T3 Strategy: Test, Trace and Treat

TEST

July 18

8,943

Daily Tests Reported
Goal: 5,200
7-Day Average: 8,731

497,779

Total Tests Reported

TRACE

522

FTE Resources Available
Goal: 450

27,230

Investigations Performed

TREAT

86

Individuals in Isolation in Public Health Rooms
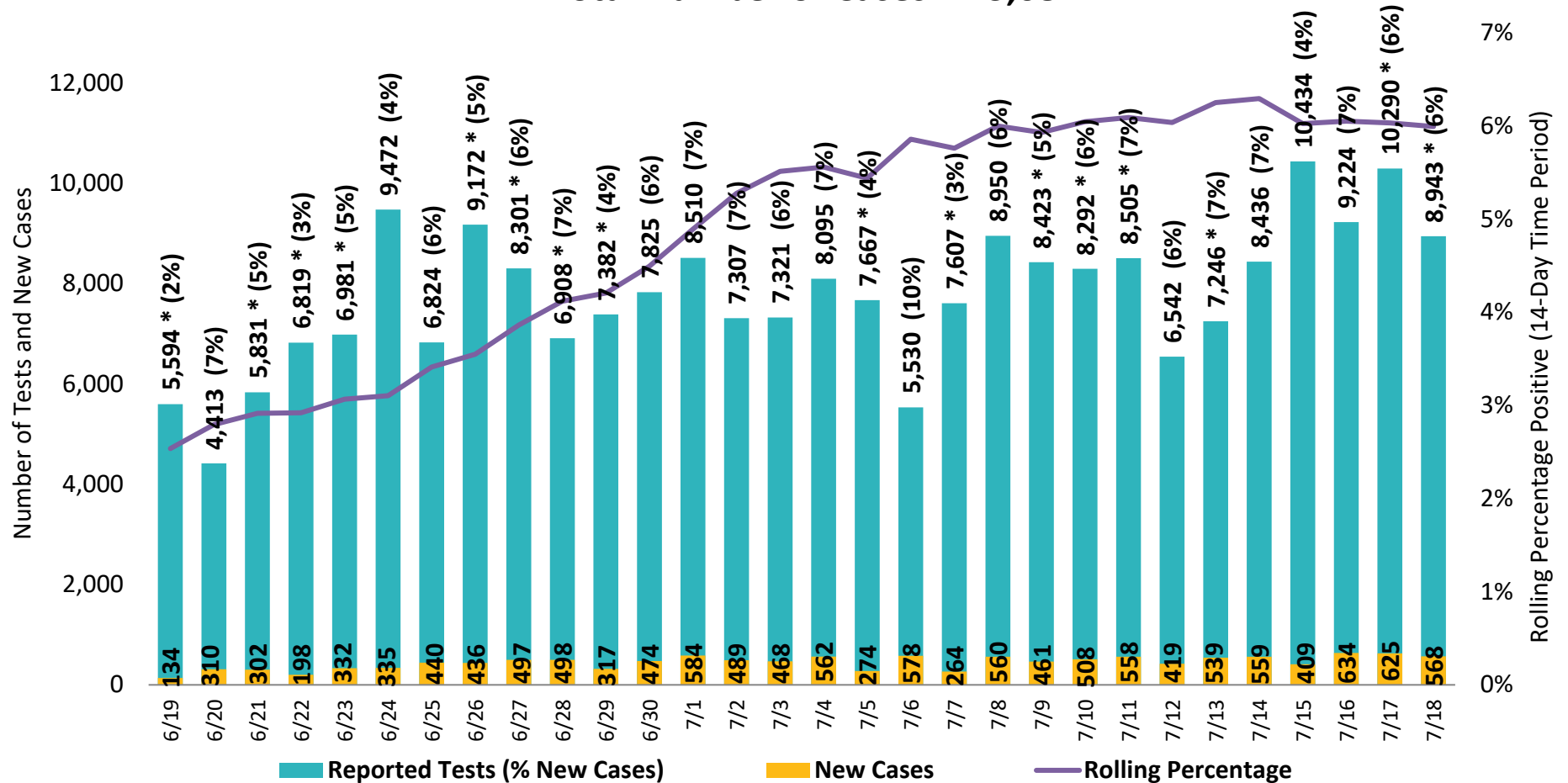
1,181

Cumulative

Data as of: Saturday, July 18, 2020
Dashboard Updated: Sunday, July 19, 2020

COVID-19 Percentage Positive

LIVE WELL
SAN DIEGO

Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 23,682

Legend: Reported Tests (% New Cases) — New Cases — Rolling Percentage
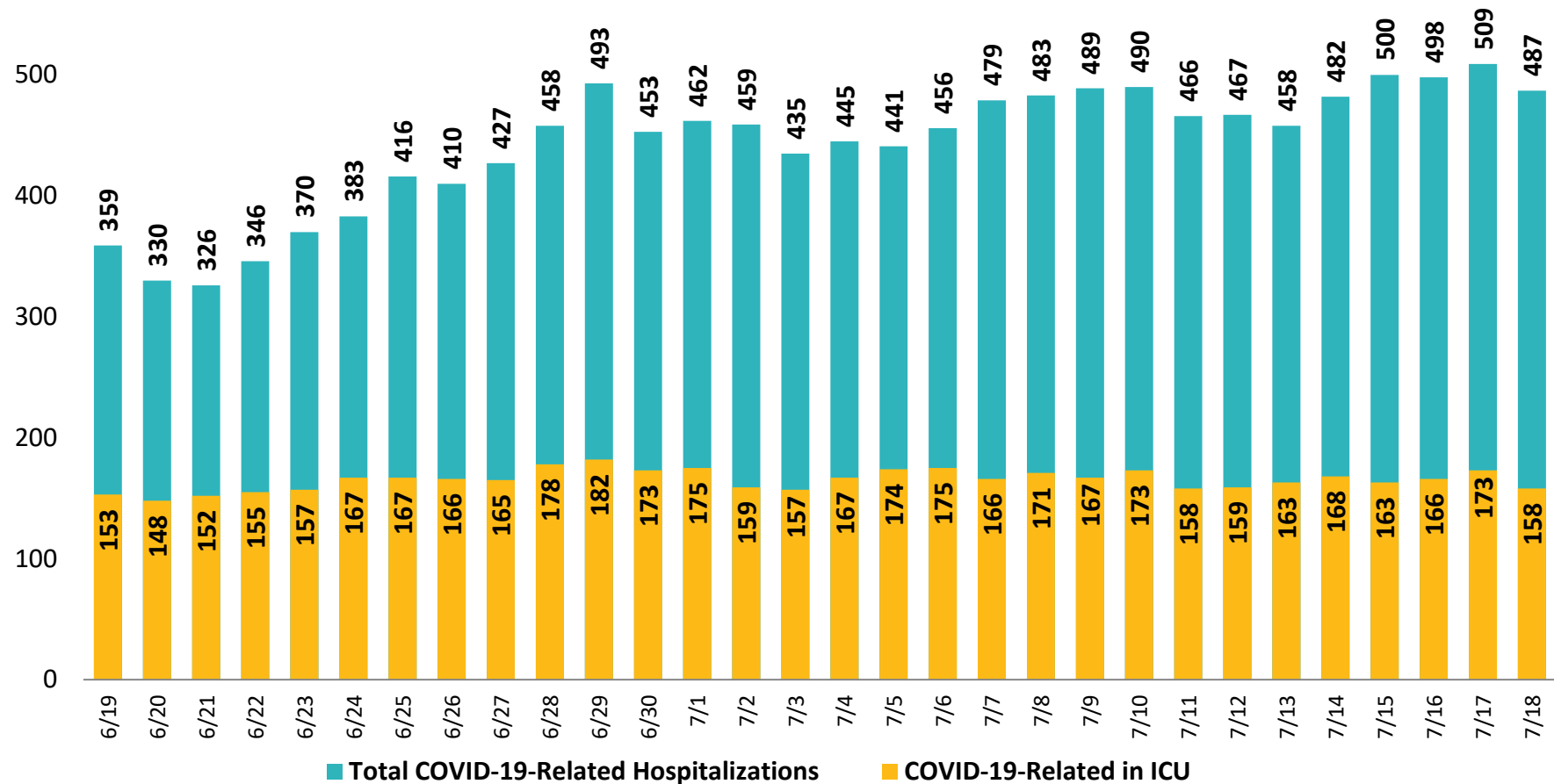
*Data are preliminary and subject to change; numerator: cases among San Diego County residents; denominator: all tests including San Diego County residents and non-residents; *received batch of prior tests; rolling average percentage for 14-day time period; total number of tests = 497,779; 7/18/2020 rolling average = 6.0%*
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

