

T3 Strategy: Test, Trace and Treat



TEST



9,085

7-Day Average of Daily Tests Reported

+ 3.0%

14-Day Average Percent of New Cases
• Goal: Under 8%



1,262,363

Total Tests Reported



TRACE



96%

7-Day Average of Investigations Initiated within 24 Hours
• Goal: Over 90%



96%

7-Day Average of Close Contacts Traced within 24 Hours
• Goal: Over 90%



58,662

Total Case Investigations Performed



TREAT



91

7-Day Average of Individuals in Public Health Rooms



1,862

Cumulative Number of Individuals in Public Health Rooms



3,056

Total Doses of Donated Convalescent Plasma

Data as of: Thursday, October 15, 2020

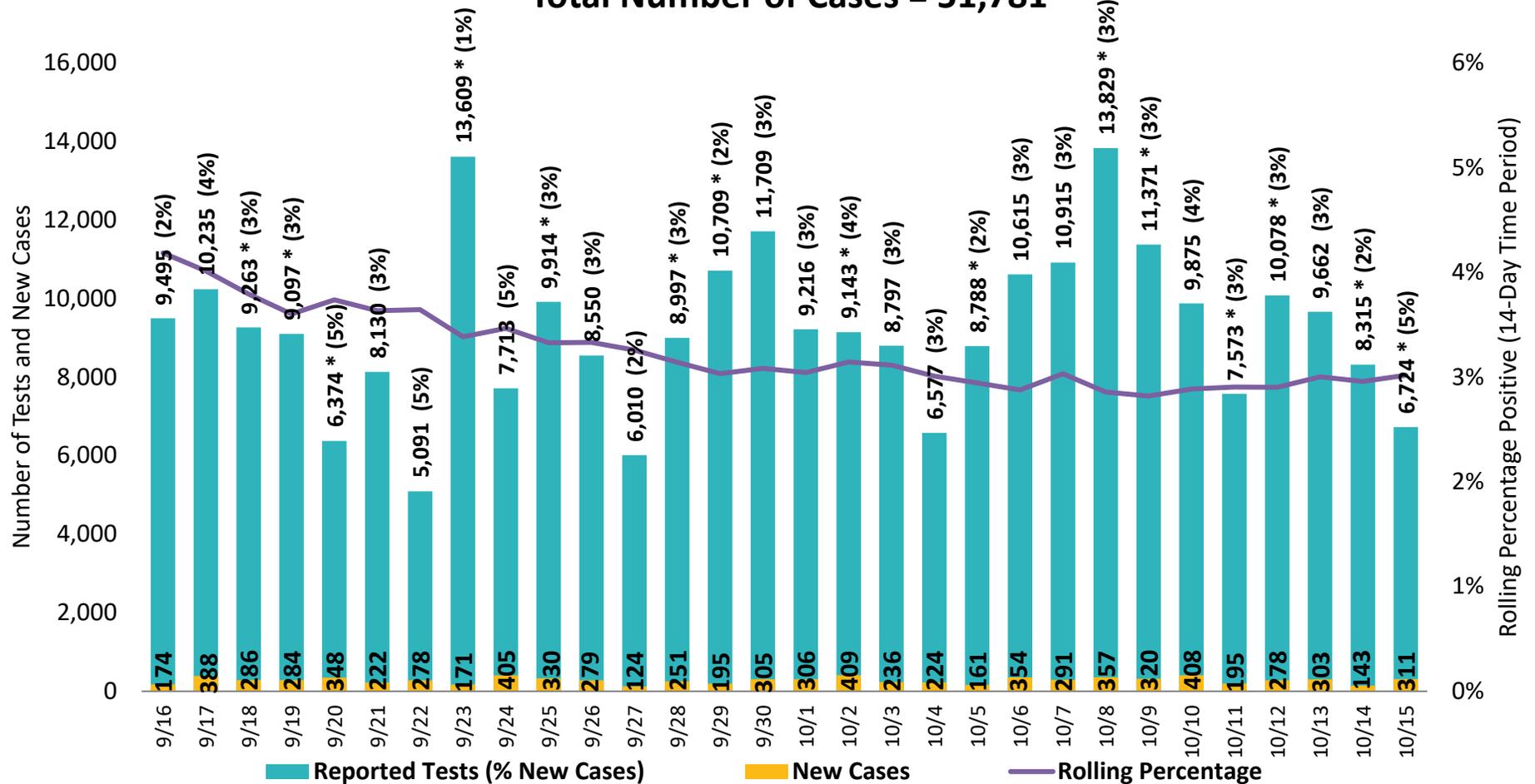
Dashboard Updated: Friday, October 16, 2020

COVID-19 Percentage Positive



Percentage of Positive COVID-19 Cases Among Tests by Date Reported

Total Number of Cases = 51,781



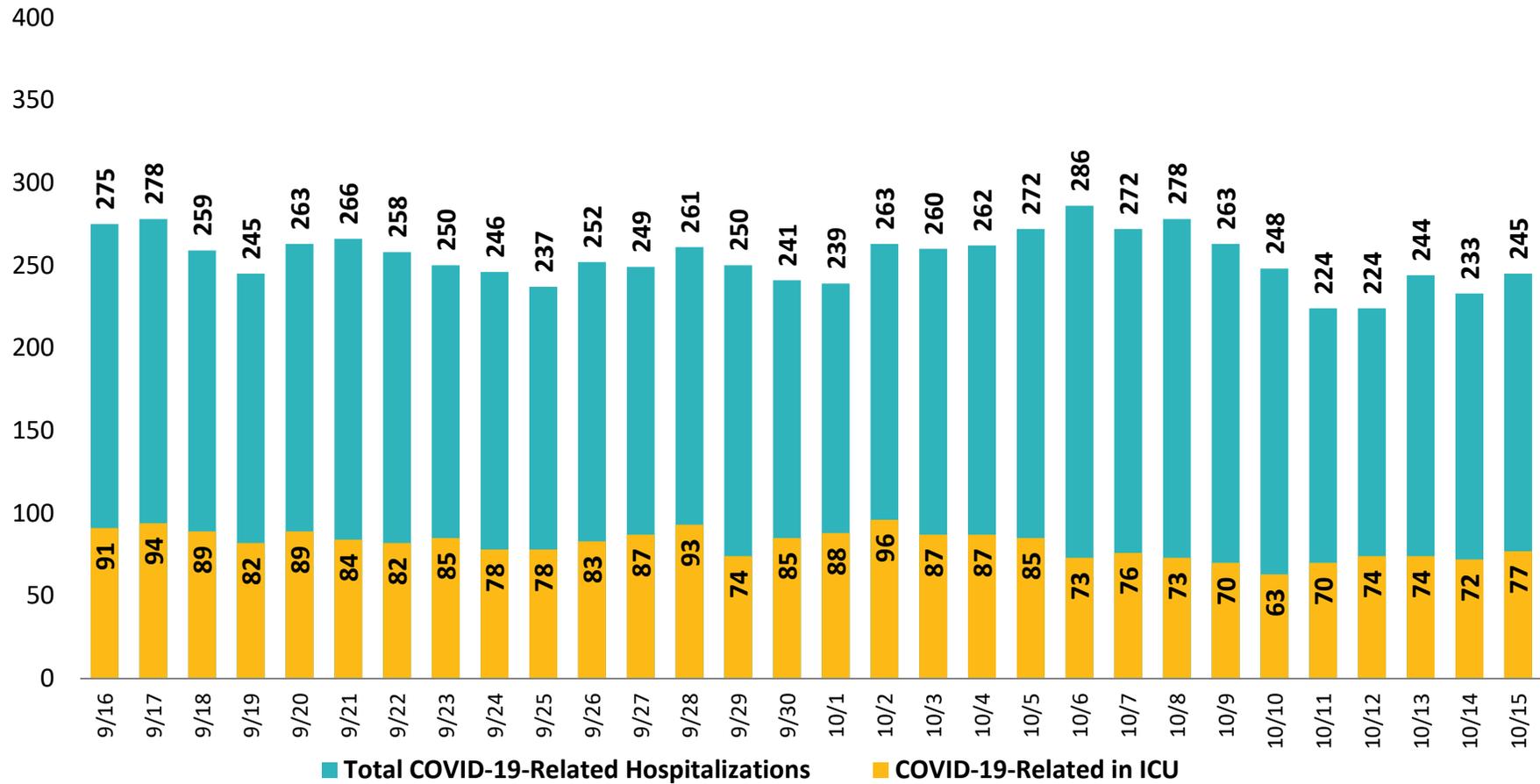
Data are preliminary and subject to change; numerator: cases among San Diego County residents; denominator: all tests including San Diego County residents and non-residents; *received batch of prior tests; rolling average percentage for 14-day time period; total number of tests = 1,262,363; 10/15/2020 rolling average = 3.0%.

Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Hospital Census



COVID-19 Hospital Daily Census in San Diego County Includes Cases and Suspect COVID-19 Patients

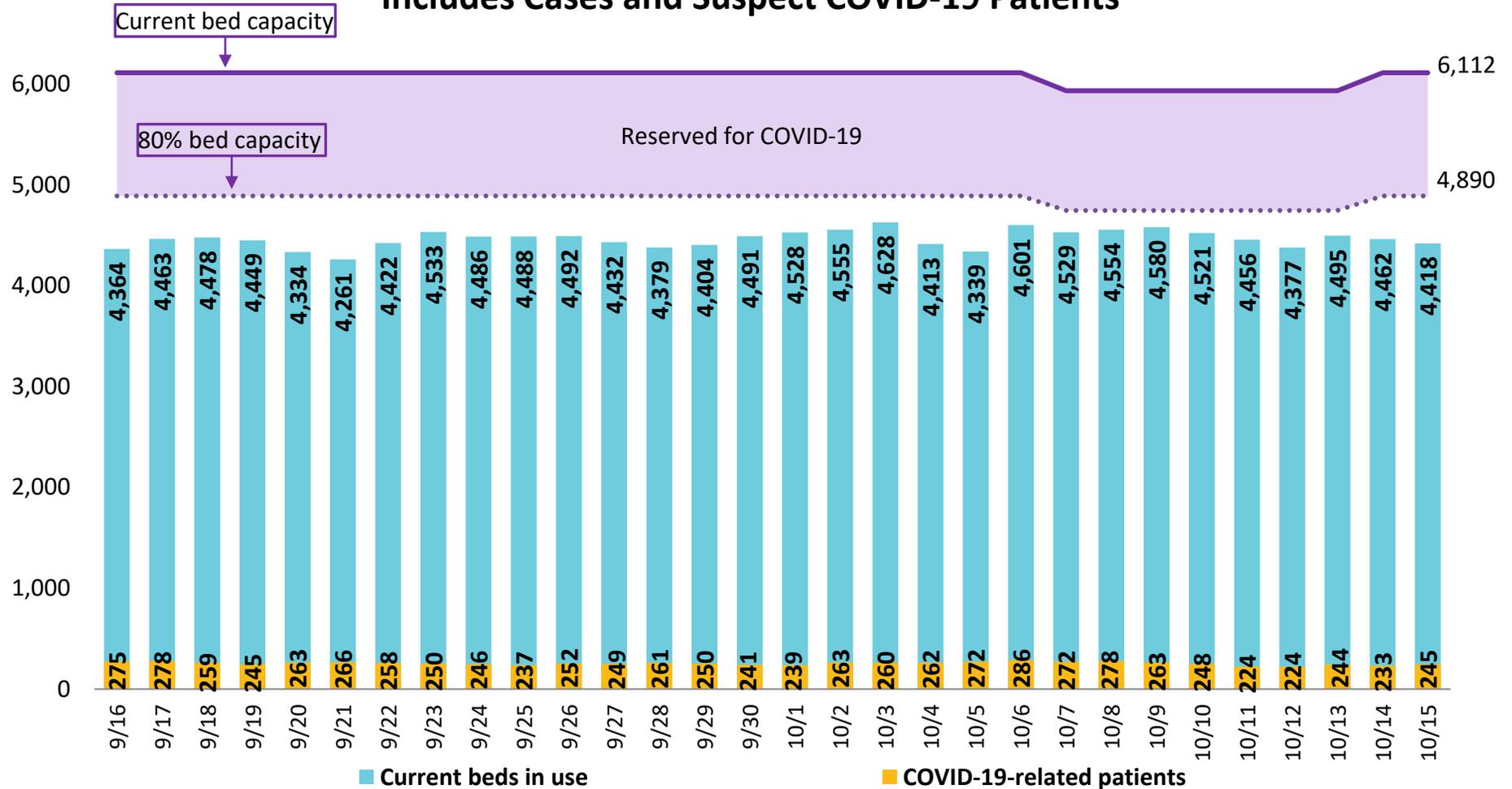


Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; census for San Diego County non-federal hospitals; includes cases and suspect COVID-19 patients for San Diego County residents and non-residents
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Daily Hospital Bed Census



COVID-19 Daily Hospital Census, San Diego County Includes Cases and Suspect COVID-19 Patients

