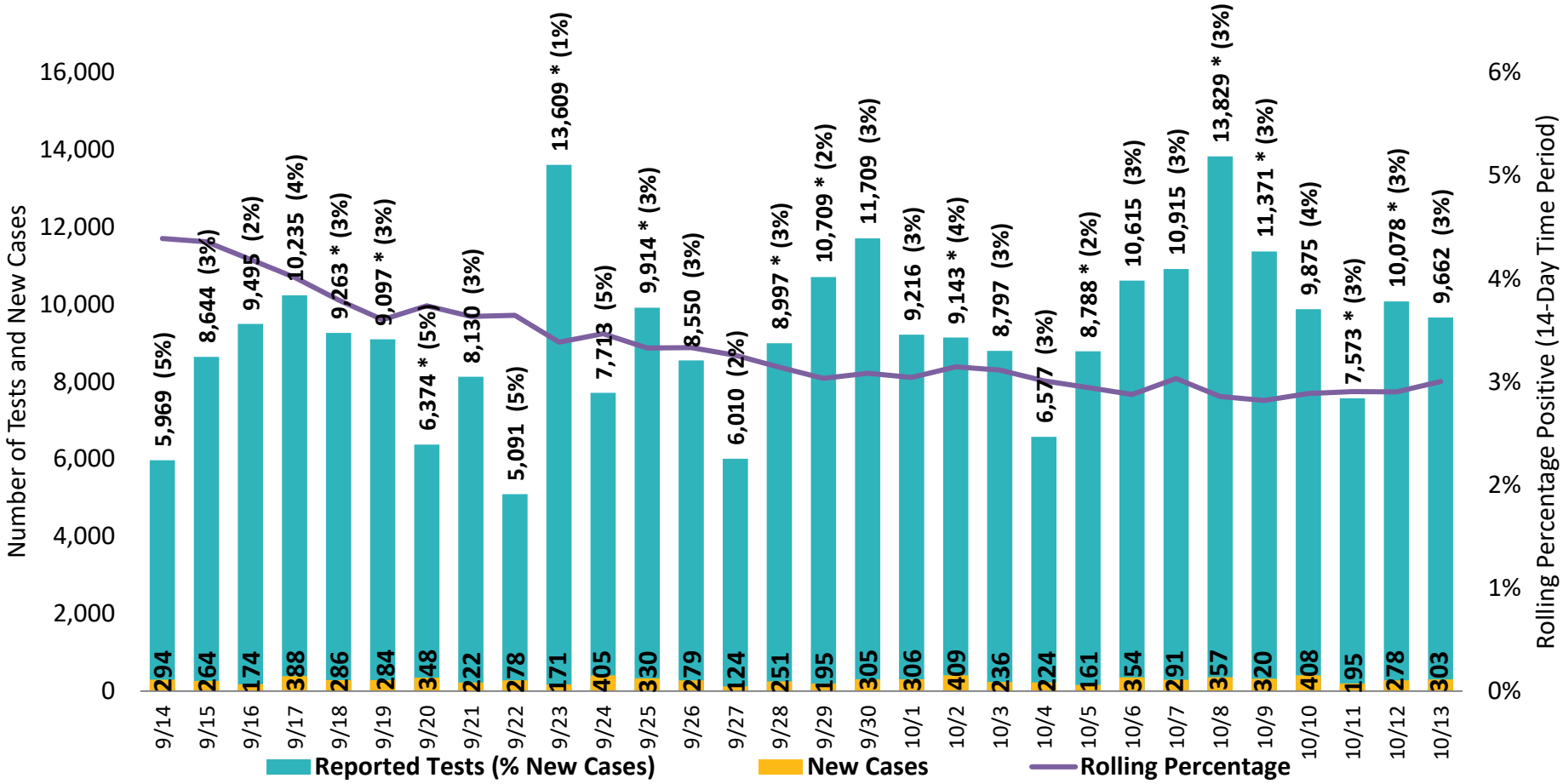
Medical Lab Processing Times

COVID-19 PCR Testing

Reporting Entity	Average Turnaround Time (10/4 - 10/10)
Hospitals	1 – 1.5 days
San Diego County Public Health Lab	1 – 2 days
County/Helix Partnership	<1 days
State Walk In/Let's Get Checked Lab	1 – 2 days
FQHC Clinic	<1 – 1.5 days
Commercial Labs (ALL)	2 – 3 days

COVID-19 Percentage Positive

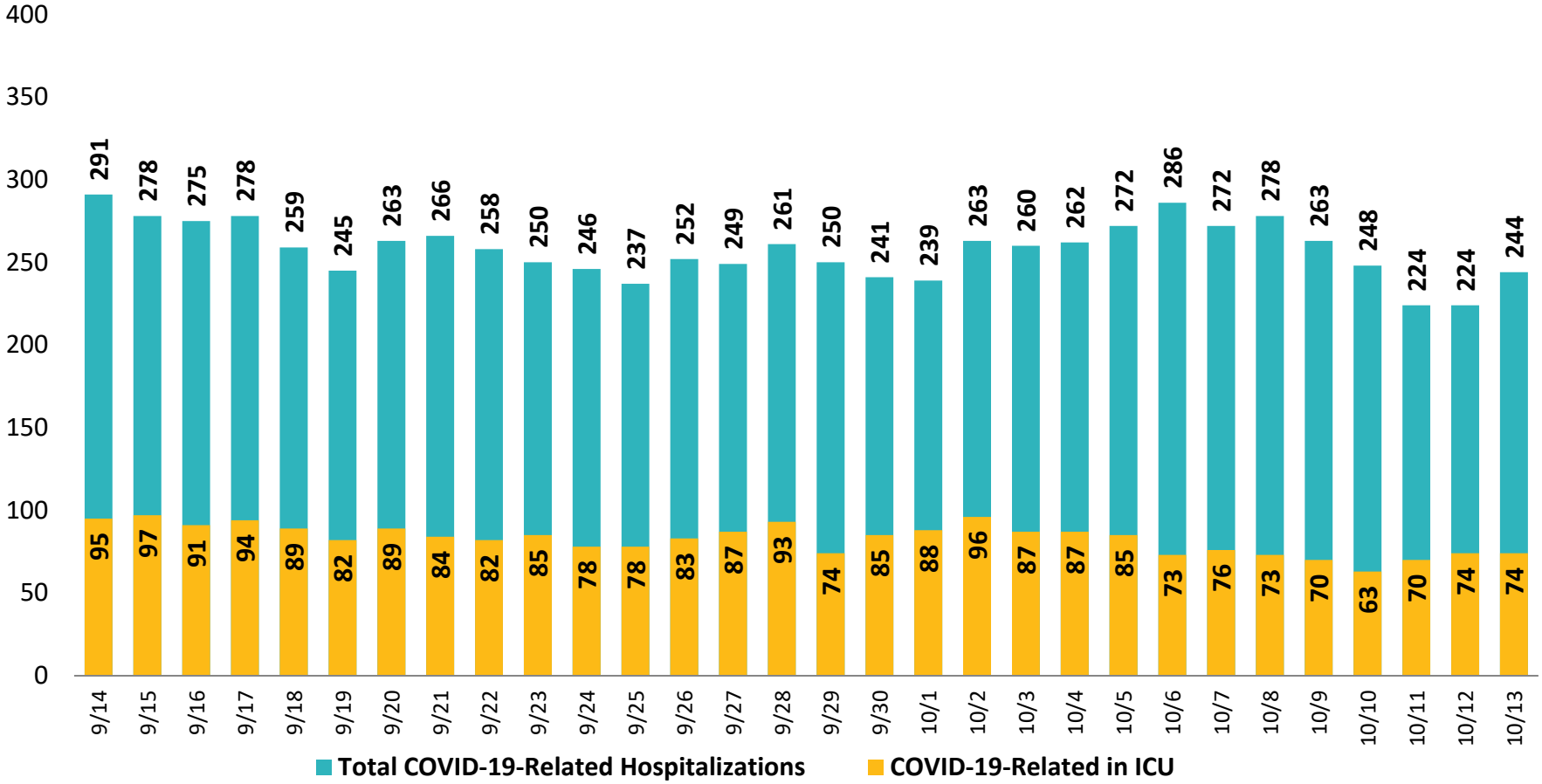
Percentage of Positive COVID-19 Cases Among Tests by Date Reported
Total Number of Cases = 51,327



*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 = 1,247,324; 10/13/2020 rolling average = 3.0%.*
Prepared by County of San Diego, Emergency Operations Center, 10/14/2020

