Eric Garcetti
@MayorOfLA

DAILY LOS ANGELES

COVID-19 Data Summary

Response Day 273
Thursday December 10, 2020

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

INDEX

- Data Snapshot
- United States Update
- Key Indicators
- Demographic Comparisons
- City Response and Preparedness
- Economic Analysis

COVID-19 DATA SUMMARY

Data Snapshot

COVID-19 restrictions: Regional Stay Home Order
(Southern California Order in Effect as of Dec 6, 2020, 11:59 PM)

The **Regional Stay Home Order**, announced December 3, 2020, and a **supplemental order**, signed December 6, 2020, will go into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability.

• The supplemental order clarifies retail operations and goes into effect immediately;

• They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;

• And require 100% masking and physical distancing in all others.

Once triggered, these orders will remain in effect for at least 3 weeks. After that period, they will be lifted when a region's projected ICU capacity meets or exceeds 15%. This will be assessed on a weekly basis after the initial 3 week period.

Source: COVID19.CA.GOV

ICU Availabilities as of December 10, 2020

Region	ICU Availability	Order
Northern California	**30.3%**	Does not apply
Bay Area	**17.8%**	**5** out of 11 **Counties Opted In**
Greater Sacramento	**13.3%**	Does not apply
San Joaquin Valley	**1.9%**	**Threshold met**
Southern California	**7.7%**	**Threshold met**

Statewide Metrics

• **34.0** New COVID-19 Positive Cases Per Day Per 100k Residents
• **8.4%** 7-Day Positivity Rate
• **9.9%** ICU Availability

Source: State of California

Current Regional Stay Home Order Status

Legend

REGIONAL STAY HOME ORDERS

	Regions	Counties	Population	
Yes	3	36	30,896,229	77.0%
No	2	22	9,232,931	23.0%

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

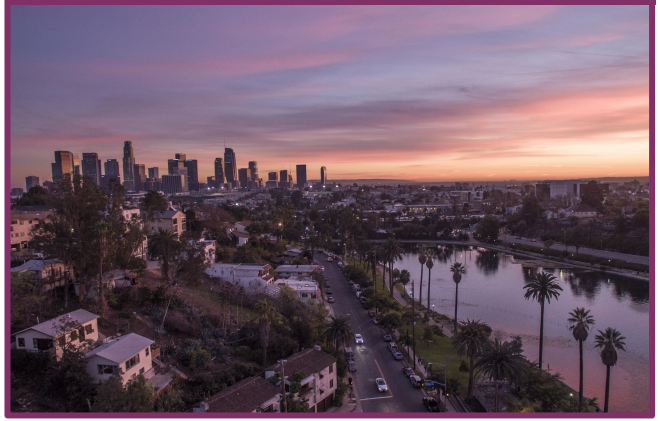
Health Equity Metric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts. *California did not release new equity metrics between 11/10 and 12/8

Source: California Department of Public Health

METRICS As of Dec 8 2020, 1 PM	REPORTING DATE	RATE	% DIFF VS LAST METRICS	LAST REPORTING DATE	LAST METRICS
New COVID-19 positive cases per 100K	12/8	41.8	+3.7%	12/1	40.3
Adjusted case rate for tier assignment	12/8	26.9	+33.2%	12/1	20.2
Positivity Rate	12/8	8.7%	+1.7% *(% Point Difference)*	12/1	7.0%
Health Equity Metric (starting 10/6)*	12/8	13.9%	+7.4% *(% Point Difference)*	11/10	6.5%

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, 7-Day COVID Positive Test Rate, New Hospitalizations, Acute Care Bed Capacity, ICU Bed Capacity,** and **LA City Unemployment Insurance Claims** (vs baseline)

The following metrics have seen **desirable** movement over the past seven days: **LA City Crime** and **LA City Unemployment Insurance Claims** (vs last week)

**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 12/8/20*

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

Prepared by Mayor's Innovation Team

METRICS As of December 10, 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.)	**9,576** (7-day avg)		+70.6%		+818.1%
New Deaths (7-day avg.)	**52** (7-day avg)		+78.2%		+3.7%
COVID 7-Day Positive Test Rate (as of one week ago)	**11.8%** (overall)		+4.6%		+0.2% COVID+ Test Rate is % Point Difference w/ baseline
New Hospitalizations (7-day avg)*	**357** (7-day avg)		+31.5%		+130%
Acute Care Bed Capacity (7-day avg)*	**434** (7-day avg)		-21%		-61.1%
ICU Bed Capacity (7-day avg)*	**92** (7-day avg)		-18.2%		-70%
LA City Crime (7-day avg) baseline = 2019 YTD	**439 daily crimes** (7-day avg) as of 12/4/2020		-5.8%		-18.2%
LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week	**5,201** as of 11/21/2020		-9.3%		+188%

COVID-19 DATA SUMMARY

United States Update

COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)

As of December 10, 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: 1,450.2K cases in California (+29.7K) - 3666 per 100K
20.5K deaths in California (+220) - 51.7 per 100K

#2: 1,296.1K cases in Texas (+12.5K) - 4515 per 100K
23.3K deaths in Texas (+244) - 81.3 per 100K

#3: 1,076.5K cases in Florida (+11.1K) - 5054 per 100K
19.9K deaths in Florida (+135) - 93.2 per 100K

#4: 823.5K cases in Illinois (+11.1K) - 6463 per 100K
14.8K deaths in Illinois (+232) - 116.5 per 100K

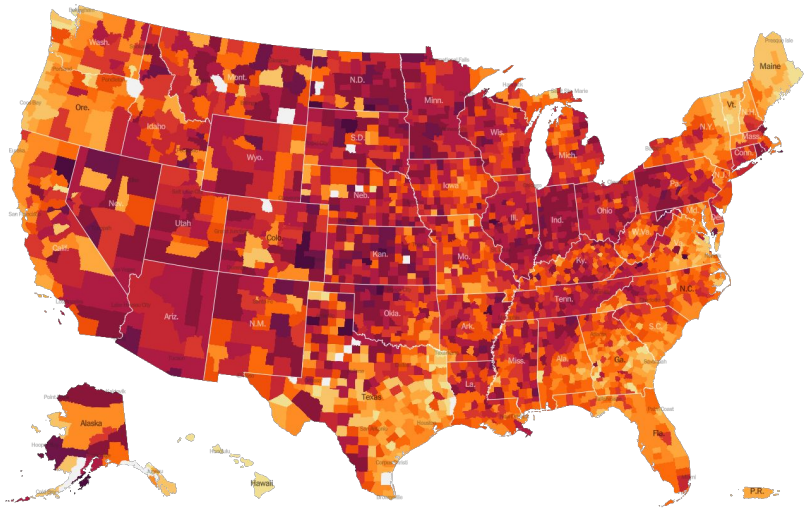
#5: 743.2K cases in New York State (+10.2K) - 3803 per 100K
27.5K deaths in New York State (+94) - 140.7 per 100K

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

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

#3 in Deaths
#39 in Deaths per 100K

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



COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)

As of December 10, 2020, 3:00 PM

California is now one of the main epicenters, along with the Midwest, South, and increasingly the East Coast. The top five states, based on new cases over the last day include:

#1: 1,450.2K cases in California (+29.7K) - 3666 per 100K
20.5K deaths in California (+220) - 51.7 per 100K

#2: 1,296.1K cases in Texas (+12.5K) - 4515 per 100K
23.3K deaths in Texas (+244) - 81.3 per 100K

#3: 457.3K cases in Pennsylvania (+12.0K) - 3570 per 100K
12.0K deaths in Pennsylvania (+248) - 93.8 per 100K

#4: 531.9K cases in Ohio (+11.7K) - 4549 per 100K
7.3K deaths in Ohio (+111) - 62.4 per 100K

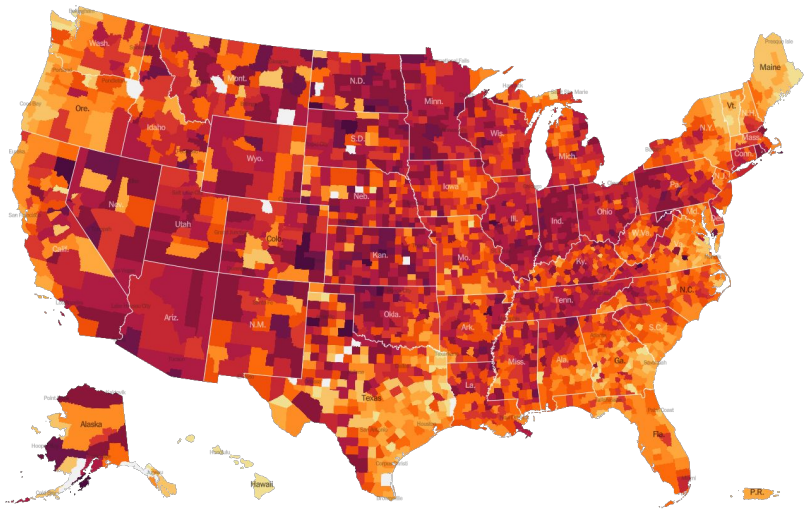
#5: 823.5K cases in Illinois (+11.1K) - 6463 per 100K
14.8K deaths in Illinois (+232) - 116.5 per 100K

Rounding out the top ten are: **Florida, New York State, Indiana, Michigan, Georgia**

