Eric Garcetti
@MayorOfLA

DAILY LOS ANGELES

COVID-19 Data Summary

Response Day 257
Tuesday November 24, 2020

Prepared by
City of Los Angeles, Mayor Garcetti's Innovation Team

INDEX

- Data Snapshot
- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
- Testing
- Hospitalizations
- Mayor’s Office Initiatives
- Economic Analysis

COVID-19 DATA SUMMARY

Data Snapshot

LOS ANGELES COUNTY UPDATE

COVID-19 Los Angeles County New Cases and Hospitalizations, 5-Day Average
As of November 24, 2020

Key Takeaways:
LA County has established thresholds for additional actions if cases or hospitalizations continue to increase:

Threshold 1

Cases (5-day avg):	4,000
Total Hospitalizations:	1,750

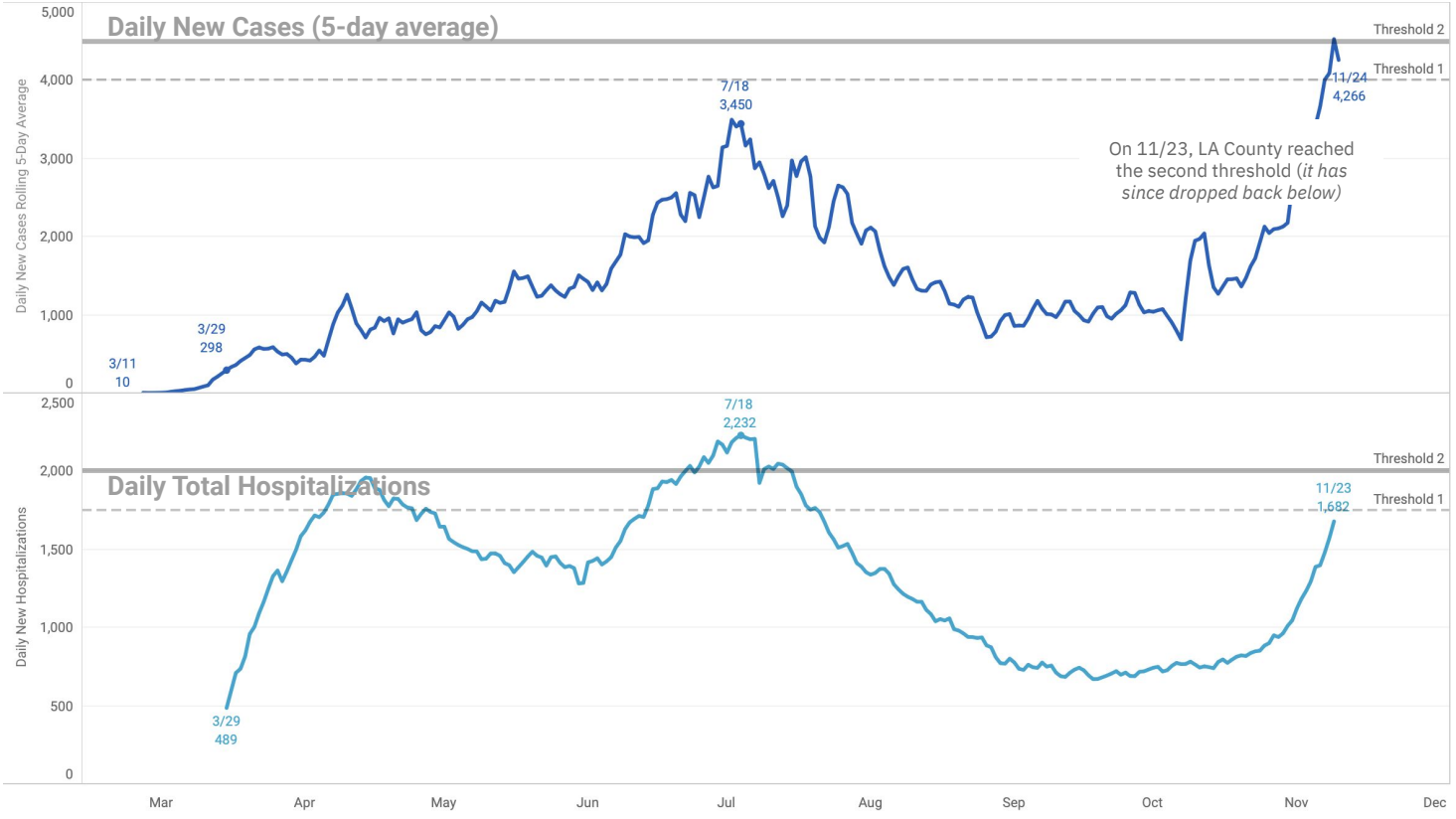
Outdoor and indoor dining at restaurants, breweries, wineries and bars will be prohibited and these businesses will only be able to offer pick-up and delivery.

Threshold 2

Cases (5-day avg):	4,500
Total Hospitalizations:	2,000

A Safer at Home Order will be instituted for three weeks.

A 10:00 p.m. to 6:00 a.m. curfew would be mandated, with essential workers exempt.



New Cases (5-Day Rolling Average)
Total Hospitalizations

Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

STATE REOPENING METRICS

New reopening metrics and tier assignment were previously announced on Tuesdays. On November 16, the State announced that they may start reporting metrics more frequently and on days on than Tuesdays.

All metrics are evaluated on a 7-day lag

New COVID-19 positive cases per 100K
7-Day average new positive cases per 100K residents

Adjusted case rate for tier assignment
An adjustment factor for counties that are testing above or below the state average. This adjusted rate is used for "new case" metric rather than the raw case rate

Positivity Rate
7-day average of positive lab- confirmed COVID-19 cases divided by total tests

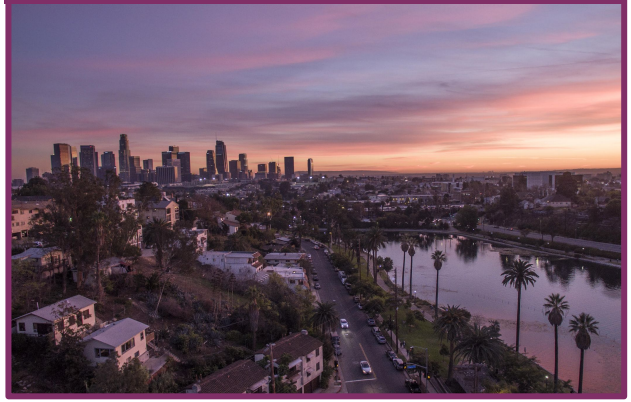
Health Equity Metric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts. *California has not released new equity metrics since 11/10

Source: California Department of Public Health

METRICS As of Nov 24 2020, 1 PM	REPORTING DATE	RATE	% DIFF VS LAST WEEK	LAST WEEK REPORTING DATE	LAST WEEK RATE
New COVID-19 positive cases per 100K	11/24	31.9	+54.9%	11/16	20.6
Adjusted case rate for tier assignment	11/24	16.0	+16.8%	11/16	13.7
Positivity Rate	11/24	6.6%	+1.3% *(% Point Difference)*	11/16	5.3%
Health Equity Metric (starting 10/6)*	11/10	6.5%	-0.3% *(% Point Difference)*	11/4	6.8%

County risk level	New cases	positive tests
WIDESPREAD Many 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 indoor business operations are open with modifications	1 - 3.9 daily new cases (per 100k)	2 - 4.9% positive tests
MINIMAL Most indoor business operations are open with modifications	Less than 1 daily new cases (per 100k)	Less than 2% positive tests

CURRENT LOS ANGELES COUNTY RISK LEVEL: ***WIDESPREAD***



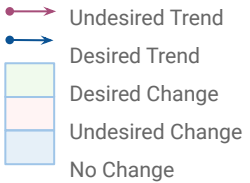
LOS ANGELES COUNTY KEY METRICS

Key Takeaways:

The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases, New Deaths** (vs last week), **7-Day COVID Positive Test Rate** (vs last week), **New Hospitalizations**, **Acute Care Bed Capacity** (vs baseline), **ICU Bed Capacity**, and **Unemployment Insurance Claims**

The following metrics have seen **desirable** movement over the past seven days: **New Deaths** (vs baseline), **7-Day COVID Positive Test Rate** (vs baseline)**, Acute Care Bed Capacity** (vs last week), and **LA City Crime**

**Unless otherwise noted, the baseline period is the week of 4/18/20-4/24/20, our highest week in the month of April, first full month of reporting on record*
**As of 11/22/20*
***As of 11/17/20*



Source: Los Angeles County Department of Health, COVID Tracking Project

Prepared by Mayor's Innovation Team

METRICS As of Nov 24, 2020, 1 PM	TODAY'S AVERAGES	CURRENT TREND VS LAST WEEK	% CHANGE VS LAST WEEK	CURRENT TREND VS BASELINE	% CHANGE VS BASELINE
New Cases (7-day avg.)	**4,329** (7-day avg)		+58.6%		+315.1%
New Deaths (7-day avg.)	**29** (7-day avg)		+82.0%		-42.9%
COVID 7-Day Positive Test Rate (as of 2 days ago)	**6.9%** (overall)		+1.0%		-4.7% COVID+ Test Rate is % Point Difference w/ baseline
New Hospitalizations (7-day avg)*	**195** (7-day avg)		+53%		+25.7%
Acute Care Bed Capacity (7-day avg)**	**559** (7-day avg)		+0.9%		-49.9%
ICU Bed Capacity (7-day avg)**	**105** (7-day avg)		-11.7%		-56.6%
LA City Crime (7-day avg) baseline = 2019 YTD	**412 daily crimes** (7-day avg) as of 11/14/2020		-13.4%		-30.1%
LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week	**4,750** as of 11/7/2020		+10.9%		+197%

LOS ANGELES

3,692	51
New Cases	New Deaths
374,134	7497
Total Cases	Total Deaths

GLOBAL

571,437	11,212
New Cases	New Deaths
59.5M	1.4M
Total Cases	Total Deaths

CALIFORNIA

15,329	43
New Cases	New Deaths
1.13M	18,769
Total Cases	Total Deaths

UNITED STATES

187,414	1,732
New Cases	New Deaths
12.5M	258.8K
Total Cases	Total Deaths

L.A. TESTING UPDATES

29.3K	38K	2.33M	10
City Tests (Tests Performed Since Last Report)	Available City Testing Capacity Today	City Tests Since 3/20	Total City Sites Available Today

BEDS

729	603	126	1,202
Total Beds	Acute Care	ICU Beds	Ventilators

*CA's death total on 11/24 does not include new LA County deaths

HOTLINE SERVICES

189	3,000	3.4 *mins*
COVID-related 311 calls	Non-COVID related 311 calls	Average wait

COVID RELATED CALL THEMES - 11/23

- Testing
- Rent help
- Reporting violations

HOSPITALIZATIONS

238	1,682	28.5K
New Hospitalizations	Current Hospitalizations	Total Hospitalizations

Sources: Los Angeles County Department of Health, HAvBED, City of Los Angeles, Johns Hopkins University

COVID-19 DATA SUMMARY

United States Update

COVID-19 US Cases - Per Capita State Comparisons (Total Cases)

As of November 24, 2020, 3:00 PM

California again has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the Southwest as well. The top five states, based on overall cases include:

#1: 1,125.7K cases in **California (+15.3K) - 2845** per 100K
18.8K deaths in **California (+43) - 47.4** per 100K

#2: 1,115.4K cases in **Texas (+14.4K) - 3886** per 100K
20.8K deaths in **Texas (+162) - 72.3** per 100K

#3: 938.8K cases in **Florida (+8.1K) - 4407** per 100K
18.4K deaths in **Florida (+73) - 86.3** per 100K

#4: 674.1K cases in **Illinois (+9.5K) - 5290** per 100K
12.3K deaths in **Illinois (+150) - 96.2** per 100K