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, 10/14/2020

COVID-19 Daily Hospital Bed Census

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

5,933

4,746

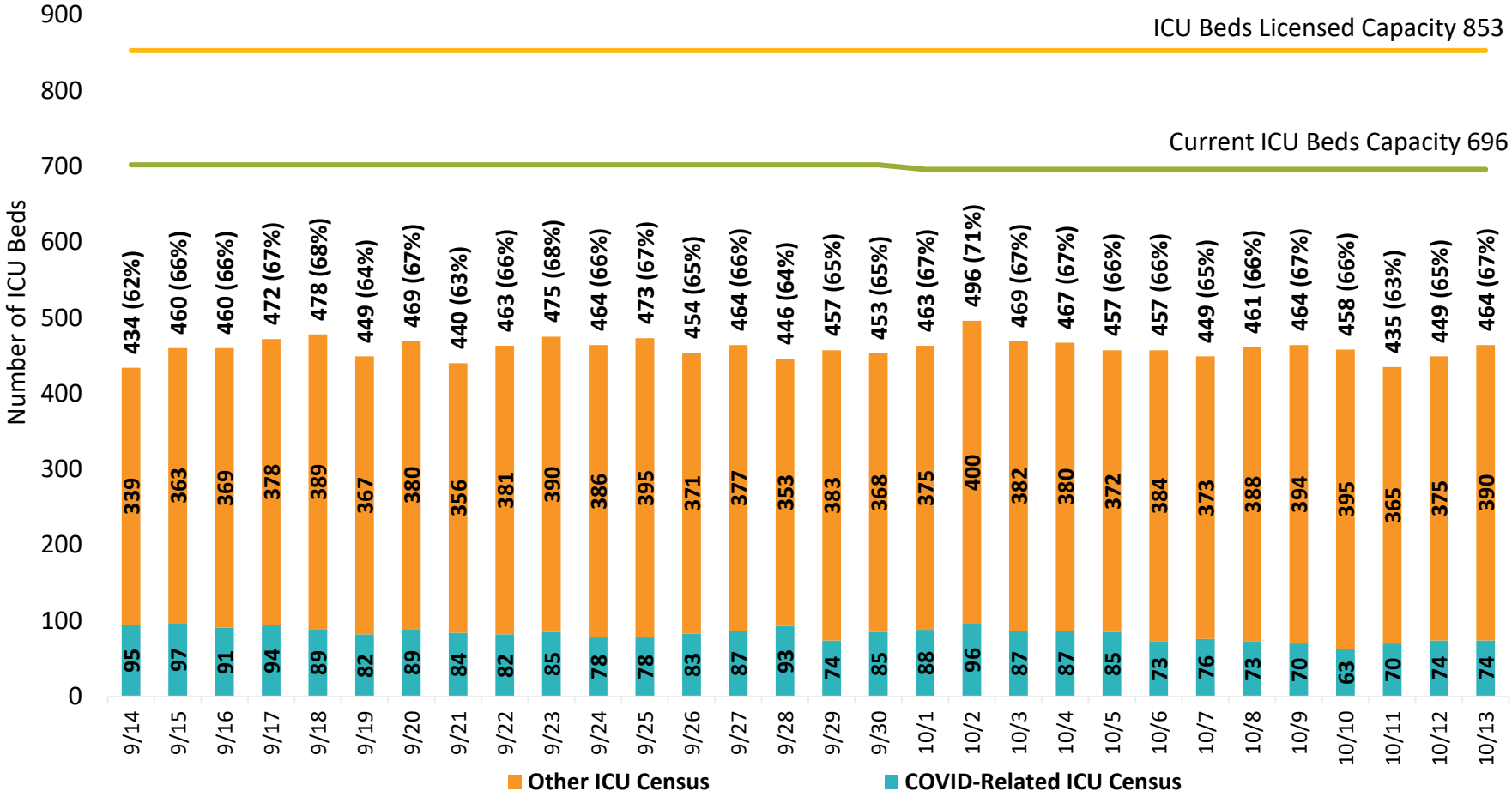
Date	Current beds in use	COVID-19-related patients
9/14	4,189	291
9/15	4,229	278
9/16	4,364	275
9/17	4,463	278
9/18	4,478	259
9/19	4,449	245
9/20	4,334	263
9/21	4,261	266
9/22	4,422	258
9/23	4,533	250
9/24	4,486	246
9/25	4,488	237
9/26	4,492	252
9/27	4,432	249
9/28	4,379	261
9/29	4,404	250
9/30	4,491	241
10/1	4,528	239
10/2	4,555	263
10/3	4,628	260
10/4	4,413	262
10/5	4,339	272
10/6	4,601	286
10/7	4,529	272
10/8	4,554	278
10/9	4,580	263
10/10	4,521	248
10/11	4,456	224
10/12	4,377	224
10/13	4,495	244

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, 10/14/2020

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, 10/14/2020

T3 Strategy: Test, Trace and Treat

LIVE WELL SAN DIEGO

TEST

Oct 7 – Oct 13

10,472

7-Day Average of Daily Tests Reported

+ 3.0%

14-Day Average Percent of New Cases

- Goal: Under 8%

1,247,324

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%

58,006

Total Case Investigations Performed

TREAT

80

7-Day Average of Individuals in Public Health Rooms

1,835

Cumulative Number of Individuals in Public Health Rooms

3,039

Total Doses of Donated Convalescent Plasma

Data as of: Tuesday, October 13, 2020
Dashboard Updated: Wednesday, October 14, 2020

* Includes 41,520 historical tests on 10/8/20 from new labs reporting COVID-19 tests; positives were previously reported and investigated.

Cumulative Case / Death Totals

10/14/2020
12:00 pm

GLOBAL	NATIONAL	STATE	LOCAL
CASE COUNT			
38,317,777	7,878,278	862,636	51,327
DEATH TOTALS			
1,088,704	216,278	16,664	844

www.coronavirus-sd.com

Text: COSD COVID19 to 468-311

San Diego Cases

10/14/2020

COVID-19 Case Summary	San Diego County Residents			
	Count	Change from Previous Day	%	Rate per 100,000
Total Positives	**51,327**	**303**	**100.0%**	**1,531.3**
Selected Characteristics				
Age Groups				
0-9 years	1,785		3.5%	411.7
10-19 years	5,120		10.0%	1,180.5
20-29 years	12,922		25.2%	2,433.9
30-39 years	9,386		18.3%	1,915.5
40-49 years	7,329		14.3%	1,836.2
50-59 years	7,002		13.7%	1,731.2
60-69 years	4,159		8.1%	1,222.1
70-79 years	2,014		3.9%	1,007.5
80+ years	1,567		3.1%	1,307.7
Age Unknown	43			
Gender				
Female	26,269		51.3%	1,580.8
Male	24,926		48.7%	1,474.8
Gender Unknown	132			
Hospitalizations*	3,710	8	7.2%	
Intensive Care**	858	1	1.7%	
Deaths	844	4	1.6%	

San Diego Hospitalizations

10/14/2020

COVID-19 Hospitalizations*	San Diego County Residents	
Total Hospitalizations	3,710	
Selected Characteristics	Count	% of Total with Known Demographics
Age Groups		
0-9 years	57	1.5%
10-19 years	57	1.5%
20-29 years	214	5.8%
30-39 years	307	8.3%
40-49 years	404	10.9%
50-59 years	689	18.6%
60-69 years	784	21.1%
70-79 years	593	16.0%
80+ years	603	16.3%
Age Unknown	2	
Gender		
Female	1,692	45.6%
Male	2,016	54.4%
Gender Unknown	2	
Race/Ethnicity		
Hispanic or Latino	2,135	61.3%
White	812	23.3%
Black or African American	196	5.6%
Asian	259	7.4%
Native Hawaiian/Pacific Islander	28	0.8%
American Indian/Alaska Native	11	0.3%
Multiple Race	40	1.1%
Race/Ethnicity Other/Unknown	229	

San Diego Deaths

10/14/2020

	San Diego County Residents	
Total Deaths	**844**	
Selected Characteristics	**Count**	**% of Deaths with Known Demographics**
Age Groups		
0-9 years	0	0.0%
10-19 years	0	0.0%
20-29 years	4	0.5%
30-39 years	5	0.6%
40-49 years	34	4.0%
50-59 years	78	9.2%
60-69 years	158	18.7%
70-79 years	189	22.4%
80+ years	376	44.5%
Age Unknown	0	
Gender		
Female	367	43.5%
Male	477	56.5%
Gender Unknown	0	
Race/Ethnicity		
Hispanic or Latino	416	49.5%
White	291	34.6%
Black or African American	36	4.3%
Asian	90	10.7%
Native Hawaiian/Pacific Islander	3	0.4%
American Indian/Alaska Native	1	0.1%
Multiple Race	3	0.4%
Race/Ethnicity Other/Unknown	4	

Triggers Dashboard
Date Updated: October 14, 2020

LIVE WELL SAN DIEGO

Epidemiology (Surveillance)

1. Adjusted Case Rate
(Tier 1: >7.0, Tier 2: 4.0-7.0)†

6.8 ✓

2. Community Outbreaks* (7+)

47 ✗

3. COVID-19 Syndromic (upward)

1% ✓

4. Influenza-Like Illness (upward)

2% ✓

Healthcare (Hospital Capacity)

5. Hospital Capacity (80%+)

76% ✓

6. Increasing Hospitalizations (>10%)†

-11.4% ✓

7. ICU Capacity* (<20%)

33% ✓

8. Limited Ventilator Capacity (<25%)

53% ✓

9. PPE Supply* (≤50%)

79% ✓

Public Health (Response)

