COVID-19 Percentage Positive

LIVE WELL SAN DIEGO

Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 42,679

Number of Tests and New Cases

Rolling Percentage Positive (14-Day Time Period)

Date	Reported Tests (% New Cases)	New Cases
8/13	9,508 * (4%)	406
8/14	11,268 * (2%)	279
8/15	7,047 * (5%)	334
8/16	6,377 * (4%)	282
8/17	5,584 (4%)	202
8/18	6,781 * (3%)	214
8/19	9,865 (2%)	232
8/20	6,567 * (5%)	304
8/21	8,824 * (3%)	291
8/22	6,783 * (5%)	337
8/23	7,351 * (3%)	187
8/24	5,534 * (5%)	267
8/25	8,327 * (3%)	228
8/26	5,235 (5%)	277
8/27	8,821 * (3%)	285
8/28	6,796 (4%)	263
8/29	5,360 (5%)	253
8/30	5,731 * (5%)	304
8/31	6,986 (4%)	267
9/1	7,606 * (3%)	250
9/2	9,031 * (4%)	325
9/3	7,554 (6%)	453
9/4	7,445 (6%)	443
9/5	4,271 (7%)	308
9/6	6,788 * (3%)	216
9/7	4,727 (4%)	211
9/8	4,556 * (5%)	247
9/9	8,311 (3%)	284
9/10	9,208 (4%)	361
9/11	8,531 * (5%)	445
9/12	8,281 (3%)	265

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 = 923,935 ; 9/12/2020 rolling average = 4.4%*
Prepared by County of San Diego, Emergency Operations Center, 9/13/2020

COVID-19 Hospital Census

COVID-19 Hospital Daily Census in San Diego County
Includes Cases and Suspect COVID-19 Patients
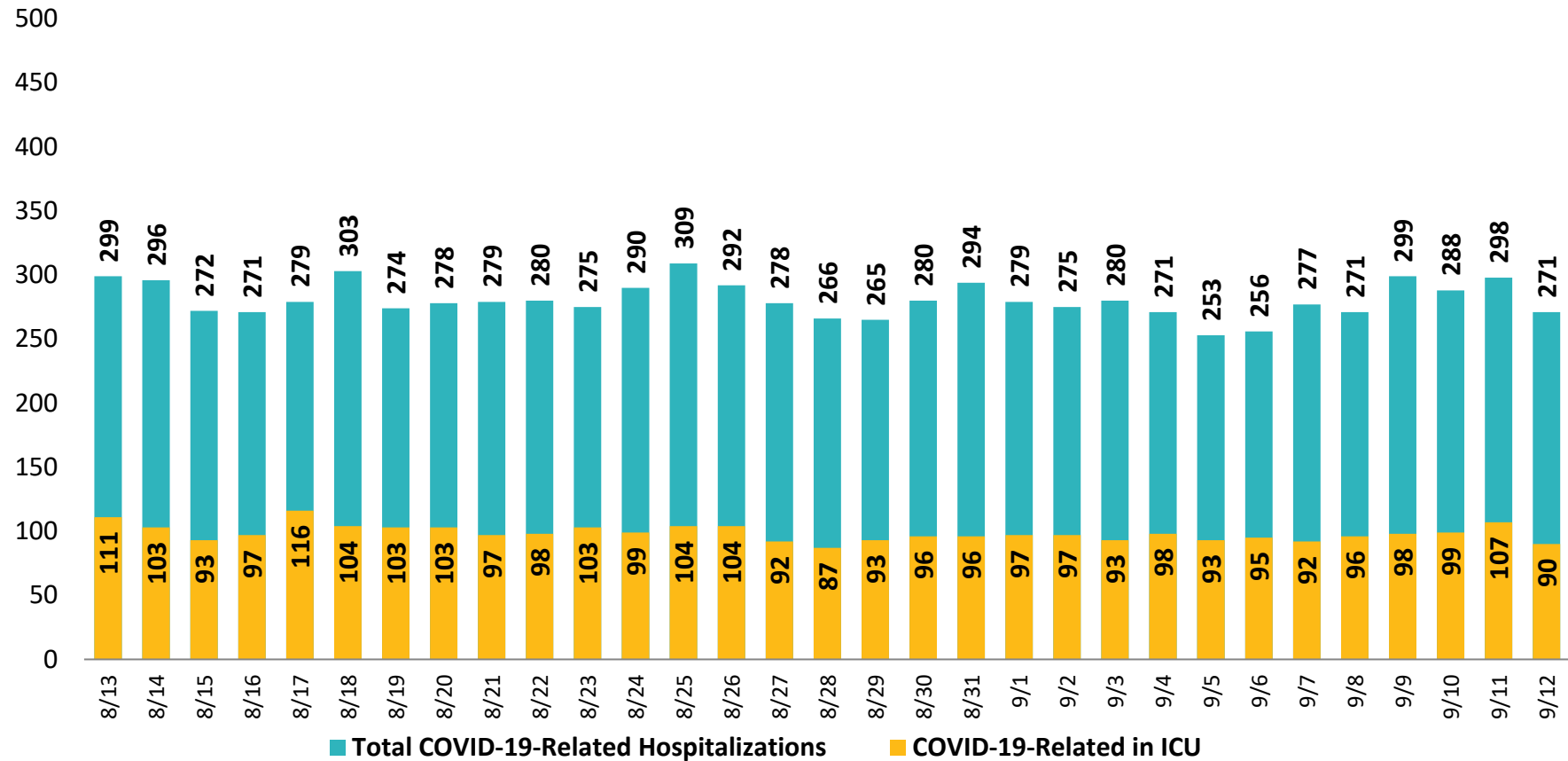
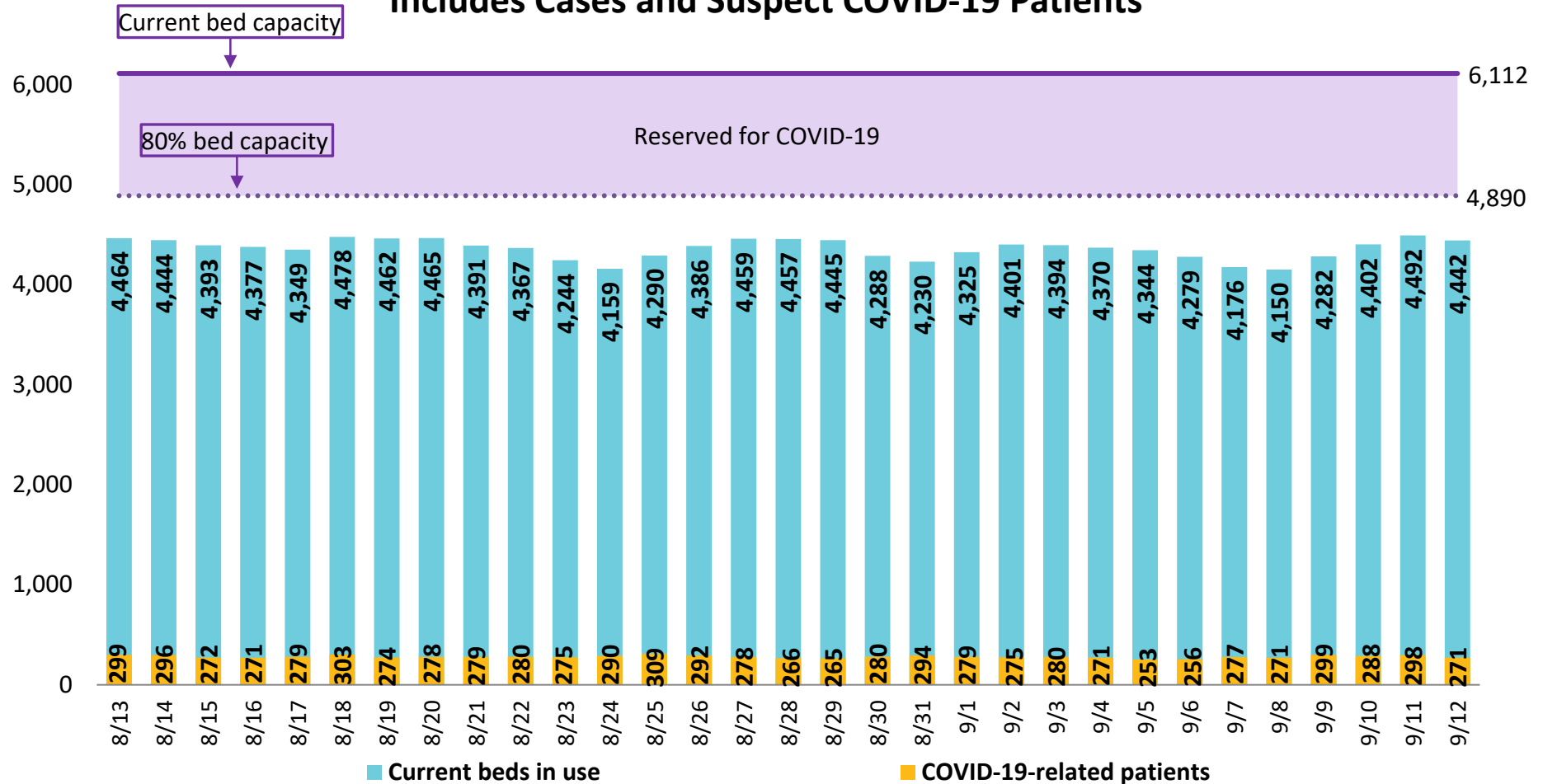**Total COVID-19-Related Hospitalizations**   **COVID-19-Related in ICU**

