Eric Garcetti
@MayorOfLA

DAILY LOS ANGELES

COVID-19 Data Summary

Response Day 341
Tuesday, February 16, 2021

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

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COVID-19 DATA SUMMARY

Data Snapshot

CA STATE REOPENING METRICS

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

All metrics are evaluated on a 7-day lag
Current data range: 1/31/21 - 2/6/21

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

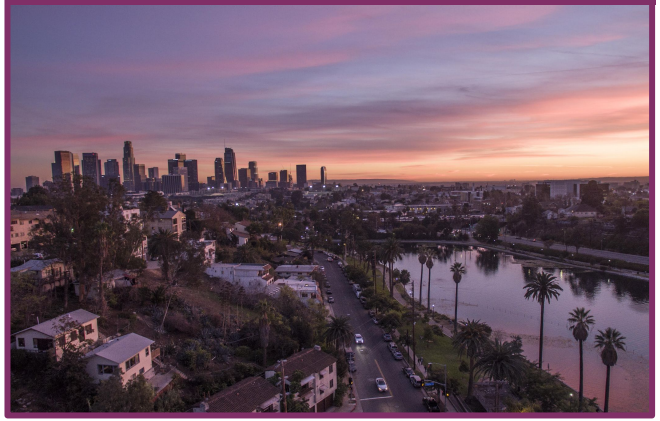
Health Equity Metric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts.

Source: California Department of Public Health

METRICS As of February 16, 2021, 1 PM	REPORTING DATE	RATE	% DIFF VS LAST METRICS	LAST REPORTING DATE	LAST METRICS
New COVID-19 positive cases per 100K	2/16/21	29.0	-31.8%	2/9/21	42.5
Adjusted case rate for tier assignment	2/16/21	20.0	-36.9%	2/9/21	31.7
Positivity Rate	2/16/21	7.2%	-2.3% *(% Point Difference)*	2/9/21	9.5%
Health Equity Metric (starting 10/6)	2/16/21	10.1%	-2.9% *(% Point Difference)*	2/9/21	13.0%

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***



Prepared by Mayor's Innovation Team

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

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

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 2/8/2021*
***As of 2/9/2021*

- Undesired Trend
- Desired Trend
- Desired Change
- Undesired Change
- No Change

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

Prepared by Mayor's Innovation Team

METRICS As of February 16, 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.)	**2,677** (7-day avg)	↘	-35.5%	↗	+156.7%
New Deaths (7-day avg.)	**124** (7-day avg)	↘	-34.5%	↗	+174.9%
COVID 7-Day Positive Test Rate (as of one week ago)	**6.4%** (overall)	↘	-2.4%	↘	-5.2% COVID+ Test Rate is % Point Difference w/ baseline
New Hospitalizations (7-day average)*	**434** (7-day avg)	↘	-26.1%	↗	+103.8%
Acute Care Bed Capacity (7-day average)**	**417** (7-day avg)	↗	+16.3%	↘	-61.1%
ICU Bed Capacity (7-day average)**	**59** (7-day avg)	↘	-1%	↘	-75.8%
LA City Crime (7-day avg) baseline = 2020 YTD	**461 daily crimes** (7-day avg) as of 2/6/2021	↗	+3%	↘	-30.0%
LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2020 week	**6,252** as of 1/30/2021	↘	-9.1%	↗	+198%

COVID-19 DATA SUMMARY

United States Update

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

As of February 15, 2021, 11:00 AM

Cases have begun to decrease overall, but remain high.
Top 10 states, based on new cases over the last day include:

#1: 3,406.4K cases in California (+6.5K) - 8611 per 100K
47.0K deaths in California (+200) - 118.9 per 100K

#2: 2,563.9K cases in Texas (+3.9K) - 8933 per 100K
40.6K deaths in Texas (+66) - 141.4 per 100K

#3: 1,797.7K cases in Florida (+3.6K) - 8440 per 100K
29.4K deaths in Florida (+159) - 138.2 per 100K

#4: 1,536.1K cases in New York State (+6.4K) - 7860 per 100K
37.2K deaths in New York State (+103) - 190.5 per 100K

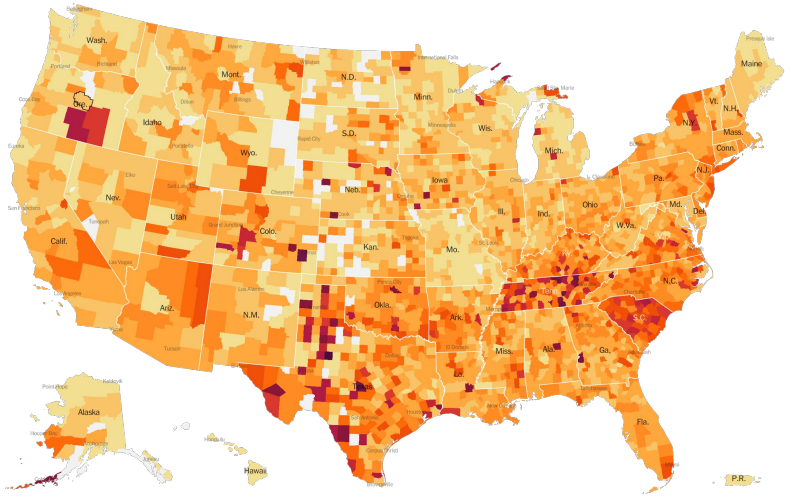
#5: 1,163.6K cases in Illinois (+1.4K) - 9132 per 100K
22.2K deaths in Illinois (+45) - 174.0 per 100K

Rounding out the top 10 are: **Georgia, Ohio, Pennsylvania, North Carolina, Arizona**

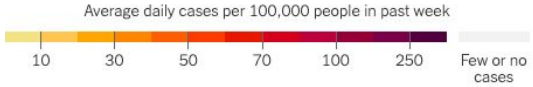
California ranks ...
#1 in Cumulative Cases
#27 in Cases per 100K

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

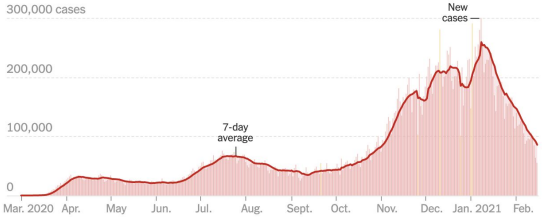
Source: COVID Tracking Project and NY Times



Legend for map



New cases per day in the United States



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

As of February 15, 2021, 11:00 AM

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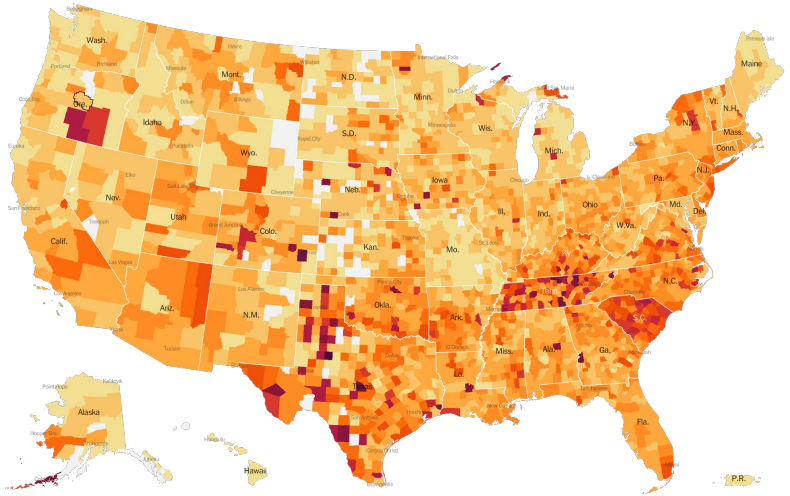
37.2K deaths in New York State (+103) - 190.5 per 100K

#3: 2,563.9K cases in Texas (+3.9K) - 8933 per 100K
40.6K deaths in Texas (+66) - 141.4 per 100K

#4: 1,797.7K cases in Florida (+3.6K) - 8440 per 100K
29.4K deaths in Florida (+159) - 138.2 per 100K

#5: 270.2K cases in Connecticut (+2.9K) - 7564 per 100K
7.4K deaths in Connecticut (+66) - 208.4 per 100K

Rounding out the top 10 are: **North Carolina, Georgia, Pennsylvania, Ohio, South Carolina**



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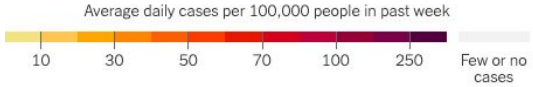
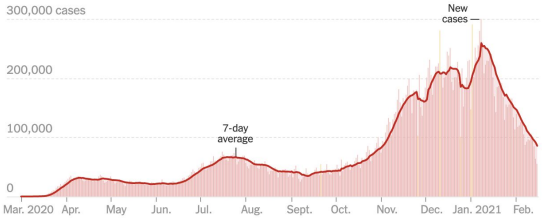


New cases per day in the United States



Source: COVID Tracking Project and NY Times

COVID-19 US Cases - Per Capita County Comparison (Counties >=100K ppl)
As of February 15, 2021, 11:00 AM

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

Yuma, Arizona: 16,878 cases per 100K
(36,082 total cases)

