INDEX

- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- Testing Details
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
COVID-19 DATA SUMMARY

Data Snapshot
### Key Takeaways:
The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases, New Deaths**

The following metrics have seen **desirable** movement over the past seven days: **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 November 4, 2021 3PM</th>
<th>TODAY’S AVERAGES</th>
<th>OVERALL TREND</th>
<th>% CHANGE VS LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (7-day avg.)</strong></td>
<td>1,268</td>
<td></td>
<td>+16.5%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>15</td>
<td></td>
<td>+7.1%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of one week ago)</td>
<td>0.8%</td>
<td></td>
<td>+0.0%</td>
</tr>
</tbody>
</table>

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
Page 4
The top five states with the highest numbers of total cases are:

**California: 4.9M cases** (12,490.8 per 100K)
- 72.3K deaths (182.7 per 100K)

**Texas: 4.3M cases** (14,811.8 per 100K)
- 71.5K deaths (249.2 per 100K)

**Florida: 3.7M cases** (17,328.3 per 100K)
- 59.7K deaths (280.1 per 100K)

**New York: 2.6M cases** (13,160.0 per 100K)
- 56.6K deaths (289.5 per 100K)

**Illinois: 1.7M cases** (13,388.0 per 100K)
- 28.3K deaths (222.4 per 100K)

Georgia, Pennsylvania, Ohio, North Carolina, and Michigan follow to comprise the 10 states reporting the highest numbers of total cases.
The top five states with the highest numbers of new cases are:

**Michigan**: +12.0K cases  
149 additional deaths

**California**: +4.5K cases  
93 additional deaths

**Ohio**: +4.5K cases  
0 additional deaths

**Pennsylvania**: +4.4K cases  
181 additional deaths

**Texas**: +4.0K cases  
157 additional deaths

New York, Arizona, Minnesota, Colorado, and Wisconsin 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:** 24,988 cases per 100K (678,911 total cases)

**Kings, California:** 22,194 cases per 100K (33,944 total cases)

**Pickens, South Carolina:** 22,016 cases per 100K (27,935 total cases)

**Whitfield, Georgia:** 21,670 cases per 100K (22,673 total cases)

**Lubbock, Texas:** 21,228 cases per 100K (65,929 total cases)

**Los Angeles, California:** 14,908 cases per 100K (1,496,593 total cases)

Los Angeles County ranks #234 out of 584 counties with 100K+
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

**Navajo, Arizona: 569.8 deaths** per 100K (632 total deaths)

**Etowah, Alabama: 493.8 deaths** per 100K (505 total deaths)

**Bronx, New York: 476.9 deaths** per 100K (6,764 total deaths)

**Potter, Texas (Amarillo): 470.1 deaths** per 100K (552 total deaths)

**Mohave, Arizona: 468.9 deaths** per 100K (995 total deaths)

**Los Angeles, California: 265.8 deaths** per 100K (26,683 total deaths)

*Los Angeles County ranks #132 out of 584 counties with 100K+*
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Key Indicators
Cases, Deaths, Testing, and Hospitalizations
LA County Case Updates

**LA COUNTY 7-DAY AVERAGE CASES**

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

*Included in today’s LA County new cases are 396 backlogged cases as a result of laboratory reporting issues.

**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.

**KEY TAKEAWAYS**

- LA County accounts for 32% of cases in CA with a 7-day average of 1,315 new cases reported (-0.6% decrease from yesterday)
**LA County Mortality Updates**

**LA County 7-Day Average Deaths**
- New Deaths (7-Day Rolling Average)
- Daily New Deaths

**Los Angeles**
- Mortality Rate: 1.8%
- New Deaths: 12
- Total Deaths: 26,695

**California**
- New Deaths: 113
- Total Deaths: 71,759

**United States**
- New Deaths: 1,906
- Total Deaths: 750.4K

**Global**
- New Deaths: 8,293
- Total Deaths: 5M

*CA’s new counts today do not include LA County; LA County accounts for 37.2% of deaths in CA with a 7-day average of 15 new deaths reported (~11.8% decrease from yesterday)*

**Key Takeaways**
- LA County accounts for 37.2% of deaths in CA with a 7-day average of 15 new deaths reported (~11.8% decrease from yesterday)

**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.
KEY TAKEAWAYS

• At least 4,825,065 tests have been performed at City of Los Angeles since 3/20/20

• On average, 1,144 tests were performed each day from 10/28 to 11/3

• 497,809 of the 4,682,226 tests for which results were received were positive (10.8%)

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

**TESTS COMPLETED**
- 8K City Tests
  - Since last week
- 4.83M City Tests
  - Since 3/20/20

**AVAILABILITY**
- 10 Total City Sites
  - Available Today

**POSITIVITY RATE**
- Cumulative City - Tests: 10.8%
- Cumulative County - Tests: 4.9%
- Cumulative County - People: 15.2%
- County's 7-day Rate For Tests (1 week lag): 0.8%
- City's 7-day Rate For Tests (2 day lag): 4.2%

*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)

LA County has tested a total of at least 9,109,069 people and a total of 36,023,240 specimens (tests).

**KEY TAKEAWAYS**

LA County has tested a total of at least 9,109,069 people and a total of 36,023,240 specimens (tests).

