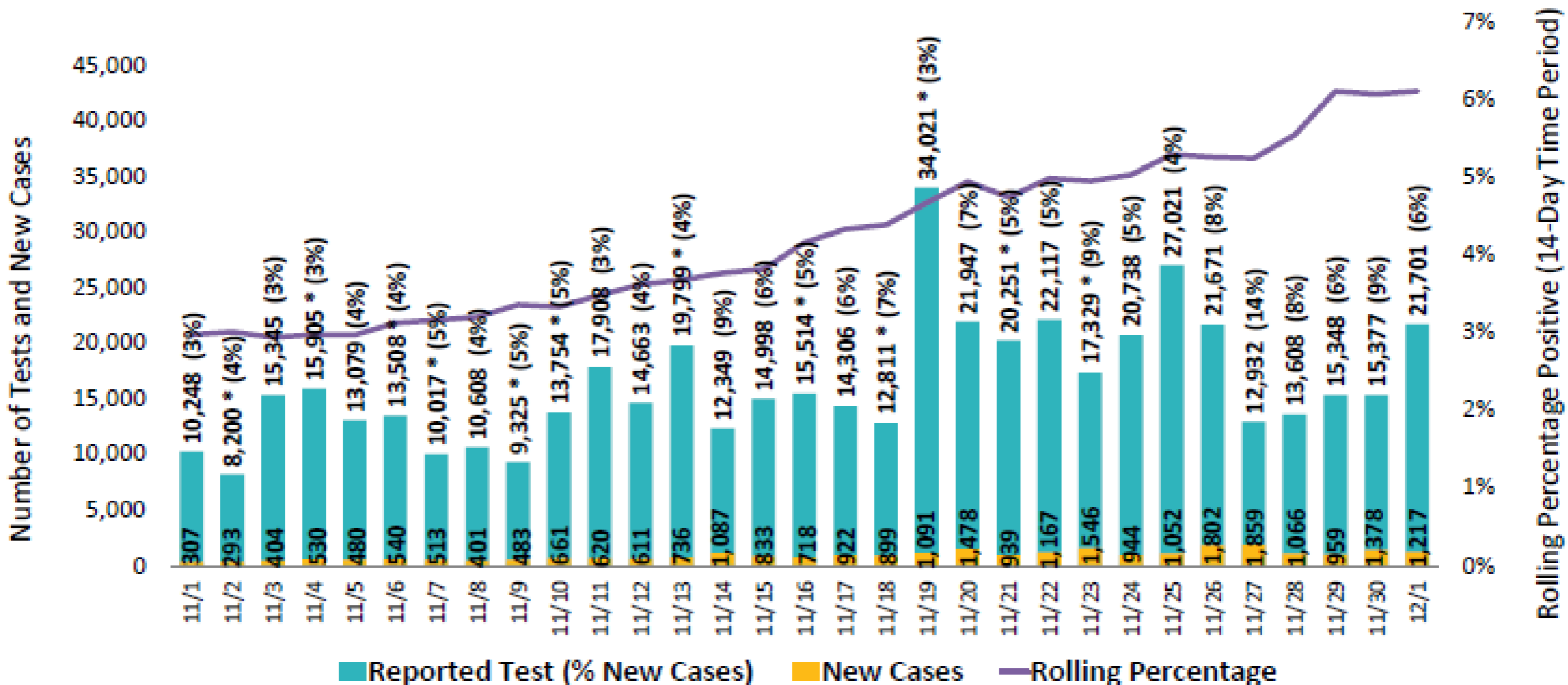# COVID-19 Update

263 Days Since EOC Activation

December 3, 2020

COVID-19 Percentage Positive

Percentage of Positive COVID-19 Cases Among Tests by Date Reported
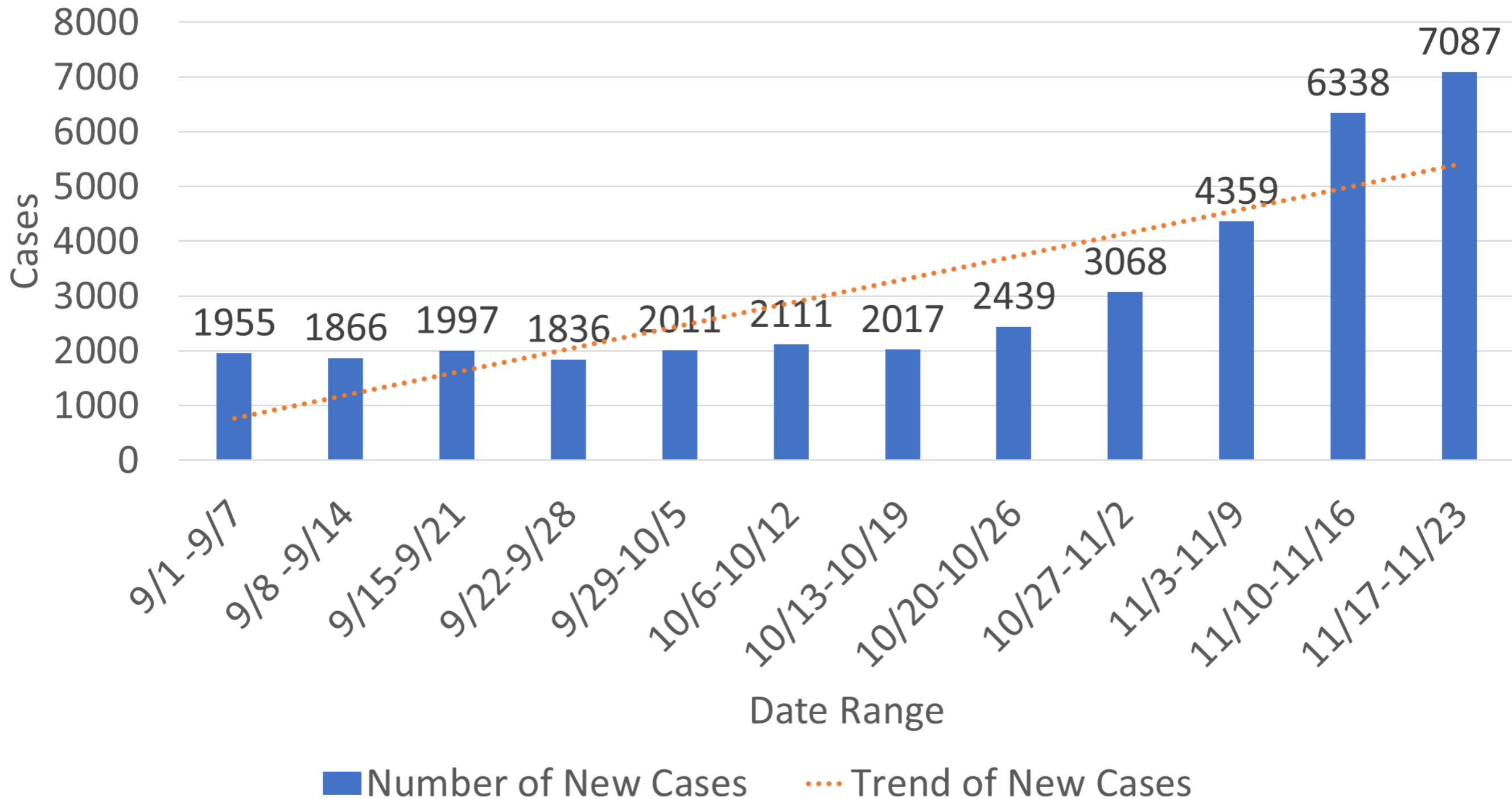## Total Number of Cases = 84,638