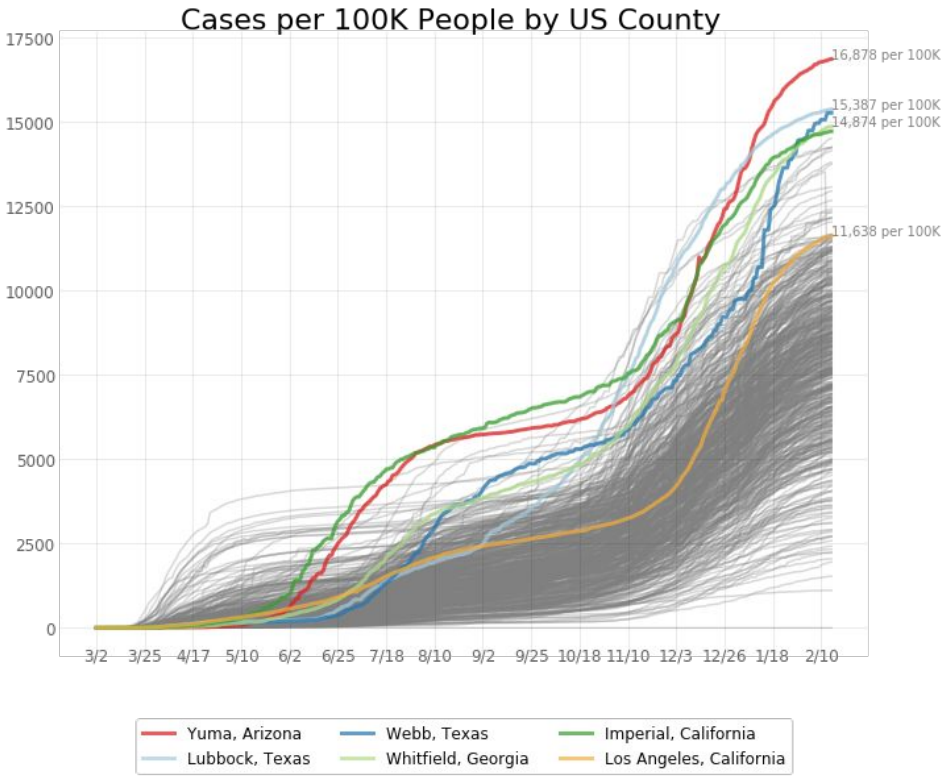
Lubbock, Texas: 15,387 cases per 100K
(47,788 total cases)

Webb, Texas: 15,279 cases per 100K
(42,270 total cases)

Whitfield, Georgia: 14,874 cases per 100K
(15,562 total cases)

Imperial, California: 14,732 cases per 100K
(26,696 total cases)

Los Angeles, California: 11,638 cases per 100K
(1,168,372 total cases)
Los Angeles County ranks #27 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 February 15, 2021, 11:00 AM

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

Navajo, Arizona: 427.3 deaths per 100K
(474 total deaths)

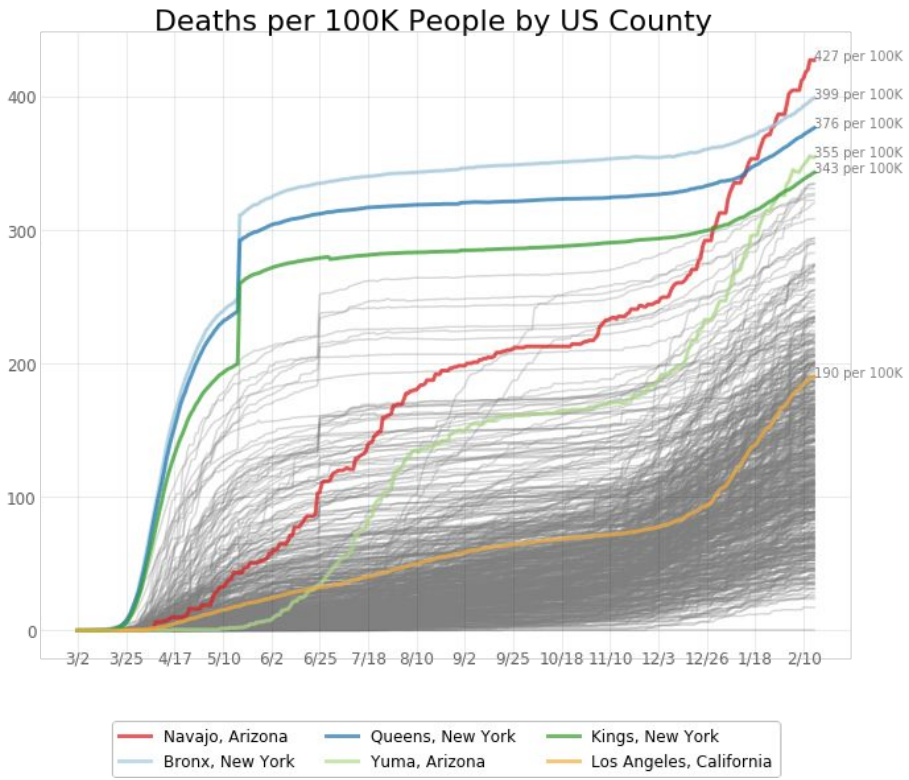
Bronx, New York: 398.9 deaths per 100K
(5,657 total deaths)

Queens, New York: 376.5 deaths per 100K
(8,485 total deaths)

Yuma, Arizona: 354.6 deaths per 100K
(758 total deaths)

Kings, New York: 343.1 deaths per 100K
(8,783 total deaths)

Los Angeles, California: 190.2 deaths per 100K
(19,095 total deaths)
Los Angeles County ranks #113 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, February 16, 2021

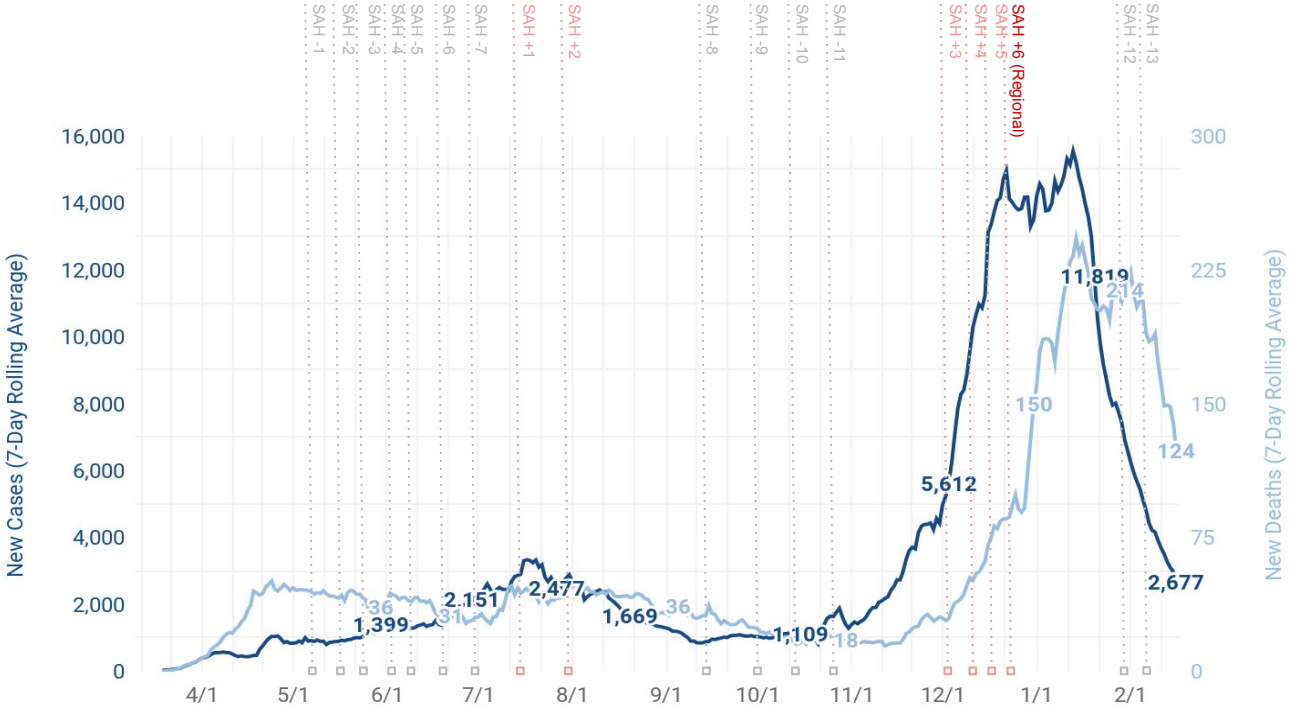
CASES DAILY UPDATE

0.82	1,260	1,169,550
Infection Rate Ideal < 1.0	New Cases	Total Cases

DEATHS DAILY UPDATE

1.6%	120	19,215
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 2,677 new cases**
- The past seven days have seen an **average daily increase of 124 new deaths**

Legend:

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

Note: The reported cases on 12/14 were artificially low due to backlogs from certain labs

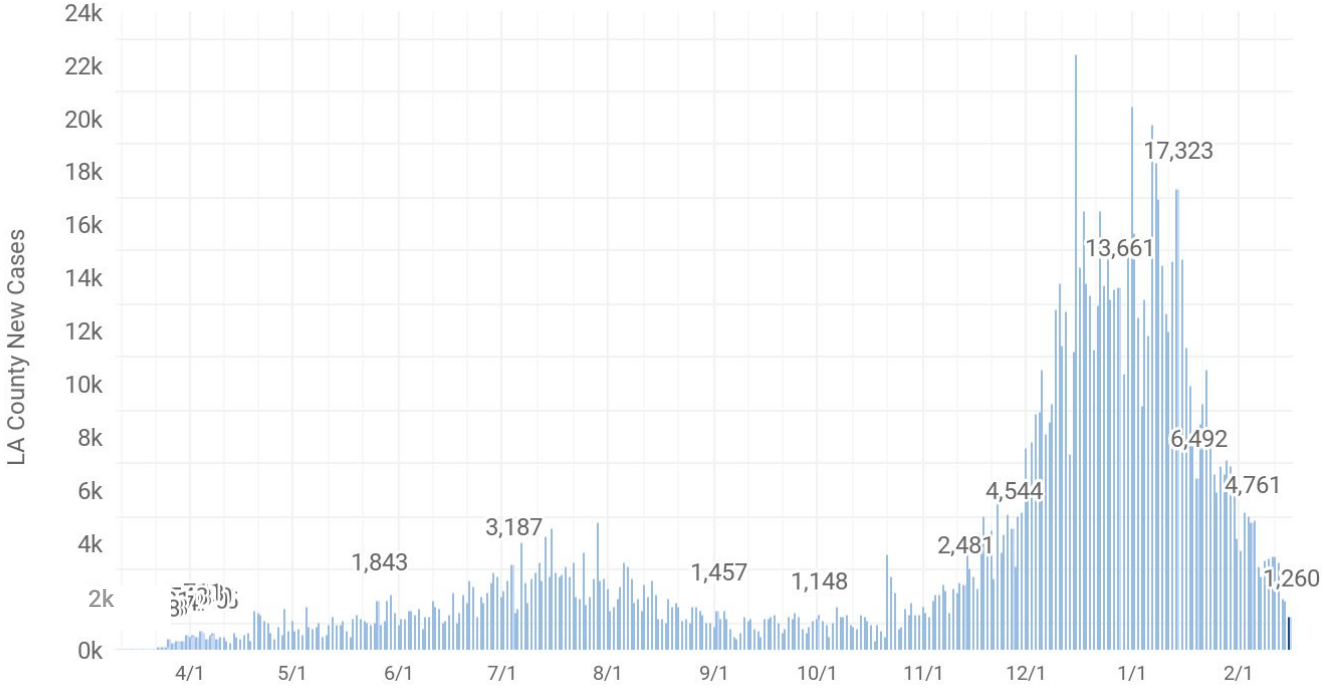
Source: Los Angeles County New Cases and New Deaths, 7-Day Average