COVID-19 Hospital Census

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

Total COVID-19-Related Hospitalizations   **COVID-19-Related in ICU**
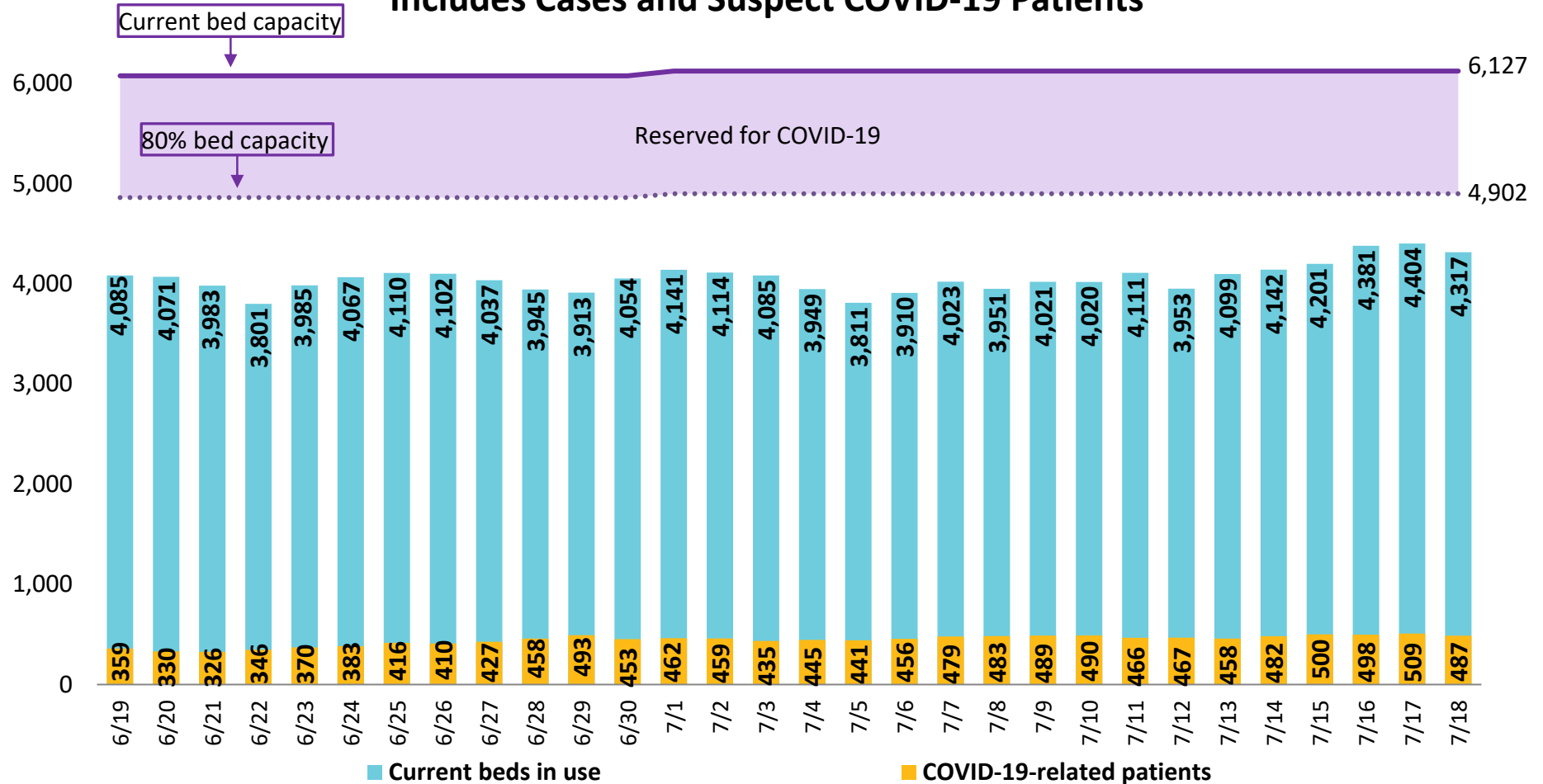
Data are preliminary and subject to change; data from State of California Health and Human Services Open Data; census for San Diego County non-federal hospitals; includes cases and suspect COVID-19 patients for San Diego County residents and non-residents

Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

COVID-19 Daily Hospital Bed Census

LIVE WELL SAN DIEGO

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

Current bed capacity

80% bed capacity

Reserved for COVID-19

6,127

4,902

Date	Current beds in use	COVID-19-related patients
6/19	4,085	359
6/20	4,071	330
6/21	3,983	326
6/22	3,801	346
6/23	3,985	370
6/24	4,067	383
6/25	4,110	416
6/26	4,102	410
6/27	4,037	427
6/28	3,945	458
6/29	3,913	493
6/30	4,054	453
7/1	4,141	462
7/2	4,114	459
7/3	4,085	435
7/4	3,949	445
7/5	3,811	441
7/6	3,910	456
7/7	4,023	479
7/8	3,951	483
7/9	4,021	489
7/10	4,020	490
7/11	4,111	466
7/12	3,953	467
7/13	4,099	458
7/14	4,142	482
7/15	4,201	500
7/16	4,381	498
7/17	4,404	509
7/18	4,317	487

