



Eric
Garcetti
@MayorOfLA

DAILY LOS ANGELES COVID-19 Data Summary

Friday, July 16, 2021

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

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COVID-19 DATA SUMMARY

Data Snapshot

LOS ANGELES COUNTY KEY METRICS

METRICS As of
July 16, 2021 3PM

TODAY'S
AVERAGES

CURRENT TREND
VS LAST WEEK

% CHANGE VS
LAST WEEK

CURRENT TREND
VS BASELINE

% CHANGE VS
BASELINE

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** (vs last week)

The following metrics have seen desirable movement over the past seven days: **New Deaths, 7-Day COVID Positive Test Rate** (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

New Cases (7-day avg.)

1,383



+48.1%



+32.6%

New Deaths (7-day avg.)

6



-14.3%



-88.2%

COVID 7-Day Positive Test Rate (as of one week ago)

1.5%



+0.4%



-10.3%

 Undesired Trend

 Desired Trend

 Desired Change

 Undesired Change

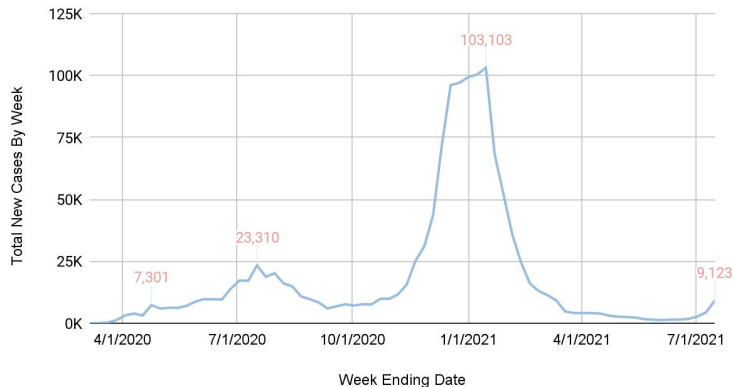
 No Change

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

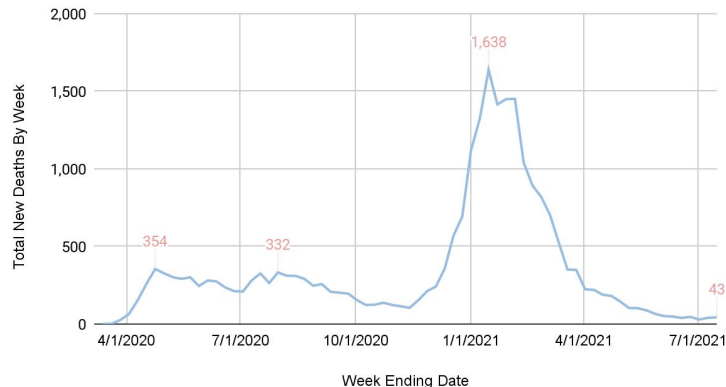
Prepared by Mayor's Innovation Team

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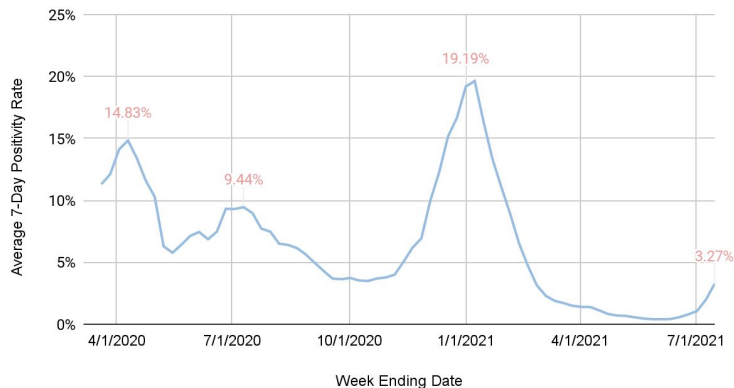
LOS ANGELES COUNTY: WEEKLY NEW CASES



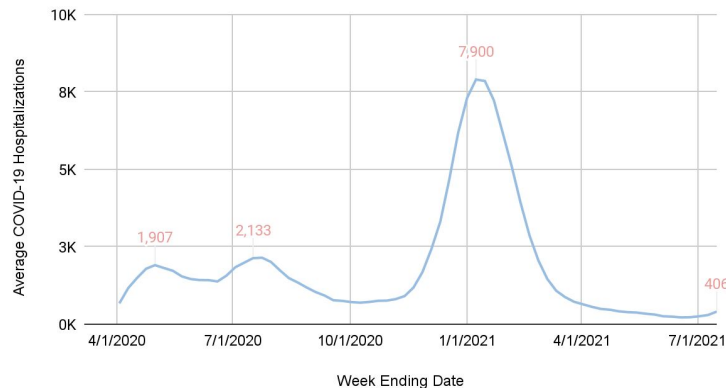
LOS ANGELES COUNTY: WEEKLY NEW DEATHS



LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE



LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS



COVID-19 DATA SUMMARY

United States Updates

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

As of July 15, 2021 • One-day lag

The top five states with the highest numbers of total cases are:

California: 3.8M cases (9,731.6 per 100K)
64.0K deaths (161.9 per 100K)

Texas: 3.0M cases (10,566.2 per 100K)
52.8K deaths (183.8 per 100K)

Florida: 2.4M cases (11,290.9 per 100K)
38.2K deaths (179.1 per 100K)

New York: 2.1M cases (10,866.0 per 100K)
53.8K deaths (275.1 per 100K)

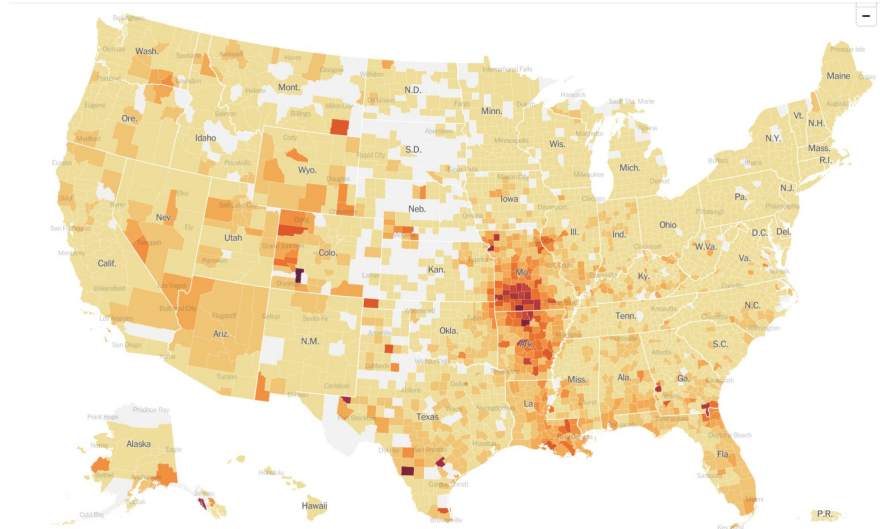
Illinois: 1.4M cases (10,982.4 per 100K)
25.8K deaths (202.4 per 100K)

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

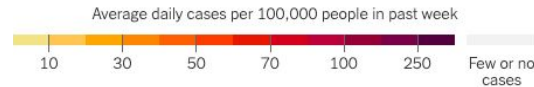
California ranks ...
#1 in Cumulative Cases
#39 in Cases per 100K

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

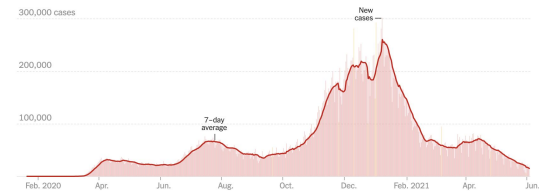
Source: Johns Hopkins University and NY Times



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 July 15, 2021 • One-day lag

The top five states with the highest numbers of new cases are:

Texas: +3.0K cases
36 additional deaths

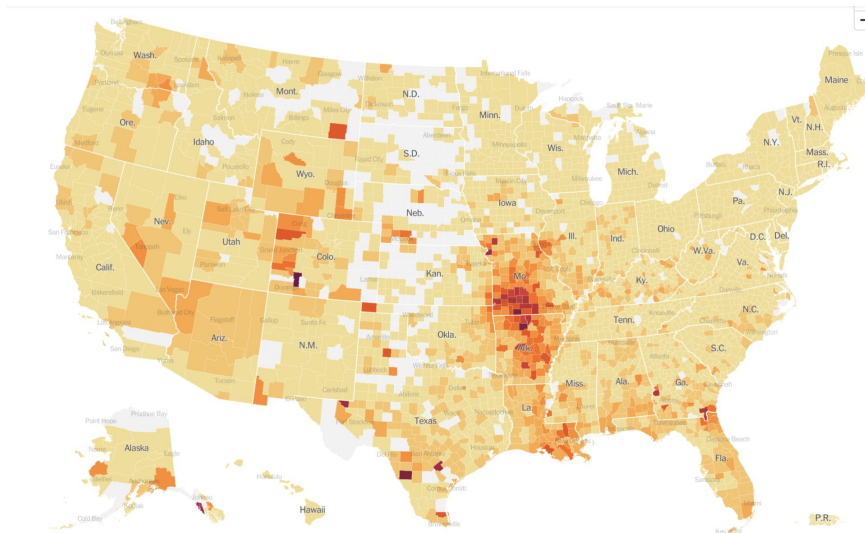
Missouri: +2.8K cases
10 additional deaths

California: +1.8K cases
31 additional deaths

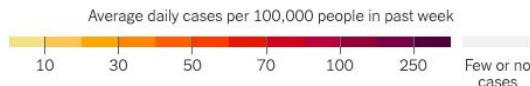
Louisiana: +1.5K cases
13 additional deaths

Georgia: +1.4K cases
19 additional deaths

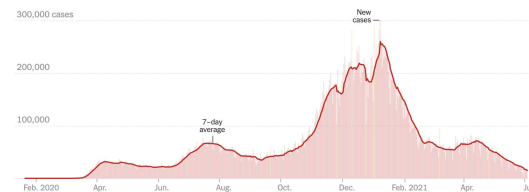
Kansas, North Carolina, Arizona, Arkansas, Alabama follow to comprise the 10 states reporting the highest numbers of new cases.