10. Testing Positivity (8%+)

3.1% ✓

11. Case Investigation (≤70%)

96% ✓

12. Contact Tracing (≤70%)

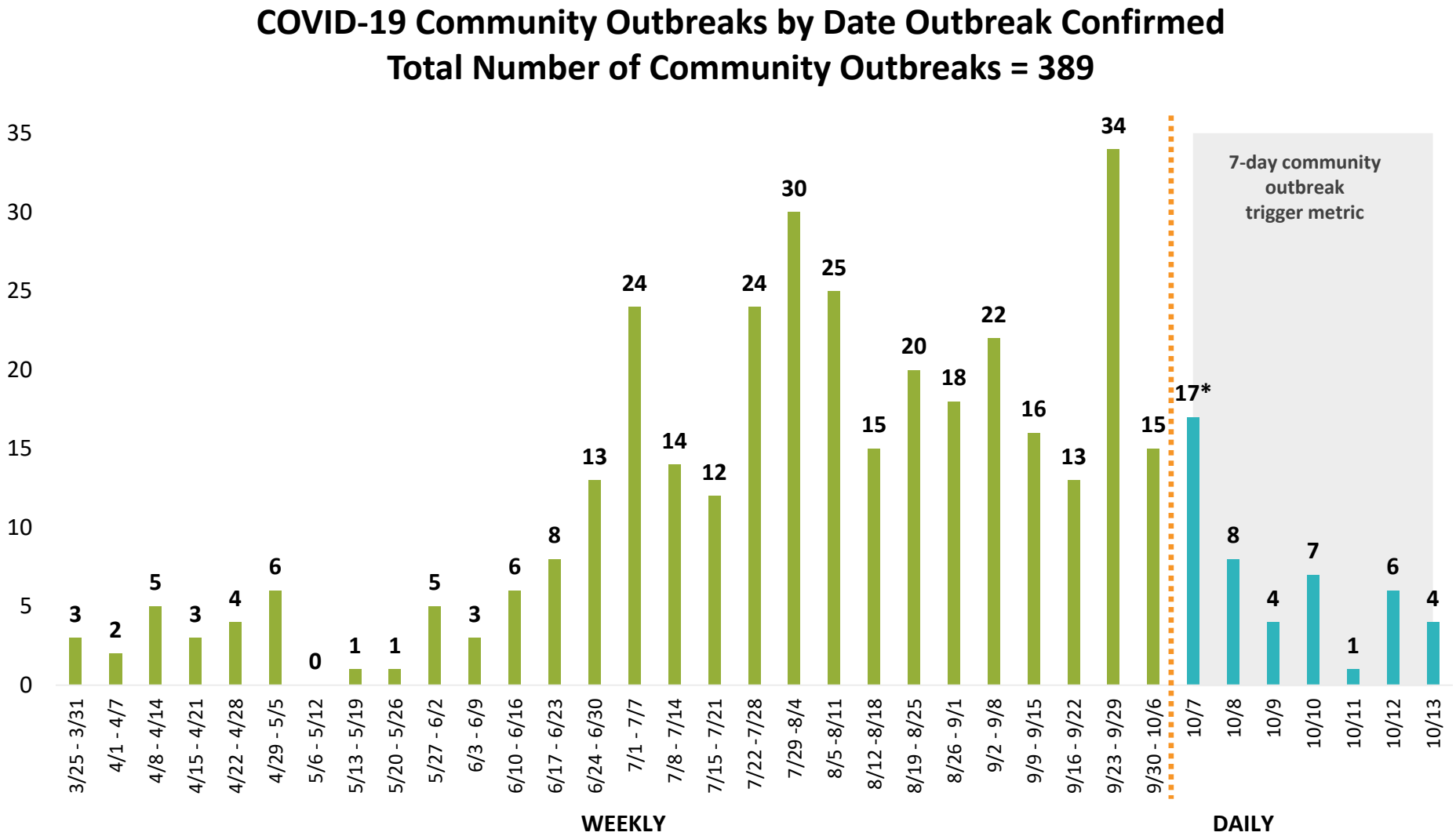
96% ✓

13. Homeless Population (<15%)

32% ✓

** 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, 10/14/2020

COVID-19 Community Outbreaks by Date Outbreak Confirmed



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, 10/14/2020

New Community Setting Outbreaks

	Location	Date Outbreak Confirmed
1	Restaurant	10/13/2020
2	Business	10/13/2020
3	Restaurant/Bar	10/13/2020
4	Business	10/13/2020

BLUEPRINT FOR A SAFER ECONOMY

LIVE WELL SAN DIEGO

COUNTY RISK LEVEL	NEW CASES	POSITIVE TESTS
WIDESPREAD Most non-essential indoor business operations are closed.	More than 7 Daily new cases (per 100k)	More than 8% Positive tests
SUBSTANTIAL Some non-essential indoor business operations are closed.	4-7 Daily new cases (per 100k)	5-8% Positive tests
MODERATE Some business operations are open with modifications.	1-3.9 Daily new cases (per 100k)	2-4.9% Positive tests
MINIMAL Most business operations are open with modifications.	Less than 1 Daily new cases (per 100k)	Less than 2% Positive tests

BLUEPRINT FOR A SAFER ECONOMY

LIVE WELL SAN DIEGO

Current Tier Assignments as of October 13, 2020

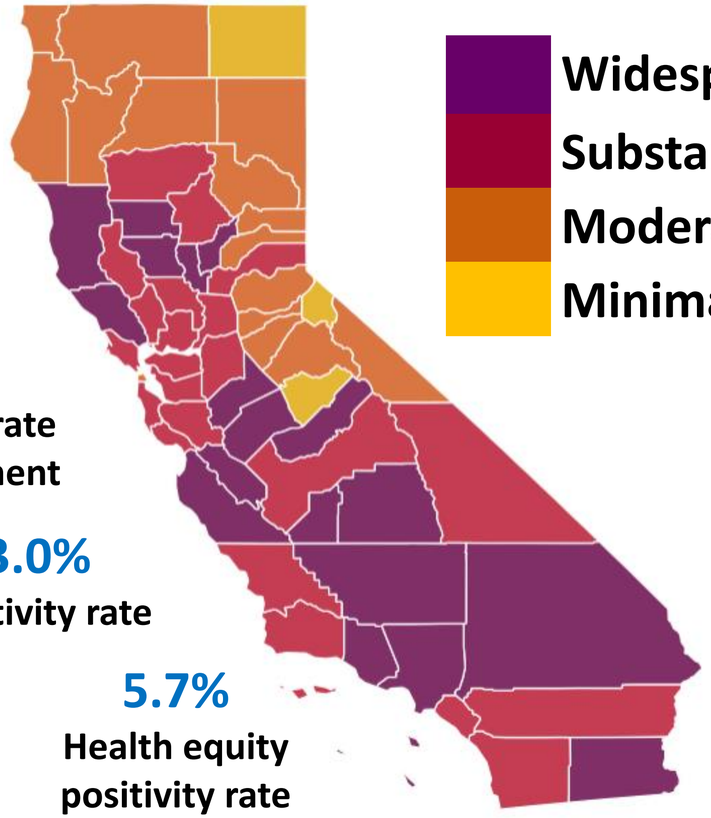
San Diego County Metrics

7.2
Unadjusted case rate

6.8
Adjusted case rate for tier assignment

3.0%
Positivity rate

5.7%
Health equity positivity rate



- Widespread
- Substantial
- Moderate
- Minimal

State Monitoring Metrics

LIVE WELL SAN DIEGO

Currently in Tier # 2 (Red)

	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

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; 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, 10/14/2020

BLUEPRINT FOR A SAFER ECONOMY – STATE METRICS FOR TIER MOVEMENT

LIVE WELL SAN DIEGO

1 Case Rate

2 Test Positivity

3 (NEW) Health Equity

NEW HEALTH EQUITY METRIC – BASED ON THE HEALTHY PLACES INDEX

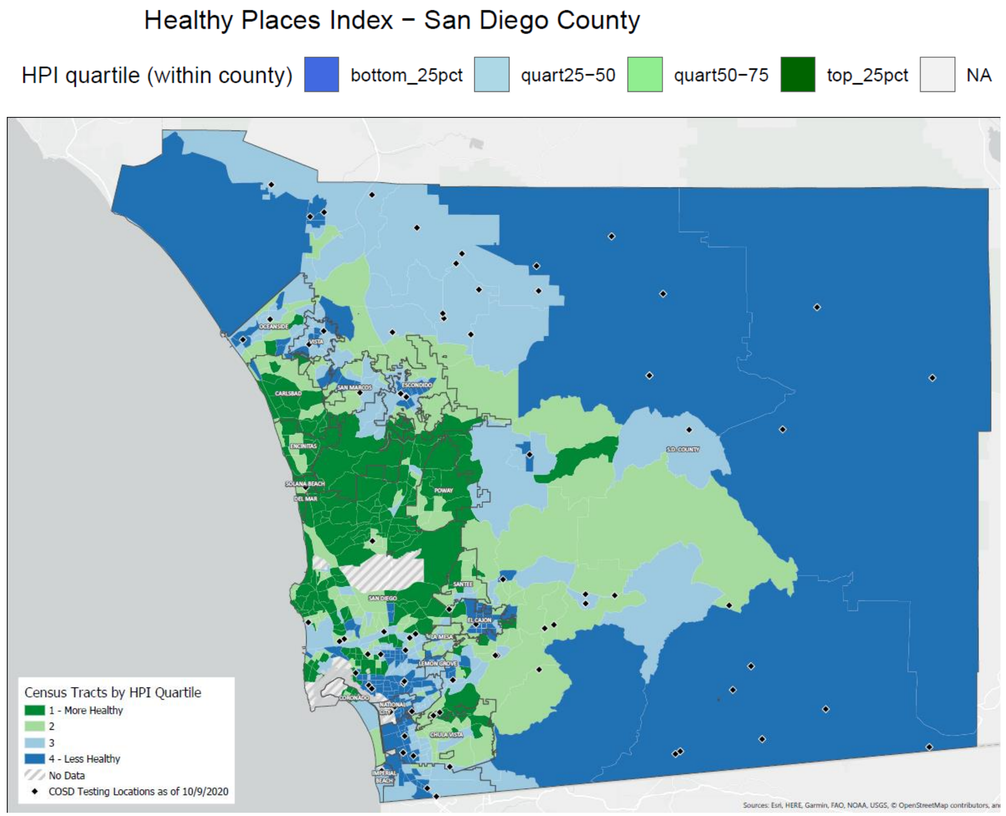
Healthy Places Index (HPI)

