Waco-McLennan County Public Health District COVID-19 Updates

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Overview

I. Background

II. Key Performance Metrics

III. COVID-19 Data

IV. Public Health District Implications/Actions

BACKGROUND/ OVERVIEW

Key Performance Metrics

I. Community Metrics
- Cases
- Illnesses
- Mortality
- Testing
- Positivity Rate

II. Hospital Metrics
- Care
- COVID-19 patients
- Healthcare Worker Testing Capacity
- Safety

III. Public Health Metrics
- Case Investigation/Tracing
- Monitoring

Domains	Weight	Key Metrics	Indicators	Status
COVID-19 Cases	1.5	Trend in positivity rate for COVID-19	Green: 14-day downward trajectory or positivity 5% or less for 14 days Yellow: No downward trajectory Red: 14-day upward trajectory or positivity rate 5% or more for 14 days	3
COVID-19 Like Illnesses 10	1.5	Trend in number of COVID-19 Like Illnesses	Green: 14-day downward trajectory of COVID-19 Like Illnesses Yellow: No downward trajectory Red: 14-day upward trajectory of COVID-19 Like Illnesses	3
COVID-19 Mortality	1.5	Trend in death rate	Green: 14-day downward trajectory of COVID-19 deaths Yellow: No downward trajectory Red: 14-day upward trajectory of COVID-19 deaths	3
COVID-19 Testing	1.5	Number of tests performed and positivity rate	Green: 300 tests per day Yellow: 150 tests per day Red: Less than 100 tests per day	1
COVID-19 Positivity Rate	2	Positive test/total test completed	Green: Less than 5% positivity rate for 7 days Yellow: 6% - 10% positivity rate for 7 days Red: Greater than 10% positivity rate for 7 days	3

Domains	Weight	Key Metrics	Indicators	Status
Care	2	Hospitals capacity to provide non-crisis care	Green: Both hospital systems able to provide non-crisis care Yellow: One hospital system able to provide non-crisis care Red: Both hospitals not able to provide non-crisis care	1
C-19 Patients	2.5	Percent of bed capacity occupied by C-19 positive patients	Green: C-19 patients occupying less than 20% of beds Yellow: C-19 patients occupying between 20% - 40% of beds Red: C-19 patients occupying more than 40% of beds	1
Healthcare Worker Testing Capacity	2	Testing capacity related to healthcare workforce (HCW) equipment and supplies, and available tests	Green: Equipment & supplies available to test 100% of HCW Yellow: Equipment & supplies available to test 75 % of HCW Red: Equipment & supplies available to 50% of HCW	1
Safety	1.5	Hospital systems are meeting PPE targets	Green: Healthcare systems and EMS can obtain all necessary PPE through normal supply chains with little or no disruption (i.e. Backorders, out of stock, etc.) Yellow: Healthcare systems or EMS are experiencing supply chain disruptions for necessary PPE but can still purchase suitable substitutes or alternatives to ensure staff safety OR other public safety personnel are unable to obtain necessary PPE. Red: Healthcare systems or EMS are unable to obtain suitable PPE through normal supply chains and are dependent on donations or requests through emergency management.	1

Domains	Weight	Key Metrics	Indicators	Status
Care Investigation & Tracing	2	The capacity of the Waco McLennan County PHD to contact individuals who have tested C-19 positive. Percent of COVID-19 positive cases where contact is made within 24 hours.	Green: A contact attempt is made by PHD on 95% of C-19 positive cases within 24/hrs. Yellow: A contact attempt is made by PHD on 50 to 94% of C-19 positive cases within 24/hrs. Red: A contact attempt is made by PHD on less than 50% of C-19 positive cases within 24/hrs.	3
Monitoring	2	The capacity of the PHD to perform ongoing monitoring of individuals who have tested C-19 positive. Percent of COVID-19 positive cases and close contacts where monitoring is continued per protocol.	Green: Ongoing monitoring is performed by PHD staff on 95% of positive cases, household contacts & outside contacts Yellow: Ongoing monitoring is performed by PHD staff on 50 to 94% of positive cases, household contacts & outside contacts Red: Ongoing monitoring is performed by PHD staff on less than 50% of positive cases, household contacts & outside contacts	3

COVID-19 Community Risk Index

Current (42.5)

Green (21.5)   Yellow (43)   Red (64.5)
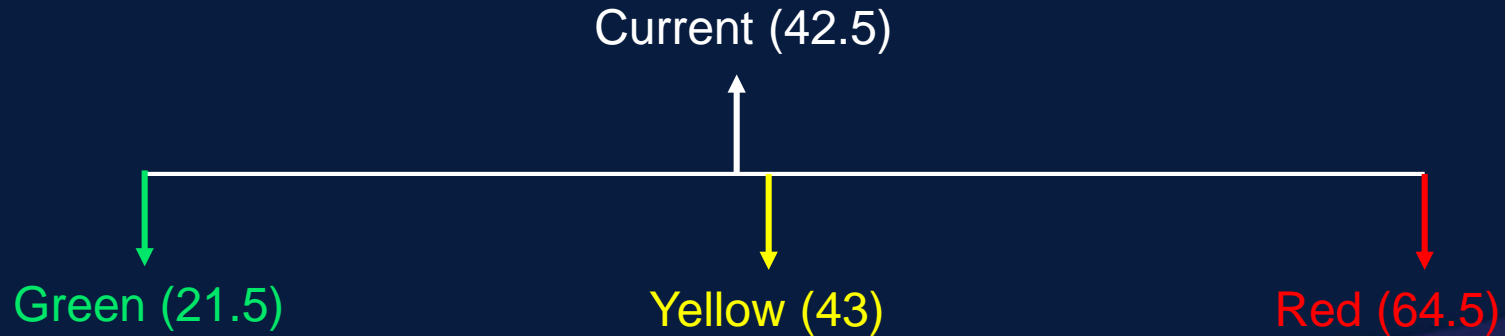
COVID-19 Indexes

- The COVID-19 Community Vulnerability Index (CCVI) identifies these communities within the context of the COVID-19 pandemic. It combines indicators specific to COVID-19 with the Centers for Disease Control and Prevention's (CDC) social vulnerability index (SVI), which measures the expected negative impact of disasters of any type.

- The City Health Dashboard has created the COVID Local Risk Index to help policymakers and public health officials identify cities and neighborhoods that are at elevated risk for COVID impact. The index uses locally specific data and is designed to be comparable across cities and neighborhoods, to help guide resource allocation to the communities needing the most help.

