



Council Study Session

December 8, 2020

A wide-angle photograph of a beach and ocean, tinted in shades of blue. The ocean is on the left, with gentle waves washing onto the sandy beach on the right. In the distance, a city skyline is visible under a cloudy sky. A prominent building is on the right side of the skyline. The overall mood is serene and coastal.

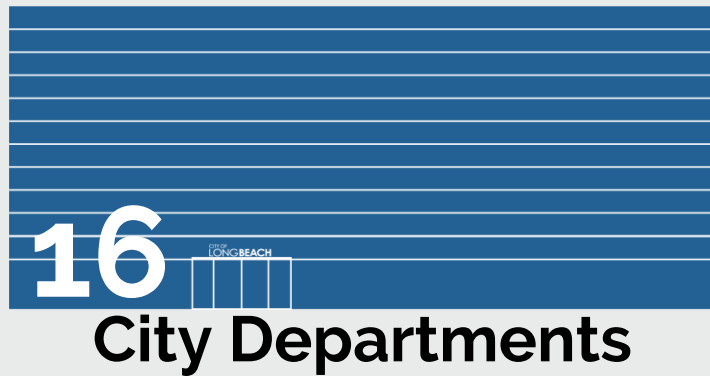
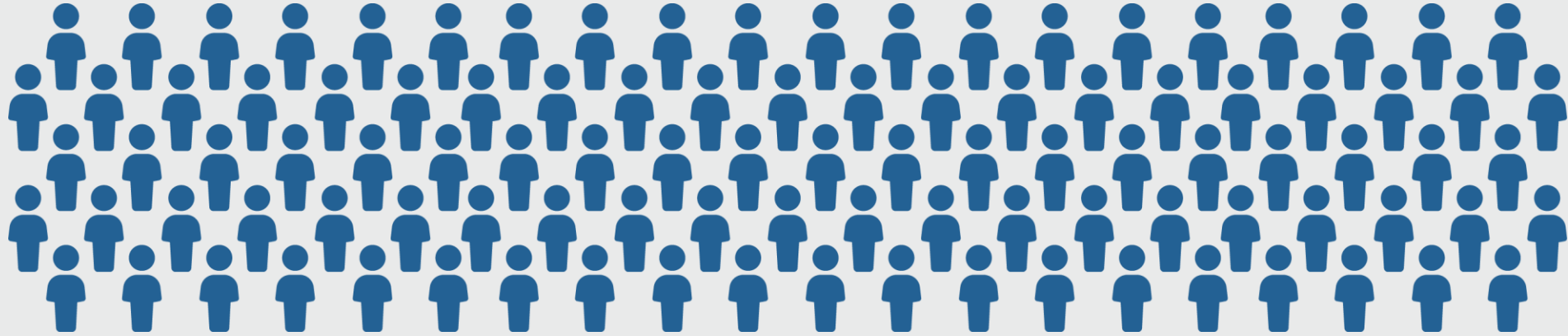
COVID-19

COVID-19 Timeline



EOC Staffing by the Numbers

Over **100** City Employees have been assigned to the EOC



Systems Established

- Implemented 5 drive-through test sites and mobile testing program
- Opened Rapid Assessment Clinic
- Opened Local Distribution Center for PPE storage and distribution
- Established Data team that developed data dashboards for decision making
- Trained an expanded investigation and contact tracing team
- Operated two congregate homeless sites, Project Roomkey and Isolation and Quarantine (IQS) site
- Implemented Venue Task Force for education and enforcement of local businesses
- Implemented Joint Information Center – a coordinated communications response
- Implemented 570-INFO line and Basic Needs line to support residents

Testing Conducted

Total Tests Processed Ever

Lab	# of Tests
Long Beach Health Dept	6,900
Private Labs	155,706
Total	162,606

Total Samples Collected Ever

Testing Site	# of Samples	Currently Operating
LBCC Vet Stadium	71,241	Yes
LBCC PCC	58,562	Yes
Cabrillo HS	26,043	Yes
Jordan Plus	22,841	Yes
Port	7,116	Yes
Mobile Testing	6,953	Yes
St Mary	6,313	No
Jordan HS	5,051	No
Health Dept Drive Thru	2,899	No
Total	207,019	

Total Tests Administered

366,726

Tests Processed + Samples Collected
- Health Dept Drive Thru Samples

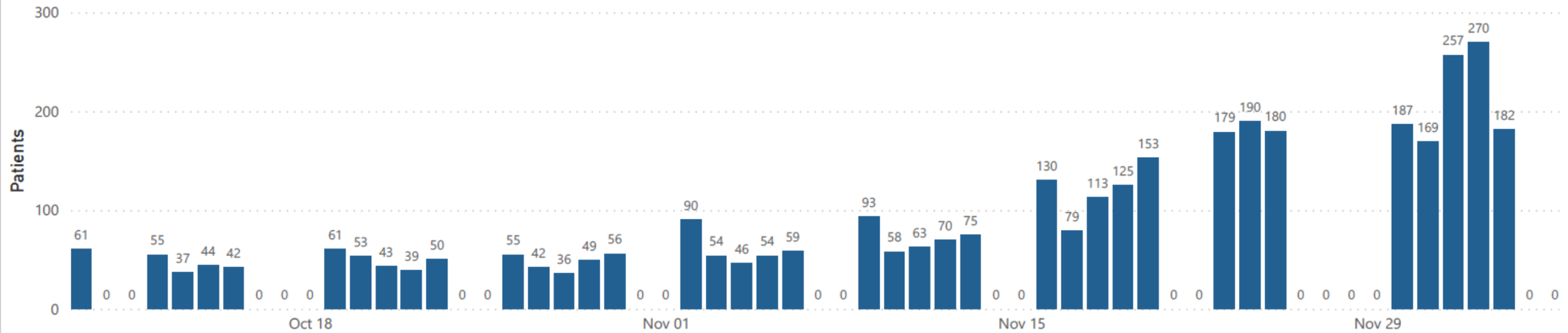
Rapid Assessment Clinic at LBCC-PCC



Total Patients Assessed
Since Inception








3,599

Patients Assessed by Date for Last 60 Days



Local Distribution Center: PPE

Key PPE Stats

	Item	Currently in Inventory	Distributed Ever
	N95 MASKS	493,858	97,557
	SURGICAL MASKS	197,267	123,108
	GOWNS	63,166	66,039
	EYE PRO	58,189	6,603
	SANITIZER	16,636	8,022
	BANDANA	1,769	4,231
	SEWN FACE MASK	1,402	14,301
	Total	832,287	319,861

