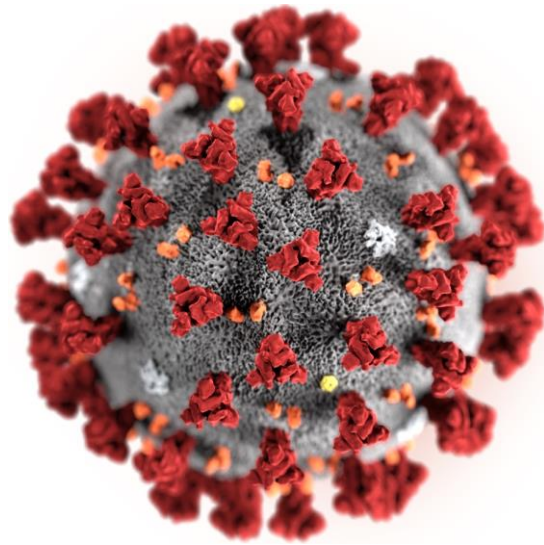


Colorado Springs City Council COVID-19 Update



Presented by: Susan Wheelan, El Paso County Public Health Director and Dr. Leon Kelly, El Paso County Public Health Deputy Medical Director/El Paso County Coroner

Compiled with assistance from: Dr. Robin Johnson, El Paso County Public Health Medical Director and the Public Health Data and Analytics Office

To: El Paso County Board of County Commissioners

Date: April 14, 2020



How Public Health Prepares for Emergencies: Robust Planning

- Emergency preparedness and response is a key priority for Public Health
- Public Health developed numerous preparedness and response plans after 9/11
- All Public Health staff are required to complete incident command system and emergency preparedness training during the first three months of hire, and additional trainings as related to their role
- Exercises are conducted to learn lessons and continually improve upon plans with state and local partners – including the Southcentral Healthcare Coalition
- Nearly half of Public Health staff (78, or 49.5%) have been re-assigned to COVID response activities to mount and sustain robust COVID-19 response



COVID-19 Response Highlights

El Paso County Public Health

- **Planning and Response:** Public Health has been leading the charge in organizing partners, including those from the Emergency Coordination Center (ECC), Incident Command System (ICS), Continuity of Operations planning, Emergency Preparedness, Coroner's Office, Pikes Peak Regional Office of Emergency Management (PPROEM) and the Joint Information Center (JIC).
- **Disease Control:** Working around the clock to investigate and conduct contact tracing of cases, issue isolation and quarantine letters, and identify proactive strategies for high-risk populations.
- **Data analysis and research:** Public Health Data team has been developing models and projections, working actively with hospitals, researching and studying COVID-19, guiding science and data-driven decisions.
 - This week we will be launching a new data dashboard live on our public-facing website
- **Communication:** Presenting accurate, transparent and credible information in this unprecedented pandemic and fast-paced, evolving situation.
- **Education:** Educating partners, citizens, businesses and people about etiology, epidemiology and appropriate standards of response to COVID-19.

COVID-19 Response Highlights Collaboration

Public Health Partners in the Community

- **Pikes Peak United Way:** Providing staff for the highly-utilized public call center for El Paso and Teller Counties. Providing financial assistance to residents including through the PPUW and Pikes Peak Community Foundation Emergency Response Fund.
- **PPROEM:** Facilitating PPE (personal protective equipment) and cloth mask donation drives for first responders and emergency staff.
- **Local Food Assistance:** The Salvation Army, COSILoveYou, Pikes Peak United Way, Care and Share Food Bank, Colorado Springs Food Rescue and Silver Key providing a variety of food assistance programs to those in need and the elderly.



COVID-19 Response Highlights Collaboration

Public Health Partners in the Community

- **Coroner's Office:** Ten Coroner's investigators assisting in epidemiological investigations and Dr. Leon Kelly serving as Deputy Medical Director.
- **UCCS Beth-El College of Nursing:** 35 students and 5 faculty members supporting epidemiological investigations and disease control measures.
- **UCHealth:** Hosted first local testing site and now FEMA-sponsored site, which was recognized by White House. Expanded testing for high-risk populations (health care workers, first responders, those over the age of 65)



COVID-19 Response Highlights Collaboration

Public Health Partners in the Community





- **Homeless Isolation Center:** City of Colorado Springs, Public Health, El Paso County and Community Health Partnership working together to set up Homeless Isolation Center in City Auditorium.
- **Local Schools:** Facilitating e-learning for students, providing technology tools to continue learning from home, providing free meals to students.
- **Business & Employment Resources:** Pikes Peak Small Business Development Center, Colorado Springs Chamber & EDC, and Pikes Peak Workforce Center assisting local businesses and individuals with coaching, financial assistance and employment services.