- **Each community area receives an HPI score.**
- The HPI score is based on 8 **healthy community conditions:**

HEALTHY PLACES INDEX (HPI) QUARTILES

Based on the HPI score, a region is categorized into 4 groups

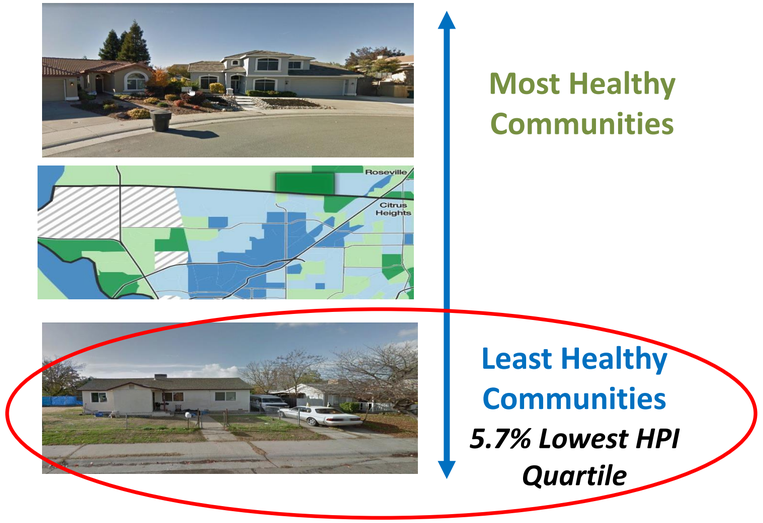
- **Highest** to **Lowest Quartiles**, or the **Healthiest** Conditions to the **Least Healthy** communities



HEALTH EQUITY METRIC

- **Testing Positivity Percentage** is calculated for areas scored as **Least Healthy Conditions.**

- The **Health Equity Testing Positivity Percentage** will place Counties in one of the Tiers.
  - This metric will **not** move Counties back a Tier.



Tier	Health Equity Testing Positivity Percentage
1 (Purple)	≥8.1%
2 (Red)	≤8.0%
3 (Orange)	≤5.2%
4 (Yellow)	≤2.1%

San Diego County 5.7%

HEALTH EQUITY INVESTMENT PLAN

LIVE WELL SAN DIEGO

Immediate Strategies	Longer-Term Strategies	Cross-Cutting Strategies
• Testing • Contact Tracing • Isolation & Treatment • Worker Protections	• Housing Security & Homelessness • Schools & Childcare • Economic Security • Health in All Policies • Transportation, Physical Access, & Mobility	• Data • Communication • Language Access & Cultural Competency • Community Engagement • Mental Health Care

SUMMARY OF PUBLIC SCHOOL DISTRICT REOPENING

LIVE WELL SAN DIEGO

27	• Open to some or all students.
6	• Will open later in October.
3	• Target date of January 2021.
1	• Still working to identify a date in October or November.
2	• Will determine a start date.

INFLUENZA VACCINATION PLANNING FOR 2020-2021 SEASON

LIVE WELL SAN DIEGO

Influenza Vaccination Planning for 2020-2021 Season

- Maximize available vaccine supply.
  - Expect >190M doses for U.S. market.
- Operational considerations
  - Outreach to those at higher risk
  - Planning for need to physical distance
  - Extending influenza vaccination season (September through December or later)
- Enhance communication.
  - Align with COVID-19 messaging.
  - Messaging for high-risk individuals

Influenza Vaccination Point of Dispensing Locations:

Thursday, Oct. 22 – North Central

Saturday, Oct. 24 – South

Tuesday, Oct. 27 – North Coastal

Wednesday, Oct. 28 – Central

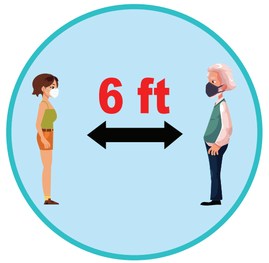
Thursday, Oct. 29 – East

Tuesday, Nov. 3 – North Inland

WHY DOES IT MATTER?