COVID-19 DATA

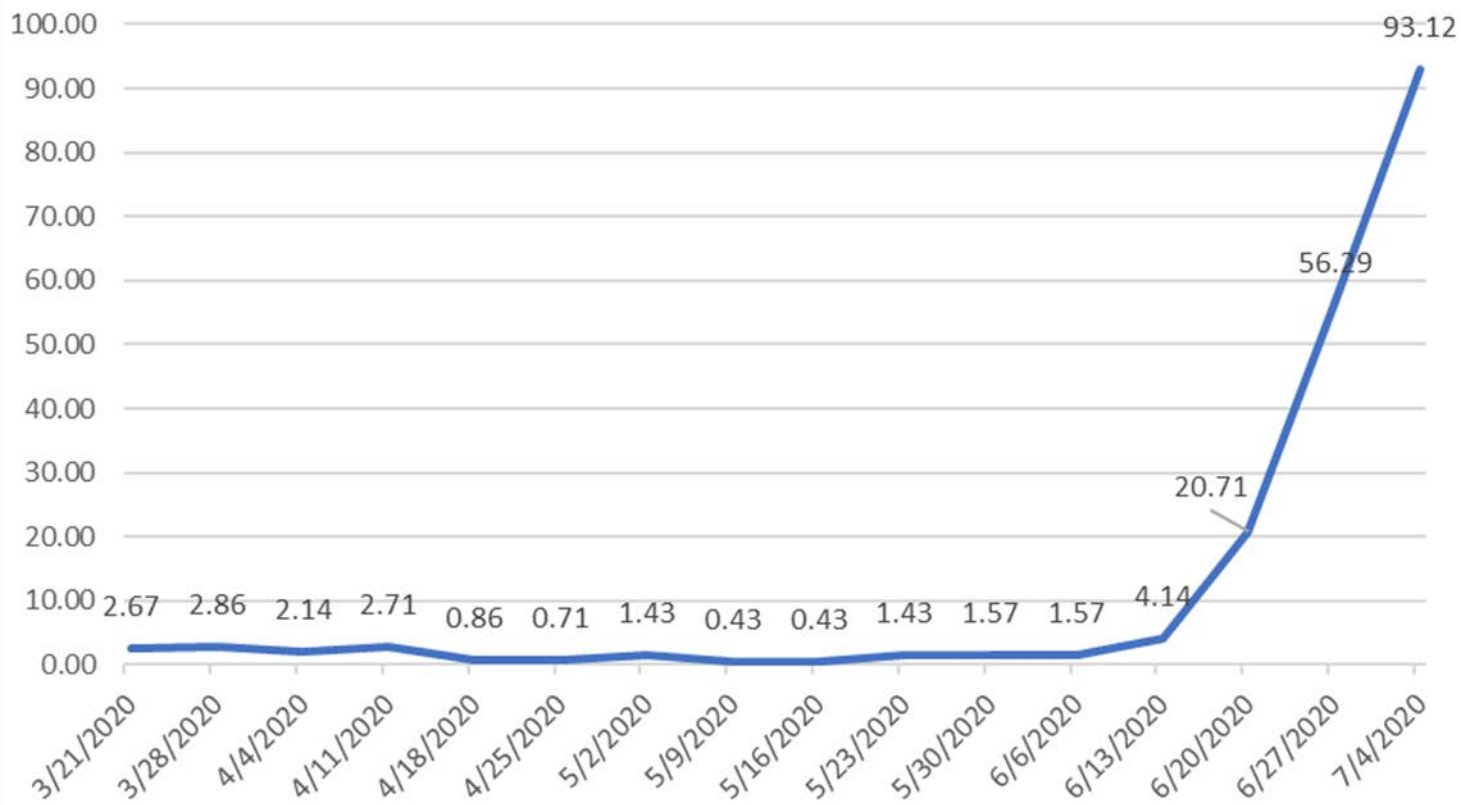Incidence rates per 100,000 across McLennan county from 6/7/2020 to 7/6/2020