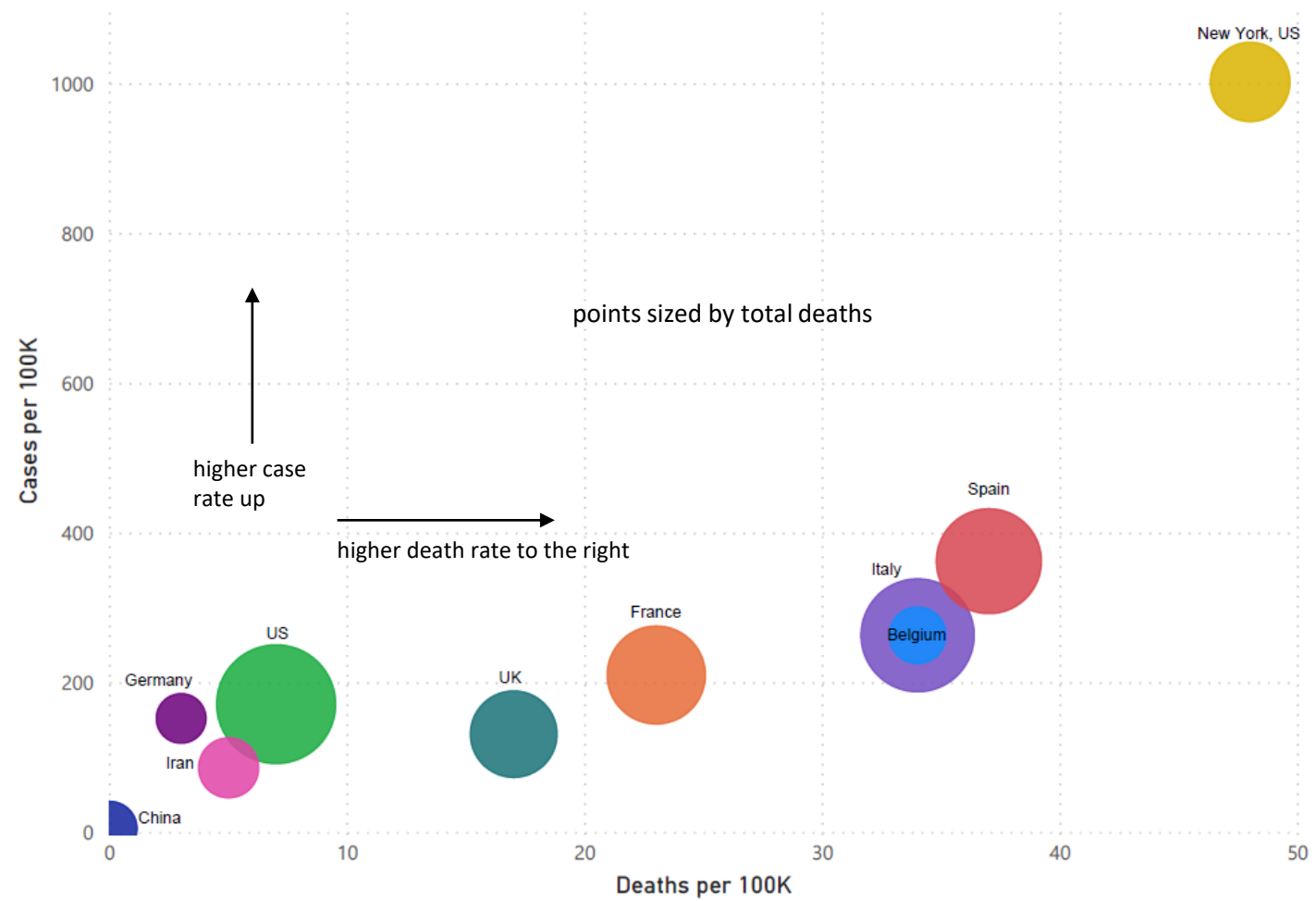


COVID-19 numbers as of 4 p.m. April 13

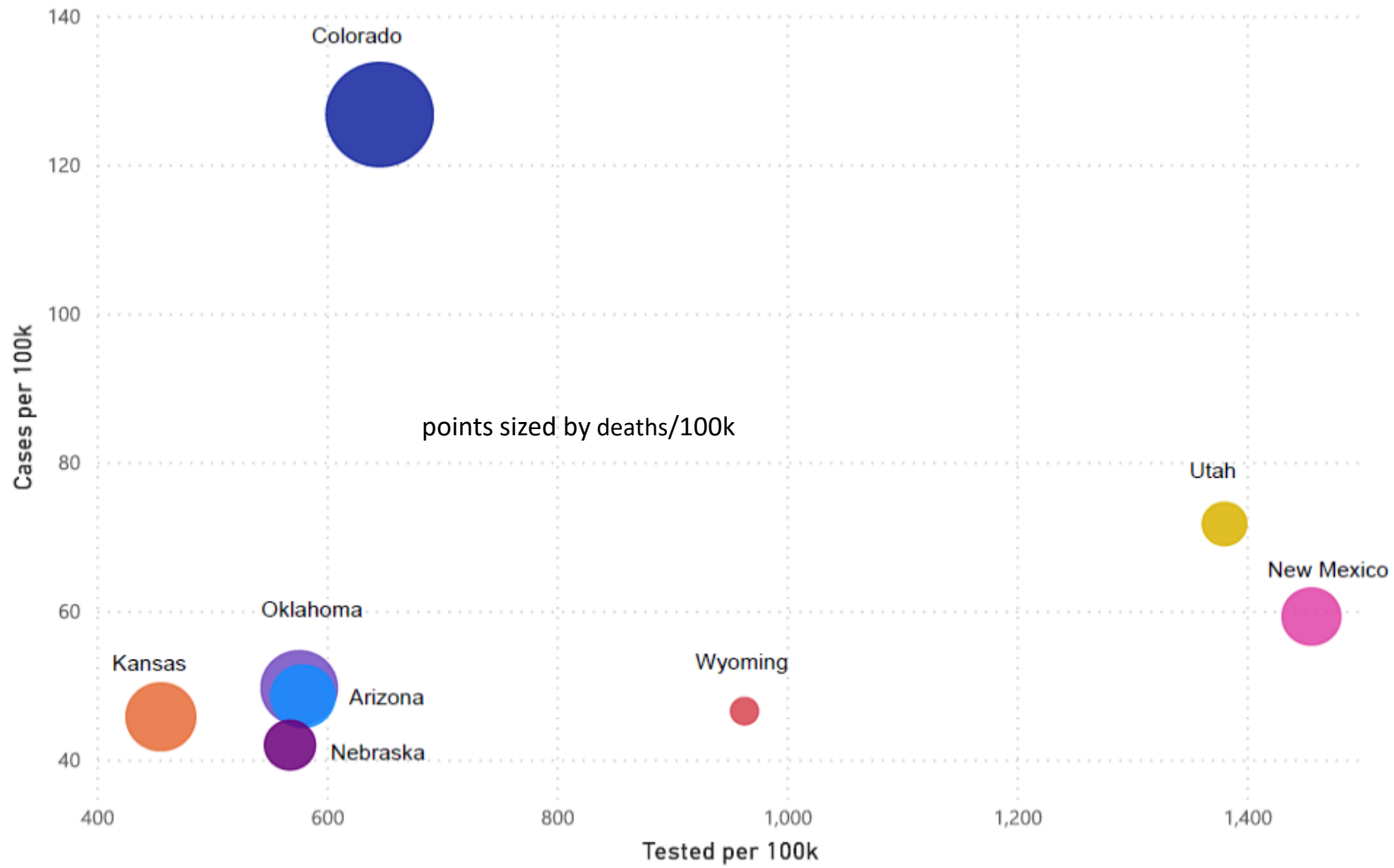
	Cases	Deaths
	665	39
	7,691	308
	577,307	23,219
	1,911,407	118,854