To Prevent COVID-19 Spread

Practice good hand hygiene and sanitation



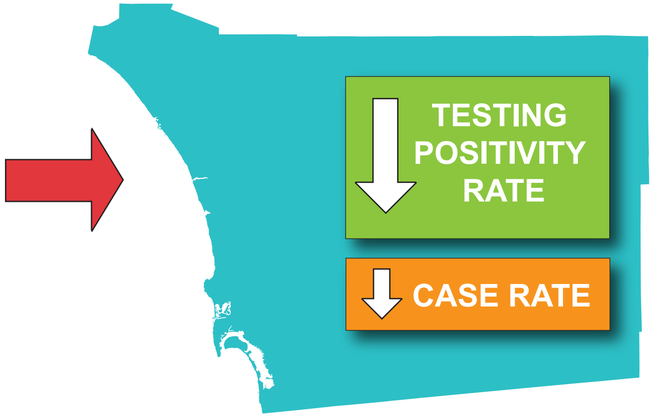
Keep six feet apart

Wear a face covering

Avoid crowded places

Stay home if you're sick

No dinner or house parties

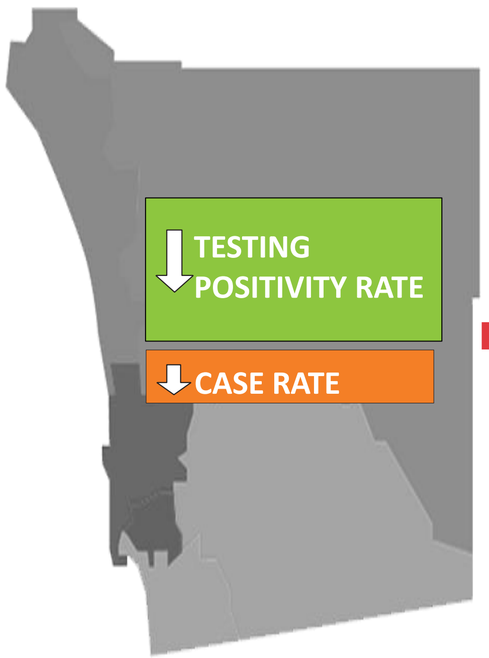


www.coronavirus-sd.com

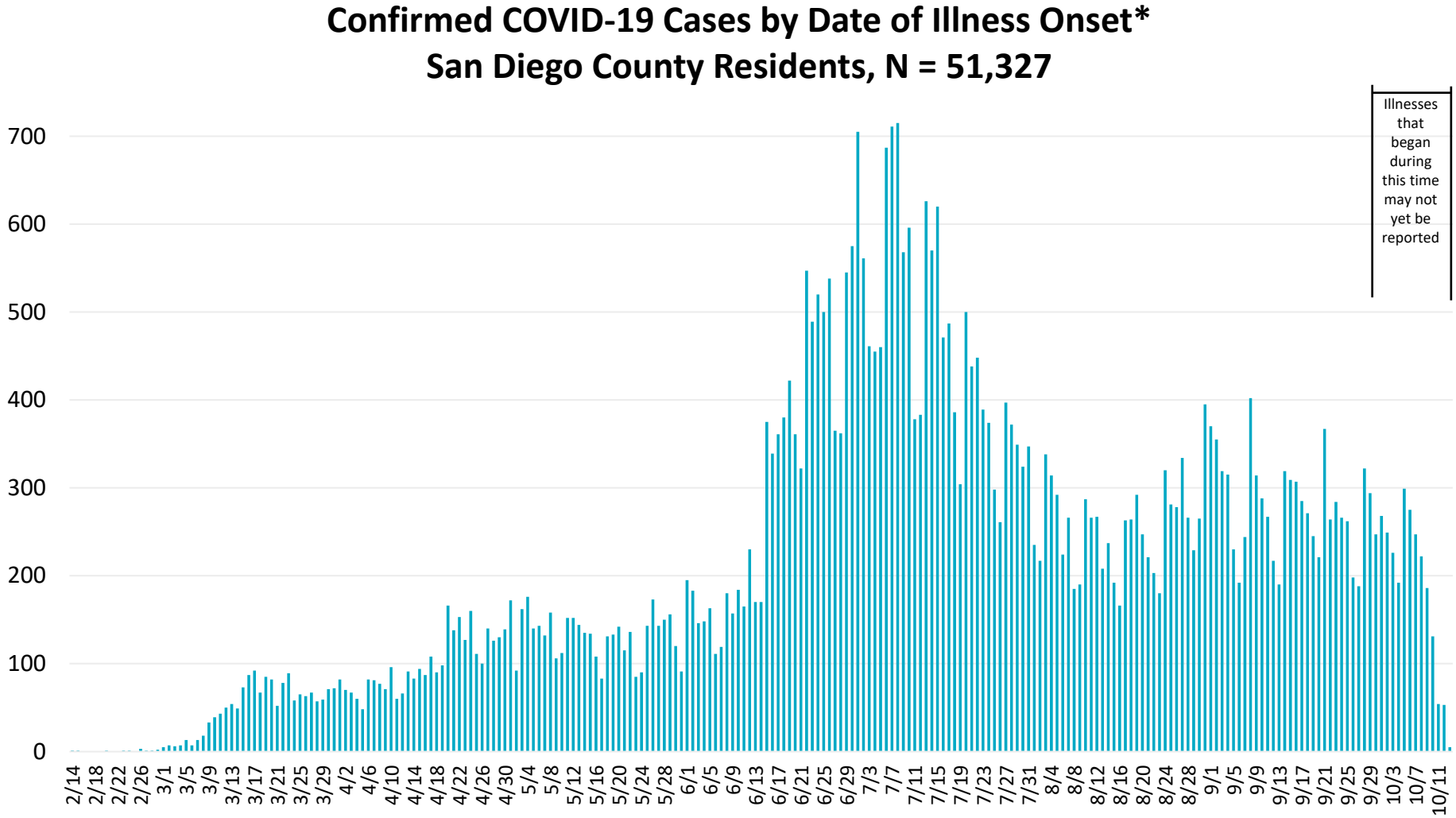
Text: COSDCOVID19 to 468-311

DECREASES IN TESTING POSITIVITY AND CASE RATE LEADS TO MORE SECTORS REOPENING

LIVE WELL SAN DIEGO



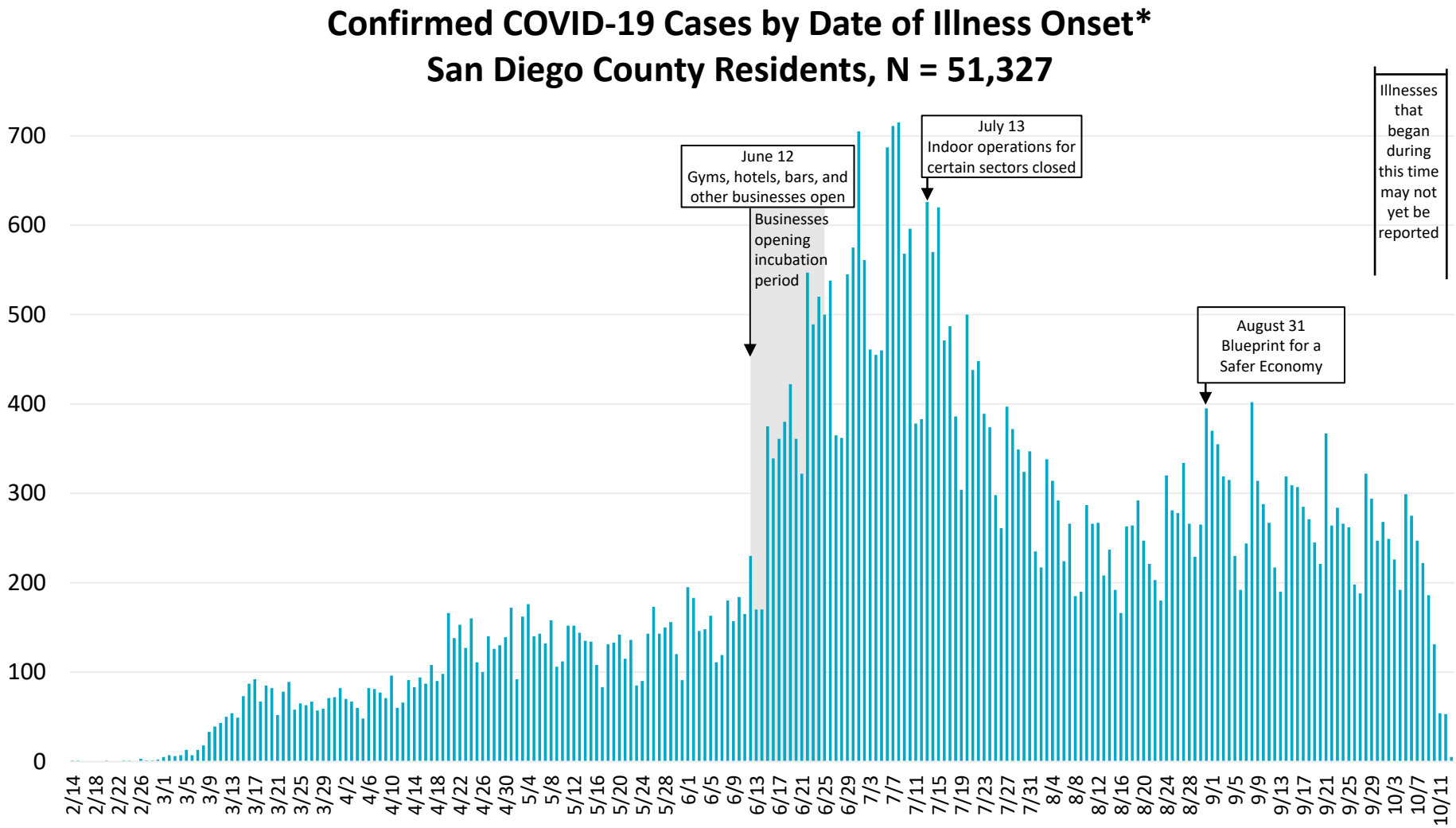
COVID-19 Cases in San Diego County by Illness Onset Date



*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, 10/14/2020

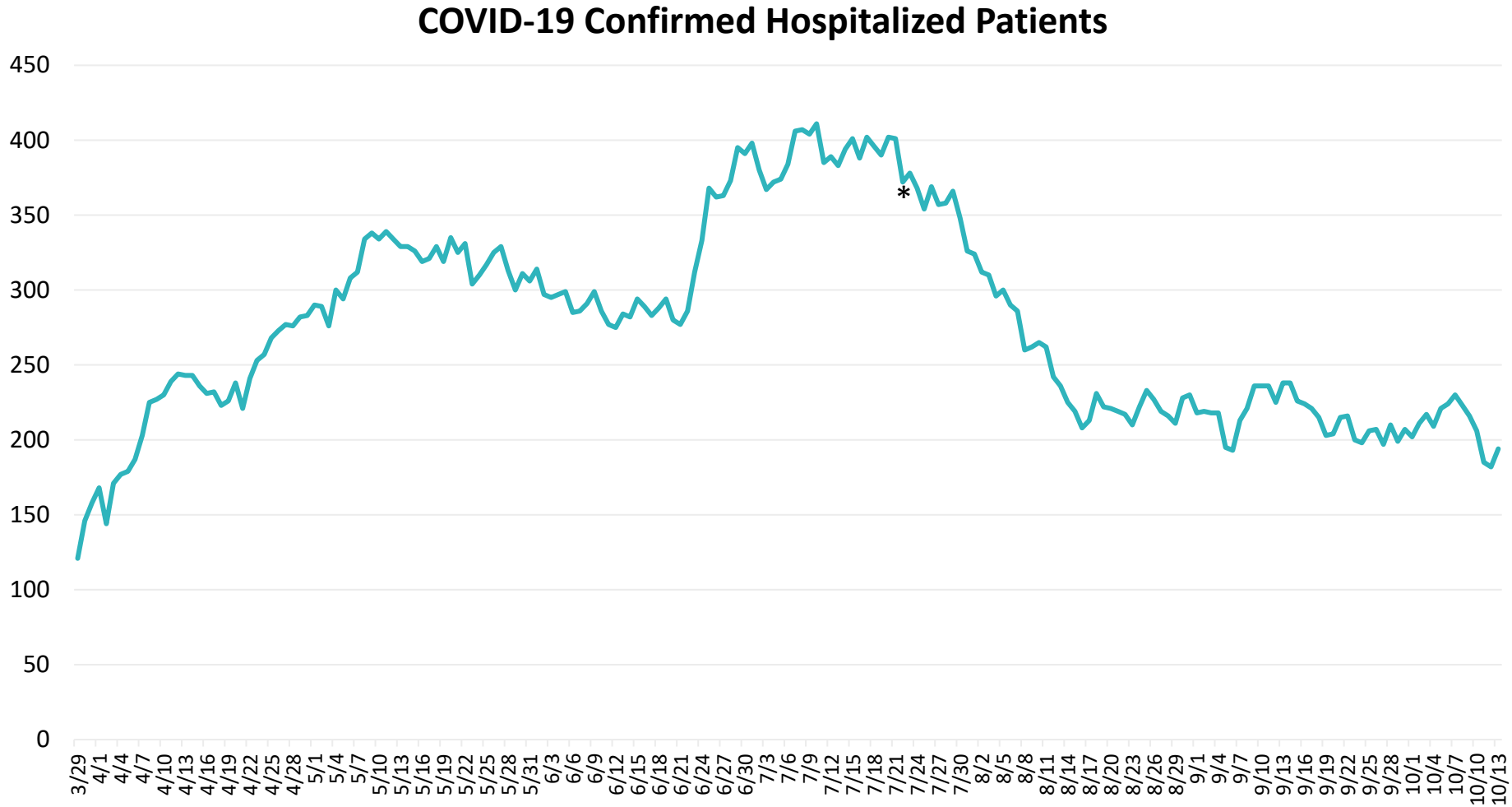
COVID-19 Cases in San Diego County by Illness Onset Date