Data are preliminary and subject to change; data from 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, 9/13/2020

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

6,112

4,890

Date	Current beds in use	COVID-19-related patients
8/13	4,464	299
8/14	4,444	296
8/15	4,393	272
8/16	4,377	271
8/17	4,349	279
8/18	4,478	303
8/19	4,462	274
8/20	4,465	278
8/21	4,391	279
8/22	4,367	280
8/23	4,244	275
8/24	4,159	290
8/25	4,290	309
8/26	4,386	292
8/27	4,459	278
8/28	4,457	266
8/29	4,445	265
8/30	4,288	280
8/31	4,230	294
9/1	4,325	279
9/2	4,401	275
9/3	4,394	280
9/4	4,370	271
9/5	4,344	253
9/6	4,279	256
9/7	4,176	277
9/8	4,150	271
9/9	4,282	299
9/10	4,402	288
9/11	4,492	298
9/12	4,442	271

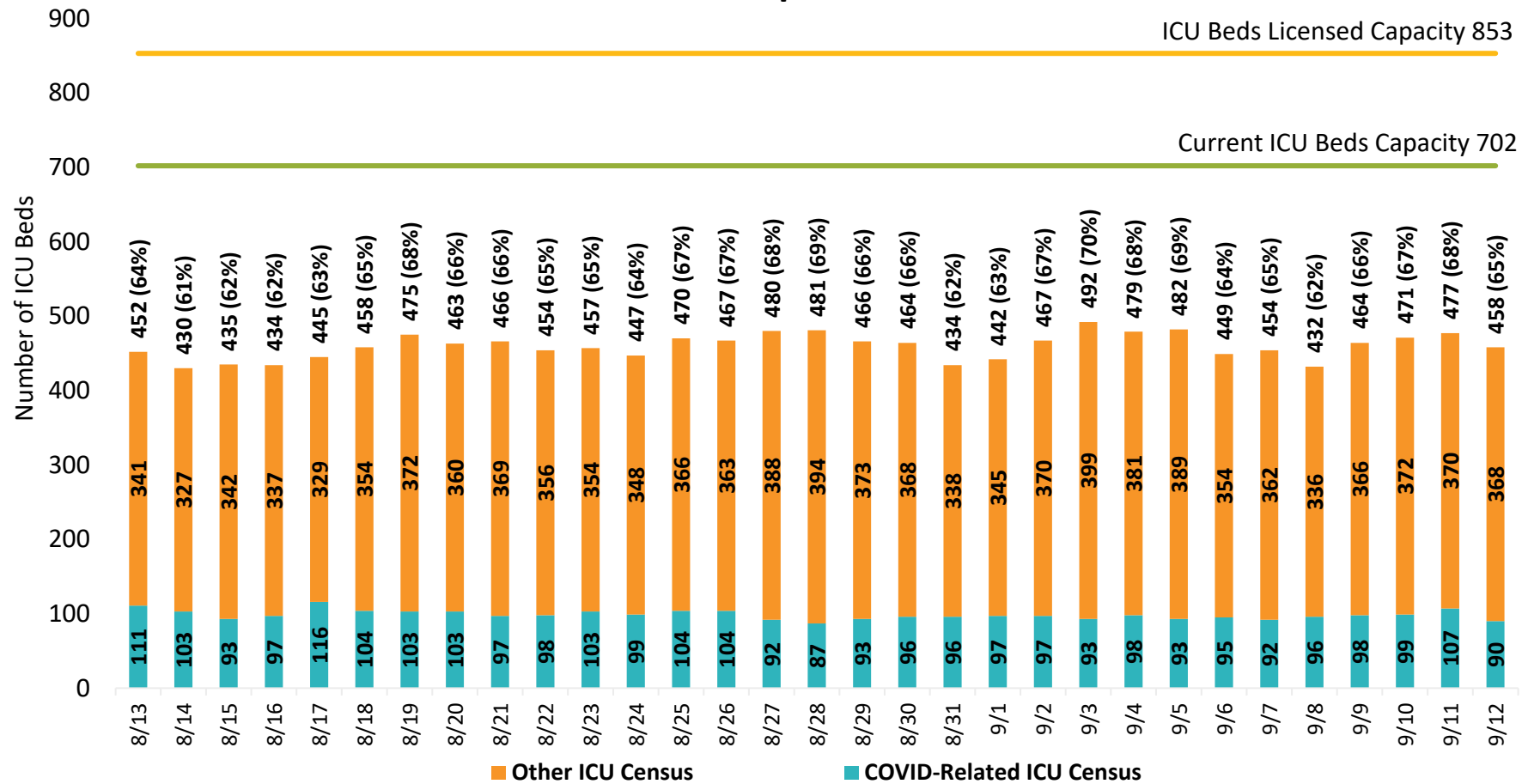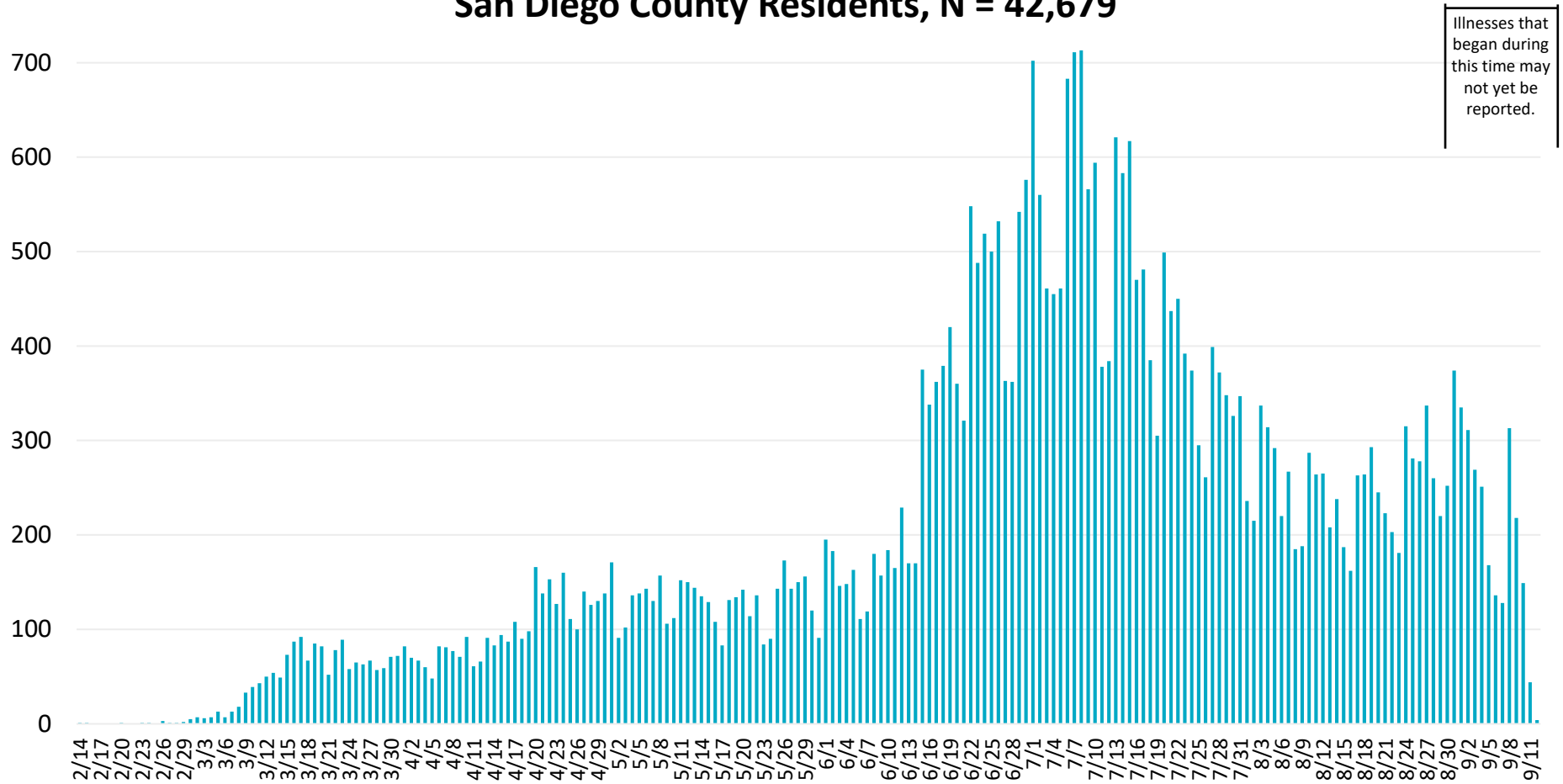**Current beds in use**   **COVID-19-related patients**

