DAILY LOS ANGELES
COVID-19 Data Summary

Friday, October 8, 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 Deaths**.

The following metrics have seen desirable movement over the past seven days: **New Cases, 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.*

<table>
<thead>
<tr>
<th>METRICS As of October 8, 2021 3PM</th>
<th>TODAY’S AVERAGES</th>
<th>CURRENT TREND VS LAST WEEK</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>1,169</td>
<td></td>
<td>-12.6%</td>
<td>July 15, 2021 (during prior ascent)</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>23</td>
<td></td>
<td>+4.5%</td>
<td>September 21, 2021 (during prior descent)</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>1.2%</td>
<td></td>
<td>+0.0%</td>
<td>April 21, 2021</td>
</tr>
</tbody>
</table>

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
LOS ANGELES COUNTY • COVID-19 Weekly Data Snapshot • As of Oct. 8, 2021 (Hospitalization/Test Rate as of 10/7/21)

LOS ANGELES COUNTY: WEEKLY NEW CASES

-42.5% change since last month

LOS ANGELES COUNTY: WEEKLY NEW DEATHS

-17.9% change since last month

LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE

-44% change since last month

LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS

-49.7% change since last month
The top five states with the highest numbers of total cases are:

**California**: 4.8M cases (12,044.8 per 100K)  
69.8K deaths (176.5 per 100K)

**Texas**: 4.1M cases (14,369.8 per 100K)  
66.9K deaths (233.2 per 100K)

**Florida**: 3.6M cases (16,996.3 per 100K)  
56.4K deaths (264.8 per 100K)

**New York**: 2.5M cases (12,593.1 per 100K)  
55.6K deaths (284.5 per 100K)

**Illinois**: 1.6M cases (12,929.5 per 100K)  
27.6K deaths (216.8 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  
#37 in Cases per 100K  
#1 in Cumulative Deaths  
#34 in Deaths per 100K

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

**Texas:** +8.0K cases
252 additional deaths

**California:** +7.2K cases
157 additional deaths

**Ohio:** +6.3K cases
0 additional deaths

**Pennsylvania:** +5.8K cases
92 additional deaths

**Georgia:** +5.8K cases
191 additional deaths

New York, North Carolina, Illinois, Wisconsin, and Washington follow to comprise the 10 states reporting the highest numbers of new cases.
### COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)

As of October 7, 2021 • One-day lag

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

**Miami-Dade, Florida:** 24,607 cases per 100K
(668,562 total cases)

**Pickens, South Carolina:** 21,194 cases per 100K
(26,892 total cases)

**Whitfield, Georgia:** 21,034 cases per 100K
(22,007 total cases)

**Kings, California:** 20,713 cases per 100K
(31,678 total cases)

**Lubbock, Texas:** 20,698 cases per 100K
(64,283 total cases)

**Los Angeles, California:** 14,617 cases per 100K
(1,467,450 total cases)

*Los Angeles County ranks #200 out of 584 counties with 100K+

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

Prepared by Mayor’s Innovation Team

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

**Navajo, Arizona:** 540.0 deaths per 100K (599 total deaths)

**Bronx, New York:** 474.7 deaths per 100K (6,732 total deaths)

**Etowah, Alabama:** 471.3 deaths per 100K (482 total deaths)

**Potter, Texas (Amarillo):** 459.9 deaths per 100K (540 total deaths)

**Queens, New York:** 454.2 deaths per 100K (10,236 total deaths)

**Los Angeles, California:** 261.5 deaths per 100K (26,254 total deaths)

*Los Angeles County ranks #109 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
LA County Case Updates

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.89</td>
<td>1,204</td>
<td>1,468,634</td>
<td></td>
</tr>
<tr>
<td>Infection Rate: Ideal &lt; 1.0</td>
<td>New Cases: 6,710</td>
<td>Total Cases: 4.54M</td>
<td>New Cases: 100,083</td>
</tr>
</tbody>
</table>

### LA COUNTY 7-DAY AVERAGE CASES
- New Cases (7-Day Rolling Average)
- Daily New Cases

- LA County accounts for 32.4% of cases in CA with an average of 1,169 new cases reported from 10/02 to 10/08 (-3.3% decrease)
## LA County Mortality Updates

<table>
<thead>
<tr>
<th></th>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality Rate</td>
<td>1.8%</td>
<td>156</td>
<td>2,392</td>
<td>8,478</td>
</tr>
<tr>
<td>New Deaths</td>
<td>30</td>
<td>69,507</td>
<td>710.2K</td>
<td>4.8M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>26,284</td>
<td></td>
<td>2,392</td>
<td></td>
</tr>
</tbody>
</table>

*All metrics last updated at 1 PM, October 8, 2021 unless otherwise noted*

### LA COUNTY 7-DAY AVERAGE DEATHS

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

### KEY TAKEAWAYS

- LA County accounts for **37.8%** of deaths in CA with an average of **23** new deaths reported from 10/02 to 10/08 (**4.5%** 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

TESTS COMPLETED
5.8K

City Tests
Since last week

4.78M

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

4.40%

7-Day Positivity Rate - Tests

KEY TAKEAWAYS

• At least 4,784,528 tests have been performed at City of Los Angeles since 3/20/20

• On average, 1,815 tests were performed each day from 9/28 to 10/4

• 496,317 of the 4,638,672 tests for which results were received were positive (10.9%)
LA Testing Updates • Positivity Rate

**Tests Completed**
- City Tests: 5.8K (Since last week)
- City Tests: 4.78M (Since 3/20/20)

**Availability**
- Total City Sites: 10 (Available Today)

**Positivity Rate**
- Cumulative City Tests: 10.9%
- Cumulative County Tests: 5.5%
- Cumulative County People: 15.5%
- County’s 7-day Rate For Tests (1 week lag): 1.2%
- City’s 7-day Rate For Tests (2 day lag): 4.4%

*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 8,751,974 people and a total of 31,985,941 specimens (tests)

**County Positivity Rate** (7-day lag)

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

Source: City of Los Angeles
Total hospitalizations decreased 3.5% and ICU hospitalizations remained stable from 10/6 to 10/7.

