DAILY LOS ANGELES

COVID-19 Data Summary

Friday, October 29, 2021
**INDEX**

- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- Testing Details
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
## Key Takeaways:

The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases**

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

**Note:** The month/year comparison is the most recent date that similar metrics were seen. In cases where the metric has mostly remained stable, there is an additional note of “stable” provided as well.

### METRICS As of October 29, 2021 3PM

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
<th>Trend</th>
<th>% Change vs Last Week</th>
<th>Month/Year Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (7-day avg.)</strong></td>
<td>1,103</td>
<td>↑</td>
<td>+3.6%</td>
<td>October 22, 2021</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>15</td>
<td>↓</td>
<td>-16.7%</td>
<td>October 2, 2021</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>0.8%</td>
<td></td>
<td>0.0%</td>
<td>July 13, 2021</td>
</tr>
</tbody>
</table>

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

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY

United States Updates
TOTAL COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons
As of October 28, 2021 • One-day lag

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

**California: 4.9M cases** (12,348.3 per 100K)
71.8K deaths (181.6 per 100K)

**Texas: 4.2M cases** (14,741.7 per 100K)
70.9K deaths (247.0 per 100K)

**Florida: 3.7M cases** (17,271.3 per 100K)
59.5K deaths (279.3 per 100K)

**New York: 2.5M cases** (13,037.8 per 100K)
56.4K deaths (288.5 per 100K)

**Illinois: 1.7M cases** (13,286.7 per 100K)
28.2K deaths (221.2 per 100K)

Georgia, Pennsylvania, Ohio, North Carolina, and Tennessee 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
#35 in Deaths per 100K

Source: Johns Hopkins University and NY Times
The top five states with the highest numbers of new cases are:

**California:** +7.9K cases  
80 additional deaths

**Texas:** +6.4K cases  
168 additional deaths

**Pennsylvania:** +4.3K cases  
95 additional deaths

**Ohio:** +4.2K cases  
0 additional deaths

**Colorado:** +3.8K cases  
32 additional deaths

New York, Washington, Arizona, Minnesota, and Illinois follow to comprise the 10 states reporting the highest numbers of new cases.
Top five counties reporting the highest numbers of per capita (per 100K) cases:

**Miami-Dade, Florida: 24,916 cases** per 100K (676,943 total cases)

**Pickens, South Carolina: 21,895 cases** per 100K (27,781 total cases)

**Kings, California: 21,894 cases** per 100K (33,485 total cases)

**Whitfield, Georgia: 21,596 cases** per 100K (22,596 total cases)

**Lubbock, Texas: 21,135 cases** per 100K (65,639 total cases)

**Los Angeles, California: 14,836 cases** per 100K (1,489,380 total cases)

Los Angeles County ranks #229 out of 584 counties with 100K+
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

**Navajo, Arizona: 564.4 deaths** per 100K (626 total deaths)

**Etowah, Alabama: 488.9 deaths** per 100K (500 total deaths)

**Bronx, New York: 476.7 deaths** per 100K (6,761 total deaths)

**Potter, Texas (Amarillo): 465.9 deaths** per 100K (547 total deaths)

**Mohave, Arizona: 463.8 deaths** per 100K (984 total deaths)

**Los Angeles, California: 265 deaths** per 100K (26,604 total deaths)

Los Angeles County ranks #128 out of 584 counties with 100K+
COVID-19 • LOS ANGELES
Key Indicators
Cases, Deaths, Testing, and Hospitalizations
LA County Case Updates

**KEY TAKEAWAYS**

- LA County accounts for **32.1%** of cases in CA with an average of **1,103** new cases reported from 10/23 to 10/29 (**1.4%** 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 7-DAY AVERAGE CASES**

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

**LOS ANGELES**

<table>
<thead>
<tr>
<th>Infection Rate</th>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ideal &lt; 1.0</td>
<td>1.00</td>
<td>1,333</td>
</tr>
<tr>
<td></td>
<td>1,490,698</td>
<td></td>
</tr>
</tbody>
</table>

**CALIFORNIA**

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,098</td>
<td>4.65M</td>
</tr>
</tbody>
</table>

**UNITED STATES**

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>77,701</td>
<td>45.8M</td>
</tr>
</tbody>
</table>

**GLOBAL**

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>457,945</td>
<td>245.5M</td>
</tr>
</tbody>
</table>

All metrics last updated at 1 PM, October 29, 2021 unless otherwise noted.