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, 9/13/2020

ICU Bed Occupancy and Capacity

LIVE WELL SAN DIEGO

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 702

Number of ICU Beds

Date	Other ICU Census	COVID-Related ICU Census	Total (%)
8/13	341	111	452 (64%)
8/14	327	103	430 (61%)
8/15	342	93	435 (62%)
8/16	337	97	434 (62%)
8/17	329	116	445 (63%)
8/18	354	104	458 (65%)
8/19	372	103	475 (68%)
8/20	360	103	463 (66%)
8/21	369	97	466 (66%)
8/22	356	98	454 (65%)
8/23	354	103	457 (65%)
8/24	348	99	447 (64%)
8/25	366	104	470 (67%)
8/26	363	104	467 (67%)
8/27	388	92	480 (68%)
8/28	394	87	481 (69%)
8/29	373	93	466 (66%)
8/30	368	96	464 (66%)
8/31	338	96	434 (62%)
9/1	345	97	442 (63%)
9/2	370	97	467 (67%)
9/3	399	93	492 (70%)
9/4	381	98	479 (68%)
9/5	389	93	482 (69%)
9/6	354	95	449 (64%)
9/7	362	92	454 (65%)
9/8	336	96	432 (62%)
9/9	366	98	464 (66%)
9/10	372	99	471 (67%)
9/11	370	107	477 (68%)
9/12	368	90	458 (65%)

Other ICU Census ◼ **COVID-Related ICU Census**

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, 9/13/2020

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

LIVE WELL SAN DIEGO

Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N = 42,679

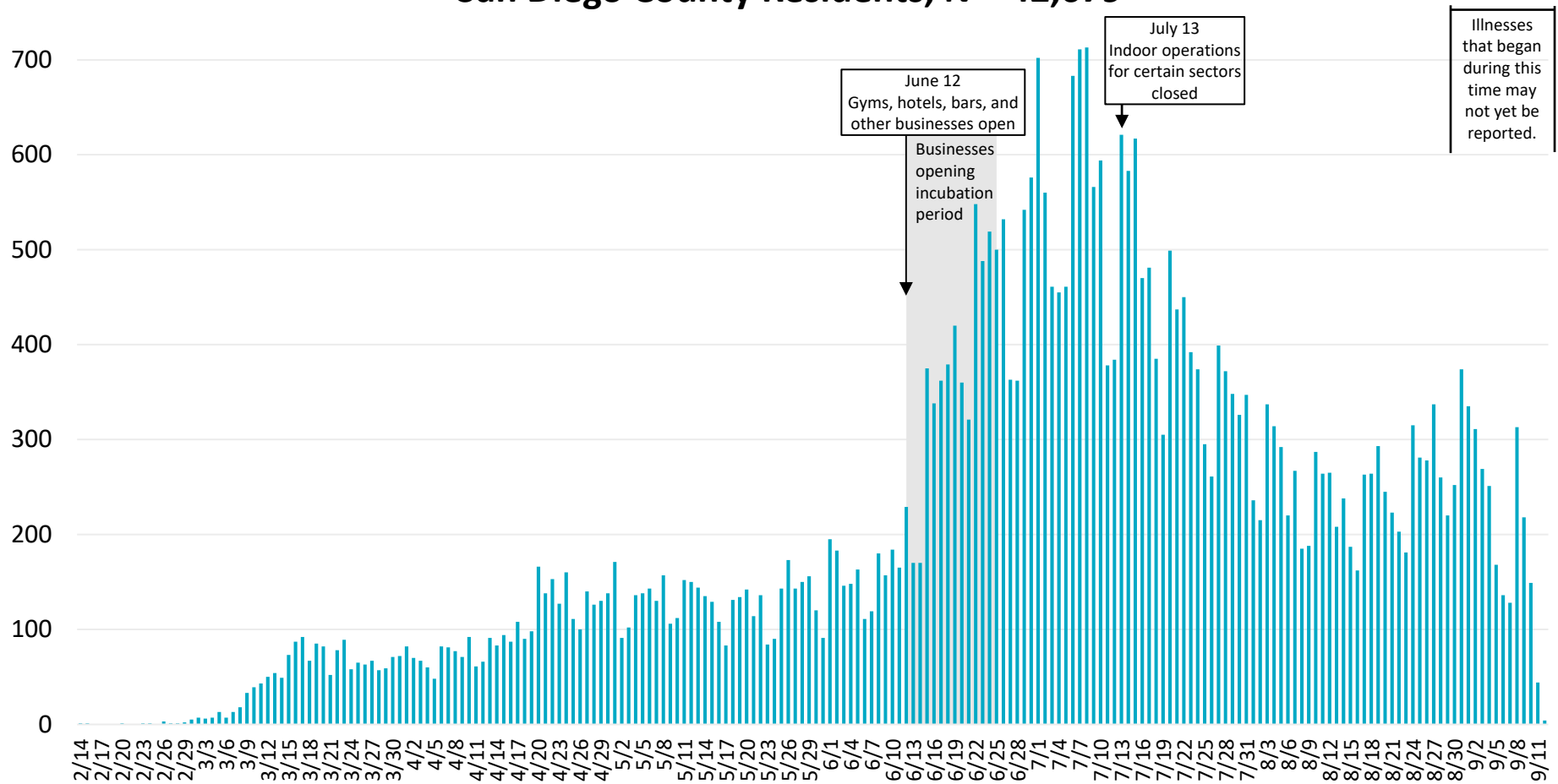Illnesses that began during this time may not yet be reported.