*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*

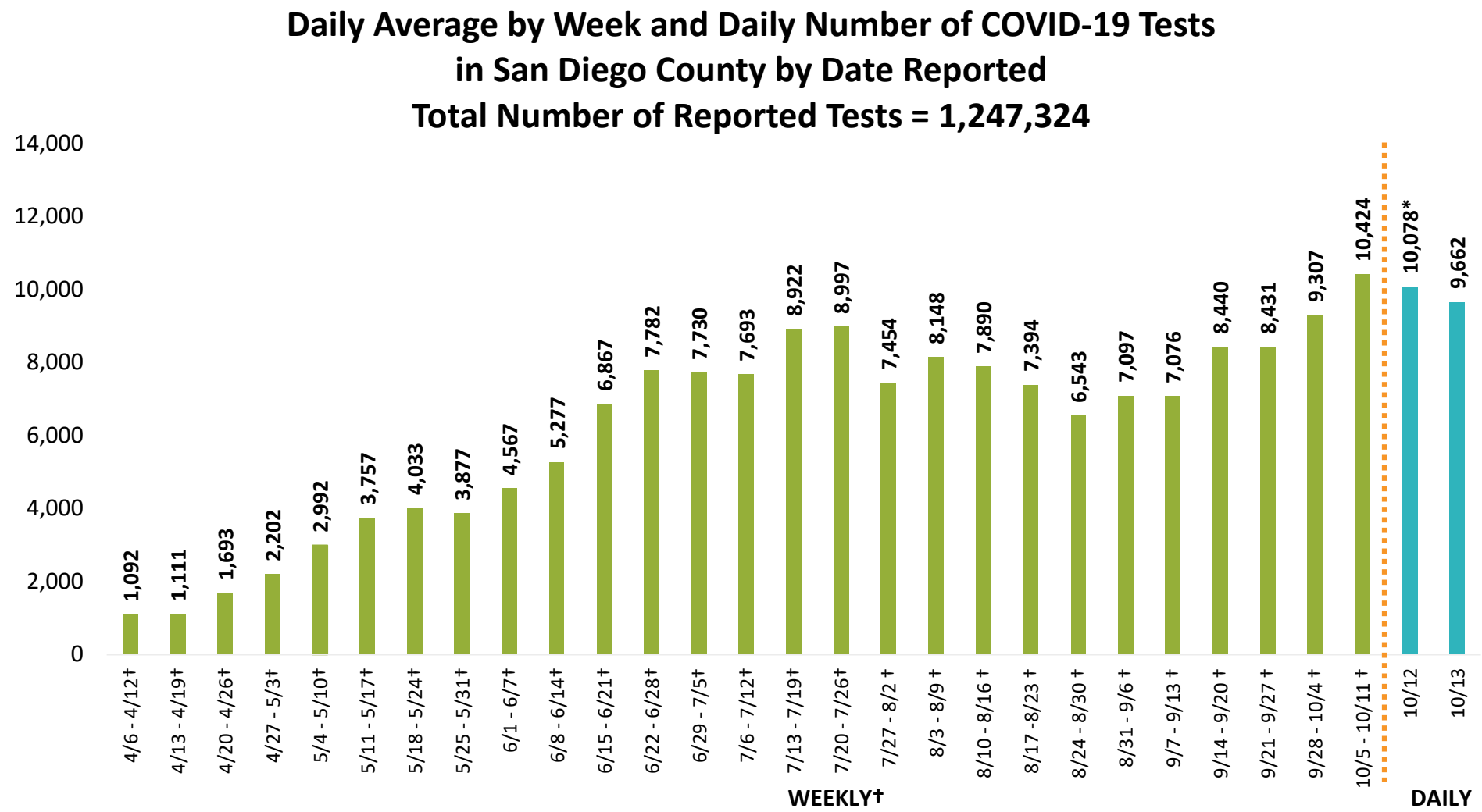
Prepared by County of San Diego, Emergency Operation Center, 10/14/2020

COVID-19 Confirmed Hospital Census



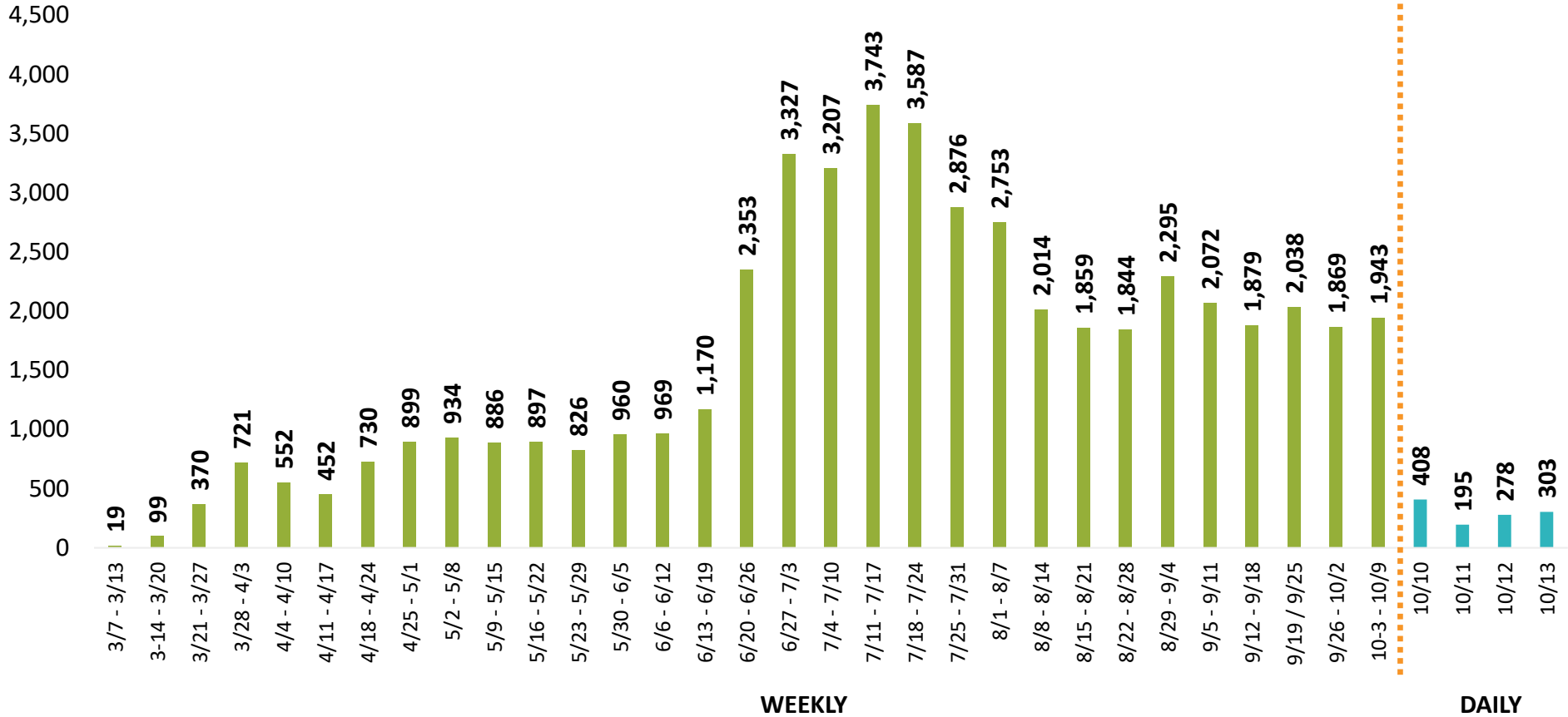
Data are preliminary and subject to change; data through 7/30 from State of California Health and Human Services Open Data; data starting 7/31 from hospitals reporting directly to County of San Diego; census for non-federal hospitals; includes both San Diego County residents and non-residents
**7/22-7/24, 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, 10/14/2020

