicated **No** (e.g., unemployment checks, medical care access)
- *Did you or someone in your household experience **loss of a job or wages**?*
 - 38% indicated **Yes**

Health Equity in El Paso County

Approaches & Strategies



COVID-19 - Health Equity Snapshots

- Human Services
- Joint Information Center



COVID-19 - Tracking Disparities

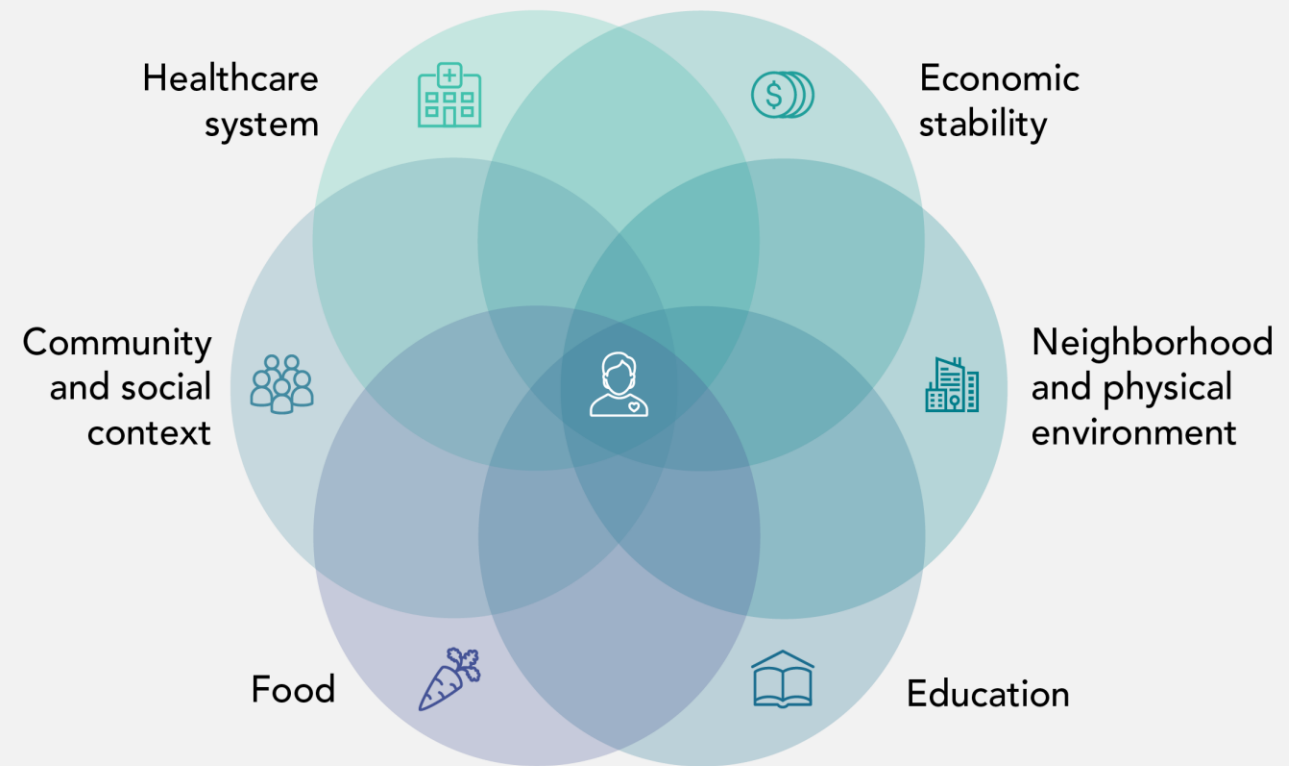
- Recovery Case follow-up
- Public 2-1-1 Calls



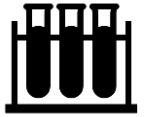
Next Steps

- Integrate a health equity lens
- Provide accessible, transparent data
- Coordinate resources for high disparity communities

SOCIAL DETERMINANTS OF HEALTH



Public Health Continues to Work On:



- Testing capacity



- Epidemiology investigations



- Data collection and analysis



- Sustainability of resources



- Pathophysiologic understanding of COVID-19



- Understand emerging diagnostics, immunology, vaccines and treatments



- Partner collaborations



- Communicate with elected leaders, media and public



- Development of emerging protocols and processes



- Social Determinants of Health



- Policy & waivers

Present COVID-19 Response Objective and Strategies

Objective: Support the increase of social and business activities while managing the spread of COVID-19; save lives and preserve our health care infrastructure.