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, 9/13/2020

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

LIVE WELL SAN DIEGO

Confirmed COVID-19 Cases by Date of Illness Onset*
San Diego County Residents, N = 42,679

June 12
Gyms, hotels, bars, and other businesses open

Businesses opening incubation period

July 13
Indoor operations for certain sectors closed

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, 9/13/2020

Triggers Dashboard
Date Updated: September 13, 2020

LIVE WELL SAN DIEGO

Epidemiology (Surveillance)

1. Unadjusted Case Rate (Tier 2: 4.0-7.0)†

6.9 ✅

2. Community Outbreaks* (7+)

16 ❌

3. COVID-19 Syndromic (upward)

1% ✅

4. Influenza-Like Illness (upward)

2% ✅

Healthcare (Hospital Capacity)

5. Hospital Capacity (80%+)

73% ✅

6. Increasing Hospitalizations (>10%)†

2% ✅

7. ICU Capacity* (<20%)

35% ✅

8. Limited Ventilator Capacity (<25%)

53% ✅

9. PPE Supply* (≤50%)

82% ✅

Public Health (Response)

10. Testing Positivity (8%+)

4.5% ✅

11. Case Investigation (≤70%)

97% ✅

12. Contact Tracing (≤70%)

94% ✅

13. Homeless Population (<15%)

38% ✅

* 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, 9/13/2020

State Monitoring Metrics

LIVE WELL SAN DIEGO

Currently in Tier # 2 (Red)

	Case rate per 100,000 (7-day daily average with a 7-day lag)	% Testing positivity (7-day average with a 7-day lag)*
Date Updated: 8/28/2020	5.8	3.8%*
Date Updated: 9/8/2020	6.9	4.2%*

Case Rate and Testing Positivity Percentage Thresholds

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; unadjusted 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 positivity percentage calculated using San Diego County data; data used from two days prior to date updated Prepared by County of San Diego, Emergency Operations Center, 9/13/2020*
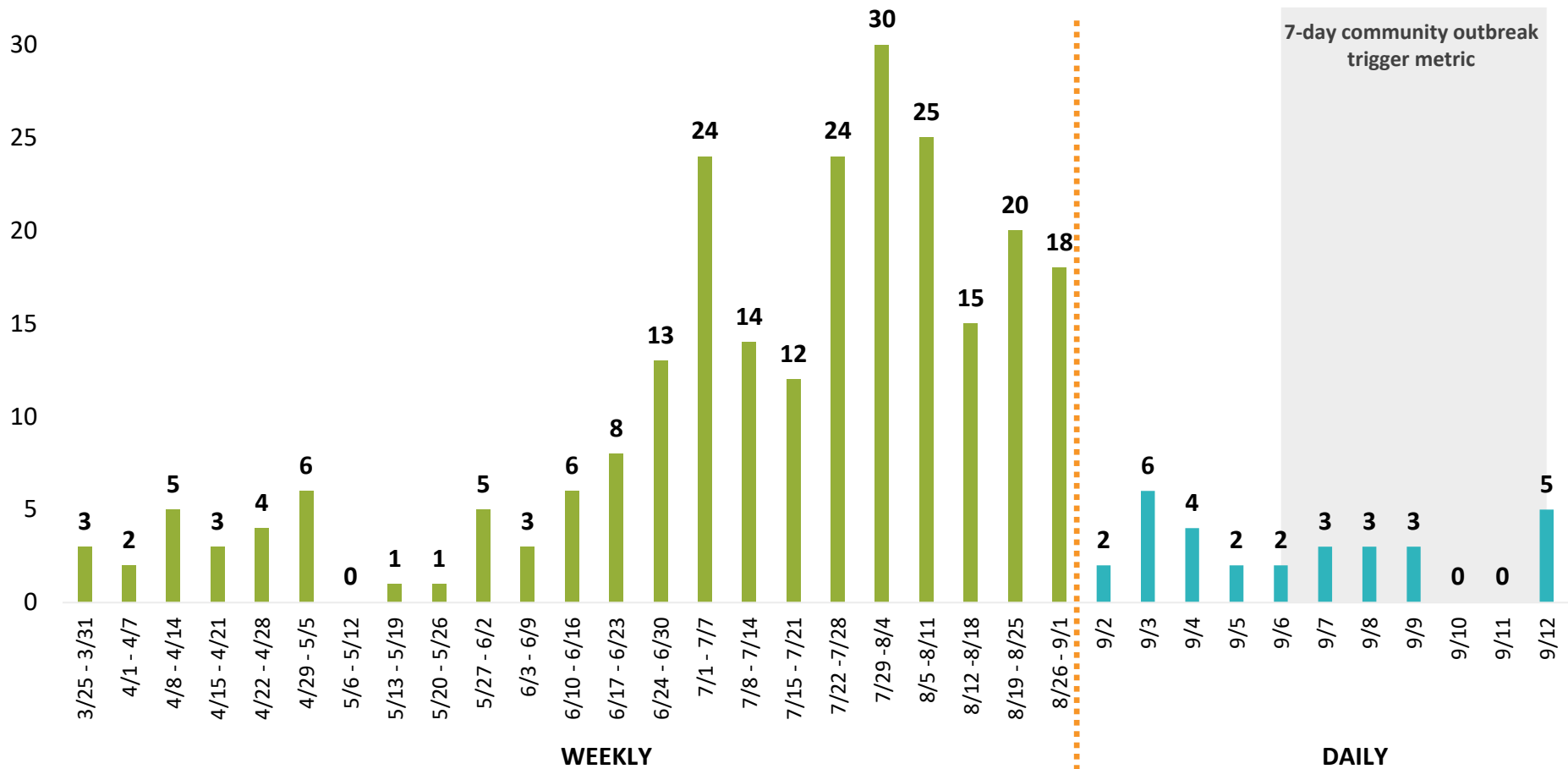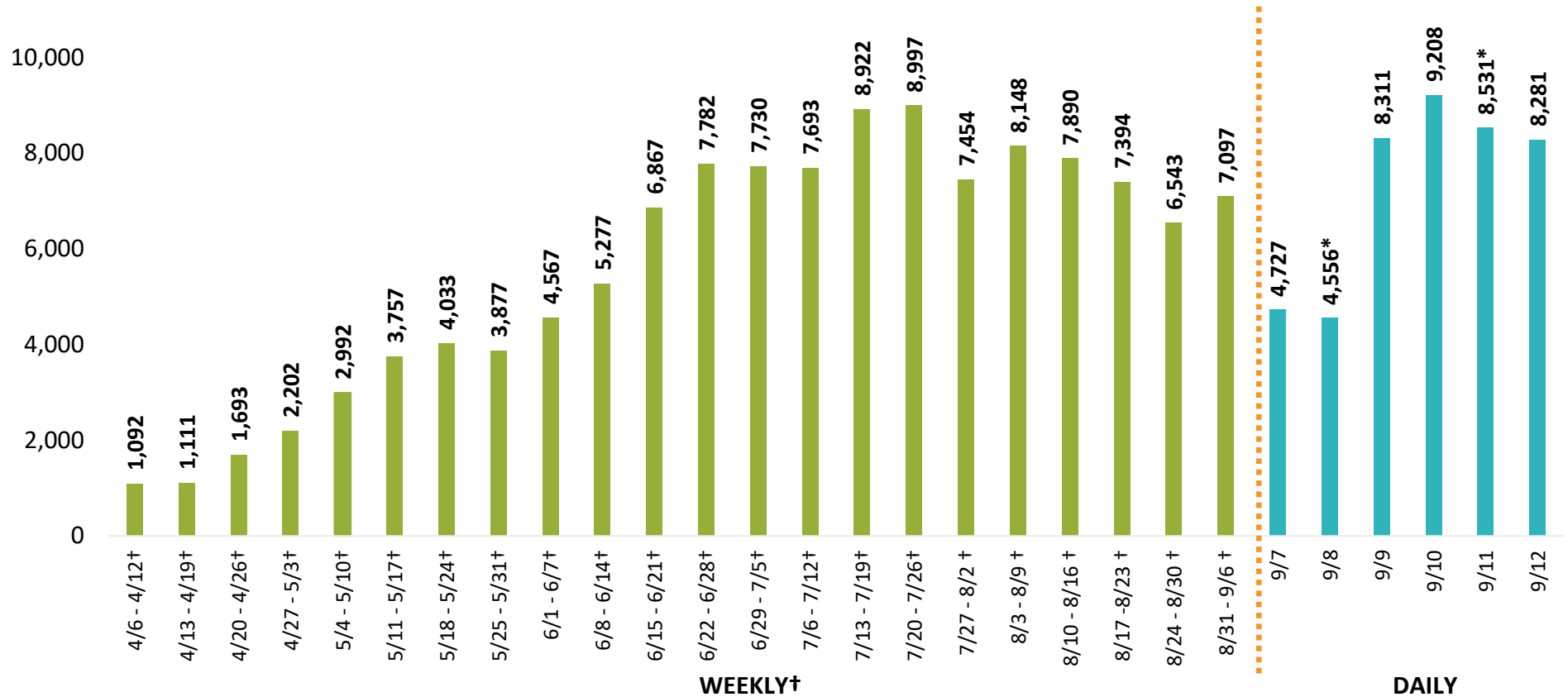
COVID-19 Tests by Date Reported