Total PPE Stats

Total Items Currently
in Inventory

1.57M

Total Items
Distributed Ever

1,081K

Items Distributed Last
Reporting Date

0

Venue Taskforce

Total Inspections

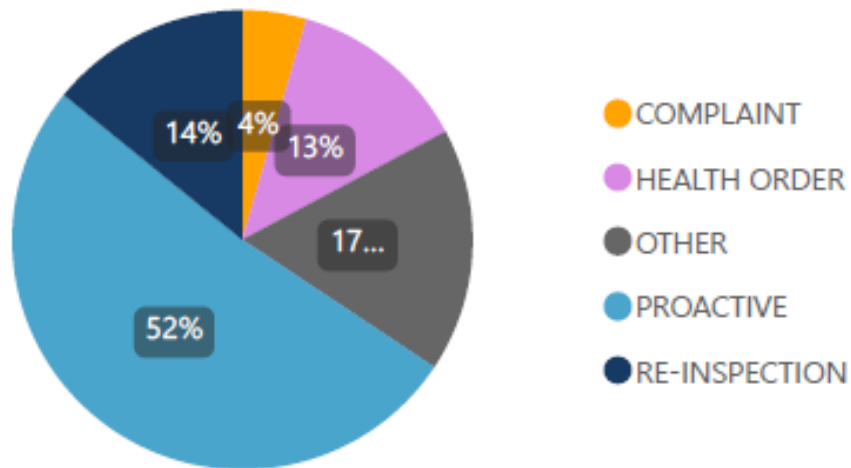
15,149

Including 780 inspections from before tracking began on 4/1/2020

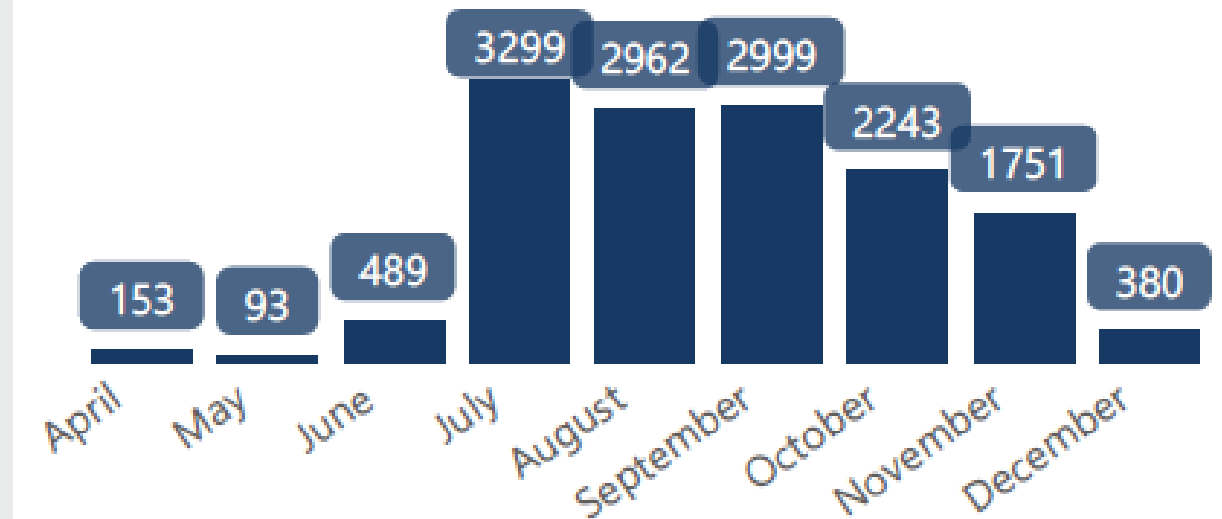
Total Citations

87

Reason for Inspection

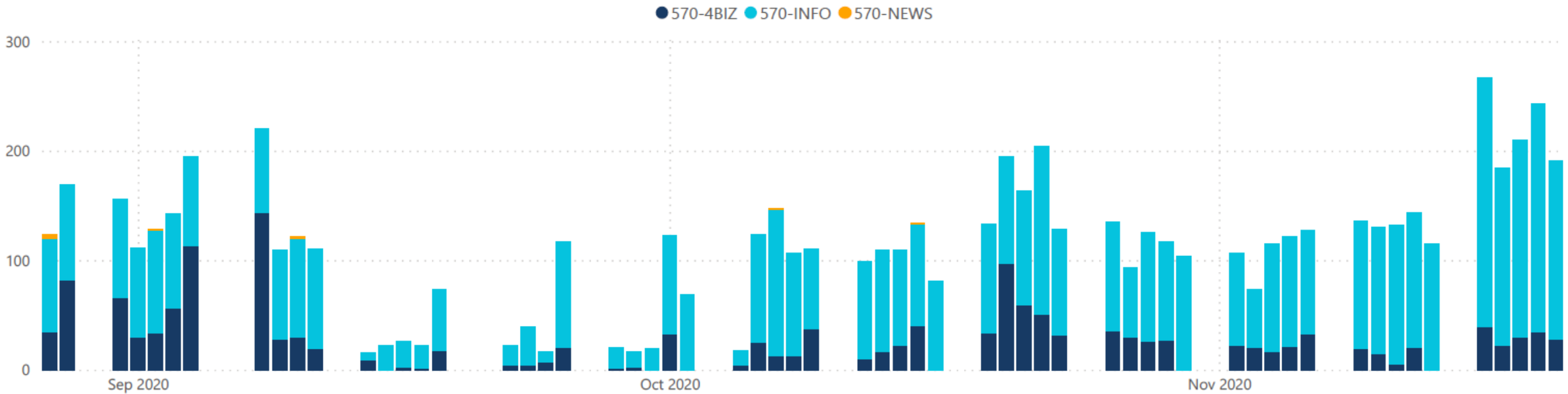


Inspections by Month

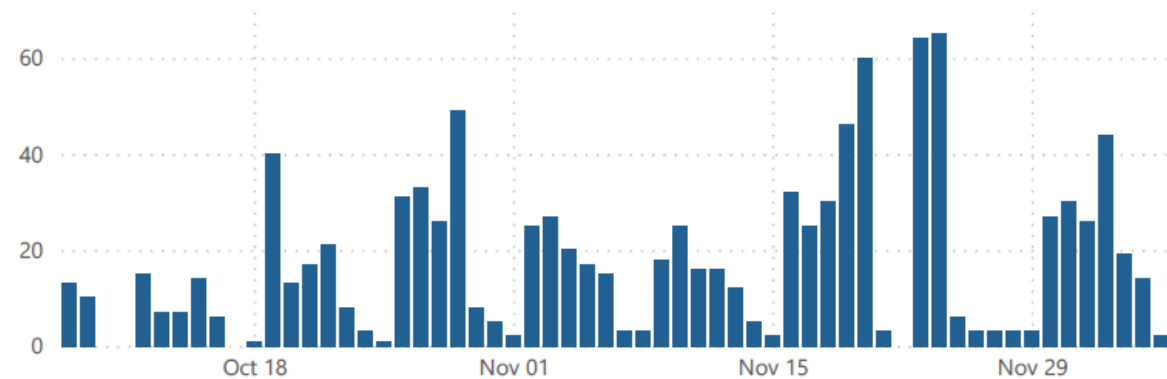


Information Line and Email Volume

Number of Calls by Extension & Date for Last 60 Days



Number of Emails by Date for Last 60 Days (jic@longbeach.gov)



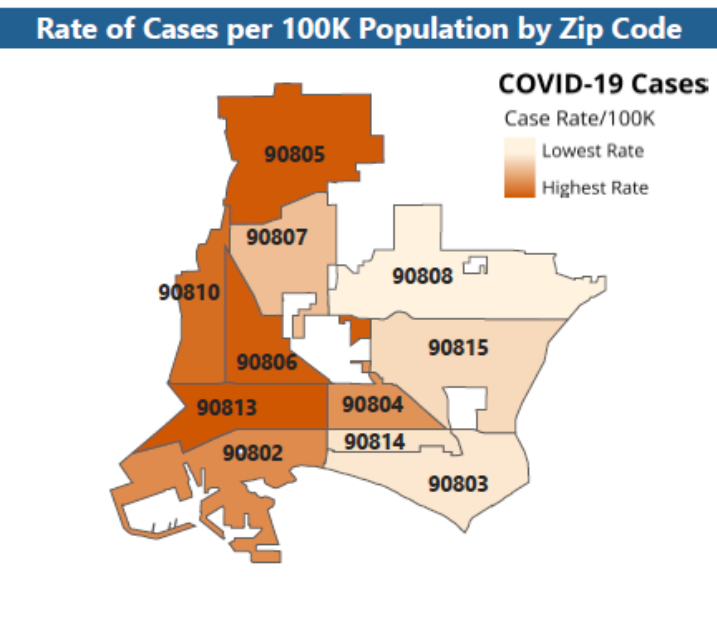
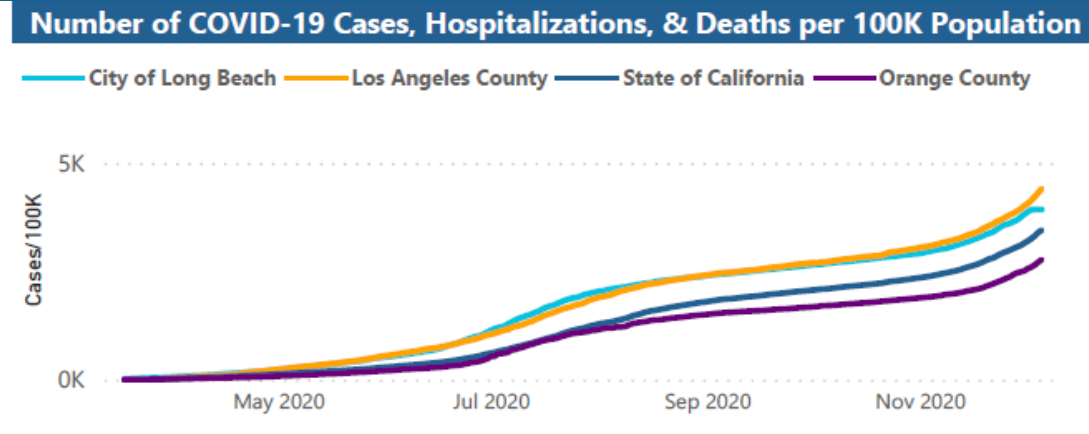
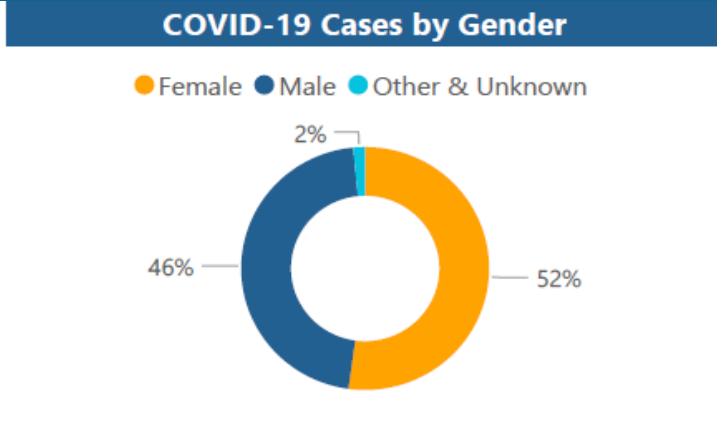
TOTAL CALLS	TOTAL CALLS	TOTAL CALLS	TOTAL EMAILS
6,263	27,981	392	8,072
570-4BIZ	570-INFO	570-NEWS	jic@longbeach.gov

Community support

- Food Distribution
 - More than 550,000 lbs. of food distributed by drive-through and walk-up events
 - 98,413 meals delivered through Great Plates to 510 older adults
- Early Childhood
 - More than 719,000 diapers and 10,000 wipes distributed, serving 21,500 infants and toddlers.
 - 168,000 other items including hand sanitizer, masks, formula and gloves distributed.
- Basic Needs Line
 - More than 1,100 calls to the Basic Needs Line, providing connection to food access, rides to appointments, PPE/Non-food items, medication, financial assistance and mental health supports.

