Eric Garcetti
@MayorOfLA

DAILY LOS ANGELES

COVID-19 Data Summary

Response Day 385
Thursday, April 1, 2021

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

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- United States Updates
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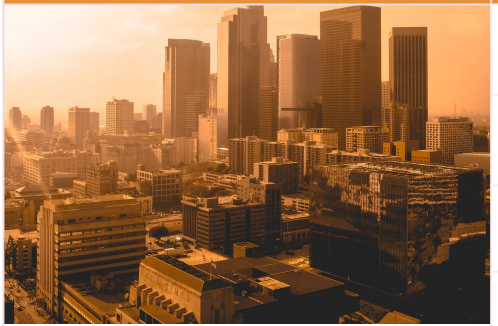
COVID-19 DATA SUMMARY

Data Snapshot

CURRENT LOS ANGELES COUNTY RISK LEVEL: ***MODERATE***	**METRICS** As of March 30, 2021 *Based on data from 3/14/21-3/20/21*	REPORTING DATE	RATE	% DIFF VS LAST METRICS	LAST REPORTING DATE	PREVIOUS METRICS
	**New COVID-19 positive cases per 100K**	3/30/21	3.8	-20.8%	3/23/21	4.8
	Adjusted case rate for tier assignment	3/30/21	3.1	-16.2%	3/23/21	3.7
	Positivity Rate	3/30/21	1.5%	-0.3% *(% Point Difference)*	3/23/21	1.8%
	Health Equity Metric (starting 10/6)	3/30/21	2.1%	-0.4% *(% Point Difference)*	3/23/21	2.5%

What *Statewide Vaccine Equity Goals* mean

Every county in California is assigned to a tier based on its positivity rate, adjusted case rate, health equity metric, and the State's vaccine equity metric. Counties must remain in a tier for at least three weeks before moving to a less restrictive tier. Counties must meet the next tier's criteria for two consecutive weeks to move to a less restrictive tier. If a county's metrics worsen for two consecutive weeks, it will be assigned a more restrictive tier.

In mid-March 2021, California reached 2 million vaccination doses for its vaccine equity metric. In accordance with the State's updated Blueprint for a Safer Economy framework, Los Angeles County qualified for the "Moderate" or orange tier on March 30. The tier's permitted openings and modifications are in effect April 5.

Source: California Department of Public Health

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.

CA vaccine doses administered in the top Health Places Index quartile	**Current**: ≤2M Administered	**Goal 1:** 2M Administered	**Goal 2:** 4M Administered
Tier 1 Widespread	Case Rate >7	Case Rate >10	Case Rate >10
Tier 2 Substantial	Case Rate 4 - 7	Case Rate 4 - 10	Case Rate 5-10
Tier 3 Moderate	Case Rate 1-3.9	Case Rate 1-3.9	Case Rate 2-5.9
Tier 4 Minimal	Case Rate <1	Case Rate <1	Case Rate <2

Table Above: Blueprint Tier Framework Thresholds Upon Meeting Statewide Vaccine Equity Metric Goals. For more information: Blueprint for a Safer Economy

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** (vs last week), **Acute Care Bed Capacity**, **ICU Bed Capacity** (vs baseline), and **LA City Unemployment Insurance Claims**

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

Note: *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 3/31/2021*

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

Prepared by Mayor's Innovation Team

METRICS As of April 1, 2021, 3 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.)	**609** (7-day avg)	↗	+7.2%	↘	-41.6%
New Deaths (7-day avg.)	**27** (7-day avg)	↘	-48.8%	↘	-46.6%
COVID 7-Day Positive Test Rate (as of one week ago)	**1.4%** (overall)	↘	-0.3%	↘	-10.2% COVID+ Test Rate is % Point Difference w/ baseline
New Hospitalizations (7-day average)**	**59** (7-day avg)	↘	-9.1%	↘	-62.3%
Acute Care Bed Capacity (7-day average)**	**391** (7-day avg)	↘	-14.4%	↘	-65%
ICU Bed Capacity (7-day average)**	**110** (7-day avg)	↗	+11.9%	↘	-54.7%
LA City Crime (7-day avg) baseline = 2020 YTD	**434 daily crimes** (7-day avg) as of 3/27/2021	↘	-5.3%	↘	-8.4%
LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2020 week	**5,173** as of 3/13/2021	↗	+13.3%	↗	+19%

COVID-19 DATA SUMMARY

United States Updates

TOTAL COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons

As of March 31, 2021, 11:00 AM • One-day lag

Cases have begun to decrease overall, but remain high.
The top five states with the highest numbers of total cases are:

California: 3.7M cases (9,274.6 per 100K)
59.3K deaths (149.8 per 100K)

Texas: 2.8M cases (9,727.3 per 100K)
48.3K deaths (168.1 per 100K)

Florida: 2.1M cases (9,661.0 per 100K)
33.4K deaths (156.9 per 100K)

New York: 1.9M cases (9,585.1 per 100K)
50.3K deaths (257.4 per 100K)

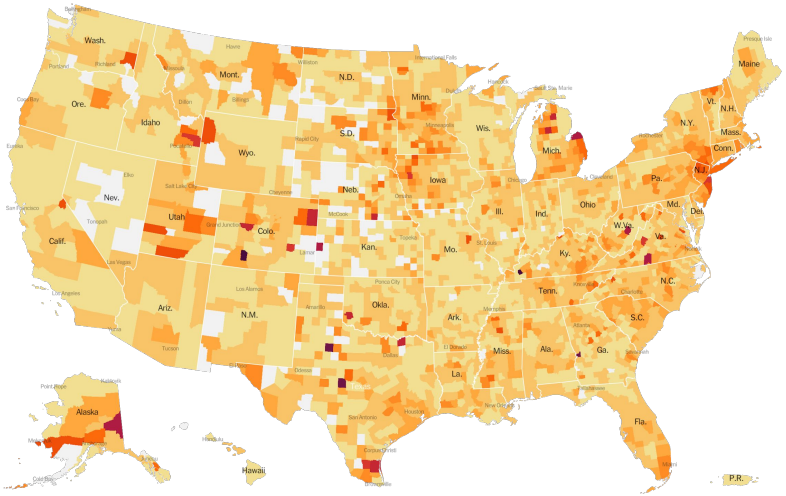
Illinois: 1.2M cases (9,767.6 per 100K)
23.6K deaths (185.1 per 100K)

Georgia, Pennsylvania, Ohio, North Carolina, and New Jersey follow to comprise the top 10 states reporting the highest numbers of total cases.

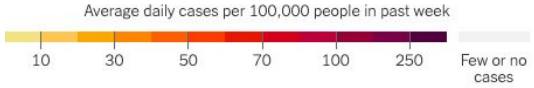
California ranks ...
#1 in Cumulative Cases
#31 in Cases per 100K

#1 in Cumulative Deaths
#29 in Deaths per 100K

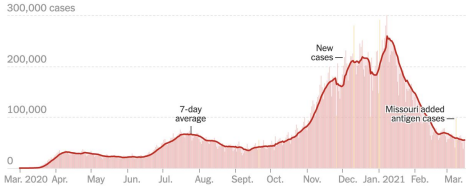
Source: Johns Hopkins University and NY Times



Legend for map



New cases per day in the United States



NEW COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons

As of March 31, 2021, 11:00 AM • One-day lag

Cases have begun to decrease overall, but remain high.
The top five states with the highest numbers of new cases are:

New York: +7.8K cases
87 additional deaths

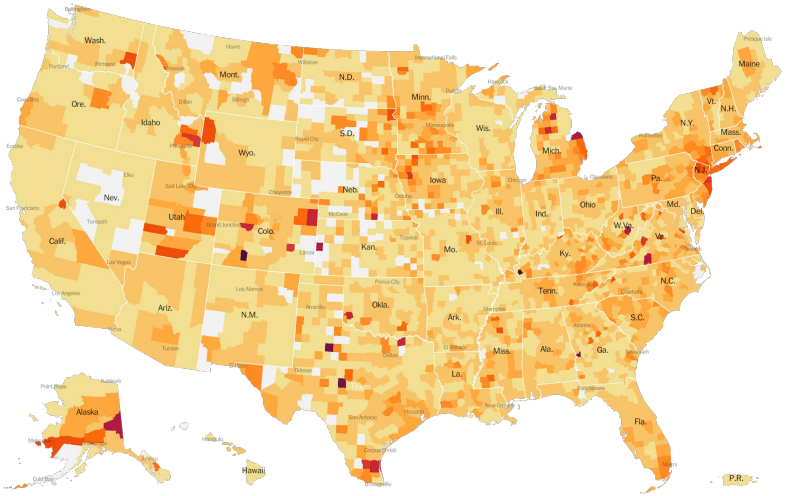
Michigan: +7.1K cases
11 additional deaths

Florida: +5.3K cases
87 additional deaths

Pennsylvania: +4.7K cases
45 additional deaths

New Jersey: +3.7K cases
75 additional deaths

Illinois, Massachusetts, Texas, California, and Ohio
follow to comprise the top 10 states reporting the highest numbers of new cases.



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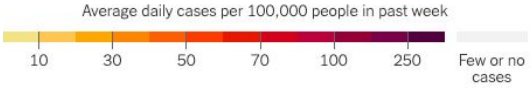
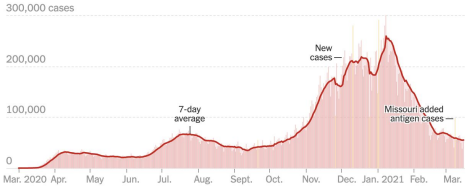


New cases per day in the United States



Source: Johns Hopkins University and NY Times

COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)

As of March 31, 2021, 11:00 AM • One-day lag

Top five counties reporting the highest numbers of per capita (per 100K) cases:

Yuma, Arizona: 17,190 cases per 100K
(36,751 total cases)