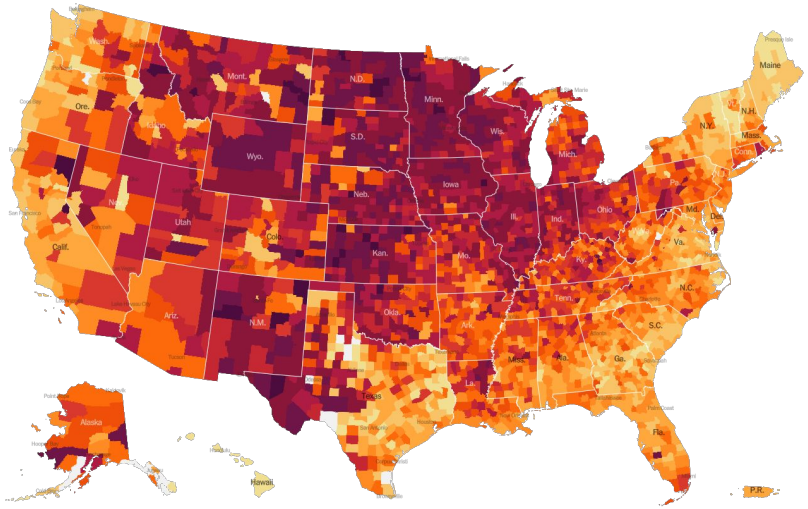
#5: 607.0K cases in **New York State (+4.9K) - 3106** per 100K
26.4K deaths in **New York State (+51) - 135.3** per 100K

Rounding out the top ten are:
Georgia, Wisconsin, Ohio, Michigan, Tennessee

California ranks ...
#1 in Cases
#42 in Cases per 100K

#3 in Deaths
#37 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project



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#3: 674.1K cases in **Illinois (+9.5K) - 5290** per 100K
12.3K deaths in **Illinois (+150) - 96.2** per 100K

#4: 371.9K cases in **Ohio (+8.6K) - 3181** per 100K
6.1K deaths in **Ohio (+98) - 52.3** per 100K

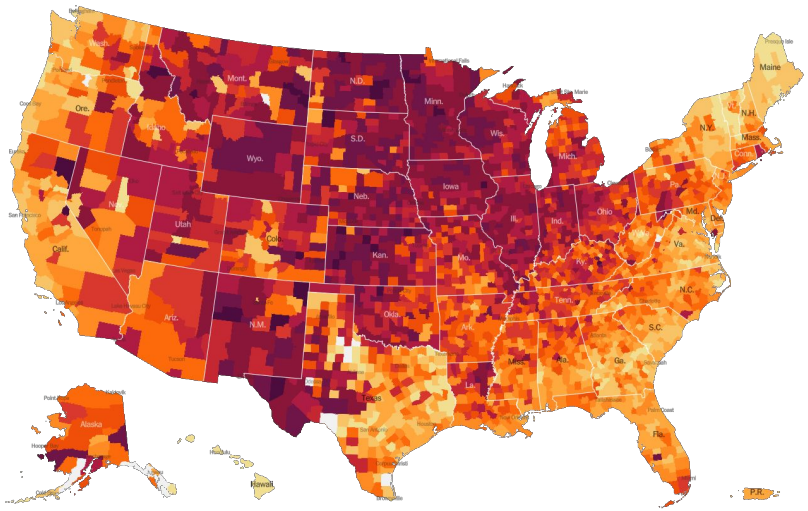
#5: 938.8K cases in **Florida (+8.1K) - 4407** per 100K
18.4K deaths in **Florida (+73) - 86.3** per 100K

Rounding out the top ten are: **Michigan, Wisconsin, Pennsylvania, Minnesota, Washington State**

California ranks ...
#1 in Cases
#42 in Cases per 100K

#3 in Deaths
#37 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project



CA's new deaths/total for 11/13 do not include Los Angeles County
Although many outlets have reported CA crossing the 1M threshold, CA's officially reported numbers are slightly below.

COVID-19 US Cases - Per Capita County Comparison (Counties >=100K ppl)

As of November 23, 2020, 8:00 PM • One-day lag

Top 5 per capita (per 100K) cases by County:

Potter, Texas (Amarillo): 10,023 cases per 100K
(11,768 total cases)

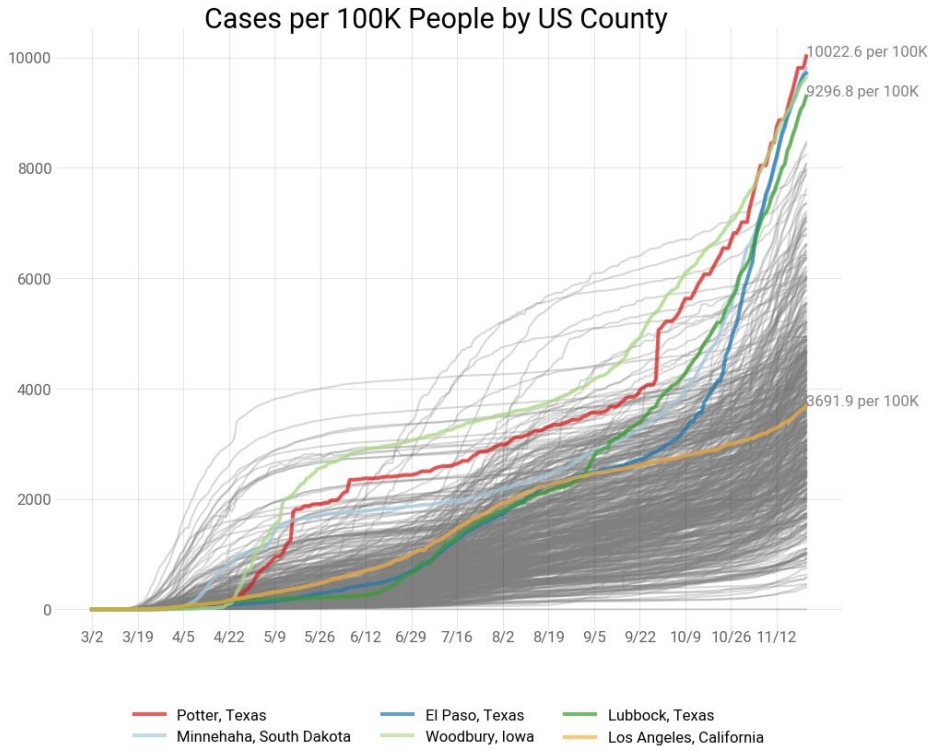
Minnehaha, South Dakota (Sioux Falls): 9,806 cases per 100K
(18,938 total cases)

El Paso, Texas: 9,712 cases per 100K
(81,511 total cases)

Woodbury, Iowa (Sioux City): 9,633 cases per 100K
(9,932 total cases)

Lubbock, Texas: 9,297 cases per 100K
(28,873 total cases)

Los Angeles, California: 3,692 cases per 100K
(370,636 total cases)
Los Angeles County ranks #263 out of 584 counties with 100K+



Source: Los Angeles County Department of Health, Johns Hopkins University

COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)

As of November 23, 2020, 8:00 PM • One-day lag

Top 5 per capita (per 100K) deaths by County:

Bronx, New York: 355.0 deaths per 100K
(5,035 total deaths)

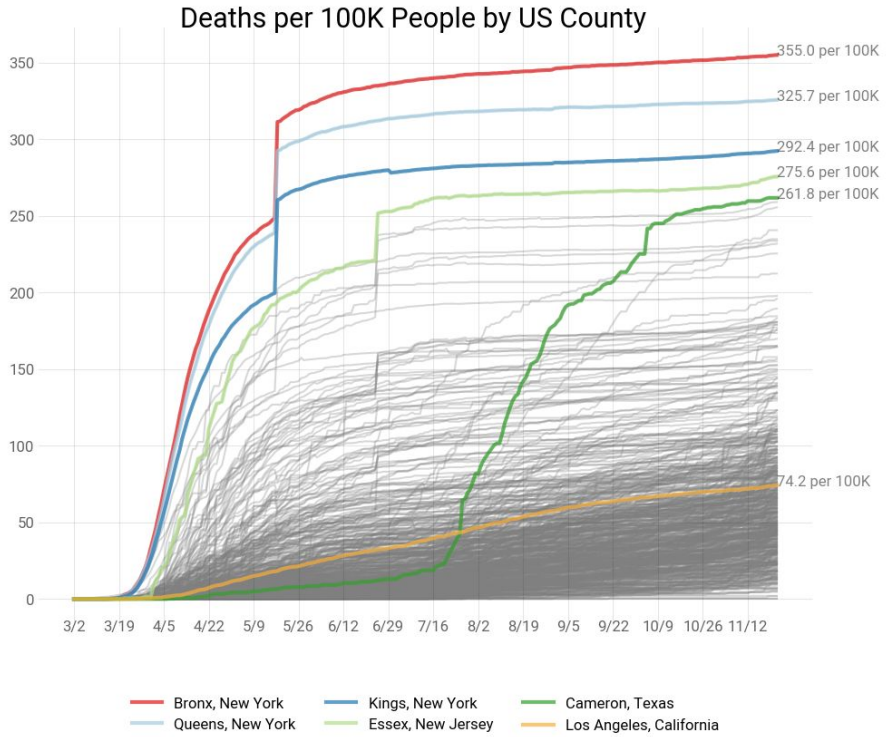
Queens, New York: 325.7 deaths per 100K
(7,341 total deaths)

Kings, New York: 292.4 deaths per 100K
(7,485 total deaths)

Essex, New Jersey (NYC Metro Area): 275.6 deaths per 100K
(2,202 total deaths)

Cameron, Texas: 261.8 deaths per 100K
(1,108 total deaths)

Los Angeles, California: 74.2 deaths per 100K
(7,446 total deaths)
Los Angeles County ranks #197 out of 584 counties with 100K+



Source: Los Angeles County Department of Health, Johns Hopkins University

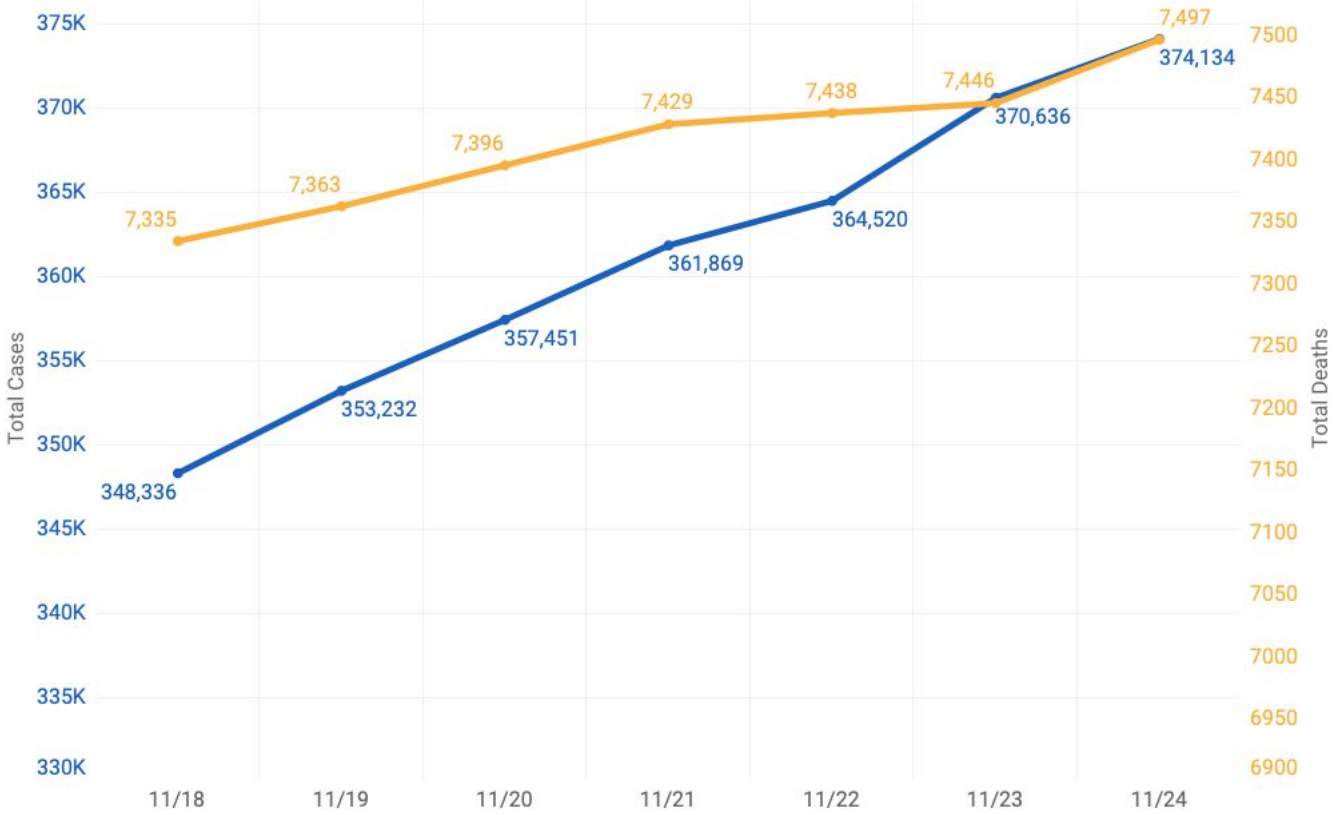
COVID-19 DATA SUMMARY

LA County Update

COVID-19 Los Angeles County Total Cases and Total Deaths, Past 7 Days

As of November 24, 2020, Noon

Key Takeaways:
Los Angeles County currently has a **2.0% mortality rate**. The estimated infection rate is 1.18 (*ideal is <1.0)*