■ **Current beds in use** ■ **COVID-19-related patients**
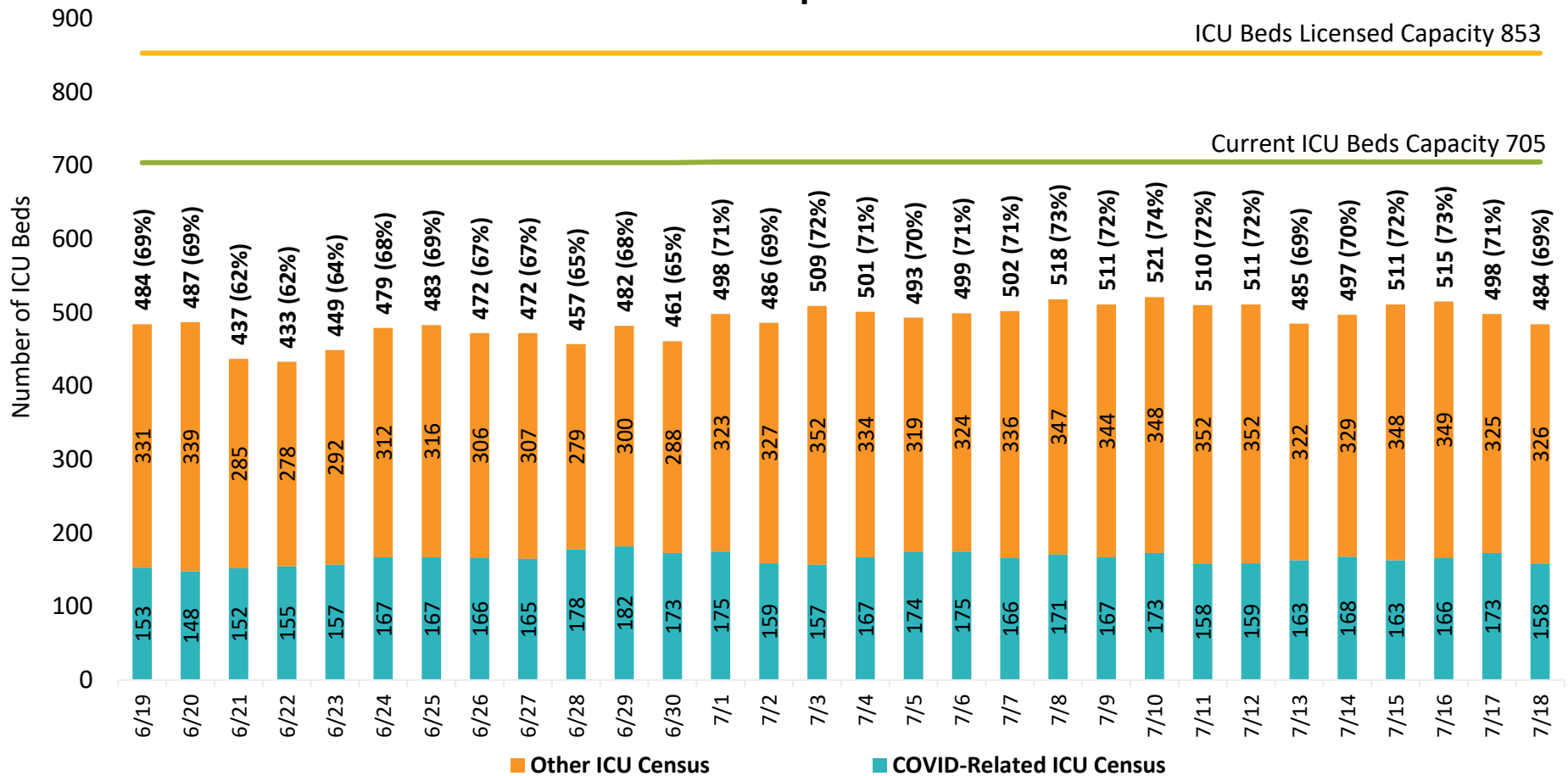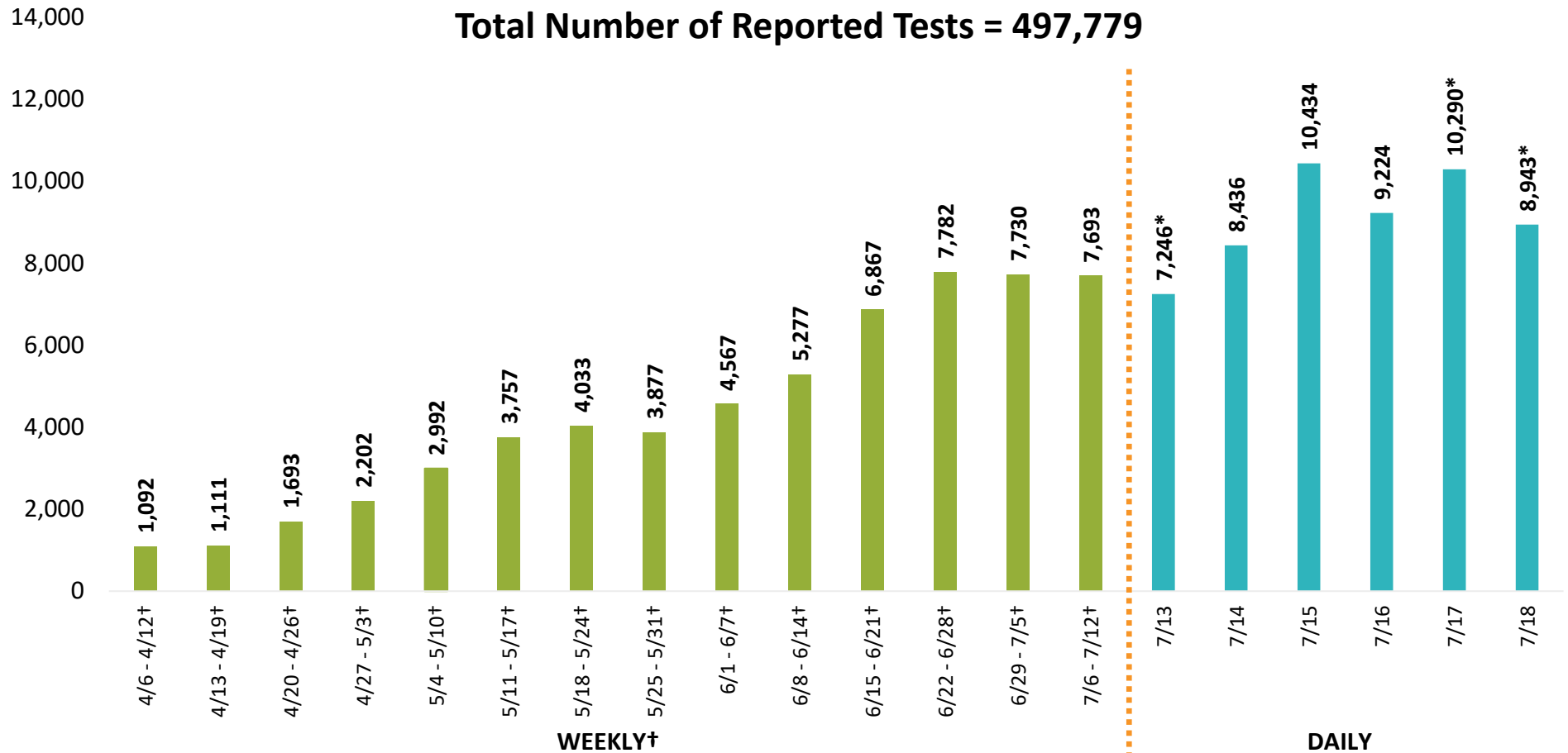
Data are preliminary and subject to change; data for COVID-19-related patients from State of California Health and Human Services Open Data and include cases and suspect patients for non-federal hospitals for San Diego County residents and non-residents; current bed capacity for non-federal hospitals in San Diego County
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

