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- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- 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, New Deaths*

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

<table>
<thead>
<tr>
<th>METRICS As of December 17, 2021 3PM</th>
<th>TODAY’S AVERAGES</th>
<th>CURRENT TREND VS LAST WEEK</th>
<th>% CHANGE VS LAST WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (7-day avg.)</strong></td>
<td><strong>1,863</strong></td>
<td></td>
<td>+14.3%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>17</td>
<td></td>
<td>+41.7%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong></td>
<td>1.2%</td>
<td></td>
<td>+0.1%</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 Dec. 17, 2021 (Test Rate/Hospitalization as of 12/16/21)

LOS ANGELES COUNTY: WEEKLY NEW CASES
- 67.4% change since last month
- 22% change since last month

LOS ANGELES COUNTY: WEEKLY NEW DEATHS
- -15% change since last month

LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE
- 22% change since last month

LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS
- 0% change since last month

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

Overlying 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
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COVID-19 DATA SUMMARY

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

**California**: 5.2M cases (13,122.9 per 100K)
75.6K deaths (191.1 per 100K)

**Texas**: 4.4M cases (15,373.6 per 100K)
74.9K deaths (260.9 per 100K)

**Florida**: 3.8M cases (17,625.2 per 100K)
62.2K deaths (292.0 per 100K)

**New York**: 2.9M cases (14,837.0 per 100K)
58.4K deaths (298.9 per 100K)

**Illinois**: 1.9M cases (15,173.7 per 100K)
29.5K deaths (231.5 per 100K)

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

**California** ranks ...  
#1 in Cumulative Cases  
#42 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: +17.9K cases**
44 additional deaths

**Illinois: +11.9K cases**
52 additional deaths

**Ohio: +11.8K cases**
0 additional deaths

**California: +8.3K cases**
86 additional deaths

**Pennsylvania: +7.7K cases**
105 additional deaths

New Jersey, Massachusetts, Texas, Wisconsin, and Indiana follow to comprise the 10 states reporting the highest numbers of new cases.
As of December 16, 2021 • One-day lag

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

**Miami-Dade, Florida: 25,424 cases** per 100K (690,766 total cases)

**Kings, California: 23,495 cases** per 100K (35,933 total cases)

**Navajo, Arizona: 23,472 cases** per 100K (26,036 total cases)

**Pickens, South Carolina: 22,920 cases** per 100K (29,082 total cases)

**San Juan, New Mexico: 22,387 cases** per 100K (27,750 total cases)

**Los Angeles, California: 15,473 cases** per 100K (1,553,366 total cases)

Los Angeles County ranks #313 out of 584 counties with 100K+
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

**Navajo, Arizona: 648.2 deaths** per 100K (719 total deaths)

**Mohave, Arizona: 526.0 deaths** per 100K (1,116 total deaths)

**Etowah, Alabama: 514.3 deaths** per 100K (526 total deaths)

**Potter, Texas (Amarillo): 499.9 deaths** per 100K (587 total deaths)

**San Juan, New Mexico: 496.1 deaths** per 100K (615 total deaths)

**Los Angeles, California: 272.8 deaths** per 100K (27,388 total deaths)

*Los Angeles County ranks #152 out of 584 counties with 100K+*
Infection Rate: Ideal < 1.0

Los Angeles:
- Infection Rate: 1.10
- New Cases: 3,360
- Total Cases: 1,556,685

California:
- New Cases: 7,293
- Total Cases: 4.91M

United States:
- New Cases: 138,885
- Total Cases: 50.5M

Global:
- New Cases: 752,869
- Total Cases: 273M

Key Takeaways:
- LA County accounts for 31.7% of cases in CA with a 7-day average of 1,863 new cases reported (12.4% increase from yesterday)

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

**LA County 7-Day Average Deaths**

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

**CUMULATIVE DEATHS**

- **Global**: 7,293 (New Deaths), 5.3M (Total Deaths)
- **United States**: 1,142 (New Deaths), 803.7K (Total Deaths)
- **California**: 117 (New Deaths), 74,996 (Total Deaths)
- **Los Angeles**: 27 (New Deaths), 27,413 (Total Deaths)

**Mortality Rate**

- **Los Angeles**: 1.8%
- **California**: 27%
- **United States**: 117%
- **Global**: 1,142%

**KEY TAKEAWAYS**

- LA County accounts for 36.6% of deaths in CA with a 7-day average of 17 new deaths reported (6.3% increase from yesterday).