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

#3 in Deaths
#39 in Deaths per 100K

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



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

As of December 9, 2020, 8:00 PM • One-day lag

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

Potter, Texas (Amarillo): 11,935 cases per 100K (14,013 total cases)

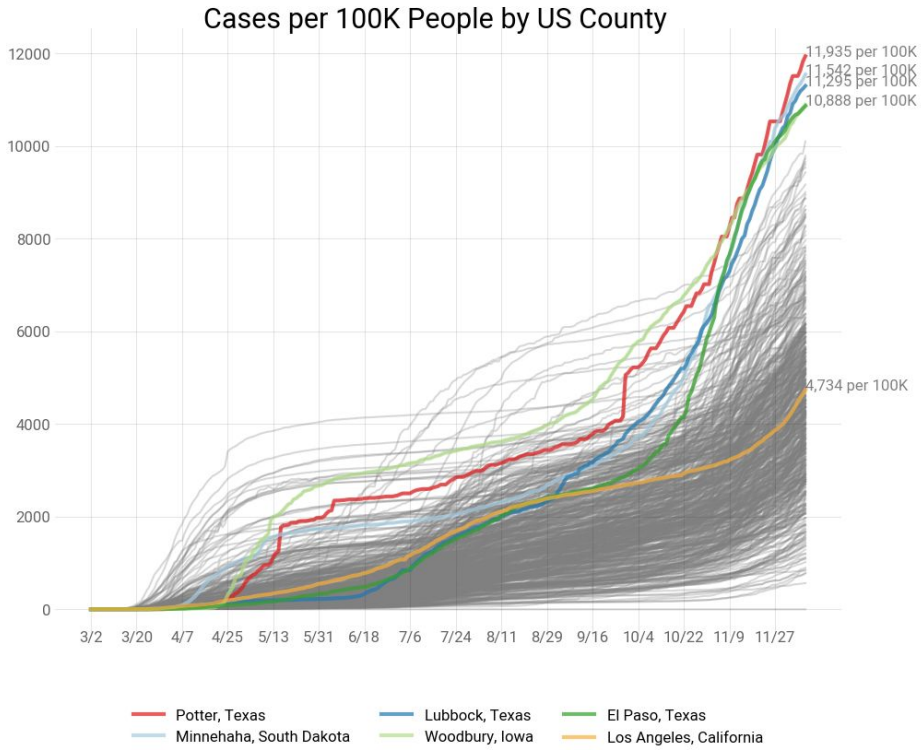
Minnehaha, South Dakota (Sioux Falls): 11,542 cases per 100K (22,291 total cases)

Lubbock, Texas: 11,295 cases per 100K (35,078 total cases)

Woodbury, Iowa (Sioux City): 10,888 cases per 100K (11,226 total cases)

El Paso, Texas: 10,861 cases per 100K (91,150 total cases)

Los Angeles, California: 4,734 cases per 100K (475,271 total cases)
Los Angeles County ranks #244 out of 584 counties with 100K+



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

Prepared by Mayor's Innovation Team

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

As of December 9, 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)

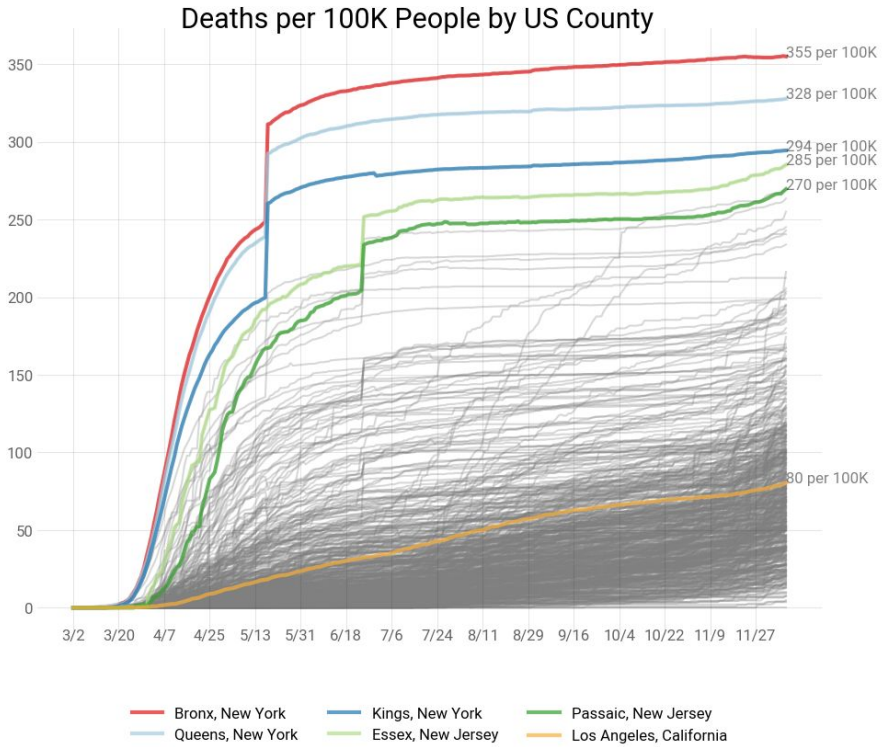
Queens, New York: 327.8 deaths per 100K
(7,388 total deaths)

Kings, New York: 294.5 deaths per 100K
(7,540 total deaths)

Essex, New Jersey (NYC Metro Area): 285.2 deaths per 100K
(2,279 total deaths)

Passaic, New Jersey (NYC Metro Area): 269.6 deaths per 100K
(1,353 total deaths)

Los Angeles, California: 80.4 deaths per 100K
(8,075 total deaths)
Los Angeles County ranks #223 out of 584 counties with 100K+



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

Prepared by Mayor's Innovation Team

COVID-19 • LOS ANGELES

Key Indicators

Cases, Deaths, Testing, and Hospitalizations

LA County New Cases and New Deaths, 7-Day Average

All metrics last updated at 1 PM, December 10, 2020

CASES DAILY UPDATE

1.14	12,819	487,917
Infection Rate Ideal < 1.0	New Cases	Total Cases

DEATHS DAILY UPDATE

1.7%	74	8,149
Mortality Rate	New Deaths	Total Deaths

7-DAY AVG OF CASES & DEATHS

KEY TAKEAWAYS

The past seven days have seen an **average daily increase of 9,576 new cases**

The past seven days have seen an **average daily increase of 52 new deaths**

Legend:

- New Cases (7-Day Rolling Average)
- New Deaths (7-Day Rolling Average)
- Safer At Home (SAH) Restriction Lifted
- SAH Restriction Reinstituted

Source: Los Angeles County New Cases and New Deaths, 7-Day Average

***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.*

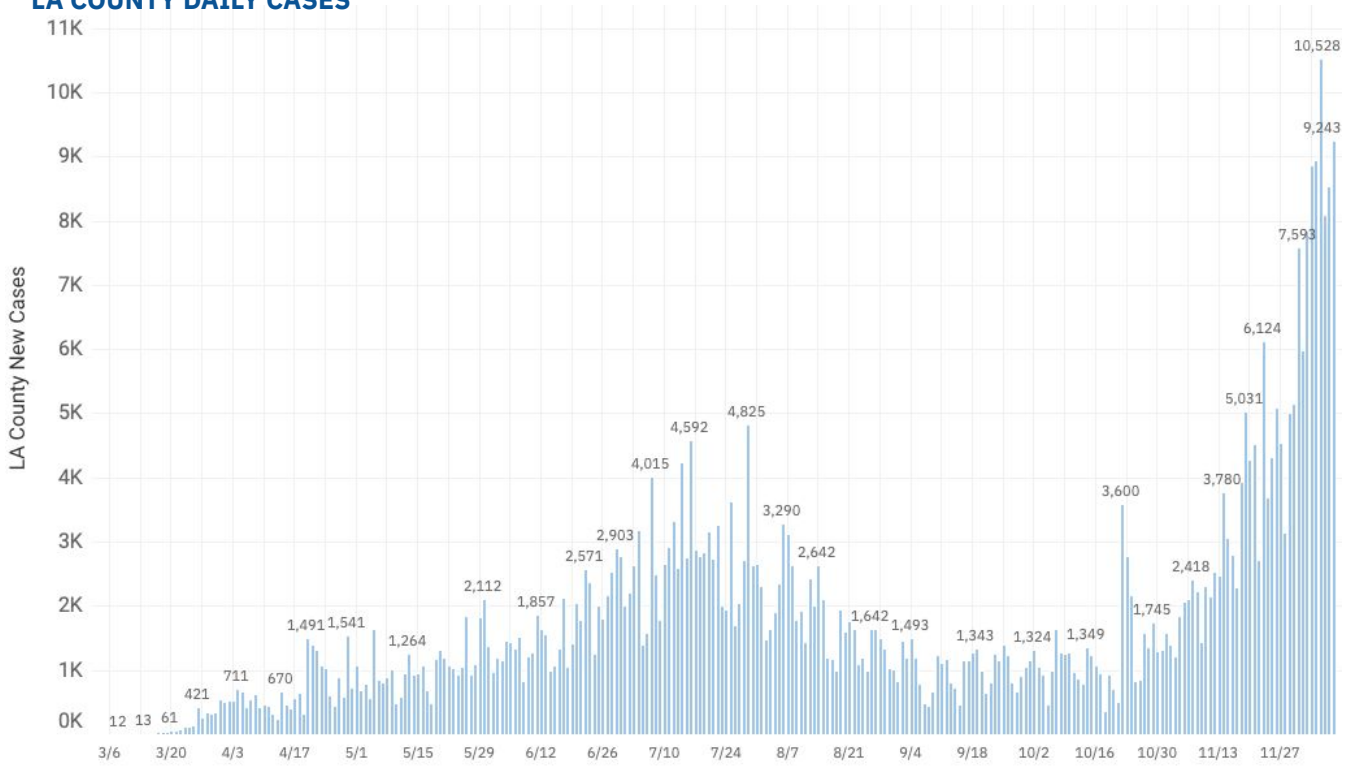
New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21