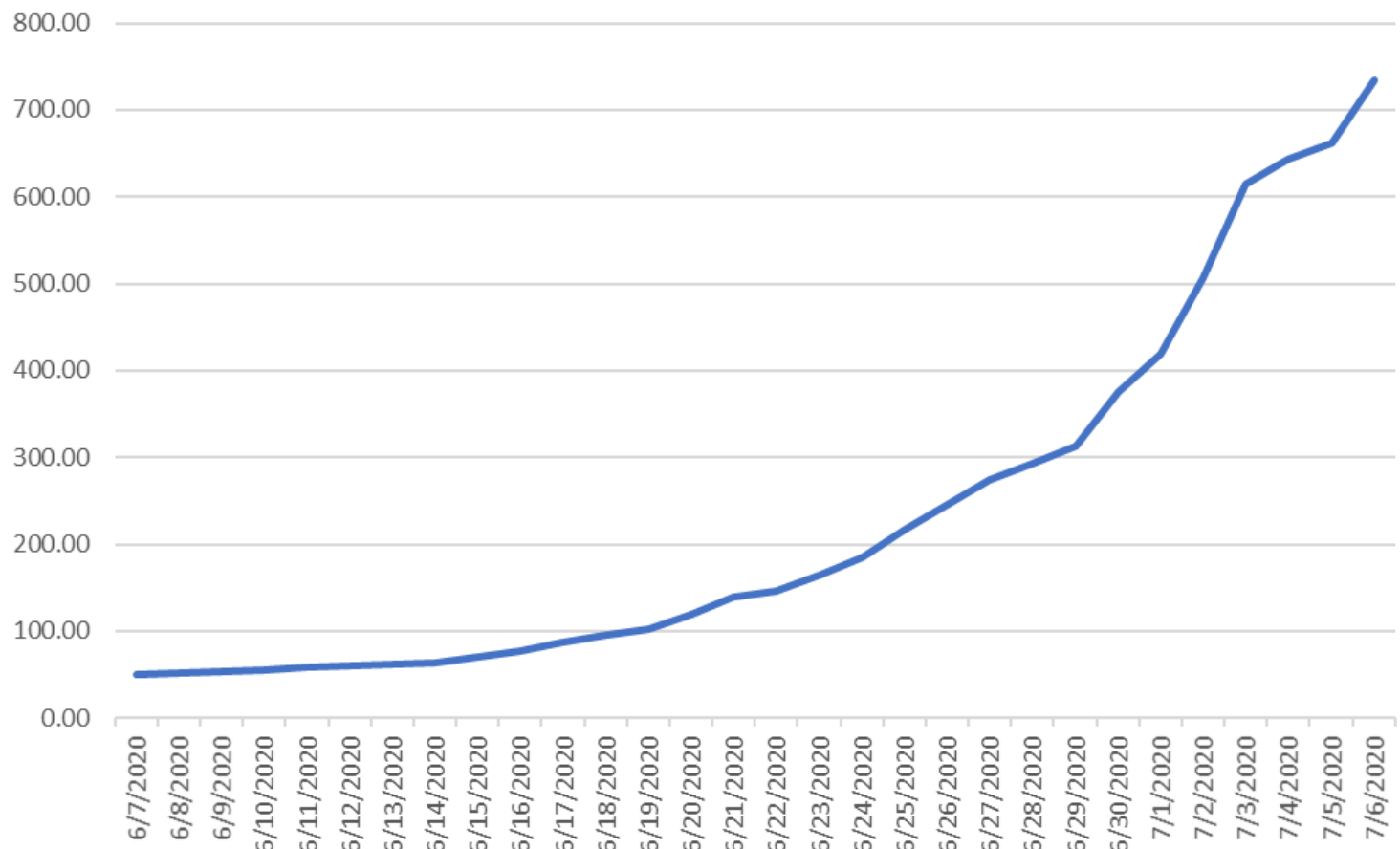
Incidence rates per 100,000 across five counties 6/7/2020 to 7/6/2020
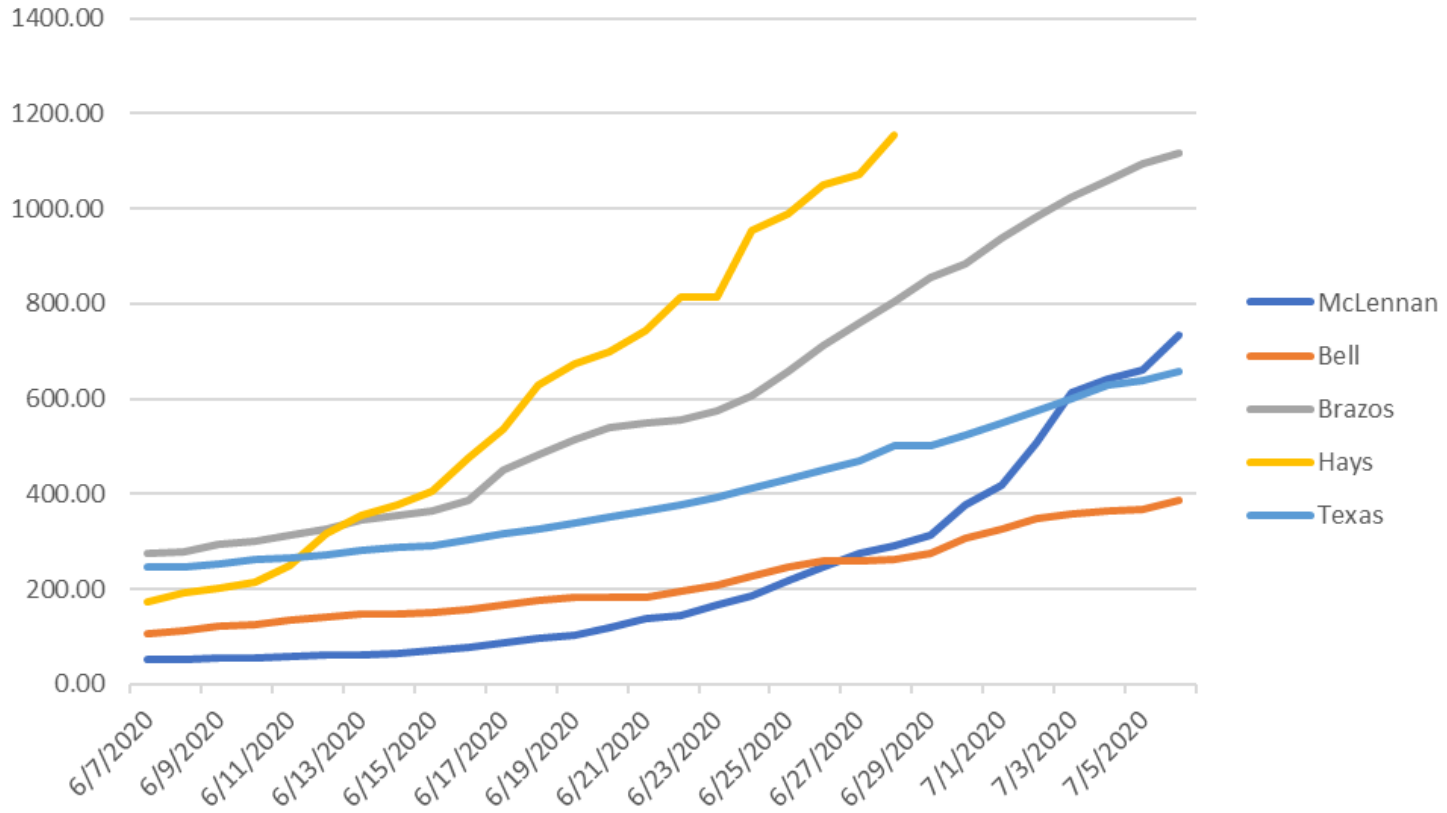