COVID-19 cases and deaths. Data from JHU-JSSE Interactive Map (13-April-2020), CEDRS (13-April-2020) and CDPHE (13-April-2020)

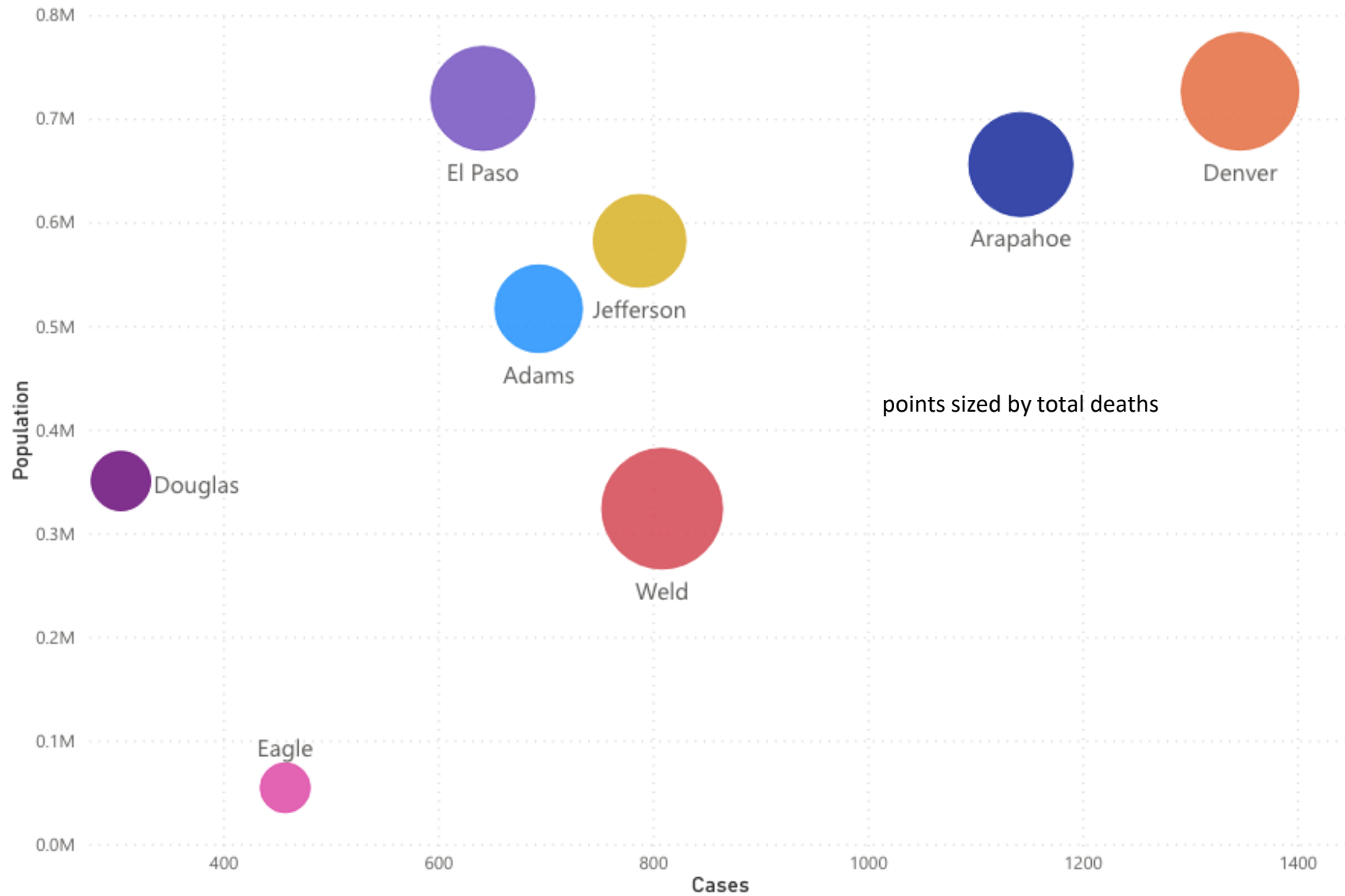
COVID-19 Cases and Deaths per 100k



COVID-19 Global Cases/100,000 vs Deaths/100,000 – 13-Apr-2020. Data from JHU-JSSE Interactive Map (13-April-2020) , analyzed by El Paso County Public Health Data and Analytics Office.