Source: Los Angeles County Department of Health, COVID Tracking Project

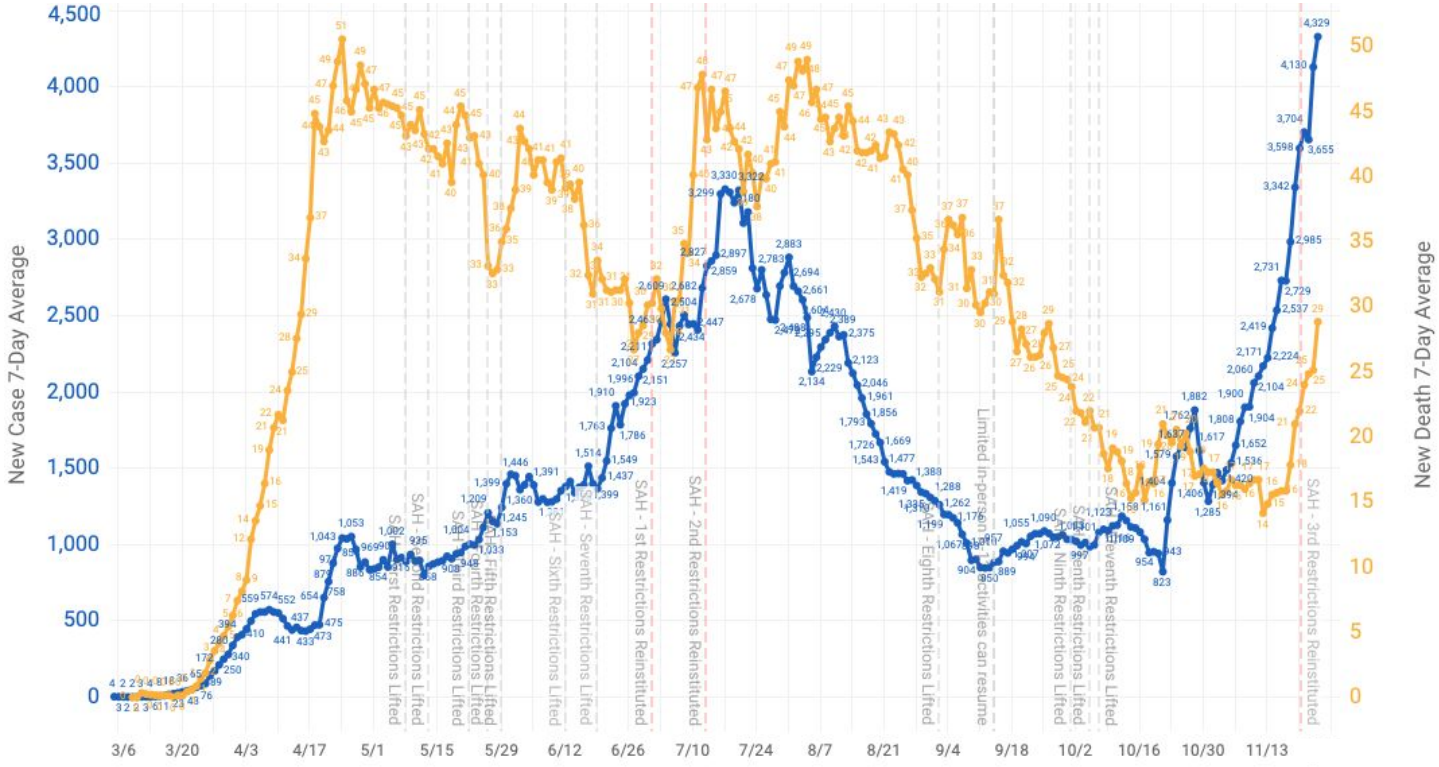
COVID-19 Los Angeles County New Cases and New Deaths, 7-Day Average

As of November 24, 2020, Noon

Key Takeaways:

The past seven days have seen an average daily increase of 4,329 new cases

The past seven days have seen an average daily increase of 29 new deaths



Source: Los Angeles County Department of Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21

COVID-19 • CITY + COUNTY + STATE VIEW

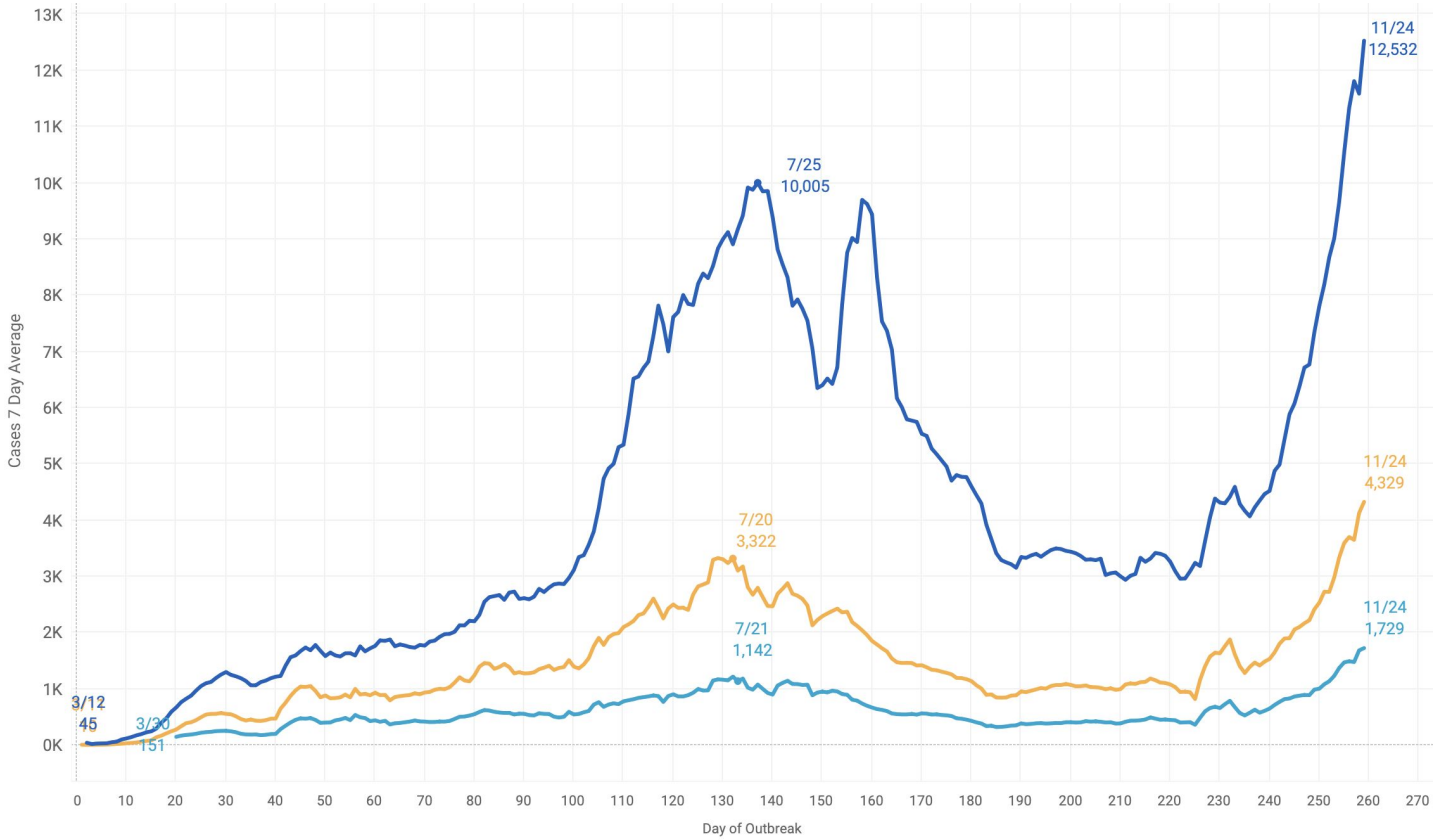
New & Total Cases

City + County + State Daily Confirmed Cases, 7-Day Average

As of November 24, 2020, Updated 12:30 PM

Key Takeaways:

- An average of **12,532** Cases reported in CA from 11/17 to 11/24 (**1.1%** increase)
- LA County accounts for **33.2%** of cases in CA with an average of **4,329** new cases reported from 11/17 to 11/24 (**1.3%** increase)
- The City of LA accounts for **13.7%** of cases in CA with an average of **1,729** new cases reported from 11/17 to 11/24 (**1.2%** increase)



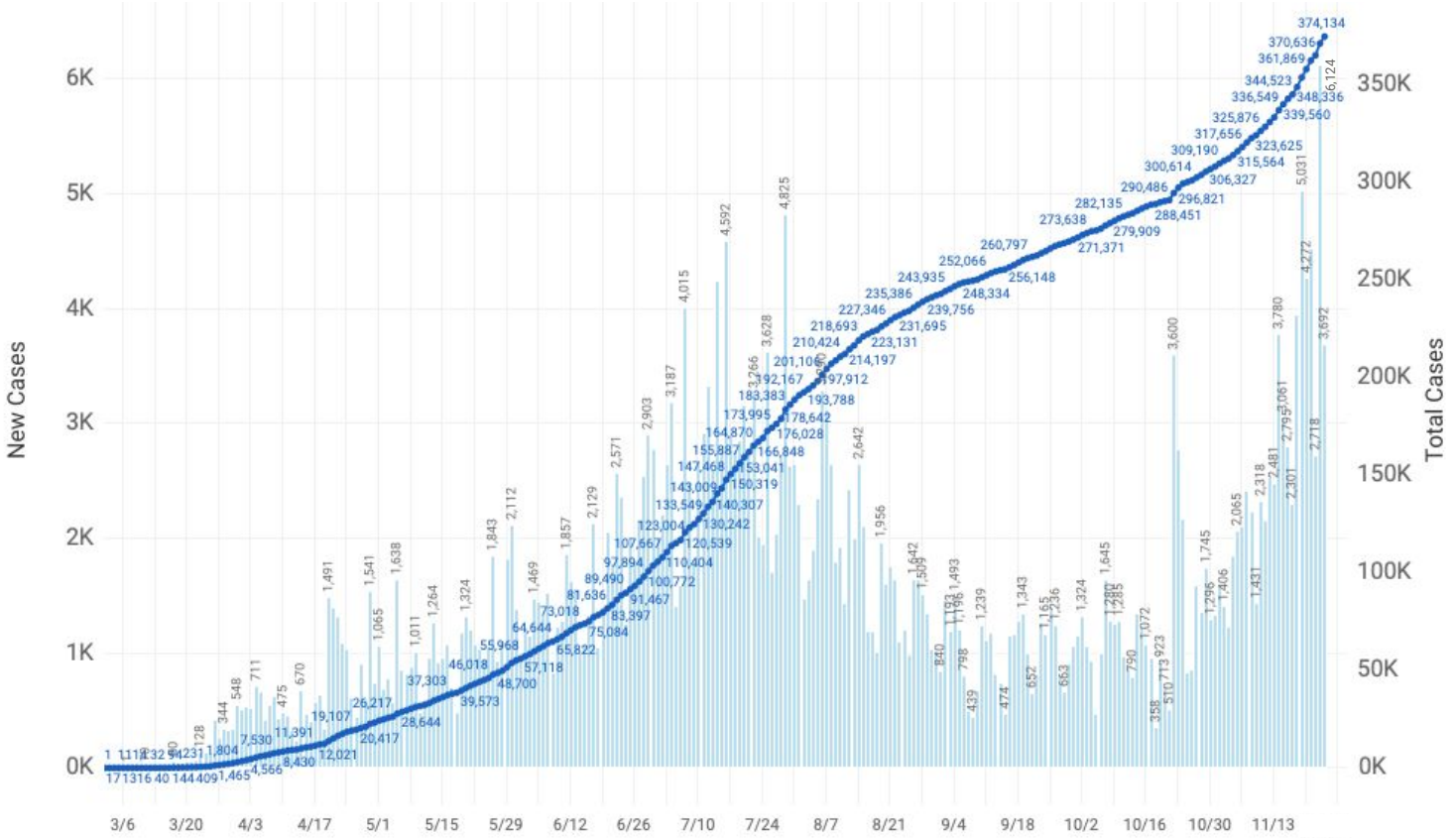
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