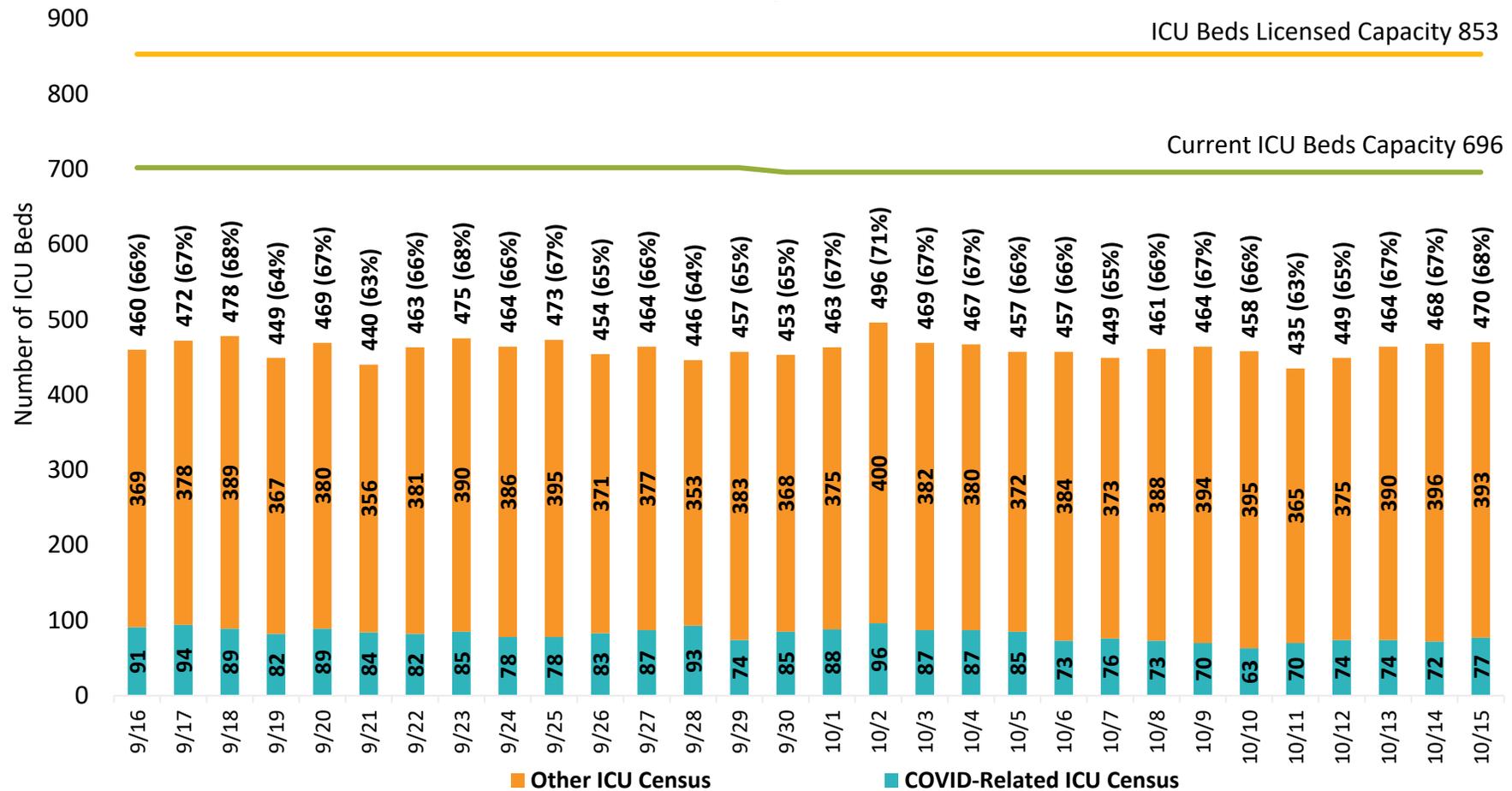


Data are preliminary and subject to change; data from hospitals reporting directly to the County of San Diego; include cases and suspect patients for non-federal hospitals for San Diego County residents and non-residents; current bed capacity for non-federal hospitals in San Diego County
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

ICU Bed Occupancy and Capacity



COVID-19 Daily ICU Bed Occupancy and Capacity, San Diego County Includes Cases and Suspect COVID-19 Patients

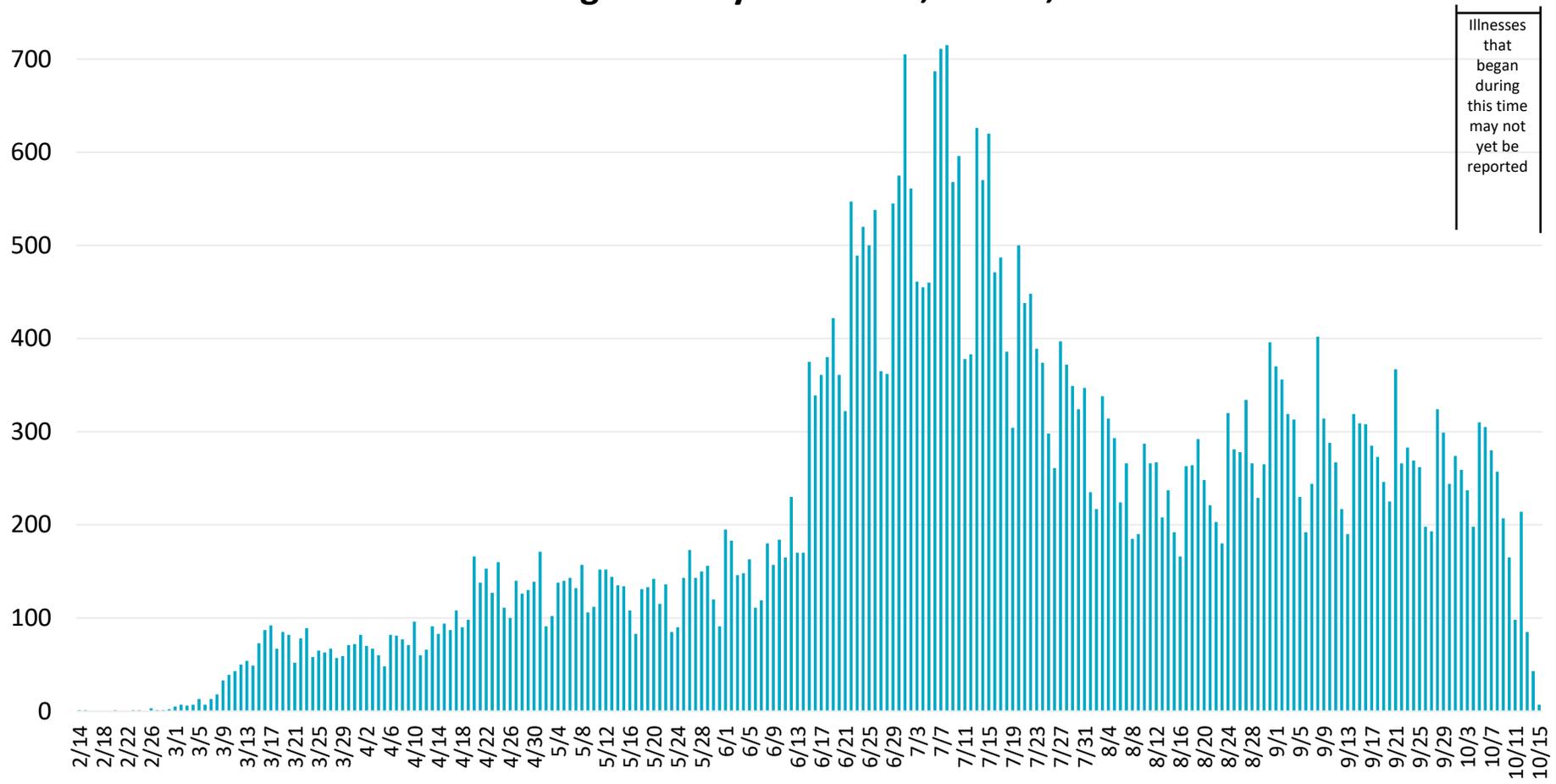


Data are preliminary and subject to change; data from hospitals reporting directly to County of San Diego; include cases and suspect patients for San Diego County residents and non-residents; current ICU bed capacity for beds on site; all data for non-federal hospitals in San Diego County
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Cases in San Diego County by Illness Onset Date



Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N = 51,781



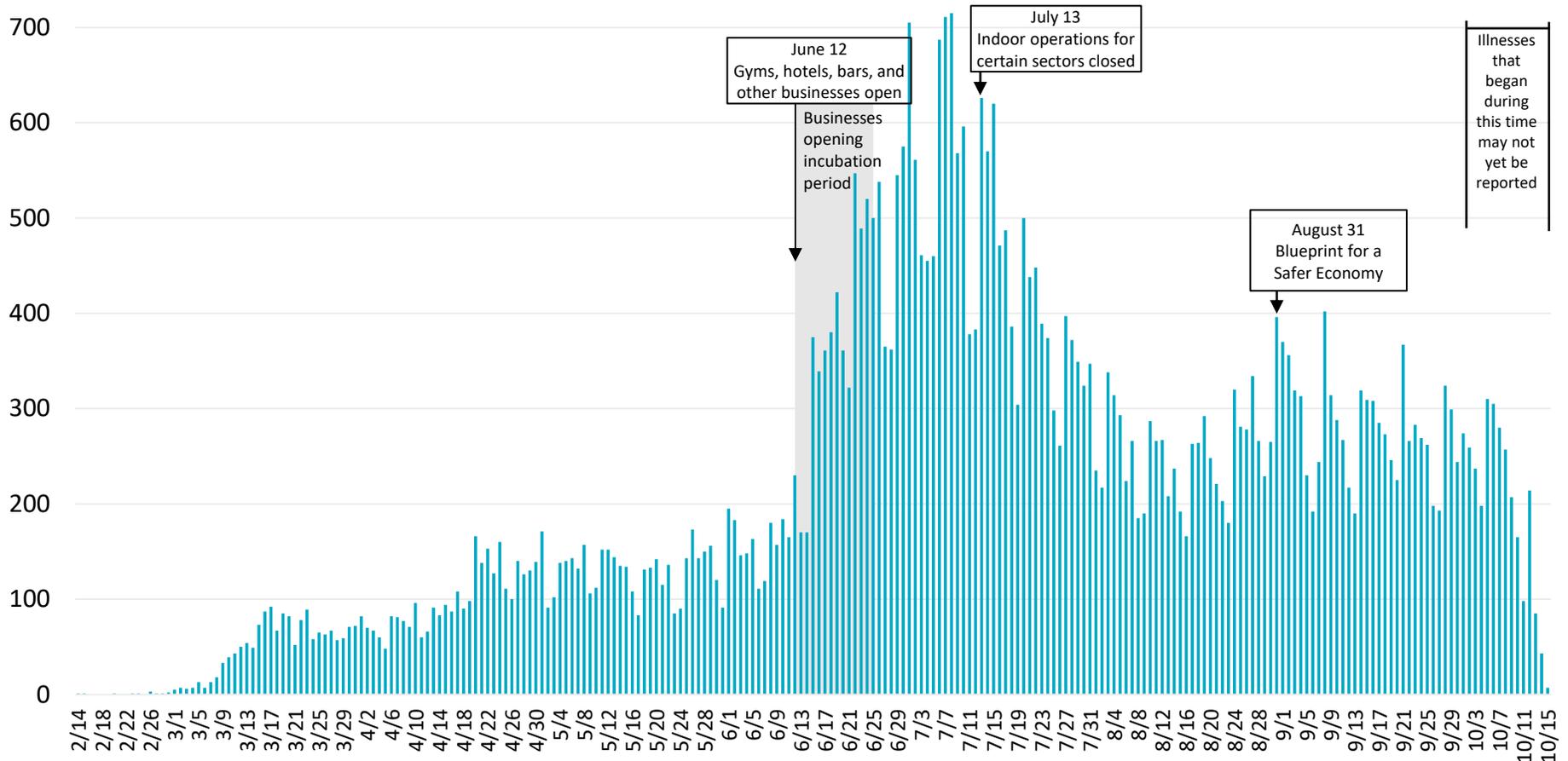
Data are preliminary and subject to change; *if case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead

Prepared by County of San Diego, Emergency Operation Center, 10/16/2020

COVID-19 Cases in San Diego County by Illness Onset Date



Confirmed COVID-19 Cases by Date of Illness Onset* San Diego County Residents, N = 51,781



Data are preliminary and subject to change; *if case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead

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State Monitoring Metrics



Currently in **Tier # 2 (Red)**

Case Rate and Testing Positivity Percentage Thresholds

	Dates of interest for analyses	Unadjusted case rate per 100,000 (7-day daily average with a 7-day lag)	Adjusted case rate per 100,000 (7-day daily average with a 7-day lag)	% Testing positivity (7-day average with a 7-day lag)*	Testing Rate per 100,000 (7-day average with a 7-day lag)*
date updated: 9/22/2020	9/6 – 9/12	6.8	6.9	3.8%*	210.5*
date updated: 9/29/2020	9/13 - 9/19	7.2	6.7	3.5%	258.0
date updated: 10/6/2020	9/20 - 9/26	7.0	6.5	3.5%	260.9
date updated: 10/13/2020	9/27 – 10/3	7.2	6.8	3.0%	273.5

Tier	Case Rate (per 100,000)	Testing Positivity Percentage
1 (Purple)	>7.0	>8.0%
2 (Red)	4.0-7.0	5.0-8.0%
3 (Orange)	1.0-3.9	2.0-4.9%
4 (Yellow)	<1.0	<2.0%

Data are preliminary and subject to change; case rate from California Department of Public Health and calculated using California Department of Finance 2020 Projection Population Estimate for San Diego County to be 3,370,418; *testing metrics calculated using San Diego County data Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

Triggers Dashboard

Date Updated: October 16, 2020



Epidemiology (Surveillance)	Healthcare (Hospital Capacity)	Public Health (Response)
<p>1. Adjusted Case Rate (Tier 1: >7.0, Tier 2: 4.0-7.0)†</p> <p>6.8 ✓</p>	<p>5. Hospital Capacity (80%+)</p> <p>72% ✓</p>	<p>10. Testing Positivity (8%+)</p> <p>3.1% ✓</p>
<p>2. Community Outbreaks* (7+)</p> <p>40 ✗</p>	<p>6. Increasing Hospitalizations (>10%)†</p> <p>1.1% ✓</p>	<p>11. Case Investigation (≤70%)</p> <p>96% ✓</p>
<p>3. COVID-19 Syndromic (upward)</p> <p>1% ✓</p>	<p>7. ICU Capacity* (<20%)</p> <p>32% ✓</p>	<p>12. Contact Tracing (≤70%)</p> <p>96% ✓</p>
<p>4. Influenza-Like Illness (upward)</p> <p>2% ✓</p>	<p>8. Limited Ventilator Capacity (<25%)</p> <p>52% ✓</p>	<p>13. Homeless Population (<15%)</p> <p>32% ✓</p>
	<p>9. PPE Supply* (≤50%)</p> <p>79% ✓</p>	

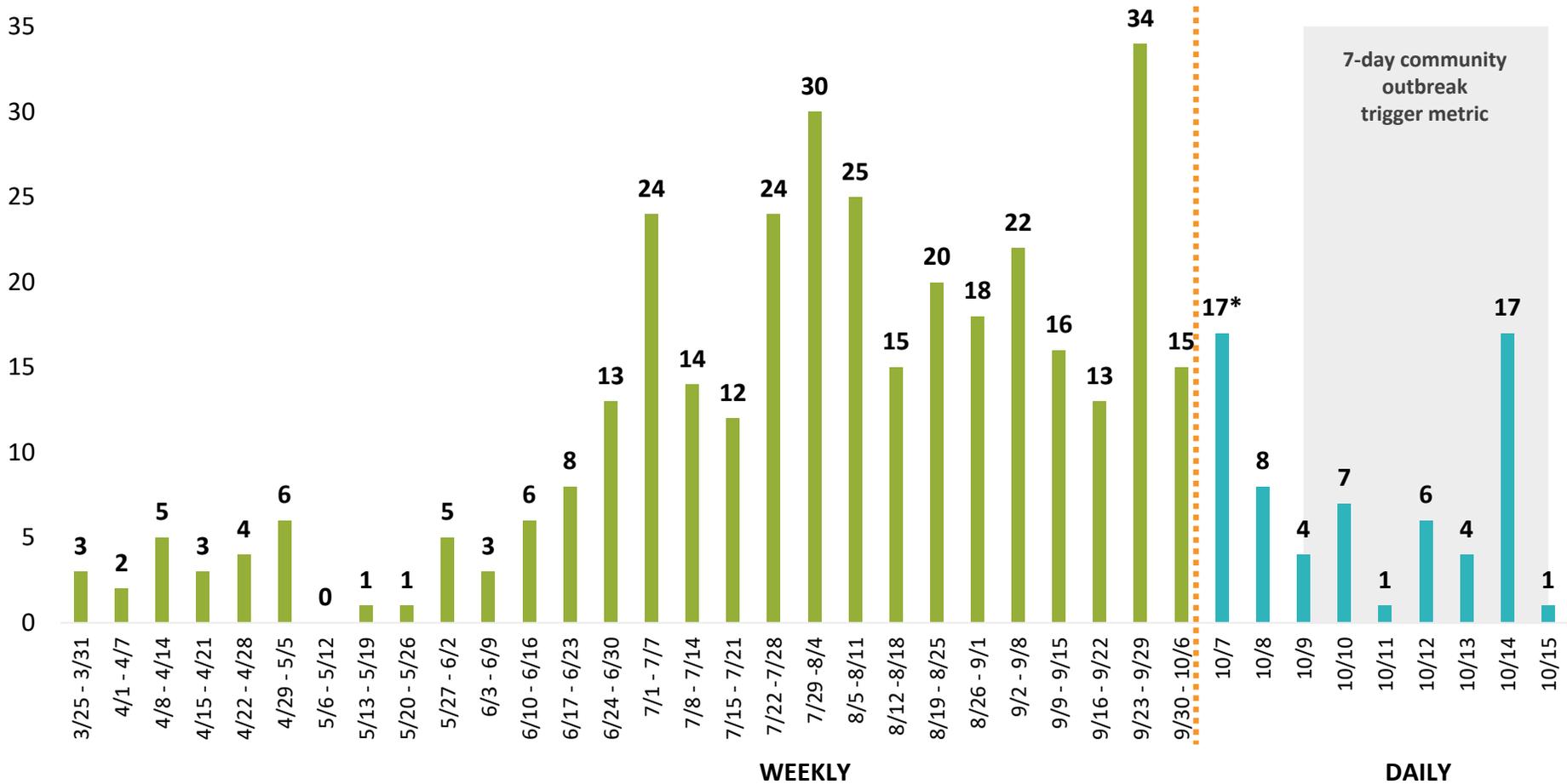
* Health Officer Order will be modified when any of the following three criteria are met: 2. Community Outbreaks, 7. ICU Capacity, 9. PPE Supply, or one or more of the remaining criteria in at least two of the three categories is met: Epidemiology (Surveillance), Healthcare (Hospital Capacity), Public Health (Response)