LIVE WELL SAN DIEGO

Daily Average by Week and Daily Number of COVID-19 Tests in San Diego County by Date Reported
Total Number of Reported Tests = 923,935

WEEKLY†

DAILY

Weekly daily averages:
- 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 - 7/19†: 8,922
- 7/20 - 7/26†: 8,997
- 7/27 - 8/2†: 7,454
- 8/3 - 8/9†: 8,148
- 8/10 - 8/16†: 7,890
- 8/17 - 8/23†: 7,394
- 8/24 - 8/30†: 6,543
- 8/31 - 9/6†: 7,097

Daily:
- 9/7: 4,727
- 9/8: 4,556*
- 9/9: 8,311
- 9/10: 9,208
- 9/11: 8,531*
- 9/12: 8,281

*Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †daily average; *received batch of prior tests*
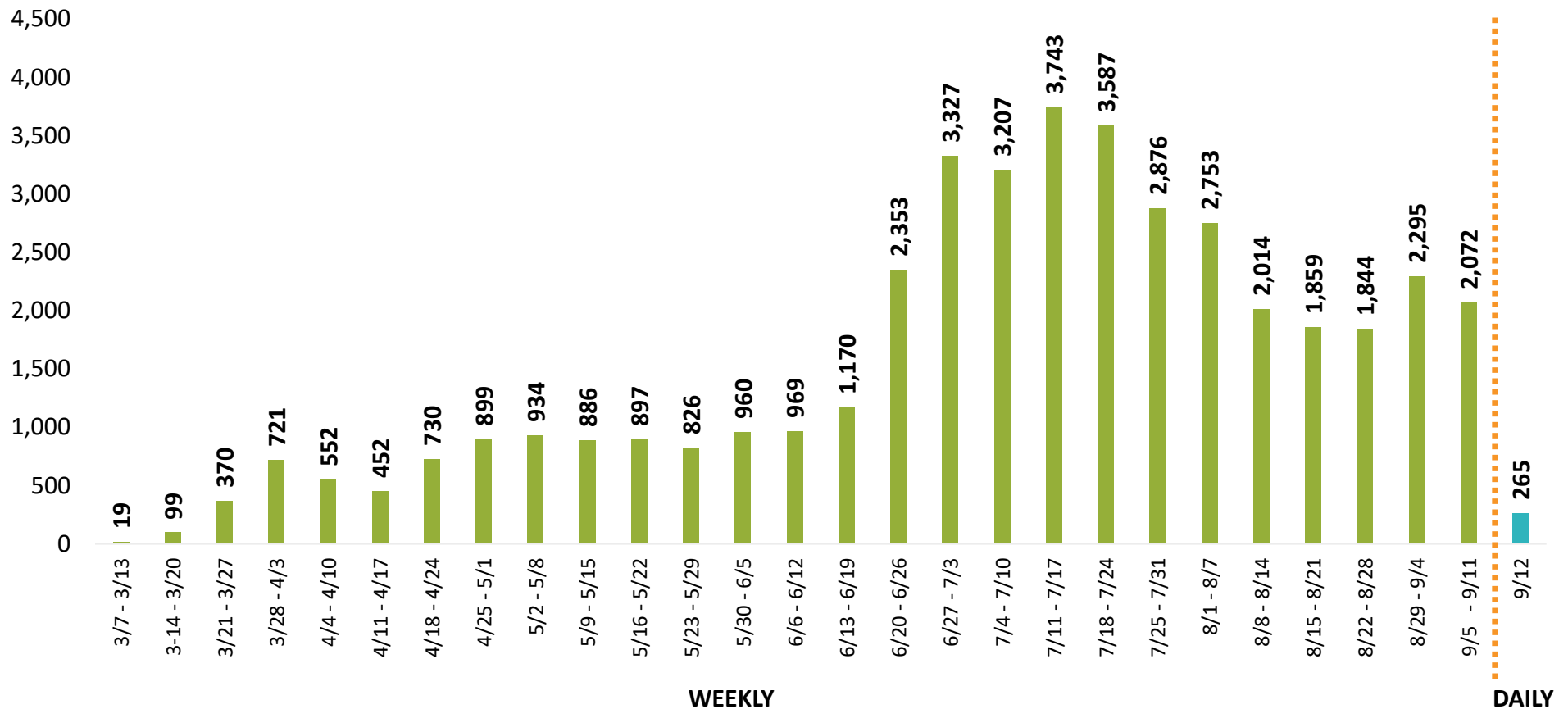
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 9/13/2020