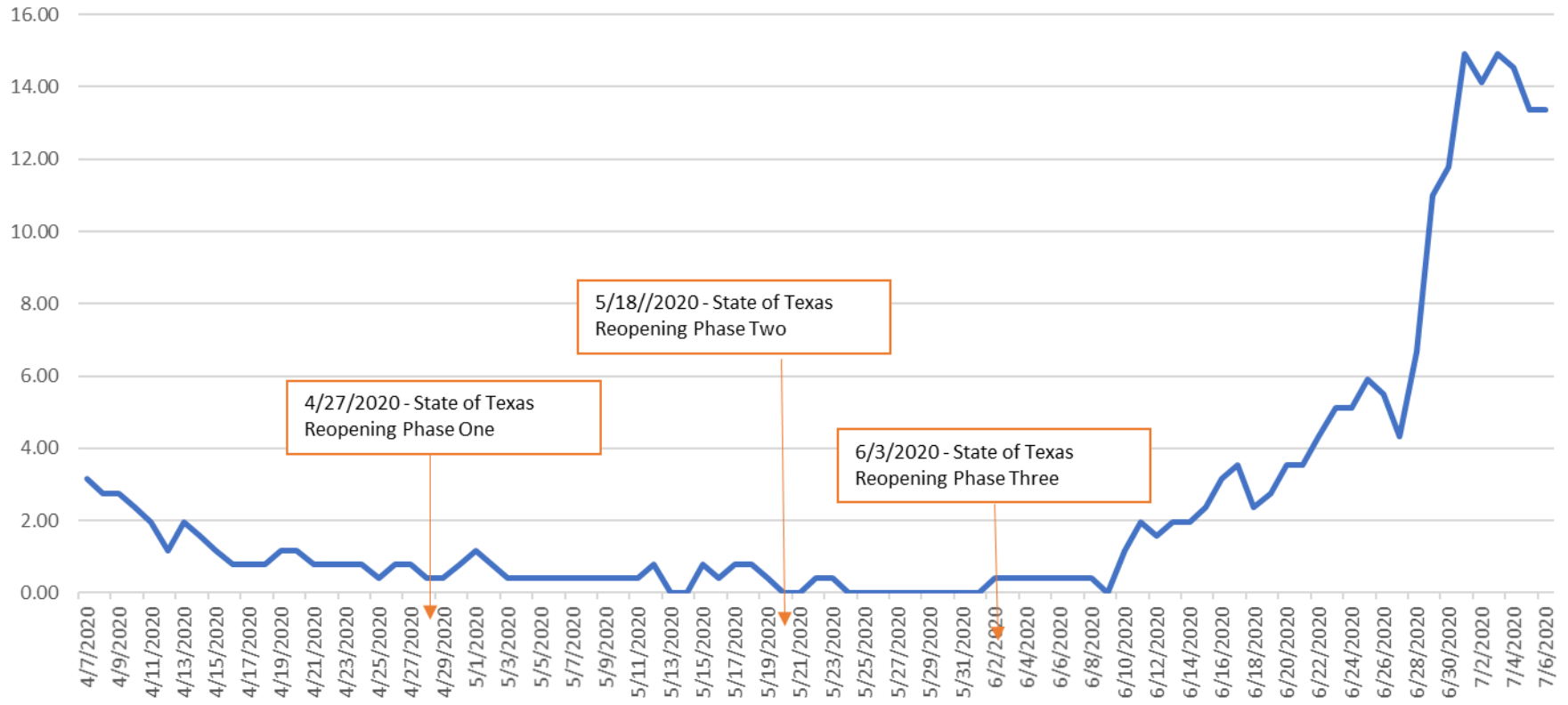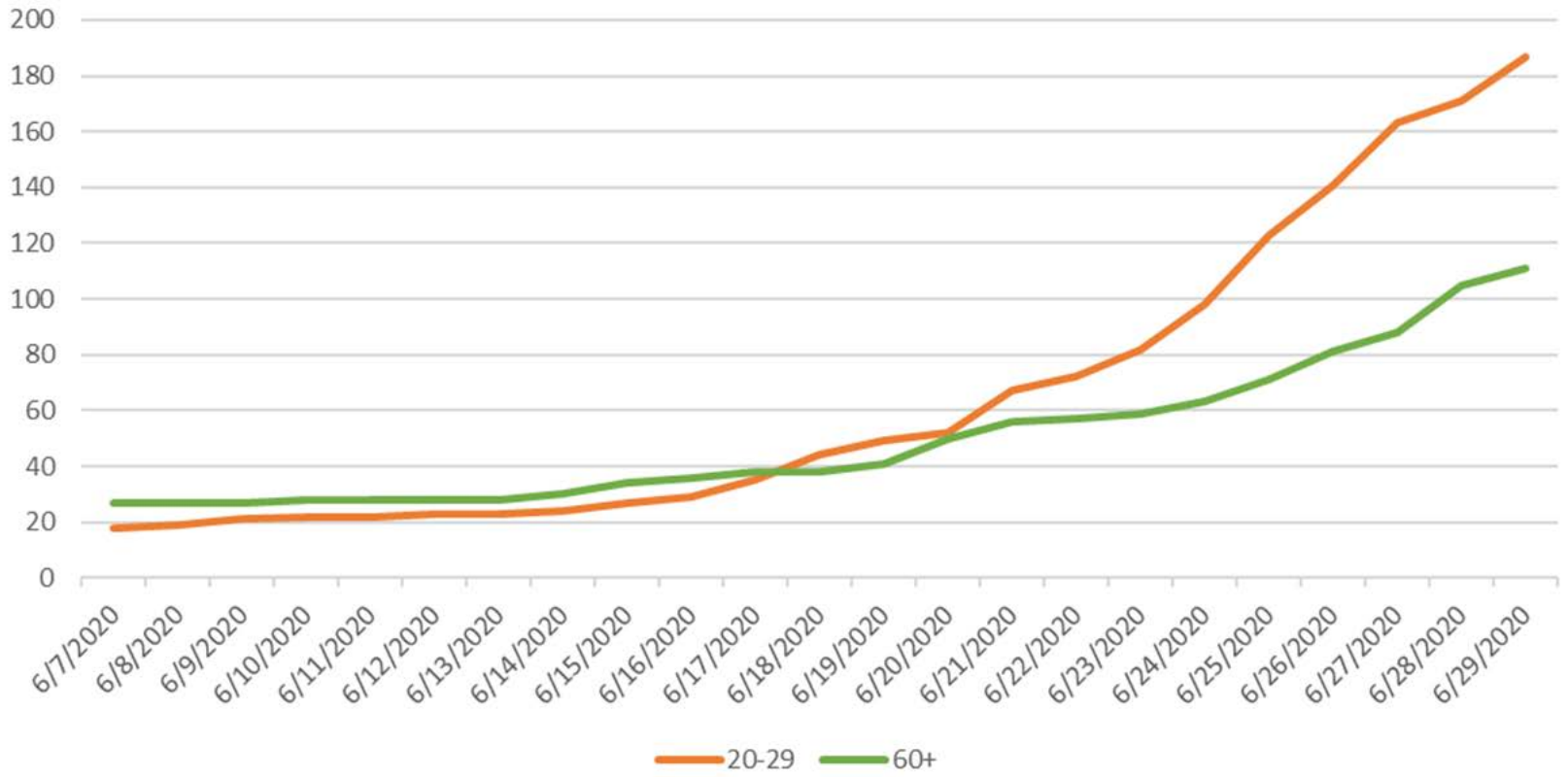
Running 7-day average for daily case counts