Colorado and neighboring states: COVID-19 Cases/100,000 vs Tested/100,000 – 13-Apr-2020. Data from JHU-JSSE Interactive Map (13-April-2020), analyzed by El Paso County Public Health Data and Analytics Office.



Top 8 Colorado Counties by COVID-19 Case Count – 13-Apr-2020. Data from CDPHE (12-Apr-2020), analyzed by El Paso County Public Health Data and Analytics Office.



El Paso County COVID-19 Summary

12-Apr-2020
Last Update

603

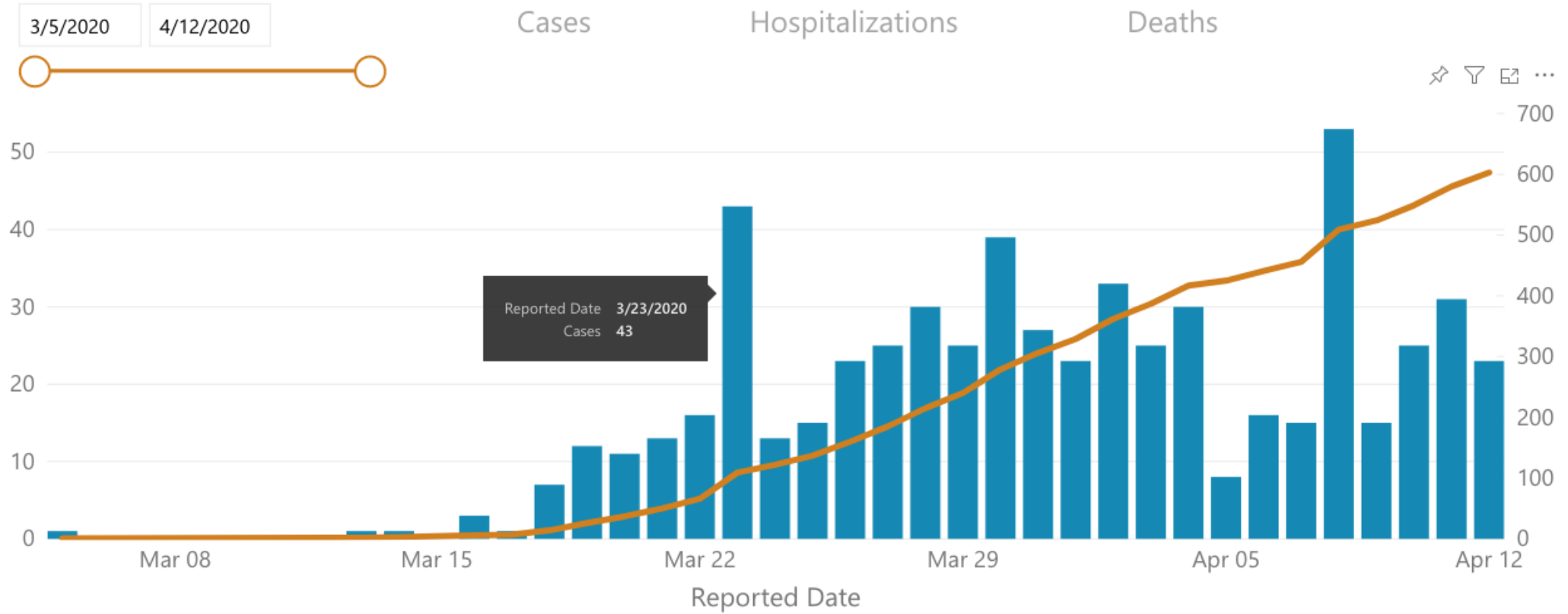
Cases

153

Hospitalizations

35

Deaths



Screen Shots El Paso County Public Health COVID-19 Interactive Dashboard Prototype