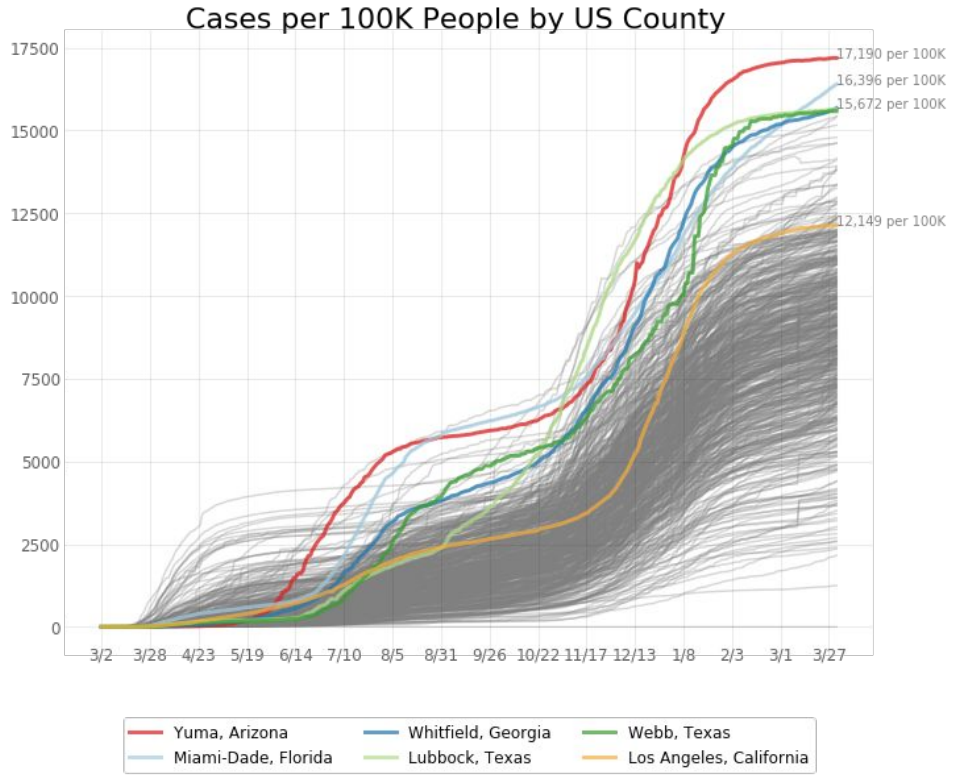
Miami-Dade, Florida: 16,396 cases per 100K
(445,464 total cases)

Whitfield, Georgia: 15,672 cases per 100K
(16,397 total cases)

Lubbock, Texas: 15,638 cases per 100K
(48,566 total cases)

Webb, Texas: 15,580 cases per 100K
(43,103 total cases)

Los Angeles, California: 12,149 cases per 100K
(1,219,614 total cases)
Los Angeles County ranks #41 out of 584 counties with 100K+



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

Prepared by Mayor's Innovation Team

COVID-19 U.S. DEATHS - Per Capita County Comparison (Counties >=100K ppl)

As of March 31, 2021, 11:00 AM • One-day lag

Top five counties reporting the highest numbers of per capita (per 100K) deaths:

Navajo, Arizona: 469.7 deaths per 100K (521 total deaths)

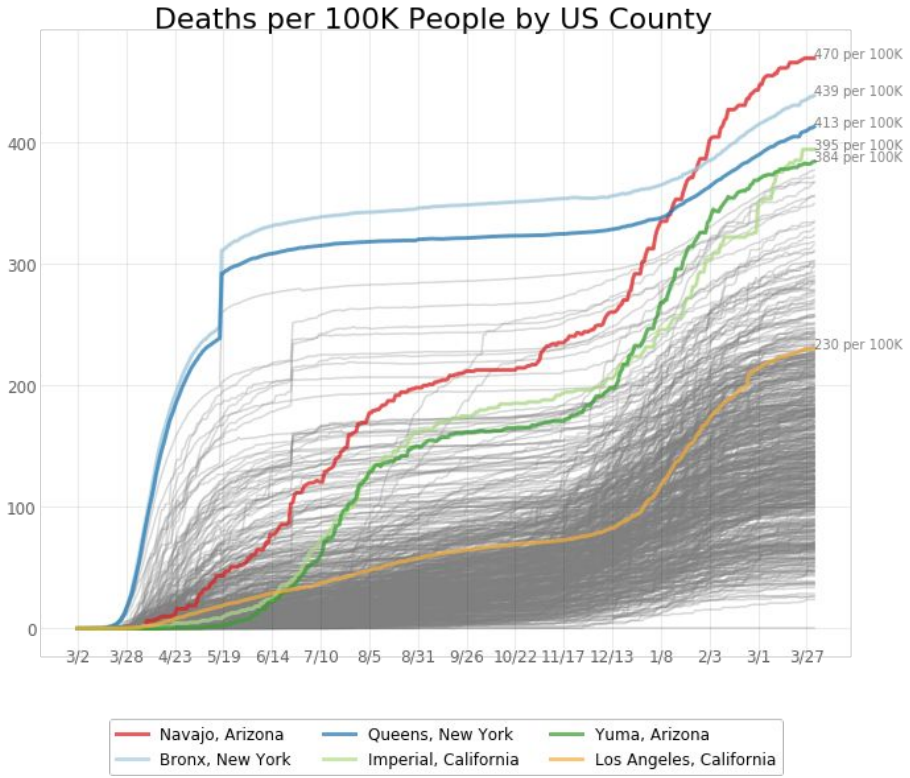
Bronx, New York: 438.9 deaths per 100K (6,224 total deaths)

Queens, New York: 413.3 deaths per 100K (9,316 total deaths)

Imperial, California: 394.6 deaths per 100K (715 total deaths)

Yuma, Arizona: 384.5 deaths per 100K (822 total deaths)

Los Angeles, California: 230.5 deaths per 100K (23,144 total deaths)
Los Angeles County ranks #73 out of 584 counties with 100K+



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

Prepared by Mayor's Innovation Team

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Key Indicators

Cases, Deaths, Testing, and Hospitalizations

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

All metrics last updated at 1 PM, April 1, 2021

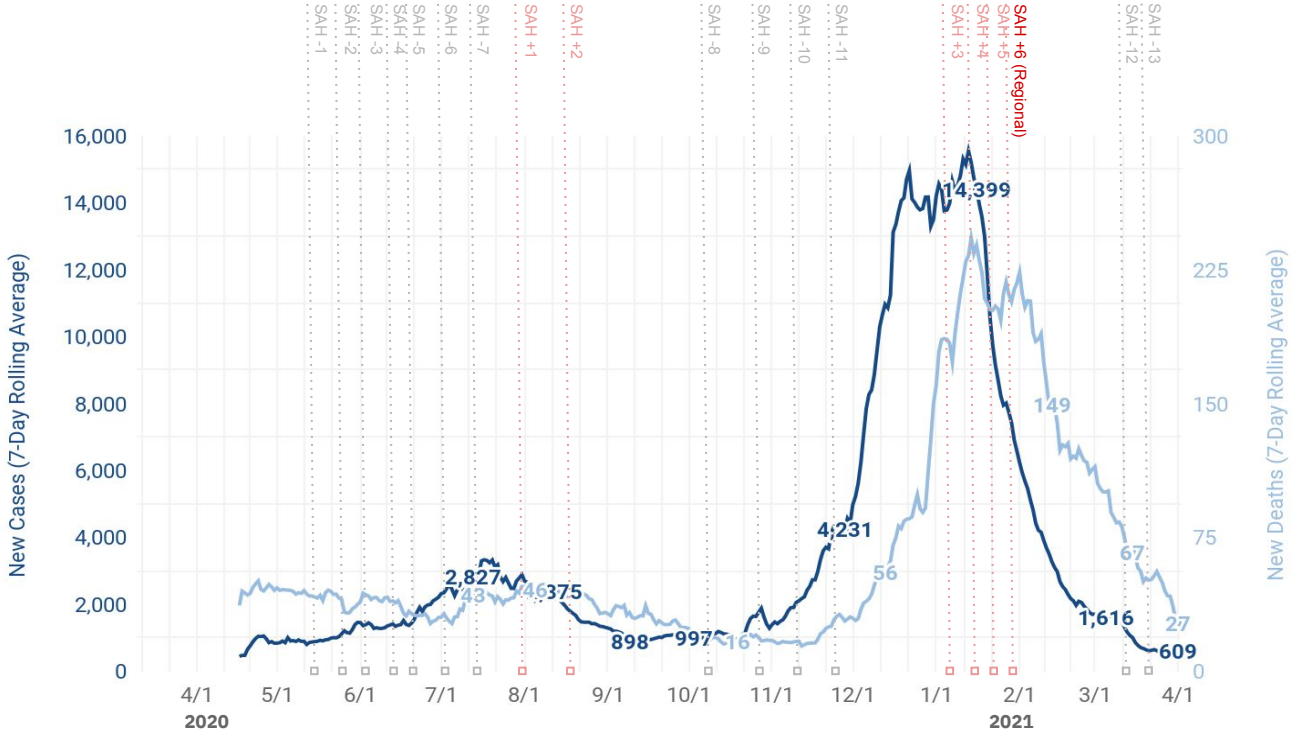
CASES DAILY UPDATE

0.95	757	1,220,246
Infection Rate Ideal < 1.0	New Cases	Total Cases

DEATHS DAILY UPDATE

1.9%	53	23,189
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 609 new cases**
- The past seven days have seen an **average daily increase of 27 new deaths**

Legend:

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

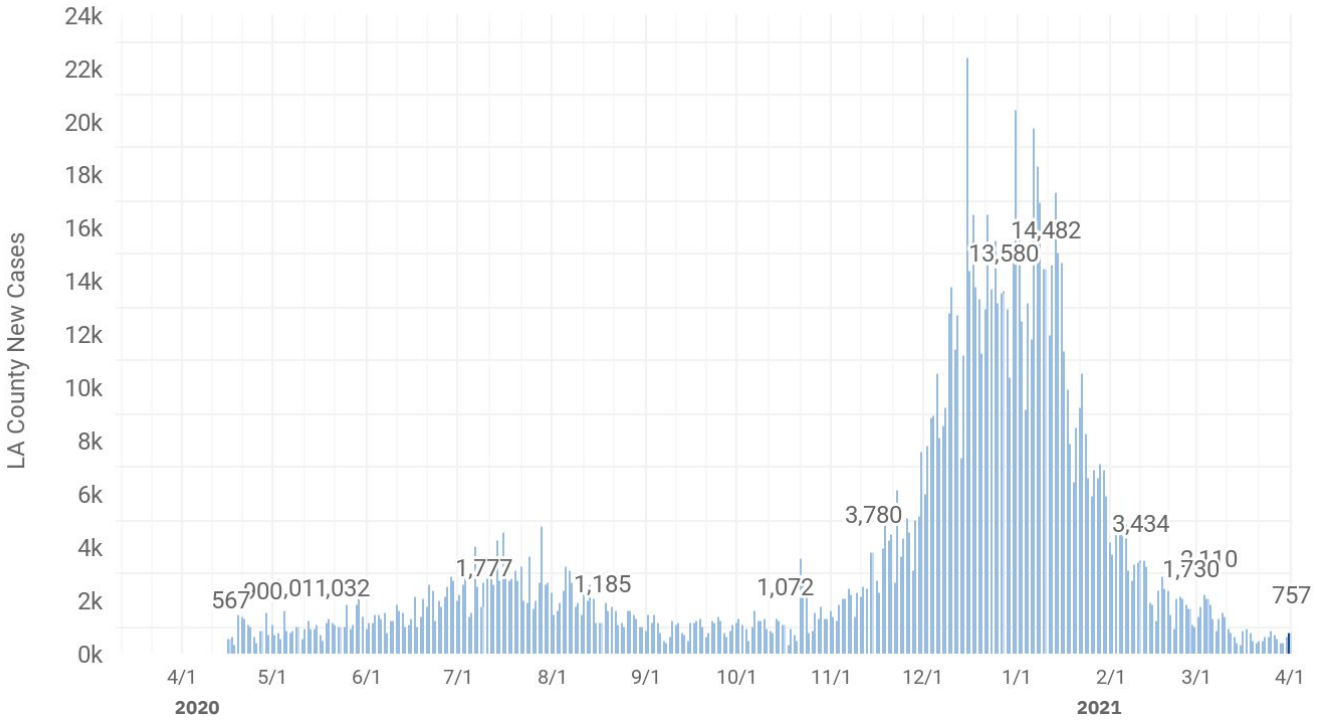
Source: Los Angeles County New Cases and New Deaths, 7-Day Average