LA County Case Updates

All metrics last updated at 1 PM, December 10, 2020

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
1.14	12,819	487,917	29,677	1.45M	198,413	15.5M	654,288	69.3M
Infection Rate Ideal < 1.0	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases

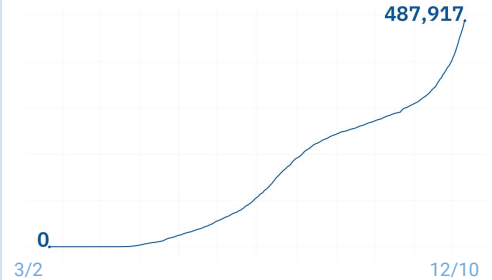
LA COUNTY DAILY CASES



KEY TAKEAWAYS

- LA County accounts for **33.6%** of cases in CA with an average of **9,576** new cases reported from 12/3 to 12/10 (**2.3%** increase)

CUMULATIVE CASES



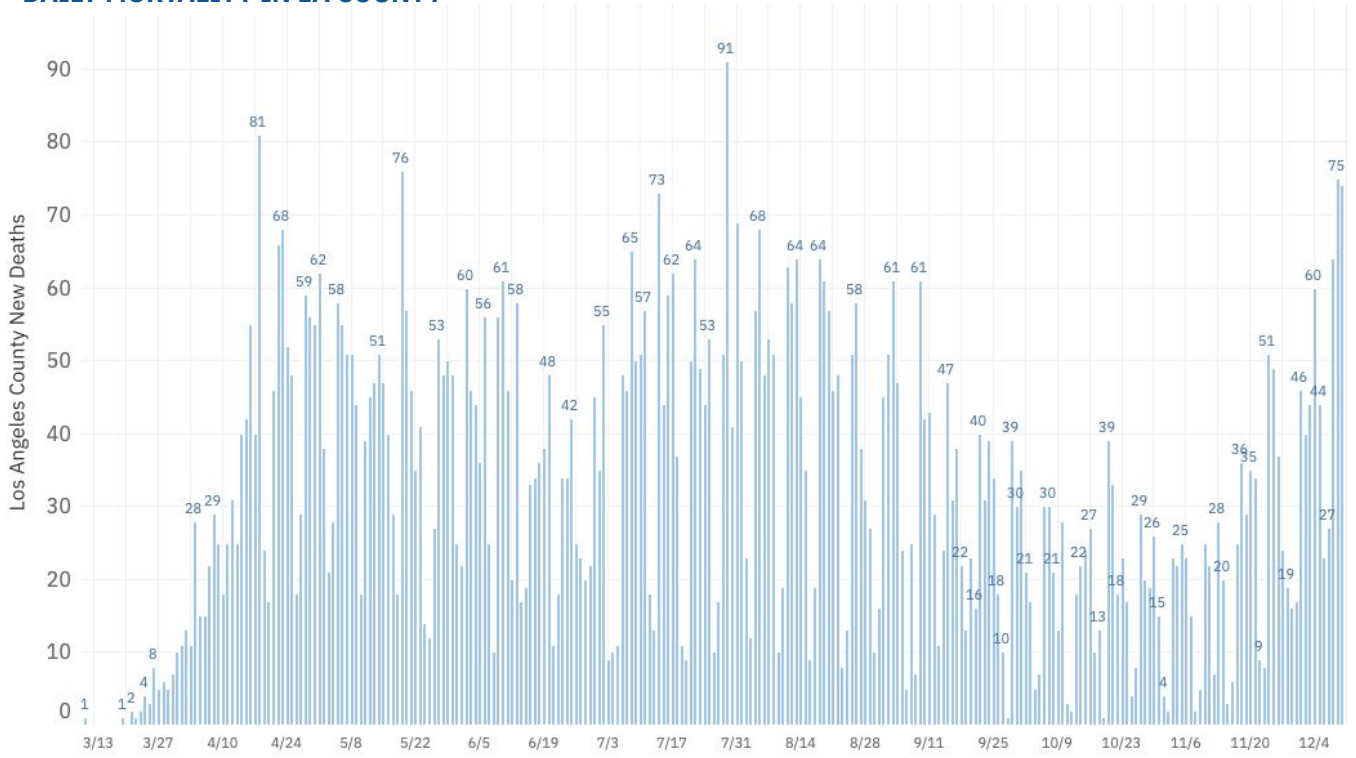
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.

LA County Mortality Updates

All metrics last updated at 1 PM, December 10 2020

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
1.7%	74	8,149	220	20,463	3,321	291K	12,834	1.6M
Mortality Rate	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths

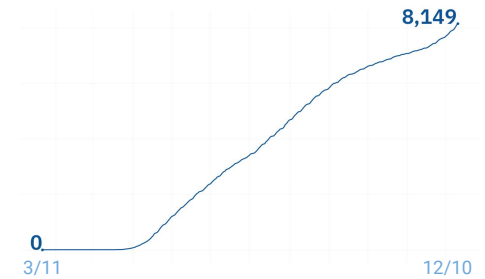
DAILY MORTALITY IN LA COUNTY



KEY TAKEAWAYS

- LA County accounts for **39.8%** of deaths in CA with an average of **52** new deaths reported from 12/3 to 12/10 (**0.7%** increase)

CUMULATIVE DEATHS



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.

LA City Testing Updates

All metrics as of December 9, 2020

TESTS COMPLETED

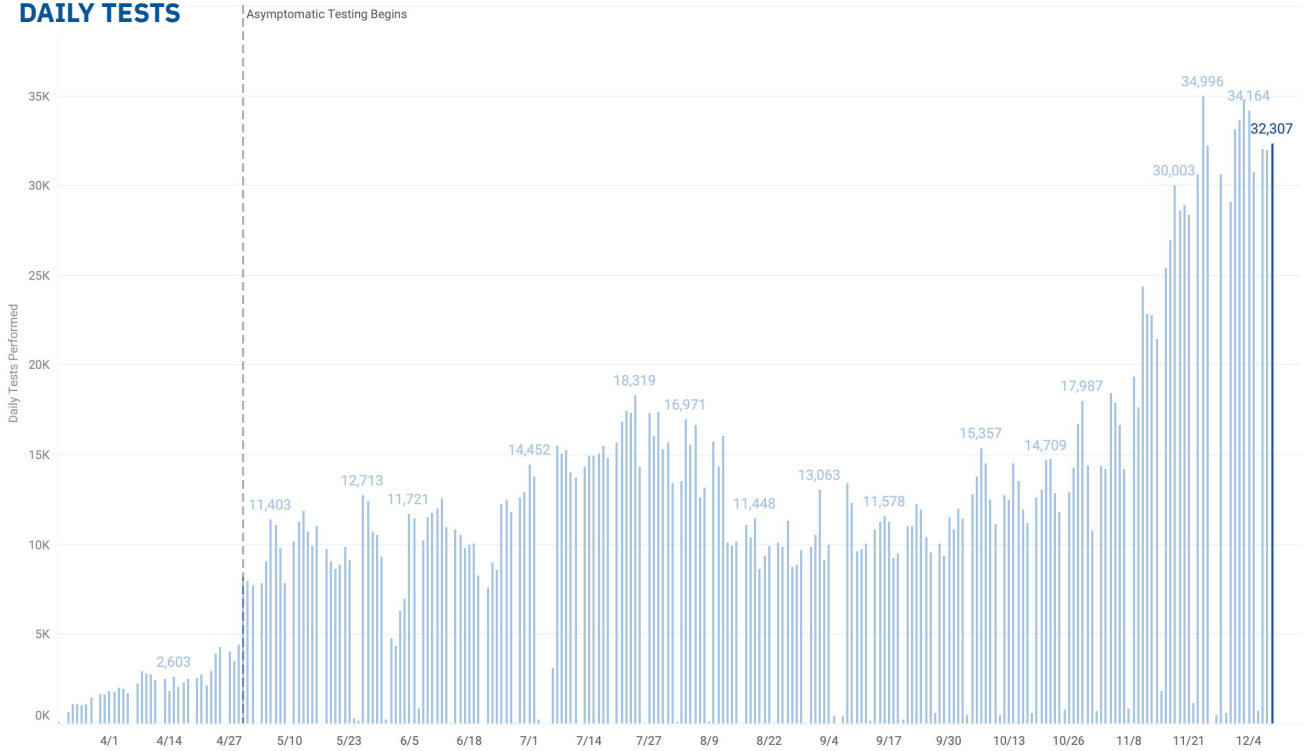
32.3K	2.72M
City Tests Since last report	City Tests Since 3/20

AVAILABILITY

10	33.4K
Total City Sites Available Today	Avail. City Testing Capacity Today

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

DAILY TESTS



TESTING IN LA CITY

7.6%

Cumulative Positivity Rate - Tests

KEY TAKEAWAYS

- At least **2,721,382** tests have been performed at City of Los Angeles since 3/20
- On average, **32,670** tests were performed each day from 12/3 to 12/9
- **197,679** of the **2,655,127** tests for which results were received were positive (7.6%)