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; on 11/16, 25,964 historical tests and on 11/26, 3,767 historical tests from new labs reporting COVID-19 tests were added to the cumulative number – positives were previously investigated and reported; rolling average percentage for 14-day time period; total number of tests = 1,992,773; 12/1/2020 rolling average = 6.3%. Prepared by County of San Diego, Emergency Operations Center, 12/2/2020

Trend of Cases Countywide

Number of New Cases by Episode Date (weekly)
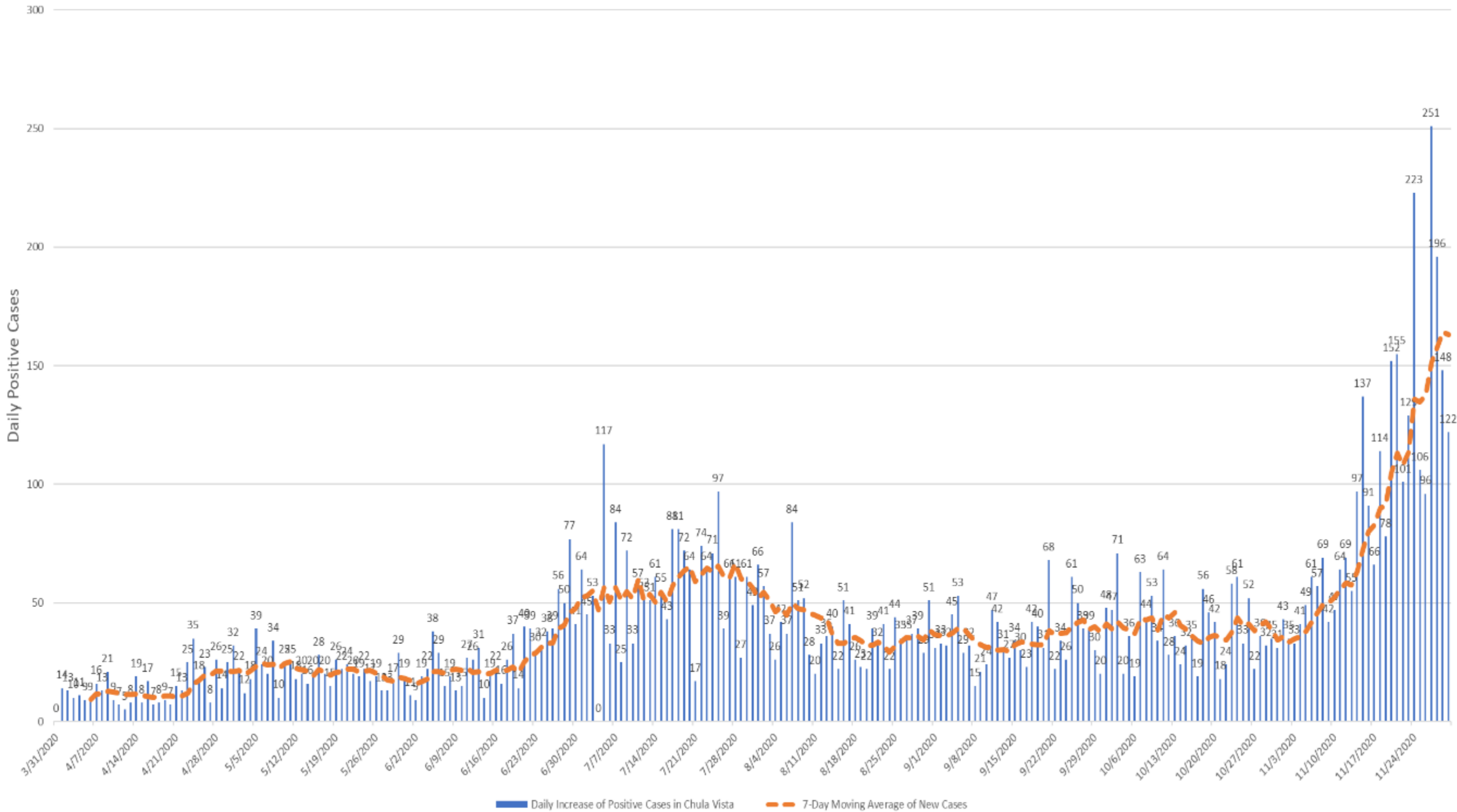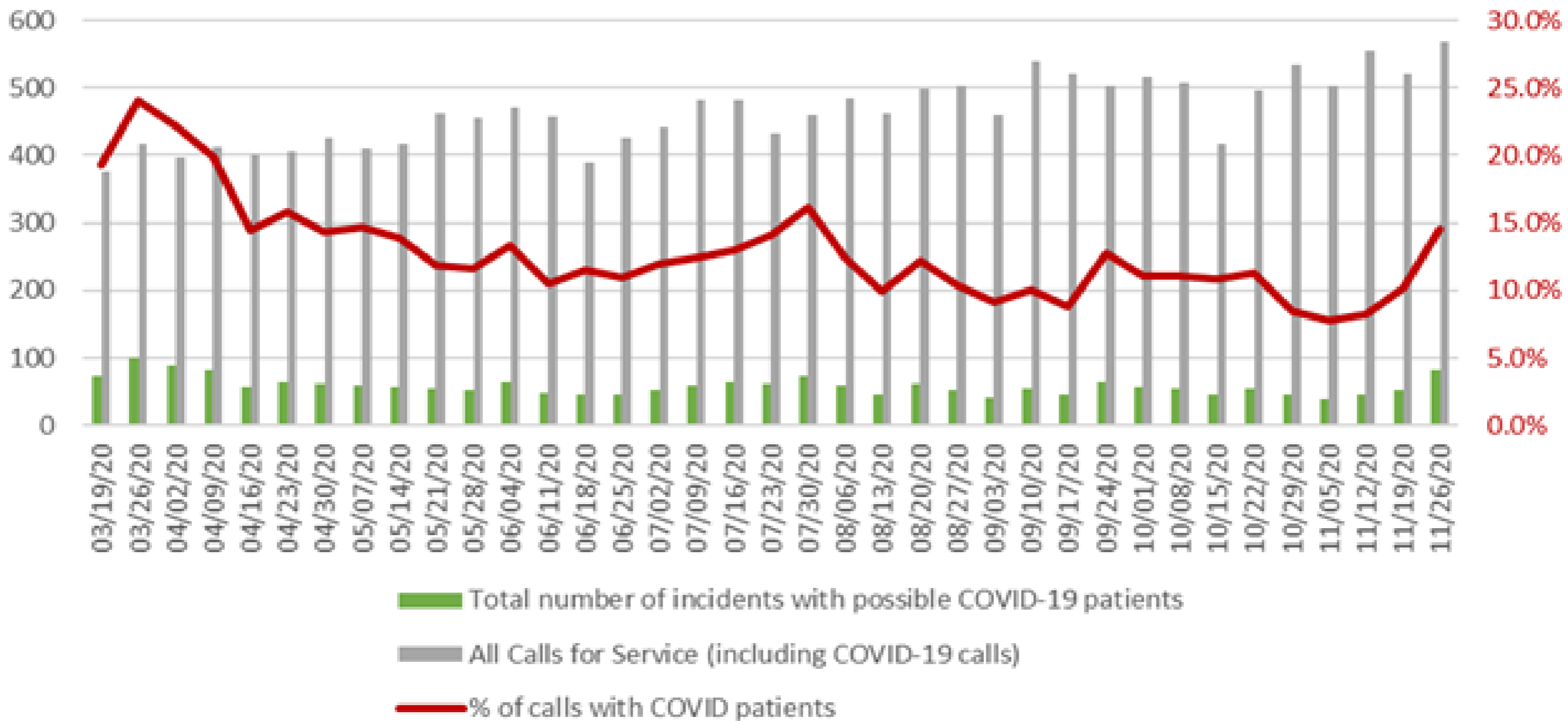
	Fire Department Responses	YTD	201119	201126
COVID-19 Related	Total number of incidents with possible COVID-19 patients	2171	53	83
Total Responses	All Calls for Service (including COVID-19 calls)	17216	521	568