COVID-19 Data: Demographics and Comparison

Total Confirmed Cases	Currently Hospitalized
18,370	79
Total Deaths	Total Recovered
282	15,438

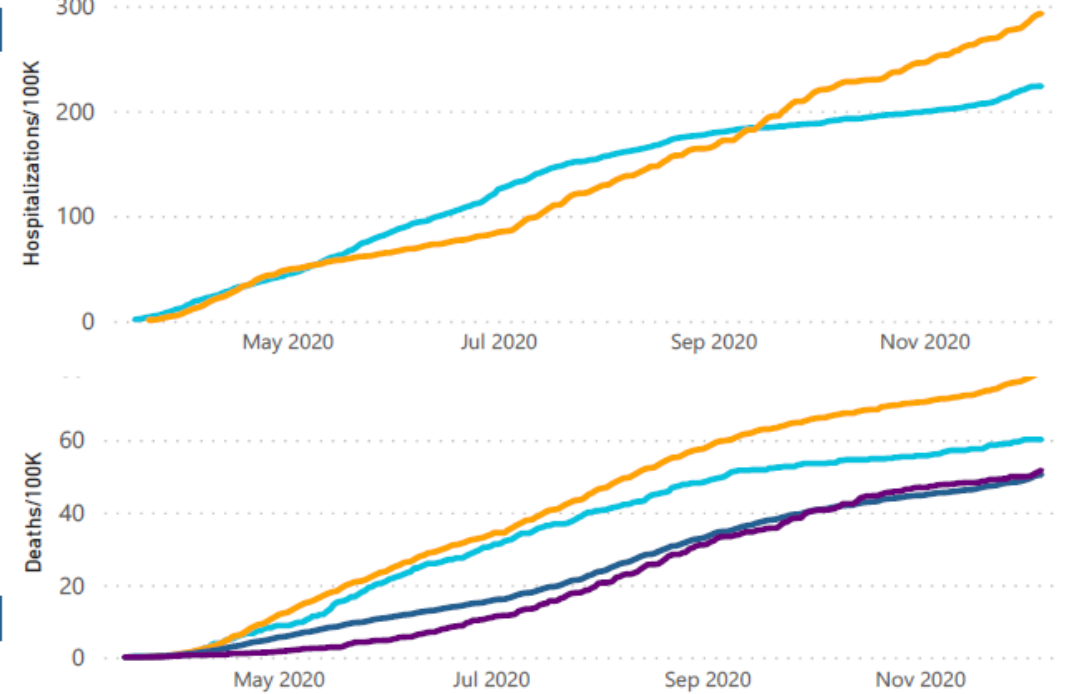


Cases & Rate per 100K

Zip Code	Cases	Cases/100K
90813	2893	4,911
90805	4545	4,860
90806	2033	4,795
90810	1652	4,497
90802	1559	3,962
90804	1541	3,823
90807	957	3,040
90815	1014	2,552
90814	452	2,363
90803	733	2,288
90808	797	2,085

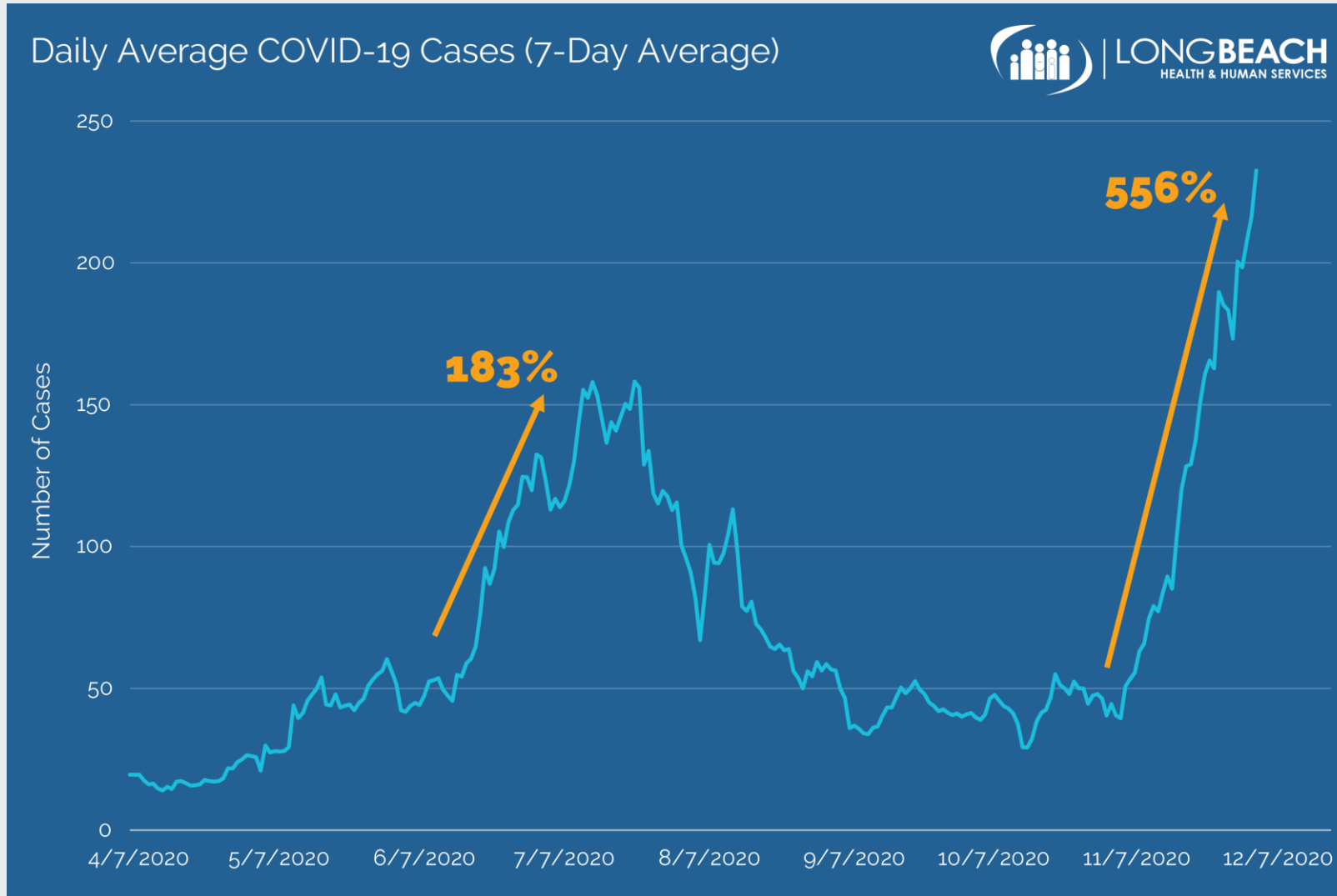
Cases by Age Group

Age Group	Cases	Percent
0-9	814	4%
10-19	1,649	9%
20-29	4,350	24%
30-39	3,591	20%
40-49	2,749	15%
50-59	2,475	13%
60-69	1,432	8%
70-79	763	4%
80-89	408	2%
90+	124	1%