Source: City of Los Angeles

LA Testing Updates • Positivity Rate

City positive rate as of December 9, 2020
County metrics as of December 3, 2020

TESTS COMPLETED

32.3K	2.72M
City Tests Since last report	City Tests Since 3/20

AVAILABILITY

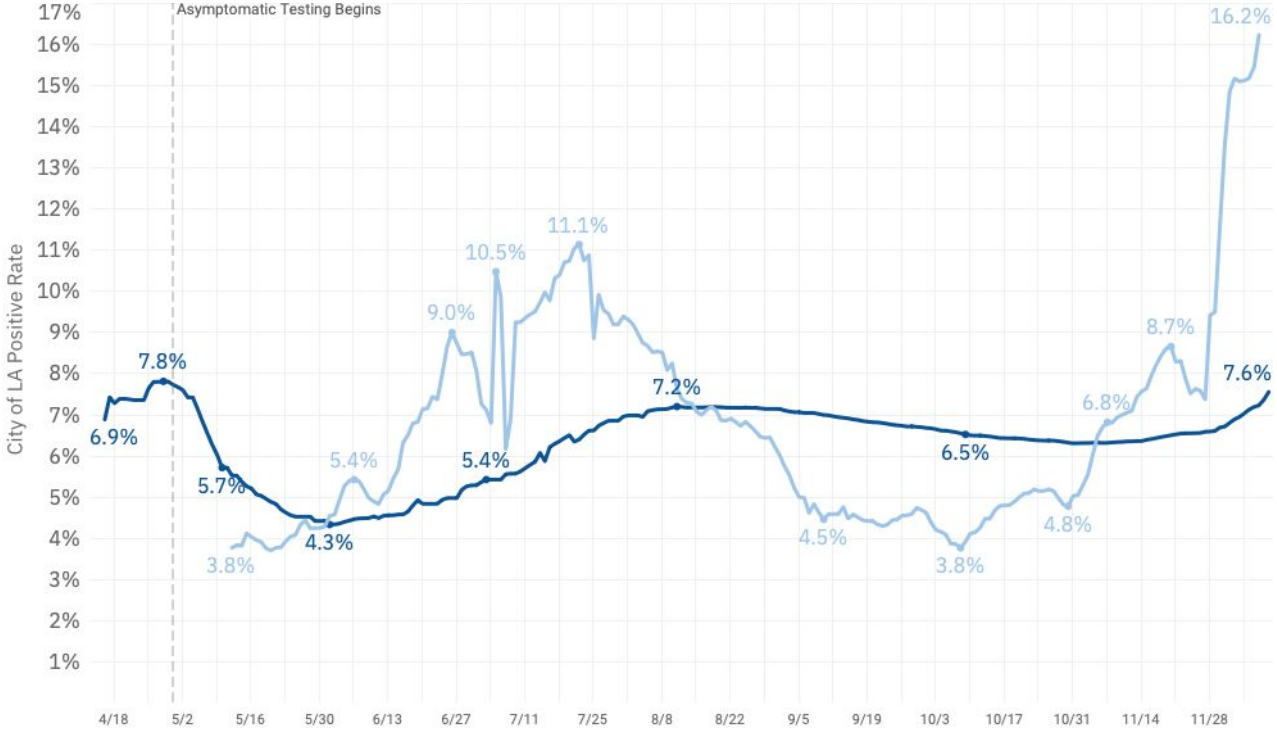
10	33.4K
Total City Sites Available Today	Avail. City Testing Capacity Today

POSITIVITY RATE

7.6%	6.8%	11.4%	11.8%	16.23%
Cumulative City - Tests	**Cumulative** County - Tests	**Cumulative** County - People	**County's 7-day Rate** For Tests (1 week lag)	**City's 7-day Rate** For Tests (2 day lag)

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

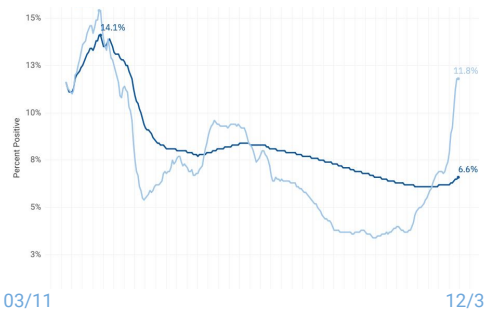
POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day for 7-day rate)



KEY TAKEAWAYS

- LA County has tested a total of at least **4,022,072** people and a total of **8,651,394** specimens (tests)

COUNTY POSITIVITY RATE (7-day lag)



Legend:
- 7-Day Positivity Rate
- Cumulative Positive Test Rate

Source: City of Los Angeles

LA Hospitalization Updates

All metrics as of December 9, unless otherwise noted

LOS ANGELES

379	3,624	32.1K
New Hospitalizations	Current Hospitalizations	Total Hospitalizations

EQUIPMENT AVAILABILITY

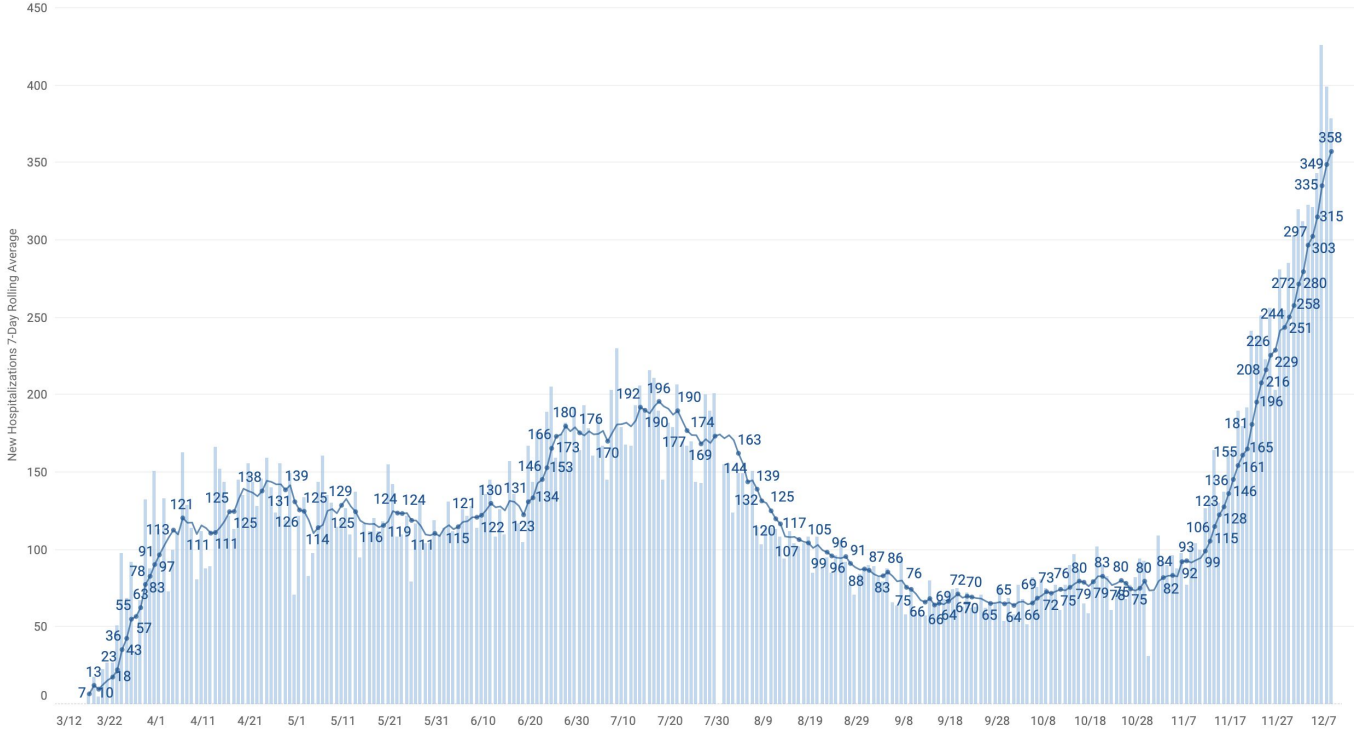
388	317	71	1141
Total Beds Available	Acute Care Beds Available	ICU Beds Available	Ventilators Available

SO-CAL REGIONAL ICU CAPACITY

↓7.7%
(as of 12/10)

The Regional Stay Home Order went into effect on 12/6 at 11:59 PM, the day after the Southern California region dipped below 15% ICU availability. This order prohibits private gatherings of any size, closes sector operations except for critical infrastructure and retail, and requires 100% masking and physical distancing in all others.