†calculated by the State and case rate updated weekly. Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Community Outbreaks by Date Outbreak Confirmed



COVID-19 Community Outbreaks by Date Outbreak Confirmed Total Number of Community Outbreaks = 407

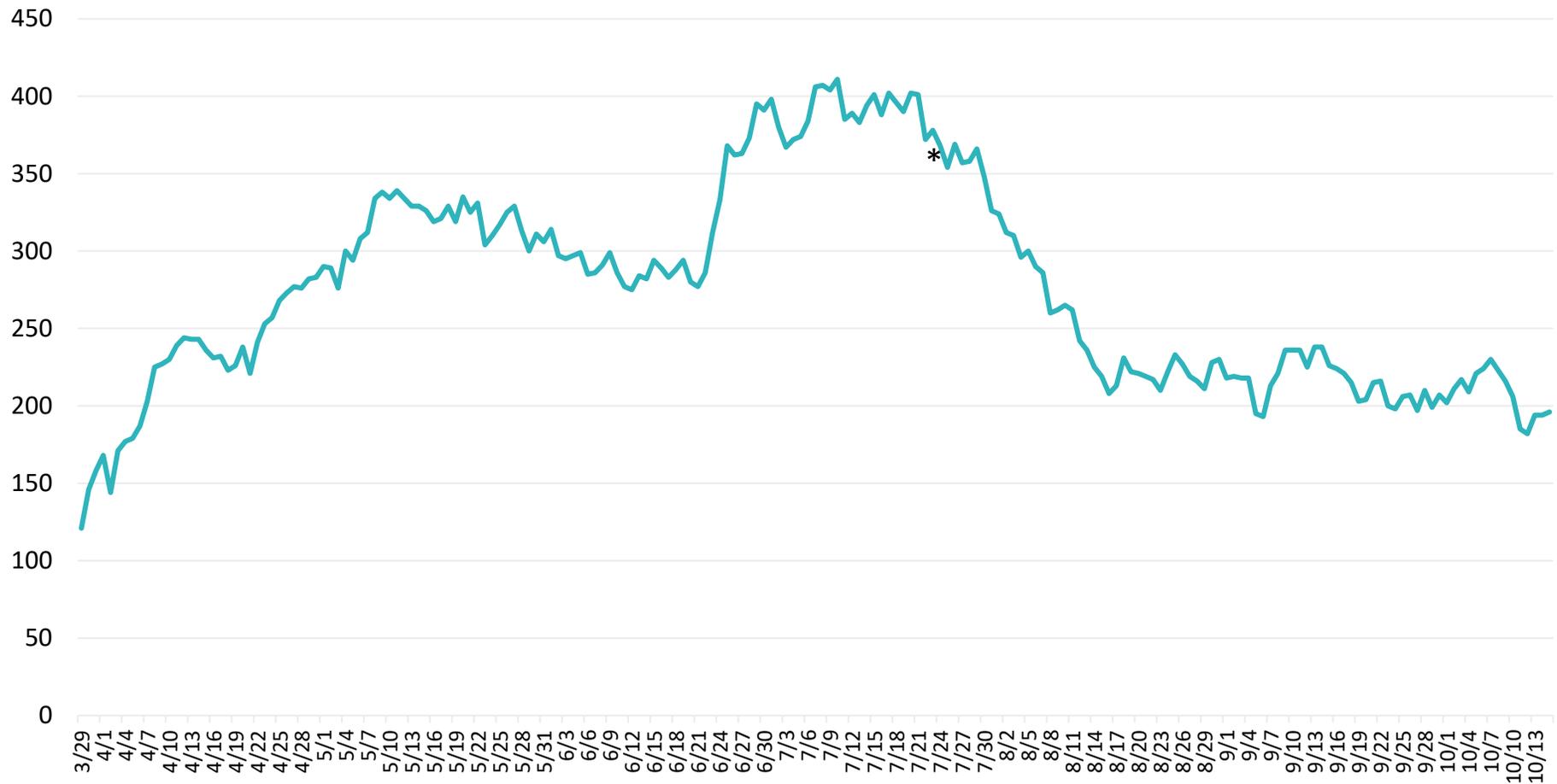


Data are preliminary and subject to change; 10/7: two previously reported outbreaks were removed after further investigation
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Confirmed Hospital Census