Citywide Cases per 100K Population
3,933

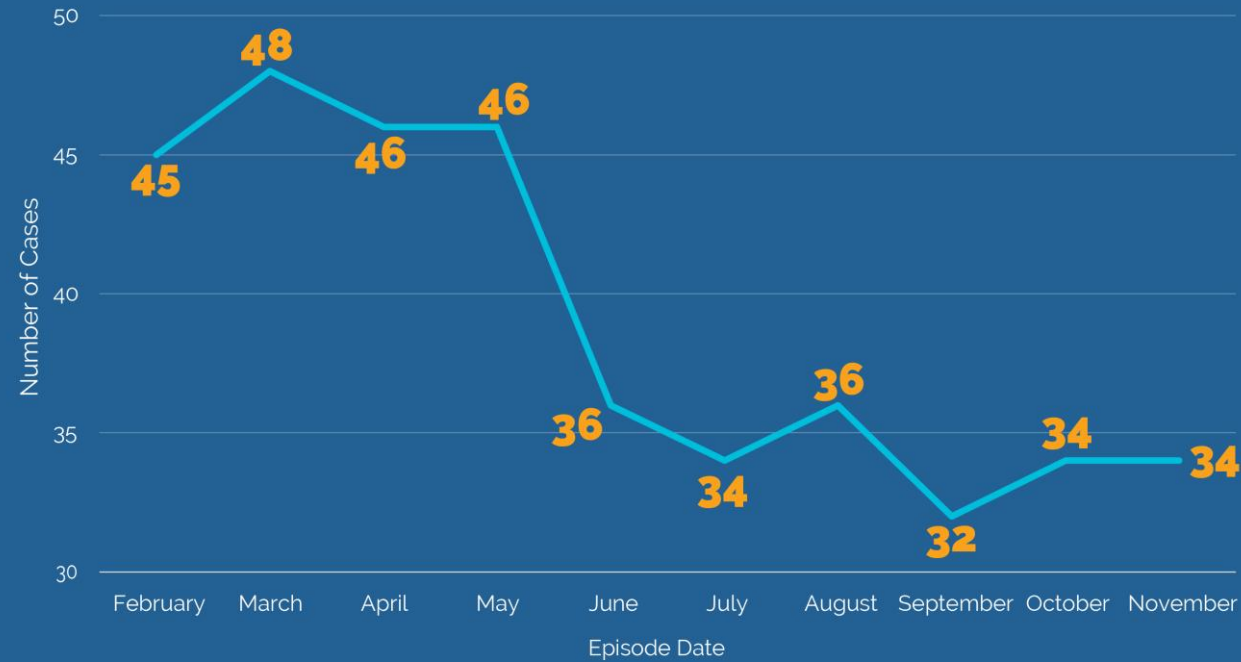
COVID-19 Data: Cases



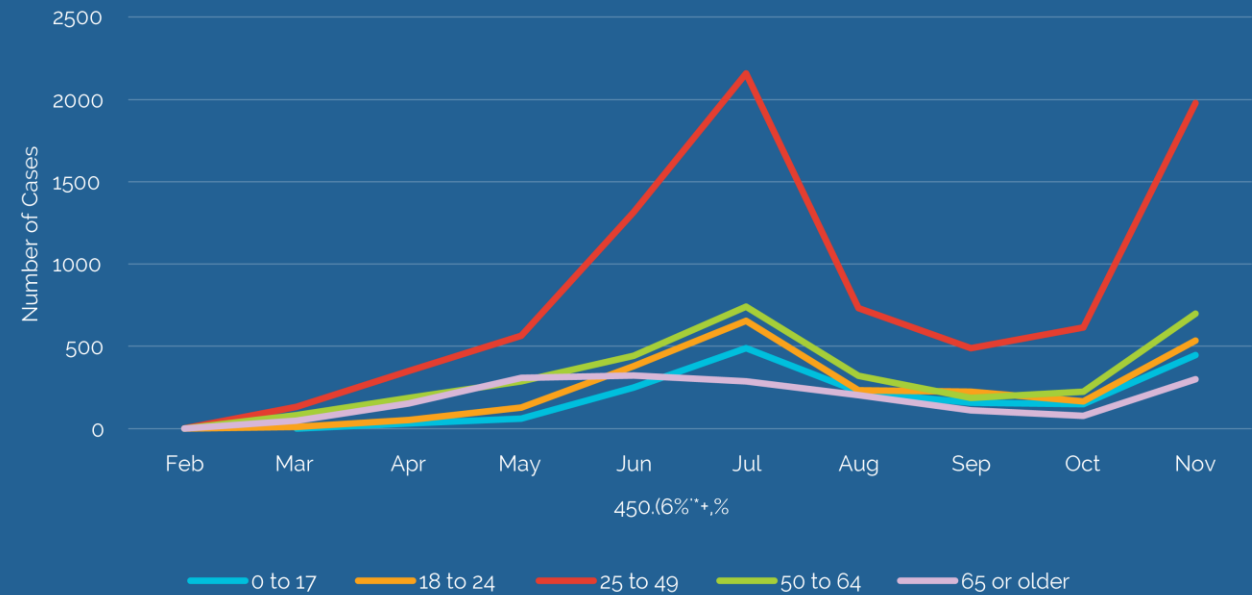
Percent increase of average daily cases reported from November 5 to December 5

COVID-19 Data: Age

Median Age of COVID-19 Cases by Month



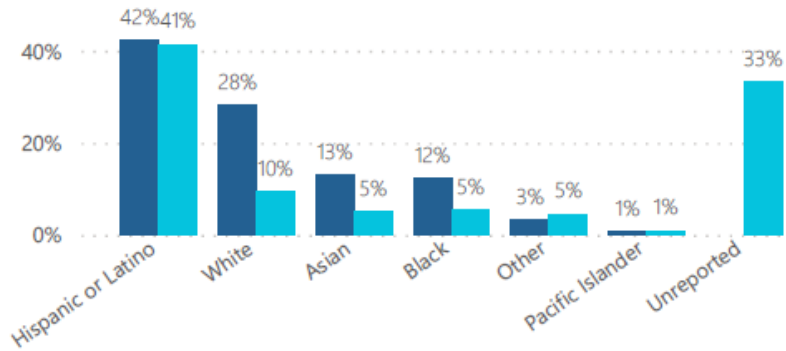
COVID-19 Cases by Age Groups



COVID-19 Data: Race/Ethnicity

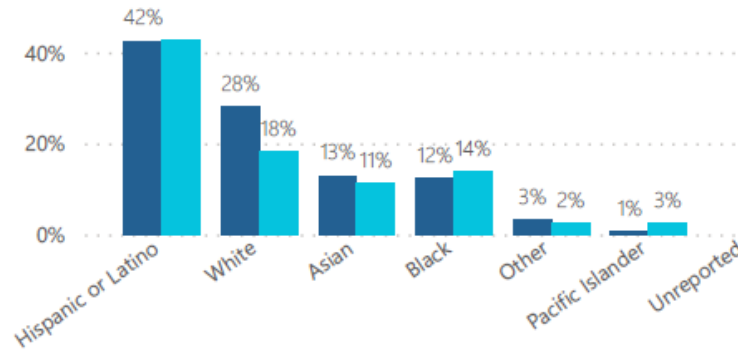
COVID-19 Cases by Ethnicity/Race

● % Population ● % Cases



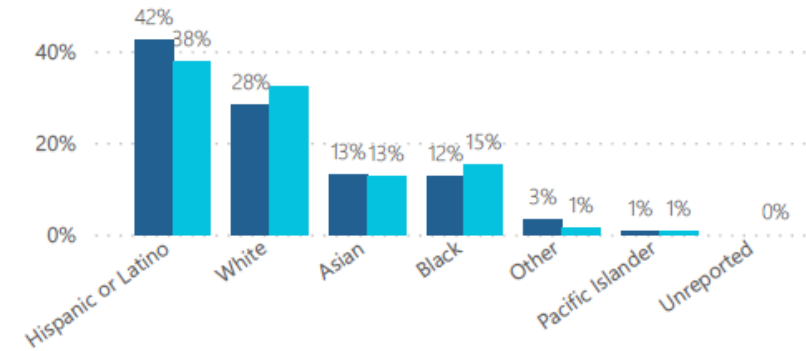
COVID-19 Hospitalizations by Ethnicity/Race