Legend for map



New cases per day in the United States



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

As of July 15, 2021 • One-day lag

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

Miami-Dade, Florida: 18,983 cases per 100K
(515,765 total cases)

Yuma, Arizona: 17,497 cases per 100K
(37,406 total cases)

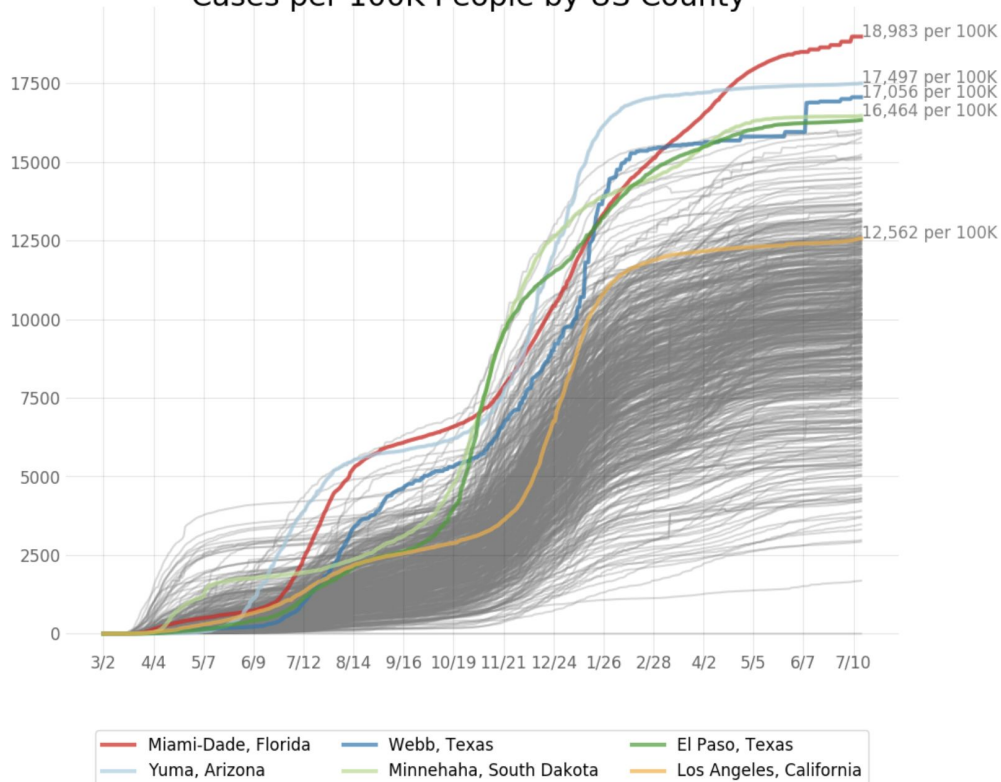
Webb, Texas: 17,056 cases per 100K
(47,187 total cases)

Minnehaha, South Dakota (Sioux Falls): 16,464 cases per 100K
(31,797 total cases)

El Paso, Texas: 16,332 cases per 100K
(137,063 total cases)

Los Angeles, California: 12,562 cases per 100K
(1,261,164 total cases)
Los Angeles County ranks #70 out of 584 counties with 100K+

Cases per 100K People by US County



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

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

As of July 15, 2021 • One-day lag

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

Navajo, Arizona: 500.3 deaths per 100K
(555 total deaths)

Bronx, New York: 464.6 deaths per 100K
(6,589 total deaths)

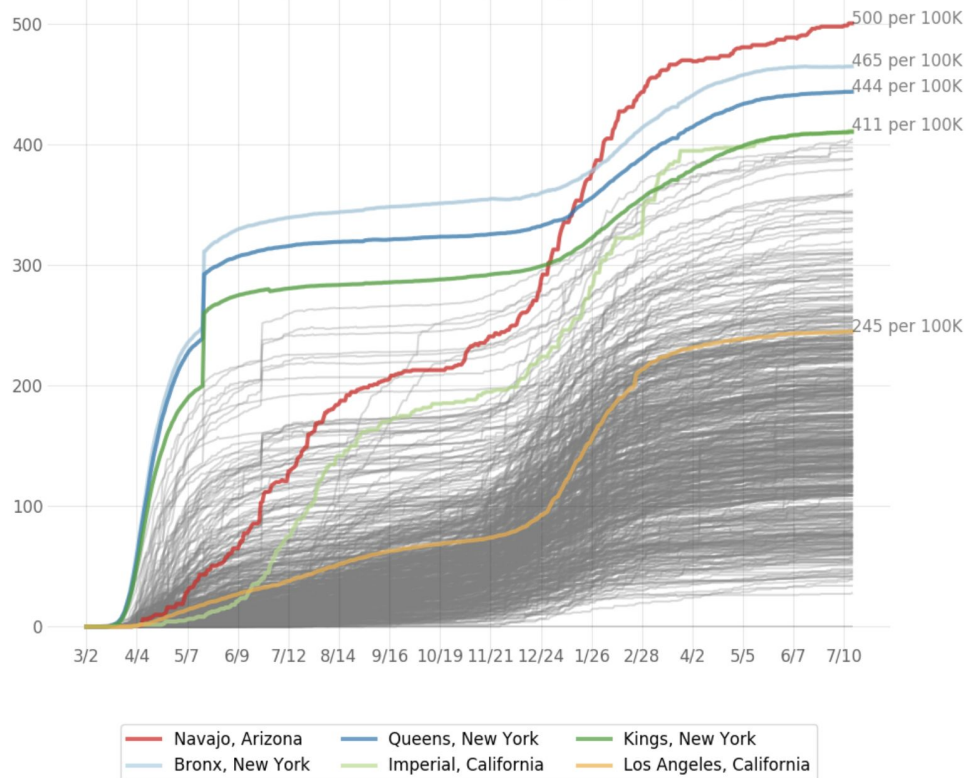
Queens, New York: 443.6 deaths per 100K
(9,997 total deaths)

Imperial, California: 411.1 deaths per 100K
(745 total deaths)

Kings, New York: 410.3 deaths per 100K
(10,504 total deaths)

Los Angeles, California: 244.8 deaths per 100K
(24,578 total deaths)
Los Angeles County ranks #82 out of 584 counties with 100K+