4/27/2020 - State of Texas Reopening Phase One

5/18//2020 - State of Texas Reopening Phase Two

6/3/2020 - State of Texas Reopening Phase Three

Daily — Running 7-day Average
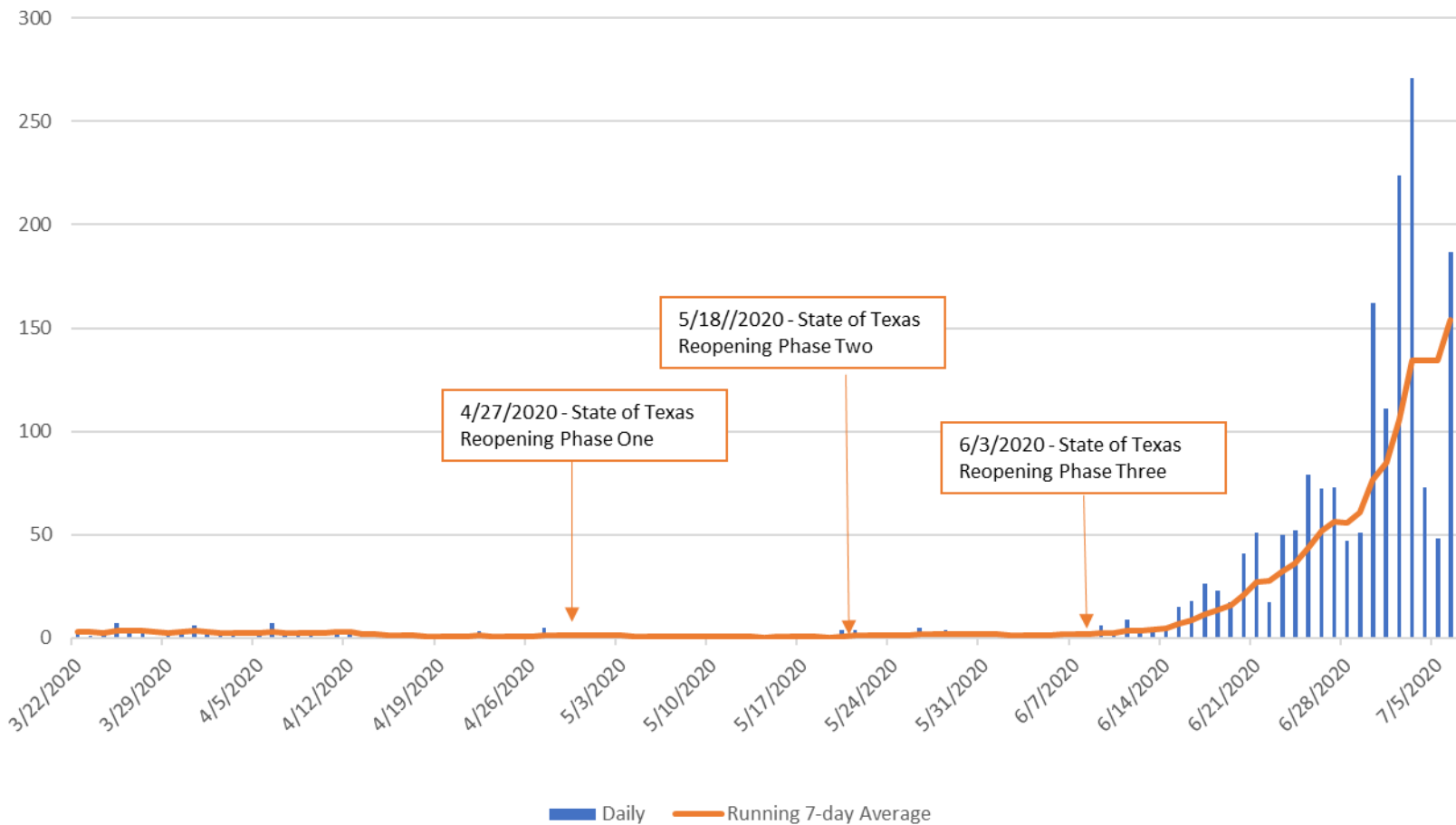
Weekly average number of daily cases from 3/21/2020 to 7/4/2020