● % Population ● % Hospitalization

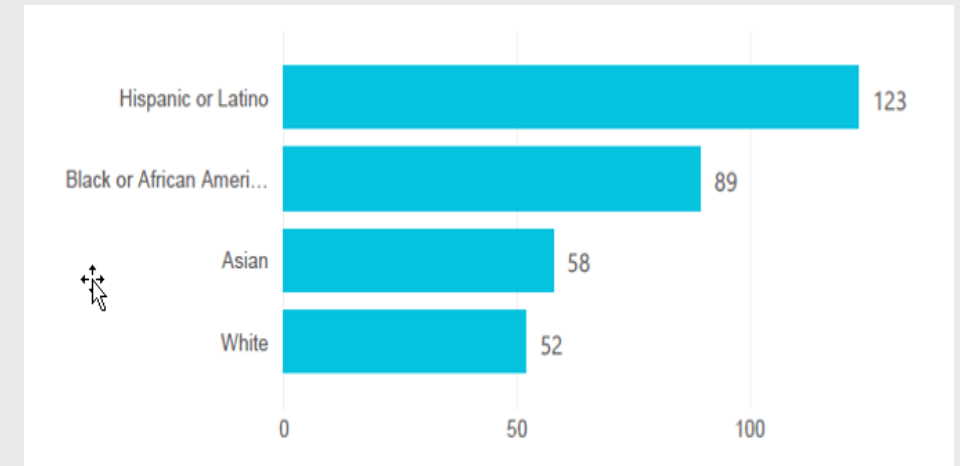
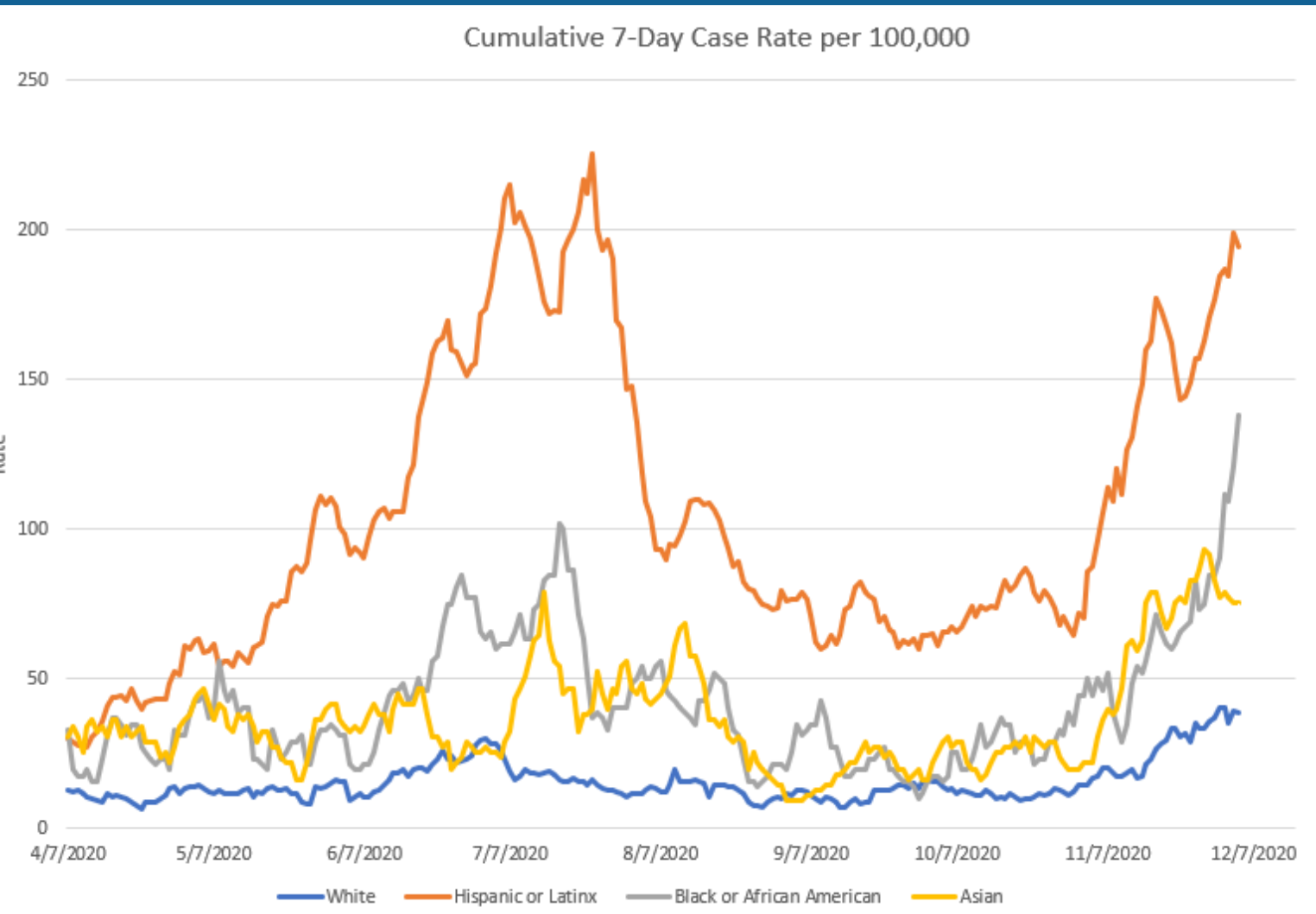


COVID-19 Deaths by Ethnicity/Race

● % Population ● % Deaths



COVID-19 Data: Race/Ethnicity



Age adjusted Mortality Rate by Race and Ethnicity per 100,000

There has been an increase in missing race/ethnicity data due to the surge, and therefore this may underestimate the true rate for each race/ethnicity in recent weeks.

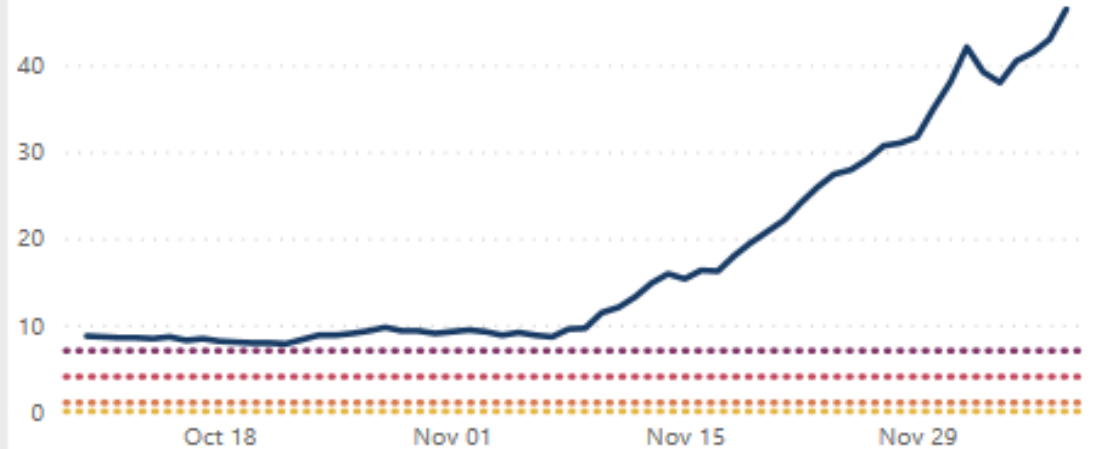
COVID-19 Data: Case Rates (Cont.)

City of Long Beach Case Rate

46.5

Daily new cases (per 100k population)