All metrics last updated at 1 PM, December 17, 2021 unless otherwise noted.

*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 Testing Updates • Positivity Rate

**Tests Completed**

4.86M

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

<table>
<thead>
<tr>
<th>TESTS COMPLETED</th>
<th>POSITIVITY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.86M</td>
<td>10.7%</td>
</tr>
</tbody>
</table>

**Legend:**

- City - Tests
- County - Tests
- County - People
- County's 7-day Rate
- City's 7-day Rate

### KEY TAKEAWAYS

LA County has tested a total of at least **9,720,714** people and a total of **42,207,530** specimens (tests).

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

- **3/11/2020**
  - City positive rate as of December 16/December 15, 2021
  - County metrics as of December 10, 2021

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

Asymptomatic Testing Begins
LA Hospitalization Updates

**HOSPITALIZATIONS**

<table>
<thead>
<tr>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>749</td>
<td>109.8K</td>
</tr>
</tbody>
</table>

**CURRENT HOSPITALIZATIONS IN LA COUNTY**

All metrics as of December 16, 2021

- Total hospitalizations decreased **3%** and ICU hospitalizations **remained the same** from 12/15 to 12/16

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

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

PERCENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD

Vaccination Coverage (12+)
- Over 70%
- 60 to 70%
- 50 to 60%
- Under 50%

KEY TAKEAWAYS

A total of 1,423,533 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>Vaccines Administered</td>
<td>1,423,533</td>
</tr>
<tr>
<td>Vaccines Administered</td>
<td>16,040,525</td>
</tr>
</tbody>
</table>

CUMULATIVE VACCINES AT CITY SITES

Source: LA County DPH
First-Dose Vaccines Administered by Demographics at City Fixed Sites

These sites stopped operating after July 31, 2021

<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>2%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>17%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>32%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>24%</td>
</tr>
<tr>
<td>65+</td>
<td>25%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENDER</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>49%</td>
</tr>
<tr>
<td>Female</td>
<td>51%</td>
</tr>
<tr>
<td>No Info</td>
<td>0.1%</td>
</tr>
</tbody>
</table>

**BREAKDOWN OF FIRST-DOSE VACCINES ADMINISTERED BY RACE**

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

All metrics as of December 16, 2021

BREAKDOWN OF MOBILE FIRST-DOSE VACCINES ADMINISTERED BY RACE

AGE

<table>
<thead>
<tr>
<th>5 to 11 yrs</th>
<th>12 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>0.2%</td>
<td>4%</td>
<td>18%</td>
<td>37%</td>
<td>26%</td>
<td>15%</td>
</tr>
</tbody>
</table>

GENDER

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
<th>No Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>51%</td>
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<td>0.5%</td>
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DEMOGRAPHIC BREAKDOWN POPULATION IN LA CITY

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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 and MyTurn for Vaccine Appointment Data; 2019 ACS for LA County Demographics

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES COUNTY
Demographic Comparisons
Cases by Demographics

15%  24%  33%  18%  10%
0 to 17 yrs  18 to 29 yrs  30 to 49 yrs  50 to 64 yrs  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

**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
Week of 12/11 to 12/17

**NEW CASES REPORTED**

- **CA**: 41,584
- **LA County**: 13,040
- **City of LA**: 5,751

% Change from last week:
- CA: -7.0%
- LA County: 14.3%
- City of LA: 30.4%

**NEW DEATHS REPORTED**

- **CA**: 487
- **LA County**: 120
- **City of LA**: 48

% Change from last week:
- CA: 5.2%
- LA County: 37.9%
- City of LA: 60.0%