COVID-19 Confirmed Hospitalized Patients

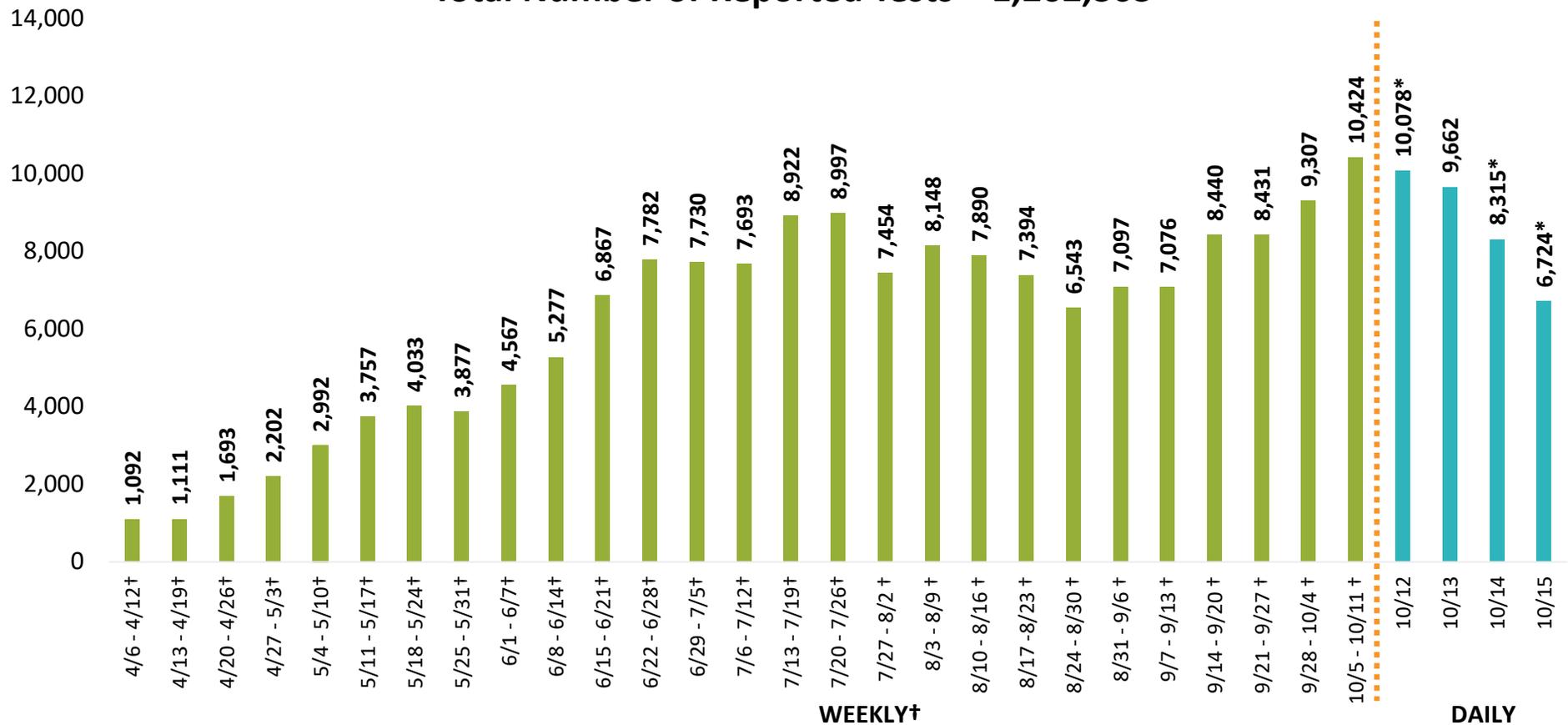


Data are preliminary and subject to change; data through 7/30 from State of California Health and Human Services Open Data; data starting 7/31 from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents
*7/22-7/24, 7/27 State changed data source and missing data replaced with data reported directly to County of San Diego
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Tests by Date Reported



**Daily Average by Week and Daily Number of COVID-19 Tests
in San Diego County by Date Reported**
Total Number of Reported Tests = 1,262,363

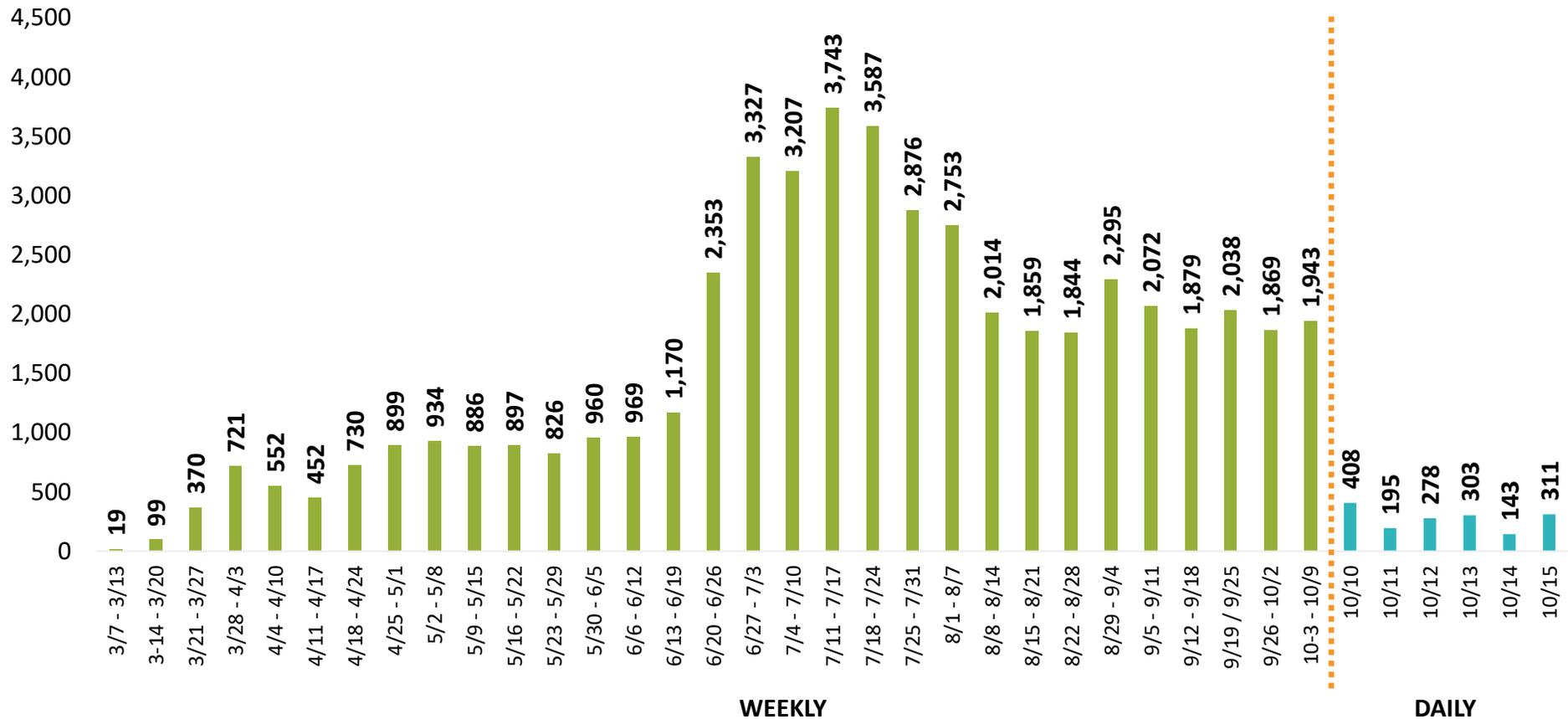


Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †daily average; *received batch of prior tests
Data available at: <https://sdgis-sandag.opendata.arcgis.com/>
Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Cases by Date Reported



COVID-19 Cases Among San Diego County Residents New Cases by Date Reported Total Number of Cases = 51,781



Data are preliminary and subject to change; prior weeks by week reported (green bars)
 Data available at: <https://sdgis-sandag.opendata.arcgis.com/>
 Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