Long Beach Case Rate Trend Last 60 Days

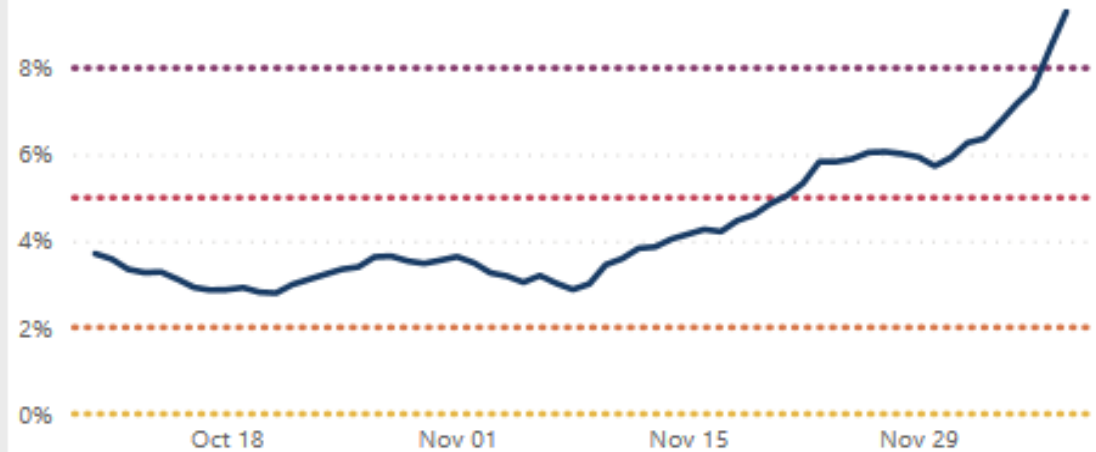


Long Beach Testing Positivity

9.3%

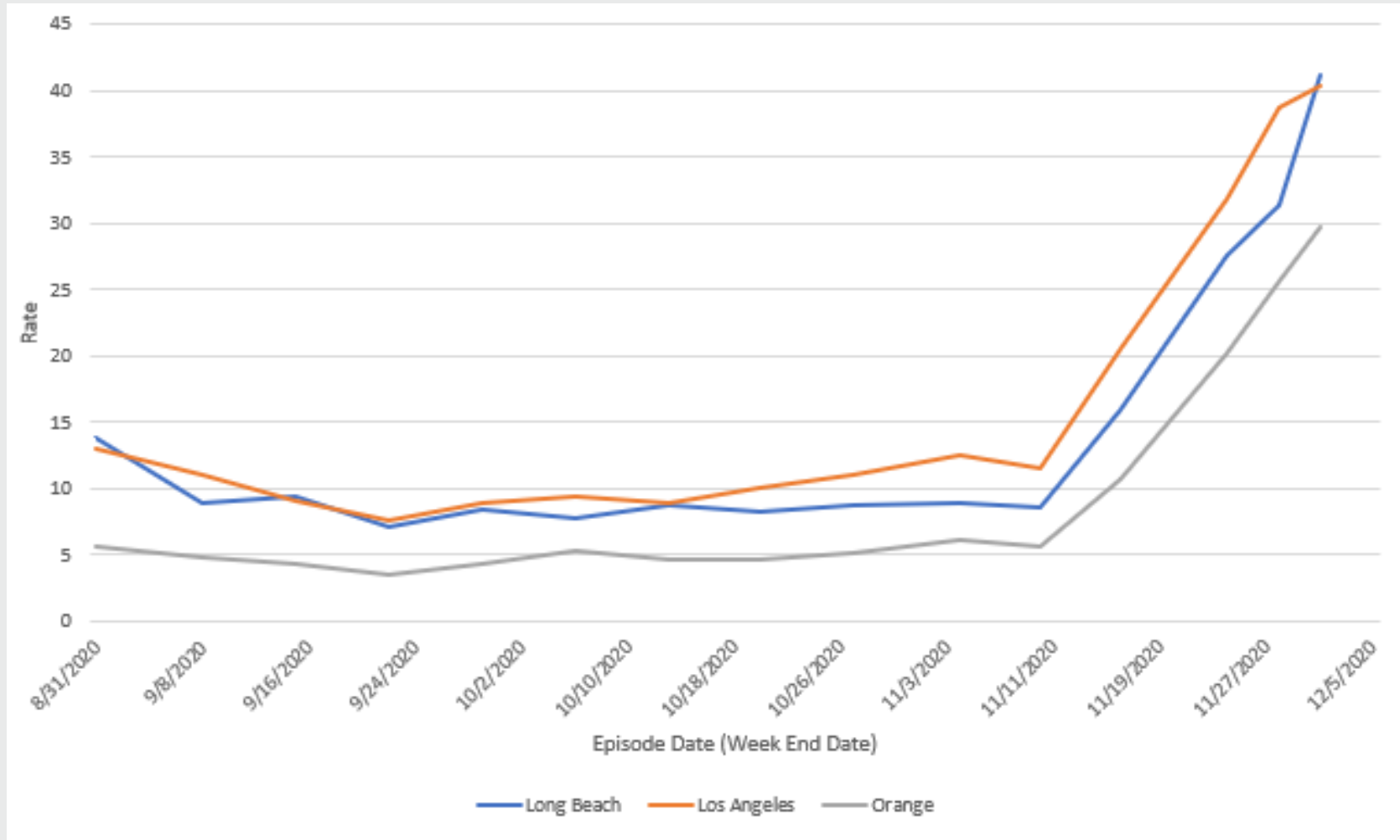
Positive tests

Long Beach Testing Positivity Trend Last 60 Days



COVID-19 Data: Case Rates (Cont.)

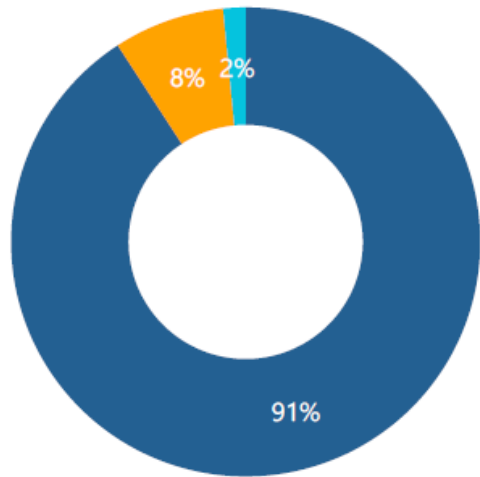
Case Rate trend for LA County, Orange County and Long Beach (per 100,000, unadjusted)



Community v. Long Term Care Facilities

COVID-19 Cases: Community vs. LTCF

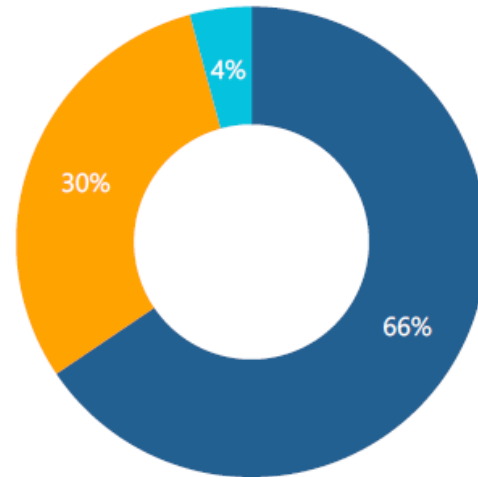
● Community ● LTCF ● Other



Total Cases
18,370

COVID-19 Hospitalizations: Community vs. LT...

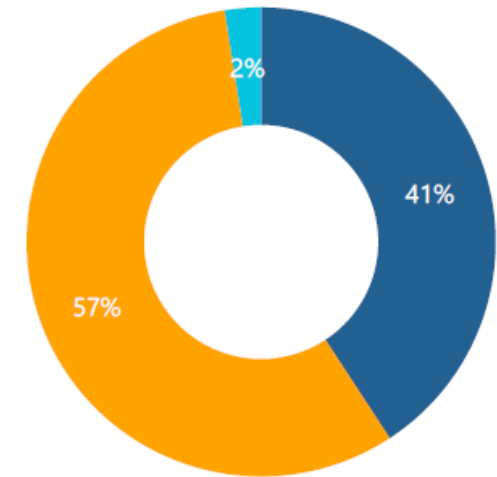
● Community ● LTCF ● Other



Total Hospitalizations
1,045

COVID-19 Deaths: Community vs. LTCF

● Community ● LTCF ● Other



Total Deaths
282

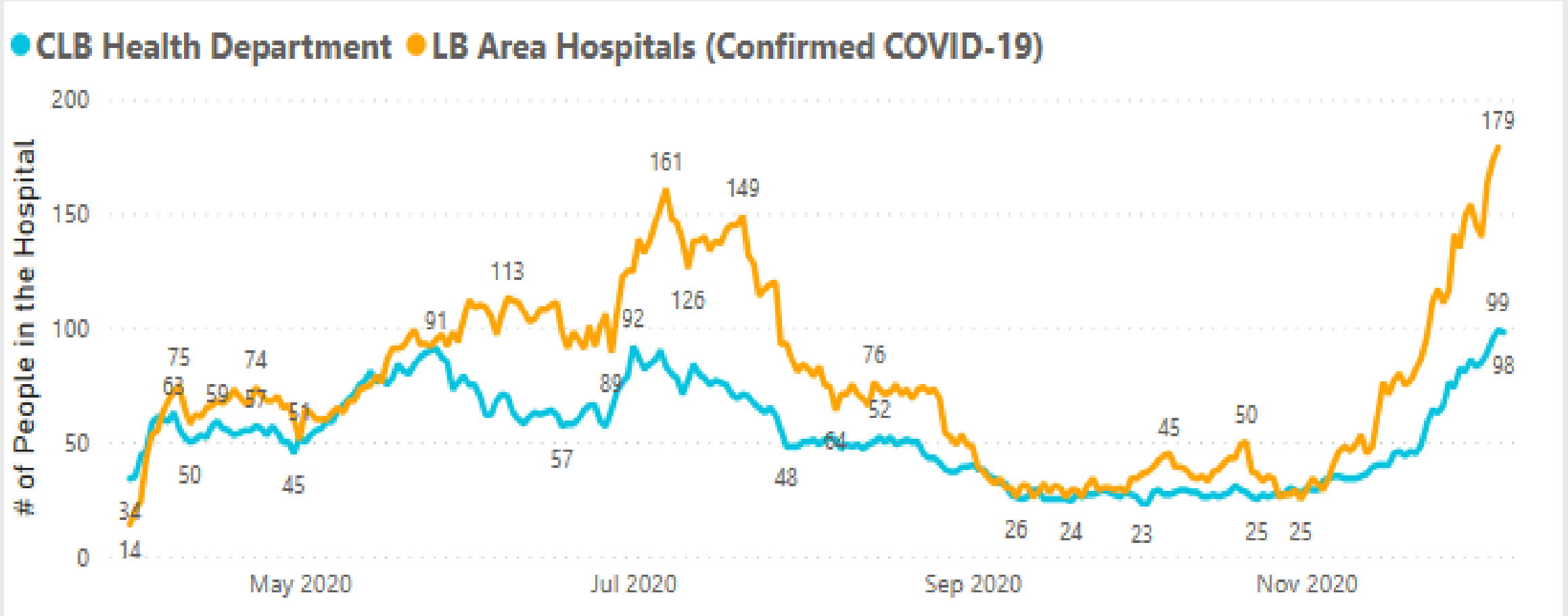
"Other" refers to other congregate settings, which include: Group Homes, Treatment Facilities, Hospital-Based Facilities, Jail, and Other