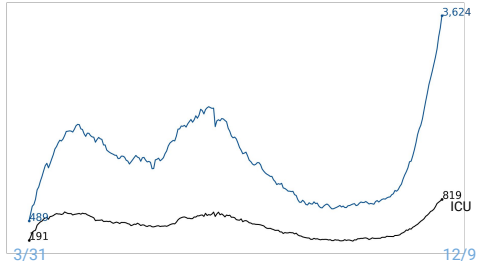
NEW HOSPITALIZATIONS IN LA COUNTY



KEY TAKEAWAYS

- At least 32,140 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: +5.6%
INCREASE IN ICU: +3.3%



Legend (for graph on left)
- New Hospitalizations (7 Day Rolling Average)
- New Hospitalizations

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

COVID-19 • LOS ANGELES

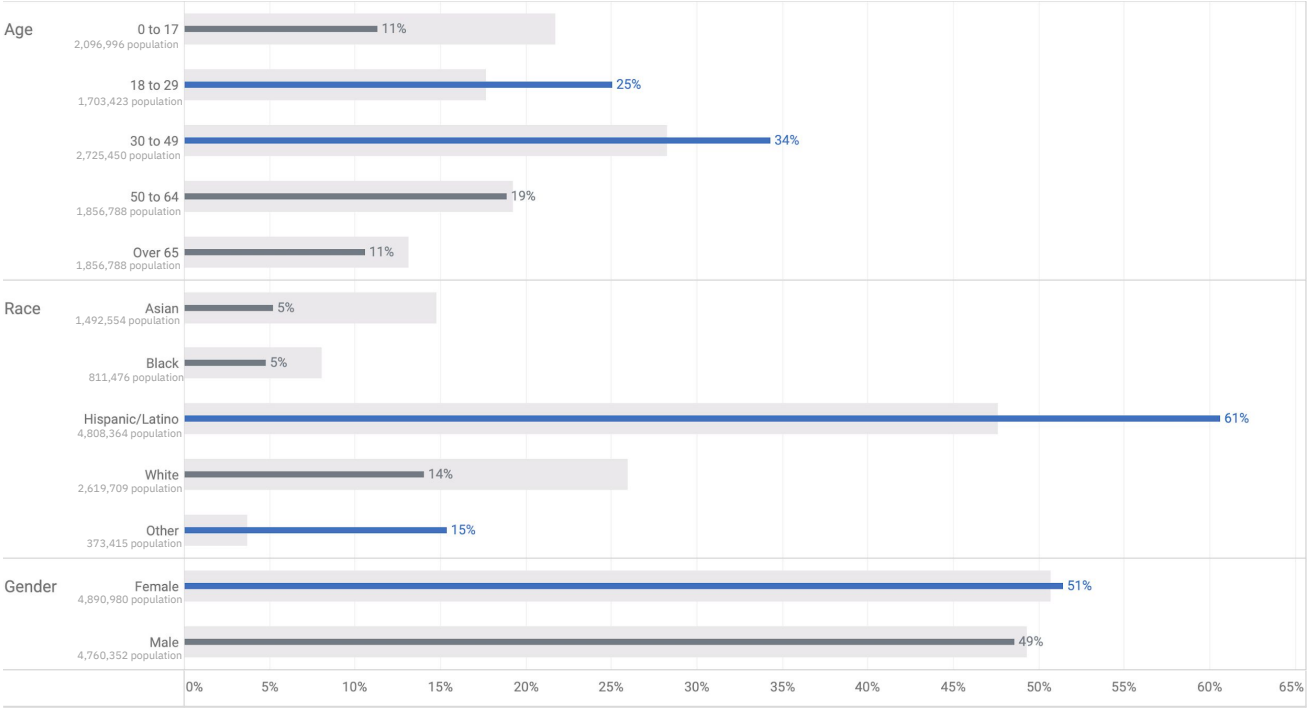
Demographic Comparisons

Cases by Demographics*

All metrics last updated at 1 PM, December 5, 2020

11%	25%	34%	19%	11%
0 to 17 yrs	18 to 29 yrs	30 to 49 yrs	50 to 64 yrs	65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION



KEY TAKEAWAYS

- Data is incomplete with **32.6% of cases still under investigation**

MOST IMPACTED GROUPS

- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds

Legend:

Percent of LA County Population

Percent of Total Cases

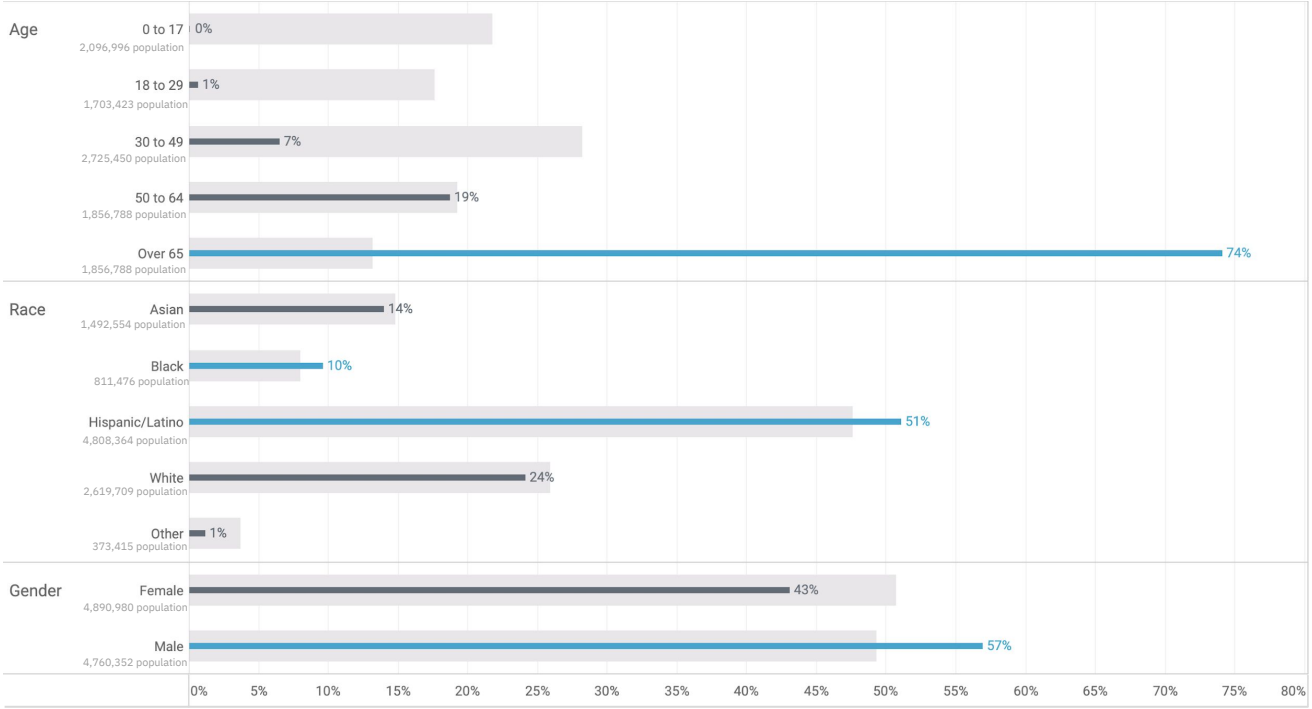
Source: Los Angeles Department of Public Health.

Deaths by Demographics*

All metrics last updated at 1 PM, December 5, 2020

0%	1%	7%	19%	74%
0 to 17 yrs	18 to 29 yrs	30 to 49 yrs	50 to 64 yrs	65+

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION



KEY TAKEAWAYS

- Data is incomplete with **0.3% of deaths still under investigation**
- 7374 out of 7909 deaths (93.2%) had comorbidities (underlying conditions)

MOST IMPACTED GROUPS

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

Legend

Percent of LA County Population

Percent of Total Deaths

Source: Los Angeles Department of Public Health.