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 = 42,679

Bar chart values (WEEKLY green bars):
- 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 - 7/17: 3,743
- 7/18 - 7/24: 3,587
- 7/25 - 7/31: 2,876
- 8/1 - 8/7: 2,753
- 8/8 - 8/14: 2,014
- 8/15 - 8/21: 1,859
- 8/22 - 8/28: 1,844
- 8/29 - 9/4: 2,295
- 9/5 - 9/11: 2,072

WEEKLY

DAILY (blue bar):
- 9/12: 265

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, 9/13/2020

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 = 3,296
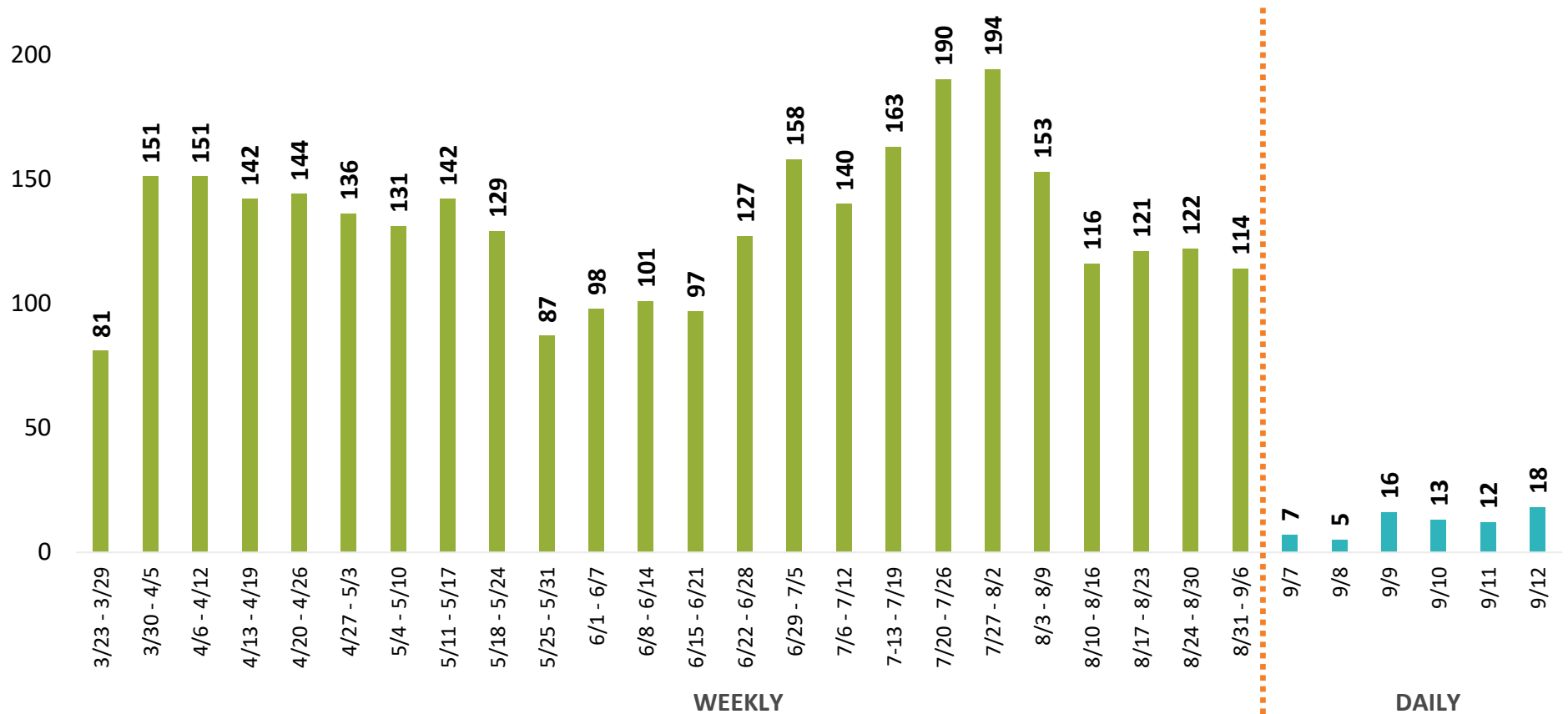
WEEKLY

DAILY

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; 7/13 – 7/19: 163; 7/20 – 7/26: 190; 7/27 – 8/2: 194; 8/3 – 8/9: 153; 8/10 – 8/16: 116; 8/17 – 8/23: 121; 8/24 – 8/30: 122; 8/31 – 9/6: 114