COVID-19 Tests by Date Reported



*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, 10/14/2020

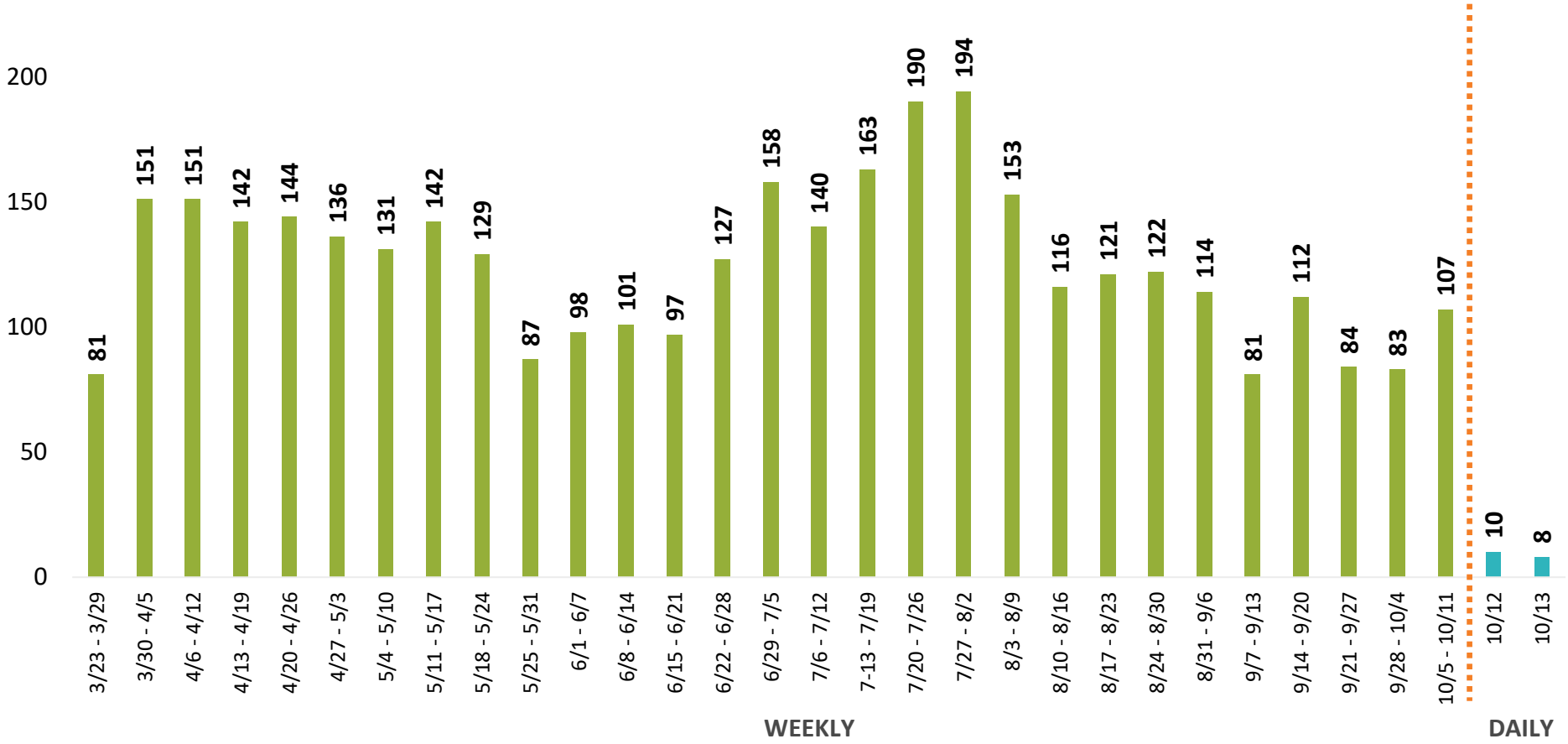
COVID-19 Cases by Date Reported



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, 10/14/2020

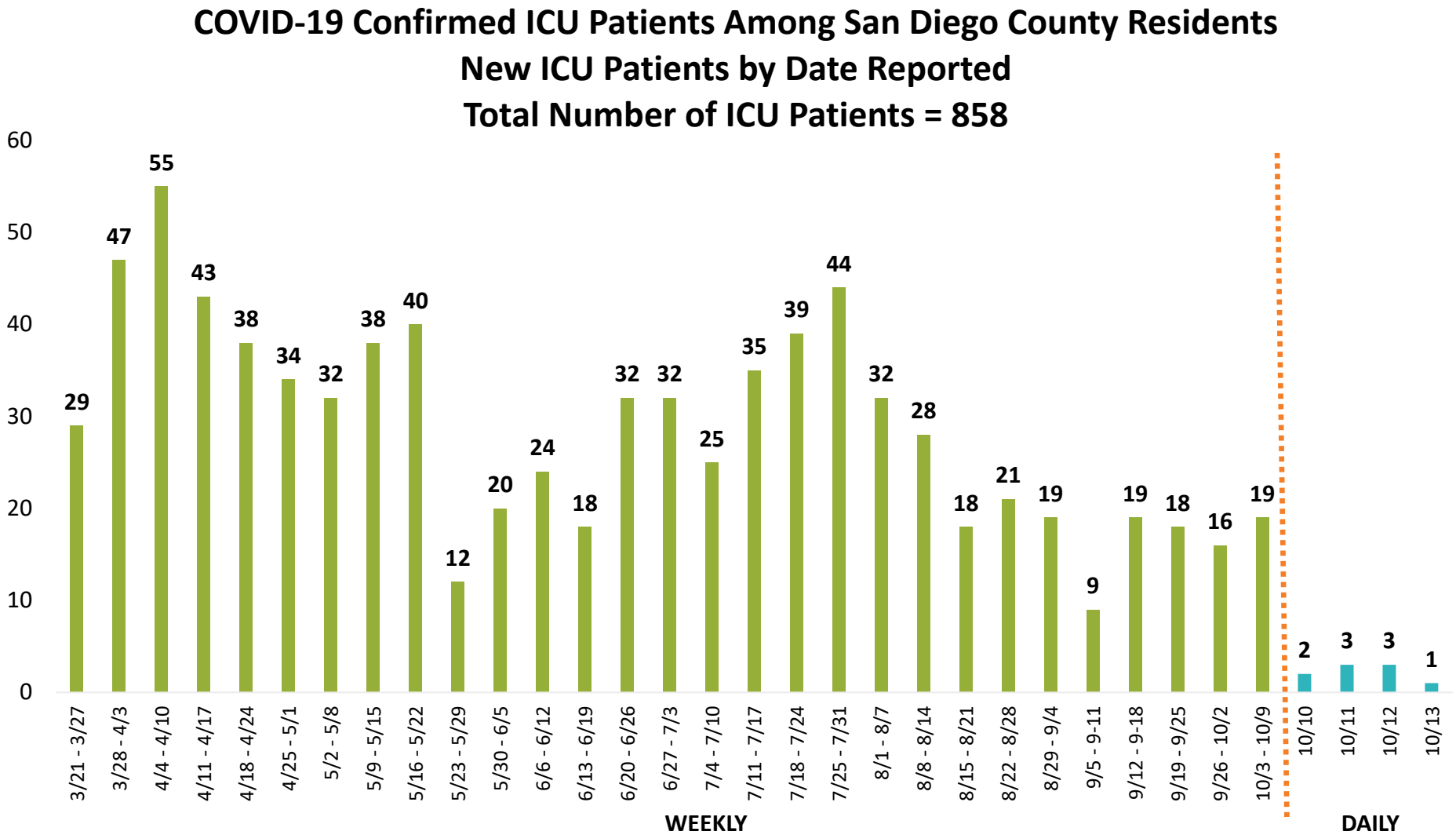
COVID-19 Confirmed Hospitalizations by Date Reported

COVID-19 Confirmed Hospitalizations Among San Diego County Residents
New Hospitalizations by Date Reported
Total Number of Hospitalizations = 3,710