El Paso County COVID-19 Case Demographics

12-Apr-2020

Last Update

53.34

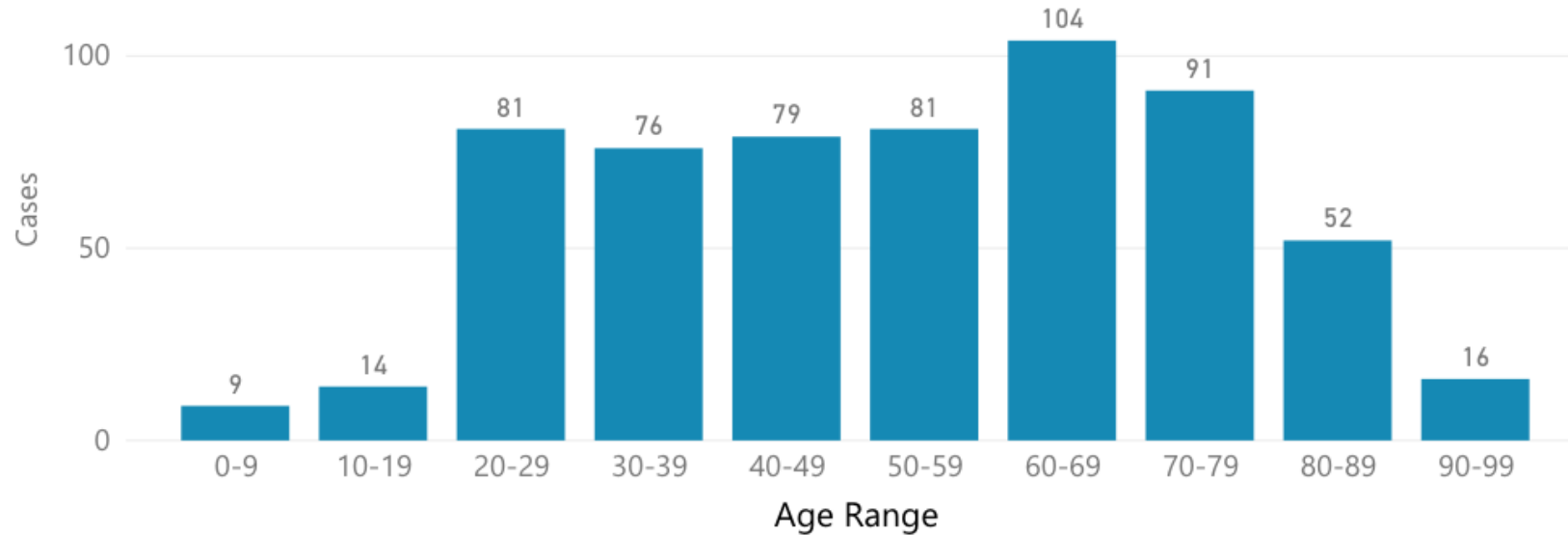
Average Age of Cases

66.84

Average Age of Hospitalizations

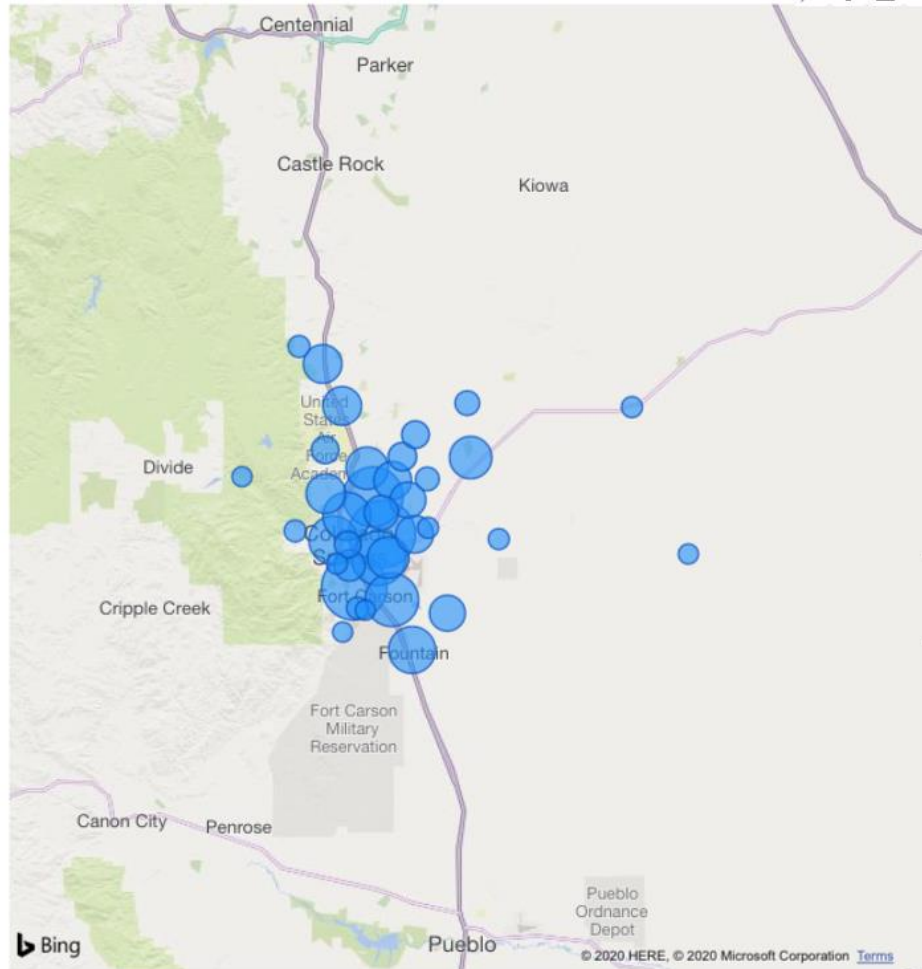
77.91

Average Age of Deaths

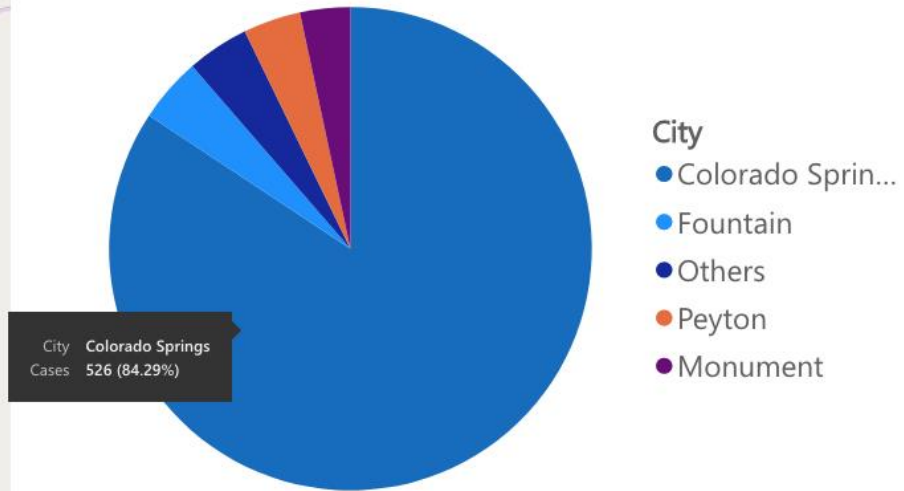


Screen Shots El Paso County Public Health COVID-19 Interactive Dashboard Prototype