LA County Case Updates

All metrics last updated at 1 PM, April 1, 2021 unless otherwise noted

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
0.95	757	1,220,246	2,234	3.57M	55,880	30.5M	628,469	129.2M
Infection Rate Ideal < 1.0	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases

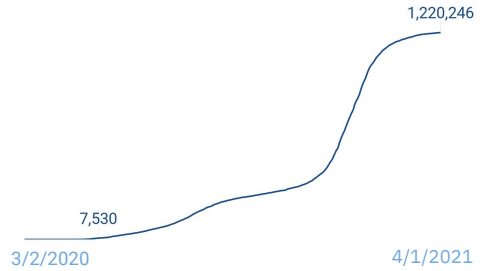
LA COUNTY DAILY CASES



KEY TAKEAWAYS

LA County accounts for **34.2%** of cases in CA with an average of **609** new cases reported from 3/26 to 4/01 (**3.6%** increase)

CUMULATIVE CASES



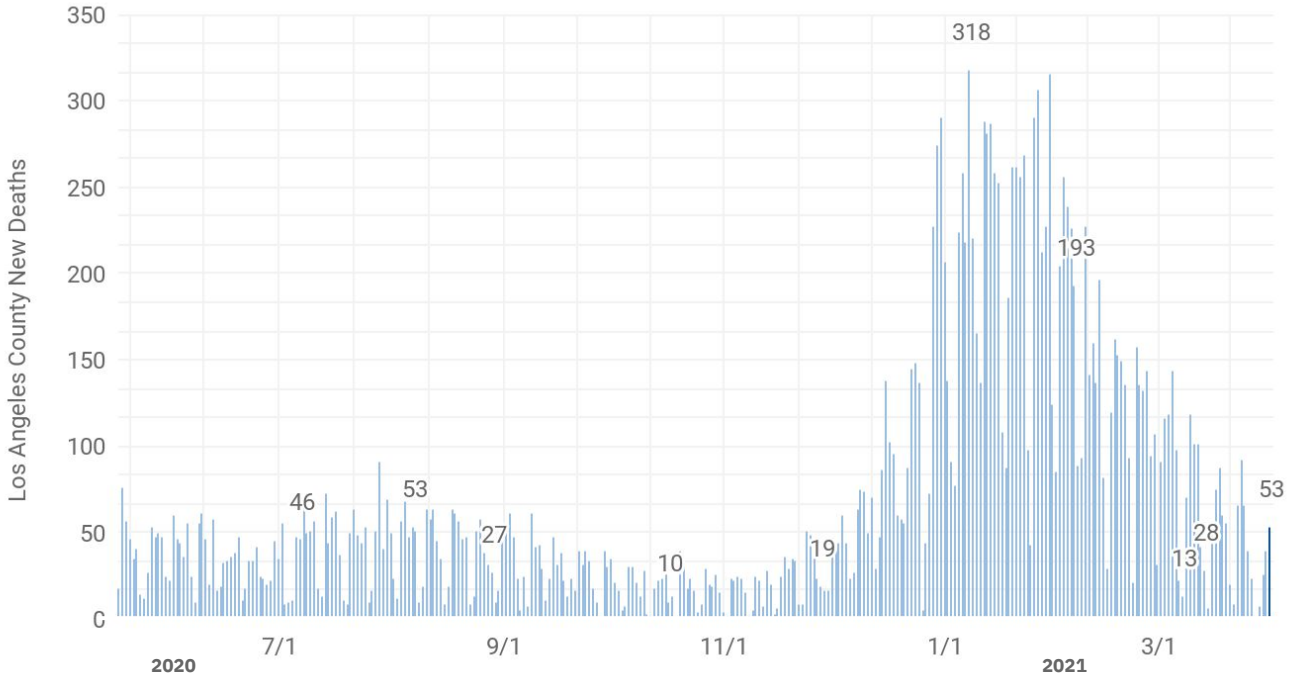
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.

LA County Mortality Updates

All metrics last updated at 1 PM, April 1, 2021 unless otherwise noted

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
1.9%	53	23,189	154	58,090	857	552.6K	11,742	2.8M
Mortality Rate	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths

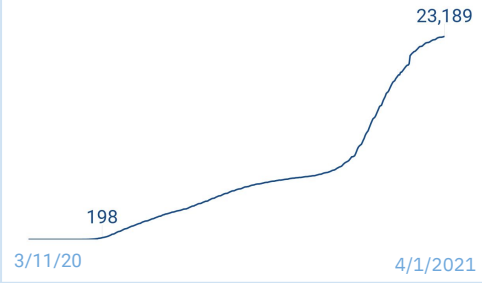
DAILY MORTALITY IN LA COUNTY



KEY TAKEAWAYS

LA County accounts for **39.9%** of deaths in CA with an average of **27 n**ew deaths reported from 3/26 to 4/01 (**-6.4%** decrease)

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 March 31, 2021

TESTS COMPLETED

4.2K
City Tests
Since last report

4.16M
City Tests
Since 3/20/20

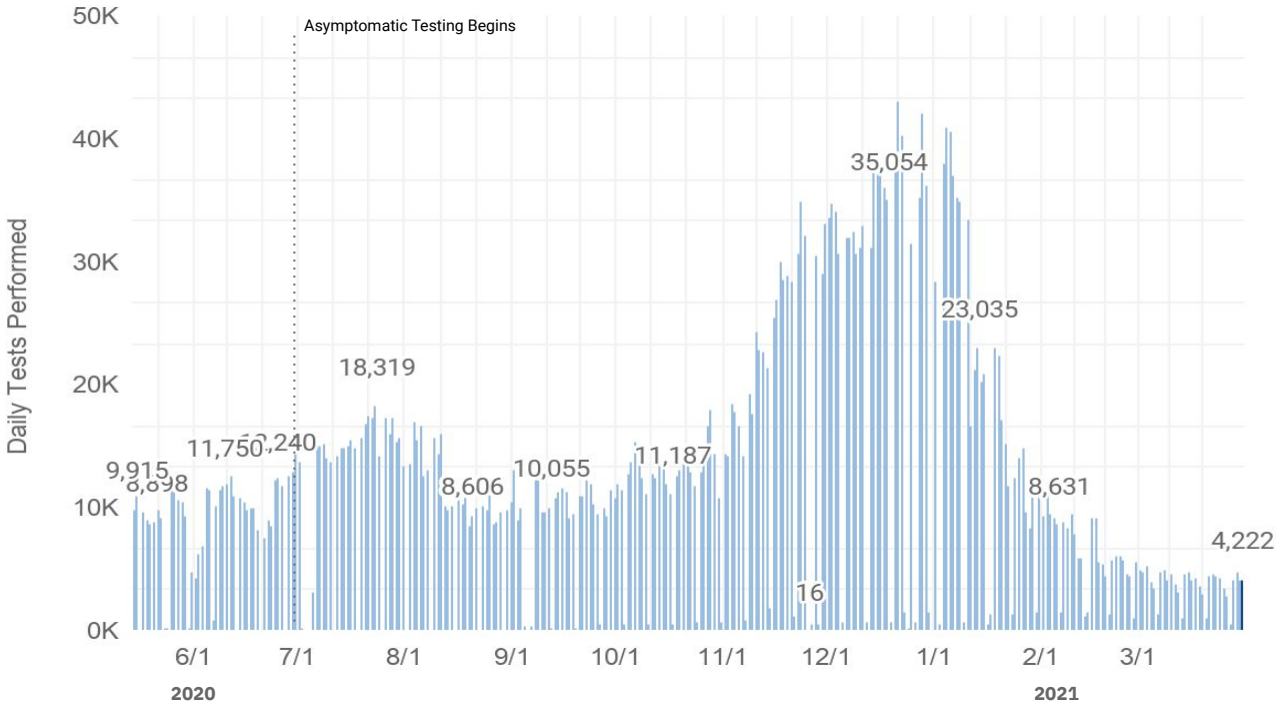
AVAILABILITY

10
Total City Sites
Available Today

35K
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

11.5%

Cumulative Positivity Rate - Tests

KEY TAKEAWAYS

- At least **4,162,656** tests have been performed at City of Los Angeles since 3/20/20
- On average, **3,986** tests were performed each day from 3/25 to 3/31
- **464,318** of the **4,080,379** tests for which results were received were positive (11.5%)

Source: City of Los Angeles

LA Testing Updates • Positivity Rate

City positive rate as of March 31/March 30, 2021
County metrics as of March 25, 2021