COVID-19 Hospital Census

COVID-19 Hospital Daily Census in San Diego County
Includes Cases and Suspect COVID19 Patients

Legend: Total COVID-19-Related Hospitalizations (teal), COVID-19-Related in ICU (orange)

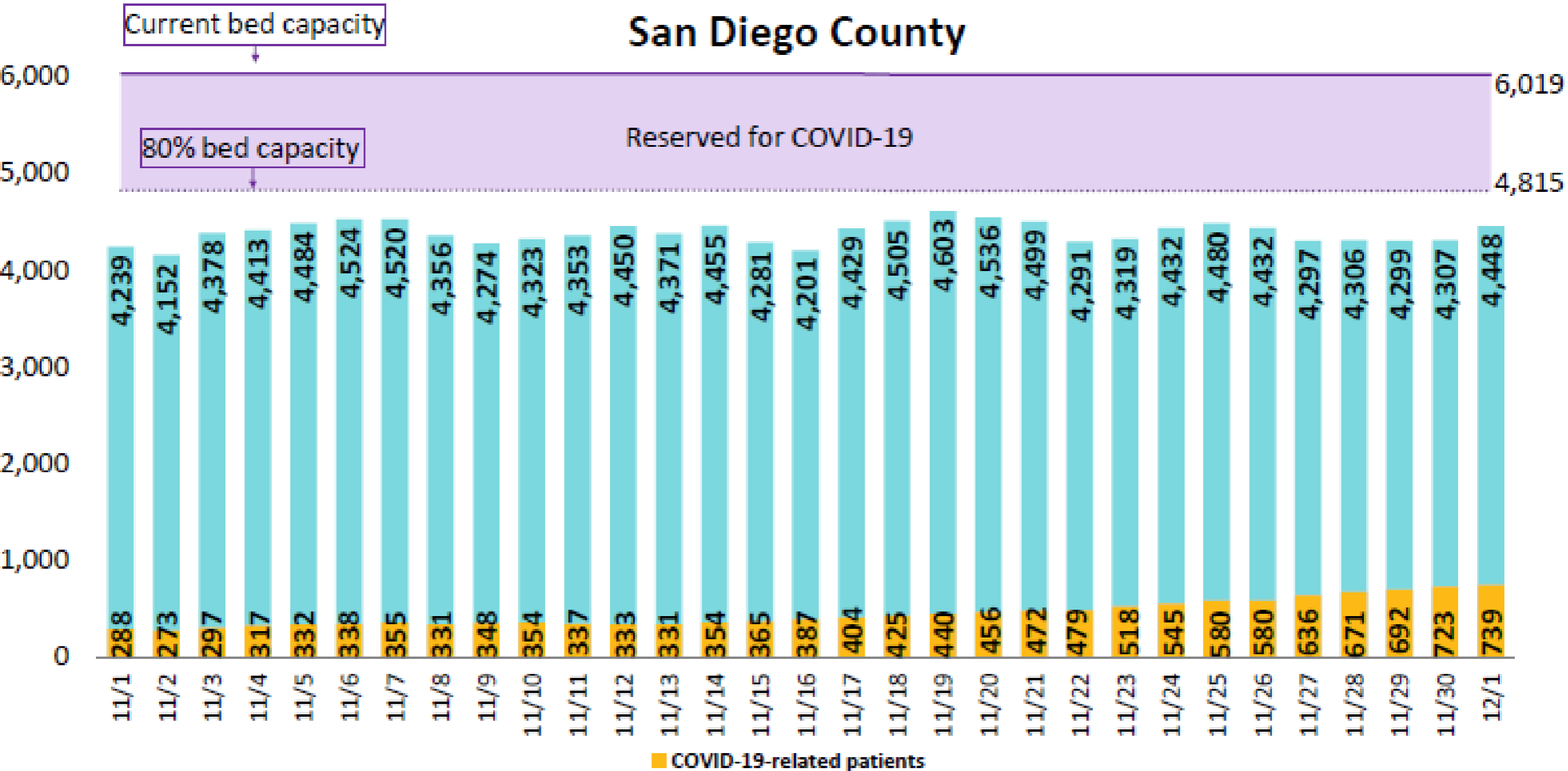| Date	Total COVID-19-Related Hospitalizations	COVID-19-Related in ICU
11/1	288	93
11/2	273	97
11/3	297	106
11/4	317	105
11/5	332	104
11/6	338	111
11/7	355	108
11/8	331	102
11/9	348	105
11/10	354	109
11/11	337	102
11/12	333	105
11/13	331	109
11/14	354	116
11/15	365	112
11/16	387	123
11/17	404	128
11/18	425	126
11/19	440	127
11/20	456	128
11/21	472	135
11/22	479	142
11/23	518	151
11/24	545	152
11/25	580	166
11/26	580	173
11/27	636	175
11/28	671	178
11/29	692	180
11/30	723	197
12/1	739	209