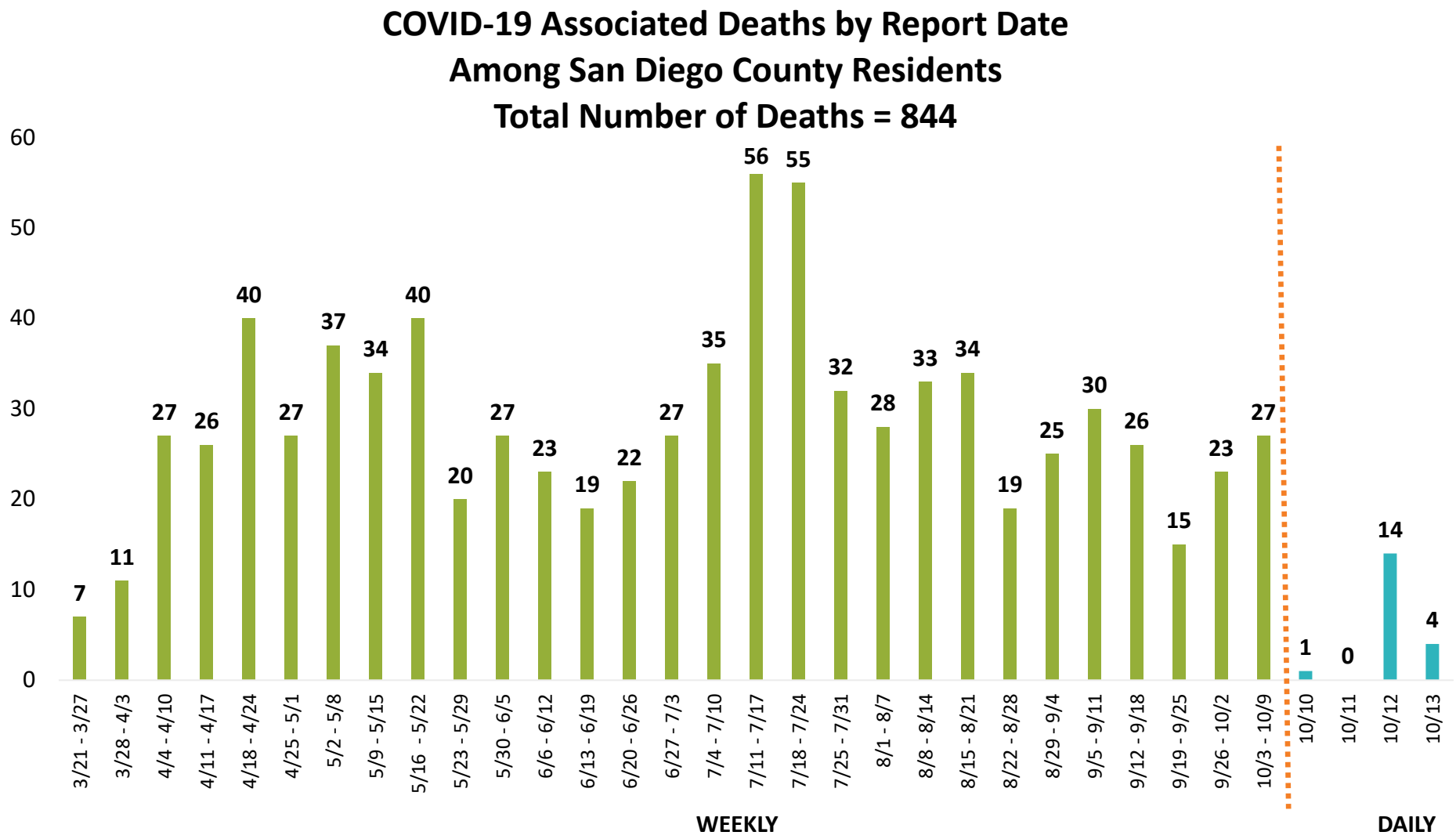
Data are preliminary and subject to change; among San Diego County residents, except data prior to 3/25/2020 includes both San Diego County residents and non-residents
Data available at: https://sdgis-sandag.opendata.arcgis.com/
Prepared by County of San Diego, Emergency Operations Center, 10/14/2020

COVID-19 Confirmed ICU Patients by Date Reported



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, 10/14/2020

COVID-19 Deaths by Report Date



Data are preliminary and subject to change
Prepared by County of San Diego, Emergency Operations Center, 10/14/2020

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)

Cases 51,327 (124)

Recovered 46,336

Hospitalized 3,710 (253)

ICU 858 (247)

Deaths 844 (111)

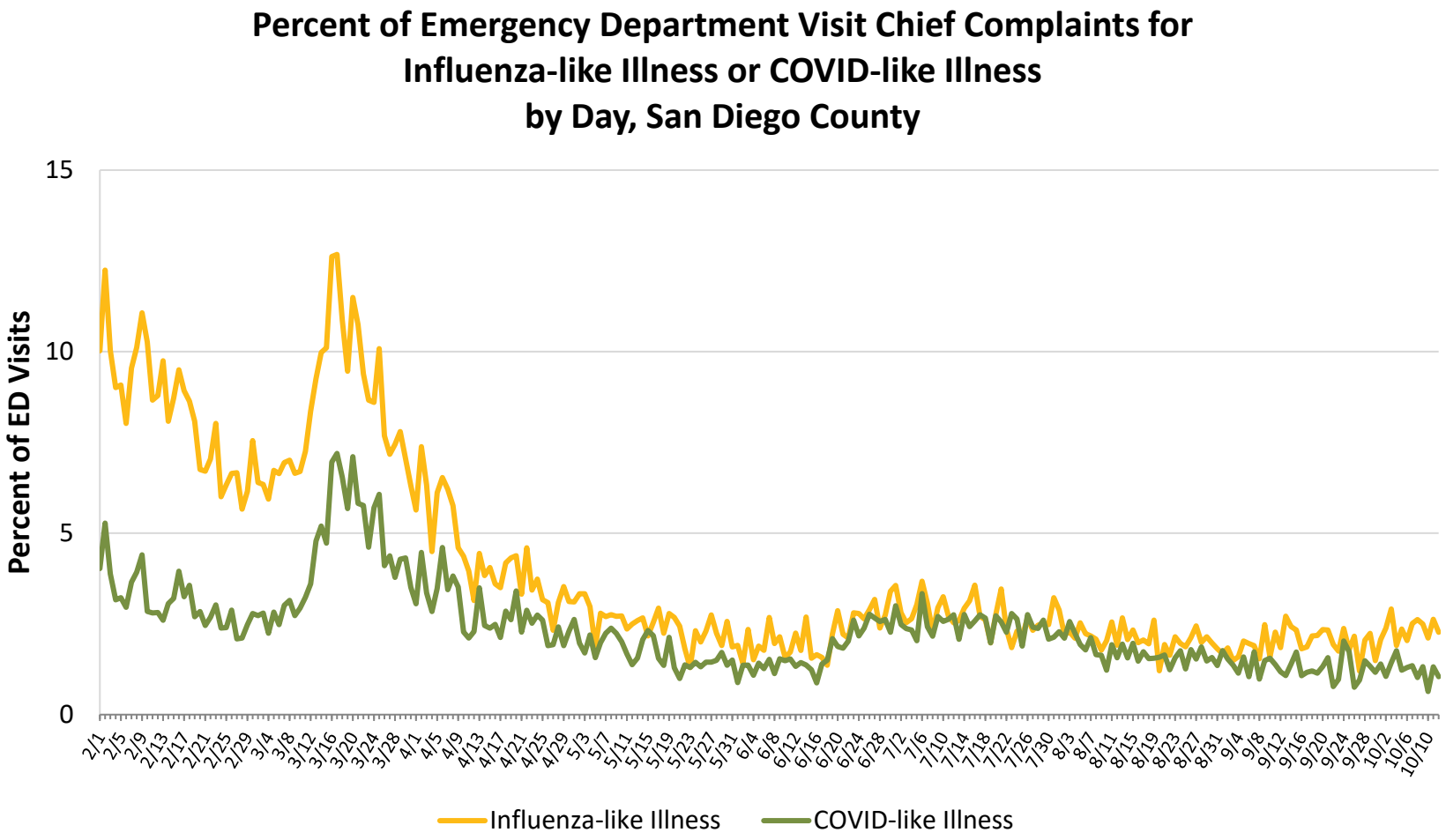
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0

3/17 3/21 3/25 3/29 4/2 4/6 4/10 4/14 4/18 4/22 4/26 4/30 5/4 5/8 5/12 5/16 5/20 5/24 5/28 6/1 6/5 6/9 6/13 6/17 6/21 6/25 6/29 7/3 7/7 7/11 7/15 7/19 7/23 7/27 7/31 8/4 8/8 8/12 8/16 8/20 8/24 8/28 9/1 9/5 9/9 9/13 9/17 9/21 9/25 9/29 10/3 10/7 10/11

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, 10/14/2020

Emergency Department Data



Categories are not mutually exclusive. COVID-like Illness includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes. 16 San Diego County hospitals are included.

Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Epidemiology and Immunization Services Branch, 10/14/2020

T3 Health Equity Strategy: Test

Accessible COVID-19 Testing

Eliminating barriers and prioritizing testing for vulnerable groups to support reopening efforts

- Individuals Experiencing Homelessness
- South Bay Saturation Strategy
- Sovereign Nations Partnership
- Rural Focused Testing
- Migrant/Seasonal Farmworker Testing
- Supporting School In-Person Reopening
- Community-Driven ACT RIGHT!* Sites

**Racially and Ethnically Inclusive Group Hotspot Testing (RIGHT), the County of San Diego's rotating schedule of mobile testing sites*

T3 Health Equity Strategy: Trace

Culturally Competent Disease Investigation

Diversity reflected in staffing, training, and outreach

- Promotores/ Community Health Worker Approach
- Culturally Responsive Preparedness Trainings for Staff
- Hiring Practices for Bilingual and Bicultural Staff
- Focused Contact Tracing for 18-24 Year Old Demographic
- Community Education and Outreach Services

T3 Health Equity Strategy: Treat

Assistance with Safe Isolation and Individualized Services

Facilitating safe spaces for individuals and connectivity to resources during recovery

- Referrals to Services through ConnectWellSD
- Isolation Support Nurse Helpline
- Referrals to Income Support
- Educational Supports for Students in Public Health Rooms
- Behavioral Health Services for Convention Center
- Mobility Services at Convention Center and Public Health Rooms