COVID-19 Los Angeles County Total and New Cases

As of November 24, 2020, 1:00 PM

Key Takeaways:
The past seven days have seen an **average daily increase of 4,329 new cases**

Note: *Daily numbers may show a discrepancy when performing basic addition. This is based on the fact that the County is performing ongoing investigation into cases and updating their daily case numbers but not updating historic case numbers*



New Cases
Total Cases

Source: Los Angeles County Department of Public Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21

COVID-19 • LOS ANGELES COUNTY

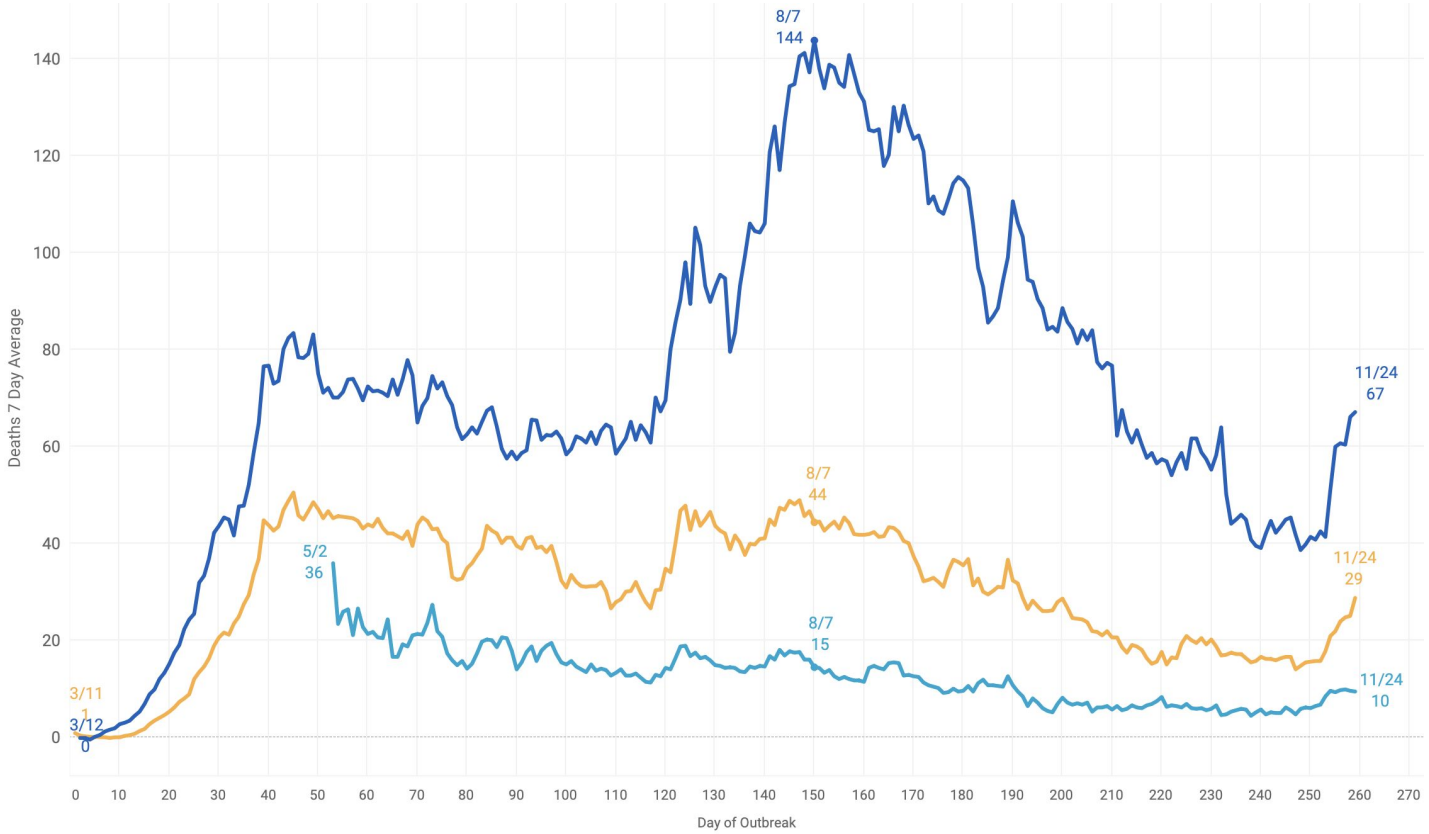
New & Total Deaths

City + County + State Daily Confirmed Deaths, 7-Day Average

As of November 24, 2020, 12:30 PM

Key Takeaways:

- An average of **67** Deaths reported in CA from 11/17 to 11/24 (**0.4%** increase)
- LA County accounts for **39.9**% of deaths in CA with an average of **29** new deaths reported from 11/17 to 11/24 (**0.4%** increase)
- The City of LA accounts for **16.8%** of deaths in CA with an average of **10** new deaths reported from 11/17 to 11/24 (**0.3%** increase)



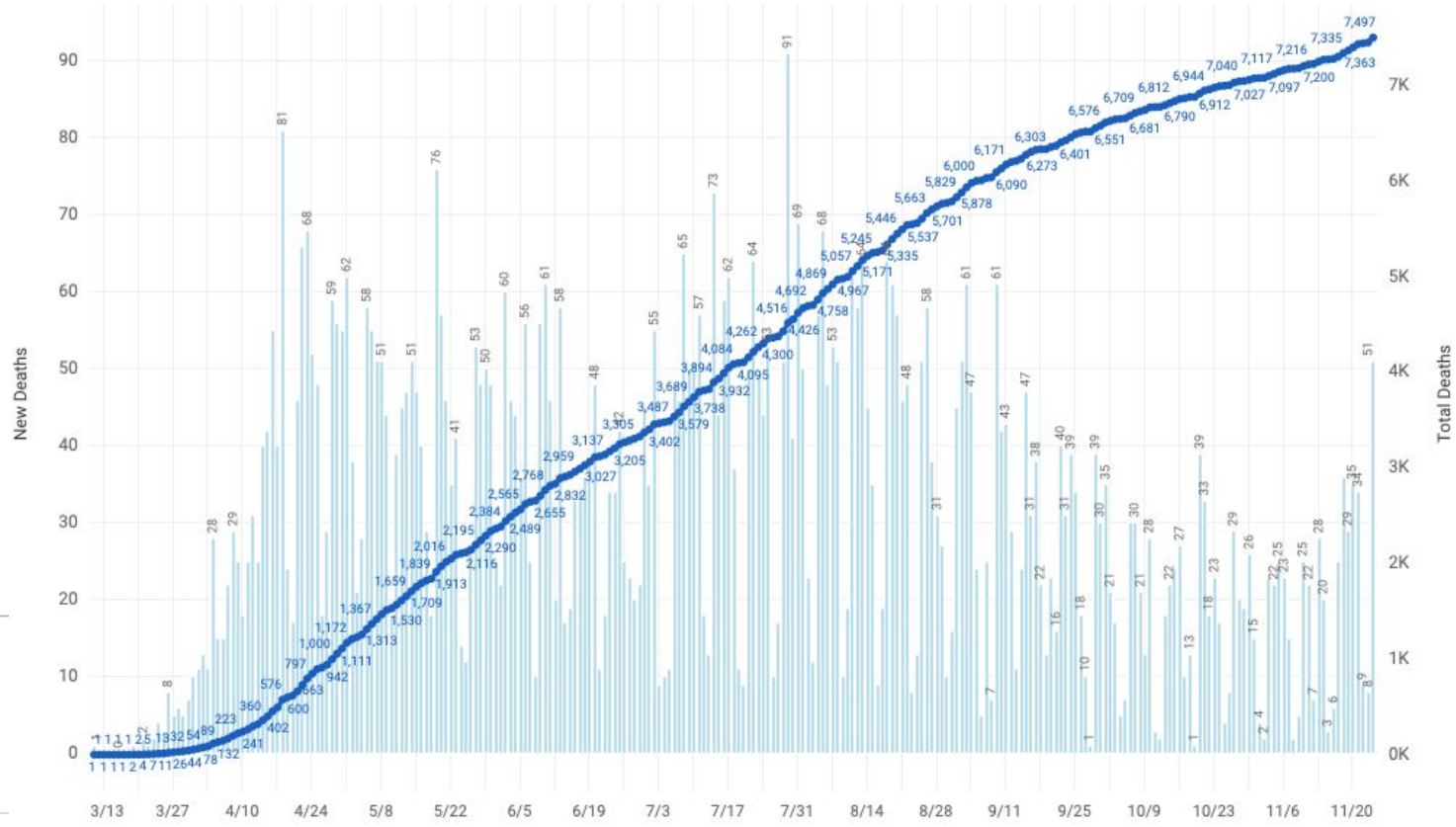
CA's new deaths/total for 11/24 do not include Los Angeles County

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.
Day of outbreak is identified as March 11, with prior cases aggregated to day 1.
LA City death count lags several days.

COVID-19 Los Angeles County Total and New Deaths

As of November 24, 2020, 1:00 PM

Key Takeaways:
The past seven days have seen an **average daily increase of 29 new deaths**



New Deaths
Total Deaths

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.
Day of outbreak is identified as March 11, with prior cases aggregated to day 1.
LA City death count lags several days.