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, 12/2/2020

COVID-19 Daily Hospital Bed Census

COVID-19 Daily Hospital Census
San Diego County

Current bed capacity

80% bed capacity

6,000 — 6,019

Reserved for COVID-19

5,000 — 4,815

COVID-19-related patients

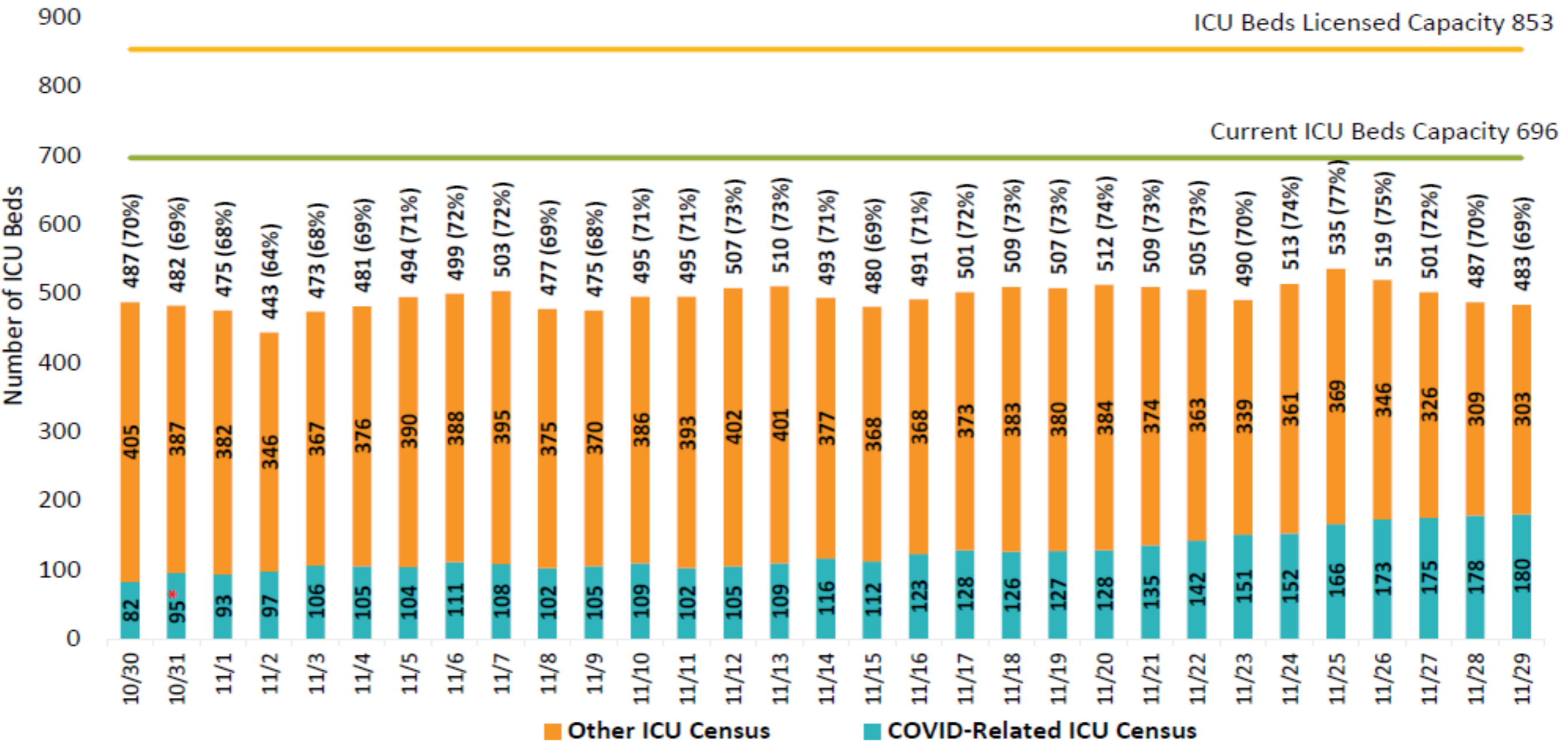| Date	Total	COVID-19-related
11/1	4,239	288
11/2	4,152	273
11/3	4,378	297
11/4	4,413	317
11/5	4,484	332
11/6	4,524	338
11/7	4,520	355
11/8	4,356	331
11/9	4,274	348
11/10	4,323	354
11/11	4,353	337
11/12	4,450	333
11/13	4,371	331
11/14	4,455	354
11/15	4,281	365
11/16	4,201	387
11/17	4,429	404
11/18	4,505	425
11/19	4,603	440
11/20	4,536	456
11/21	4,499	472
11/22	4,291	479
11/23	4,319	518
11/24	4,432	545
11/25	4,480	580
11/26	4,432	580
11/27	4,297	636
11/28	4,306	671
11/29	4,299	692
11/30	4,307	723
12/1	4,448	739

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, 12/2/2020

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 696

Number of ICU Beds

Date	Other ICU Census	COVID-Related ICU Census	Total (%)
10/30	405	82	487 (70%)
10/31	387	95*	482 (69%)
11/1	382	93	475 (68%)
11/2	346	97	443 (64%)
11/3	367	106	473 (68%)
11/4	376	105	481 (69%)
11/5	390	104	494 (71%)
11/6	388	111	499 (72%)
11/7	395	108	503 (72%)
11/8	375	102	477 (69%)
11/9	370	105	475 (68%)
11/10	386	109	495 (71%)
11/11	393	102	495 (71%)
11/12	402	105	507 (73%)
11/13	401	109	510 (73%)
11/14	377	116	493 (71%)
11/15	368	112	480 (69%)
11/16	368	123	491 (71%)
11/17	373	128	501 (72%)
11/18	383	126	509 (73%)
11/19	380	127	507 (73%)
11/20	384	128	512 (74%)
11/21	374	135	509 (73%)
11/22	363	142	505 (73%)
11/23	339	151	490 (70%)
11/24	361	152	513 (74%)
11/25	369	166	535 (77%)
11/26	346	173	519 (75%)
11/27	326	175	501 (72%)
11/28	309	178	487 (70%)
11/29	303	180	483 (69%)