LA County Case Updates

All metrics last updated at 1 PM, February 16, 2021 unless otherwise noted

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
0.82	1,260	1,169,550	5,692	3.41M	38,971	27.7M	241,129	109.4M
Infection Rate Ideal < 1.0	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases	New Cases	Total Cases

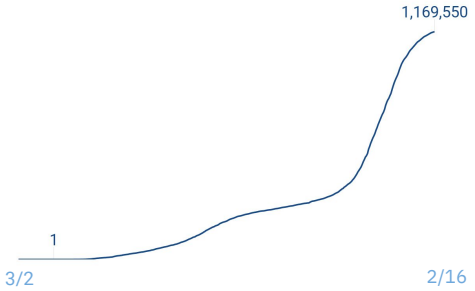
LA COUNTY DAILY CASES



KEY TAKEAWAYS

LA County accounts for **34.3%** of cases in CA with an average of **2,677** new cases reported from 2/10 to 2/16 (**-10%** decrease)

CUMULATIVE CASES



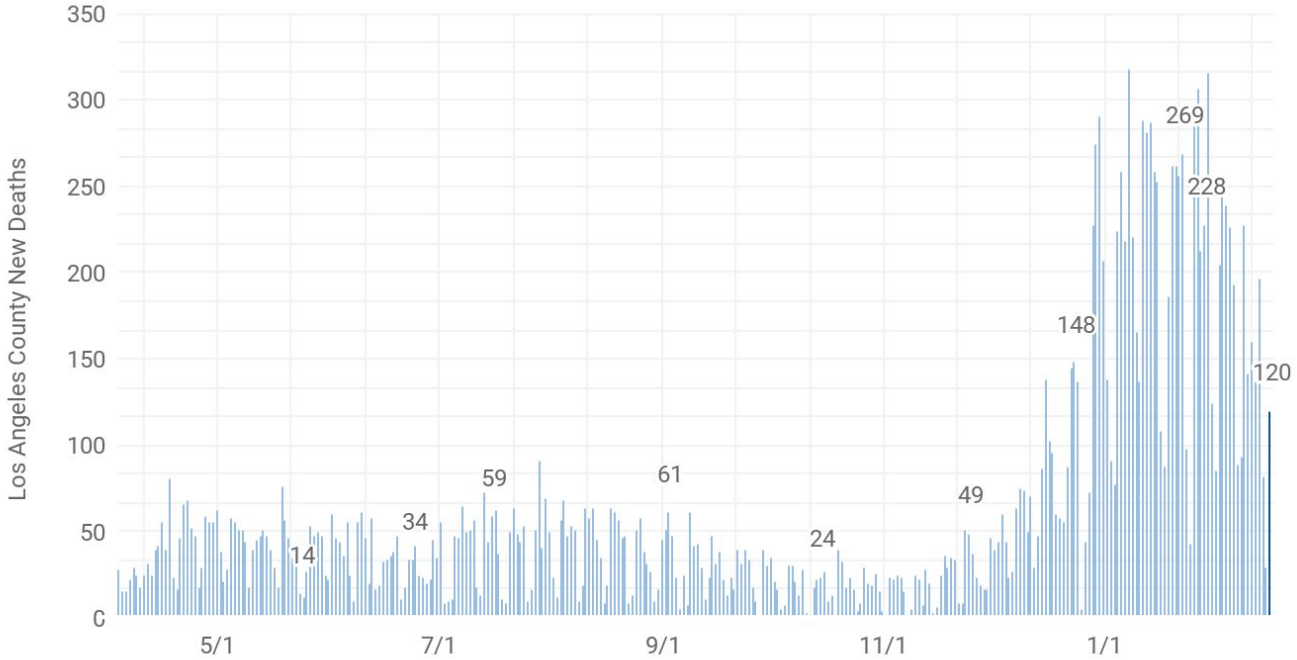
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.

LA County Mortality Updates

All metrics last updated at 1 PM, February 16, 2021 unless otherwise noted

LOS ANGELES			CALIFORNIA		UNITED STATES		GLOBAL	
1.6%	120	19,215	64	47,107	1,179	487.5K	7,529	2.4M
Mortality Rate	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths	New Deaths	Total Deaths

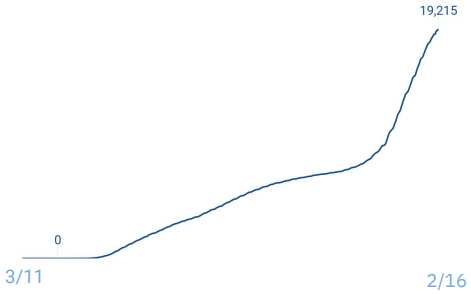
DAILY MORTALITY IN LA COUNTY



KEY TAKEAWAYS

LA County accounts for **40.8%** of deaths in CA with an average of **124** new deaths reported from 2/10 to 2/16 (**-11%** 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 February 15, 2021

TESTS COMPLETED

1.5K
City Tests
Since last report

3.97M
City Tests
Since 3/20

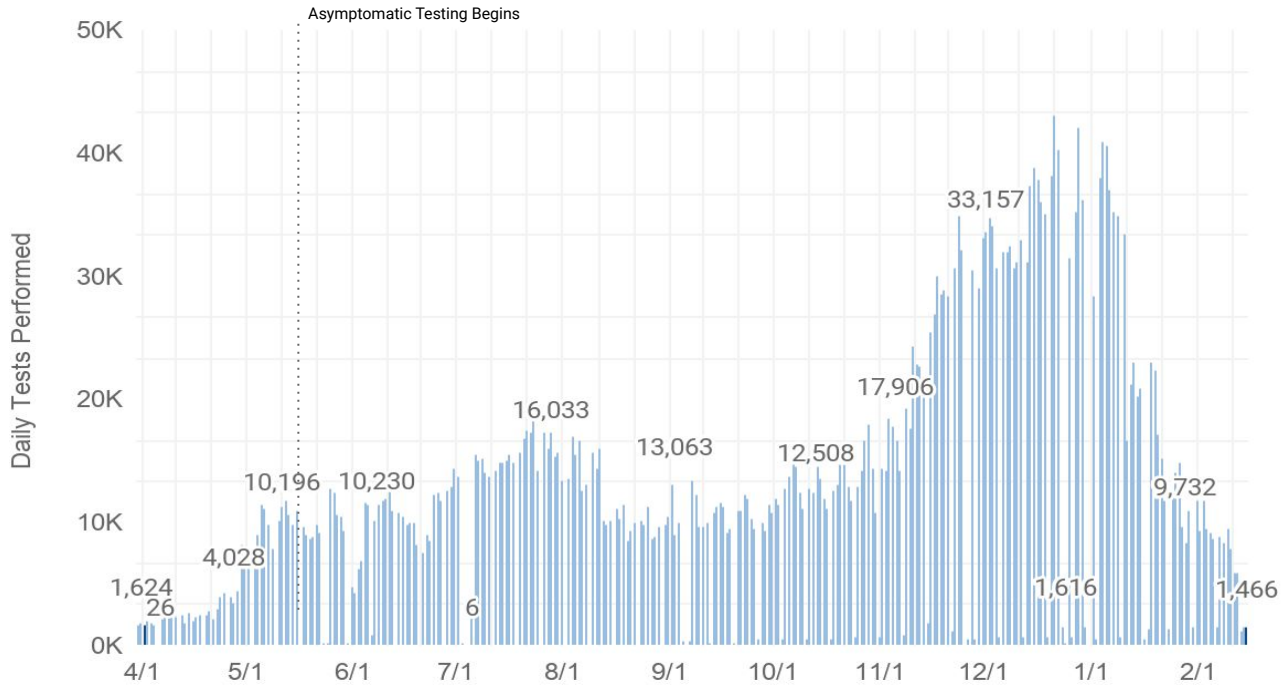
AVAILABILITY

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

11.8%

Cumulative Positivity Rate - Tests

KEY TAKEAWAYS

- At least **3,973,960** tests have been performed at City of Los Angeles since 3/20
- On average, **6,506** tests were performed each day from 2/9 to 2/15
- **455,511** of the **3,907,093** tests for which results were received were positive (**11.8%**)