COVID-19 • LOS ANGELES COUNTY

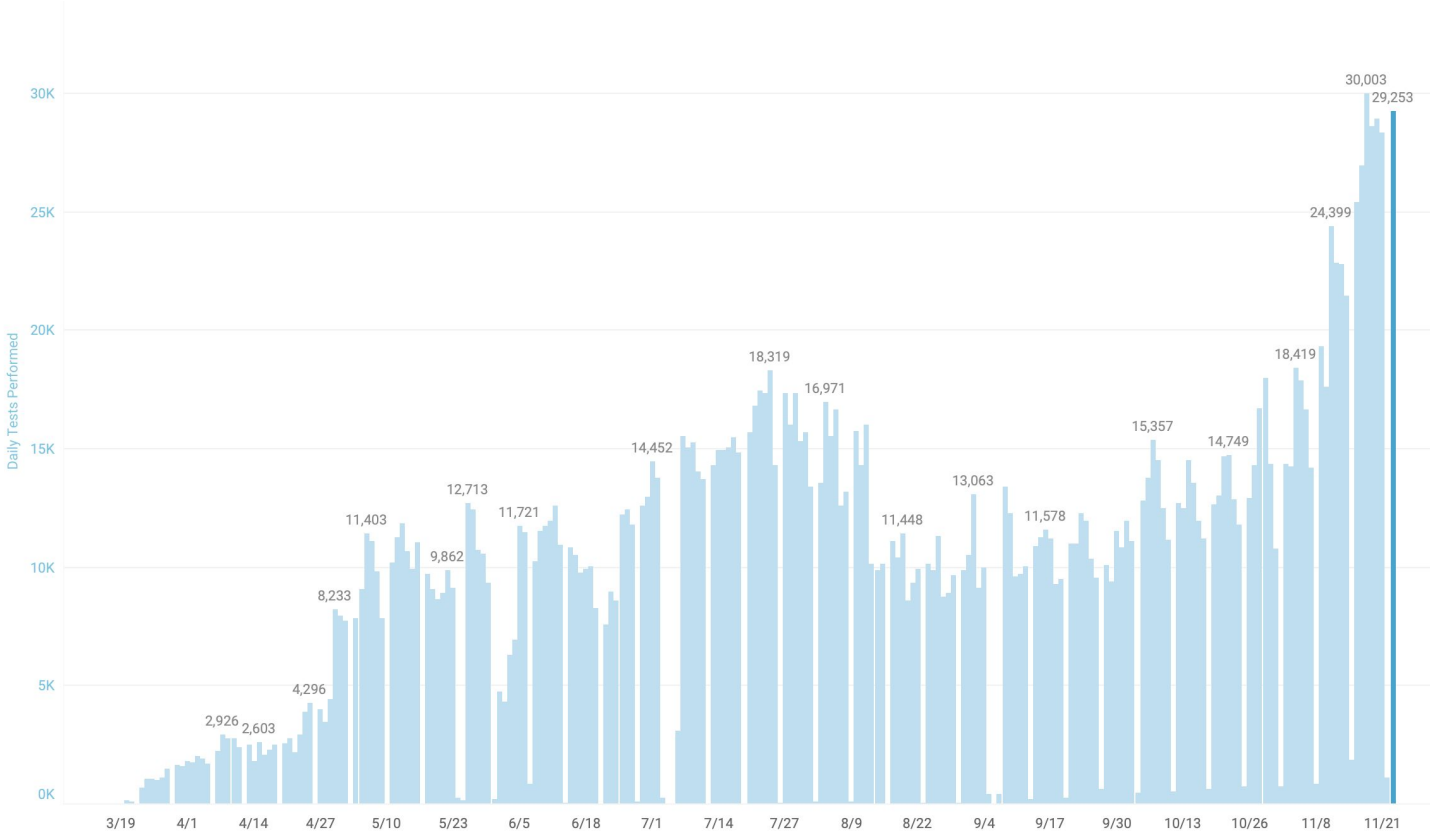
Testing

City of Los Angeles* Daily Tests Conducted

As of November 23, 2020 • One-day lag

Key Takeaways:

- **At least 2,328,112 tests** have been performed at City of Los Angeles since 3/20
- In LA County overall, at least **3,601,615** have been tested since 3/20
- **At least 29,253 tests** were performed on 11/23
- On average, **28,682** tests were performed each day from 11/17 to 11/23
- **147,115** of the 2,277,701 tests for which results were received were positive (6.6%)



Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.

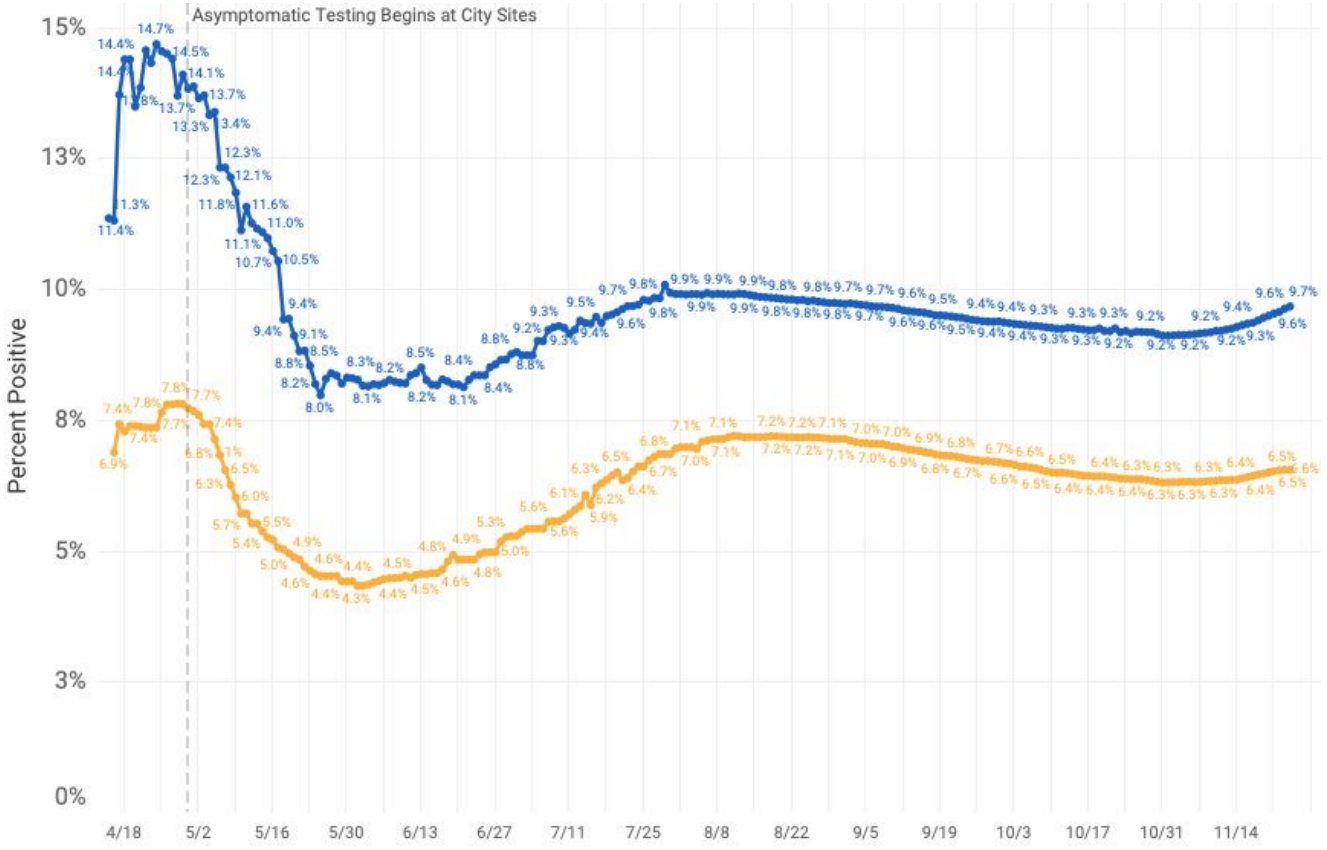
Positive Test Rate - Los Angeles City vs County

As of November 23, 2020 • One-day lag

Key Takeaways:

LA County's overall positive rate is currently at 9.7% *(for individuals tested)*

LA City's overall positive rate is currently at 6.6% *(for all tests)*



Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

City of Los Angeles* Tests vs Positive Rate

As of November 23, 2020 • One-day lag (for cumulative)/Two-day lag (for 7-day)

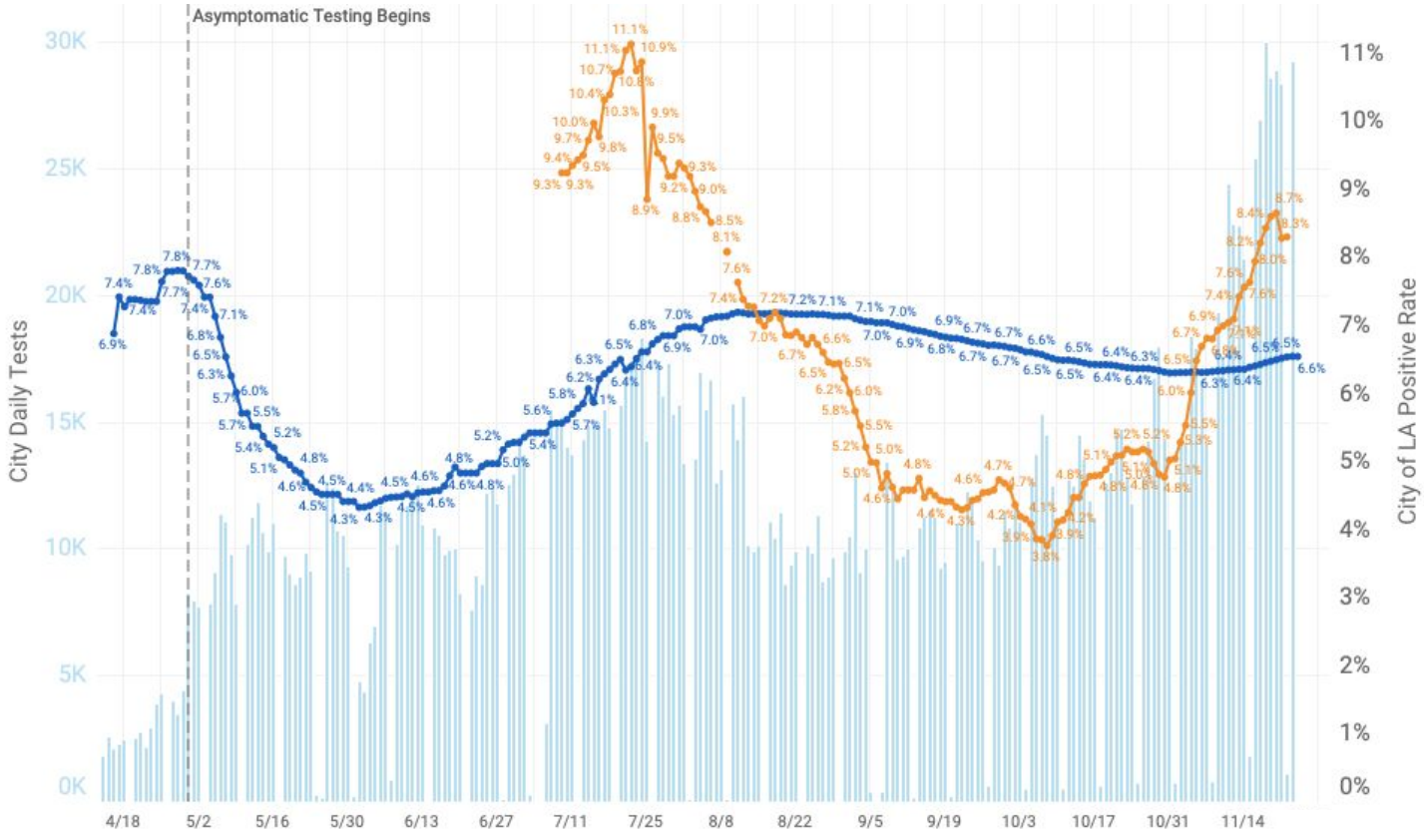
Key Takeaways:

• The overall positive testing rate for City of LA sites peaked on 4/27 with a rate of 7.8%

• The overall positive testing reached its lowest rate of 4.3% on 5/31

• The current positive rate is rising and is currently at 6.6%

• The 7-day positivity rose slightly to 8.31% (as of 11/22)



Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers. These testing numbers only include sites within the City of Los Angeles boundaries.