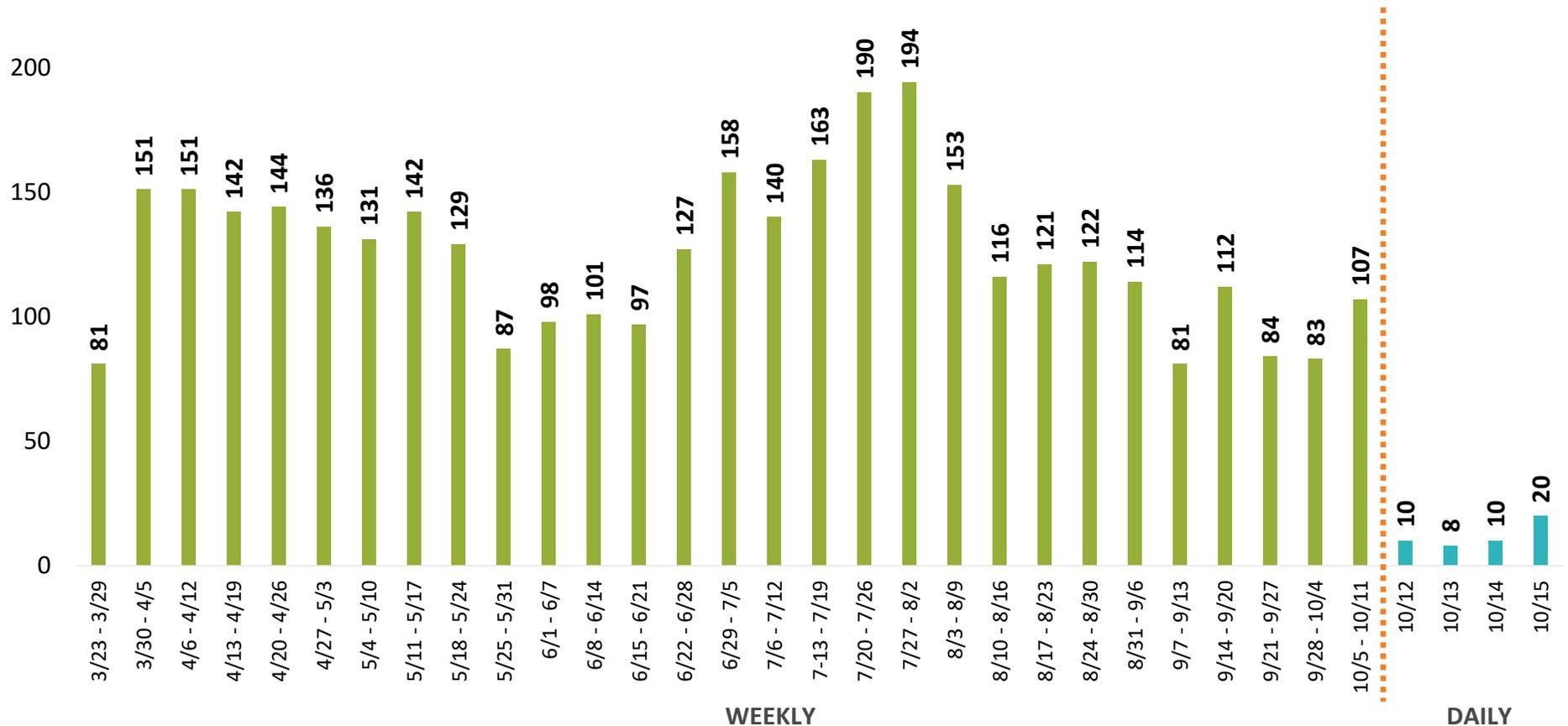
COVID-19 Confirmed Hospitalizations by Date Reported



COVID-19 Confirmed Hospitalizations Among San Diego County Residents

New Hospitalizations by Date Reported

Total Number of Hospitalizations = 3,740



Data are preliminary and subject to change; among San Diego County residents, except data prior to 3/25/2020 includes both San Diego County residents and non-residents
 Data available at: <https://sdgis-sandag.opendata.arcgis.com/>
 Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

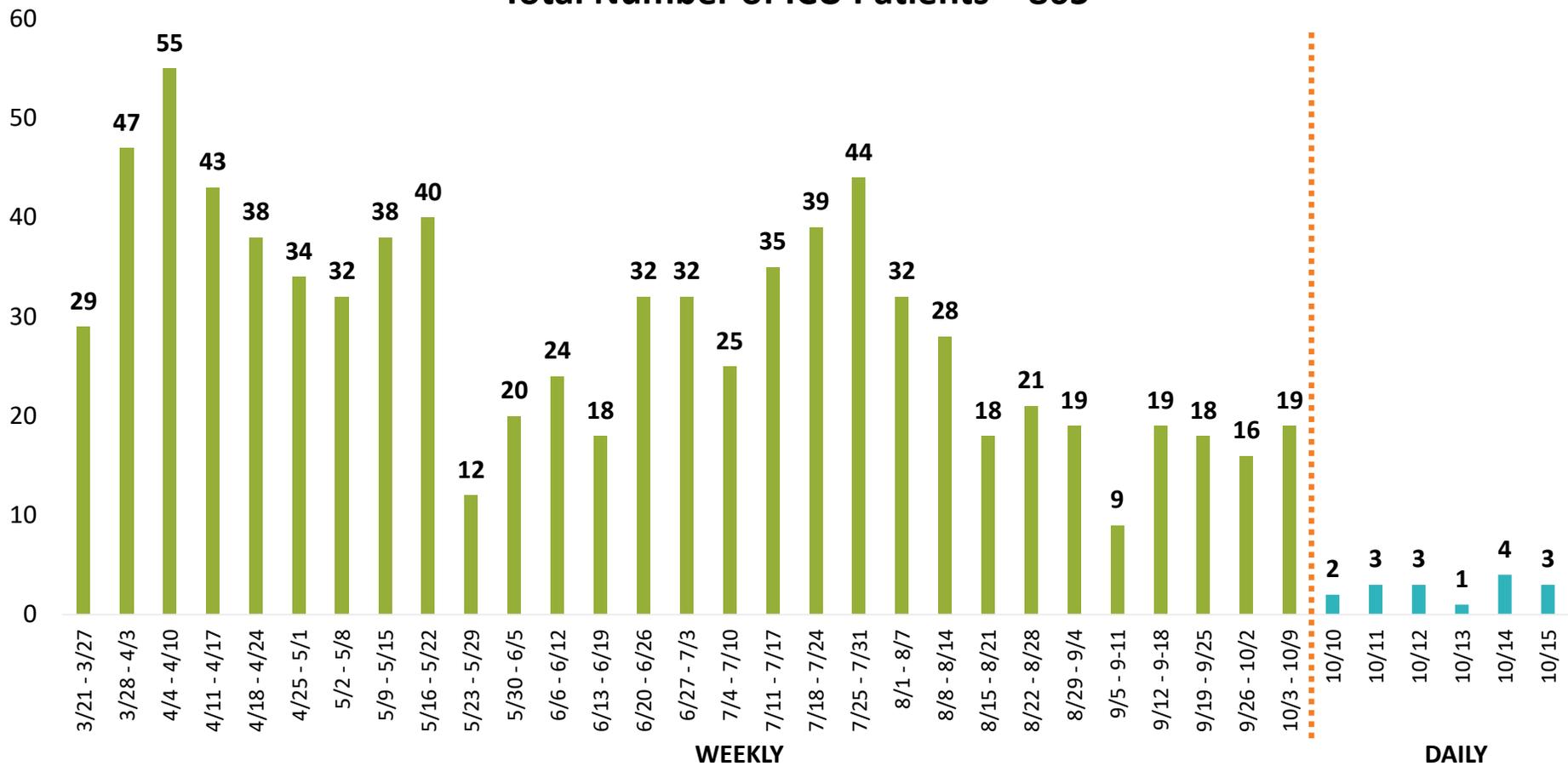
COVID-19 Confirmed ICU Patients by Date Reported