Prepared by Mayor’s Innovation Team.
LA County Mortality Updates

**Los Angeles**
- Mortality Rate: 1.8%
- New Deaths: 25
- Total Deaths: 26,626

**California**
- New Deaths: 111
- Total Deaths: 71,519

**United States**
- New Deaths: 1,776
- Total Deaths: 743.4K

**Global**
- New Deaths: 8,514
- Total Deaths: 5M

*All metrics last updated at 1 PM, October 29, 2021 unless otherwise noted*

- CA’s new counts today do not include LA County
- LA County accounts for 37.2% of deaths in CA with an average of 15 new deaths reported from 10/23 to 10/29 (7.1% increase)

**Key Takeaways**

- LA County accounts for 37.2% of deaths in CA with an average of 15 new deaths reported from 10/23 to 10/29 (7.1% 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

<table>
<thead>
<tr>
<th>TESTS COMPLETED</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1K City Tests</td>
<td>10 Total City Sites</td>
</tr>
</tbody>
</table>

Since last week | Since 3/20/20 | Available Today |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>City Tests</td>
<td>City Tests</td>
<td></td>
</tr>
</tbody>
</table>

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

![Graph of daily tests performed over time]

TESTING IN LA CITY

3.53%

7-Day Positivity Rate - Tests

KEY TAKEAWAYS

- At least 4,813,582 tests have been performed at City of Los Angeles since 3/20/20
- On average, 1,333 tests were performed each day from 10/19 to 10/25
- 497,467 of the 4,674,511 tests for which results were received were positive (10.8%)

Source: City of Los Angeles
## LA Testing Updates • Positivity Rate

### TESTS COMPLETED

- **4.1K** City Tests Since last week
- **4.81M** City Tests Since 3/20/20

### AVAILABILITY

- **10** Total City Sites Available Today

### POSITIVITY RATE

- **10.8%** Cumulative City - Tests
- **5.0%** Cumulative County - Tests
- **15.2%** Cumulative County - People
- **0.8%** County's 7-day Rate For Tests (1 week lag)
- **3.5%** 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)

Asymptomatic Testing Begins

City positive rate as of October 28/October 27, 2021
County metrics as of October 22, 2021

### KEY TAKEAWAYS

LA County has tested a total of at least **9,034,472** people and a total of **35,230,462** 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

HOSPITALIZATIONS

630  68,400

Current Hospitalizations  Total Hospitalizations

KEY INSIGHTS

Total hospitalizations decreased **1.3%** and ICU hospitalizations decreased **0.6%** from 10/27 to 10/28

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

Prepared by Mayor’s Innovation Team
COVID-19 Vaccinations Administered

PRECENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD

KEY TAKEAWAYS

A total of 1,406,449 vaccines have been administered at City sites, SNFs, DHP, and City Departments

DOSES ADMINISTERED

<table>
<thead>
<tr>
<th>LA CITY</th>
<th>LA COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,406,449</td>
<td>13,559,009</td>
</tr>
</tbody>
</table>

CUMULATIVE VACCINES AT CITY SITES

Vaccines Administered

- 707,190
- 1,406,449

All metrics as of October 28, 2021 unless otherwise noted.
# First-Dose Vaccines Administered by Demographics at City Sites

All metrics as of October 21, 2021

## Breakdown of First-Dose Vaccines Administered by Race

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>11.6%</td>
</tr>
<tr>
<td>Black</td>
<td>8.9%</td>
</tr>
<tr>
<td>Latino/Hispanic</td>
<td>38.5%</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>0.7%</td>
</tr>
<tr>
<td>Other</td>
<td>3.8%</td>
</tr>
<tr>
<td>Pacific Islander/Native Hawaiian</td>
<td>0.2%</td>
</tr>
<tr>
<td>White (Non-Hispanic)</td>
<td>52.1%</td>
</tr>
</tbody>
</table>

**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

## Demographic Breakdown Population in LA City

### Race/Ethnicity

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**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

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**Prepared by Mayor’s Innovation Team**
# First-Dose Vaccines Administered by Demographics at City Mobile Sites

