DAILY LOS ANGELES

COVID-19 Data Summary

Friday, December 10, 2021
INDEX

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

Data Snapshot
### METRICS As of December 10, 2021 3PM

<table>
<thead>
<tr>
<th>Metric</th>
<th>Today's Averages</th>
<th>Current Trend vs Last Week</th>
<th>% Change vs Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td>1,630</td>
<td></td>
<td>+38.8%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>12</td>
<td></td>
<td>-33.3%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate</td>
<td>1.1%</td>
<td></td>
<td>-0.9%</td>
</tr>
</tbody>
</table>

**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**

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 Dec. 3, 2021 (Test Rate/Hospitalization as of 12/2/21)

LOS ANGELES COUNTY: WEEKLY NEW CASES

- 20.7% change since last month

LOS ANGELES COUNTY: WEEKLY NEW DEATHS

- -33.3% change since last month

LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE

- 27% change since last month

LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS

- 0% change since last month

Prepared by Mayor’s Innovation Team

Source: Los Angeles County Department of Public Health
LOS ANGELES COVID-19 TRENDS

Overlaying the waves of COVID-19 surges in LA County adds context to how our current trends compare to previous time frames.

- **Summer 2020**
  Start: 5/25/20
  End: 8/31/20

- **Winter 2020 - 2021**
  Start: 11/1/2020
  End: 2/7/2021

- **Summer 2021**
  Start: 7/4/2021
  End: 10/10/2021

- **Winter 2021 - 2022** *(Current)*
  Start: 11/1/2021

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

**California: 5.1M cases** (13,011.0 per 100K)
75.2K deaths (190.0 per 100K)

**Texas: 4.4M cases** (15,226.2 per 100K)
74.5K deaths (259.4 per 100K)

**Florida: 3.7M cases** (17,564.2 per 100K)
62.0K deaths (291.1 per 100K)

**New York: 2.8M cases** (14,421.0 per 100K)
58.0K deaths (296.8 per 100K)

**Illinois: 1.9M cases** (14,733.5 per 100K)
29.2K deaths (229.2 per 100K)

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

California ranks ...

#1 in Cumulative Cases
#41 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:

- **New York**: +11.7K cases
  58 additional deaths

- **Illinois**: +9.3K cases
  54 additional deaths

- **Ohio**: +8.5K cases
  0 additional deaths

- **Pennsylvania**: +6.9K cases
  73 additional deaths

- **Massachusetts**: +6.0K cases
  27 additional deaths

New Jersey, Indiana, Wisconsin, North Carolina, and California 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: 25,327 cases** per 100K (688,109 total cases)

**Kings, California: 23,324 cases** per 100K (35,671 total cases)

**Navajo, Arizona: 22,902 cases** per 100K (25,404 total cases)

**Pickens, South Carolina: 22,733 cases** per 100K (28,844 total cases)

**Whitfield, Georgia: 22,148 cases** per 100K (23,173 total cases)

**Los Angeles, California: 15,359 cases** per 100K (1,541,886 total cases)

*Los Angeles County ranks #295 out of 584 counties with 100K+*
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

Navajo, Arizona: 628.4 deaths per 100K (697 total deaths)

Etowah, Alabama: 510.4 deaths per 100K (522 total deaths)

Mohave, Arizona: 503.8 deaths per 100K (1,069 total deaths)

Potter, Texas (Amarillo): 493.1 deaths per 100K (579 total deaths)

San Juan, New Mexico: 490.5 deaths per 100K (608 total deaths)

Los Angeles, California: 271.8 deaths per 100K (27,288 total deaths)

Los Angeles County ranks #148 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
### Key Takeaways

- LA County accounts for **31.7%** of cases in CA with a 7-day average of **1,630** new cases reported (-0.1% decrease from yesterday)

### Cumulative Cases

- **Los Angeles**: 1,924 new cases, 1,543,784 total cases
- **California**: 6,252 new cases, 4.87M total cases
- **United States**: 117,619 new cases, 49.7M total cases
- **Global**: 723,925 new cases, 268.6M total cases

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**Los Angeles County Case Updates**

- Infection Rate: 1.13
- New Cases: 1,924
- Total Cases: 1,543,784

**Ideal Infection Rate**: < 1.0

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

<table>
<thead>
<tr>
<th>Date</th>
<th>New Cases (7-Day Rolling Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/2/2020</td>
<td>1,924</td>
</tr>
<tr>
<td>4/6/2020</td>
<td>459</td>
</tr>
<tr>
<td>5/5/2020</td>
<td>278</td>
</tr>
<tr>
<td>5/27/2020</td>
<td>190</td>
</tr>
<tr>
<td>6/29/2020</td>
<td></td>
</tr>
<tr>
<td>7/7/2020</td>
<td></td>
</tr>
<tr>
<td>8/27/2020</td>
<td>3,329</td>
</tr>
<tr>
<td>9/26/2020</td>
<td>1,462</td>
</tr>
<tr>
<td>10/27/2020</td>
<td>1,283</td>
</tr>
<tr>
<td>11/20/2020</td>
<td></td>
</tr>
<tr>
<td>12/10/2020</td>
<td>1,630</td>
</tr>
</tbody>
</table>