Deaths per 100K People by US County



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 Case Updates

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

LOS ANGELES

1.43 1,902 1,264,450

Infection Rate New Cases Total Cases
Ideal < 1.0

CALIFORNIA

468 3.75M

New Cases Total Cases

UNITED STATES

28,412 34M

New Cases Total Cases

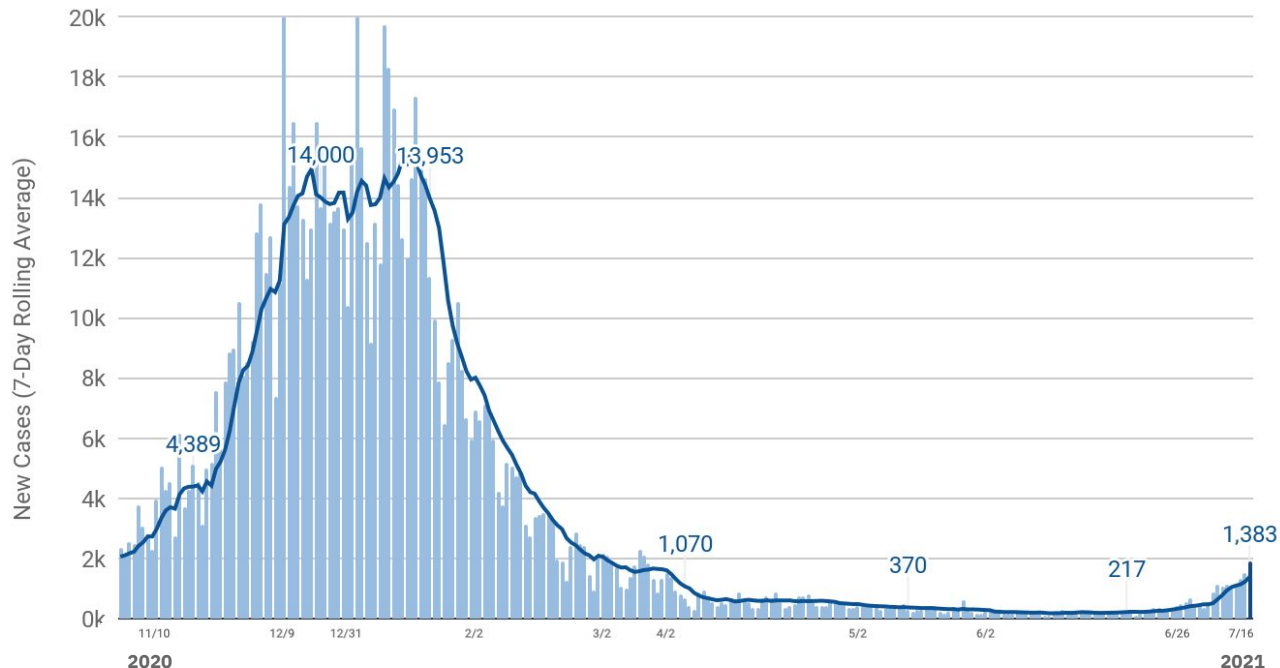
GLOBAL

569,372 188.9M

New Cases Total Cases

LA COUNTY 7-DAY AVERAGE CASES

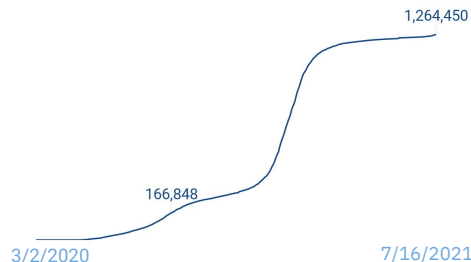
■ New Cases (7-Day Rolling Average)
■ Daily New Cases



KEY TAKEAWAYS

- LA County accounts for **33.7%** of cases in CA with an average of **1,383** new cases reported from 7/10 to 7/16 (**12.9%** 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, July 16, 2021
unless otherwise noted

LOS ANGELES

1.9% 6 24,568

Mortality Rate New Deaths Total Deaths

CALIFORNIA

147 63,598

New Deaths Total Deaths

UNITED STATES

283 608.4K

New Deaths Total Deaths

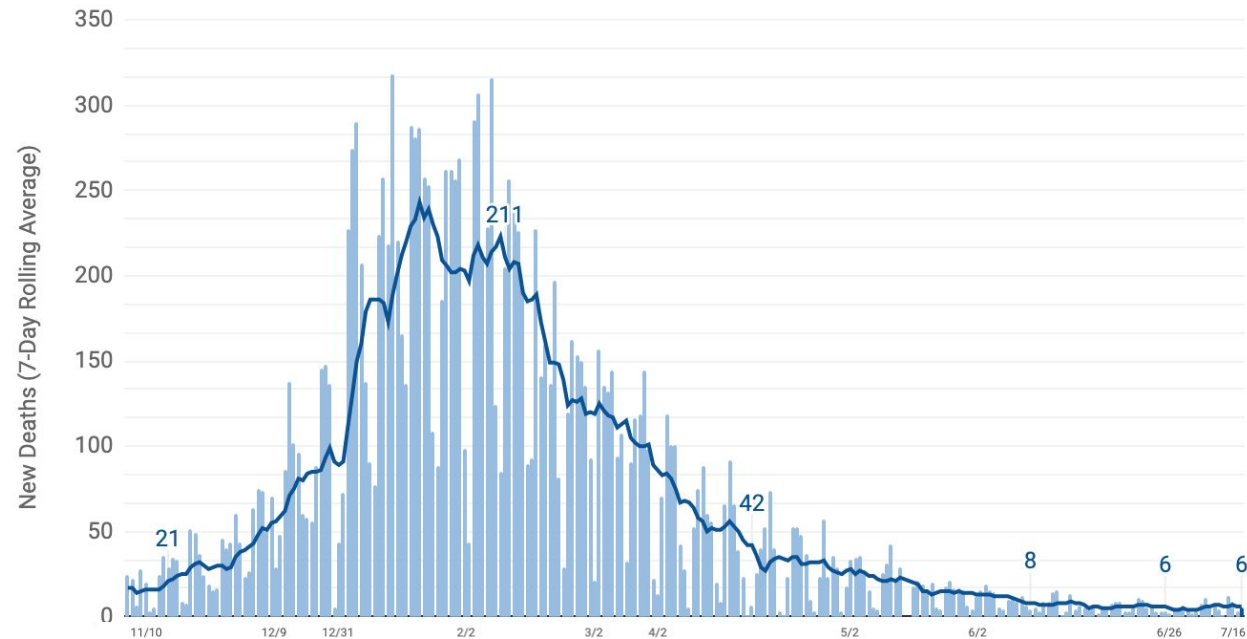
GLOBAL

8,449 4.1M

New Deaths Total Deaths

LA COUNTY 7-DAY AVERAGE DEATHS

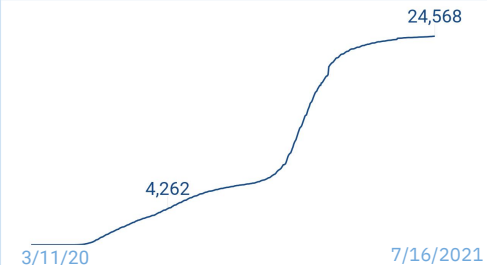
■ New Deaths (7-Day Rolling Average)
■ Daily New Deaths



KEY TAKEAWAYS

- LA County accounts for **38.6%** of deaths in CA with an average of **6** new deaths reported from 7/10 to 7/16 (0% 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 July 15, 2021

TESTS COMPLETED

18.2K 4.46M

City Tests
Since last report

City Tests
Since 3/20/20

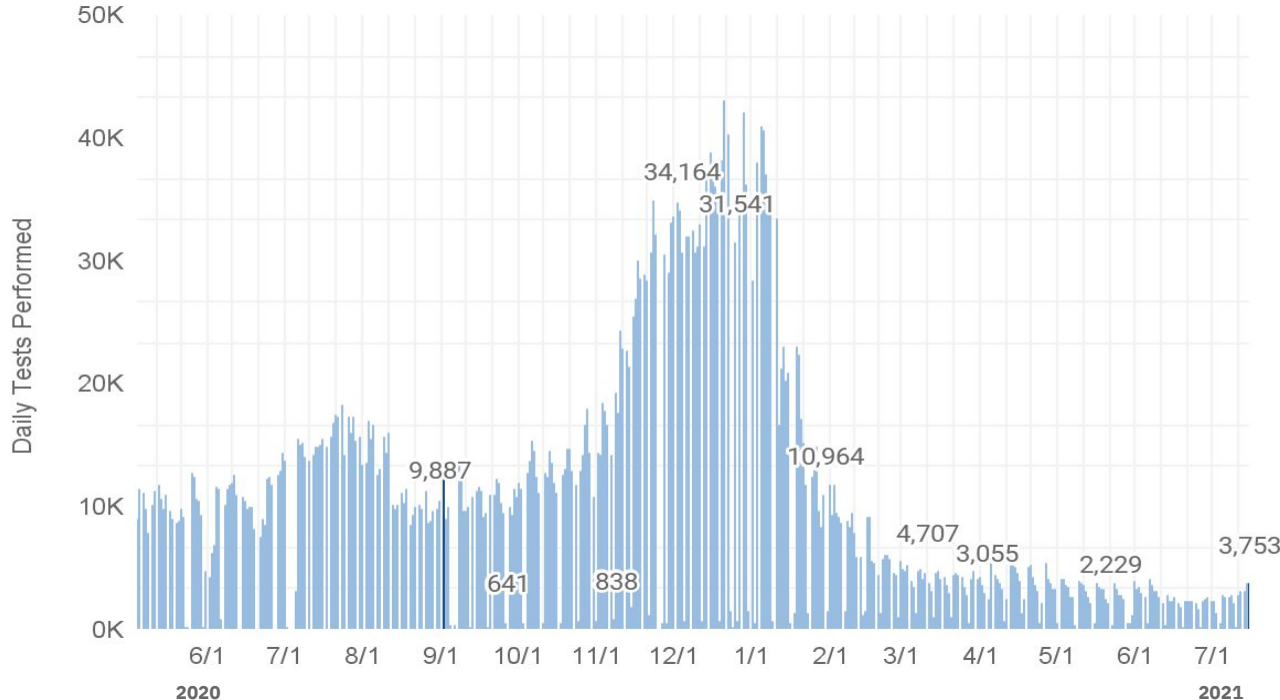
AVAILABILITY

10

Total City Sites
Available 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

9.76%

7-Day Positivity Rate - Tests

KEY TAKEAWAYS

- At least **4,458,179** tests have been performed at City of Los Angeles since 3/20/20
- On average, **2,667** tests were performed each day from 7/9 to 7/15
- **470,753** of the **4,296,779** tests for which results were received were positive (11.1%)