Hospital Data Tracked

We track multiple factors to determine status of our hospitals:

- Number of Long Beach Residents with COVID
- Total number of patients in Long Beach-area hospitals
- Total bed capacity for staffed beds
- Percent of ICU beds full
- Percent of ventilators in use
- Regional capacities

Hospitalization Trends by Source



Local Area Hospitals: Adult Only Staffed Bed Capacity

	Total Staffed	ICU Beds	Non-ICU Beds	Ventilators	
Los Alamitos	172	17	155	24	
Lakewood Regional	172	31	141	53	
Memorial	411	86	325	109	
St. Mary's	323	40	283	70	
College	221	8	213	10	
Miller Children's	94	0	94	58	
Total	1,393	182	1,211	324	

Local Area Hospital Adult Bed Utilization

Adult ICU Beds
(not surge)

182

Utilization



Adult Non-ICU Beds
(not surge)

1,211

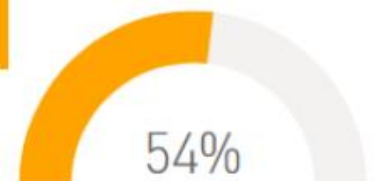
Utilization



Ventilators

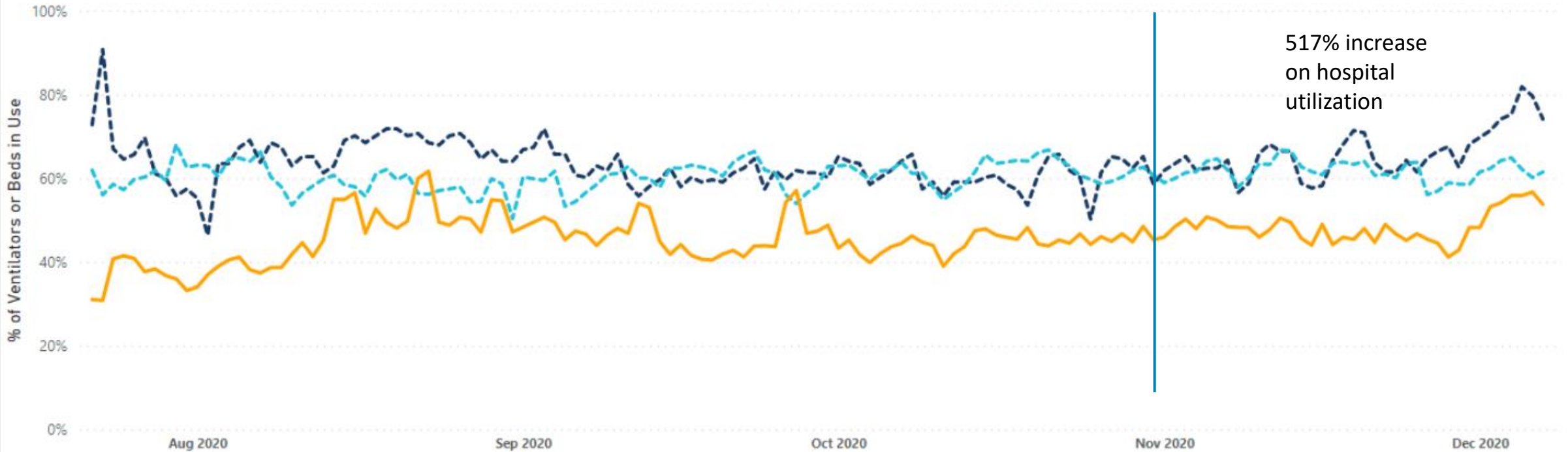
225

Utilization



Adult Bed Utilization by Date Since 7/22/2020

--- % ICU Bed In Use - - - % Non-ICU Bed In Use — % Ventilators in Use



Note: Adult bed data reporting instituted as of 07/22 by the State of CA

Percentage Increases in the #s Watched

Since Nov 1:

- 456% in average daily cases (46 to 256)
- 517% increase in local areas hospitalizations for COVID-19 (29 to 179)
- 196% increase in Long Beach residents hospitalized (33 to 98)
- 338% increase in case rate per 100,000 (9.5 to 41.7)
- 133% increase in positivity rate (3.6 to 8.4)
- 80% of Area Hospital ICU capacity filled (20% capacity)
- 89% of Regional ICU capacity filled (10.1% capacity)

Sample Collection & Capacity

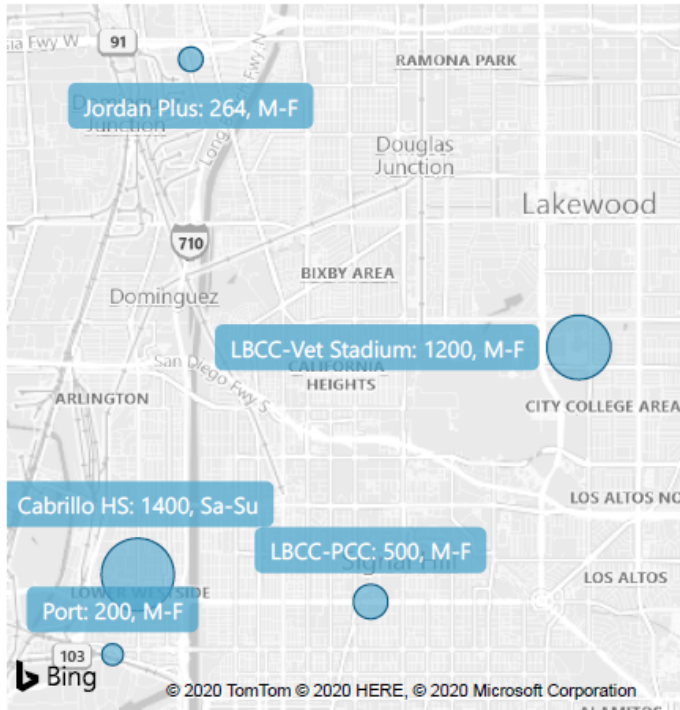
Approximate Appointment Capacity

as of 11/20/2020

Daily: Weekdays Daily: Weekends Weekly Total
2,264 **1,400** **14,120**

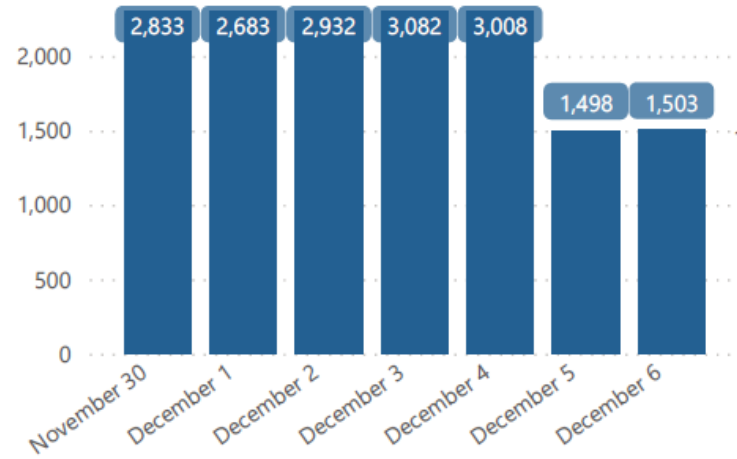
Actual appointment capacity on any given day may vary