**COUNTY POSITIVITY RATE** (7-day lag)

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

Source: City of Los Angeles

City positive rate as of November 3/November 2, 2021
County metrics as of October 28, 2021
LA Hospitalization Updates

HOSPITALIZATIONS

<table>
<thead>
<tr>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>650</td>
<td>68.4K</td>
</tr>
</tbody>
</table>

Current      Total
Hospitalizations Hospitalizations

KEY INSIGHTS

Total hospitalizations decreased 1.8% and ICU hospitalizations increased 2% from 11/2 to 11/3

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

Vaccination Coverage (12+)

- Over 70%
- 60 to 70%
- 50 to 60%
- Under 50%

PERCENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD

KEY TAKEAWAYS

A total of 1,408,052 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>1,408,052</td>
<td>13,797,210</td>
</tr>
</tbody>
</table>

Vaccines Administered

CUMULATIVE VACCINES AT CITY SITES

12/20/2020 to 11/3/2021

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

All metrics as of November 3, 2021

AGE
2% 17% 32% 24% 25%
0 to 17 yrs 18 to 29 yrs 30 to 49 yrs 50 to 64 yrs 65+

GENDER
49% 51% 0.1%
Male Female No Info

DEMOGRAPHIC BREAKDOWN POPULATION IN LA CITY

<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

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

<table>
<thead>
<tr>
<th>AGE</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>5%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>18%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>36%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>27%</td>
</tr>
<tr>
<td>65+</td>
<td>15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENDER</th>
<th>Male</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>49%</td>
<td></td>
</tr>
<tr>
<td>No Info</td>
<td>0.5%</td>
<td></td>
</tr>
</tbody>
</table>

**Total Mobile Vaccines Administered:** 138,791

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

- **Asian:** 11.6%
- **Black:** 8.9%
- **Latino/Hispanic:** 38.5%
- **American Indian/Alaskan Native:** 0.7%
- **Other:** 3.8%
- **Pacific Islander/Native Hawaiian:** 0.2%
- **White (Non-Hispanic):** 52.1%

**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
COVID-19 DATA SUMMARY

Testing Details
Since last week, we saw the test-positivity rate increased in the 18 to 29, 30 to 49, and 65+ age groups.

Current positive rates by age group:

- 2.5% for ages 0 to 17
- 4.3% for ages 18 to 29
- 3.5% for ages 30 to 49
- 4.7% for ages 50 to 64
- 5.2% for ages 65+

Source: Healthvana

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Page 22
Key Takeaways:

- Last week’s overall positive rate for symptomatic and asymptomatic individuals is **3.7%** (a 15% change from last week).

- Individuals experiencing symptoms are testing positive at a rate of **8%** (a 57% change from last week).

- Individuals not experiencing symptoms are testing positive at a rate of **2.1%** (a 1% change from last week).

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

**Note:** A portion of test results reported from 9/23 to 10/23 and in late November are missing symptom-type information
Key Takeaways:
Since last week, the overall positivity rate increased in Asian, Black, NHOPI and White groups, and decreased for all other groups.

Positive testing rates from 10/23 to 10/29:
• Overall Positive Rate: 3.6%
• Hispanic/Latino: 3.9%
• American Indian/Alaska Native: 4.3%
• Black: 4.3%
• Native Hawaiian/Pacific Islander: 4.3%
• White: 3.5%
• Asian: 2.6%
• Multiracial: 2.8%
• Other: 3.4%
Key Takeaways:
Positive testing rates from 6/23/20 to 10/29/21:
- Overall Positive Rate: 11.4%
- Hispanic/Latino: 16.9%
- American Indian/Alaska Native: 12.2%
- Black: 6.9%
- 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

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Page 25
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Demographic Comparisons
Cases by Demographics

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Cases</th>
<th>Percent of Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>15%</td>
<td>2,096,996</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>24%</td>
<td>1,703,423</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>33%</td>
<td>2,725,430</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>18%</td>
<td>1,856,788</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
<td>1,268,875</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

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

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**PERCENT OF TOTAL DEATHS COMPARED TO POPULATION**

<table>
<thead>
<tr>
<th>Age</th>
<th>0 to 17 yrs</th>
<th>18 to 29 yrs</th>
<th>30 to 49 yrs</th>
<th>50 to 64 yrs</th>
<th>65+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>2,096,996</td>
<td>1,703,423</td>
<td>2,725,650</td>
<td>1,856,788</td>
<td>1,268,675</td>
</tr>
<tr>
<td>Deaths</td>
<td>0.0%</td>
<td>1%</td>
<td>7%</td>
<td>21%</td>
<td>71%</td>
</tr>
</tbody>
</table>

**Race**

- **Asian**: 23%
- **Black**: 9%
- **Hispanic/Latino**: 53%
- **Other**: 24%
- **American Indian or Alaska Native**: 1%
- **Native Hawaiian or Other Pacific Islander**: 2%

**Gender**

- **Male**: 59%
- **Female**: 41%

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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 November 4, 2021, Updated 1:00pm

NEW CASES REPORTED

Week of 10/29 to 11/04 | CA  | LA County | City of LA
---|---|---|---
Weekly Total | 32,686 | 7,870 | 2,746
% Change from last week | -20.3% | 20.1% | 12.7%

NEW DEATHS REPORTED

Week of 10/29 to 11/04 | CA  | LA County | City of LA
---|---|---|---
Weekly Total | 240 | 83 | 25
% Change from last week | -62.2% | -8.8% | -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.