Source: City of Los Angeles

LA Testing Updates • Positivity Rate

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

TESTS COMPLETED

18.2K

City Tests
Since last report

4.46M

City Tests
Since 3/20/20

AVAILABILITY

10

Total City Sites
Available Today

POSITIVITY RATE

11.1%

Cumulative
City - Tests

6.7%

Cumulative
County - Tests

16.4%

Cumulative
County - People

3.0%

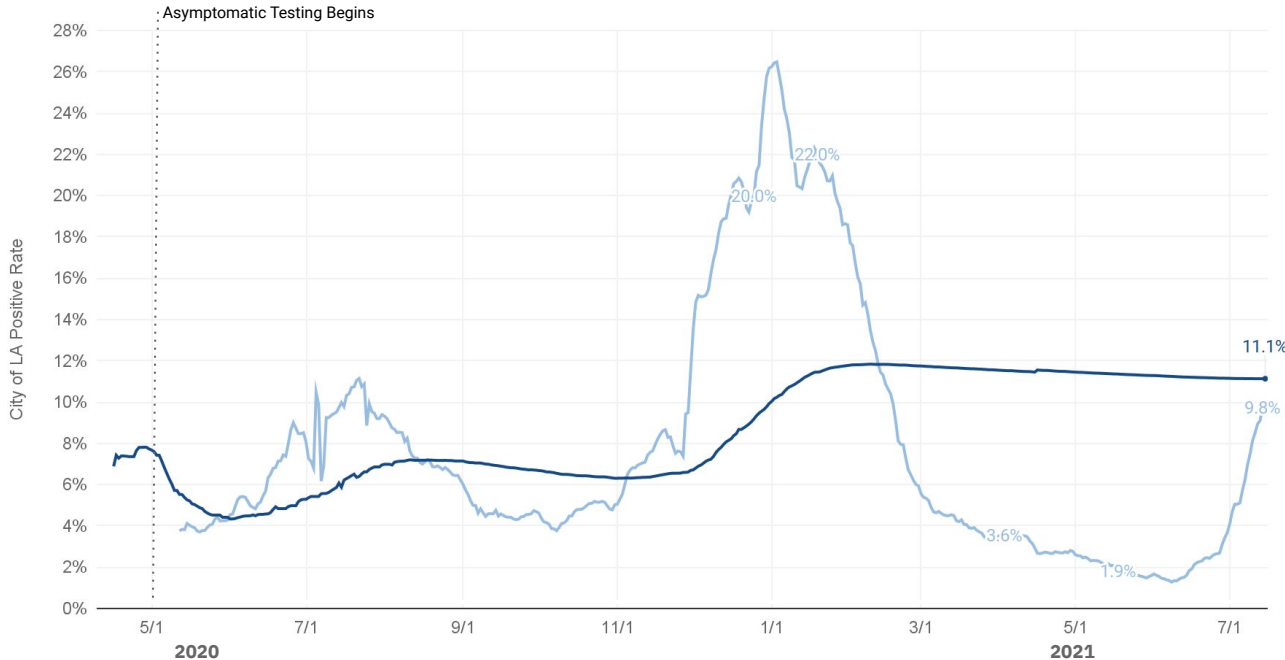
County's 7-day Rate
For Tests (1 week lag)

9.76%

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.

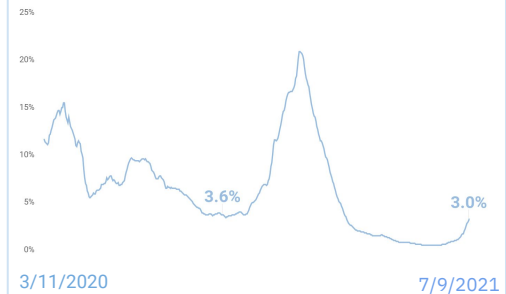
POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day lag for 7-day rate)



KEY TAKEAWAYS

LA County has tested a total of at least **7,155,357** people and a total of **22,473,936** 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

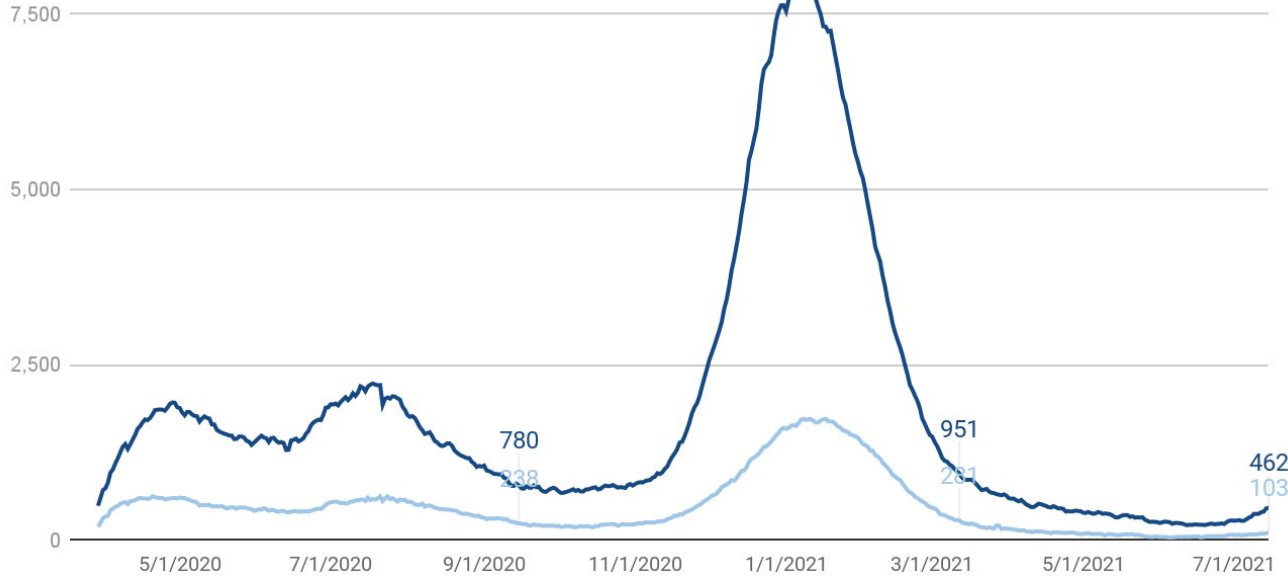
All metrics as of July 15, 2021

HOSPITALIZATIONS

462 68.4K

Current Hospitalizations Total Hospitalizations

CURRENT HOSPITALIZATIONS IN LA COUNTY



PERCENT CHANGE SINCE LAST WEEK

- Total Hospitalized: **+37.5%** change
- ICU Hospitalized: **+24.1%** change

■ Number of Patients Hospitalized for COVID-19
■ Number of Patients in ICU for COVID-19

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 July 15, 2021 unless otherwise noted

CITY OF LOS ANGELES

1,511,377 1,368,823

Vaccines
Received

Vaccines
Administered

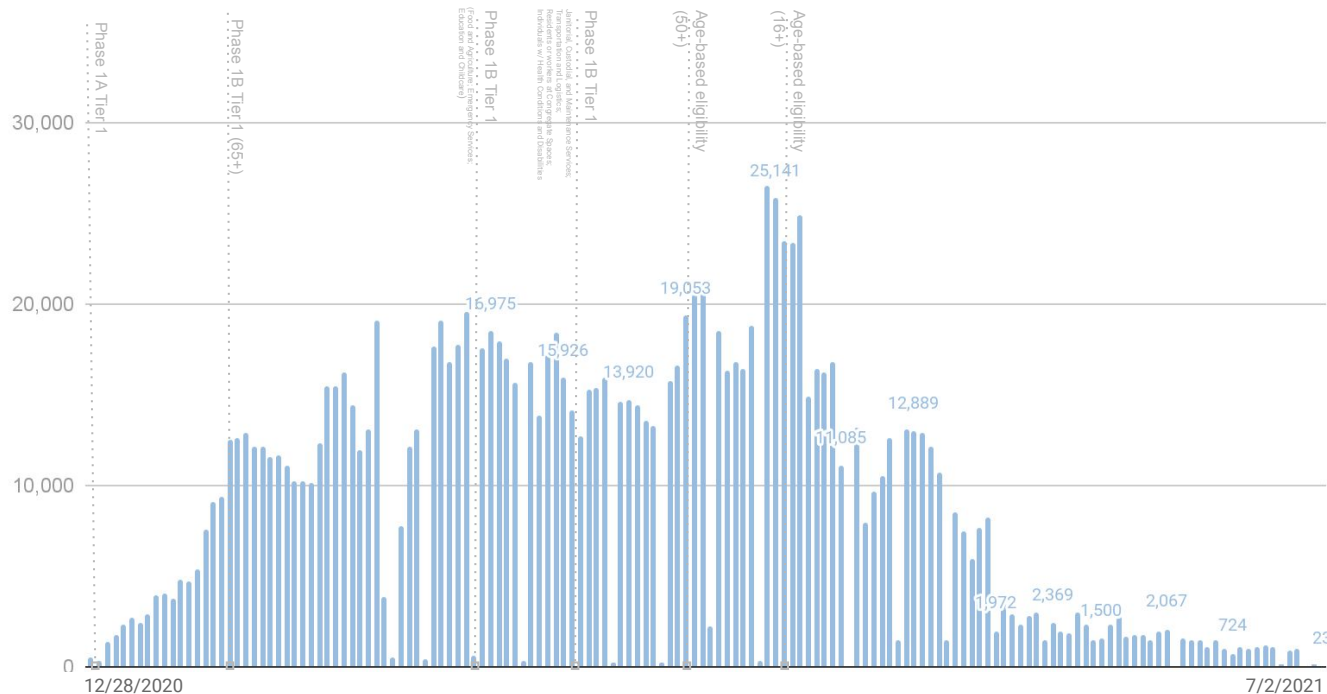
LOS ANGELES COUNTY (AS OF 7/15/2021)

10,712,037

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

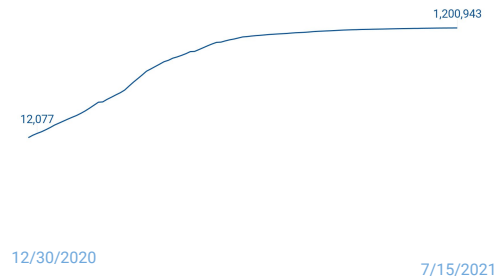


*County vaccine numbers from California's [public vaccine](#) portal. Counts here may vary from other official DPH sources.