14

Hospitalization rate per 100,000 from 4/7/2020 to 7/6/2020

4/27/2020 - State of Texas Reopening Phase One

5/18//2020 - State of Texas Reopening Phase Two

6/3/2020 - State of Texas Reopening Phase Three

Comparison between two age ranges from 6/7/2020 to 7/6/2020

20-29 — 60+

16

Comparison of daily cases by age ranges
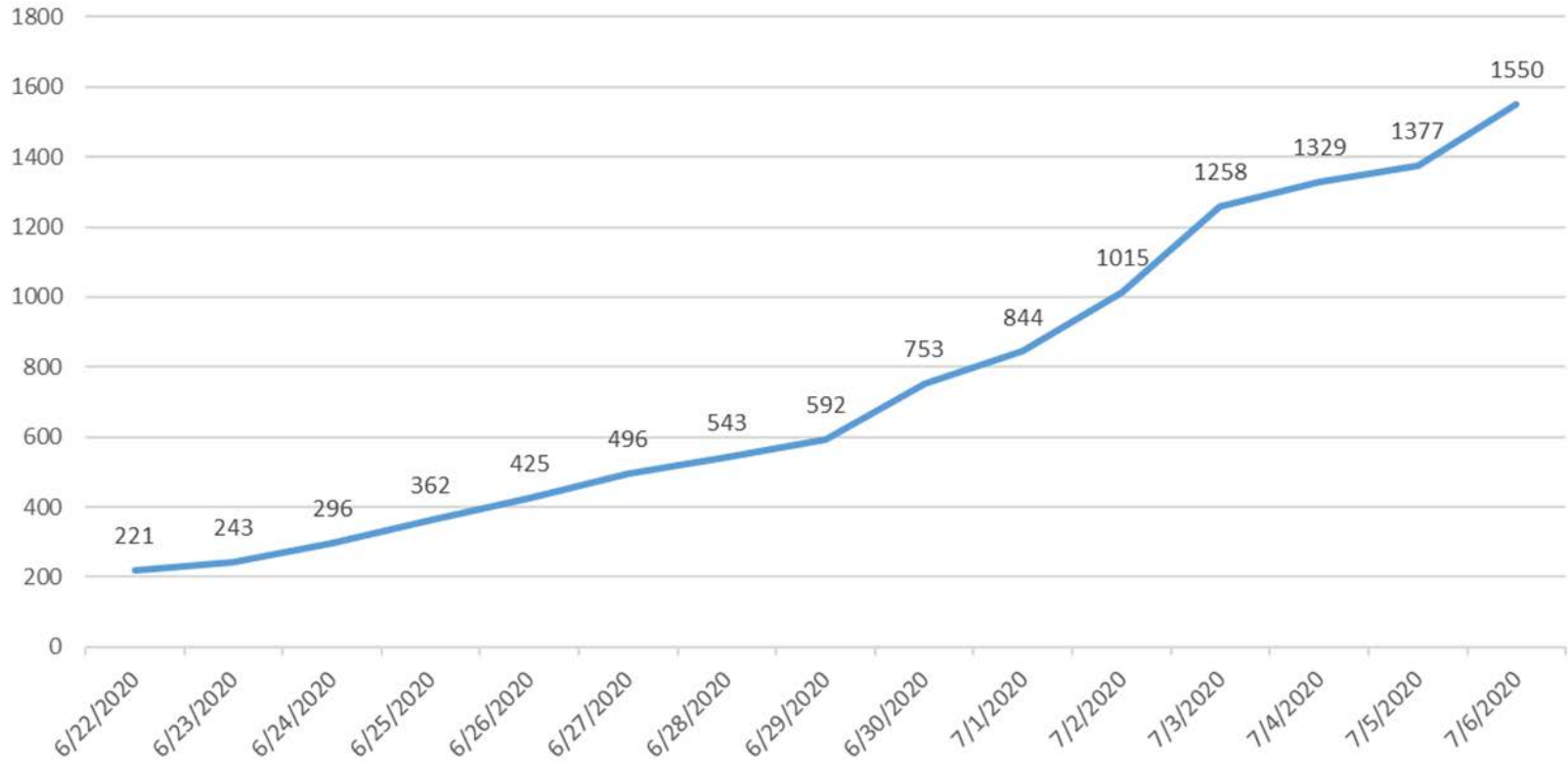
Legend: 20-29 (orange), 60+ (green)