Daily values: 9/7: 7; 9/8: 5; 9/9: 16; 9/10: 13; 9/11: 12; 9/12: 18

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, 9/13/2020

COVID-19 Confirmed Hospital Census
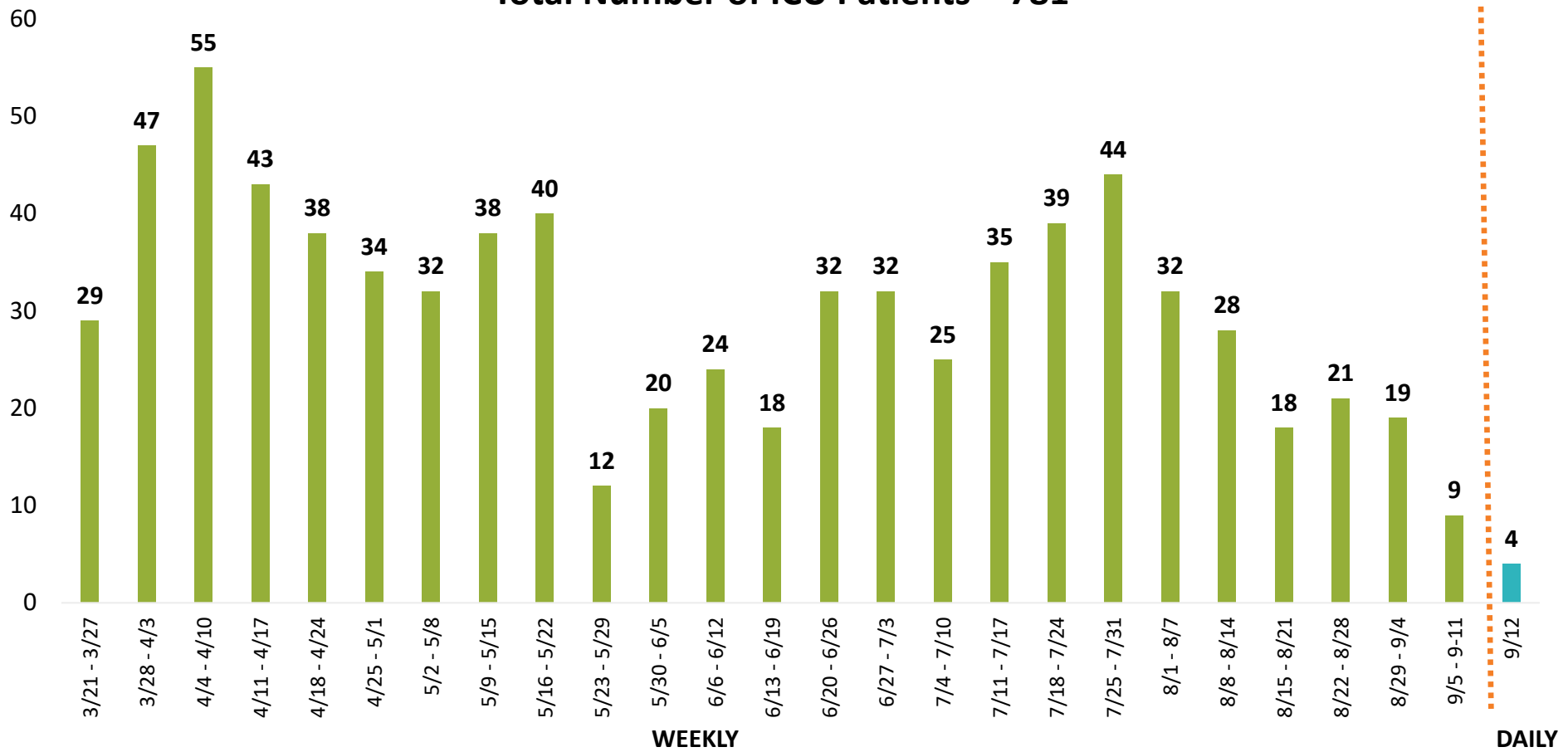

COVID-19 Confirmed Hospitalized Patients
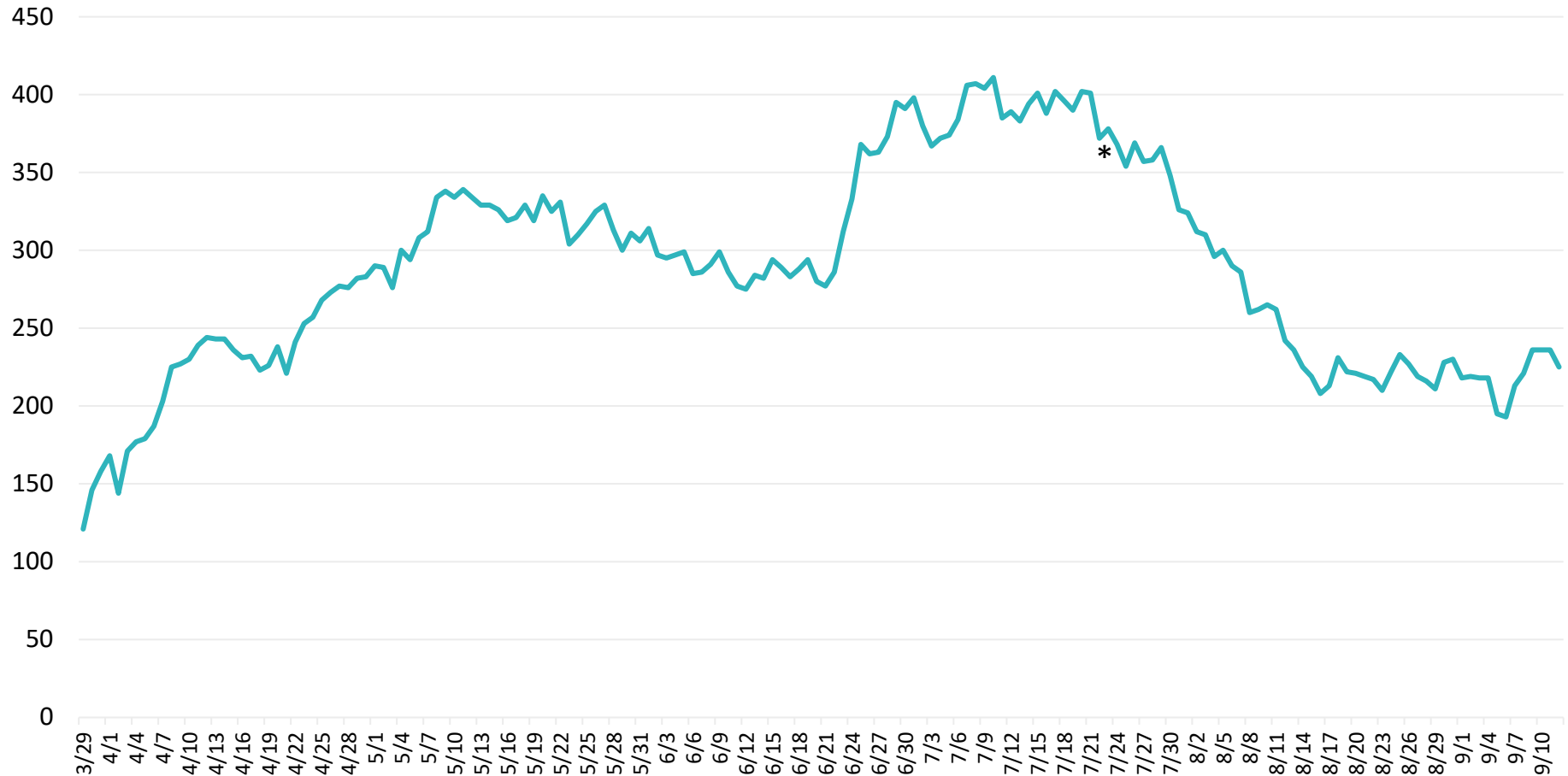
Data are preliminary and subject to change; data through 7/30 from State of California Health and Human Services Open Data; data starting 7/31 from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents
*7/22-7/24, 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, 9/13/2020

COVID-19 Confirmed ICU Patients by Date Reported

LIVE WELL SAN DIEGO

COVID-19 Confirmed ICU Patients Among San Diego County Residents
New ICU Patients by Date Reported
Total Number of ICU Patients = 781

| Date Range	New ICU Patients
3/21 - 3/27	29
3/28 - 4/3	47
4/4 - 4/10	55
4/11 - 4/17	43
4/18 - 4/24	38
4/25 - 5/1	34
5/2 - 5/8	32
5/9 - 5/15	38
5/16 - 5/22	40
5/23 - 5/29	12
5/30 - 6/5	20
6/6 - 6/12	24
6/13 - 6/19	18
6/20 - 6/26	32
6/27 - 7/3	32
7/4 - 7/10	25
7/11 - 7/17	35
7/18 - 7/24	39
7/25 - 7/31	44
8/1 - 8/7	32
8/8 - 8/14	28
8/15 - 8/21	18
8/22 - 8/28	21
8/29 - 9/4	19
9/5 - 9/11	9
9/12 (DAILY)	4

WEEKLY **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/; *for 9/8, six previously reported ICU patients were found to be incorrectly classified as being ICU patients*
Prepared by County of San Diego, Emergency Operations Center, 9/13/2020