KEY TAKEAWAYS

Of the total administered: **31,159** vaccines have been administered to City Depts, **1,070** at SNFs, **2,206** at DHP, and **1,200,943** at City sites

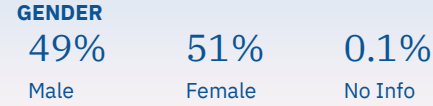
CUMULATIVE VACCINES AT CITY SITES



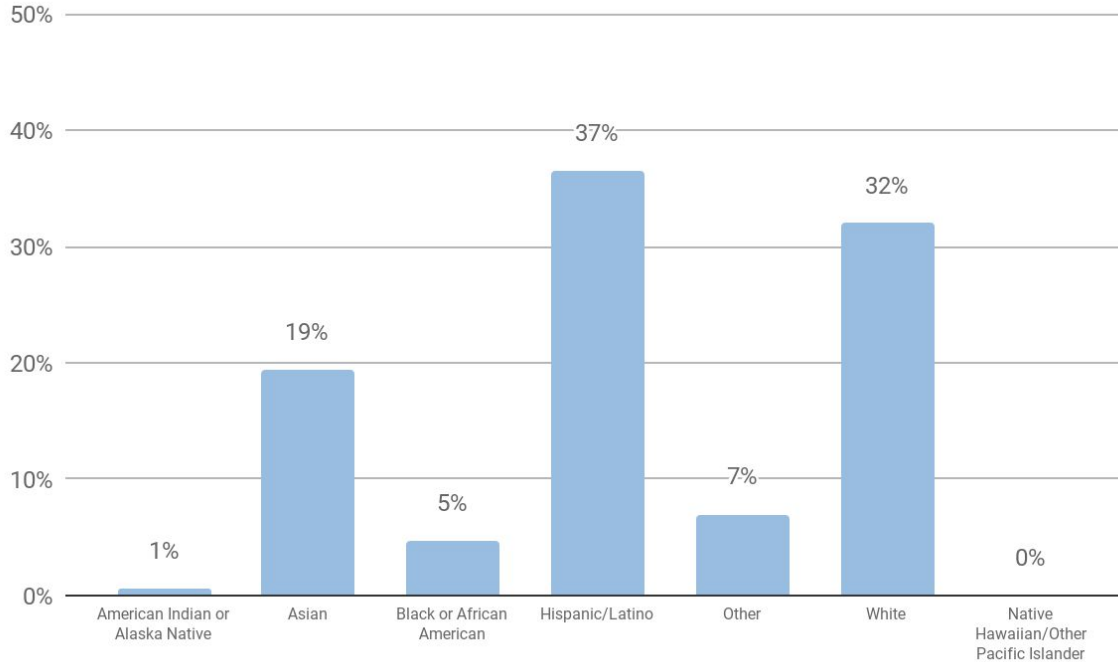
Source: LAFD

First-Dose Vaccines Administered by Demographics at City Sites

All metrics as of July 15, 2021



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

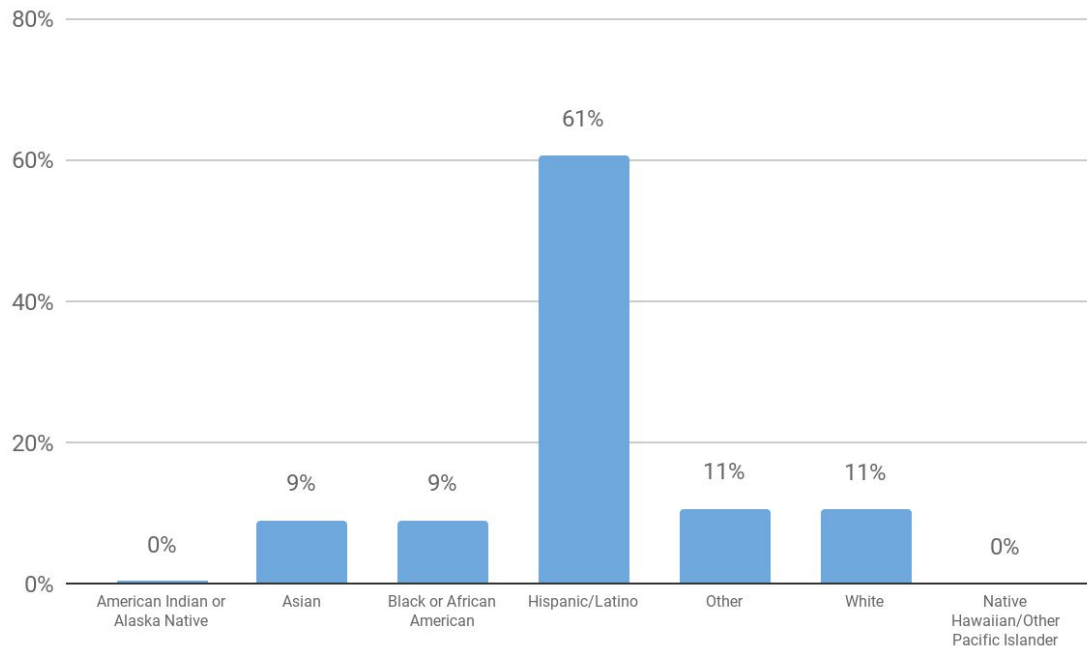
All metrics as of July 15, 2021

AGE				
4%	17%	36%	28%	15%
0 to 17 yrs	18 to 29 yrs	30 to 49 yrs	50 to 64 yrs	65+

GENDER		
49%	50%	1%
Male	Female	No Info

TOTAL (AS OF 7/15)
123,244
 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%

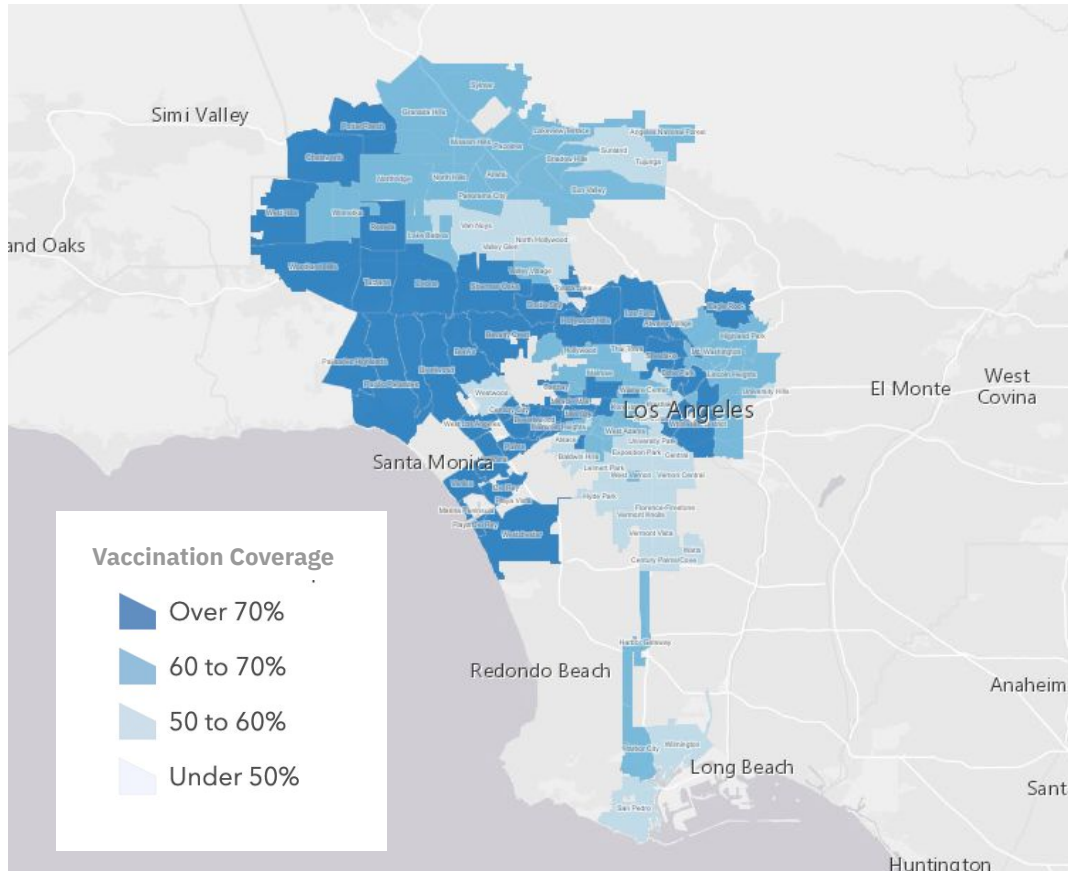
Note: As race and ethnicity are considered different metrics, there may be overlap between Hispanic/Latino and other demographics.