■ 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; * Starting 10/31, COVID hospital census numbers will show an increase due to a change in the hospital census definition. Previously, COVID-19 hospitalized patients stopped being counted as a COVID-19 hospitalized patient after ten days. Now, they continue to be counted as a COVID-19 hospitalized patient for their entire stay in the hospital. Prepared by County of San Diego, Emergency Operations Center, 11/30/2020*
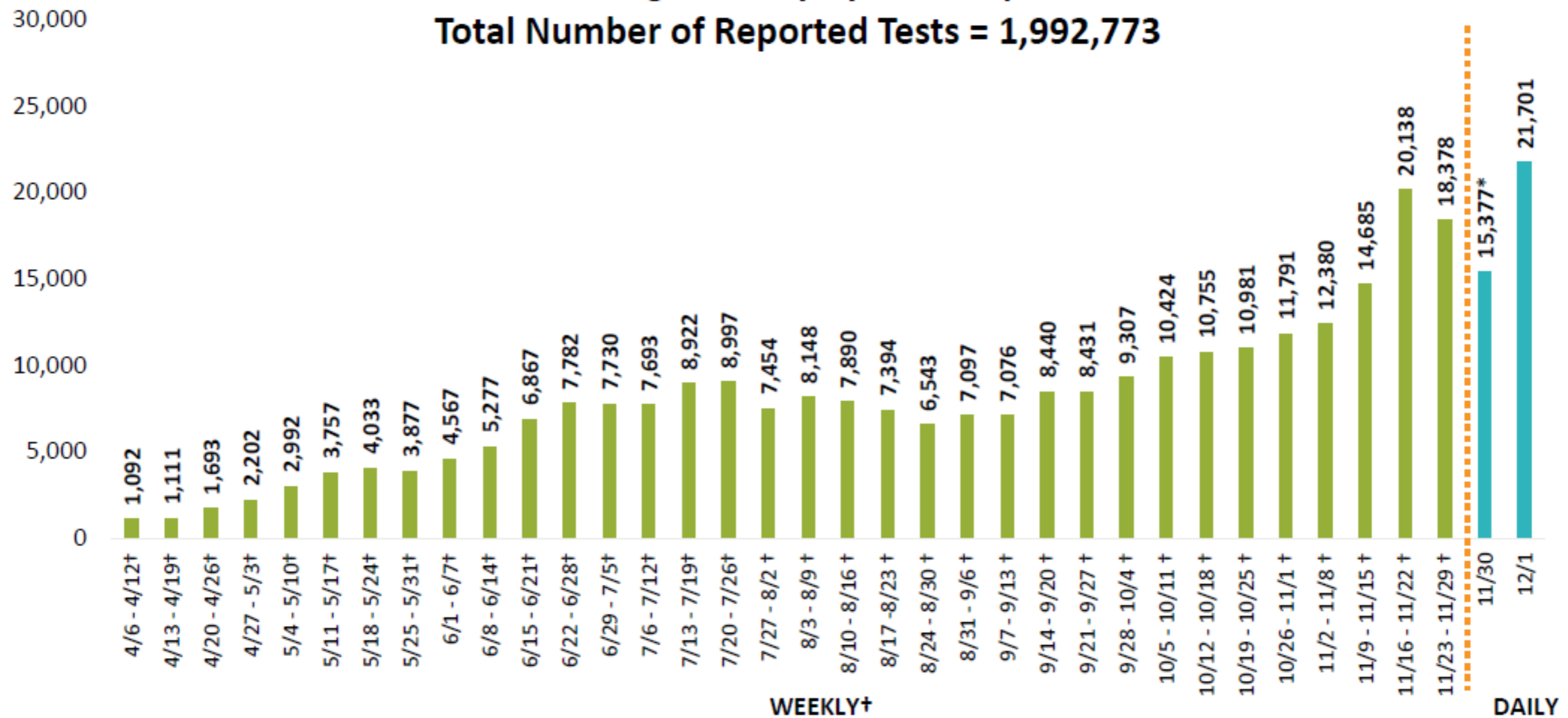
CA Health System Projections

Region	Current % ICU beds occupied	Projected total % ICU beds occupied on 12/24	Date Meeting ICU Capacity
California	75%	112%	Mid December
Bay Area	72%	91%	Early January
Greater Sacramento	76%	103%	Late December
Northern California	85%	134%	Early December
San Joaquin Valley	78%	120%	Mid December
Southern California	74%	107%	Mid-Late December

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 = 1,992,773

Date	Value
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
9/7 - 9/13 †	7,076
9/14 - 9/20 †	8,440
9/21 - 9/27 †	8,431
9/28 - 10/4 †	9,307
10/5 - 10/11 †	10,424
10/12 - 10/18 †	10,755
10/19 - 10/25 †	10,981
10/26 - 11/1 †	11,791
11/2 - 11/8 †	12,380
11/9 - 11/15 †	14,685
11/16 - 11/22 †	20,138
11/23 - 11/29 †	18,378
11/30	15,377*
12/1	21,701

WEEKLY†   DAILY

Data are preliminary and subject to change; includes both San Diego County residents and non-residents; †daily average; on 11/26, 3,767 historical tests from a new lab reporting COVID-19 tests were added to the cumulative number – positives were previously investigated and reported. Data available at: https://sdgis-sandag.opendata.arcgis.com/. Prepared by County of San Diego, Emergency Operations Center, 12/2/2020

City Testing Site

Chula Vista South Library COVID-19 Testing Report

	Date	Tests Completed	Weekly Total	Daily Average
Week 1	10/4/2020	245	1,449	290
	10/5/2020	296		
	10/6/2020	319		
	10/7/2020	300		
	10/8/2020	289		
Week 2	10/11/2020	279	1,395	279
	10/12/2020	300		
	10/13/2020	257		
	10/14/2020	280		
	10/15/2020	279		
Week 3	10/18/2020	310	1,599	320
	10/19/2020	345		
	10/20/2020	313		
	10/21/2020	293		
	10/22/2020	338		
Week 4	10/25/2020	335	1,828	366
	10/26/2020	385		
	10/27/2020	370		
	10/28/2020	390		
	10/29/2020	348		
Week 5	11/1/2020	341	1,949	390
	11/2/2020	382		
	11/3/2020	427		
	11/4/2020	377		
	11/5/2020	422		

Chula Vista South Library COVID-19 Testing Report

	Date	Tests Completed	Weekly Total	Daily Average
Week 6	11/8/2020	318	2,120	424
	11/9/2020	500		
	11/10/2020	431		
	11/11/2020	379		
	11/12/2020	492		
Week 7	11/15/2020	425	2,462	492
	11/16/2020	507		
	11/17/2020	477		
	11/18/2020	552		
	11/19/2020	501		
Week 8	11/22/2020	583	2,065	516
	11/23/2020	515		
	11/24/2020	509		
	11/25/2020	458		
Week 9	11/29/2020	596	1,120	560
	11/30/2020	524		
	12/1/2020			
	12/2/2020			
	12/3/2020			
TOTAL		**15,987**	**1,858**	**390**