TESTS COMPLETED

4.2K	4.16M
City Tests Since last report	City Tests Since 3/20/20

AVAILABILITY

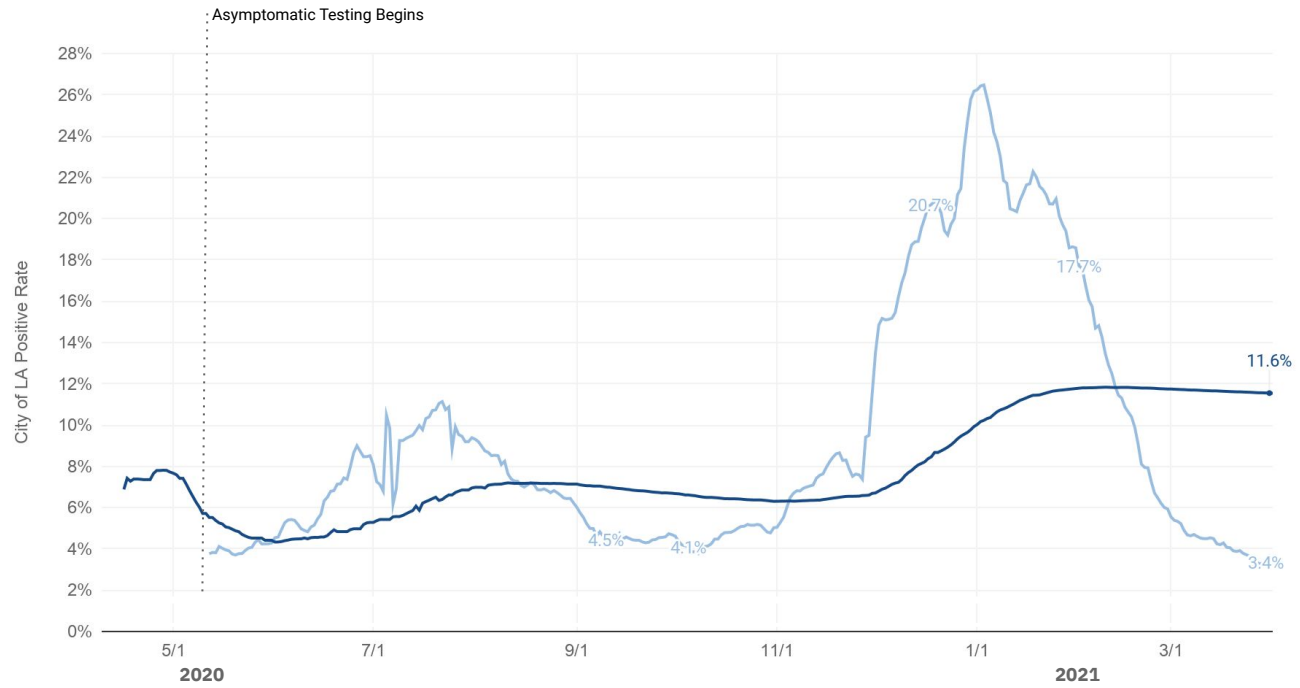
10	35K
Total City Sites Available Today	Avail. City Testing Capacity Today

POSITIVITY RATE

11.5%	8.7%	18.6%	1.4%	3.37%
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.

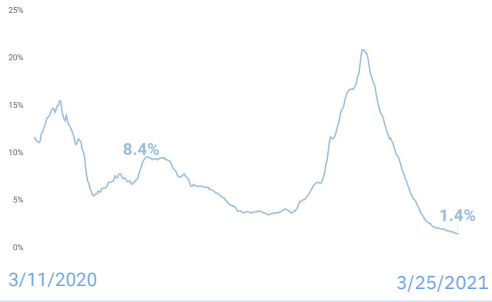
POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day lag for 7-day rate)



KEY TAKEAWAYS

LA County has tested a total of at least **6,101,752** people and a total of **16,707,196** 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 March 31, 2021, unless otherwise noted

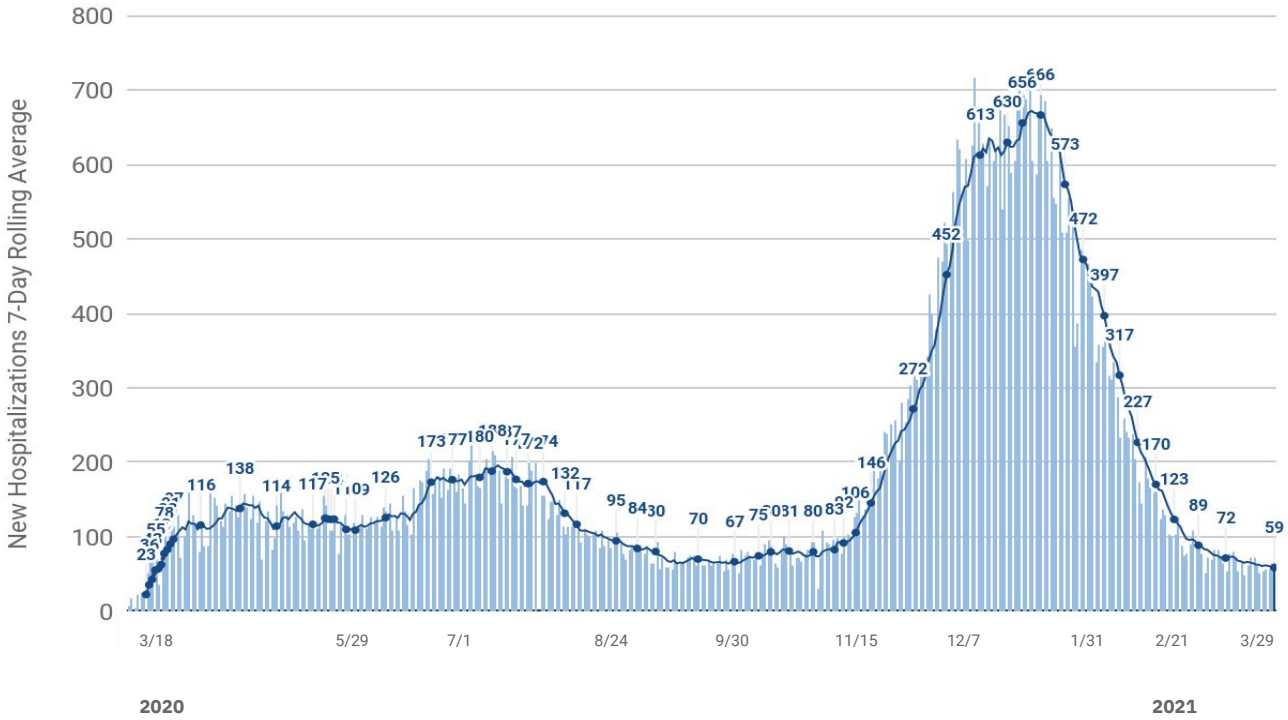
HOSPITALIZATIONS

64	634	66.4K
New Hospitalizations	Current Hospitalizations	Total Hospitalizations

EQUIPMENT AVAILABILITY

480	361	119	1,494
Total Beds Available	Acute Care Beds Available	ICU Beds Available	Ventilators Available

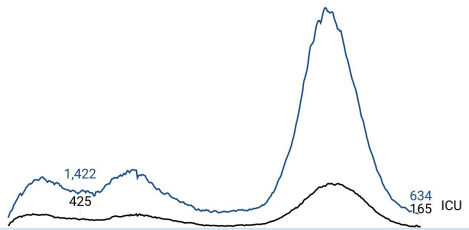
NEW HOSPITALIZATIONS IN LA COUNTY



KEY TAKEAWAYS

At least **65,662** people have been hospitalized since 3/18/2020

CURRENTLY HOSPITALIZED: -2.8% change
ICU HOSPITALIZED: -0.6% change



Legend (for graph on left)

- New Hospitalizations (7 Day Rolling Average)
- New Hospitalizations

Source: New Hospitalizations data from County HavBed Bed Tracking. County Hospitalization data from CA Open Data Portal

COVID-19 • LOS ANGELES

COVID Vaccinations

COVID-19 Vaccinations Administered at City Sites

All metrics as of March 31, 2021, unless otherwise noted

CITY OF LOS ANGELES (AS OF 3/27)

853,739
Vaccines Received

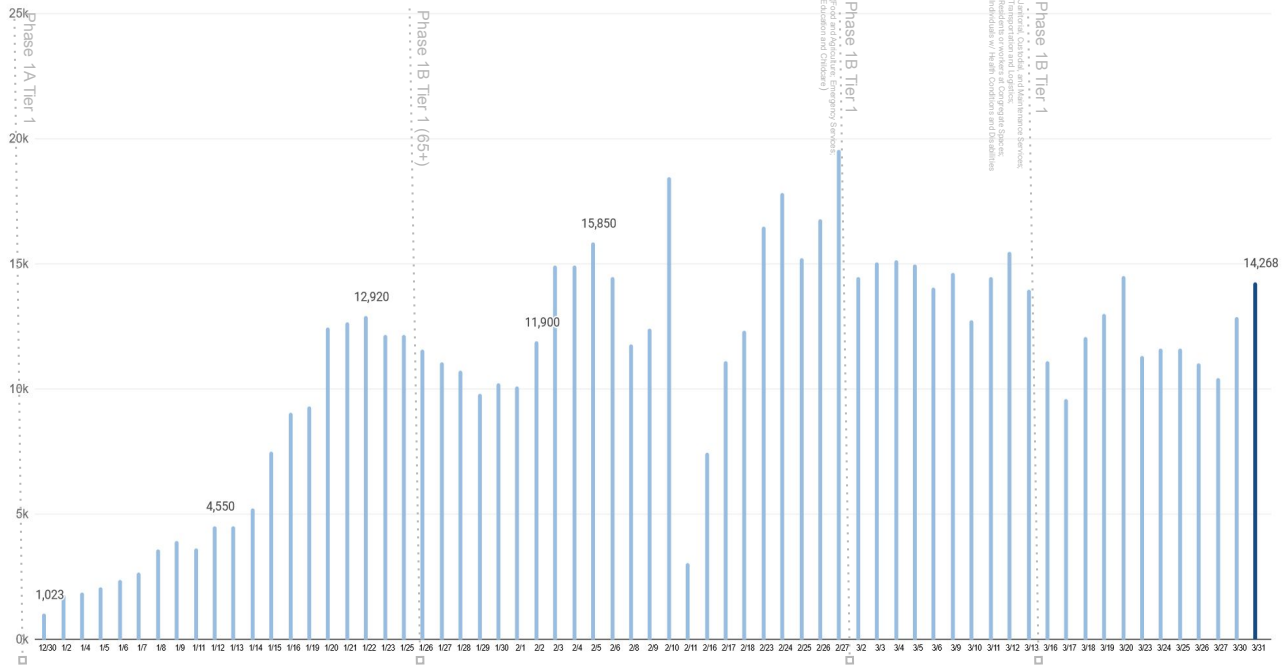
787,123
Vaccines Administered

LOS ANGELES COUNTY (AS OF 3/29)

4,338,894
Vaccines Administered*

Note: The City supply/administered count includes vaccines at City sites (including mobile vaccinations), LAFD, and Skilled Nursing Facilities (SNF). It does not include LA City Recreation and Parks locations where the City is supporting LA County DPH.