ICU Bed Occupancy and Capacity

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

ICU Beds Licensed Capacity 853

Current ICU Beds Capacity 705

Legend: Other ICU Census (orange), COVID-Related ICU Census (teal)

Date	Total (%)	Other ICU Census	COVID-Related ICU Census
6/19	484 (69%)	331	153
6/20	487 (69%)	339	148
6/21	437 (62%)	285	152
6/22	433 (62%)	278	155
6/23	449 (64%)	292	157
6/24	479 (68%)	312	167
6/25	483 (69%)	316	167
6/26	472 (67%)	306	166
6/27	472 (67%)	307	165
6/28	457 (65%)	279	178
6/29	482 (68%)	300	182
6/30	461 (65%)	288	173
7/1	498 (71%)	323	175
7/2	486 (69%)	327	159
7/3	509 (72%)	352	157
7/4	501 (71%)	334	167
7/5	493 (70%)	319	174
7/6	499 (71%)	324	175
7/7	502 (71%)	336	166
7/8	518 (73%)	347	171
7/9	511 (72%)	344	167
7/10	521 (74%)	348	173
7/11	510 (72%)	352	158
7/12	511 (72%)	352	159
7/13	485 (69%)	322	163
7/14	497 (70%)	329	168
7/15	511 (72%)	348	163
7/16	515 (73%)	349	166
7/17	498 (71%)	325	173
7/18	484 (69%)	326	158

Y-axis: Number of ICU Beds (0 to 900)

Data are preliminary and subject to change; data for COVID-19-related patients from State of California Health and Human Services Open Data and 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, 7/19/2020

COVID-19 Tests by Date Reported

LIVE WELL SAN DIEGO

Weekly Average and Daily Number of COVID-19 Tests in San Diego County by Date Reported
Total Number of Reported Tests = 497,779

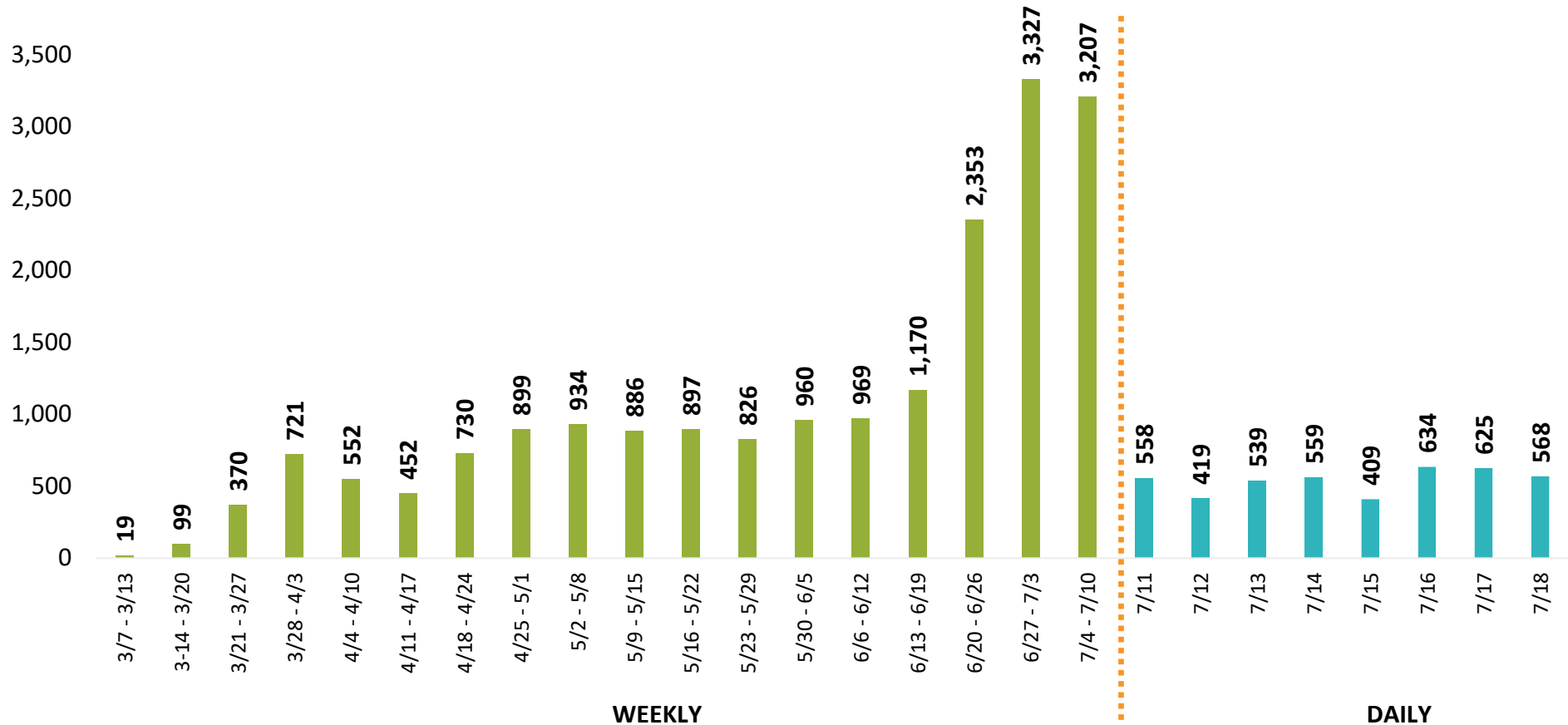| Date	Tests
4/6 - 4/12†	1,092
4/13 - 4/19†	1,111
4/20 - 4/26†	1,693
4/27 - 5/3†	2,202
5/4 - 5/10†	2,992
5/11 - 5/17†	3,757
5/18 - 5/24†	4,033
5/25 - 5/31†	3,877
6/1 - 6/7†	4,567
6/8 - 6/14†	5,277
6/15 - 6/21†	6,867
6/22 - 6/28†	7,782
6/29 - 7/5†	7,730
7/6 - 7/12†	7,693
7/13	7,246*
7/14	8,436
7/15	10,434
7/16	9,224
7/17	10,290*
7/18	8,943*

WEEKLY†   **DAILY**

*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, 7/19/2020

COVID-19 Cases by Date Reported

LIVE WELL SAN DIEGO

COVID-19 Cases Among San Diego County Residents
New Cases by Date Reported
Total Number of Cases = 23,682