State Monitoring Metrics

LIVE WELL SAN DIEGO

Currently in Tier # 1 (Purple)

Date Updated	Dates of Interest for Analyses	Unadjusted Case Rate per 100,000 (7-day daily average with a 3-day lag)	Adjusted Case Rate per 100,000 (7-day daily average with a 3-day lag)	Testing Positivity Percentage (7-day average with a 4-day lag)	Health Equity Testing Positivity Percentage	Testing Rate per 100,000 (7-day average with a 3-day lag)
11/16/2020	11/4 - 11/10	12.1	10.7	4.3%	7.2%* (7-day lag)	334.9 (from 11/10 7-day lag)
11/24/2020	11/12 – 11/18	21.5	13.1	3.1%	9.3%* (7-day lag)	484.4 (496.1*)
11/28/2020	11/16 – 11/22	26.5	15.6	4.7%	9.3%* (from 11/24)	496.1 (from 11/24)
12/1/2020	11/19-11/25	30.5	15.3	2.3%	10.6%* (7-day lag)	566.9

Case Rate and Testing Positivity Percentage Thresholds

Tier	Case Rate (per 100,000)	Testing Positivity Percentage	Health Equity Testing Positivity Percentage
1 (Purple)	>7.0	>8.0%	>8.0%
2 (Red)	4.0-7.0	5.0-8.0%	≤8.0%
3 (Orange)	1.0-3.9	2.0-4.9%	≤5.2%
4 (Yellow)	<1.0	<2.0%	≤2.1%

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
Calculated with County data
Prepared by County of San Diego, Emergency Operations Center, 12/2/2020

Chula Vista Case Rate

CITY OF CHULA VISTA

Case Rate by ZIP Code/ Jurisdiction - San Diego County currently in PURPLE tier

Showing 1

Jurisdiction:

CHULA VISTA

Case Rate (7-day avg. w/ 4-day lag): **29.8**

New Cases (7-day period): **567**

Previous 7-Day Case Rate: **15.7**

Population: **271,411**

Total Cases: **8,867**

Cities with less than 20 cases in the seven-day period can result in unstable rate estimates and should be interpreted with caution. For more information about the metrics, please see the California Blueprint for a Safer Economy website.
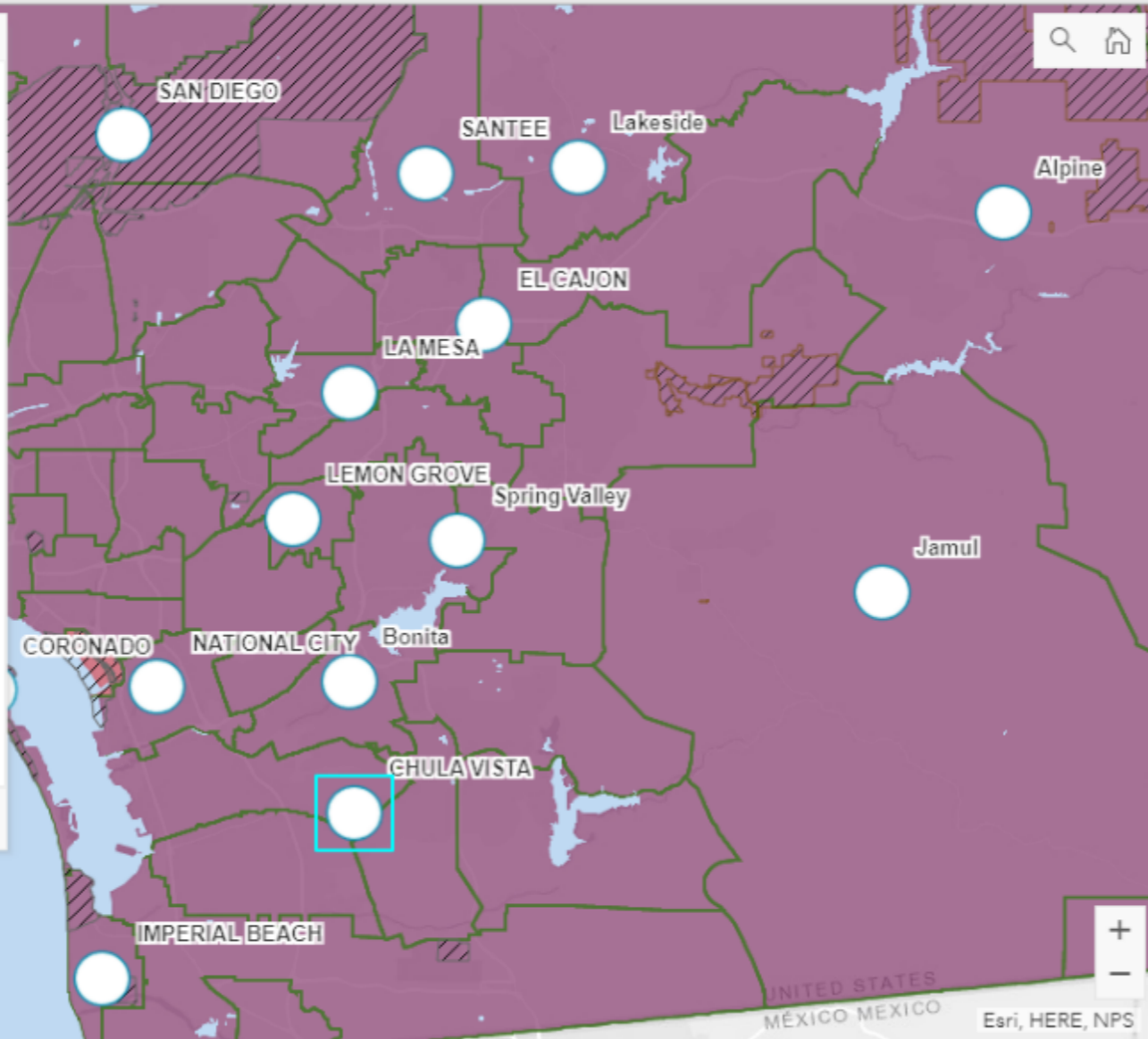
Jurisdiction List
(In Map Extent)

- Alpine
- Bonita
- CHULA VISTA
- CORONADO
- EL CAJON
- IMPERIAL BEACH
- Jamul
- LA MESA
- Lakeside
- LEMON GROVE
- NATIONAL CITY
- SAN DIEGO
- SANTEE
- Spring Valley

Current Week Rate
Nov. 11 - Nov. 18

CHULA VISTA

29.8
0   10
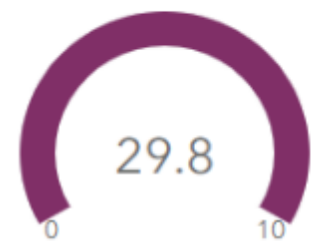
Jurisdictions with less than 20 cases in the seven-day period can result in unstable rate estimates and should be interpreted with caution.