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

Percent of Eligible Population Vaccinated by Neighborhood

All metrics as of July 15, 2021

Note: This slide updates on Fridays, but data has a lag.



KEY TAKEAWAYS

A total of **1,368,823** appointments have been made for City sites. At least 90% of these appointments contain ZIP Code data.

PERCENT OF VACCINE APPOINTMENTS FROM RESIDENTS IN:

LA CITY	LA COUNTY Not including City
72%	25%
of appointments with ZIP code data	of appointments with ZIP code data

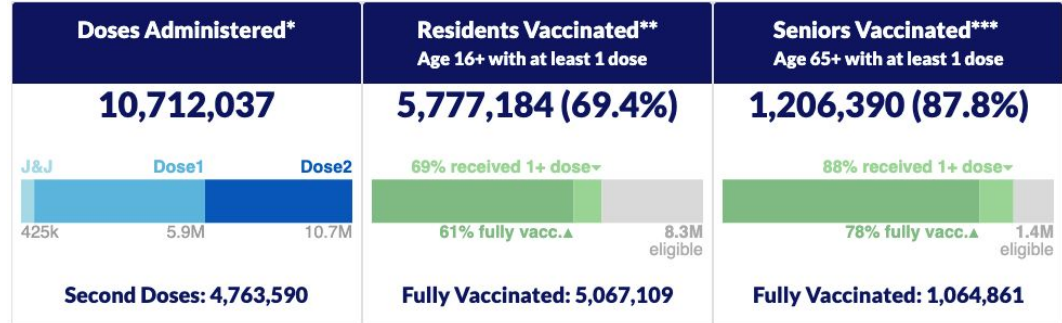
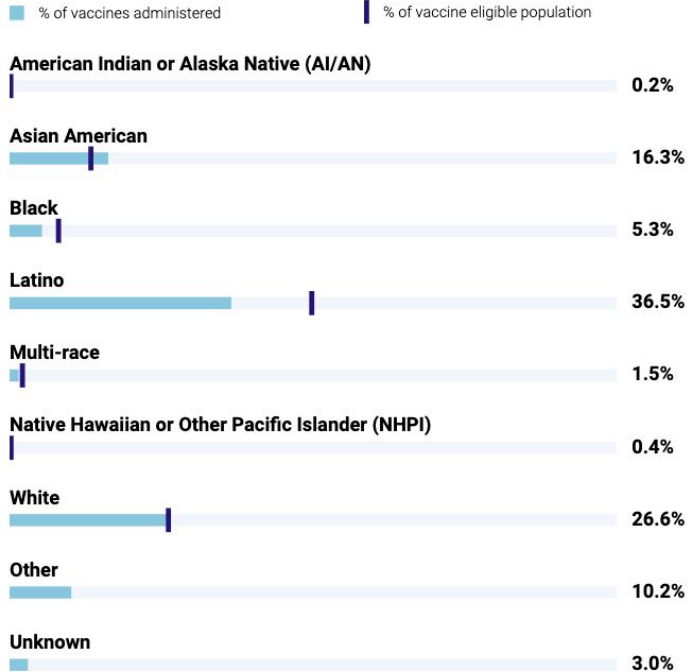
Note: While ZIP codes are a good approximation of location for our residents, it is not the most accurate, for reasons like typos when registering, or residents having multiple addresses, etc.

Source: LA County Department of Public Health and Carbon Health for Vaccine Appointment Data

Vaccines Administered by Demographics for LA County

Race and Ethnicity metrics as of July 13, 2021
Dose administration metrics as of July 11, 2021

People with at least one dose of vaccine administered by race and ethnicity in Los Angeles County



Source: <https://covid19.ca.gov/vaccination-progress-data/>
<http://publichealth.lacounty.gov/media/coronavirus/vaccine/vaccine-dashboard.htm>

COVID-19 DATA SUMMARY

Testing Details

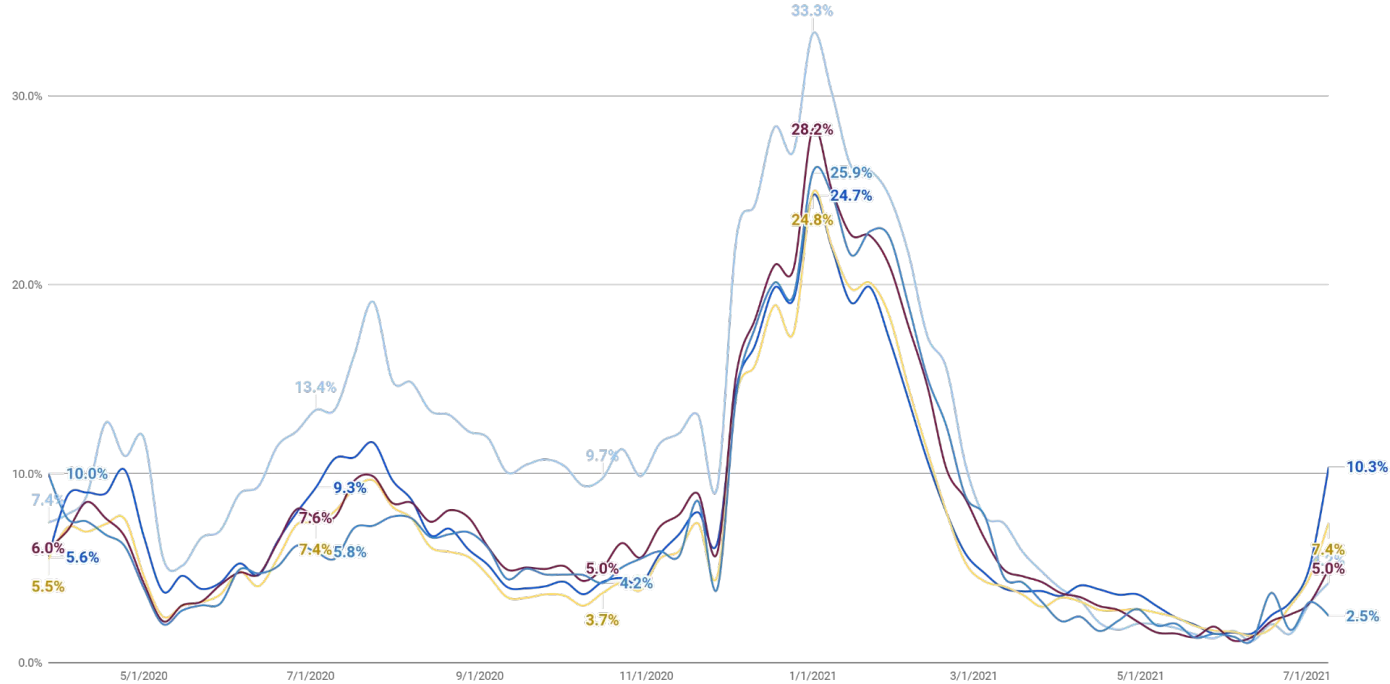
TESTING

Weekly City Positive Testing by Age June 23, 2020 to July 9, 2021

Since last week, we saw the test positivity rate **doubled** in the **0 to 17** and **30-49** age groups

Current positive rates by age group:

- 4.2% for ages 0 to 17
- 10.3% for ages 18 to 29
- 7.4% for ages 30 to 49
- 5.0% for ages 50 to 64
- 2.5% for ages 65+



Source: Healthvana

Weekly City Positive Testing by Symptoms June 23, 2020 to July 9, 2021

Key Takeaways:

- Last week's overall positive rate for symptomatic and asymptomatic individuals is **7.2%** (a 73% change from last week).
- Individuals experiencing symptoms are testing positive at a rate of **12.9%** (a 74% change from last week).
- Individuals not experiencing symptoms are testing positive at a rate of **5.0%** (a 80% change from last week).*