COVID-19 Confirmed ICU Patients Among San Diego County Residents

New ICU Patients by Date Reported

Total Number of ICU Patients = 865

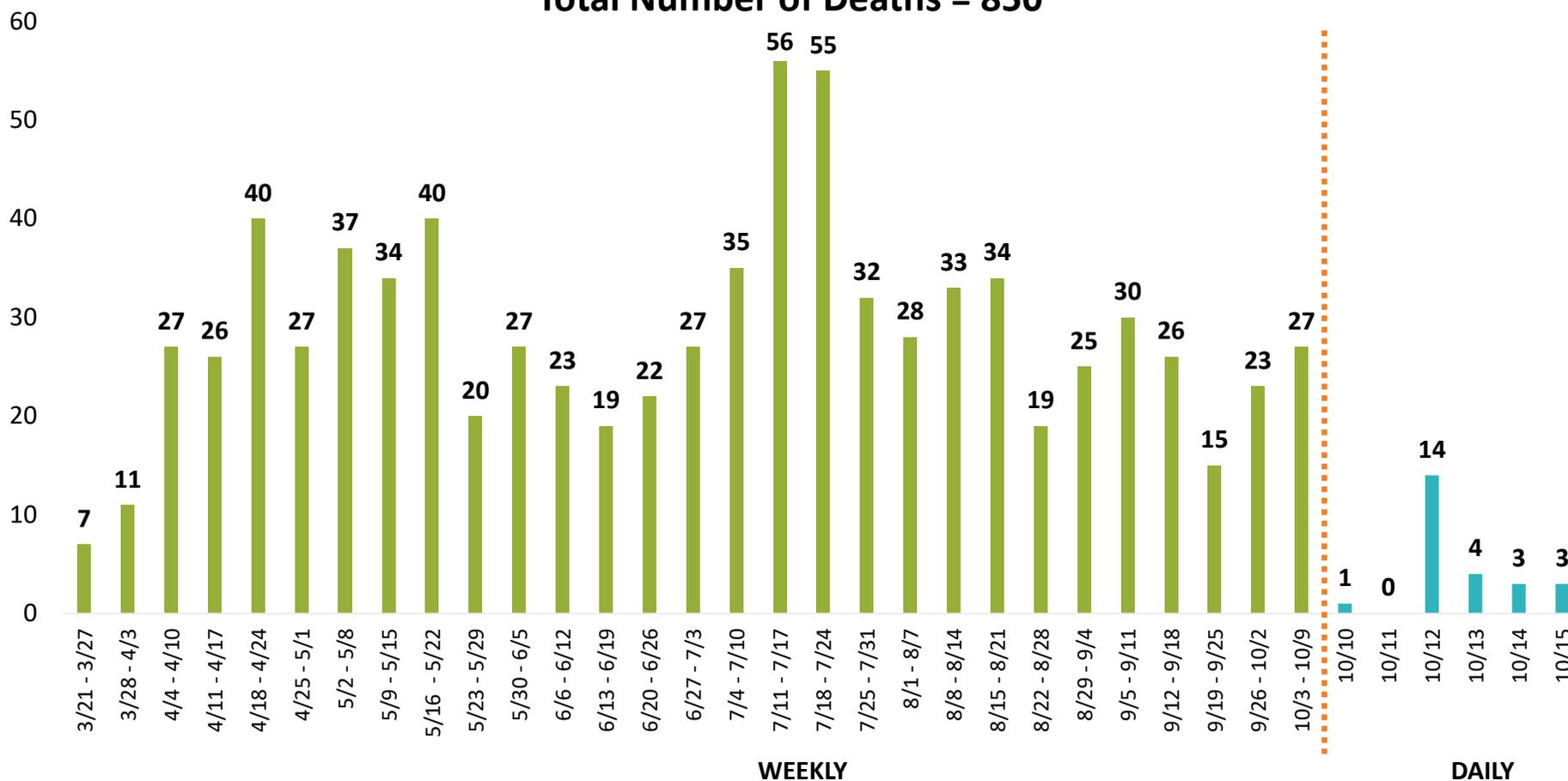


Data are preliminary and subject to change; among San Diego County residents, except data prior to 3/25/2020 includes both San Diego County residents and non-residents
 Data available at: <https://sdqis-sandag.opendata.arcgis.com/> Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

COVID-19 Deaths by Report Date



COVID-19 Associated Deaths by Report Date Among San Diego County Residents Total Number of Deaths = 850



Data are preliminary and subject to change

Prepared by County of San Diego, Emergency Operations Center, 10/16/2020

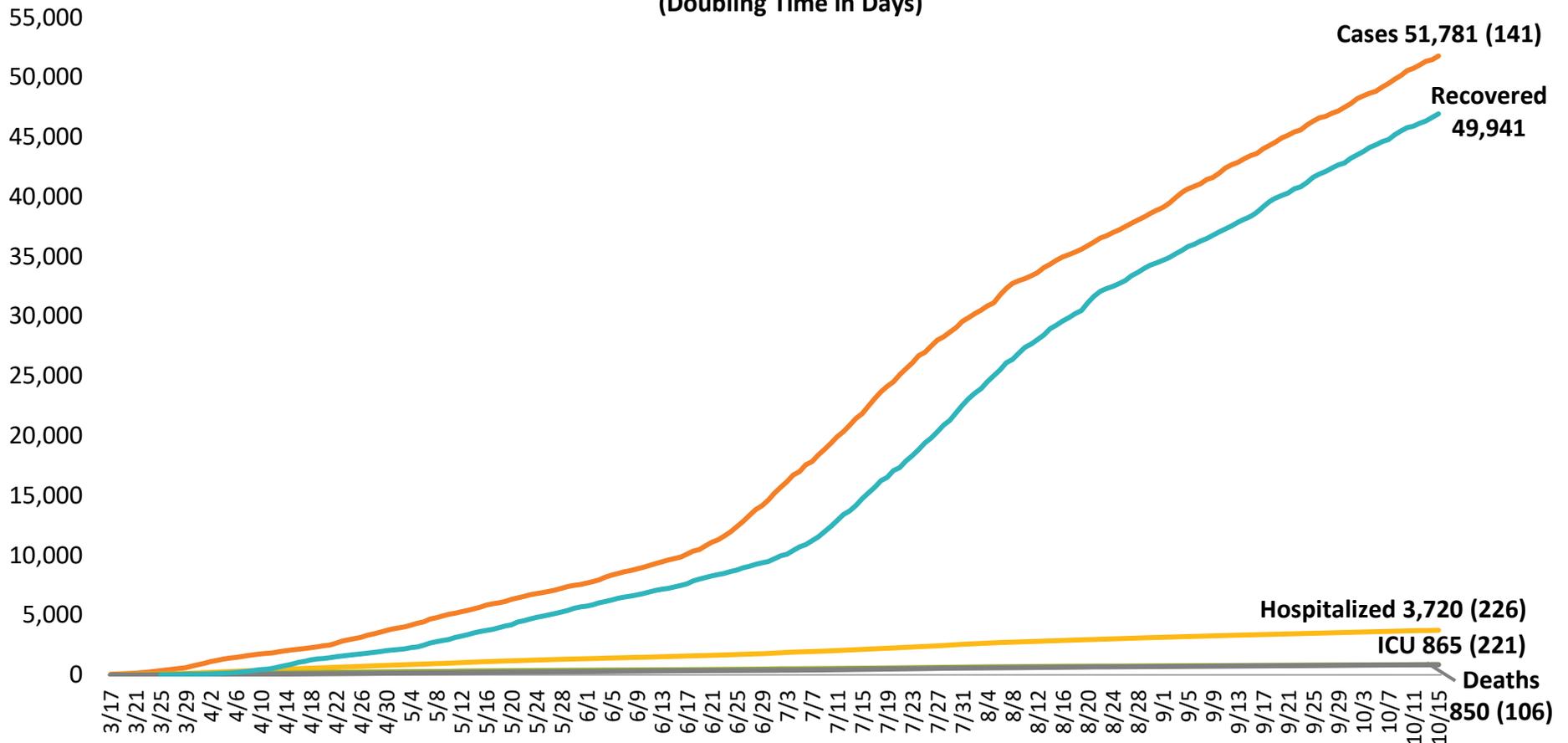
COVID-19 Totals and Doubling Time



Totals Since 2/14/2020 and Doubling Time by Date Reported

— Cases — Hospitalized — ICU — Deaths — Recovered

(Doubling Time in Days)



Data are preliminary and subject to change; data prior to 3/25/2020 includes both San Diego County residents and non-residents; doubling time calculated for a 5-day time period

Prepared by County of San Diego, Emergency Operations Center, 10/16/2020