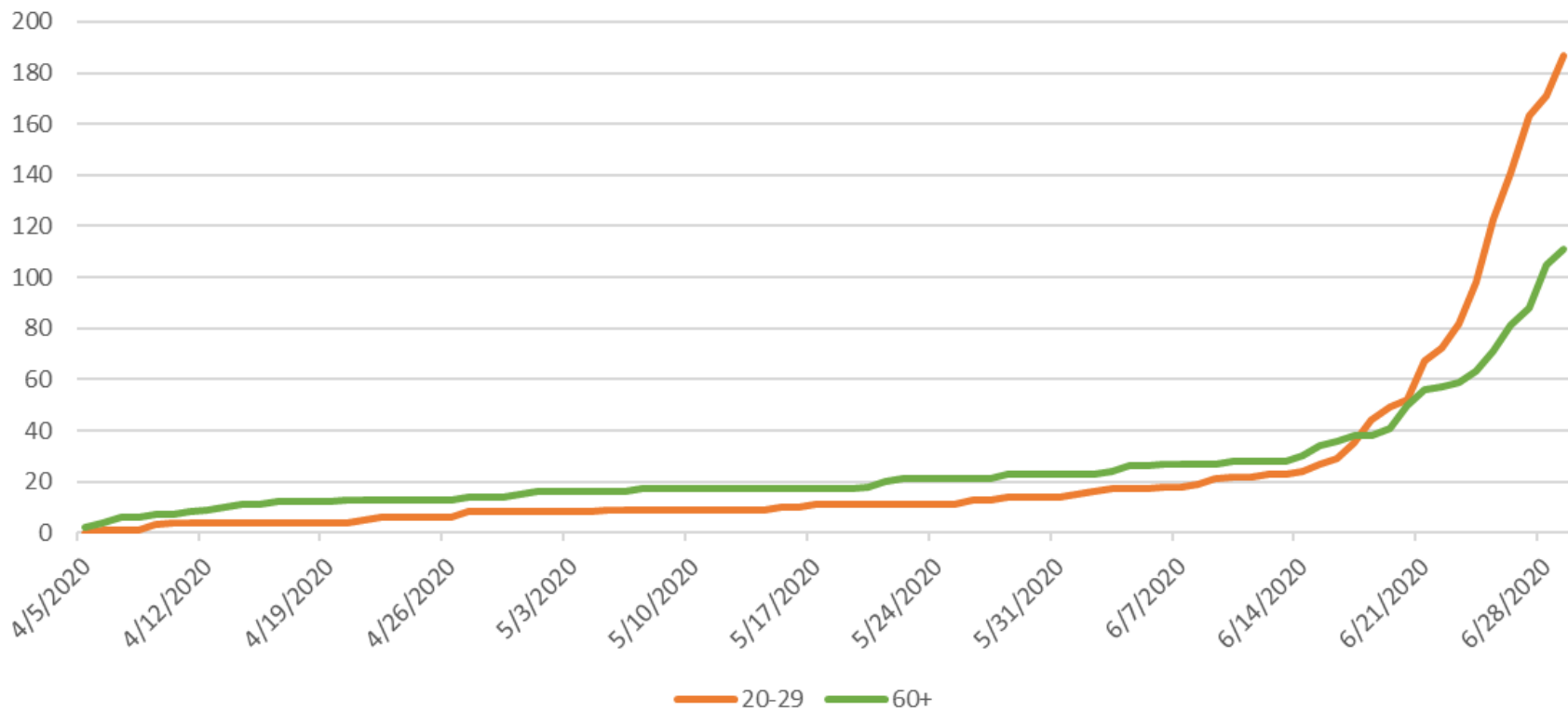
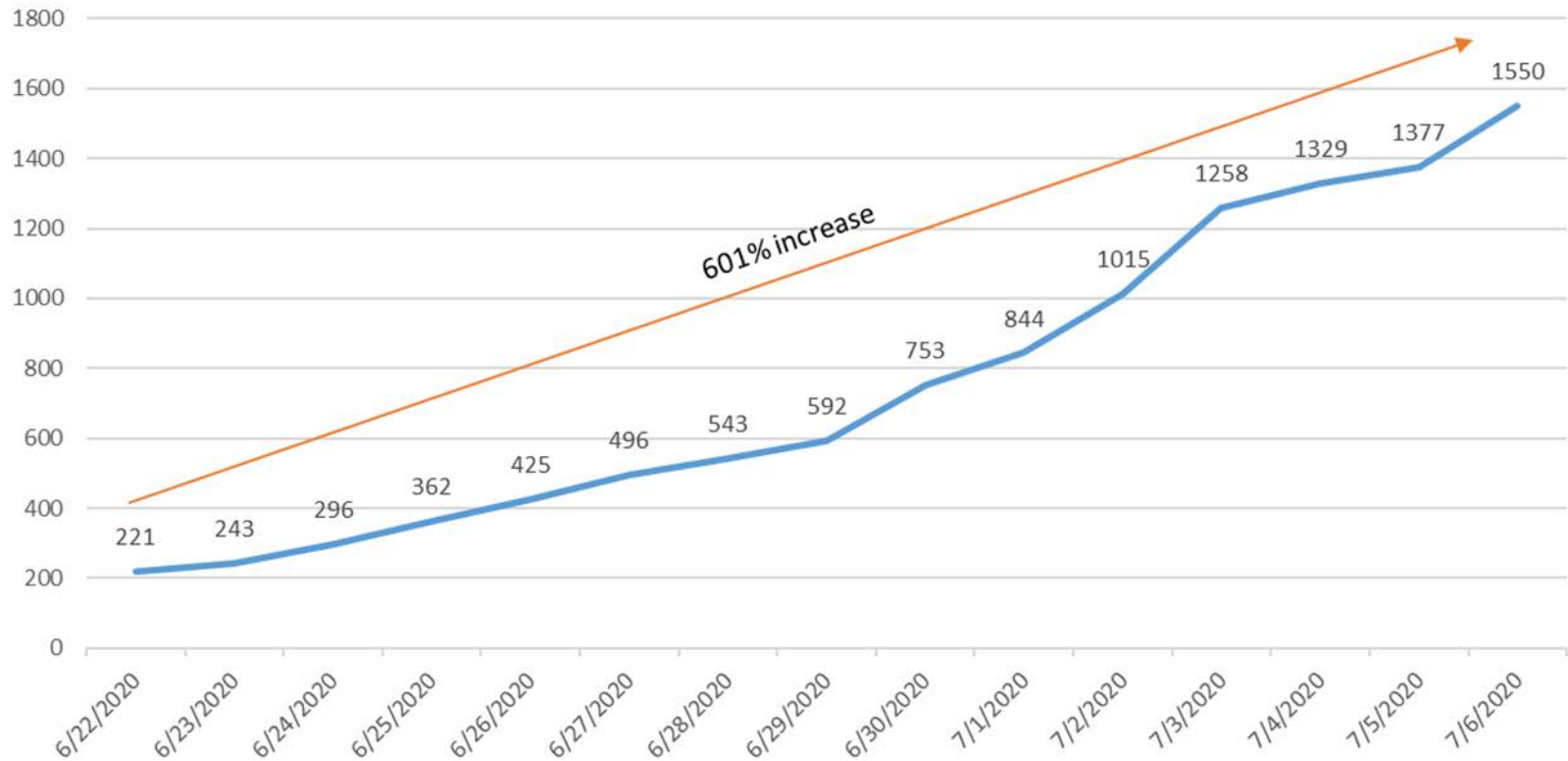7-day running average for testing conducted from 3/17/2020 to 7/5/2020
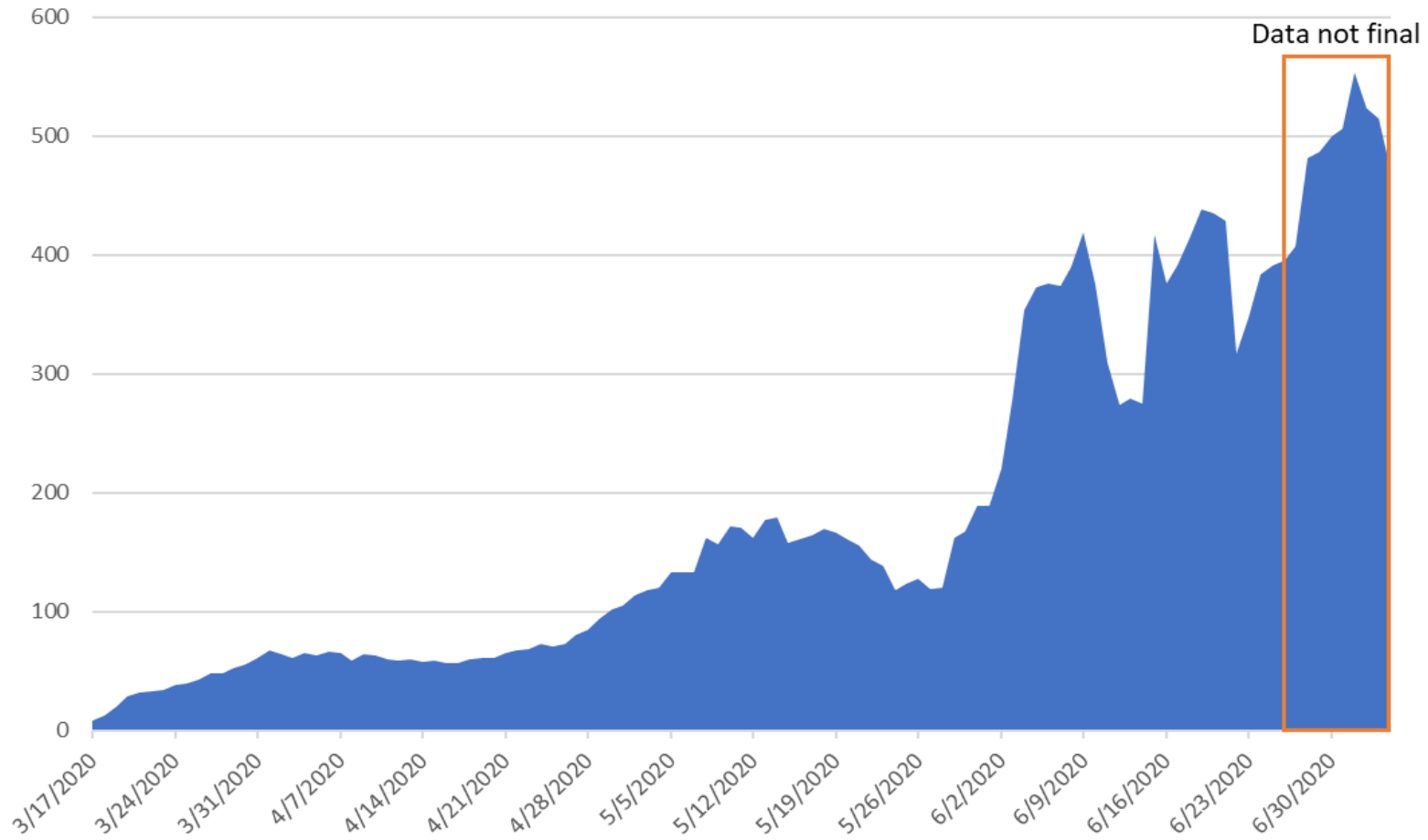
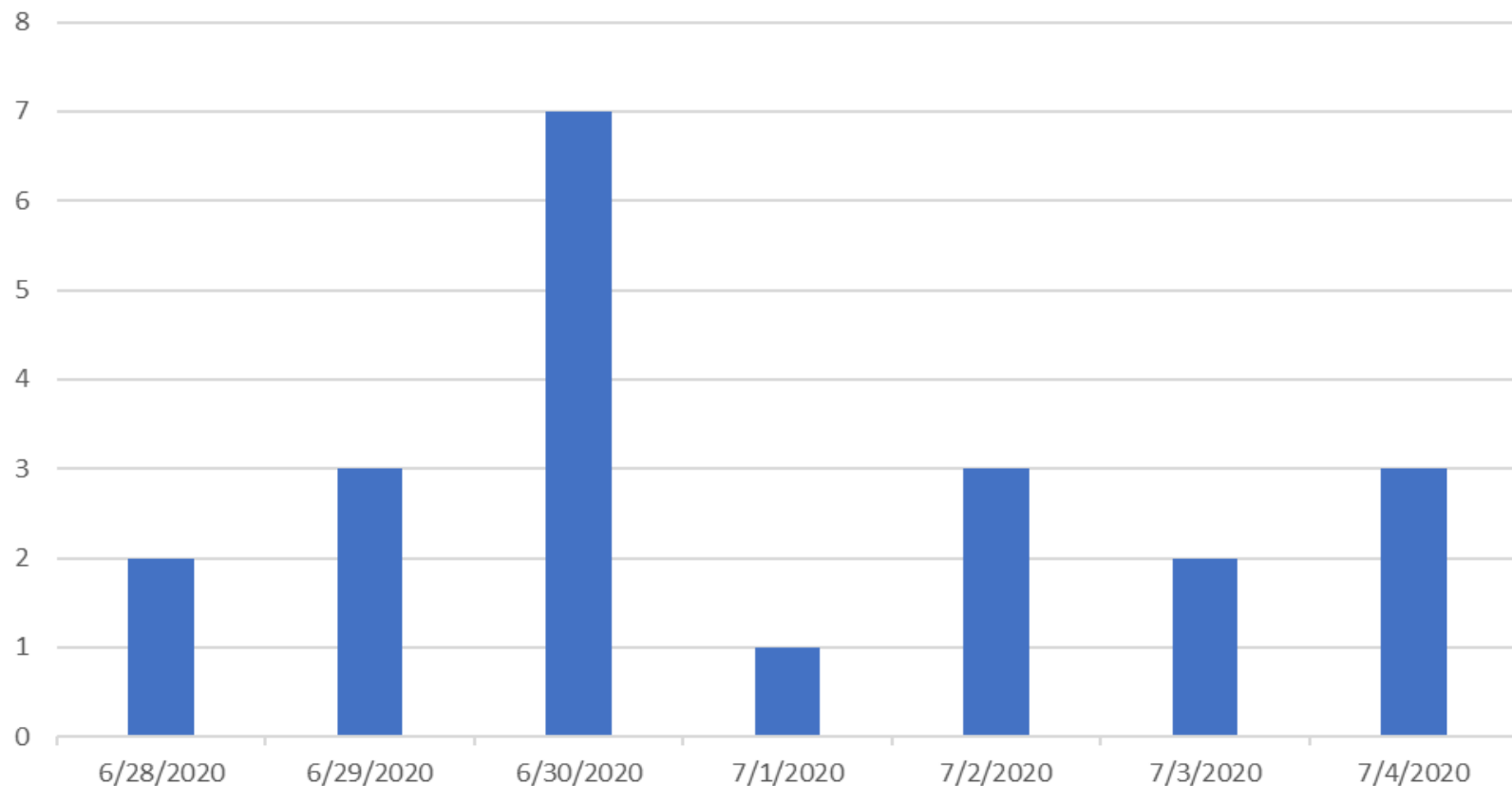7-day running average of postivity rate from 3/17/2020 to 7/5/2020
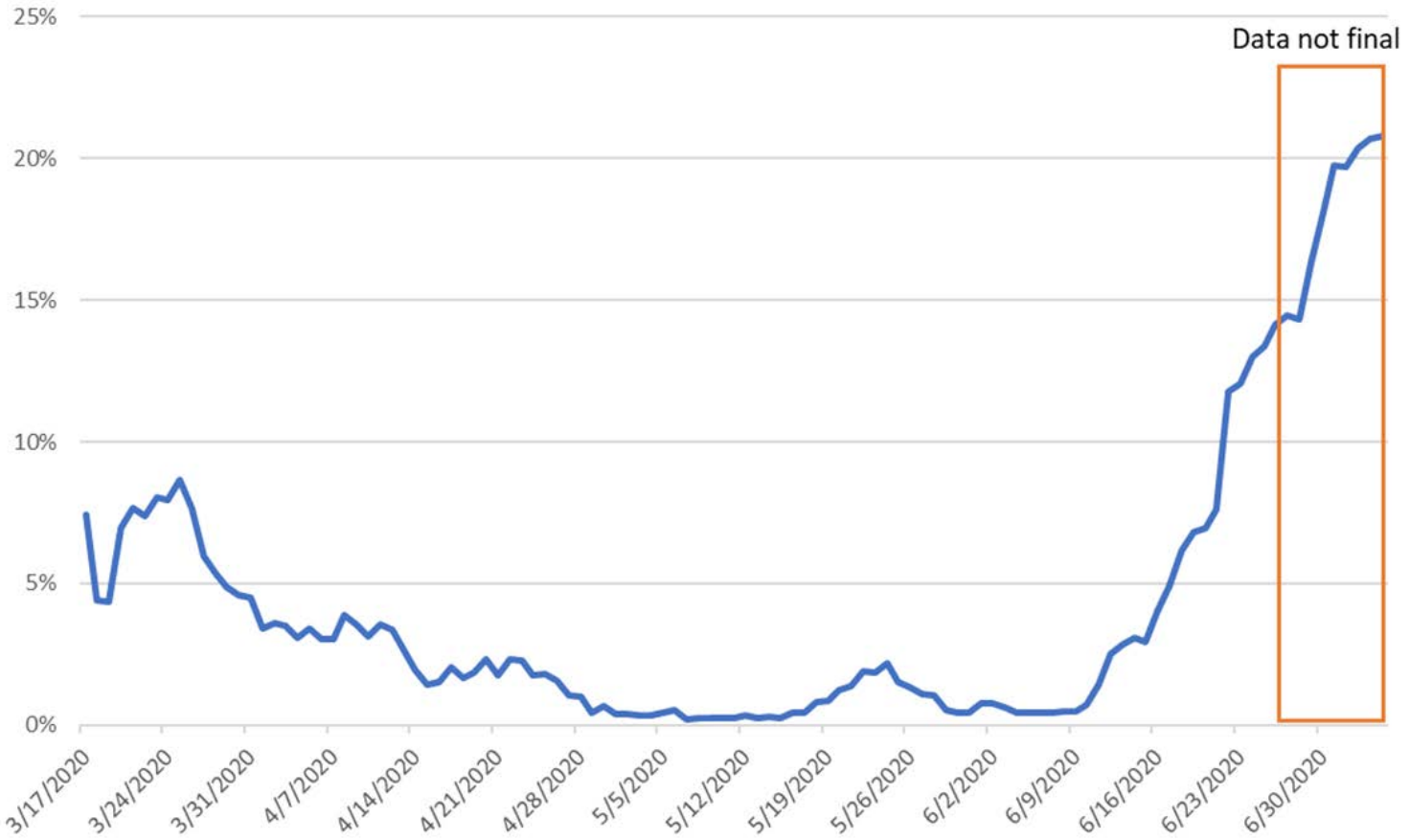
19

Active cases over the last 14 days (6/22/2020 to 7/6/2020)

20

Active cases over the last 14 days (6/22/2020 to 7/6/2020)

601% increase

221, 243, 296, 362, 425, 496, 543, 592, 753, 844, 1015, 1258, 1329, 1377, 1550

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Number of household clusters identified from completed investigations from 6/28/2020 to 7/4/2020 (n=20)

Public Health District Implications & Actions

QUESTIONS & COMMENTS