Cases by Zip Code



Cases by City



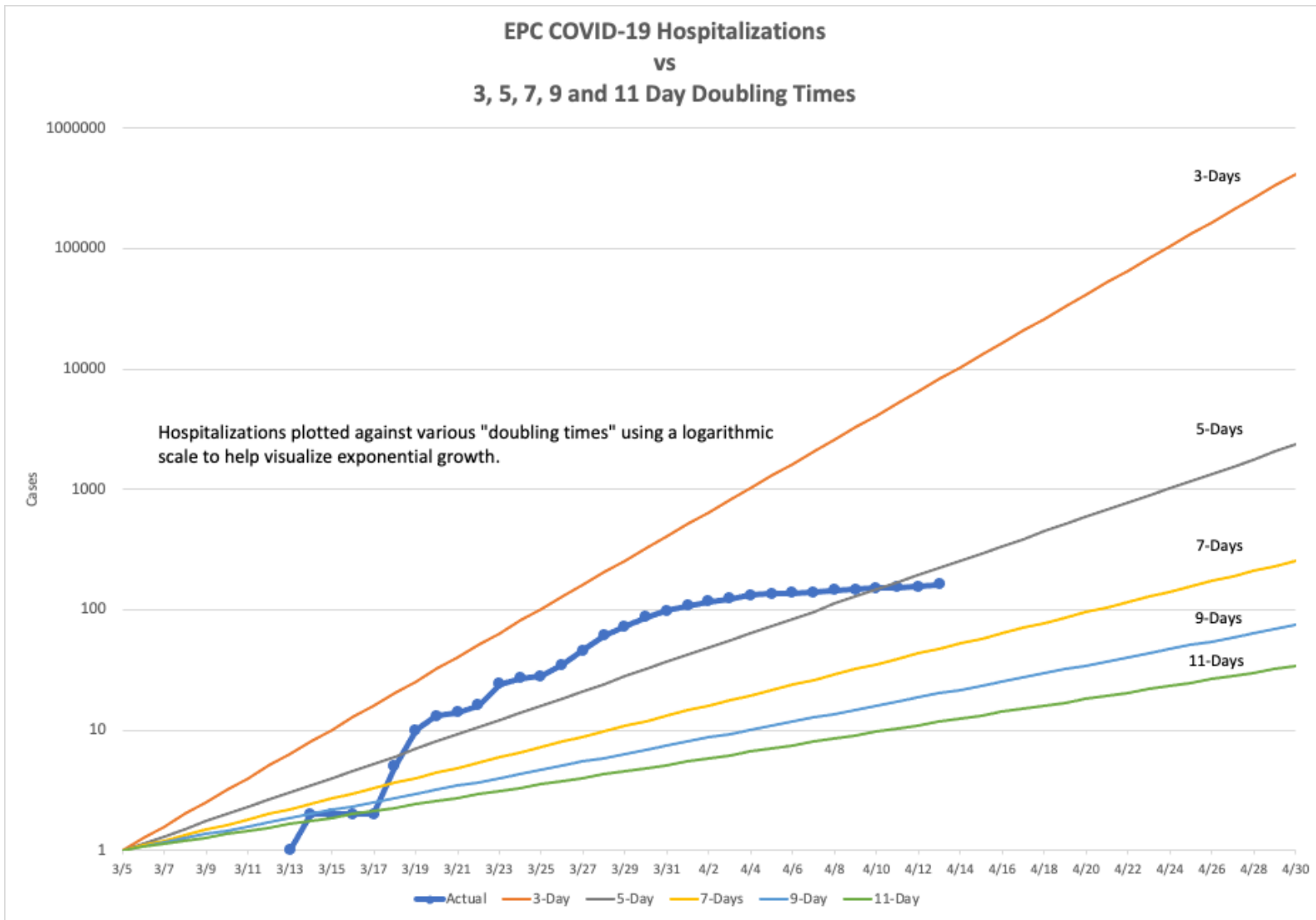
Screen Shots El Paso County Public Health COVID-19 Interactive Dashboard Prototype