County of Los Angeles People Tested vs Positive Rate (for people tested by test day)

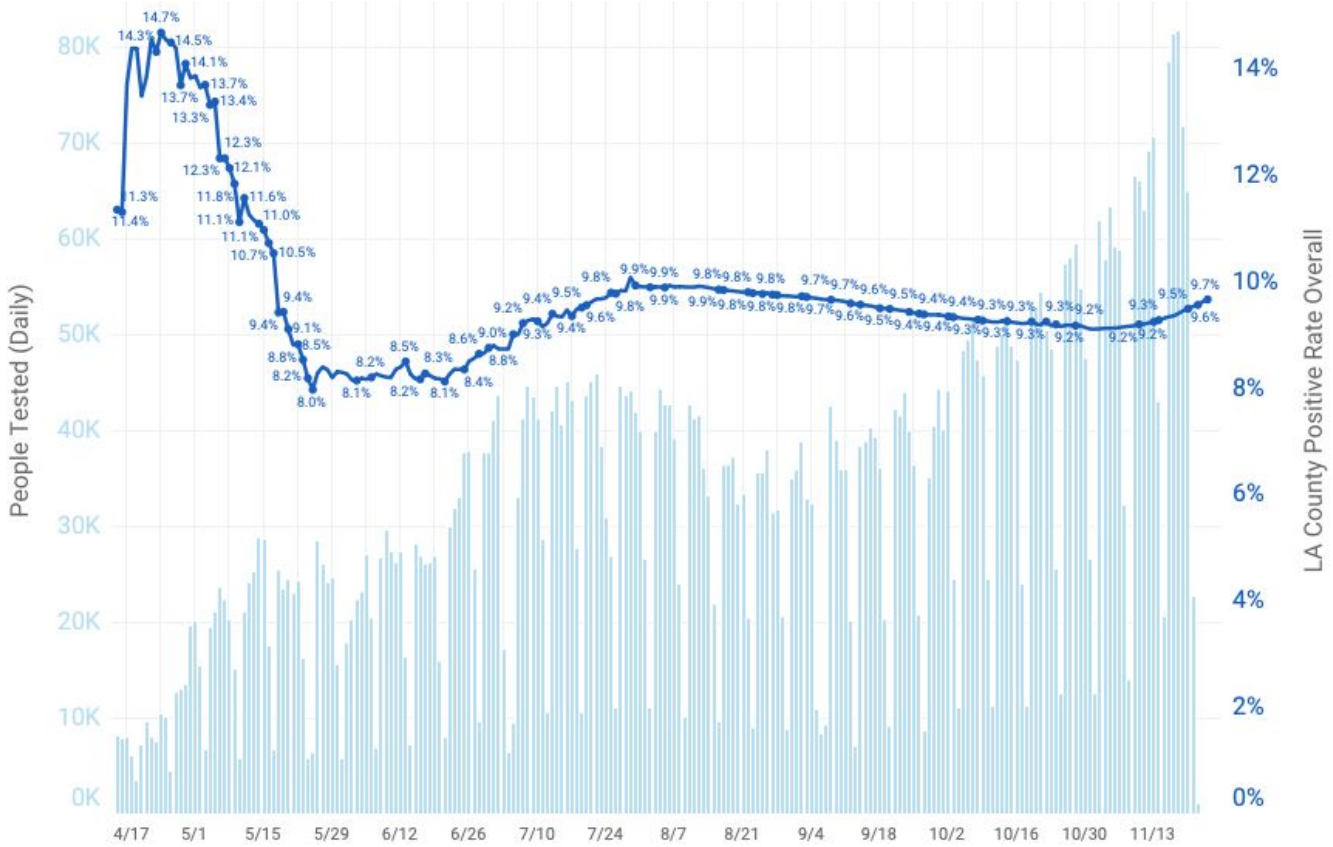
As of November 23, 2020 • One-day lag

Key Takeaways:

• The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%

• The positive testing reached its lowest rate of 7.7% on 5/27

• **The overall cumulative % positive persons tested as of 11/23 is 9.7%**



Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

County of Los Angeles Tests Daily vs Overall Positivity Rate vs. Seven Day Average Positivity Rate (Specimens) As of November 17, 2020 • One-week lag

Key Takeaways:

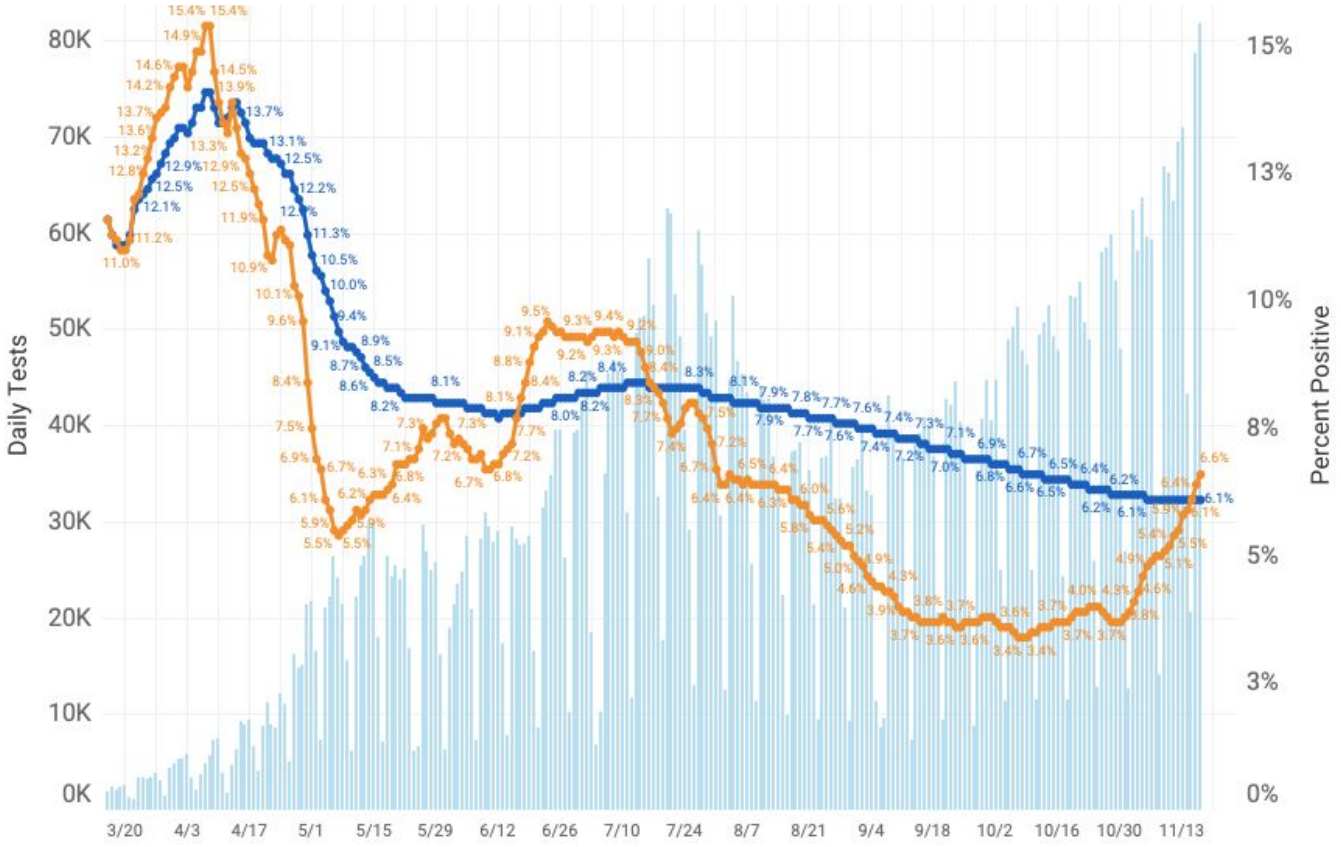
• The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%

• The positive testing reached its lowest rate of 7.7% on 5/27

• Given delays in testing results, 7-day positive average rates are more stable when viewed after a week.

• The overall cumulative % positive rate of specimens tested as of 11/17 was 6.1%

• The 7-day average daily % positive specimen rate as of 11/17 was 6.6%



Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
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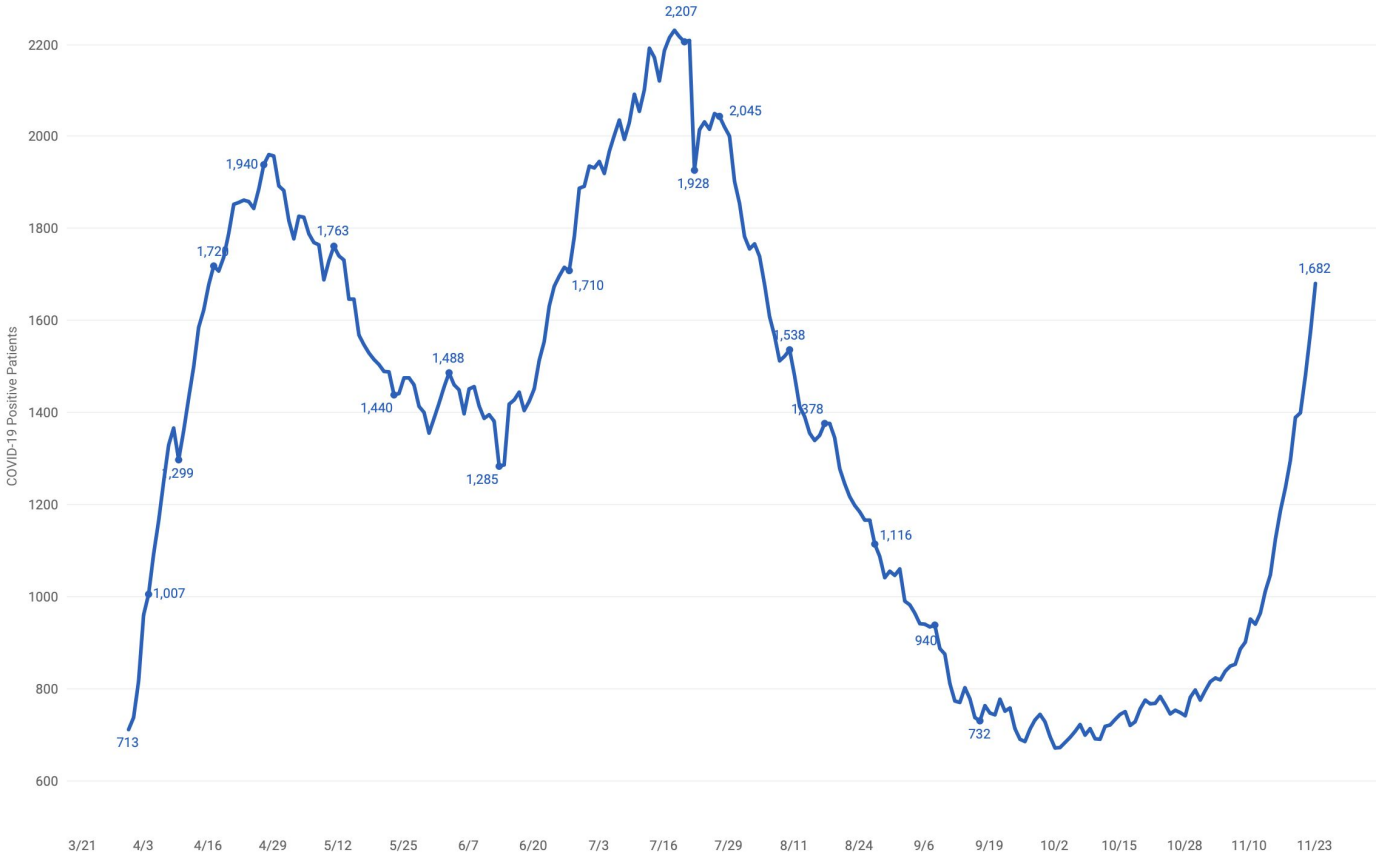
COVID-19 • LOS ANGELES COUNTY

Hospitalizations

HOSPITALIZATIONS

Hospitalized COVID-19 Patients
As of November 23 • One-day lag

Key Takeaways:
- **1,682** currently hospitalized patients, a **6.8%** increase from yesterday



Source: California Open Data Portal
*Hospitalizations in county press conferences often reported with two-day lag
**There are additional patients in hospitals that are COVID-19-suspected