COVID-19 DATA SUMMARY

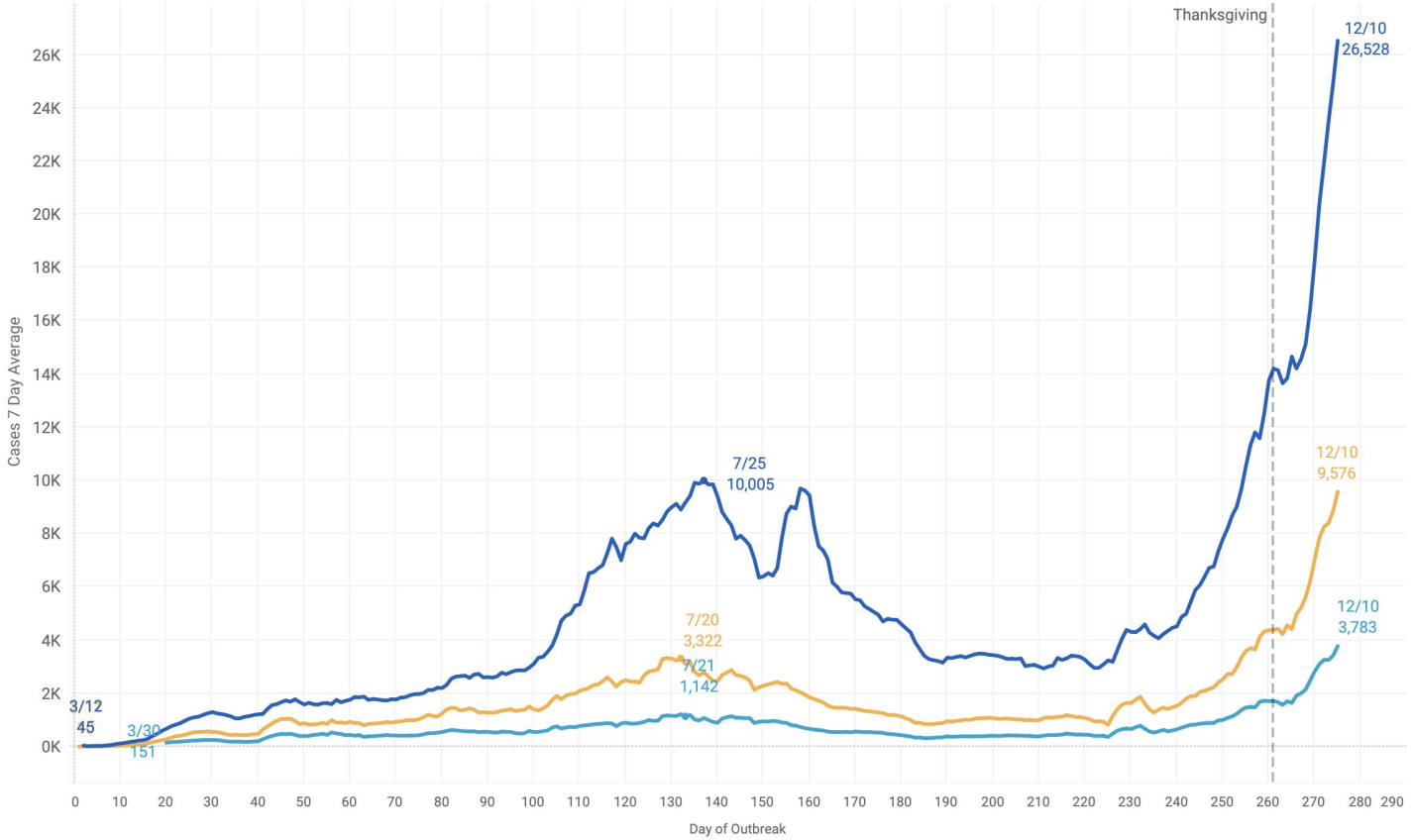
Comparative Updates

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

As of December 10, 2020, Updated 12:30 PM

Key Takeaways:

- An average of **26,528** Cases reported in CA from 12/3 to 12/10 (**1.9%** increase)
- LA County accounts for **33.6%** of cases in CA with an average of **9,576** new cases reported from 12/3 to 12/10 (**2.3%** increase)
- The City of LA accounts for **13.7%** of cases in CA with an average of **3,783** new cases reported from 12/3 to 12/10 (**2.2%** increase)



California
LA County
City of LA

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

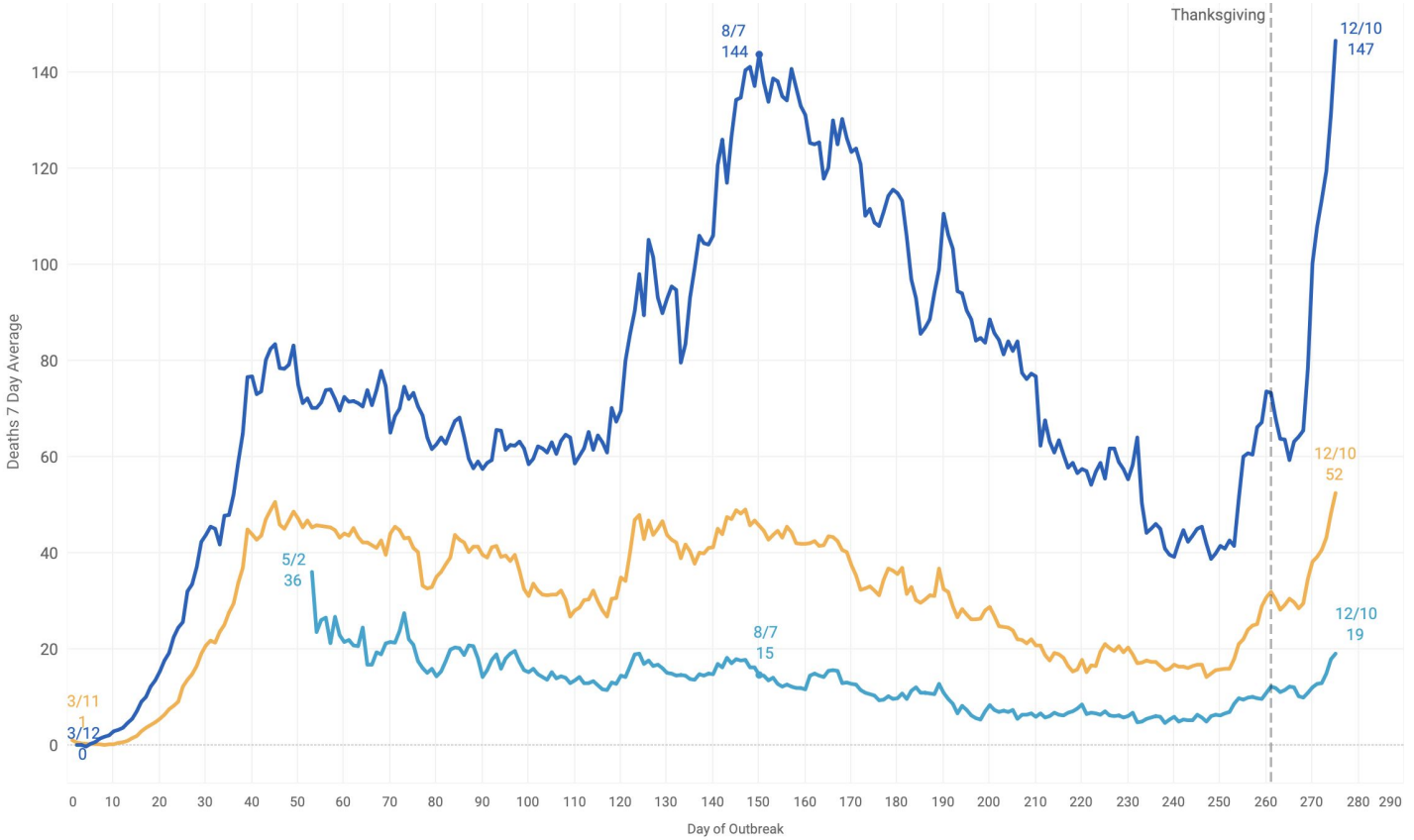
MORTALITY

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

As of December 10, 2020, 12:30 PM

Key Takeaways:

- An average of **147** Deaths reported in CA from 12/3 to 12/10 (**0.7%** increase)
- LA County accounts for **39.8%** of deaths in CA with an average of **52** new deaths reported from 12/3 to 12/10 (**0.7%** increase)
- The City of LA accounts for **16.6%** of deaths in CA with an average of **19** new deaths reported from 12/3 to 12/10 (**0.6%** increase)



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.

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

COVID-19 • LOS ANGELES COUNTY

Medical Capacity and Supplies

Hospital Bed and Equipment Capacity for LA County

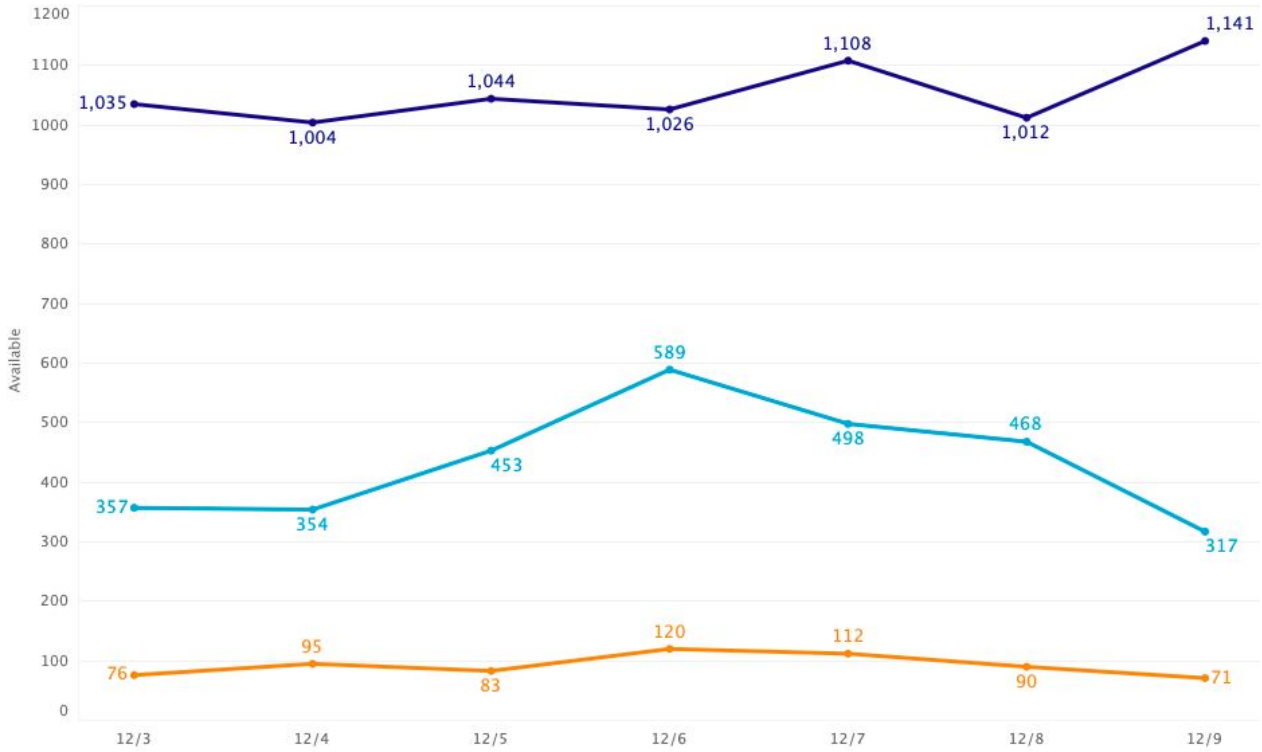
As of December 9 • One-day lag

Key Takeaways:
388 total beds

Since last week, there has been a:
•**11.2% decrease** in available acute care beds. Surge capacity is 11,482