COVID-19 Deaths by Report Date

COVID-19 Associated Deaths by Report Date
Among San Diego County Residents
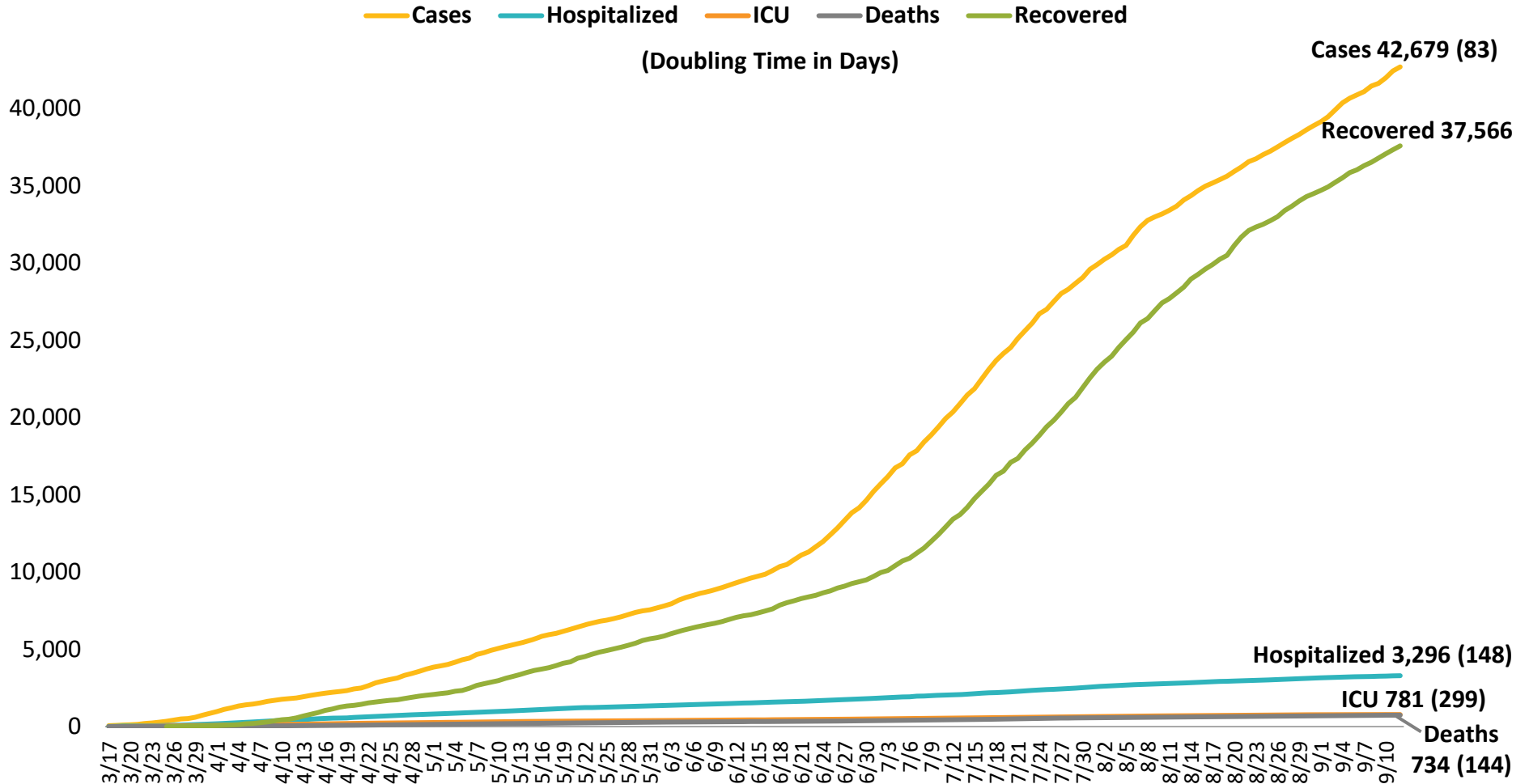## Total Number of Deaths = 734

WEEKLY

DAILY
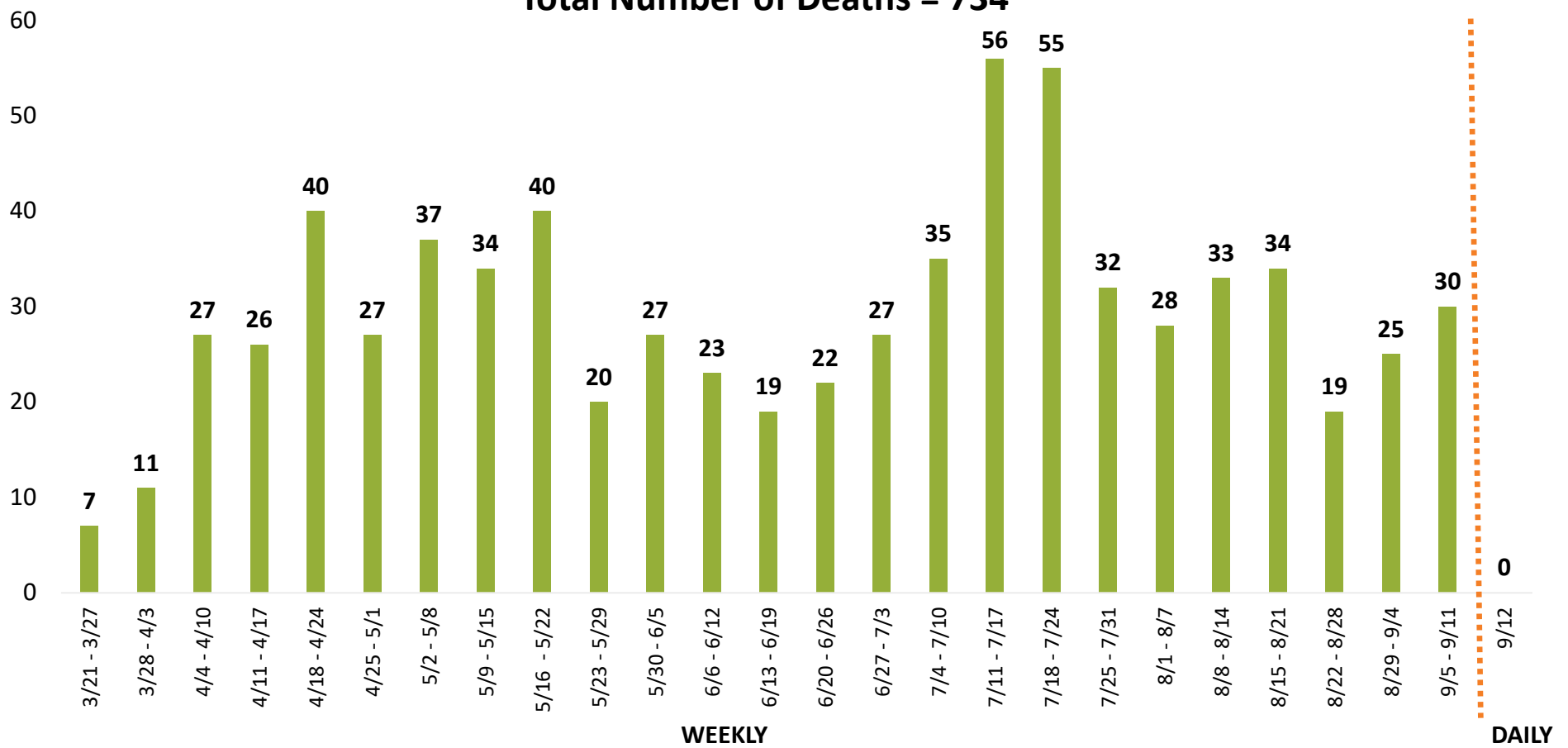
Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 9/13/2020

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 42,679 (83)

Recovered 37,566

Hospitalized 3,296 (148)

ICU 781 (299)

Deaths
734 (144)

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, 9/13/2020