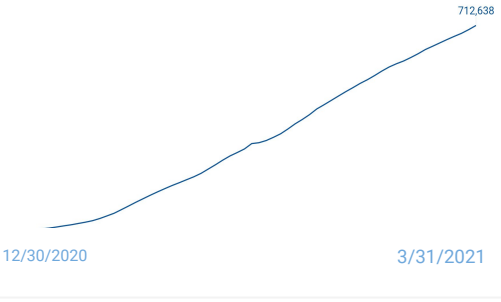
DAILY COVID-19 VACCINES ADMINISTERED AT LA CITY SITES



KEY TAKEAWAYS

Of the total administered: **22,774** vaccines have been administered to LAFD, **1,070** at SNFs, and **712,638** at City sites

CUMULATIVE VACCINES AT CITY SITES



Source: LAFD

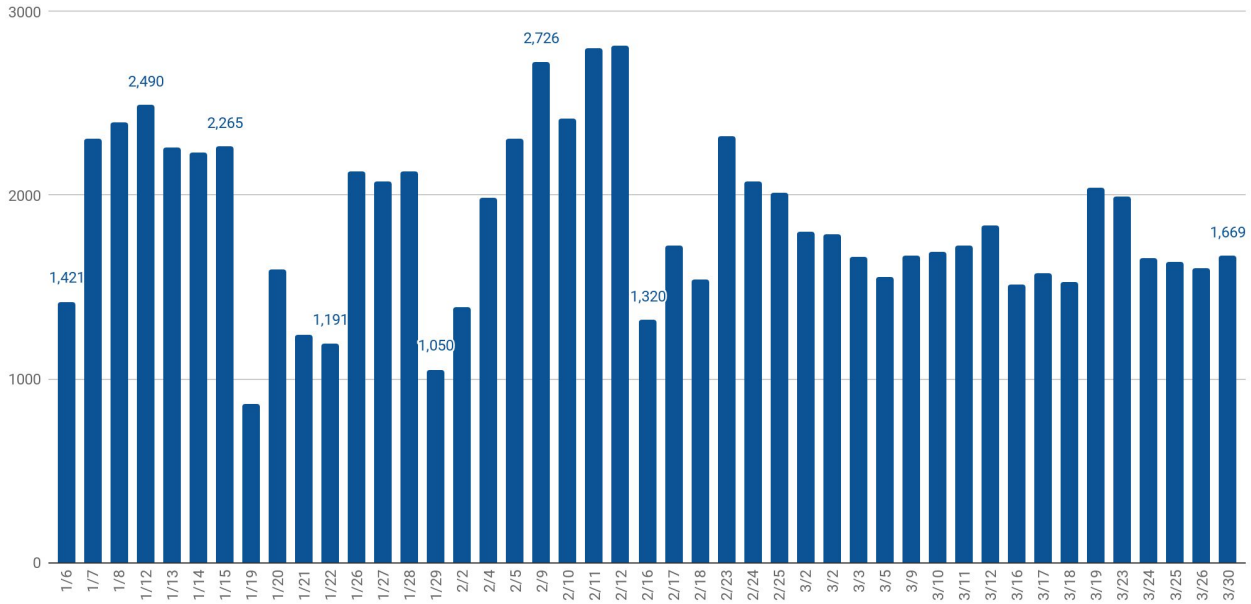
*County vaccine numbers from California's public vaccine portal. Counts here may vary from other official DPH sources.

COVID-19 Vaccinations Administered by County
at RAP PODs

All metrics as of March 30, 2021, unless otherwise noted

Note: All totals on this page are for vaccines administered at City of LA Recreation and Parks (RAP) locations where the City is supporting the LA County Department of Public Health (DPH). The vaccines administered at these sites do not come from the City's vaccine supply. The totals using the City's allocated supply are highlighted on the previous slide.

DAILY COVID-19 VACCINES ADMINISTERED AT RECREATION AND PARKS/DPH SITES

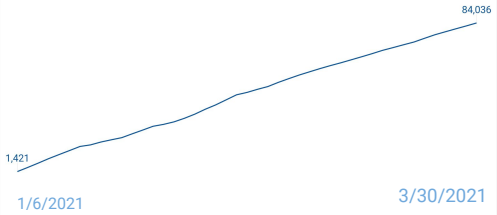


KEY TAKEAWAYS

84,036

Vaccines Administered

CUMULATIVE VACCINES AT RAP PODS



Source: LAFD

First-Dose Vaccines Administered by Demographics at City Sites

All metrics as of March 31, 2021

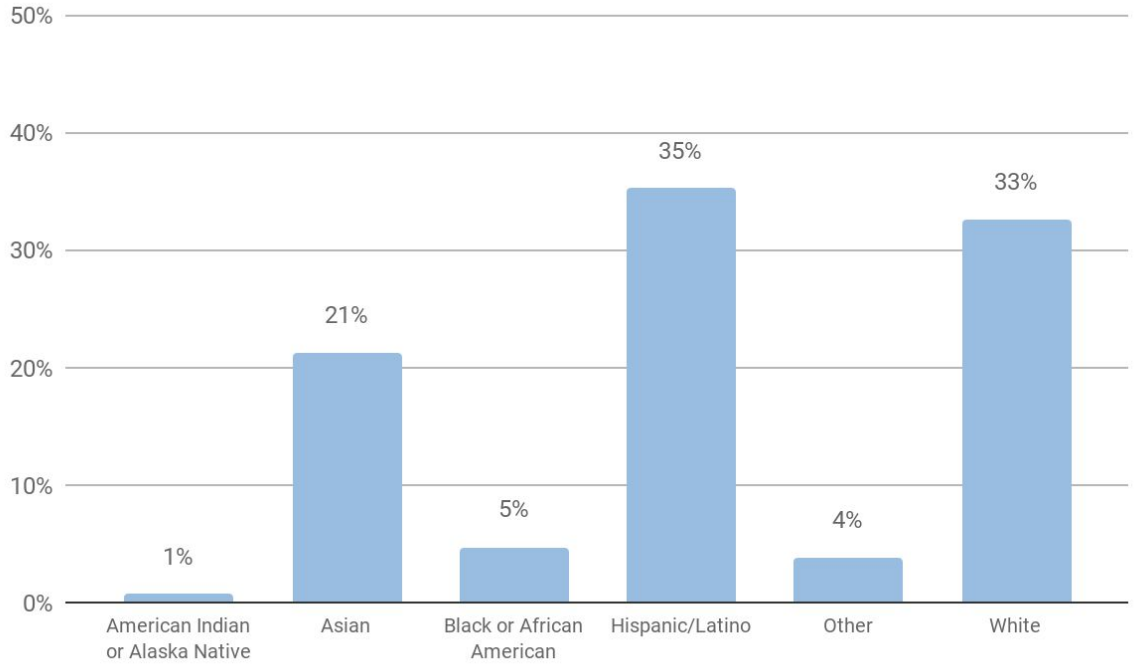
AGE

0.08%	12%	27.7%	22.4%	37.7%
0 to 17 yrs	18 to 29 yrs	30 to 49 yrs	50 to 64 yrs	65+

GENDER

47%	53%	0.1%
Male	Female	No Info

BREAKDOWN OF FIRST-DOSE VACCINES ADMINISTERED BY RACE



DEMOGRAPHIC BREAKDOWN OF 65+ POPULATION IN LA COUNTY/LA CITY

Race/Ethnicity	Percent of 65+ Population (LA County)	Percent of 65+ Population (LA City)
Asian	19.7%	16.7%
Black	8.8%	10.8%
Latino/Hispanic	30.3%	28.8%
Native American	0.8%	0.7%
Other	10.4%	11.5%
Pacific Islander/ Native Hawaiian	0.2%	0.1%
White (Non-Hispanic)	39.5%	42.2%

***Note**: As race and ethnicity are considered different metrics, there may be overlap between Hispanic/Latino and other demographics*

Source: Carbon Health for Vaccine Appointment Data
2019 ACS for LA County Demographics

First-Dose Vaccines Administered by Demographics at City Mobile Sites

All metrics as of March 31, 2021

AGE

0 to 17 yrs	18 to 29 yrs	30 to 49 yrs	50 to 64 yrs	65+
0.35%	11.4%	29.5%	30.3%	28.5%

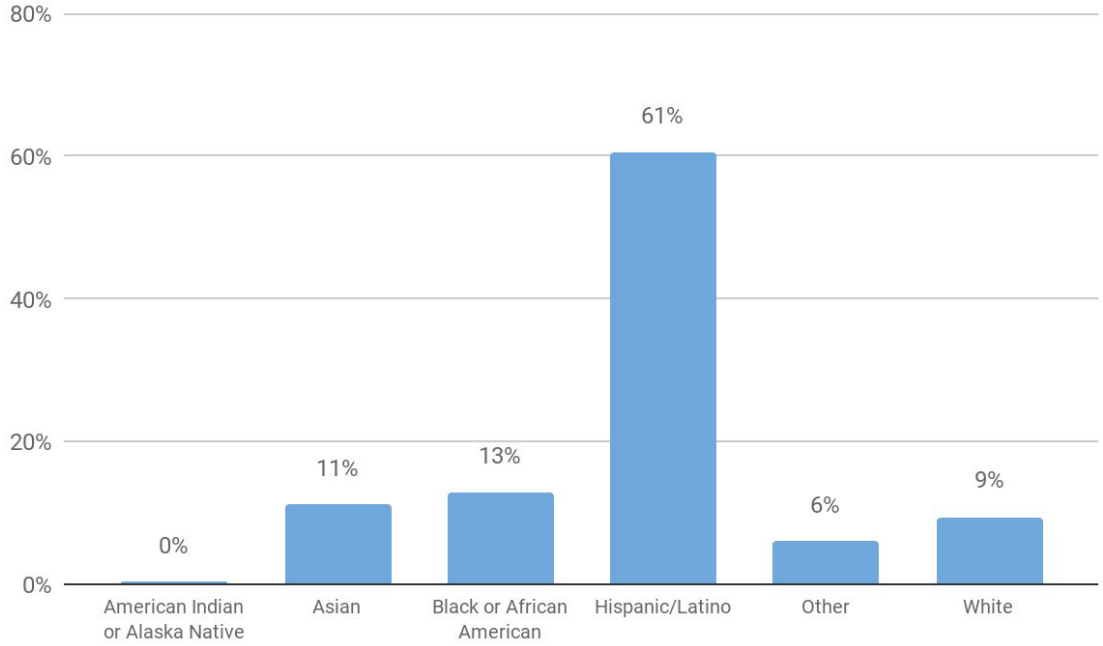
GENDER

Male	Female	No Info
44%	52%	0.1%

TOTAL

48,564 Mobile Vaccines Administered

BREAKDOWN OF MOBILE FIRST-DOSE VACCINES ADMINISTERED BY RACE



DEMOGRAPHIC BREAKDOWN OF 65+ POPULATION IN LA CITY

Race/Ethnicity	Percent of 65+ Population in LA County	Percent of 65+ Population (Within 3 mi radius of mobile sites)
Asian	19.7%	17.0%
Black	8.8%	15.6%
Latino/Hispanic	30.3%	27.9%
Native American	0.8%	0.4%
Other	10.4%	11.5%
Pacific Islander/Native Hawaiian	0.2%	0.1%
White (Non-Hispanic)	39.5%	27.5%