Source: New Hospitalizations data from County HavBed Bed Tracking, County Hospitalization data from CA Open Data Portal
COVID-19 Vaccinations Administered

PERCENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD

KEY TAKEAWAYS

A total of 1,403,128 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>1,403,128</td>
<td>12,947,164</td>
</tr>
</tbody>
</table>

Vaccines Administered

CUMULATIVE VACCINES AT CITY SITES

Vaccines Administered

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

All metrics as of October 7, 2021

AGE

<table>
<thead>
<tr>
<th>Percent</th>
<th>Age Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>2%</td>
<td>0 to 17 yrs</td>
</tr>
<tr>
<td>17%</td>
<td>18 to 29 yrs</td>
</tr>
<tr>
<td>32%</td>
<td>30 to 49 yrs</td>
</tr>
<tr>
<td>24%</td>
<td>50 to 64 yrs</td>
</tr>
<tr>
<td>25%</td>
<td>65+</td>
</tr>
</tbody>
</table>

GENDER

<table>
<thead>
<tr>
<th>Percent</th>
<th>Gender</th>
</tr>
</thead>
<tbody>
<tr>
<td>49%</td>
<td>Male</td>
</tr>
<tr>
<td>51%</td>
<td>Female</td>
</tr>
<tr>
<td>0.1%</td>
<td>No Info</td>
</tr>
</tbody>
</table>

AGE

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<tr>
<td>25%</td>
<td>65+</td>
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</tbody>
</table>

Race/Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percent of Population in LA City</th>
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</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

Prepared by Mayor’s Innovation Team

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## First-Dose Vaccines Administered by Demographics at City Mobile Sites

All metrics as of October 7, 2021

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

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<th>Percent of Population in LA City</th>
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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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### Demographic Breakdown Population in LA City

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</tr>
<tr>
<td>White (Non-Hispanic)</td>
<td>52.1%</td>
</tr>
</tbody>
</table>

**Source:**
Carbon Health for Vaccine Appointment Data
2019 ACS for LA County Demographics
COVID-19 DATA SUMMARY

Testing Details
Since last week, we saw the test-positivity rate increased in the 65+ age group.

Current positive rates by age group:

- 4.7% for ages 0 to 17
- 4.2% for ages 18 to 29
- 4.0% for ages 30 to 49
- 4.8% for ages 50 to 64
- 4.0% for ages 65+

Source: Healthvana

Prepared by Mayor’s Innovation Team
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Key Takeaways:

- Last week’s overall positive rate for symptomatic and asymptomatic individuals is **4.3%** (a -12% change from last week).

- Individuals experiencing symptoms are testing positive at a rate of **7.0%** (a -6% change from last week).

- Individuals not experiencing symptoms are testing positive at a rate of **2.7%** (a -22% 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.*
**Weekly City Positive Testing by Race**  
June 23, 2020 to October 1, 2021

**Key Takeaways:**
Since last week, the overall positivity rate increased in AIAN and NHOPI groups, and decreased for all other groups.

Positive testing rates from 9/25 to 10/1:

- **Overall Positive Rate:** 4.3%
- **Hispanic/Latino:** 5.0%
- **American Indian/Alaska Native:** 7.27%
- **Black:** 3.1%
- **Native Hawaiian/Pacific Islander:** 3.3%
- **White:** 4.1%
- **Asian:** 2.9%
- **Multiracial:** 1.7%
- **Other:** 4.1%

Source: Healthvana
Prepared by Mayor’s Innovation Team  
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Key Takeaways:
Positive testing rates from 6/23/20 to 10/1/21:

- Overall Positive Rate: 11.4%
- Hispanic/Latino: 17.0%
- 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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Cases by Demographics

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Cases Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>14%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>24%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>33%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
</tbody>
</table>

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**

**Key Takeaways**

- At least 90% of COVID-related deaths had comorbidities (underlying conditions)

**Most Impacted Groups**

- 65+
- Females
- 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
**WEEKLY TOTALS**

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

**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.

**NEW CASES REPORTED**

<table>
<thead>
<tr>
<th>Week of 10/02 to 10/08</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>39,556</td>
<td>8,180</td>
<td>2,989</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-17.7%</td>
<td>-12.7%</td>
<td>-15.5%</td>
</tr>
</tbody>
</table>

**NEW DEATHS REPORTED**

<table>
<thead>
<tr>
<th>Week of 10/02 to 10/08</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>711</td>
<td>161</td>
<td>40</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>0.3%</td>
<td>3.2%</td>
<td>-16.7%</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.
End of Report
October 8, 2021