Date	Cases
3/7 - 3/13	19
3/14 - 3/20	99
3/21 - 3/27	370
3/28 - 4/3	721
4/4 - 4/10	552
4/11 - 4/17	452
4/18 - 4/24	730
4/25 - 5/1	899
5/2 - 5/8	934
5/9 - 5/15	886
5/16 - 5/22	897
5/23 - 5/29	826
5/30 - 6/5	960
6/6 - 6/12	969
6/13 - 6/19	1,170
6/20 - 6/26	2,353
6/27 - 7/3	3,327
7/4 - 7/10	3,207
7/11	558
7/12	419
7/13	539
7/14	559
7/15	409
7/16	634
7/17	625
7/18	568

WEEKLY   **DAILY**

Data are preliminary and subject to change; prior weeks by week reported (green bars); most current week by date reported (blue bars)
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

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=23,682

Illnesses that began during this time may not yet be reported.
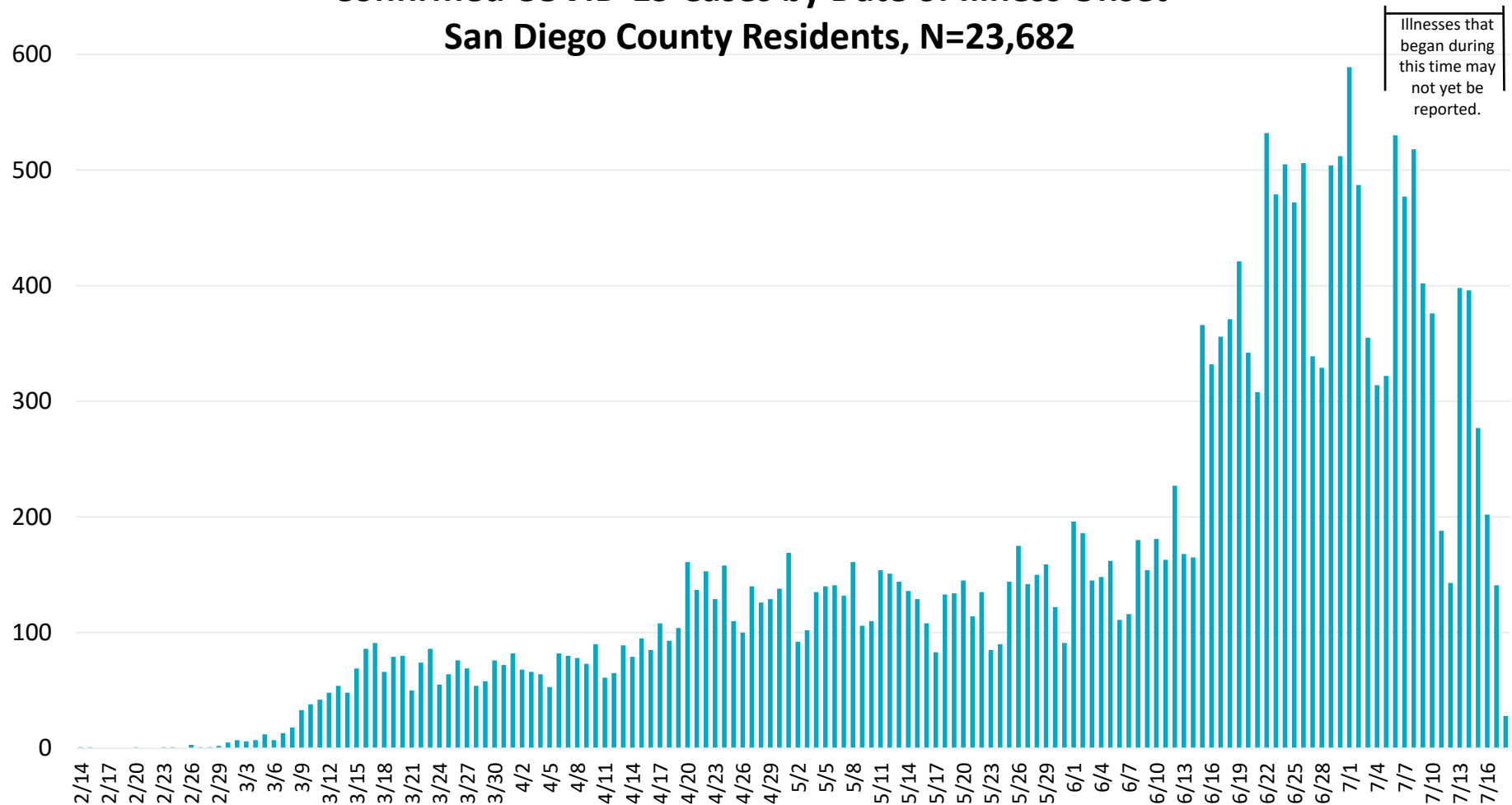
*Data are preliminary and subject to change; *if case did not have symptoms or illness onset date is unavailable, the earliest of specimen collection date, date of death, or date reported is used instead*

Prepared by County of San Diego, Emergency Operation Center, 7/19/2020

State Monitoring Metrics

	Avg # tests per day (per 100,000 population) (7-day avg with a 7-day lag)*	Case rate per 100,000 (14 days)	% Testing positivity (7-day average with a 7-day lag)*	% Change in 3-day avg COVID+ hospitalized patients	% ICU beds currently available	% Ventilators currently available
Threshold	<150	Case rate: >100 *or* >25 *and* >8% positivity		>10% Increase	<20% ICU Beds *or* <25% Ventilators Available	
Report Date: 7/19/2020	243.0*	157.2	7.4%*	0.7%	35.8%	67.7%
Report Date: 7/18/2020	230.5*	146.1	7.5%*	2.1%	32.9%	64.2%
Report Date: 7/17/2020	213.3*	154.3	7.5%*	2.2%	31.6%	64.0%
Report Date: 7/16/2020	214.5*	153.2	7.4%*	-0.6%	32.3%	63.0%
Report Date: 7/15/2020	215.0*	147.2	7.2%*	-2.8%	32.4%	62.3%
Report Date: 7/14/2020	216.1*	145.3	7.1%*	-5.3%	33.4%	62.6%
Report Date: 7/13/2020	217.3*	137.0	6.9%*	-2.6%	34.0%	65.2%

*Data are preliminary and subject to change; data from California Department of Public Health except test data;*test metrics calculated using San Diego County data*
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

COVID-19 Confirmed Hospitalizations by Date Reported

LIVE WELL SAN DIEGO

COVID-19 Confirmed Hospitalizations Among San Diego County Residents
New Hospitalizations by Date Reported
Total Number of Hospitalizations = 2,203

Weekly values:
- 3/23 - 3/29: 81
- 3/30 - 4/5: 151
- 4/6 - 4/12: 151
- 4/13 - 4/19: 142
- 4/20 - 4/26: 144
- 4/27 - 5/3: 136
- 5/4 - 5/10: 131
- 5/11 - 5/17: 142
- 5/18 - 5/24: 129
- 5/25 - 5/31: 87
- 6/1 - 6/7: 98
- 6/8 - 6/14: 101
- 6/15 - 6/21: 97
- 6/22 - 6/28: 127
- 6/29 - 7/5: 158
- 7/6 - 7/12: 140