*Cases reported on 9/13/2021 included data from a backlog*
### 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>77</td>
<td>1,419</td>
<td>8,700</td>
</tr>
<tr>
<td>New Deaths</td>
<td>16</td>
<td>74,509</td>
<td>794.6K</td>
<td>5.3M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>27,304</td>
<td></td>
<td>1,419</td>
<td></td>
</tr>
</tbody>
</table>

New Deaths (7-Day Rolling Average)

- **CA's new counts today do not include LA County**
- LA County accounts for **36.6%** of deaths in CA with a 7-day average of **12** new deaths reported (7.7% decrease from yesterday)

**CUMULATIVE DEATHS**

- 3/11/2020: 8,664
- 12/10/2021: 27,304

**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.

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**KEY TAKEAWAYS**

- LA County accounts for **36.6%** of deaths in CA with a 7-day average of **12** new deaths reported (7.7% decrease from yesterday)
LA Testing Updates • Positivity Rate

Tests Completed
4.86M

City Tests Since 3/20/20
(City testing sites stopped operating after December 4, 2021)

Positivity Rate in City of LA
(1-day lag for cumulative/2-day lag for 7-day rate)

Tests Completed
4.86M

City's 7-Day Rate
For Tests (2-day lag)
4.3%

County's 7-Day Rate
For Tests (1 week lag)
1.1%

County - People
14.9%

County - Tests
4.5%

Cumulative
City - Tests
10.7%

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

Key Takeaways
LA County has tested a total of at least 9,565,329 people and a total of 41,114,283 specimens (tests)

County Positivity Rate (7-day lag)

Legend:

- 7-Day Positivity Rate
- Cumulative Positive Test Rate

Source: City of Los Angeles

Prepared by Mayor's Innovation Team
Number of Patients Hospitalized for COVID-19

684

Number of Patients in ICU for COVID-19

109.2K

**KEY INSIGHTS**

Total hospitalizations increased **2.5%** and ICU hospitalizations increased **4.4%** from 12/8 to 12/9

*Source*: Current hospitalizations data from LA County DPH, County Hospitalization data from CA Open Data Portal

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**CURRENT HOSPITALIZATIONS IN LA COUNTY**

All metrics as of December 9, 2021

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

KEY TAKEAWAYS

A total of 1,422,897 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>1,422,897</td>
<td>15,668,635</td>
</tr>
</tbody>
</table>

Vaccines Administered

CUMULATIVE VACCINES AT CITY SITES

Source: LA County DPH

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

These sites stopped operating after July 31, 2021

## Breakdown of First-Dose Vaccines Administered by Demographics at City Fixed Sites

<table>
<thead>
<tr>
<th>Age Group</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>Gender</td>
<td>Male</td>
<td>Female</td>
<td>No Info</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>49%</td>
<td>51%</td>
<td>0.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>51%</td>
<td>49%</td>
<td>0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Info</td>
<td>2%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

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

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

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

First-Dose Vaccines Administered by Demographics at City Mobile Sites

All metrics as of December 9, 2021

<table>
<thead>
<tr>
<th>AGE</th>
<th>0.2%</th>
<th>4%</th>
<th>18%</th>
<th>37%</th>
<th>26%</th>
<th>15%</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 to 11 yrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 to 17 yrs</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65+</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENDER</th>
<th>51%</th>
<th>49%</th>
<th>0.5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Info</td>
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</tr>
</tbody>
</table>

Total Mobile Vaccines Administered: 150,188
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: 18%
  - 65+: 10%

- **Race**
  - Asian: 6%
  - Black/African American: 6%
  - Hispanic/Latino American: 33%
  - White: 15%
  - Other: 10%

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

**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

0.0% 1% 7% 21% 71%
0 to 17 yrs 18 to 29 yrs 30 to 49 yrs 50 to 64 yrs 65+

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

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
COVID-19 DATA SUMMARY
Comparative Updates
City + County + State Update
As of December 10, 2021, Updated 1:00pm

NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 12/04 to 12/10</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>44,715</td>
<td>11,407</td>
<td>4,409</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>6.4%</td>
<td>38.8%</td>
<td>43.1%</td>
</tr>
</tbody>
</table>

NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 12/04 to 12/10</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>65</td>
<td>70</td>
<td>192</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-32.0%</td>
<td>-31.0%</td>
<td>-31.8%</td>
</tr>
</tbody>
</table>
End of Report
December 10, 2021