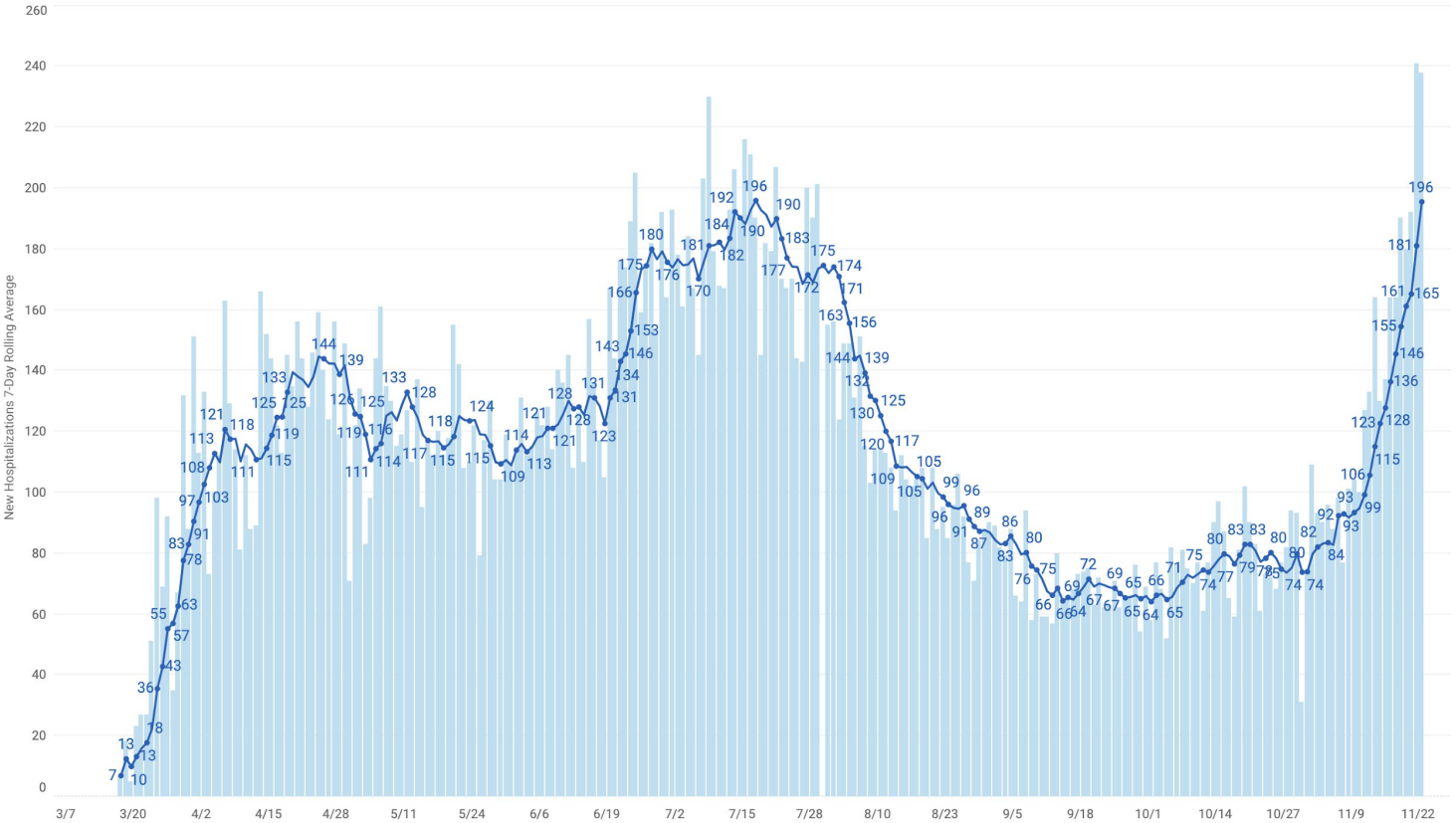
HOSPITALIZATIONS

Daily Hospital Admissions, 7-Day Average

As of November 23 • One-day lag

Key Takeaways:

- At least **28,465** people have been hospitalized since 3/18
- **238 new hospitalizations*** as of 11/23
- An average of **196** people were hospitalized daily due to COVID-19 between 11/16-11/23
- The new 7-day rolling average increased by **53%** compared to last week's average



New Hospitalizations (7 Day Rolling Average)
New Hospitalizations

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services
*No new hospitalizations update for 7/31

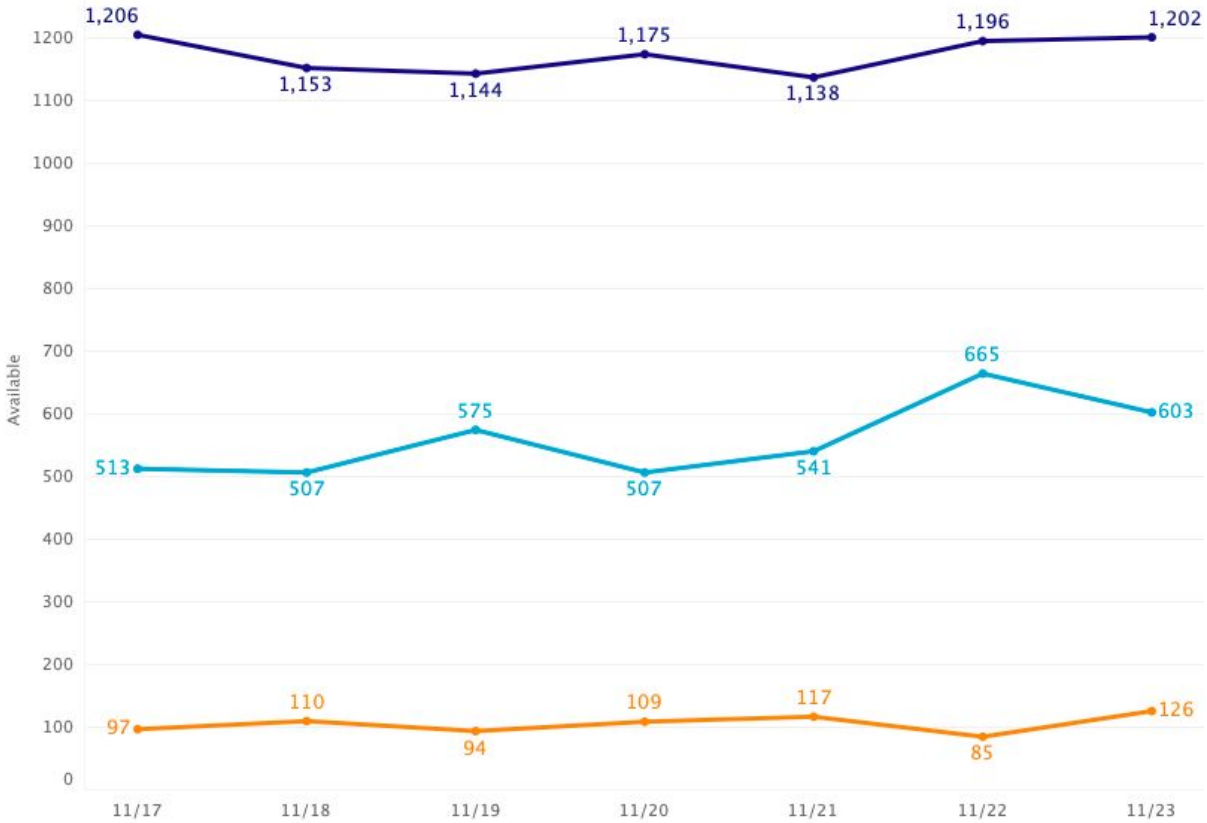
Hospital Bed and Equipment Capacity for LA County

As of November 23 • One-day lag

Key Takeaways:
729 total beds

Since last week, there has been a:

- **17.5% increase** in available acute care beds. Surge capacity is 11,482
- **29.9% increase** in available ICU beds. Surge capacity is 4,067
- **0.3% decrease** in available ventilators. Surge capacity is 3,199



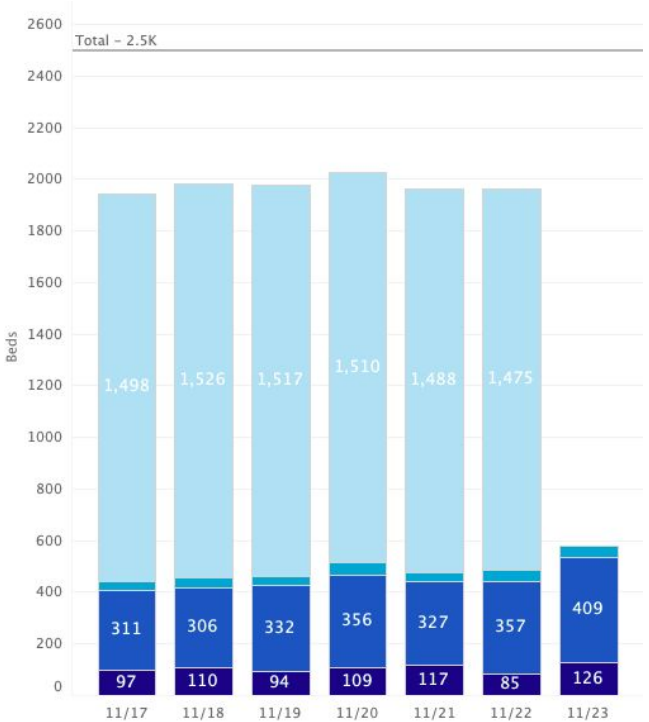
County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories
(ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet. This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals

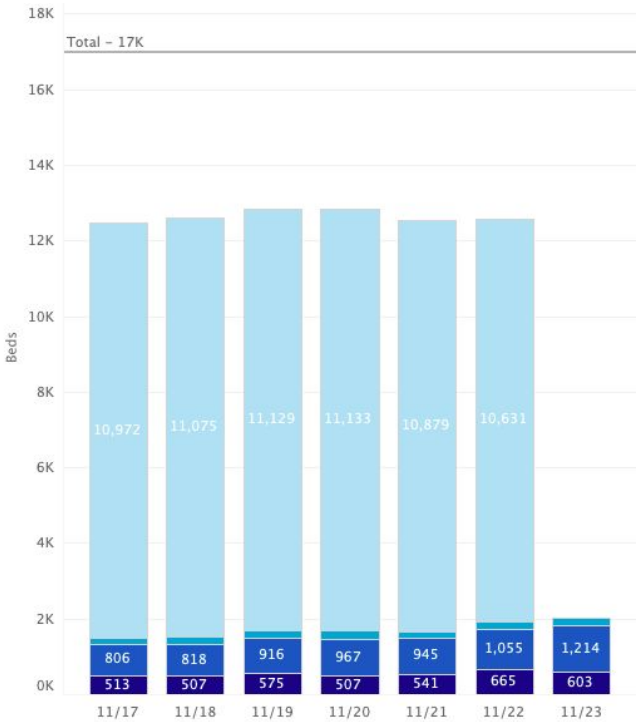
Hospital Bed and Equipment Capacity for LA County

As of November 23 • One-day lag

ICU BEDS



ACUTE CARE BEDS



Non-COVID Occupied
COVID Person Under Investigation
COVID Occupied
Available

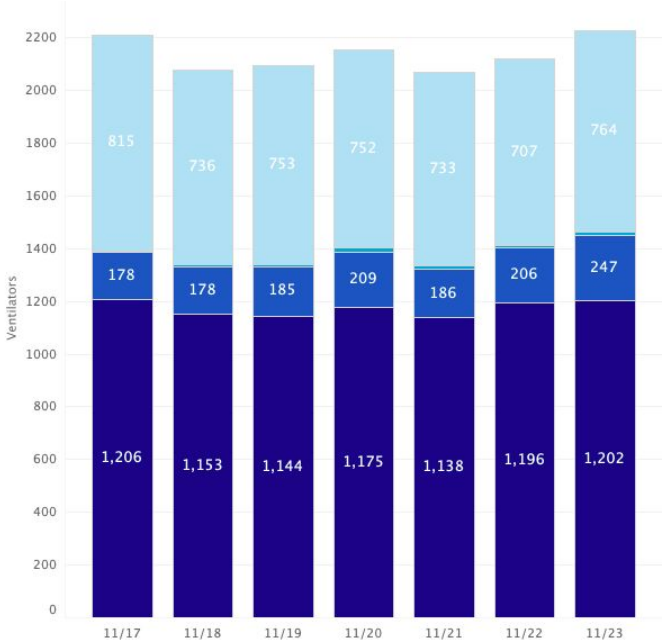
Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet

This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

Hospital Bed and Equipment Capacity for LA County

As of November 23 • One-day lag

VENTILATORS



Non-COVID Occupied
COVID Person Under Investigation
COVID Occupied
Available

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet

This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

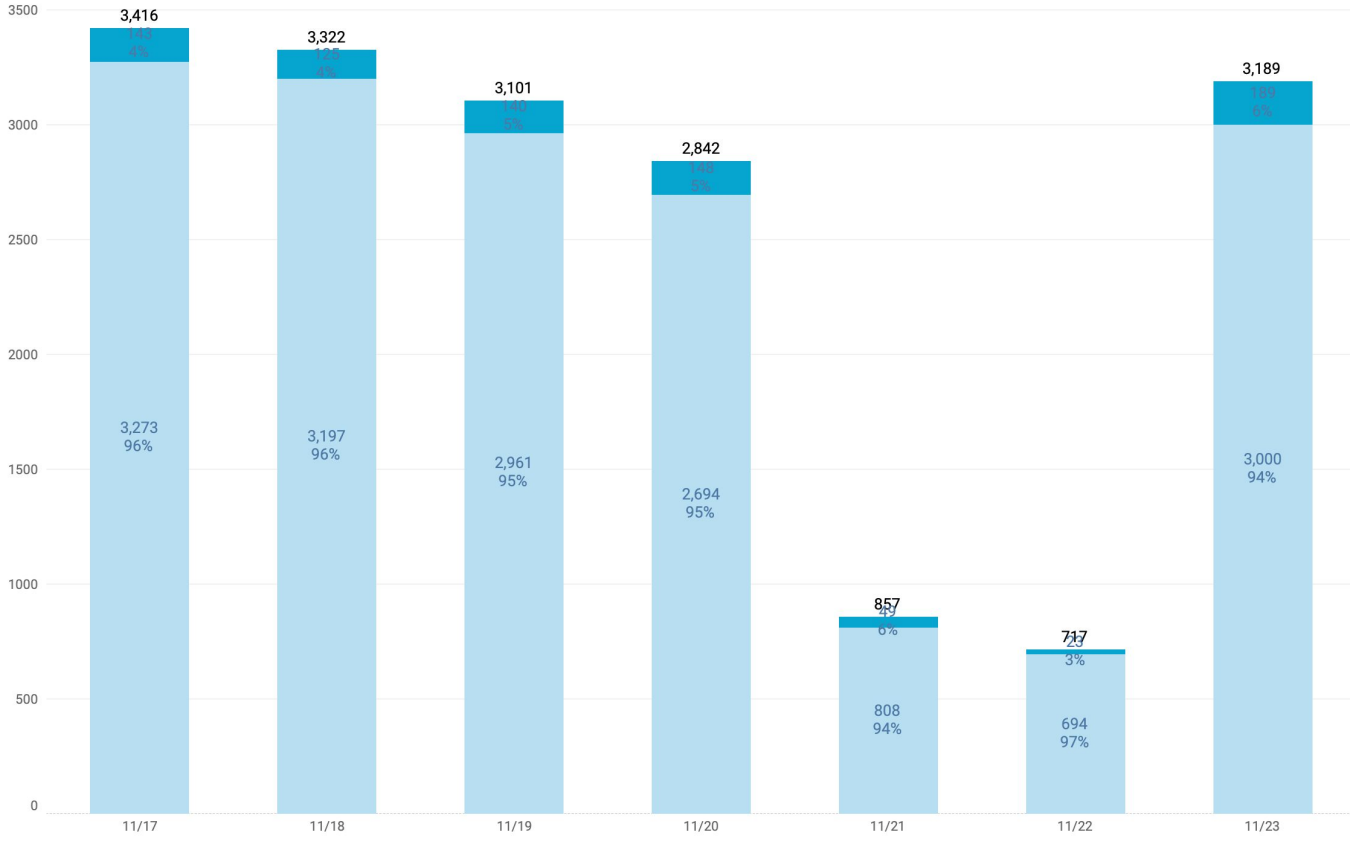
COVID-19 DATA SUMMARY

City Response and Preparedness

Hotline Services: 311 Calls

As of November 23, 2020 • One-day lag

Key Takeaways:
There has been a significant rise in COVID-related calls, which has **increased from 2% to 5-6% this week.**



Source: ITA - 311 Contact Center

Prepared by Mayor's Innovation Team

COVID-19 • Los Angeles City Overview

Economic Analysis

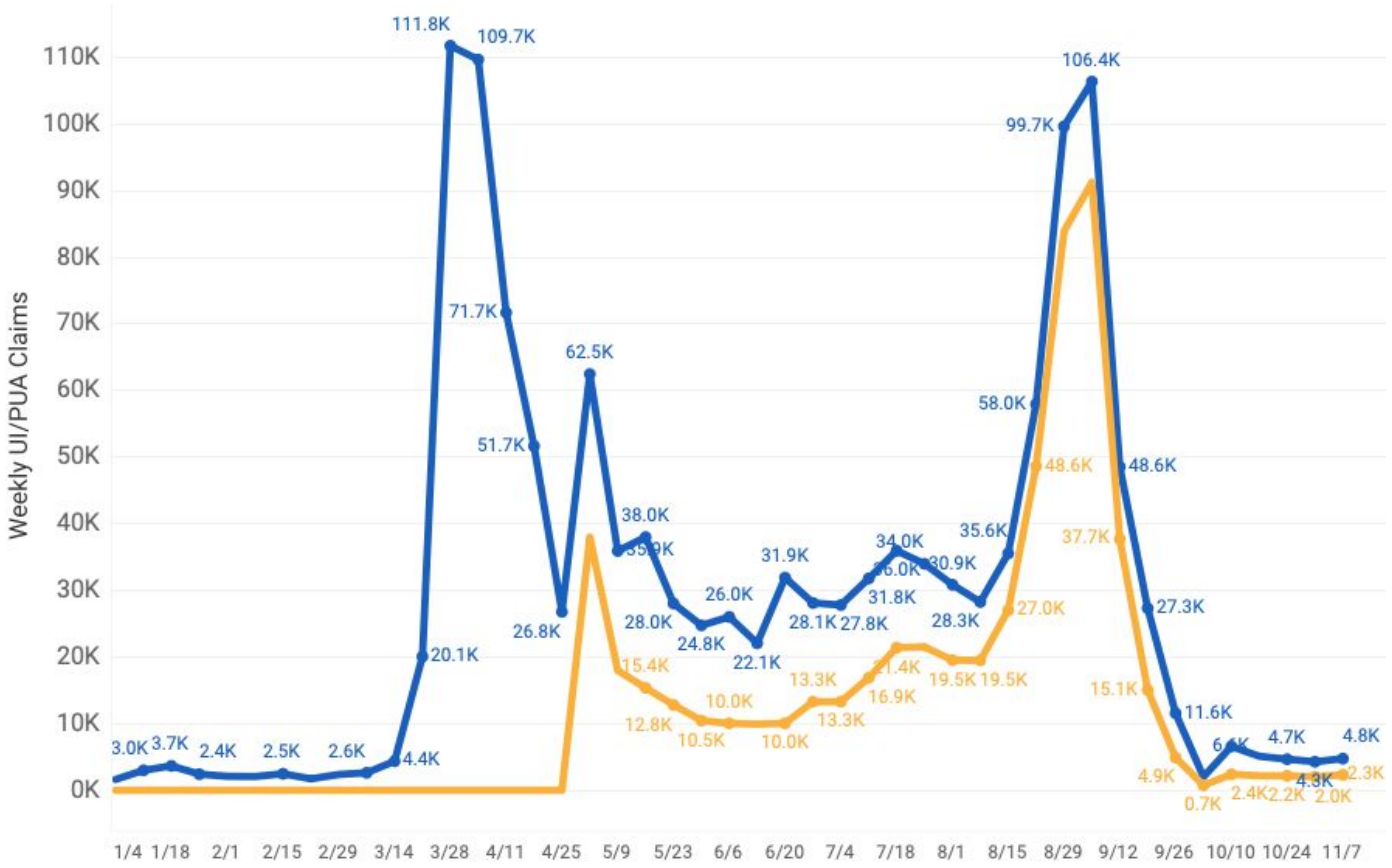
New Unemployment Insurance (UI) Claims for the City of Los Angeles

As of November 7, 2020

Key Takeaways:

- **4.8K** new claims from 11/1-11/7, including Pandemic Unemployment Assistance (PUA).
- Spiked on 3/28 with **112K** new claims
- This represents an increase of over **4500%** from the weekly average from 1/1 - 3/7

Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5



Source: California EDD

Prepared by Mayor's Innovation Team

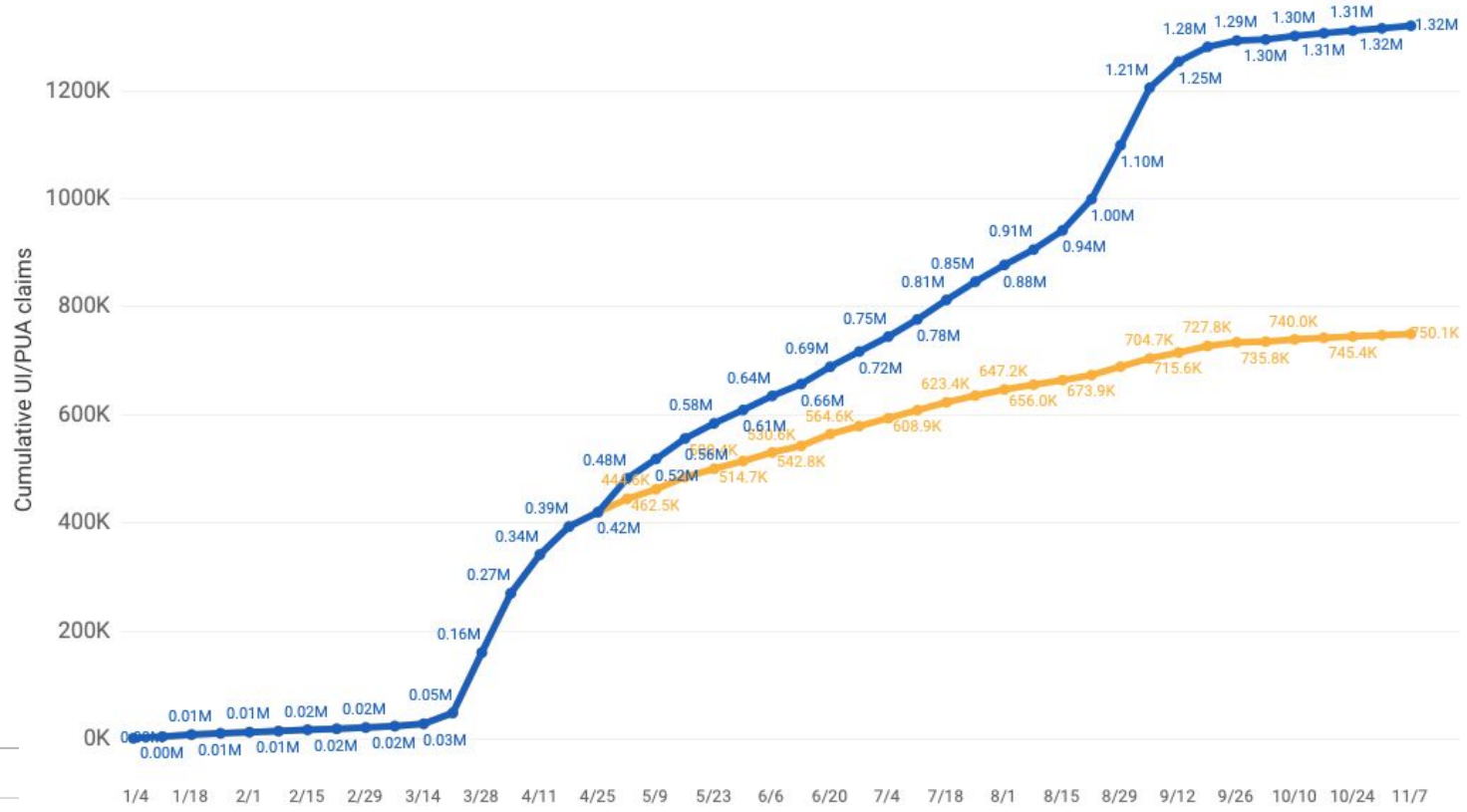
Cumulative Insurance Claims for the City of Los Angeles

As of November 7, 2020

Key Takeaways:

- September unemployment (seasonally-adjusted) is estimated at **15.1%** for LA County. This is a bit lower than August's numbers (16.1%) and quite a bit higher than California overall (11%)

- **1,320,491** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020



Source: California EDD

Prepared by Mayor's Innovation Team

End of Report
November 24, 2020