Daily Appointment Capacity by Location

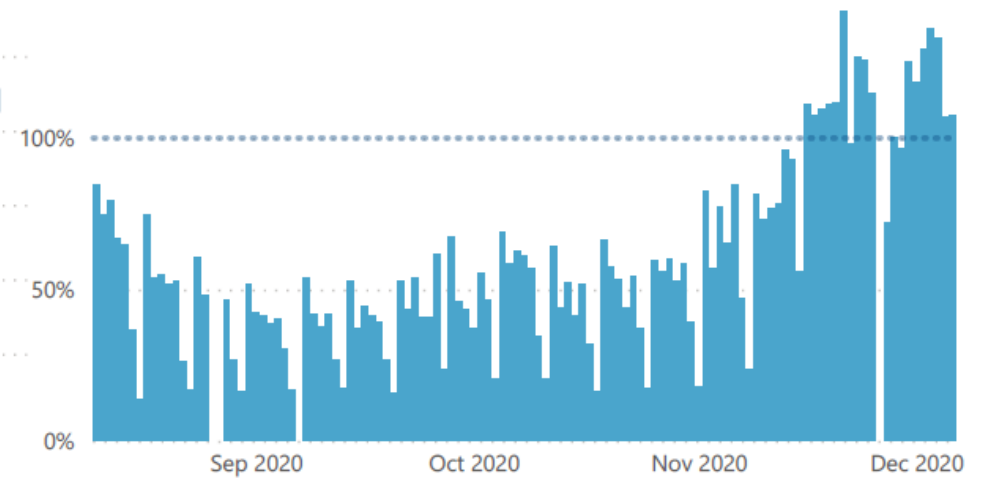


Map does not show mobile testing: ~100 appointments daily M-F

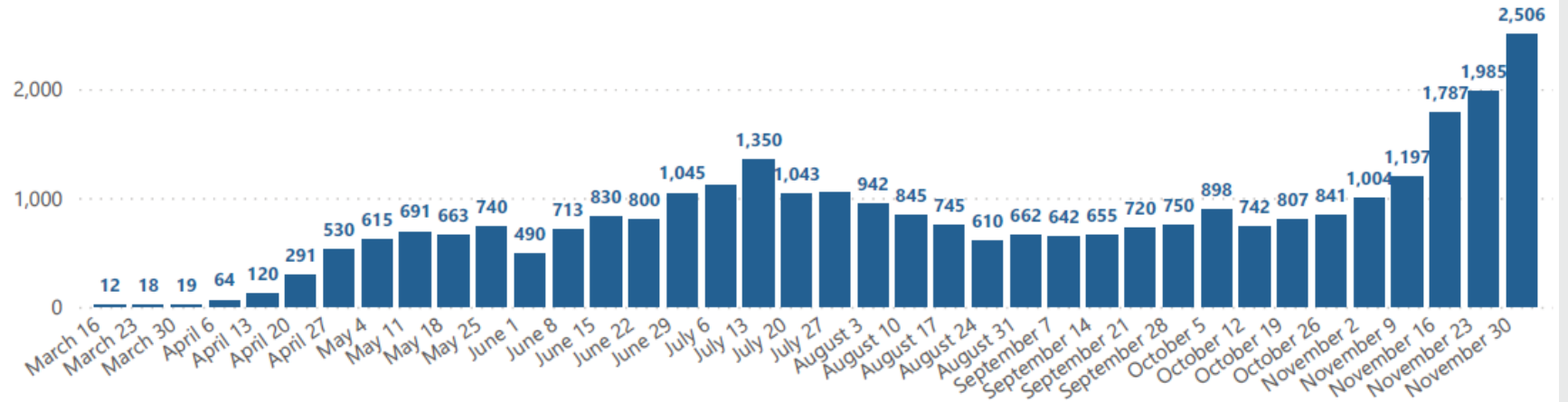
Samples Collected Last 7 Days



Samples Collected vs. Appointment Capacity by Date



Average Daily Samples Collected by Week



Week Started Date (Monday) - Holidays excluded from calculation - Latest week is average-to-date

Causes of Spread

- People being close together—the virus spreads easily to those physically close to you through the air.
- Everything we do in public health is to minimize that interaction
 - Physical distancing
 - Wearing a face covering
 - Not gathering
 - Staying home while sick
 - Not being indoors
 - Ventilation
 - The orders
- Over 50% of exposures come from pre-symptomatic and asymptomatic individuals.

Specific Restaurant concerns

- Cases were rising rapidly in Los Angeles County and Long Beach. We sought to minimize interactions between people who weren't wearing a mask.
- Restaurants were one of the only business sectors where taking off your mask is necessary and permitted. It is considered higher risk than other sectors.
- CDC Study found that those testing positive were twice as likely as those testing negative to have eaten on-site at a restaurant, coffee shop or bar. Other business sectors did not have this level of impact.
- 23% of restaurants received COVID-related complaints (including fast food and pick-up only).
- 70% of restaurants with outdoor permitted parklets received complaints. 48% had more than one complaint.
- While Long Beach's numbers were substantially similar to LAC (near 40/100,000), Pasadena's case rate was significantly lower (23/100,000), so they did not close outdoor in-person dining until the Regional Stay at Home Order went into effect.

Contact Tracing and Surveillance

- Prior to Pandemic: 5 surveillance staff.
- Surveillance team grew to 61 people, approximately 50 of were reassignments from other city departments.
- Almost half were called back when cases slowed, team has been operating at 38.
- Currently recalling contact tracers.
- Designed and implemented application where people can report their contacts. Approximately 20% of people enter some information.
- Investigated 14,021 cases; monitored over 3,554 contacts identified through CT.
- Approximately 63% of people completed an interview and 20% provided a contact.
- Also responded to outbreaks in 81 skilled nursing facilities and congregate living sites.

Contact Tracing and Surveillance

- In epidemiology, contact tracing is very useful to specifically pinpoint root cases (e.g., a single restaurant or food source outbreak or a single event).
- Once community spread occurs, it is very difficult to identify exact origin.
- Only 20% of people provide information on their contacts. Many do not disclose what kind of gathering they attended during their infections period.
- Scientific and surveillance data point to gatherings, whether it is in homes, in public or in restaurants.
- Contact tracing is a statewide and national challenge – there are insufficient resources which hamper the ability to pinpoint every transmission.
- The Surveillance Team has worked with thousands of Long Beach residents to answer their questions, help with isolation and quarantine guidance, work with their place of employment when needed, and connect them to services.

Updated Orders

- November 21 - the State Health Officer issued a Limited Stay-At-Home Order requiring non-essential activities to stop between 10pm to 5am for purple tier counties.
- November 23 - LB implemented the closure of in-person dining and required non-essential activities to stop between 10pm to 5am.
- December 2 - LB banned gatherings involving more than one household, except for religious services and protests, which are constitutionally protected rights.
- December 3 - the State Health Officer issued a health order implementing a Regional Stay At Home Order whenever a region's ICU bed capacity dropped below 15%.
- December 6 - LB issued a health order to implement the State's 12-3-20 Regional Safer at Home Order because the Southern California Region dropped below 15% ICU capacity.

Stay at Home Order

- State issued Regional Stay at Home Health Order
 - State is being divided into five regions for monitoring Intensive Care Unit (ICU) hospital capacity moving forward.
 - When a region's ICU capacity falls below 15%, the new stay-at-home order will be implemented for a period of at least three weeks.
- Long Beach belongs to the Southern California region, which includes Los Angeles County and Pasadena, Imperial, Inyo, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura counties.
- Southern California met this threshold on Friday 12/4 at (13.1%) ICU capacity. Current number for ICU capacity in the region is 10.1%. Long Beach local area hospitals are at 18%.

Stay At Home Order

Stay At Home Order Implemented 11:59 pm on 12/6/20

- Personal care services, hair salons and barbershops, limited services, playgrounds and family entertainment centers are closed.
- All in-person dining is closed throughout the region.
- Critical infrastructure may remain open, as may schools that have previously received a waiver.
- Retail businesses will be allowed to operate at 20% capacity, grocery at 35% and restaurants will remain open for take-out and delivery only.
- All non-essential travel will be temporarily restricted statewide.
- Gatherings are prohibited.
- Curfew is in place from 10 pm to 5 am.



CARES Act

CARES Act: Support for our Communities

Staff's recommendations for CARES Act funding were organized in three areas:

- City costs in response to the pandemic.....\$19,380,494
- Community and resident support.....\$14,400,000
- Business and economic resiliency support.....\$6,750,000

CARES Act: Accomplishments

- Open Streets Initiative: 107 temporary parklet locations serving 123 businesses, 14 neighborhood open streets, and a full closure of Pine Avenue.
- Small Business and Non-Profit PPE Distribution: 1052 businesses and 7,126 employees served.
- Infant and Toddler Emergency Supplies: diapers, wipes, formula distributed every Friday since 11/6.
- Older Adults: Providing 8 free taxi rides to seniors for access to medical appointments and other essential trips.
- Housing conditions: Providing home repairs to 30 low-income households to address housing issues impacting COVID.
- Youth Programming: Mobile recreation program.
- Arts Organization Grants: Accepting applications; 21 artists and 19 art organizations have applied.
- Digital Inclusion: Program started on 11/2.

CARES Act: Accomplishments

- Small Business Transition and Technology Grants: 314 approved applications for \$1.63 million committed.
- Non-Profit Relief Grants: \$525k to 66 organizations
- Non-Profit Service Grants: \$745k to 16 organizations
- Early Childhood Supports: Distributed 2,000 development supply kits & 1,000 more upcoming; released grant opportunity to reimburse childcare providers for costs related to meeting COVID guidelines; childcare subsidies to support parents.
- Food Security: Meal and grocery delivery; large scale food distribution.
- Black Health Equity: Funded 9 providers in the community to provide mental health services; funding 36 Black-serving non-profit organizations and microbusinesses.
- Mental Health: Mental Health campaign in design.
- AND MUCH MORE!



COVID-19 Council Study Session

December 8, 2020