Source: City of Los Angeles

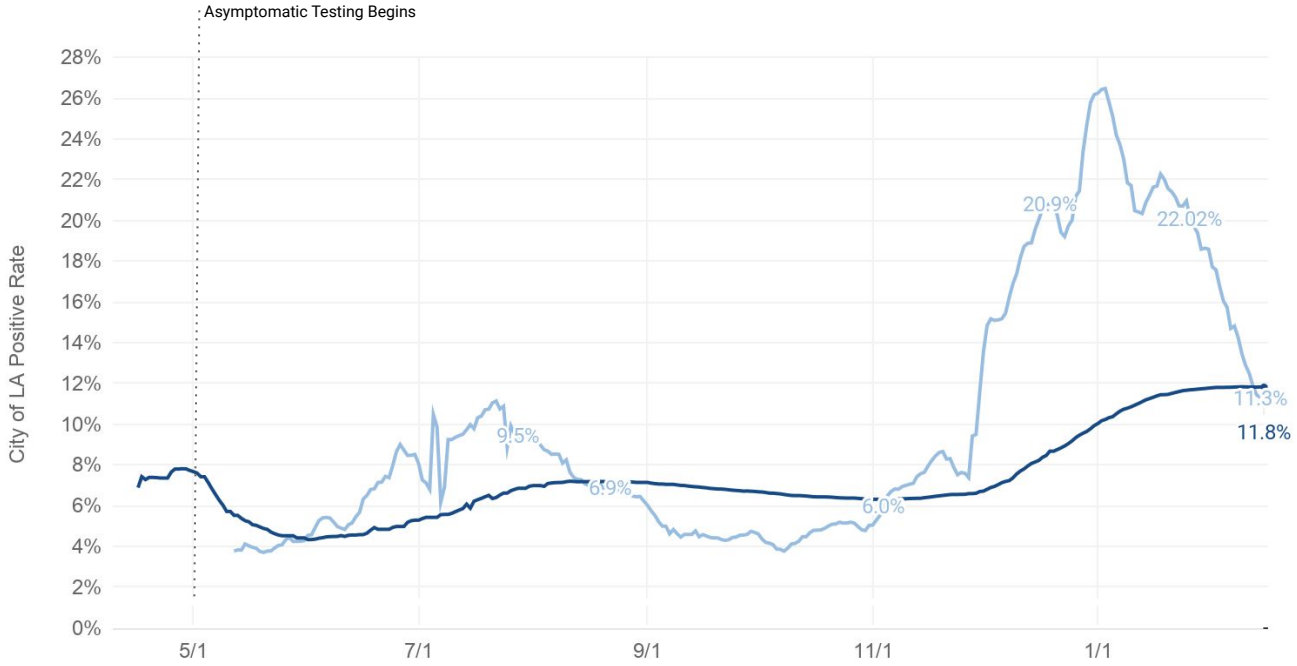
LA Testing Updates • Positivity Rate

City positive rate as of February 15/February 14, 2021
County metrics as of February 9, 2021

TESTS COMPLETED		AVAILABILITY		POSITIVITY RATE				
1.5K	3.97M	10	35K	11.8%	9.7%	19.3%	6.4%	11.31%
City Tests Since last report	City Tests Since 3/20	Total City Sites Available Today	Avail. City Testing Capacity Today	**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.

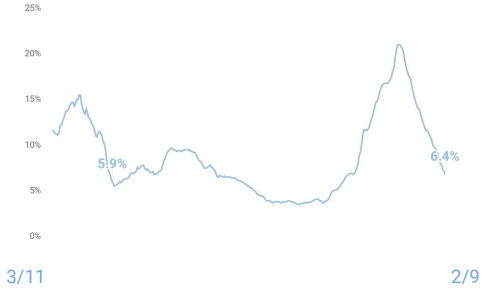
POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day lag for 7-day rate)



KEY TAKEAWAYS

LA County has tested a total of at least **5,707,383** people and a total of **14,480,381** 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 February 8, unless otherwise noted

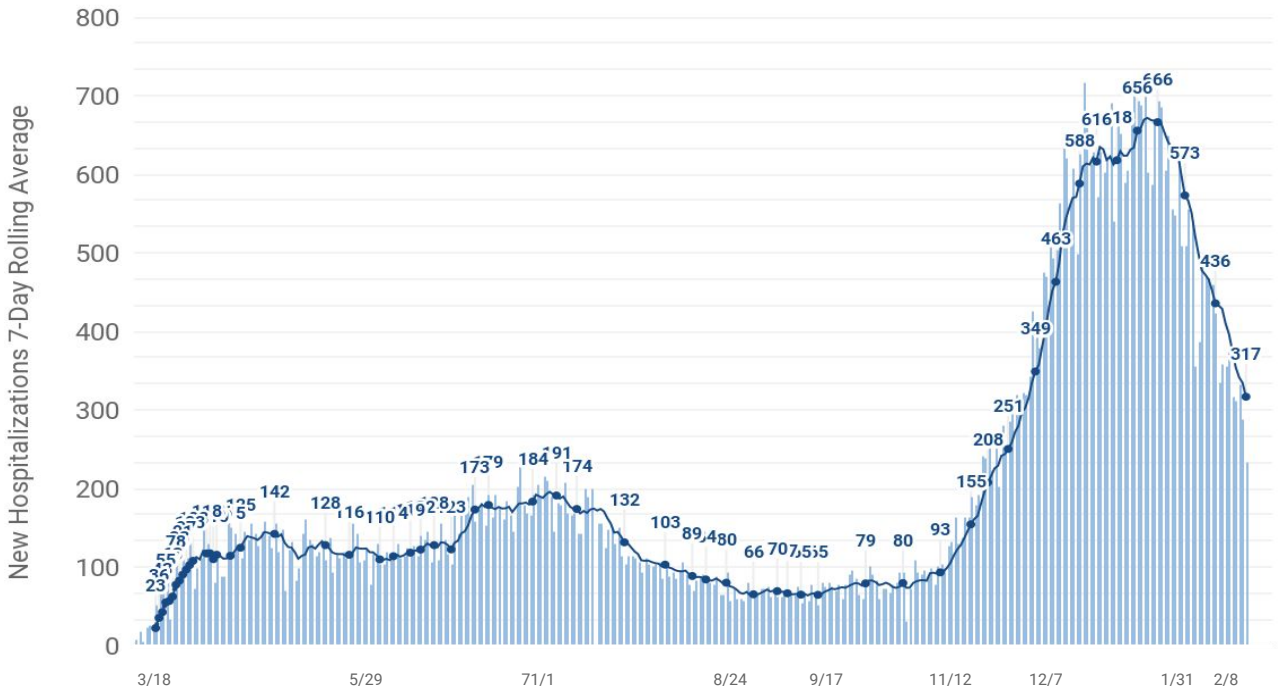
HOSPITALIZATIONS

234	2,855	60.9K
New Hospitalizations	Current Hospitalizations	Total Hospitalizations

EQUIPMENT AVAILABILITY (AS OF 2/11)

470	412	58	1244
Total Beds Available	Acute Care Beds Available	ICU Beds Available	Ventilators Available

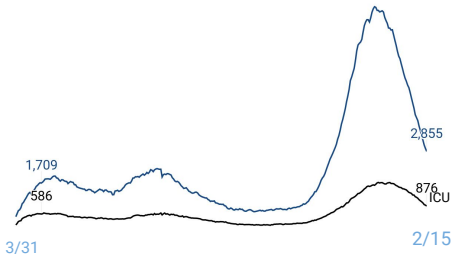
NEW HOSPITALIZATIONS IN LA COUNTY



KEY TAKEAWAYS

At least **60,924** people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: -3.7% change
ICU HOSPITALIZED: -3.5% 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

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COVID Vaccinations

COVID-19 Vaccinations Administered at City Sites

All metrics as of February 11, unless otherwise noted

LOS ANGELES COUNTY (AS OF 2/11)

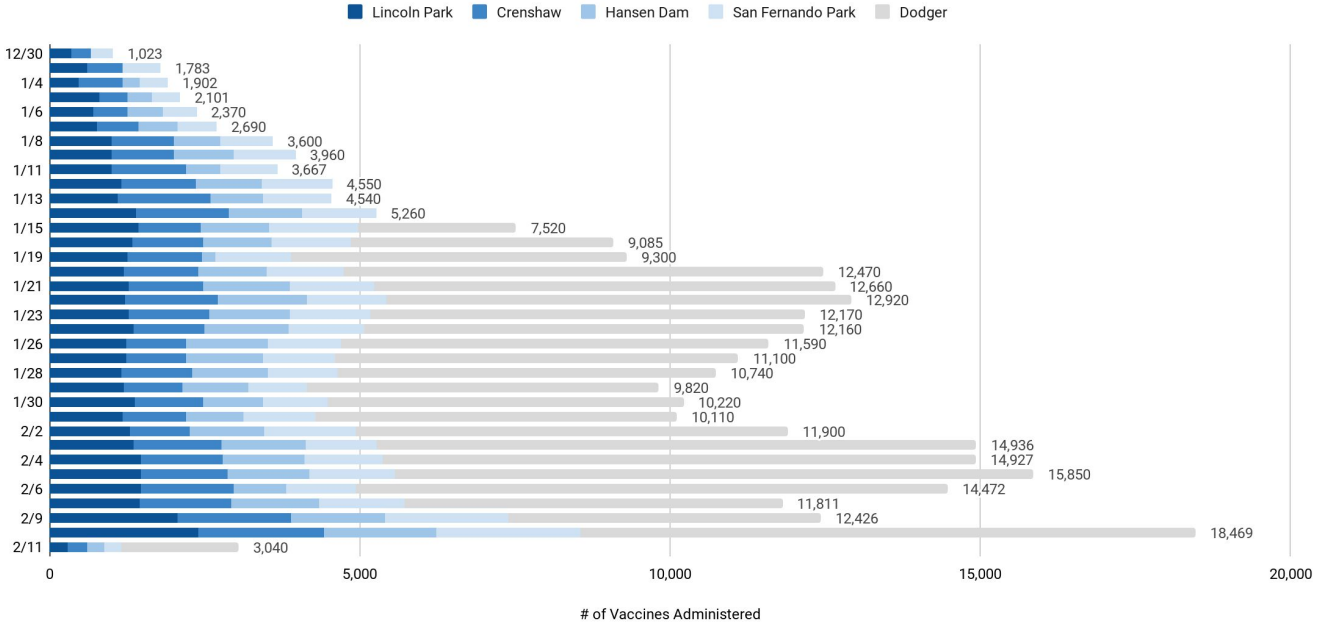
1,568,910	1,345,949	222,966
Vaccines Allocated*	Vaccines Administered*	Vaccines Remaining*

CITY OF LOS ANGELES (AS OF 2/14)

350,647	316,797
Vaccines Received	Vaccines Administered

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

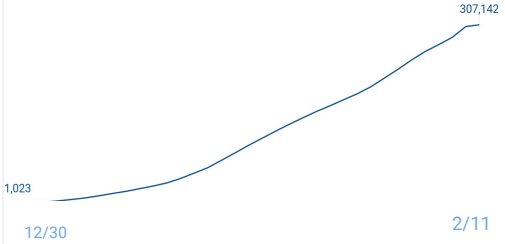
DAILY COVID-19 VACCINES ADMINISTERED IN LA CITY



KEY TAKEAWAYS

Of the total administered: **5,118** vaccines have been administered to LAFD, **1,070** at SNFs, and **316,797** at City Sites