• **6.6% decrease** in available ICU beds. Surge capacity is 4,067

• **10.2% increase** in available ventilators. Surge capacity is 3,199



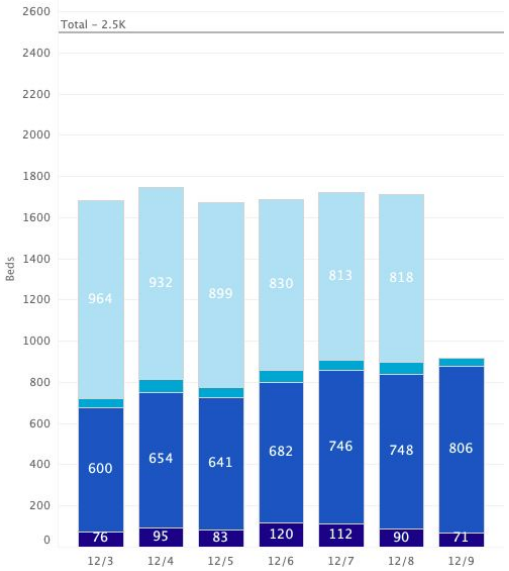
County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories
(ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)

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

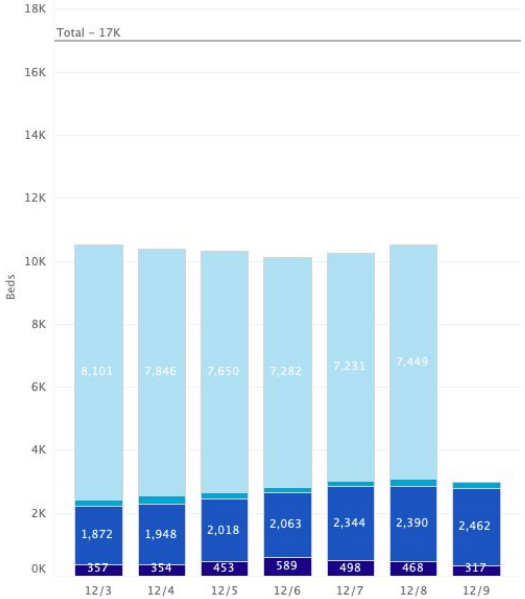
Hospital Bed and Equipment Capacity for LA County

As of December 9 • One-day lag

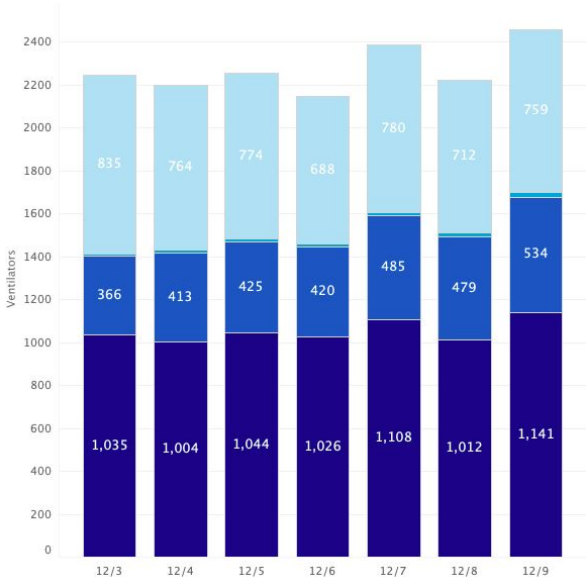
ICU BEDS



ACUTE CARE BEDS



VENTILATORS



Non-COVID Occupied
COVID Person Under Investigation
COVID Occupied
Available

*No data for 7/31 currently 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

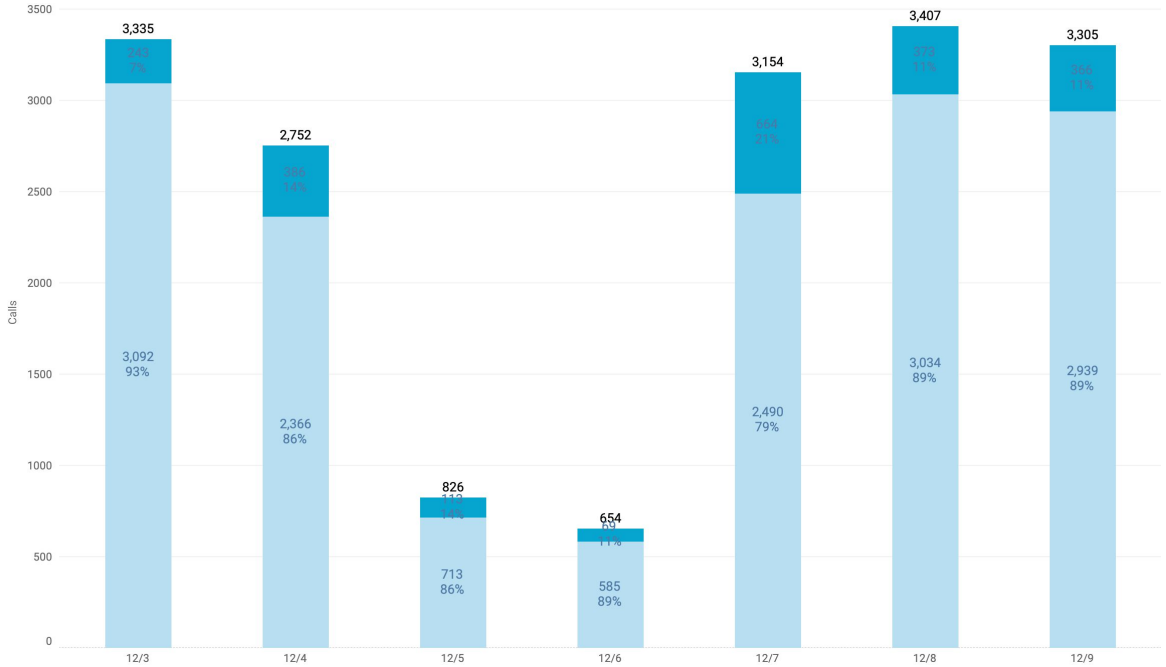
COVID-19 DATA SUMMARY

City Response and Preparedness

Hotline Services: 311 Calls

All metrics last updated December 9, 2020

366	2,939	680.4K	40.2K	30,455
COVID Related Calls	Non-COVID Related Calls	All 311/Hotline Calls Since 3/26	Total COVID Calls - Since 3/26	Total Calls for Angeleno Card



KEY TAKEAWAYS

11% of the total 311 calls were COVID-related.

CALL THEMES

- Testing
- SERVE Program
- Parking
- Rent/eviction or financial help

Legend:

311 - COVID

311 - Non-COVID

Source: ITA - 311 Contact Center

COVID-19 • Los Angeles City Overview

Economic Analysis

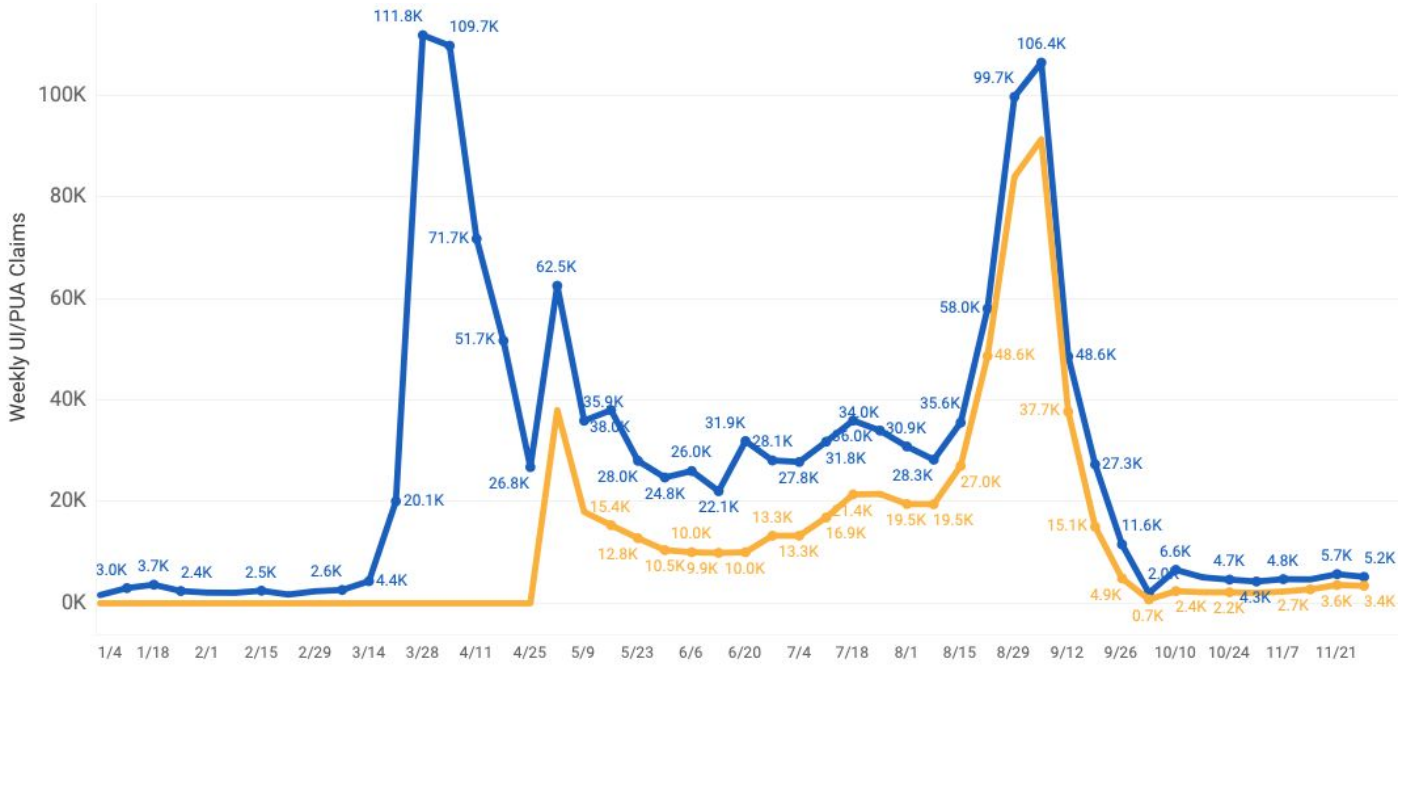
New Unemployment Insurance (UI) Claims for the City of Los Angeles