Recovered Cases

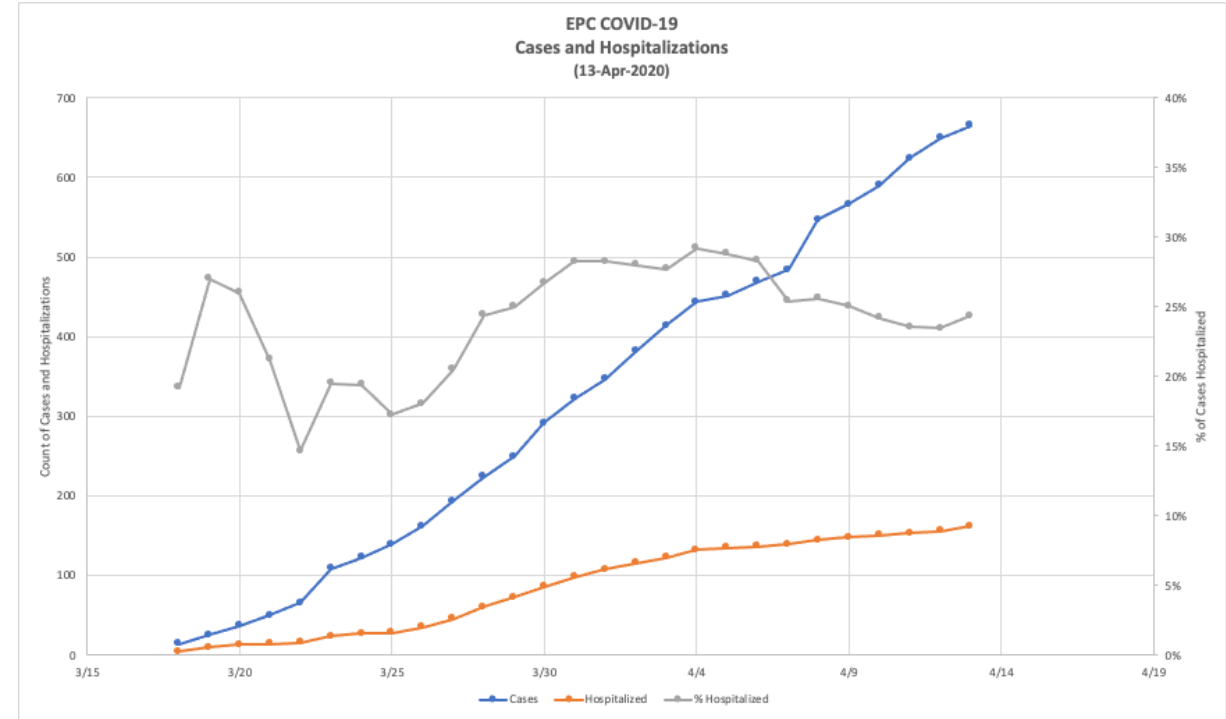
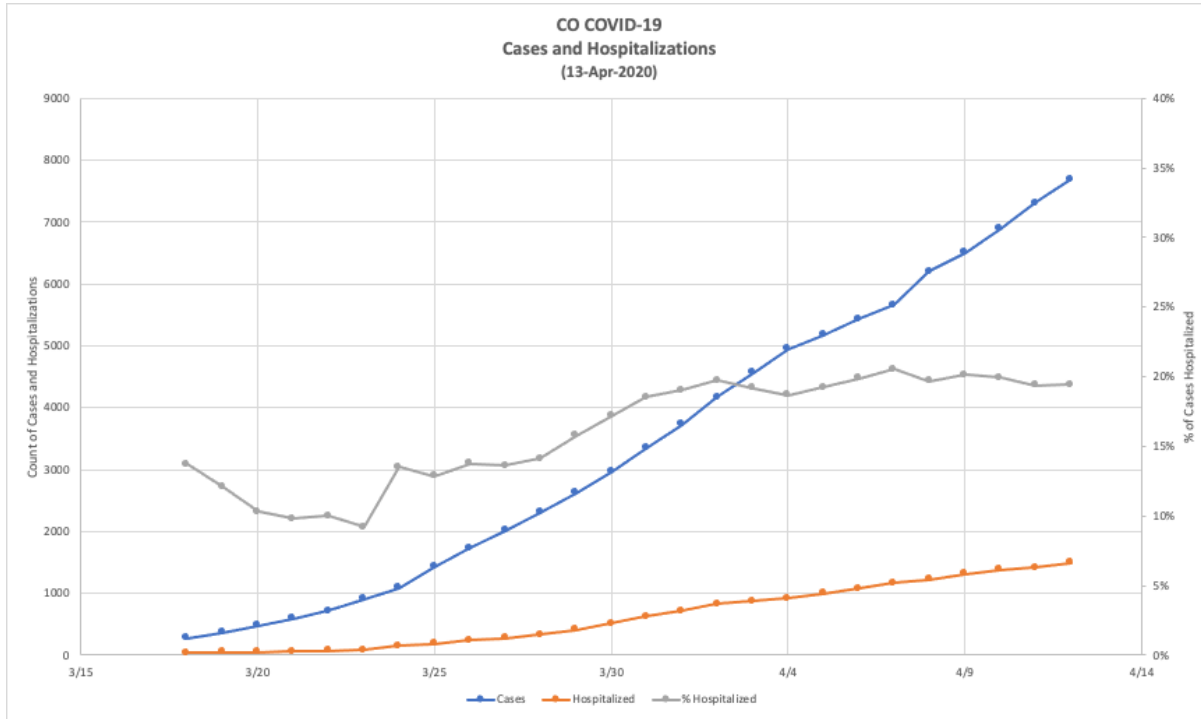
- Non-confirmed Recovered Cases
 - Not Hospitalized + 14 days elapsed since case reported

Non-confirmed Recovered Cases as of April 13
171 out of 248

- Confirmed Recovered Cases
 - Qualitative information collected via case follow-up interviews - starting mid-April



EPC COVID-19 Hospitalizations. Data from CEDRS, (13-April-2020). El Paso County Public Health Data and Analytics Office.