CUMULATIVE VACCINES AT CITY SITES



Source: LAFD

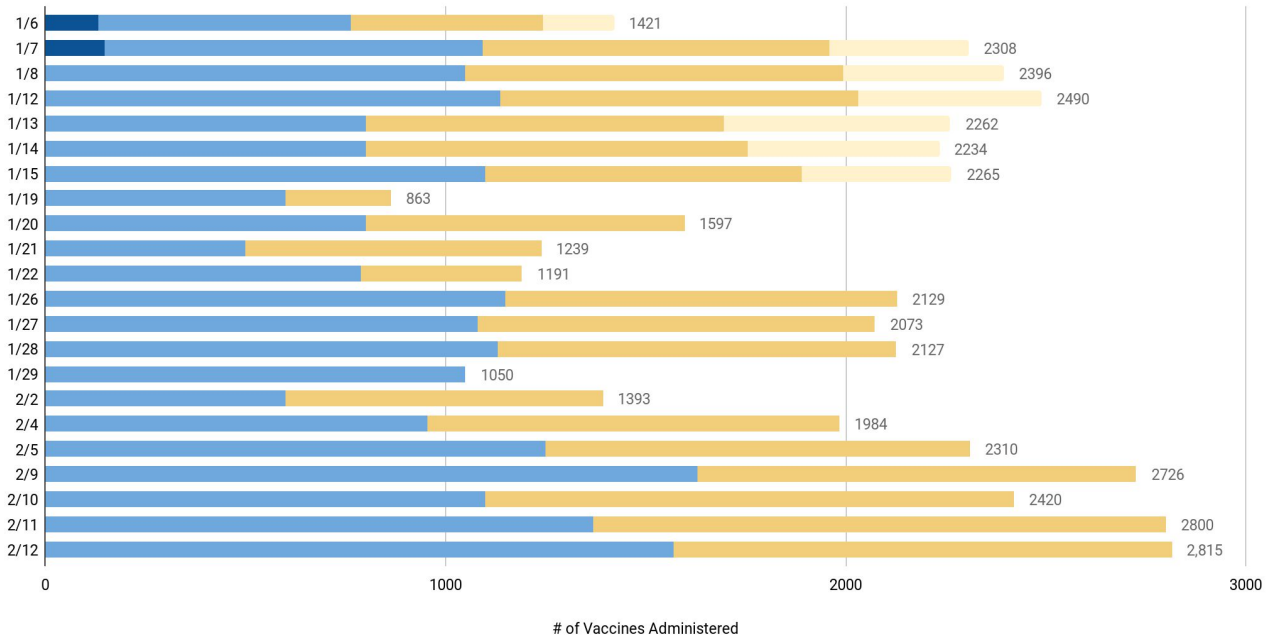
*County vaccine numbers from DPH's public vaccine portal. Counts here may vary from other official DPH sources.

COVID-19 Vaccinations Administered by County
at RAP PODs

All metrics as of February 12, unless otherwise noted

Note: All totals on this page are for vaccines administered at Recreation and Parks (RAP) locations where the City is supporting 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

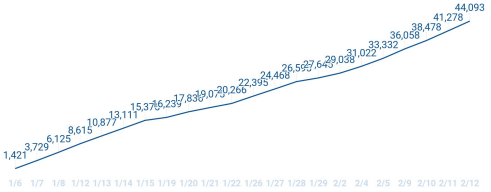


KEY TAKEAWAYS

44,093

Vaccines Administered

CUMULATIVE VACCINES AT RAP PODS



Legend (for graph on left)

- Hazard (closed)
- Balboa Rec Center
- El Sereno Rec Center
- Ritchie Valens (closed)

Source: LAFD

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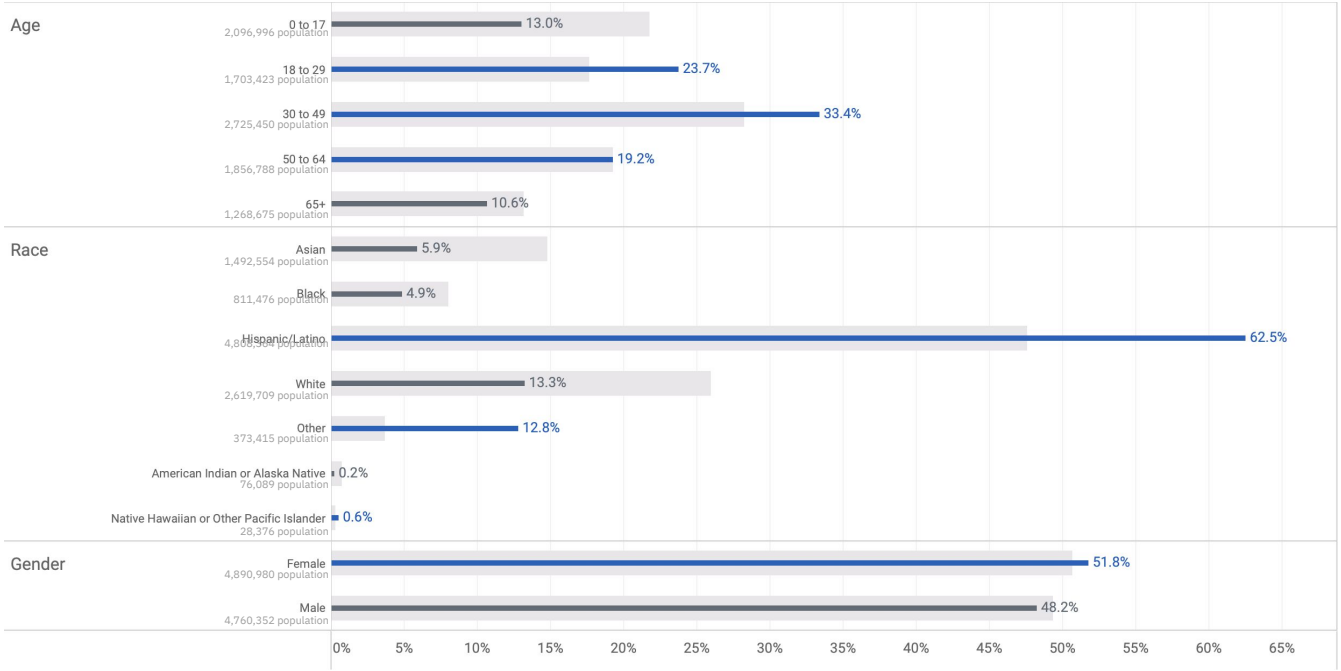
Demographic Comparisons

Cases by Demographics

All metrics last updated at 1 PM, February 11, 2021

13%	23.7%	33.4%	19.2%	10.6%
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 **24.0% 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

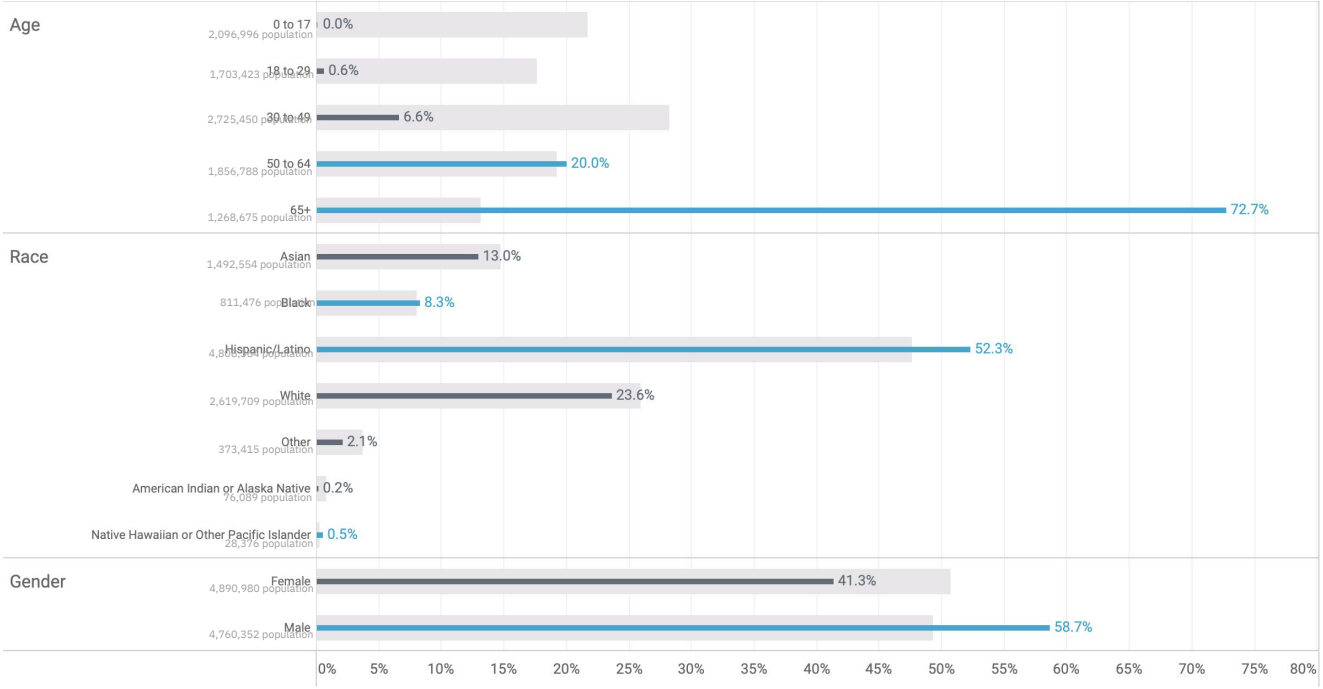
Source: Los Angeles Department of Public Health.