WEEKLY

Daily values:
- 7/13: 21
- 7/14: 20
- 7/15: 34
- 7/16: 27
- 7/17: 26
- 7/18: 23

DAILY
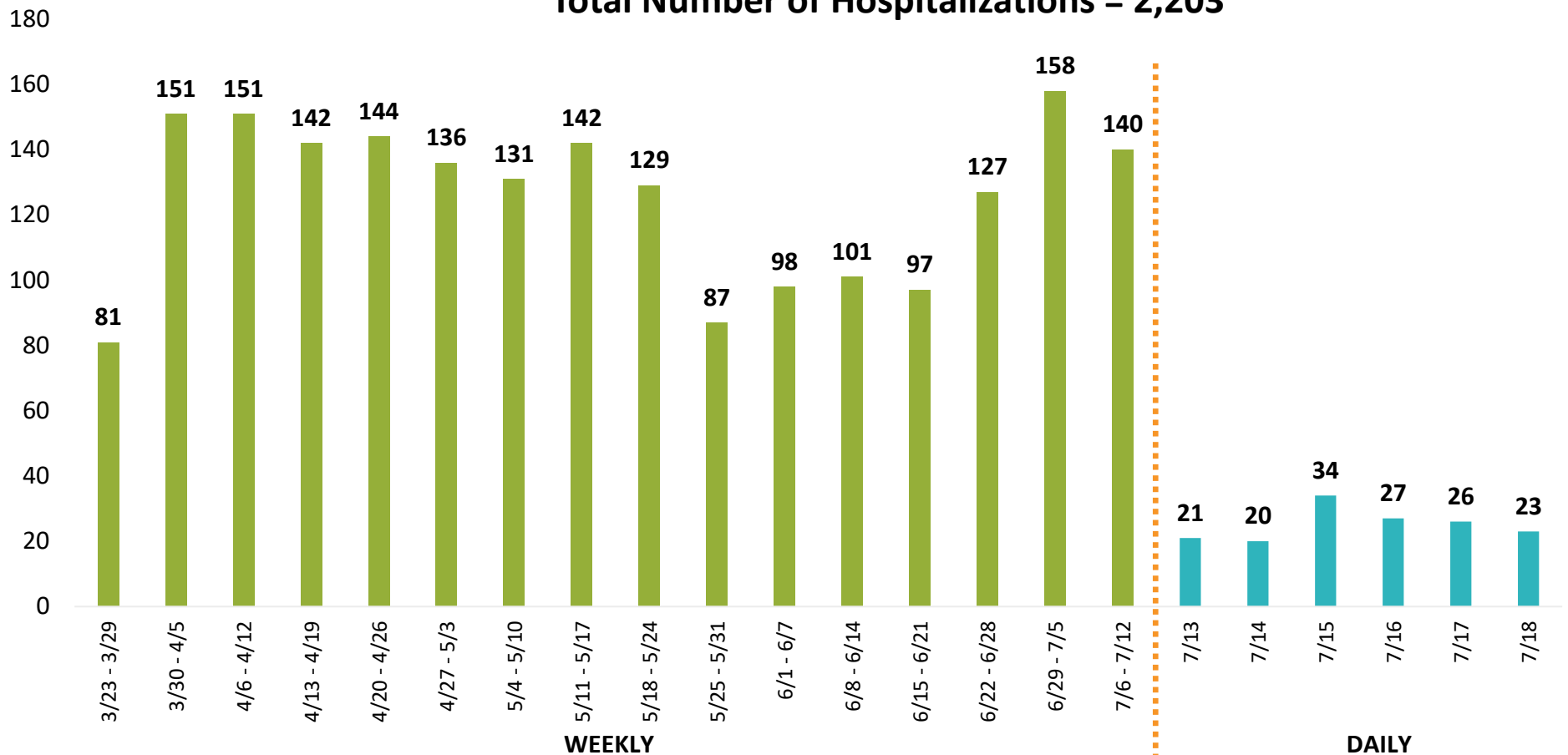
Data are preliminary and subject to change; among San Diego County residents, except data prior to 3/25/2020 includes both San Diego County residents and non-residents
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

COVID-19 Confirmed Hospital Census

LIVE WELL
SAN DIEGO

COVID-19 Confirmed Hospitalized Patients
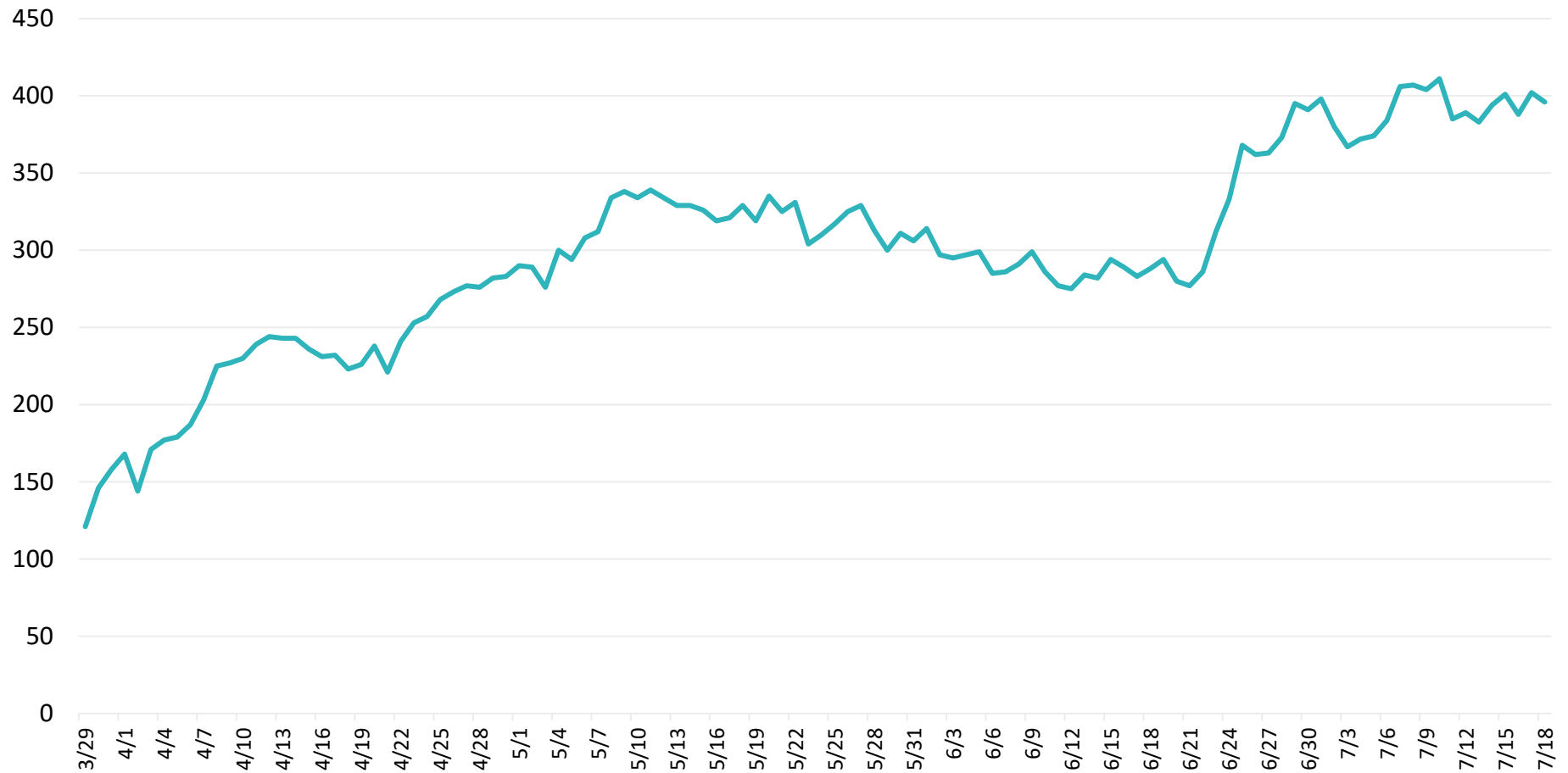
Data are preliminary and subject to change; data from State of California Health and Human Services Open Data; census for non-federal hospitals; includes both San Diego County residents and non-residents

Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

Triggers Dashboard
Date Updated: July 19, 2020

LIVE WELL SAN DIEGO

Epidemiology (Surveillance)

1. Case Rate

157.2 ❌

2. Community Outbreaks*

16 ❌

3. COVID-19 Syndromic

2% ✅

4. Influenza-Like Illness

3% ✅

Healthcare (Hospital Capacity)

5. Hospital Capacity

70% ✅

6. Increasing Hospitalizations

1% ✅

7. ICU Capacity*

31% ✅

8. Limited Ventilator Capacity

45% ✅

9. PPE Supply*

77% ✅

Public Health (Response)

10. Testing Positivity

7% ✅

11. Case Investigation

7% ❌

12. Contact Tracing

90%

13. Homeless Population

36% ✅

*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)
**A delayed batch of prior tests elevated the number of cases. Prepared by County of San Diego, Emergency Operations Center, 7/19/2020*

**COVID-19 Community Outbreaks by Date Outbreak Confirmed**

COVID-19 Community Outbreaks by Date Outbreak Confirmed
Total Number of Community Outbreaks = 107

7-day community outbreak trigger metric

WEEKLY

DAILY
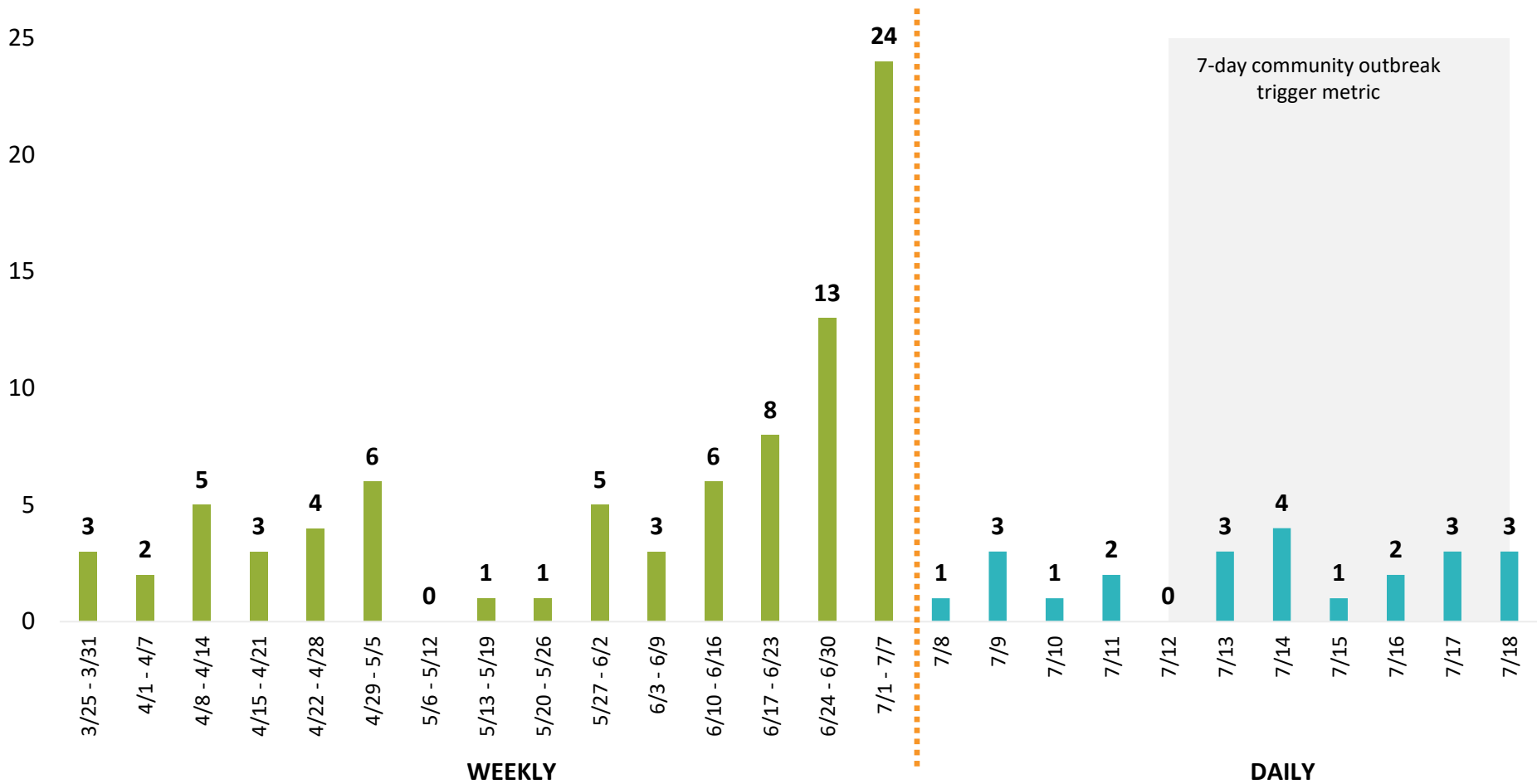
Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 7/19/2020