Strategies: Community and public health data-driven staged approach



“Safer at Home” guidelines to manage spread



Increase TESTING – maintain capacity (152 tests per day/100K = 1,140 per day). Include new testing technologies as appropriate



Continue CONTACT TRACING (daily cases and contain outbreaks)



Sustain HOSPITAL capacity to allow for treatment of COVID-19 and non-COVID patients with non-crisis protocols



Support the community through the COVID-19 response

SAFER AT HOME IN EL PASO COUNTY



Public Health Orders

- Colorado Department of Public Health and Environment (CDPHE) issued Public Health Order 20-28 on April 27, 2020
- Amended on May 4, 2020
- Replaced Public Health Orders 20-22 and 20-24, in place since March 16 and March 22
- All issued as directed by Governor through Executive Orders

Where We Were - Individuals

- **Prohibited** from leaving residence except for Necessary Activities
 - Engage in tasks essential to health and safety of household
 - Obtain necessary services and supplies for household
 - Outdoor activity with members of household
 - Work at Critical Business or Critical Government Function
- All gatherings prohibited

Where We Were - Businesses

- Only Critical Business and Critical Government Functions could continue in-person operations, complying with Social Distancing Requirements
- 13 categories of Critical Business-including:
 - Health care
 - Critical Infrastructure and Manufacturing
 - Critical Retail and Services
 - Construction
- Restaurants and bars provided curbside pickup and delivery

Where We Are Now - Individuals

- **Encouraged** to stay home as much as possible and avoid unnecessary interactions
- Urged to wear a cloth face covering over nose and mouth whenever you leave your residence or property
- Public and private gatherings limited to 10
- Vulnerable Individuals urged to stay home except to seek medical care and can't be compelled to perform in-person work
- If you're sick, you must stay home except to seek medical care

Where We Are Now - Recreation

- Outdoor recreation allowed, in groups no bigger than 10
- Must practice Social Distancing – keep 6 feet apart
- Travel for recreation should be limited to within your own county
- **Gyms are closed** – except classes or personal training sessions limited to members of same household or mixed group of four that complies with Social Distancing Requirements
 - Can't share equipment unless in same household
- No team sports
- Campgrounds are closed

Where We Are Now - Business

- ON APRIL 27...
 - Critical Business and Critical Government Functions continue
 - Field Services resume: service provided in field as opposed to the company's property, including at third-party private properties
 - Limited Health Care Setting services resume: locations where certain health care services provided
 - Non-Critical Retail can offer curbside-drive-through or drive-up service