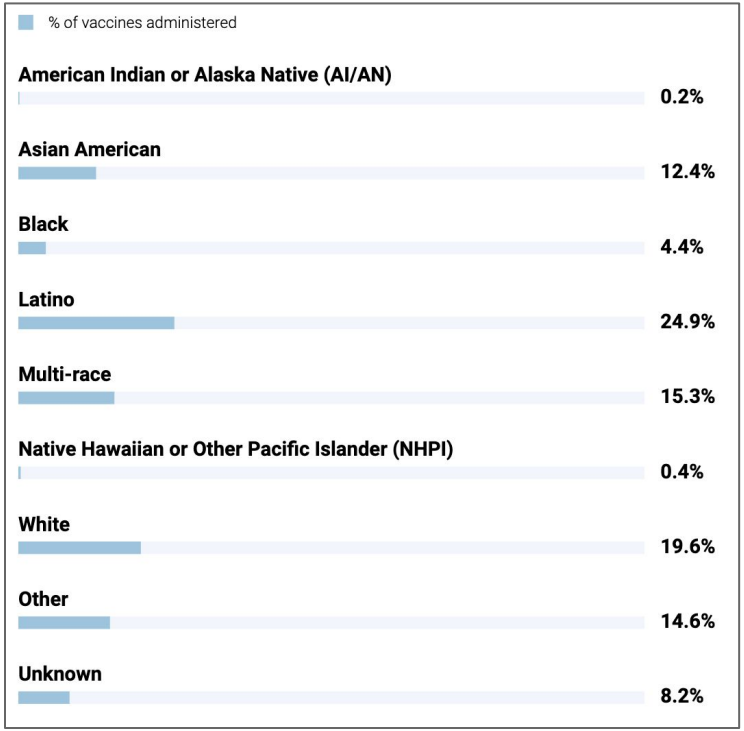
Note: As race and ethnicity are considered different metrics, there may be overlap between Hispanic/Latino and other demographics.

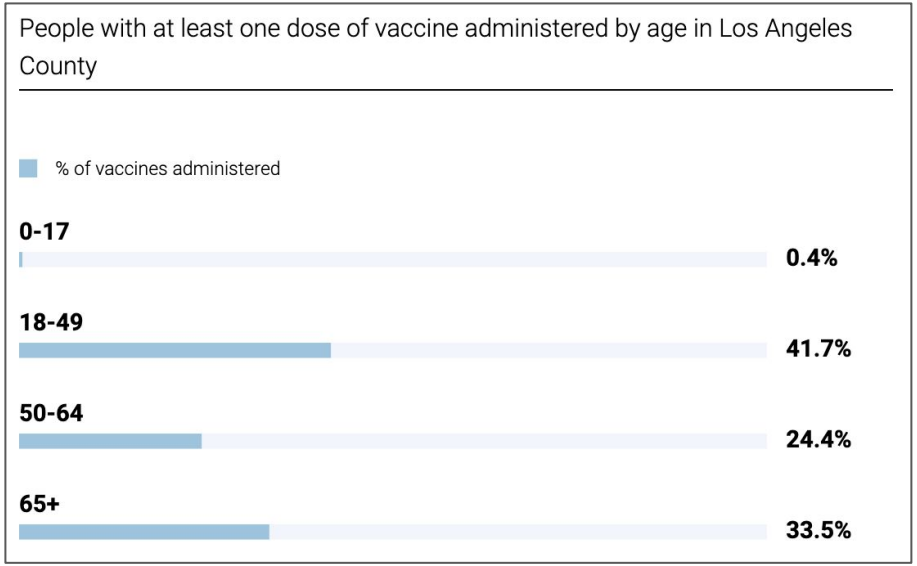
Source:
Carbon Health for Vaccine Appointment Data
2019 ACS for LA County Demographics

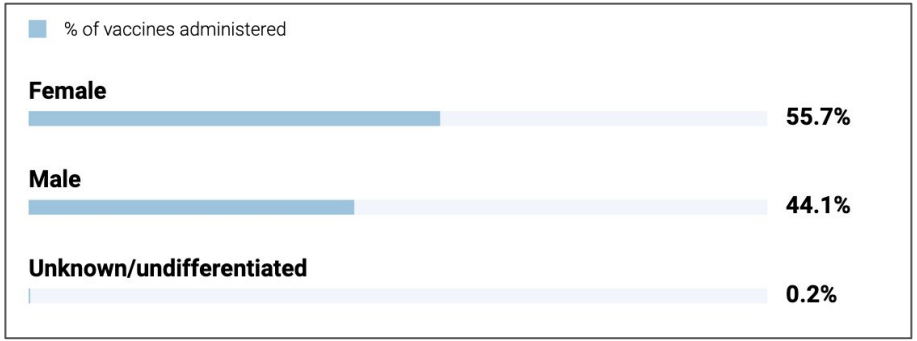
Vaccines Administered by Demographics for LA County

All metrics as of March 31, 2021

Note: The information on this slide updates on Mondays and Fridays.







Source:
https://covid19.ca.gov/vaccines/#California-vaccines-dashboard

COVID-19 • LOS ANGELES COUNTY

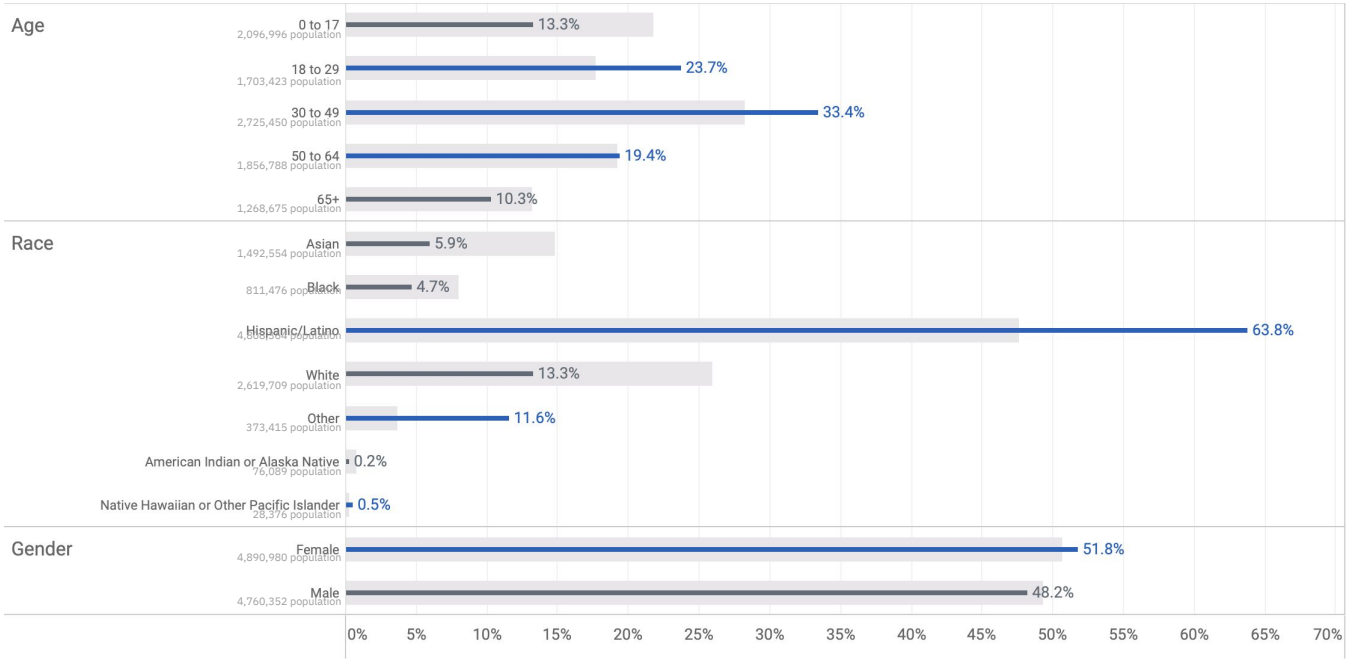
Demographic Comparisons

Cases by Demographics

All metrics last updated at 1 PM, March 31, 2021

13%	23.7%	33.4%	19.4%	10.3%
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 **22% of cases still under investigation**

MOST IMPACTED GROUPS

- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds
- Native Hawaiian or Other Pacific Islander

Legend:

Percent of LA County Population

Percent of Total Cases

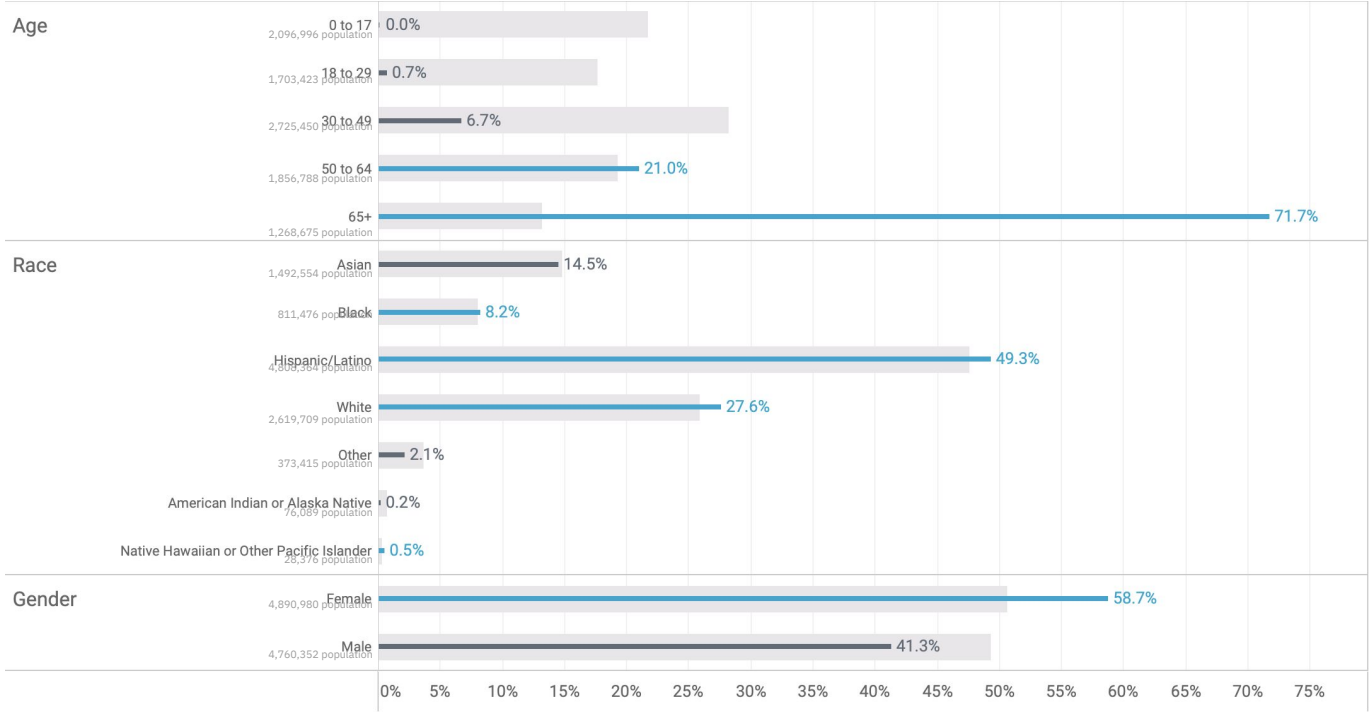
Source: Los Angeles Department of Public Health