Deaths by Demographics

All metrics last updated at 1 PM, February 11, 2021

0%	0.6%	6.6%	20%	72.7%
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 **1.1% 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

Testing Details

TESTING

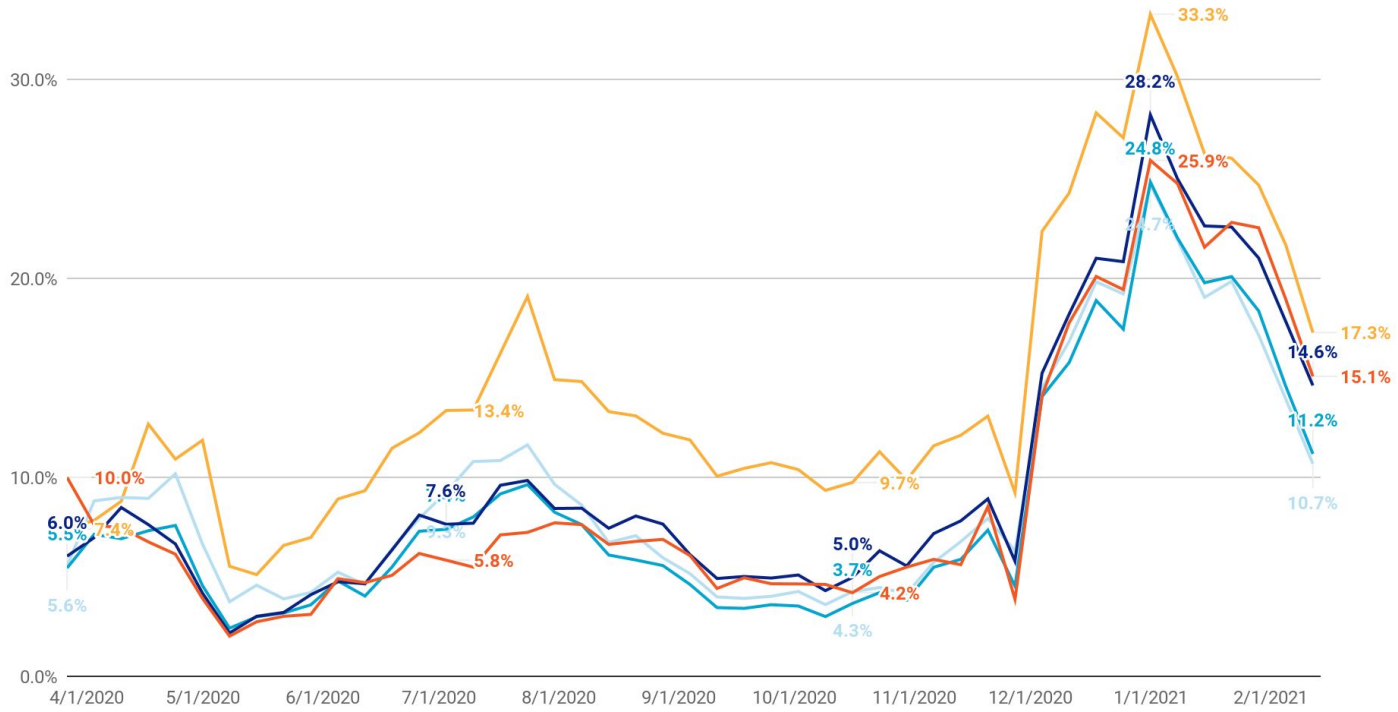
Weekly City Positive Testing by Age
June 23 to February 12 • Four-day lag

Key Takeaways:

From 2/6 to 2/12, the positive testing rate decreased for all age groups

Current Positive Rates by Age Group

- **17.3%** for ages 0-17
- **10.7%** for ages 18-29
- **11.2%** for ages 30-49
- **14.6%** for ages 50-64
- **15.1%** for ages 65+



% Positive (0-17)
% Positive (18-29)
% Positive (30-49)
% Positive (50-64)
% Positive (65+)

Source: Healthvana

Weekly City Positive Testing by Symptoms

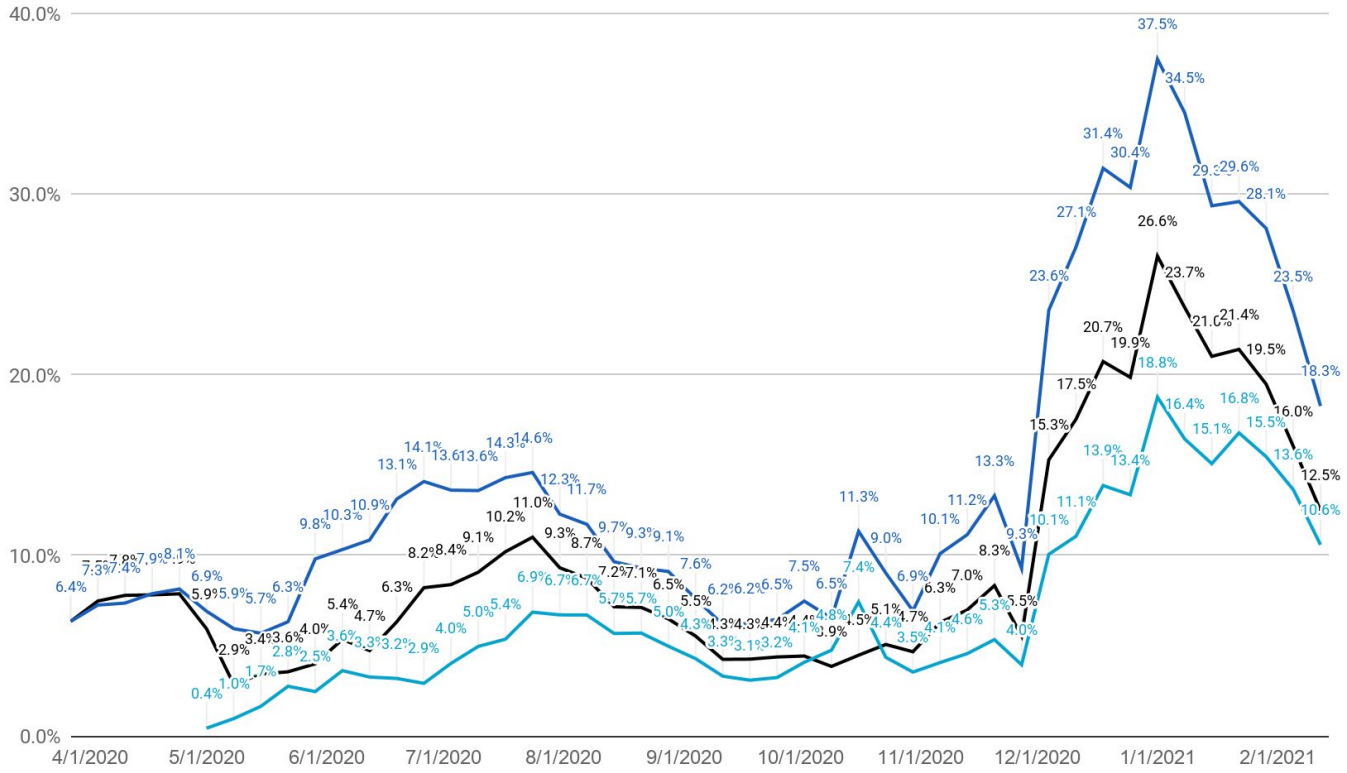
June 23 to February 12 • Three-day lag

Key Takeaways:

- Individuals experiencing symptoms are testing positive at a rate of **18.3%**
- Individuals not experiencing symptoms are testing positive at a rate of **10.6%***
- Last week's overall positive rate for symptomatic and asymptomatic individuals is **12.5%**

Note: *A portion of test results reported from 9/23 to 10/23 and in late November are missing symptom-type information*

*Overall positive rate only (not cumulative) only includes data results with complete symptomatic/asymptomatic information

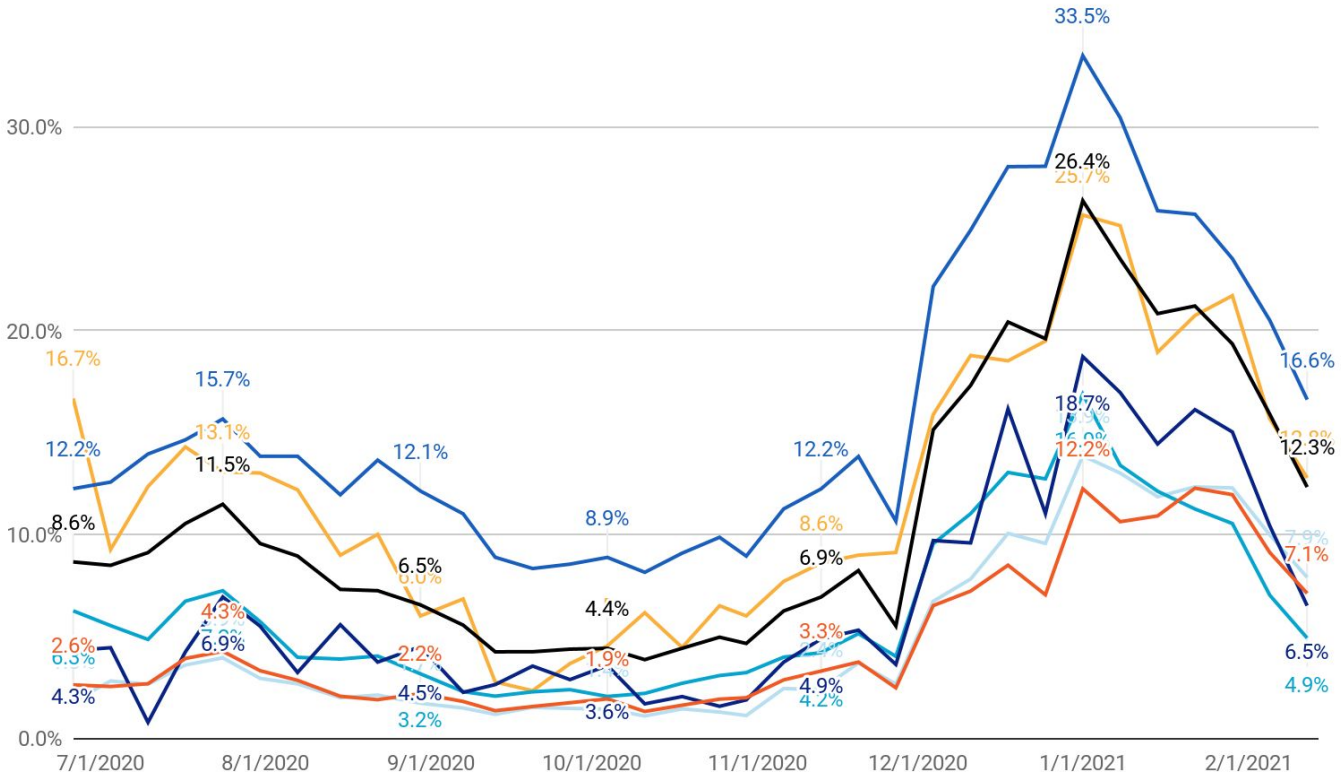


Source: Healthvana

Weekly City Positive Testing by Race
June 23 to February 12 Four-day lag

Key Takeaways:
Positive Testing Rates from 2/6 to 2/12*

- Hispanic/Latino—**16.6%**
- American Indian/Alaska Native—**12.8%**
- Black—**4.9%**
- Native Hawaiian/Pacific Islander—**6.5%**
- White—**7.1%**
- Asian—**7.9%**
- Overall Positive Rate: **12.3%**