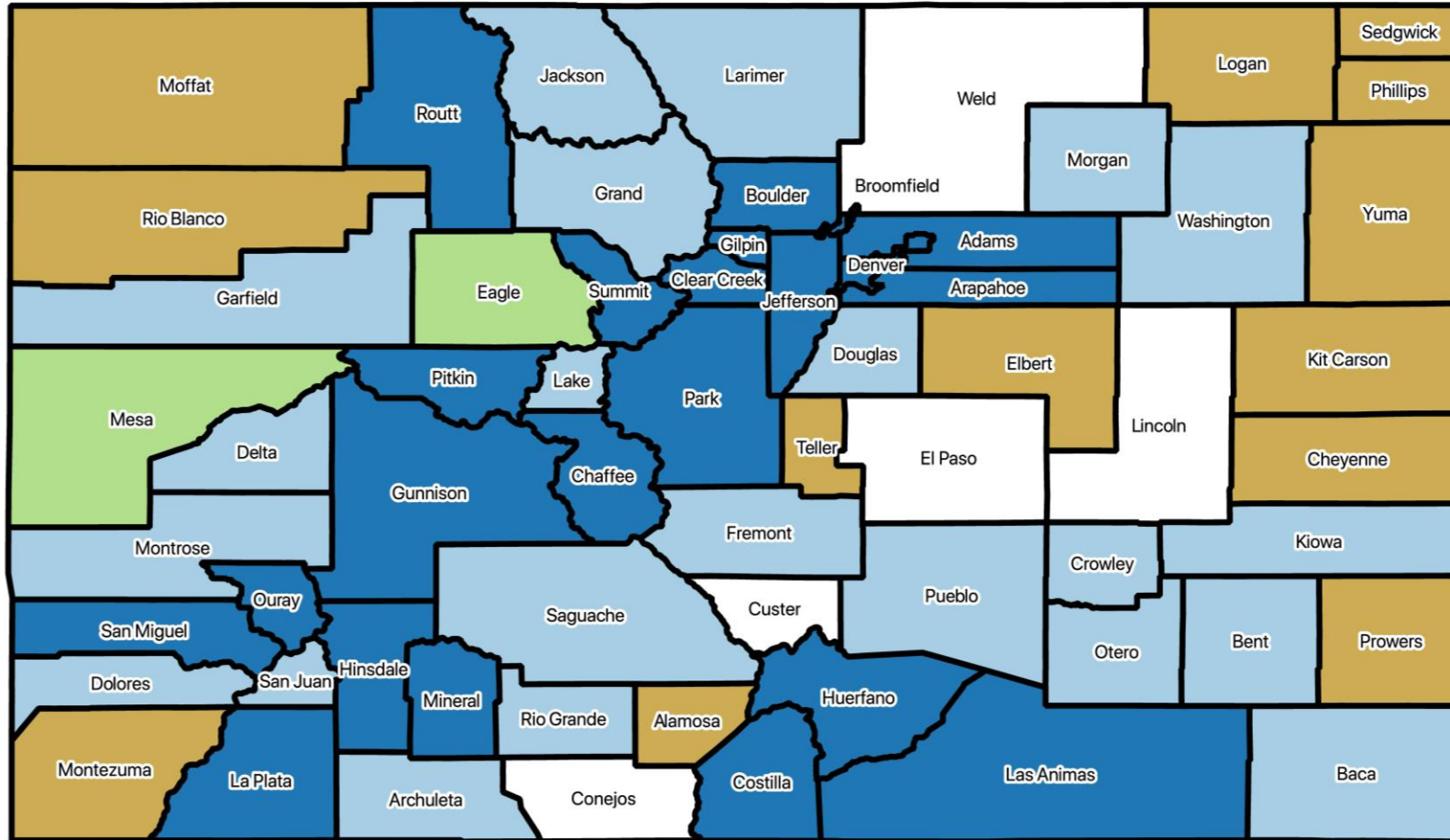
Where We Are Now - Business

- ON MAY 1...
 - Non-Critical Retail may resume in-person services at 50% capacity
 - Personal Services resume: services and products not necessary to maintain an individual's health or safety-or the sanitation or essential operation of a business or residence
 - In a single location, 10 total people or 50% occupancy, whichever is lower
- ON MAY 4...
 - Non-Critical Office-Based Businesses may allow up to 50% of employees to resume in-person work
 - Non-Critical Manufacturing may reopen with no more than 10 employees

Where Other Counties Are Now

- EAGLE COUNTY
 - Campgrounds and picnic areas open
 - Limited opening of non-critical businesses - but restaurants and bars still closed; no more than 10 total employees and customers, with limited exceptions
- MESA COUNTY
 - Only 39 COVID-19 cases and no deaths on April 27
 - Restaurants and fitness centers open at 30% capacity
 - Places of worship limited to 50 participants
- DENVER METRO AREA
 - Adams, Arapahoe, Boulder, Broomfield, Denver, Jefferson Counties Stay-at-Home orders in place until May 8
- PITKIN COUNTY Stay-at-Home order in place until May 9

Colorado Counties - Safer-At-Home



Updated:
May 4, 2020 2:30 pm
Trent Pingenot

- State's Safer-At-Home Approach
- More Restrictive* than State's Safer-At-Home Approach
- Requesting State Waiver
- State Exemption Granted*
- Unknown

* Please note that the variations in restrictions may be minor and limited to a specific economic sector(s) and/or differing phase-in dates.

General Business Requirements

- Businesses have several operational requirements related to disease mitigation in the workplace, for employees, and for customers
 - Social distancing – 6-foot separation
 - Disinfection
 - Signage
 - Employee and customer symptom screening
 - Mask and glove requirements

General Business Considerations

- Which category does your business fit in?
 - If it is not specifically permitted to be open, then you cannot open, even if you can meet social distancing, capacity, and other disease mitigation requirements
- Business-specific requirements take precedence over limit on gathering size

- Questions about the Public Health Order?
- Concerns about a possible violation?
- CALL 578-3176

QUESTIONS AND CONCERNS



QUESTIONS