Deaths by Demographics

All metrics last updated at 1 PM, March 31, 2021

0%	0.7%	6.7%	21%	71.7%
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 **0.9% of deaths still under investigation**
- As of December 19, 2020, **8,192 out of 8,875 deaths (92.3%) had comorbidities** (underlying conditions)

MOST IMPACTED GROUPS

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans
- Native Hawaiian or Other Pacific Islander

Legend

Percent of LA County Population

Percent of Total Deaths

Source: Los Angeles Department of Public Health

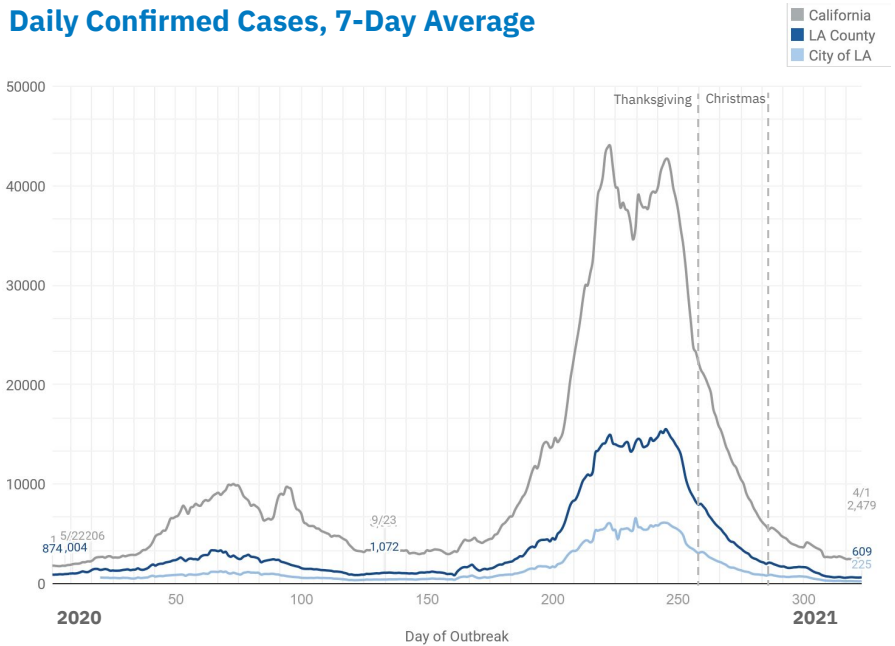
COVID-19 DATA SUMMARY

Comparative Updates

DAILY TOTALS (ROLLING AVERAGE)

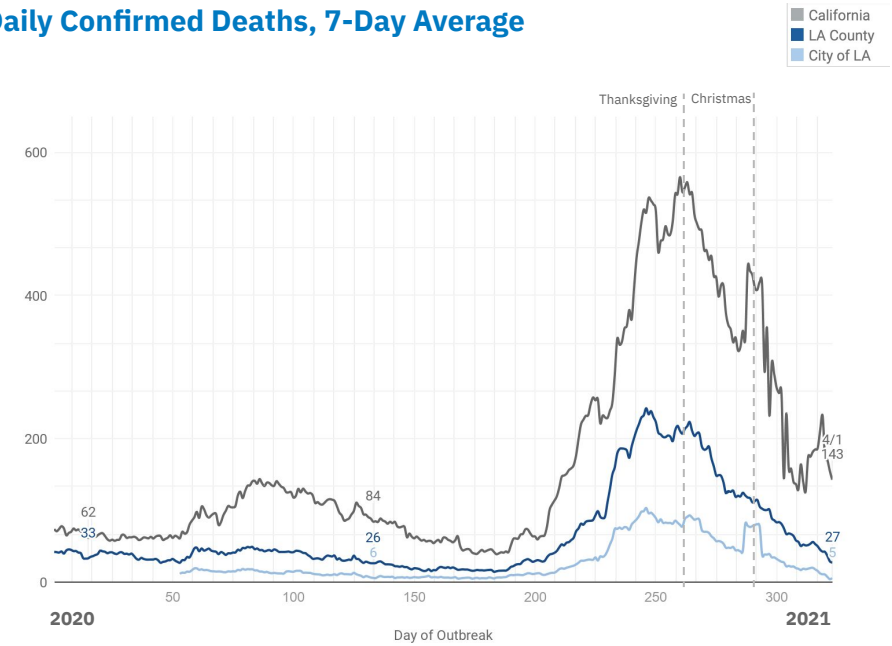
City + County + State Update
As of April 1, 2021, Updated 1:00 PM

Daily Confirmed Cases, 7-Day Average



Week of 3/26 to 4/01	CA	LA County	City of LA
Average Daily Cases Reported	2,479	609 (34.2% of cases in CA)	225 (13.9% of cases in CA)
% Change from yesterday	-0.1%	3.6%	7.3%

Daily Confirmed Deaths, 7-Day Average



Week of 3/26 to 4/01	CA	LA County	City of LA
Average Daily Deaths Reported	143	27 (39.9% of deaths in CA)	5 (16% of deaths in CA)
% Change from yesterday	-8.0%	-6.4%	37.0%

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

Medical Capacity and Supplies

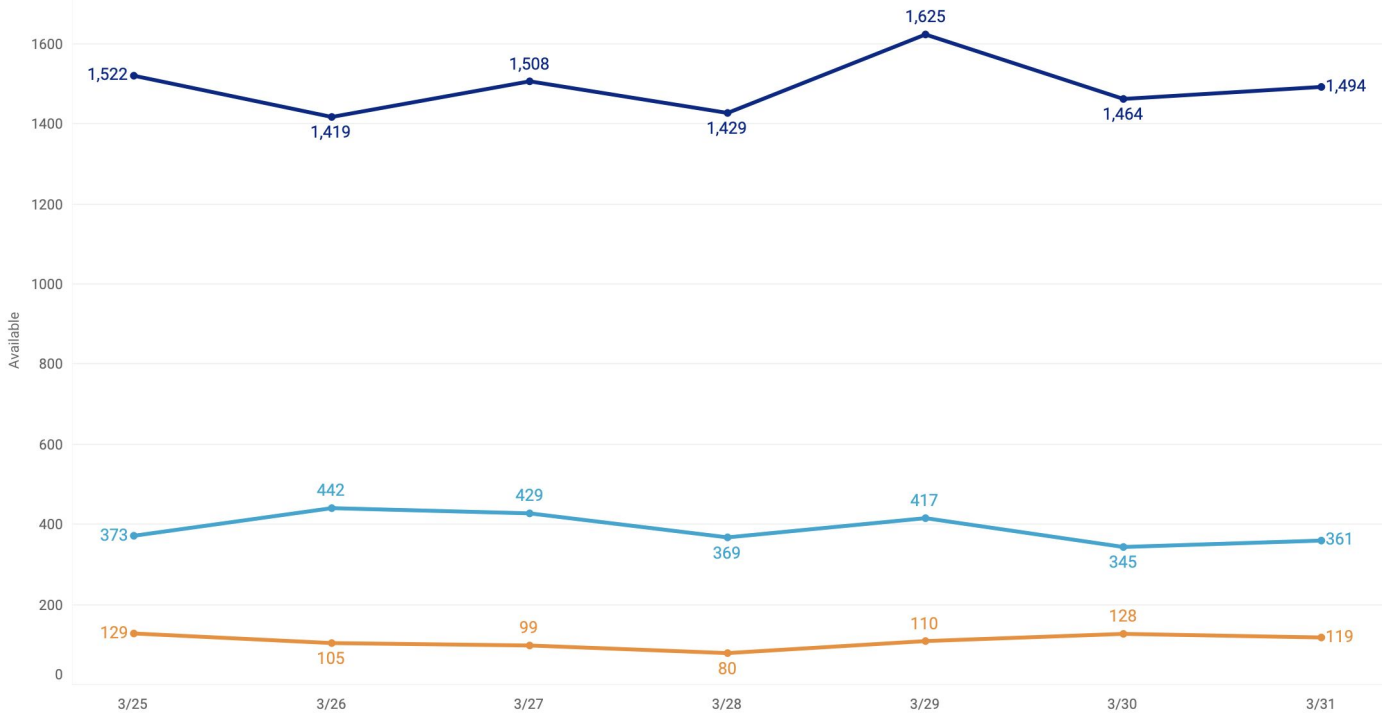
EQUIPMENT AVAILABILITY

Hospital Bed and Equipment Capacity for LA County
As of March 31, 2021 • One-day lag

Key Takeaways:
480 total beds

Since last week, there has been a:
- **3.2% decrease** in available acute care beds. Surge capacity is 13,400.*
- **7.8% decrease** in available ICU beds. Surge capacity is 3,000.*
- **1.8% decrease** in available ventilators. Surge capacity is 3,199.*

*Additional surge capacity beyond these numbers may be possible based on an individual hospital's bed and staff surge plans



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)

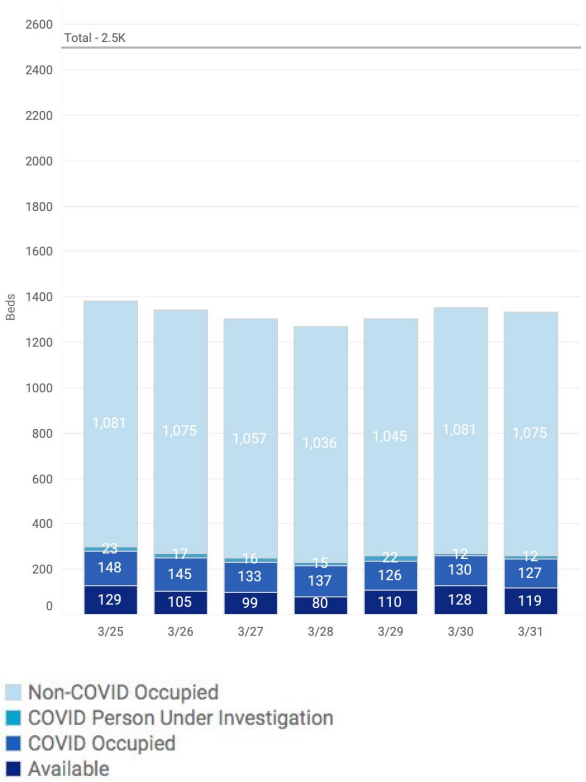
Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet.
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals

EQUIPMENT AVAILABILITY

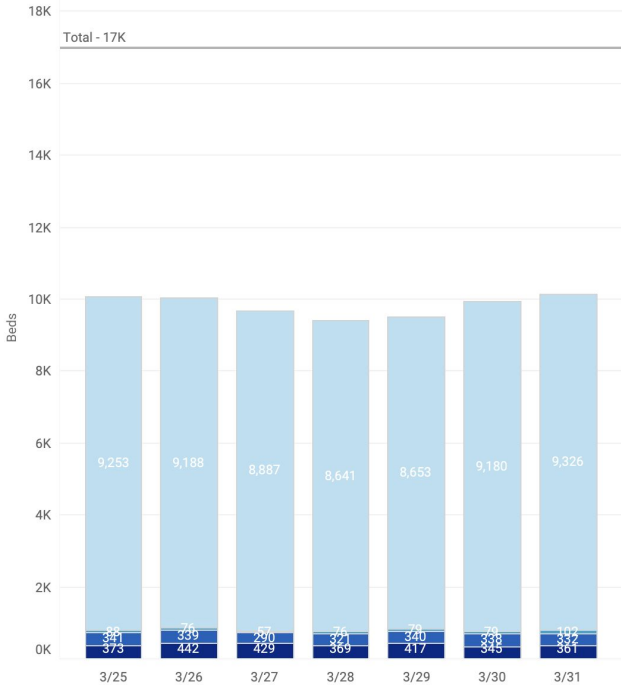
Hospital Bed and Equipment Capacity for LA County

As of March 31, 2021 • One-day lag

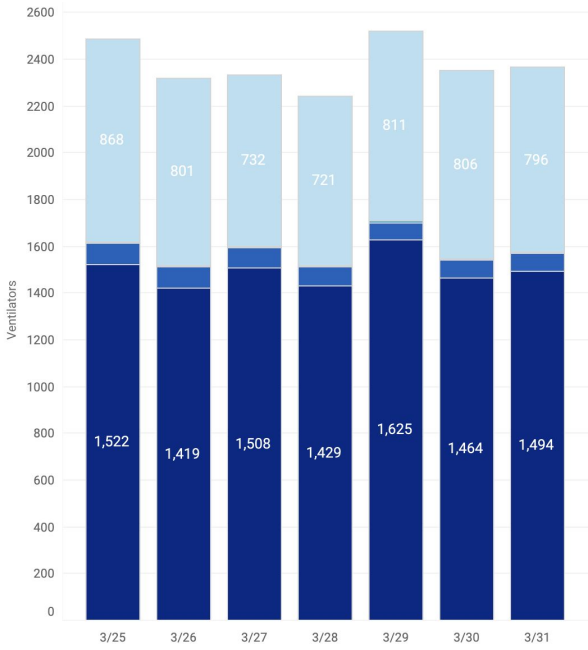
ICU BEDS



ACUTE CARE BEDS



VENTILATORS



***Note**: Additional surge capacity beyond these numbers may be possible based on an individual hospital's bed and staff surge plans.*

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

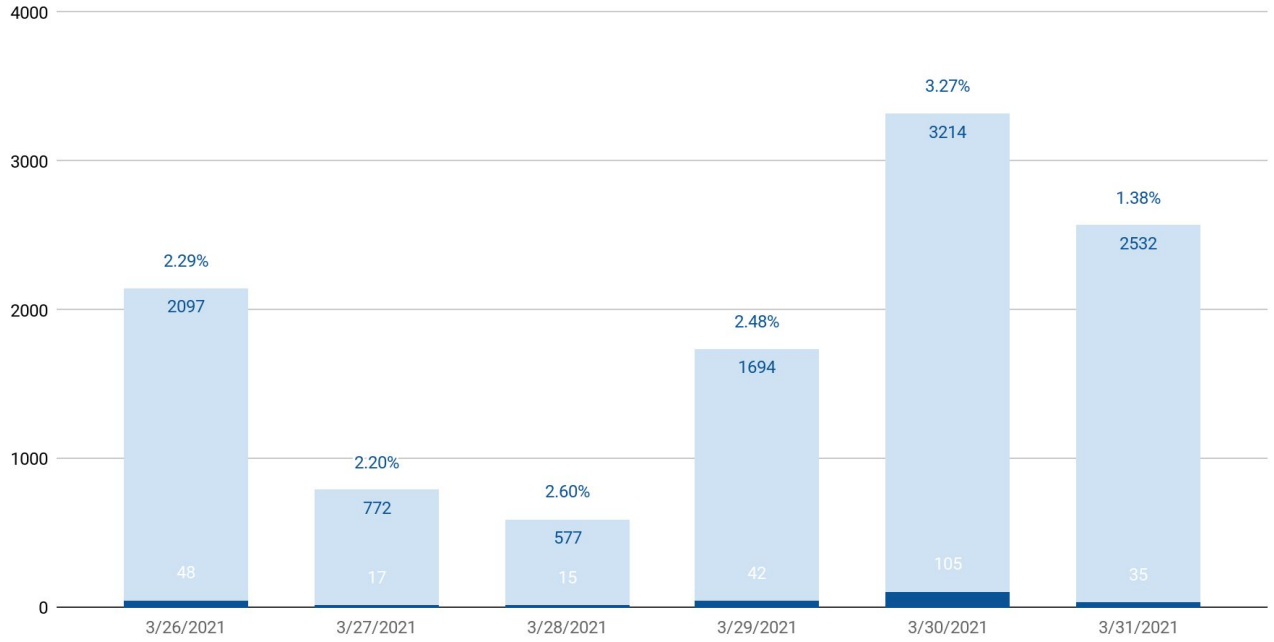
COVID-19 DATA SUMMARY

City Response and Preparedness

Hotline Services: 311 Calls

All metrics last updated March 31, 2021

35	2,532	935.4K	55.5K	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

1.38% of the total 311 calls were COVID-related.

Wait time was **16 mins for each call.**

CALL THEMES

- Rent Assistance Program
- Testing
- Vaccine
- Restrictions/Parking

Legend:

311 - Non-COVID

311 - COVID

Source: ITA - 311 Contact Center

COVID-19 • LOS ANGELES CITY OVERVIEW

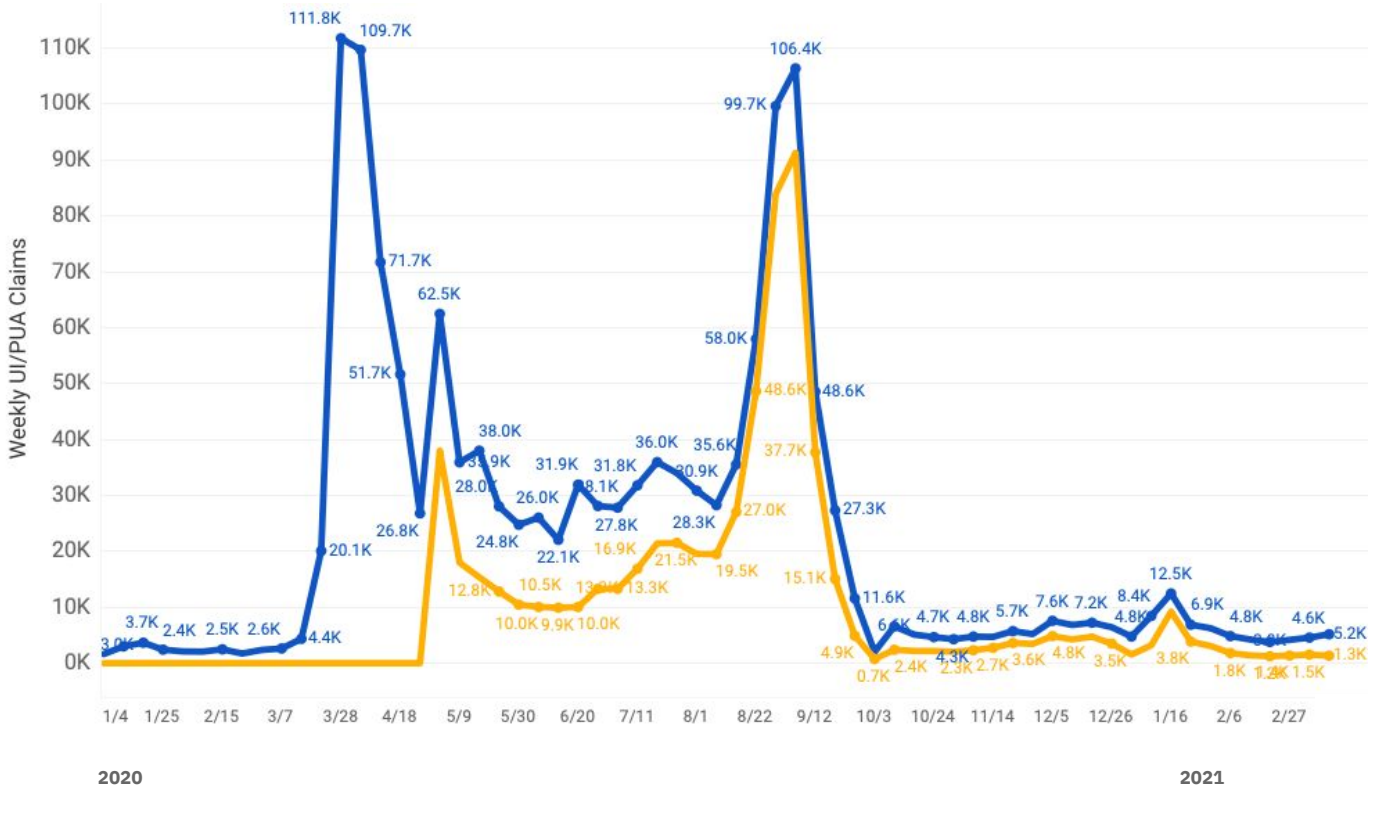
Economic Analysis

New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of March 13, 2021

Key Takeaways:

- **5,173** new claims from 3/7-3/13, including Pandemic Unemployment Assistance (PUA).
- Spiked on 3/28/20 with **112K** new claims
- This represents an increase of over **4,500%** from the weekly average from 1/1/20 - 3/7/20
- February's preliminary unemployment (not seasonally-adjusted) is estimated at **10.9%** for LA County, lower than January's revised numbers (**12.7%**)
- **1,429,717** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020/21

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



Source: California EDD

End of Report
April 1, 2021