Source: Healthvana
*Only data with complete race/ethnicity information was included

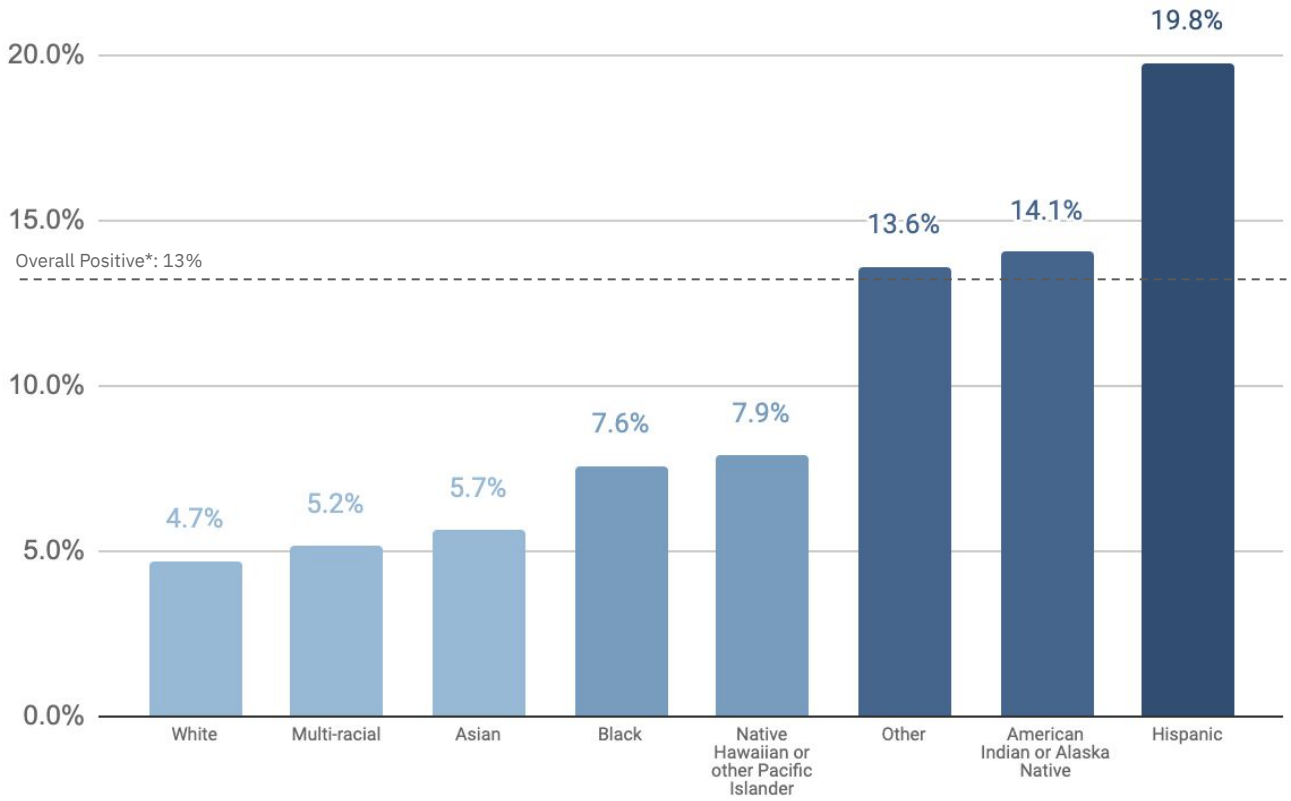
City Positive Testing by Race

June 23 to February 12 • Four-day lag

Key Takeaways:
Positive Testing Rates from 6/23 to 2/12

- Hispanic/Latino—**19.8%**
- White—**4.7%**
- Asian—**5.6%**
- Black—**7.6%**
- Other—**13.6%**
- Native Hawaiian/Pacific Islander—**7.9%**
- American Indian/Alaska Native—**14.1%**
- Multi-racial—**5.2%**

- Overall Positive Rate: **13%**



Source: Healthvana
*Only data with complete race/ethnicity information was included

Prepared by Mayor's Innovation Team

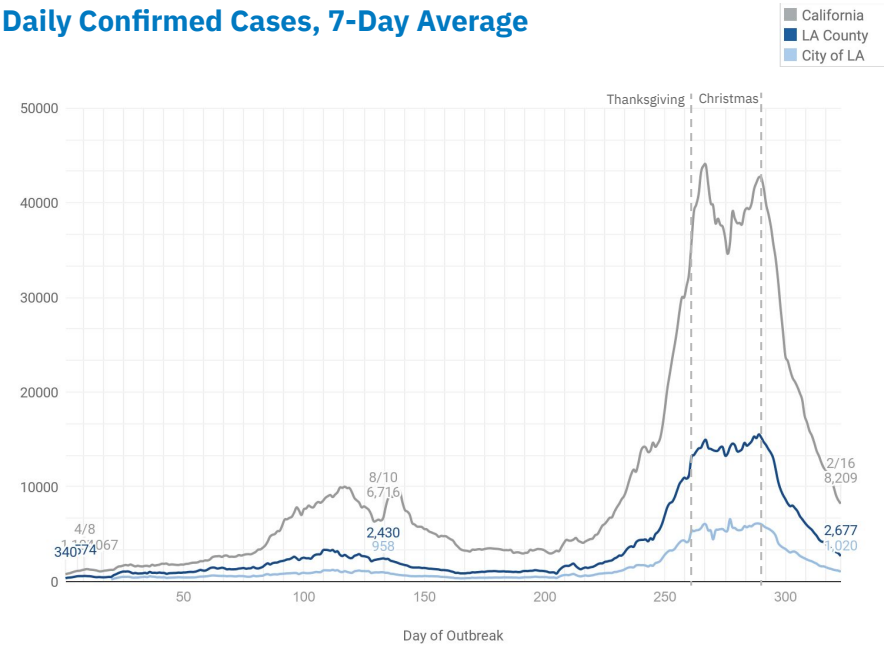
COVID-19 DATA SUMMARY

Comparative Updates

DAILY TOTALS (ROLLING AVERAGE)

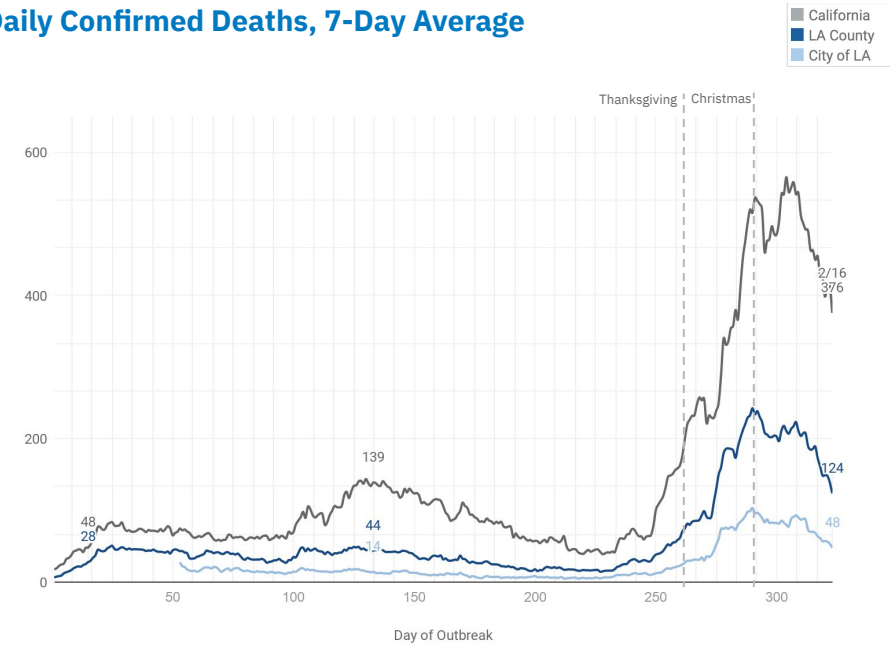
City + County + State Update
As of February 16, 2021, Updated 1:00 PM

Daily Confirmed Cases, 7-Day Average



Week of 2/10 to 2/16	CA	LA County	City of LA
Average Daily Cases Reported	8,209	2,677 (34.3% of cases in CA)	1,020 (13.9% of cases in CA)
% Change from yesterday	-4.3%	-10.0%	-10.6%

Daily Confirmed Deaths, 7-Day Average



Week of 2/10 to 2/16	CA	LA County	City of LA
Average Daily Deaths Reported	376	124 (40.8% of deaths in CA)	48 (16.7% of deaths in CA)
% Change from yesterday	-9.1%	-11.0%	-10.7%