Positive Cases & Case Investigation Trigger

LIVE WELL SAN DIEGO
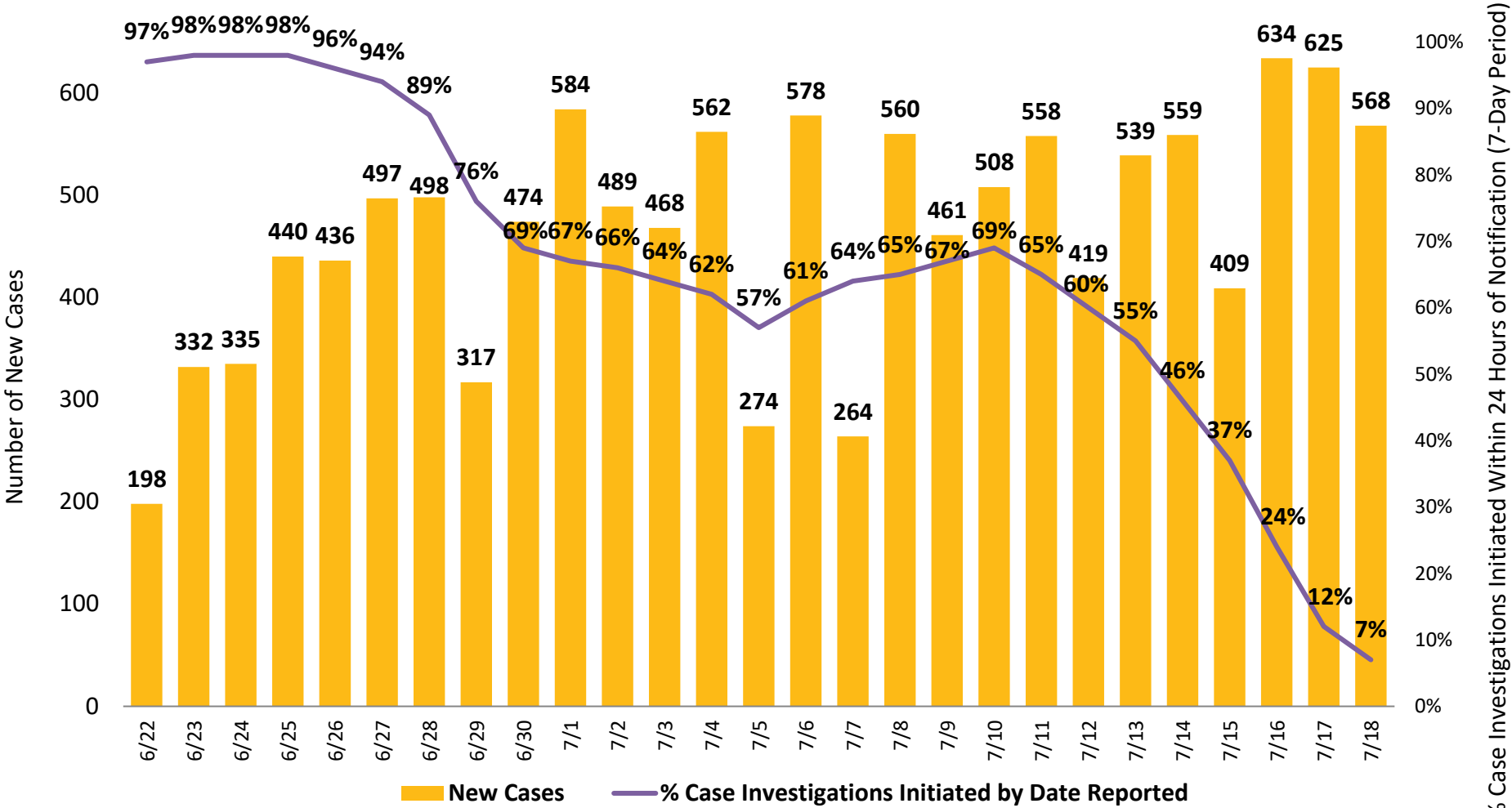
Data are preliminary and subject to change; cases among San Diego County residents
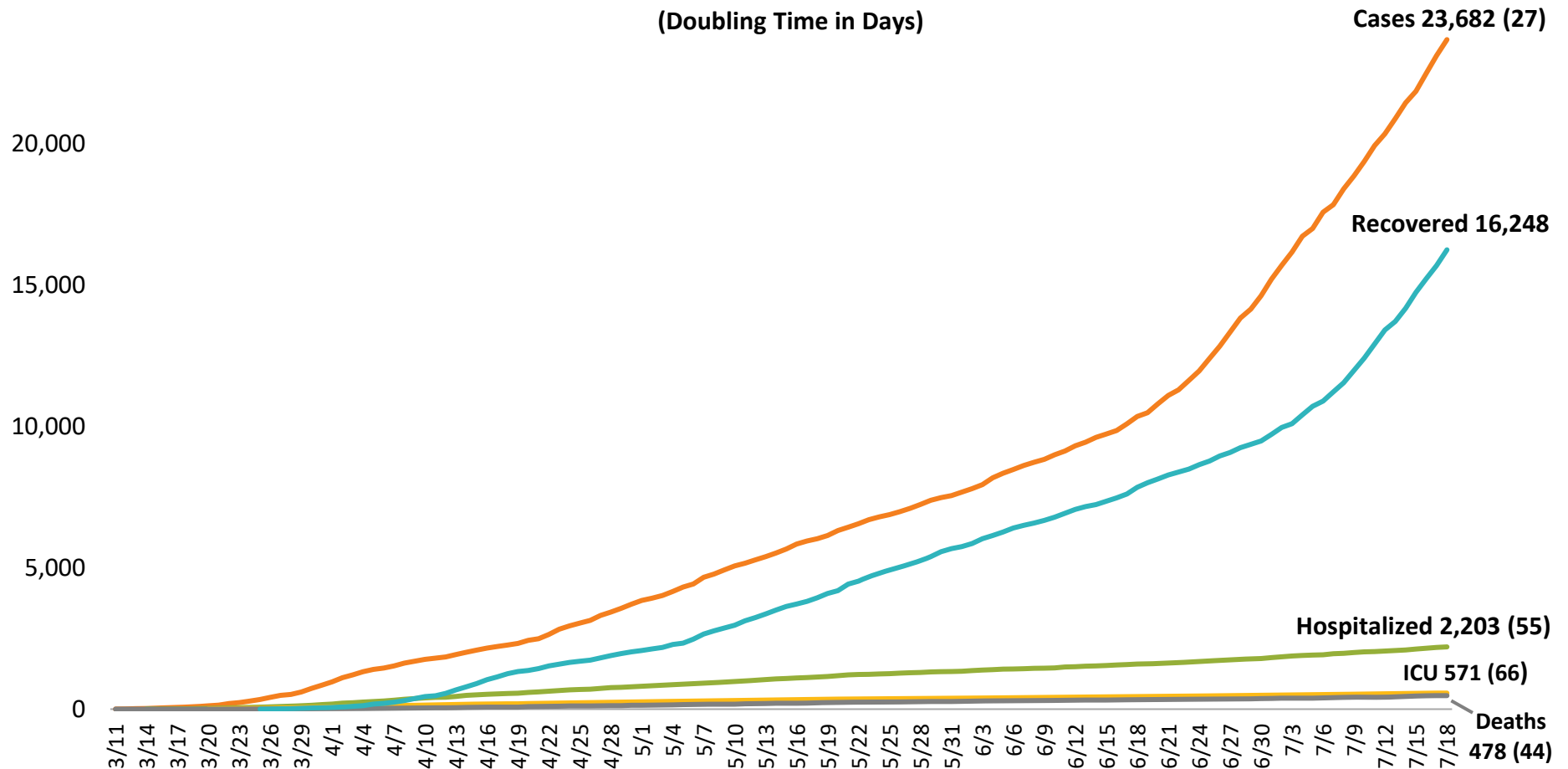*Prepared by County of San Diego, Emergency Operations Center, 7/19/2020*

COVID-19 Totals and Doubling Time

LIVE WELL SAN DIEGO

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

— Cases — Hospitalized — ICU — Deaths — Recovered

(Doubling Time in Days)

Cases 23,682 (27)

Recovered 16,248

Hospitalized 2,203 (55)

ICU 571 (66)

Deaths 478 (44)

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, 7/19/2020