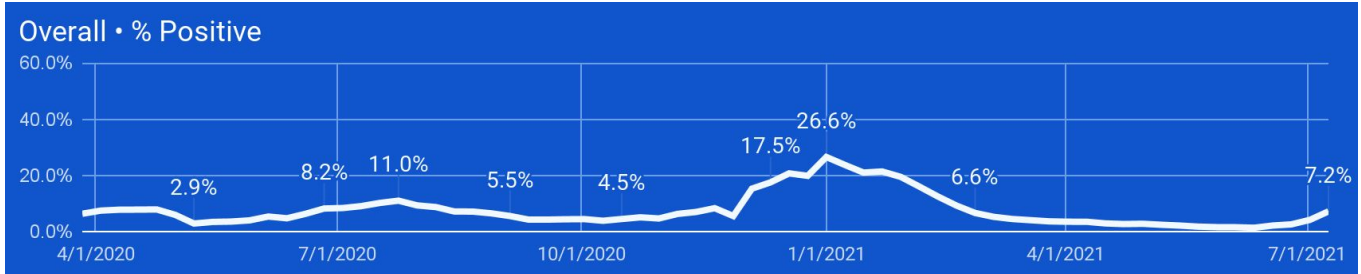
Note: A portion of test results reported from 9/23 to 10/23 and in late November are missing symptom-type information

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

Source: Healthvana

Prepared by Mayor's Innovation Team

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Weekly City Positive Testing by Race June 23, 2020 to July 9, 2021

Key Takeaways:

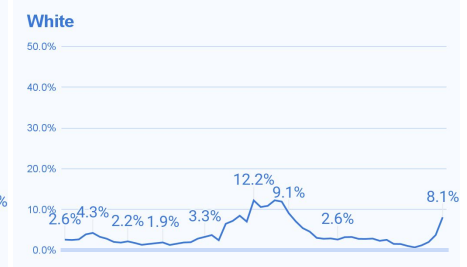
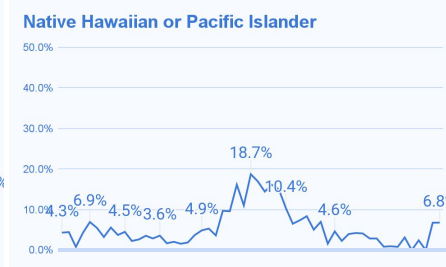
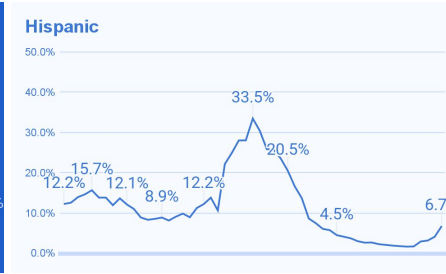
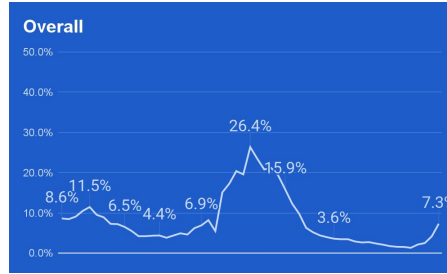
Positive testing rates from 7/3 to 7/9

Since last week, test positivity rates doubled in **White**, **Other**, and **Multiracial** groups

- Overall Positive Rate: 7.3%
- Hispanic/Latino: 6.7%
- American Indian/Alaska Native: 7.89%
- Black: 11.4%
- Native Hawaiian/Pacific Islander: 6.8%
- White: 8.1%
- Asian: 4.8%
- Multiracial: 10.9%
- Other: 7.4%

Source: Healthvana

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TESTING

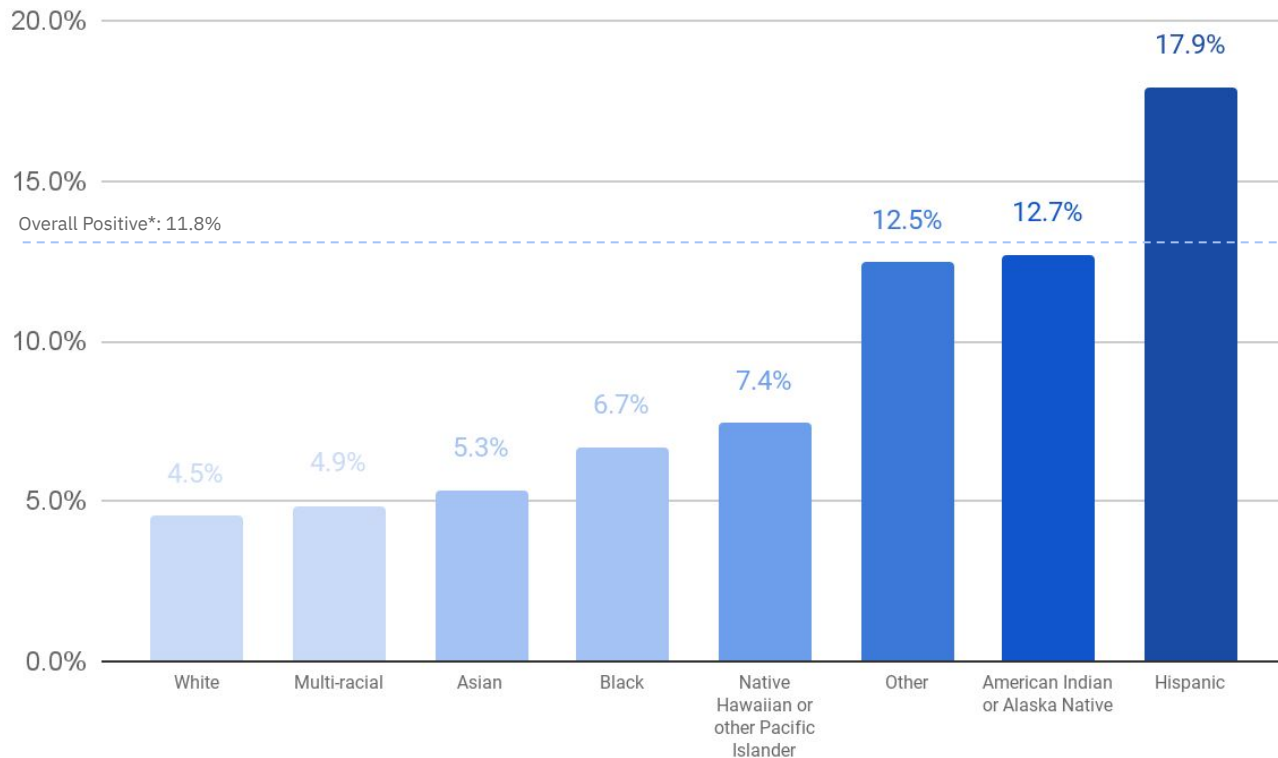
City Positive Testing by Race

June 23, 2020 to July 9, 2021

Key Takeaways:

Positive testing rates
from 6/26/20 to 7/9/21:

- Overall Positive Rate: 11.8%
- Hispanic/Latino: 17.9%
- American Indian/Alaska Native: 12.7%
- Black: 6.7%
- Native Hawaiian/Pacific Islander: 7.4%
- White: 4.5%
- Asian: 5.3%
- Multiracial: 4.9%
- Other: 12.5%



Source: Healthvana

*Only data with complete race/ethnicity information was included

COVID-19 • LOS ANGELES COUNTY

Demographic Comparisons

Cases by Demographics

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

13%

0 to 17 yrs

24%

18 to 29 yrs

33%

30 to 49 yrs

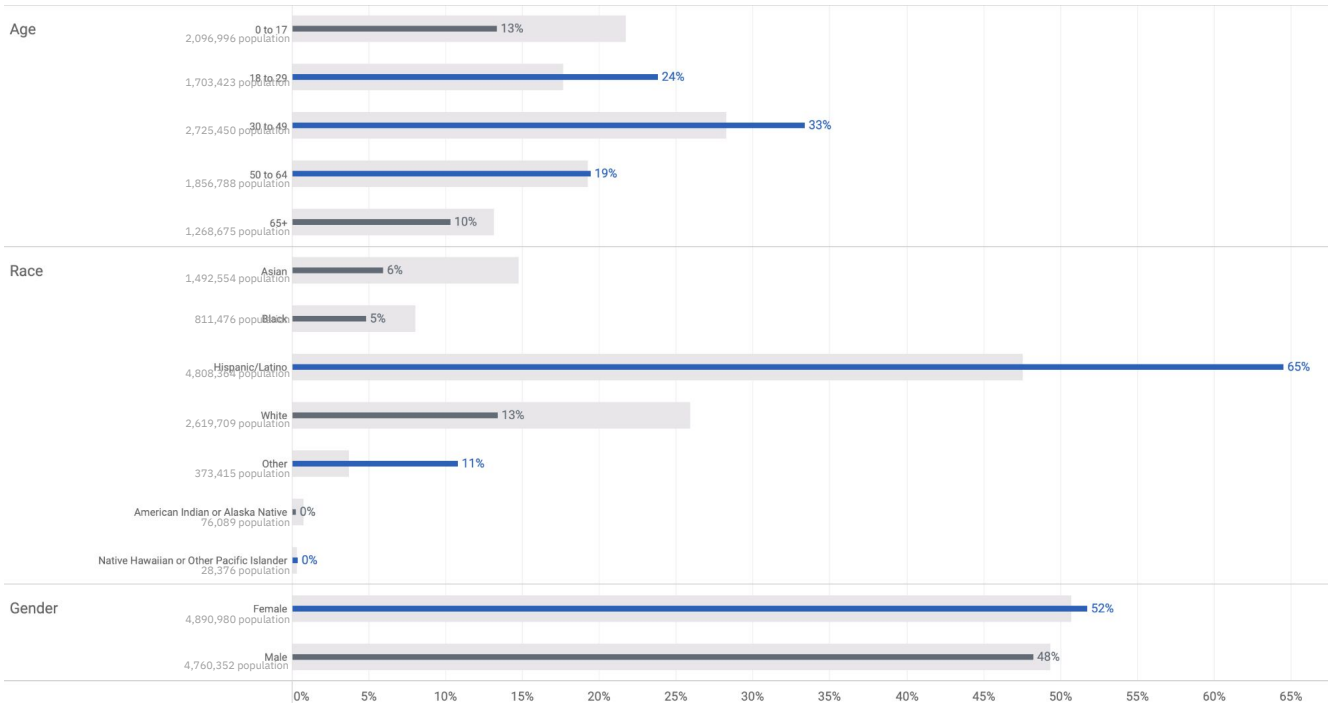
19%

50 to 64 yrs

10%

65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION



KEY TAKEAWAYS

Data is incomplete with **18% 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