Previous Week Rate
Nov. 4 - Nov. 10

CHULA VISTA

15.7
0   10
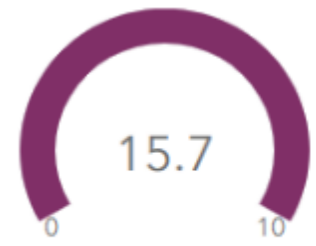
Link: *State of California: Blueprint for a Safer Economy*

PURPLE TIER (Widespread)	RED TIER (Substantial)	ORANGE TIER (Moderate)	YELLOW TIER (Minimal)
Case Rate >7.0 Testing Positivity >8.0%	Case Rase 4.0-7.0 Testing Positivity 5.0-8.0%	Case Rate 1.0-3.9 Testing Positivity 2.0-4.9%	Case Rate <1.0 Testing Positivity <2.0%
Many non-essential indoor business operations are closed	Some non-essential indoor business operations are closed	Some indoor business operations are open with modifications	Most indoor business operations are open with modifications

Esri, HERE, NPS

Compliance

COVID COMPLAINTS
ANALYSIS

Date Range
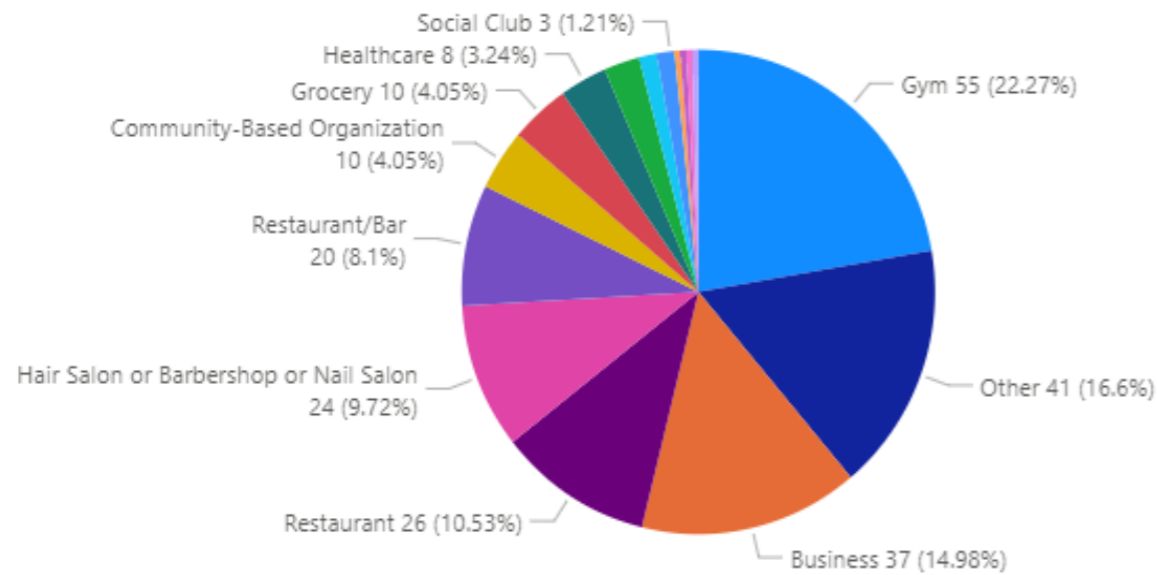
Last ∨ | 12 | Months ∨

📅 12/5/2019 - 12/4/2020

LATEST INCIDENT

Sunday, November 29, 2020

TOTAL COMPLAINTS

247
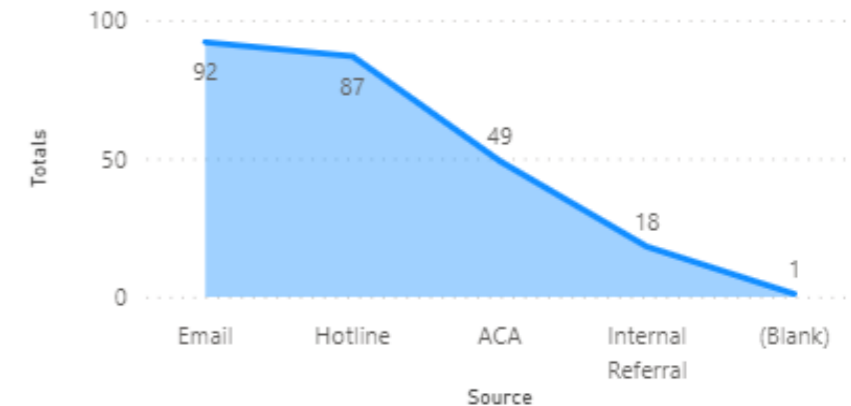
FACILITY TYPE

▽ ⤢

- Social Club 3 (1.21%)
- Healthcare 8 (3.24%)
- Grocery 10 (4.05%)
- Community-Based Organization 10 (4.05%)
- Restaurant/Bar 20 (8.1%)
- Hair Salon or Barbershop or Nail Salon 24 (9.72%)
- Restaurant 26 (10.53%)
- Business 37 (14.98%)
- Other 41 (16.6%)
- Gym 55 (22.27%)