As of November 28, 2020

Key Takeaways:

- **5.2K** new claims from 11/22-11/28, 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

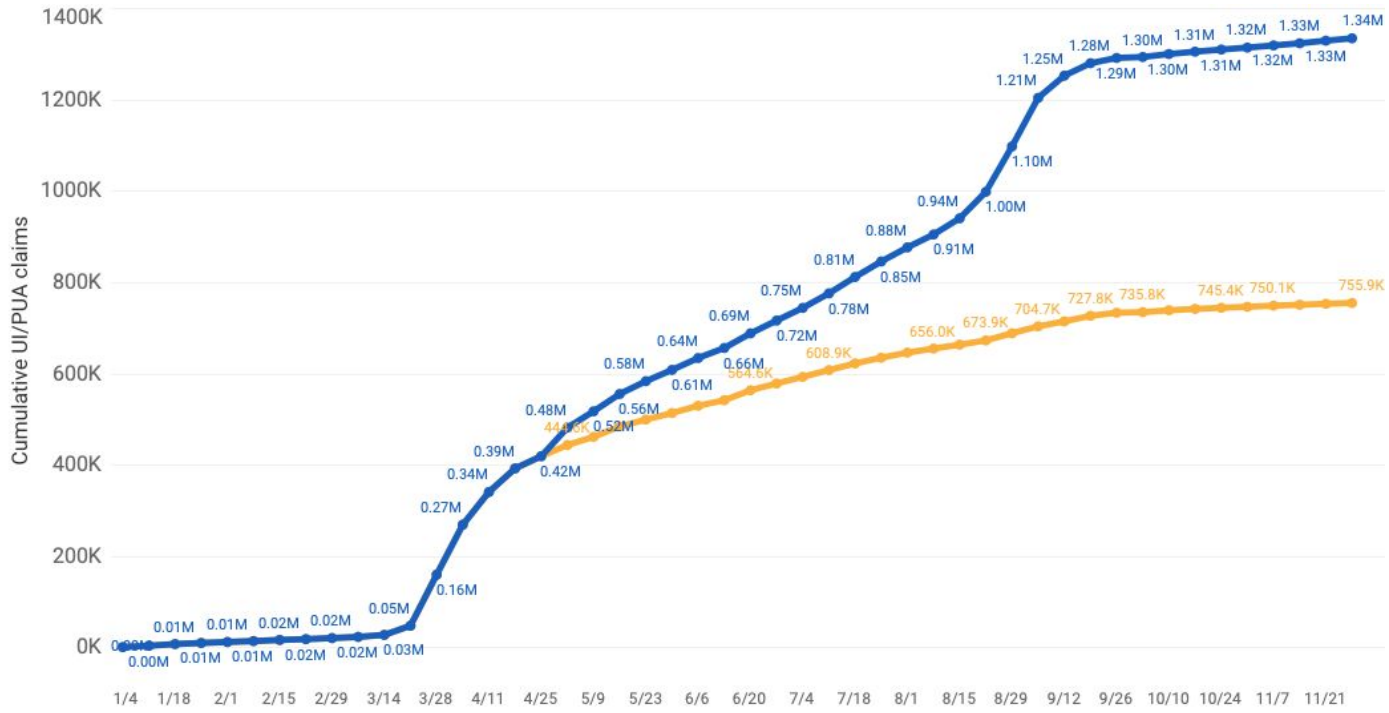


Source: California EDD

Cumulative Insurance Claims for the City of Los Angeles
As of November 28, 2020

Key Takeaways:
- September unemployment (seasonally-adjusted) is estimated at **12.3%** for LA County. This is lower than September's numbers (15.5%)

- **1,336,119** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020

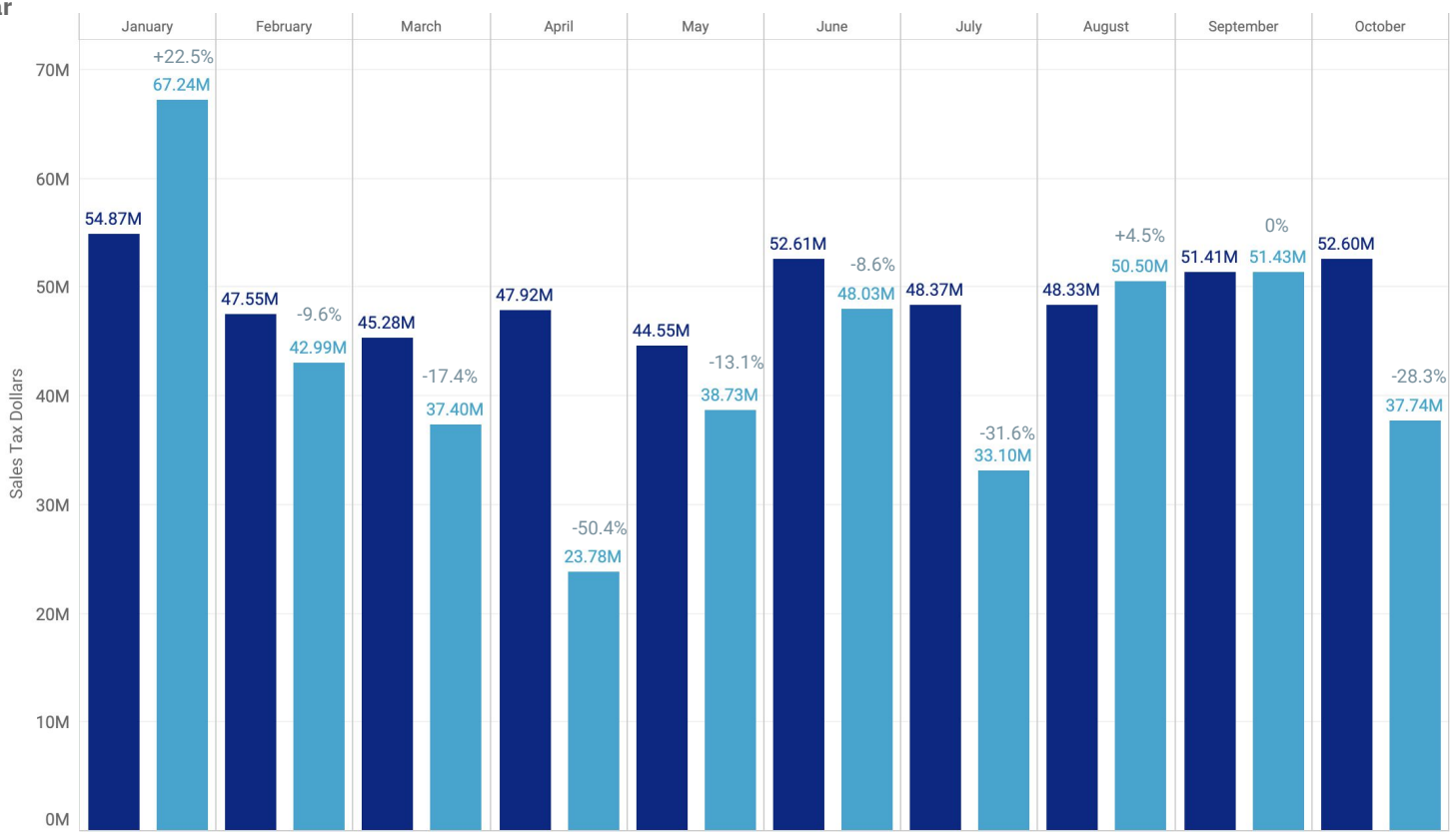


Source: California EDD

City of LA Sales Tax Revenue
As of October 2020

14.6% decrease compared to last year

- Jan to July 2019: **$341,146,102**
- Jan to July 2020: **$291,253,631**



2019
2020

Source: California EDD

Prepared by Mayor's Innovation Team

End of Report
December 10, 2020