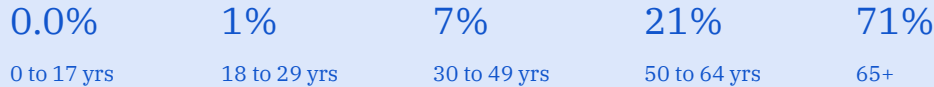
Legend:

- Percent of LA County Population
- Percent of Total Cases

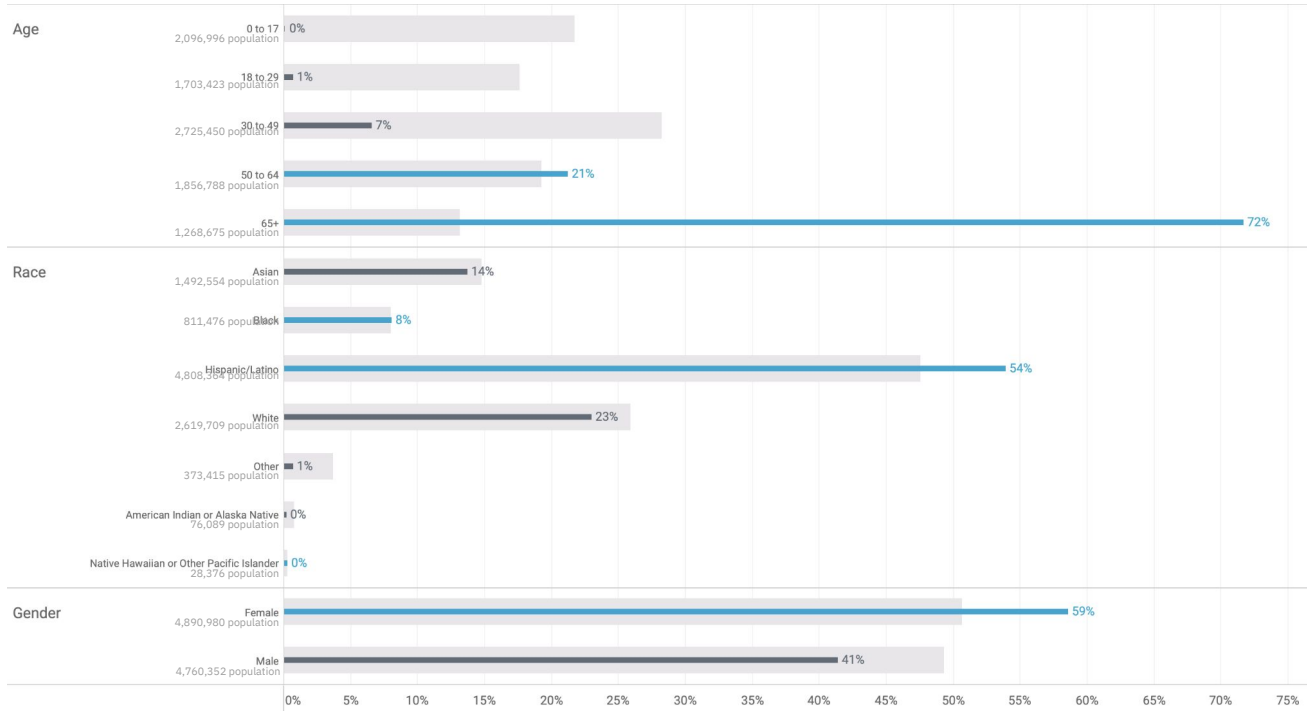
Source: Los Angeles Department of Public Health

Deaths by Demographics

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



PERCENT OF TOTAL DEATHS COMPARED TO POPULATION



KEY TAKEAWAYS

• As of July 9, 2021:
At least **20,815 out of 23,233 deaths (89.5%)** 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

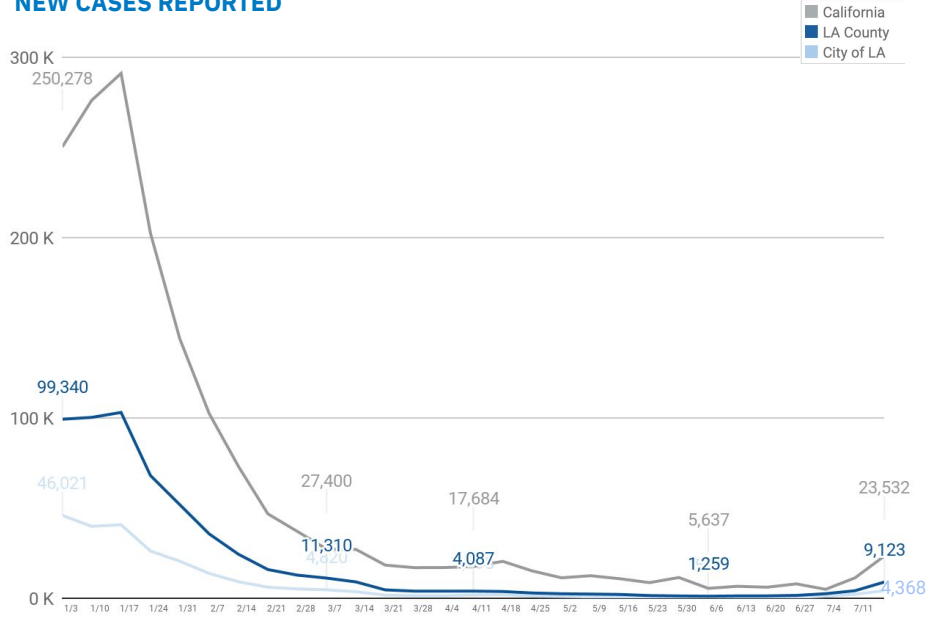
COVID-19 DATA SUMMARY

Comparative Updates

WEEKLY TOTALS

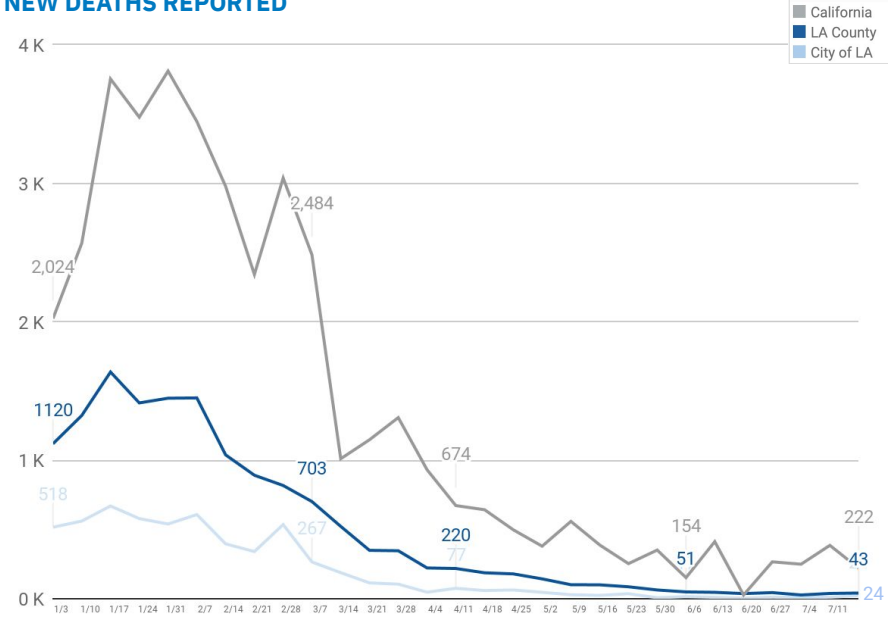
City + County + State Update As of July 16, 2021, Updated 1:00 PM

NEW CASES REPORTED



Week of 7/10 to 7/16	CA	LA County	City of LA
Weekly Total	23,532	9,123	4,368
% Change from last week	105.6%	111.5%	89.8%

NEW DEATHS REPORTED



Week of 7/10 to 7/16	CA	LA County	City of LA
Weekly Total	222	43	24
% Change from last week	-42.6%	7.5%	84.6%

End of Report
July 16, 2021