MONTHLY TREND

Month	Totals
July	2
August	65
September	40
October	57
November	83
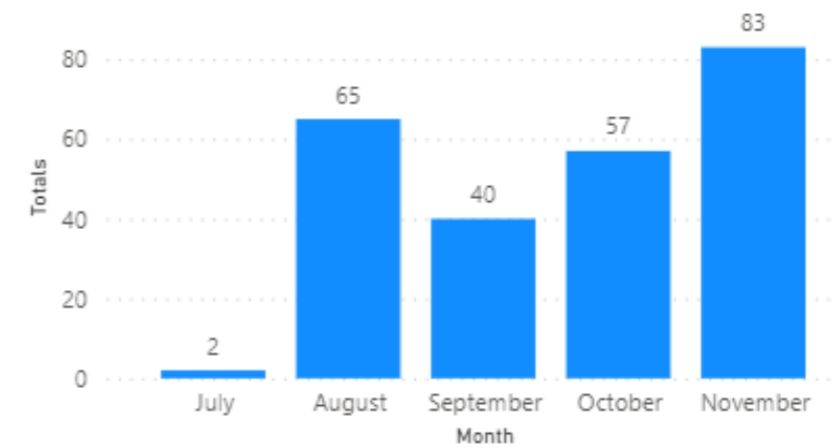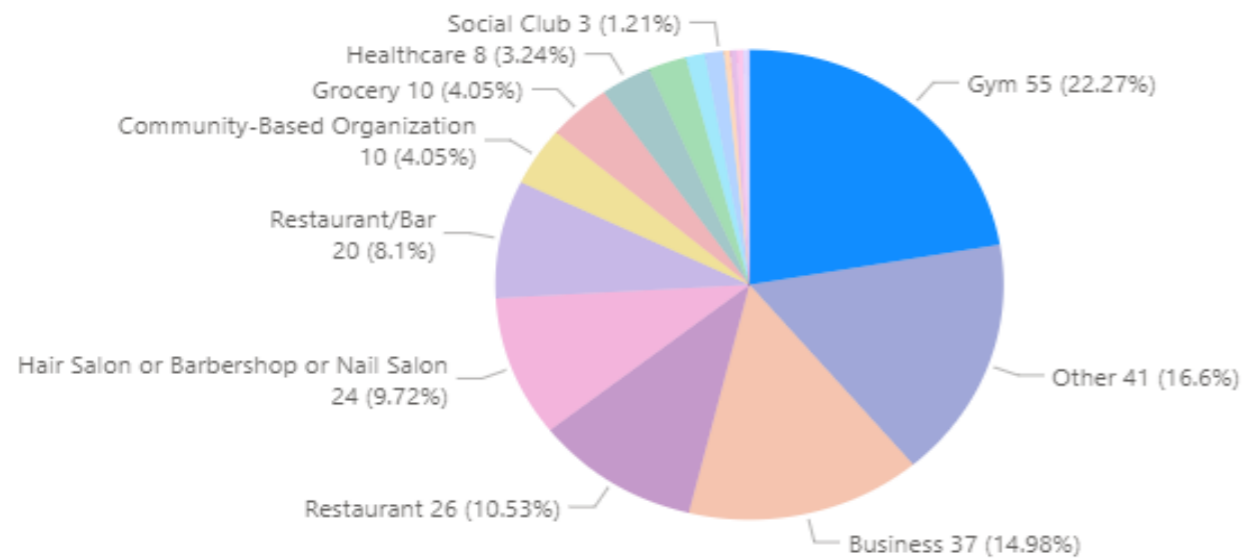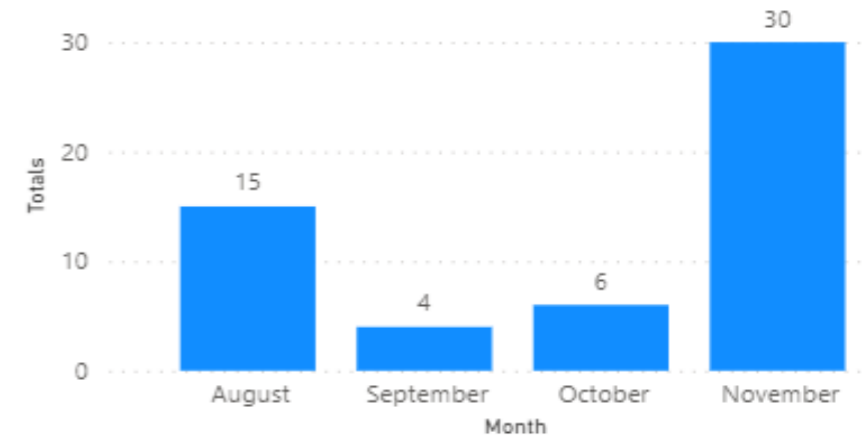
COMPLAINT TYPE

Complaint Type	Totals
no facial coverings	60
indoor facility	56
other	43
Illegal operation	41
not social distancing	34
over capacity	13

COMPLAINT SOURCE

Source	Totals
Email	92
Hotline	87
ACA	49
Internal Referral	18
(Blank)	1

CITY OF CHULA VISTA
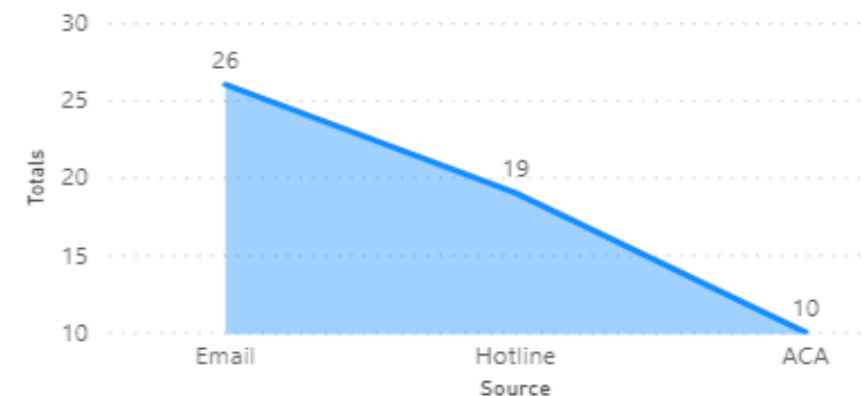
California is Pulling an Emergency Brake

Regions where ICU capacity falls below 15% will be placed into this Stay-at-Home order for 3 weeks.

New Stay-at-Home Order

Regional Stay at Home Order Map

Regional Stay at Home Order goes into effect when a region falls below 15% remaining ICU capacity.

Regions + ICU Capacity Projections

Region	Projected date to fall below 15% ICU Capacity
Bay Area	Mid-Late December
Greater Sacramento	Early December
Northern California	Early December
San Joaquin Valley	Early December
Southern California	Early December

Must Close

Regional Stay-At-Home Order

Sectors that will be temporarily closed when a region is placed into the Stay-At-Home include:

- Bars
- Wineries
- Personal Services
- Hair Salons / Barbershops

New Stay-at-Home Order

May Remain Open With Modifications

Regional Stay-At-Home Order

Sectors that will remain open when a region is placed into the Stay-At-Home, include:

- Schools that have received a waiver
- Critical infrastructure
- Retail (20% capacity to reduce exposure)
- Restaurants (take-out and delivery)

New Stay-at-Home Order

Encouraged to Remain Active

Mental Health is Physical Health

It's important to stay active and connected during these times.

Keep connected with loved ones virtually.

Get outdoors:

- Go to a park
- Go to a beach
- Go on a hike
- Go on a bike ride
- Go fishing
- Do yoga, meditate

- Take your dog on a walk
- Do an outdoor fitness class
- Go on a run with your partner
- Go skiing, snowboarding, sledding

Questions?

www.chulavistaca.gov/coronavirus

@thinkchulavista