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

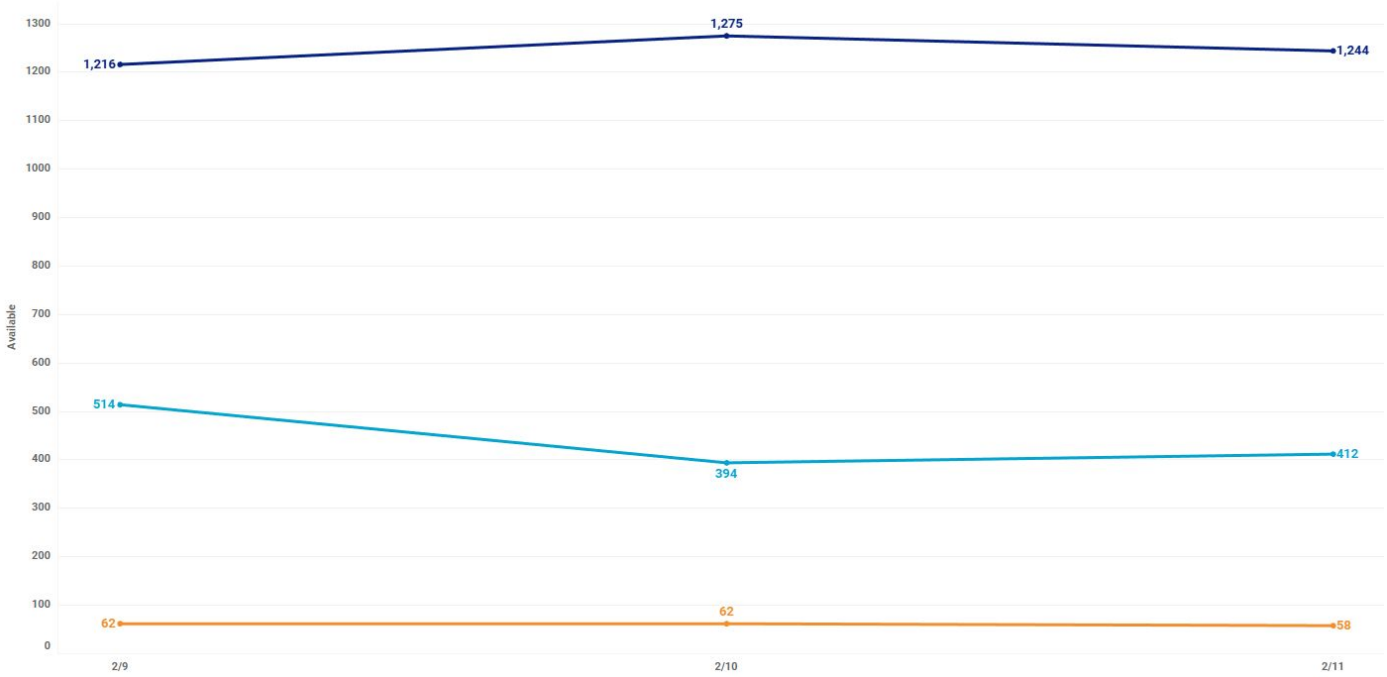
As of February 11, 2021 • Five-day lag

Key Takeaways:
470 total beds

Since last week, there has been a:

- **13.6% decrease** in available acute care beds. Surge capacity is 13,400.*
- **1.8% increase** in available ICU beds. Surge capacity is 3,000.*
- **11.2% increase** 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



Acute Care Beds
ICU Beds
Ventilators

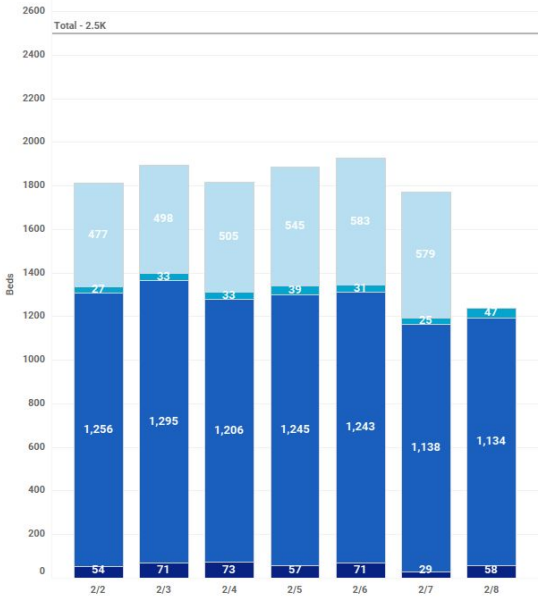
County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories
(ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)

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

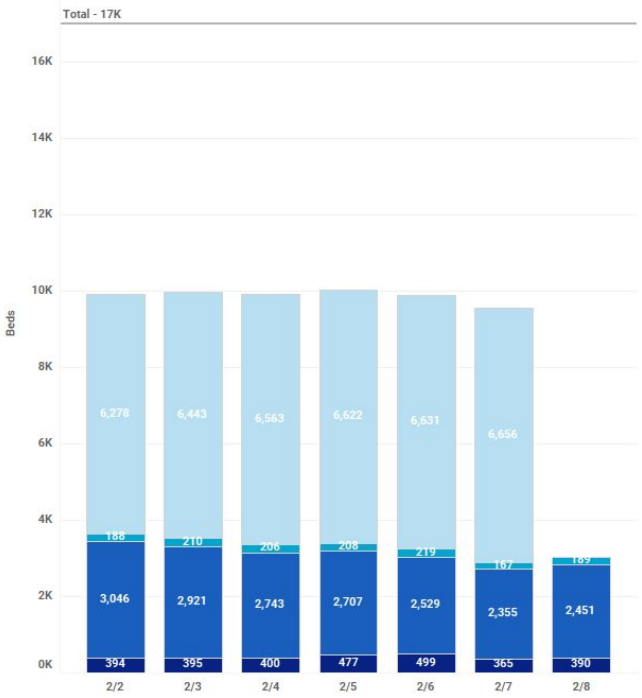
EQUIPMENT AVAILABILITY

Hospital Bed and Equipment Capacity for LA County
As of February 8, 2021 • Eight-day lag

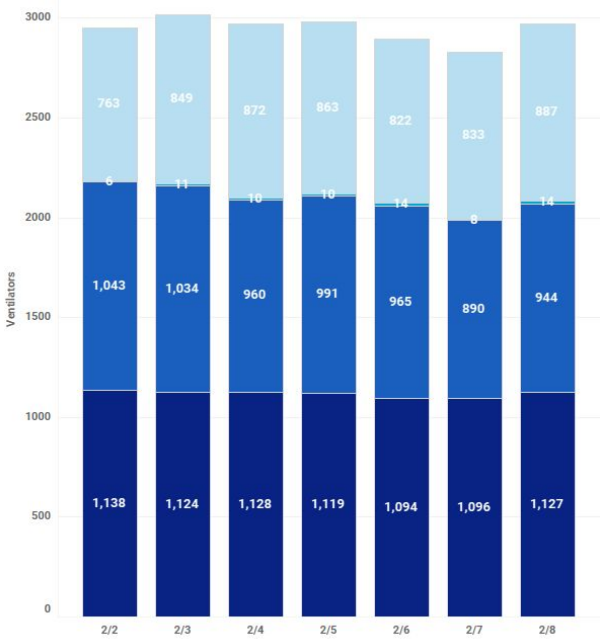
ICU BEDS



ACUTE CARE BEDS



VENTILATORS



Non-COVID Occupied
COVID Person Under Investigation
COVID Occupied
Available

***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

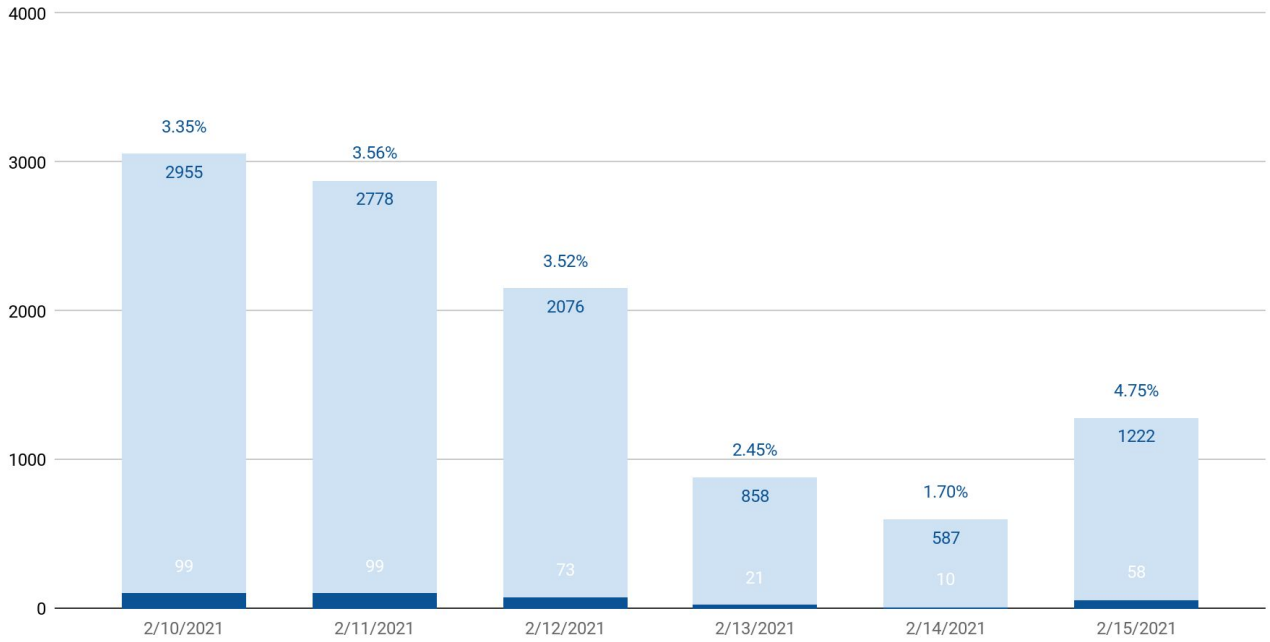
COVID-19 DATA SUMMARY

City Response and Preparedness

Hotline Services: 311 Calls

All metrics last updated February 15, 2021

58	1,222	832K	52.8K	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

4.75% of the total 311 calls were COVID-related.

Wait time was **2.6 mins for each call.**

CALL THEMES

- Testing or results
- Vaccine availability or related complaints
- Rent and eviction questions
- Restrictions and travel

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 January 30, 2021

Key Takeaways:

- **6,252** new claims from 1/24-1/30, including Pandemic Unemployment Assistance (PUA).
- Spiked on 3/28/20 with **112K** new claims
- This represents an increase of over **4500%** from the weekly average from 1/1 - 3/7
- December's preliminary unemployment (seasonally-adjusted) is estimated at **11%** for LA County slightly higher than the revised November numbers (10.9%)
- **1,402,965** 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
February 16, 2021