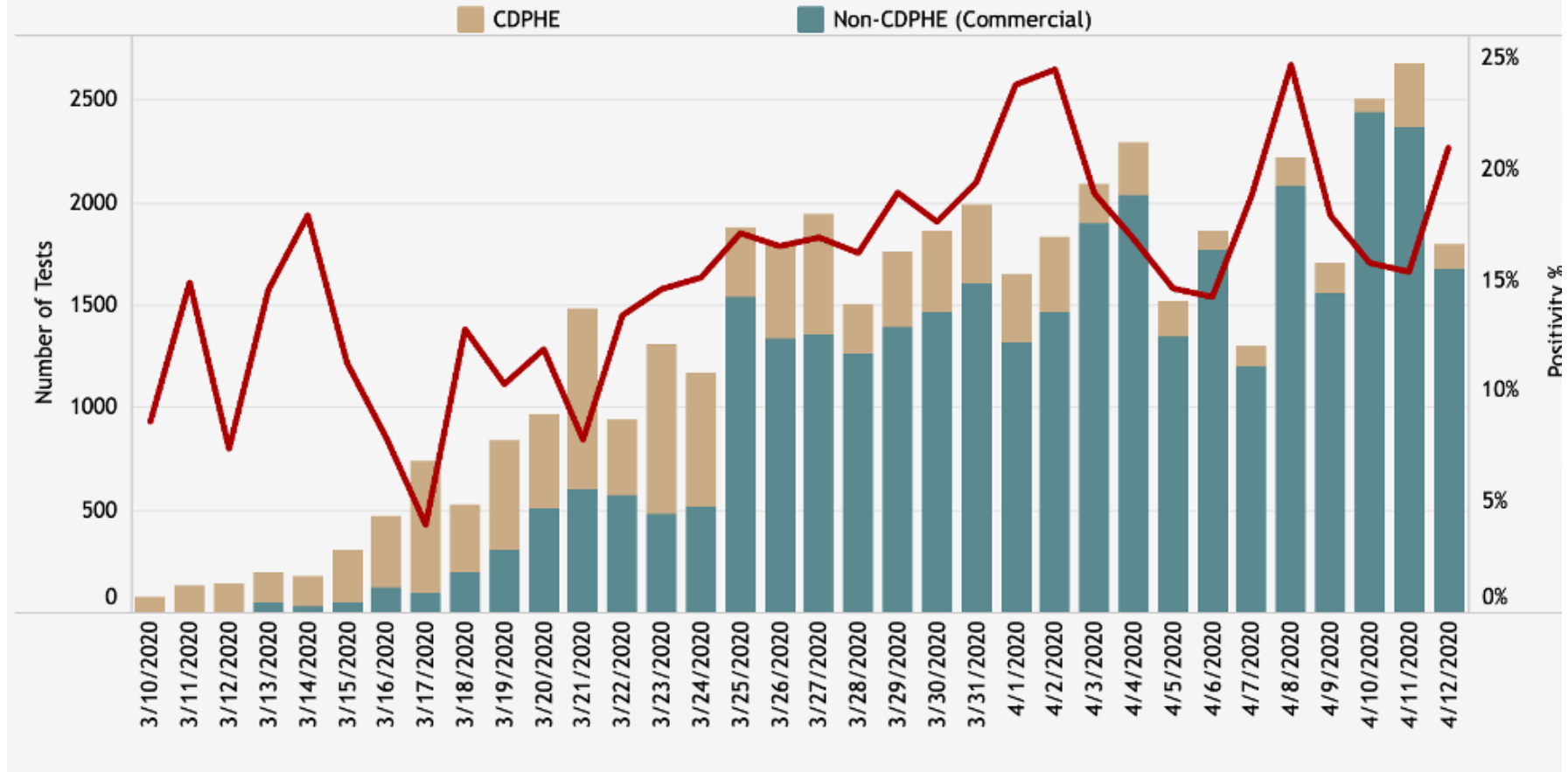
CO and EPC COVID-19 Cases and Hospitalizations. Data from CEDRS, CDPHE (13-April-2020). El Paso County Public Health Data and Analytics Office.

Contact Tracing

- Identify positive cases quickly
- Identify contacts
- Isolation and Quarantine
- Prioritize high-risk or clusters
- Building capacity for opening



Positivity Data From Clinical Laboratories



A Phased Approach to Restart

- Phase I – Slow the spread
- Phase II – Reopen, state by state
- Phase III – Establish protection then lift all restrictions
- Phase IV – Rebuild our readiness for the next pandemic

Novel Coronavirus Response A Road Map to Reopening

American Enterprise Institute

29-March-2020

<https://www.aei.org/research-products/report/national-coronavirus-response-a-road-map-to-reopening/>

Phase I

Slow the spread

- **Trigger**
 - Community spread
- **Techniques**
 - Population-level controls
 - Extensive social distancing
- **Actions**
 - Save lives
 - Build capacities (e.g. testing, care, tracking)
 - Gain knowledge of COVID-19

Phase II

Reopen, deliberately and incrementally

- **Trigger**
 - Controlled spread - sustained reduction in new cases
- **Techniques**
 - Case-level controls - contact tracing and testing
 - Reduced social distancing - business and schools
- **Actions**
 - Begin step-by-step return to normal for most activities – still no large crowds
 - High-risk populations remain sheltered

Phase III

Establish protection and lift all restrictions

- **Trigger**
 - Effective therapeutics or vaccines
- **Techniques**
 - Case-level controls continue
 - Medical interventions and vaccines
- **Actions**
 - Phased deployment of medical interventions
 - Return to normal social gatherings

Phase IV

Prepare for the next pandemic

- **Trigger**
 - Now
- **Techniques**
 - National action priorities for infectious disease response
- **Actions**
 - Accelerated vaccine and therapeutic development technologies
 - Improved surge capacity for health care systems
 - National forecasting systems for infectious diseases
 - National standards for preparedness and response

Questions