All metrics as of October 21, 2021

## Demographic Breakdown

### Population in LA City

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

### Breakdown of Mobile First-Dose Vaccines Administered by Race

<table>
<thead>
<tr>
<th>Age</th>
<th>Race/Ethnicity</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>Asian</td>
<td>11.6%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>Black</td>
<td>8.9%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>Latino/Hispanic</td>
<td>38.5%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>American Indian/Alaskan Native</td>
<td>0.7%</td>
</tr>
<tr>
<td>65+</td>
<td>Other</td>
<td>3.8%</td>
</tr>
<tr>
<td></td>
<td>Pacific Islander/Native Hawaiian</td>
<td>0.2%</td>
</tr>
<tr>
<td></td>
<td>White (Non-Hispanic)</td>
<td>52.1%</td>
</tr>
</tbody>
</table>

### Breakdown of Mobile First-Dose Vaccines Administered by Gender

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percent of Mobile First-Dose Vaccines Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>50%</td>
</tr>
<tr>
<td>Female</td>
<td>49%</td>
</tr>
<tr>
<td>No Info</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

### Breakdown of Mobile First-Dose Vaccines Administered by Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of Mobile First-Dose Vaccines Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 29 yrs</td>
<td>36%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>27%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>15%</td>
</tr>
<tr>
<td>65+</td>
<td>62.7%</td>
</tr>
</tbody>
</table>

# Total Mobile Vaccines Administered

137,925

Prepared by Mayor’s Innovation Team
Since last week, we saw the test-positivity rate **increased** in the **0 to 17** and **50 to 64** age groups.

Current positive rates by age group:

- 4.2% for ages 0 to 17
- 2.4% for ages 18 to 29
- 3.1% for ages 30 to 49
- 4.6% for ages 50 to 64
- 2.9% for ages 65+

Source: Healthvana

Prepared by Mayor’s Innovation Team
Page 22
**Key Takeaways:**

- Last week’s overall positive rate for symptomatic and asymptomatic individuals is **3.2%** (a -6% change from last week).

- Individuals experiencing symptoms are testing positive at a rate of **5.1%** (a -10% change from last week).

- Individuals not experiencing symptoms are testing positive at a rate of **2.1%** (a -13% 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

June 23, 2020 to October 22, 2021
Key Takeaways:
Since last week, the overall positivity rate increased in AIAN and Multiracial groups, and decreased for all other groups.

Positive testing rates from 10/16 to 10/22:
- Overall Positive Rate: 3.2%
- Hispanic/Latino: 4.2%
- American Indian/Alaska Native: 8.33%
- Black: 2.4%
- Native Hawaiian/Pacific Islander: 3.2%
- White: 1.9%
- Asian: 2.5%
- Multiracial: 5.6%
- Other: 4.2%
Key Takeaways:
Positive testing rates from 6/23/20 to 10/22/21:

- Overall Positive Rate: 11.4%
- Hispanic/Latino: 17%
- American Indian/Alaska Native: 12.2%
- Black: 7.0%
- Native Hawaiian/Pacific Islander: 7.4%
- White: 4.7%
- Asian: 5.3%
- Multiracial: 5.1%
- Other: 12.1%

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

Prepared by Mayor’s Innovation Team
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COVID-19 • LOS ANGELES COUNTY

Demographic Comparisons
Cases by Demographics

PERCENT OF TOTAL CASES COMPARED TO POPULATION

**Age**
- 0 to 17 yrs: 15%
- 18 to 29 yrs: 24%
- 30 to 49 yrs: 33%
- 50 to 64 yrs: 19%
- 65+: 10%

**Race**
- Asian: 6%
- Black or African American: 6%
- Hispanic/Latino: 33%
- White: 24%
- Other: 10%

**Gender**
- Female: 52%
- Male: 48%

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**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

Prepared by Mayor’s Innovation Team
Deaths by Demographics

KEY TAKEAWAYS

• At least 90% of COVID-related deaths 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

Prepared by Mayor’s Innovation Team
**City + County + State Update**
As of October 29, 2021, Updated 1:00pm

**NEW CASES REPORTED**

<table>
<thead>
<tr>
<th>Week of 10/23 to 10/29</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>40,988</td>
<td>7,724</td>
<td>2,943</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>16.7%</td>
<td>3.6%</td>
<td>1.3%</td>
</tr>
</tbody>
</table>

**NEW DEATHS REPORTED**

<table>
<thead>
<tr>
<th>Week of 10/23 to 10/29</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>635</td>
<td>106</td>
<td>39</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-13.5%</td>
<td>-13.8%</td>
<td>8.3%</td>
</tr>
</tbody>
</table>

Prepared by Mayor’s Innovation Team

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.