DAILY LOS ANGELES

COVID-19 Data Summary

Friday, January 7, 2022

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- Data Snapshot
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### LOS ANGELES COUNTY KEY METRICS

**Key Takeaways:**

The following metrics have seen undesirable movement over the past seven days for which data are available: New Cases, New Deaths, 7-Day COVID Positive Test Rate, Hospitalizations, ICU rates.

The following metrics have seen desirable movement over the past seven days: N/A.

### METRICS As of January 7, 2022 3PM

<table>
<thead>
<tr>
<th>METRIC</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>31,749</td>
<td></td>
<td>+87.6%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>20</td>
<td></td>
<td>+11.1%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong></td>
<td></td>
<td></td>
<td>+4.9%</td>
</tr>
<tr>
<td>(as of three days ago)</td>
<td>22.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hospitalizations (7-day avg.)</strong></td>
<td>2,240</td>
<td></td>
<td>+98.8%</td>
</tr>
<tr>
<td><strong>ICU (7-day avg.)</strong></td>
<td>309</td>
<td></td>
<td>+52.2%</td>
</tr>
</tbody>
</table>

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**Note:** Trend progression or regression is marked when the difference in percent change is more than 0.1%.

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

Prepared by Mayor’s Innovation Team
1845.4% change since last month

53.8% change since last month

1875% change since last month

335.1% change since last month

Note: The chart, at right, reflects averages of the average positivity rates.
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. (For this visualization, a wave is defined as 98 days.)

- **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

WAVES OF COVID-19 NEW CASES IN LOS ANGELES COUNTY

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team

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Top five states with the highest numbers of **total cases**:

- **California**: 5.9M cases (14,901.9 per 100K)
  - 76.8K deaths (194.1 per 100K)
- **Texas**: 4.9M cases (17,062.9 per 100K)
  - 76.3K deaths (265.7 per 100K)
- **Florida**: 4.5M cases (21,063.0 per 100K)
  - 62.6K deaths (294.0 per 100K)
- **New York**: 3.9M cases (19,909.0 per 100K)
  - 60.2K deaths (307.9 per 100K)
- **Illinois**: 2.3M cases (18,362.1 per 100K)
  - 30.7K deaths (240.9 per 100K)

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

**California Cumulative Ranking:**

- #1 in Cumulative Cases
- #1 in Cumulative Deaths

**California’s Per Capita Ranking:**

- #44 in Cases per 100K
- #37 in Deaths per 100K

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

**Florida**: +126.1K cases  
81 additional deaths

**California**: +86.6K cases  
32 additional deaths

**New York**: +78.3K cases  
143 additional deaths

**Texas**: +45.4K cases  
128 additional deaths

**Illinois**: +44.1K cases  
104 additional deaths

New Jersey, Pennsylvania, Massachusetts, North Carolina and Ohio 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: 31,457 cases** per 100K (854,670 total cases)

**Richmond, New York: 27,998 cases** per 100K (133,313 total cases)

**Navajo, Arizona: 25,078 cases** per 100K (27,817 total cases)

**Craighead, Arkansas: 24,858 cases** per 100K (27,426 total cases)

**Pickens, South Carolina: 24,739 cases** per 100K (31,390 total cases)

**Los Angeles, California: 18,367 cases** per 100K (1,843,922 total cases)

Los Angeles County ranks #258 out of 584 counties with 100K+

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

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

**Navajo, Arizona: 685.2 deaths** per 100K
(760 total deaths)

**Mohave, Arizona: 566.0 deaths** per 100K
(1,201 total deaths)

**San Juan, New Mexico: 533.2 deaths** per 100K
(661 total deaths)

**Potter, Texas (Amarillo): 525.5 deaths** per 100K
(617 total deaths)

**Etowah, Alabama: 516.3 deaths** per 100K
(528 total deaths)

**Los Angeles, California: 276.2 deaths** per 100K
(27,728 total deaths)

Los Angeles County ranks #179 out of 584 counties with 100K+

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

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Note: The gray lines on the visualization represent all other U.S. counties not listed above.
COVID-19 • LOS ANGELES

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

#### LOS ANGELES

- Infection Rate: 1.55
- New Cases: 43,712
- Total Cases: 1,887,526

#### CALIFORNIA

- New Cases: 103,606
- Total Cases: 5.63M

#### UNITED STATES

- New Cases: 786,824
- Total Cases: 58.5M

#### GLOBAL

- New Cases: 2,519,837
- Total Cases: 300.3M

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### LA COUNTY 7-DAY AVERAGE CASES

- New Cases (7-Day Rolling Average)
- Daily New Cases (Note: Cases reported on 9/13/2021 included data from a backlog)

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### KEY TAKEAWAYS

- LA County accounts for **33.5%** of cases in CA with a 7-day average of **31,749** new cases reported (**9.6%** increase from yesterday)

### CUMULATIVE CASES

- **1,887,526** cases as of 1/7/2022

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*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 **36.4%** of deaths in CA with a 7-day average of **20** new deaths reported (**11.1%** increase 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.
LA Testing Updates • Positivity Rate

CITY TESTS COMPLETED
4,86M
City Tests Since 3/20/20
(City testing sites stopped operating after December 4, 2021)

POSITIVITY RATE

<table>
<thead>
<tr>
<th></th>
<th>County’s 7-day Rate For Tests (2 day lag)</th>
<th>City’s 7-day Rate For Tests (2 day lag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>City - Tests</td>
<td>10.9%</td>
<td>34.3%</td>
</tr>
<tr>
<td>Cumulative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>County - Tests</td>
<td>5.0%</td>
<td></td>
</tr>
<tr>
<td>Cumulative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>County - People</td>
<td>16.9%</td>
<td></td>
</tr>
<tr>
<td>Cumulative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumulative</td>
<td>22.6%</td>
<td></td>
</tr>
<tr>
<td>Positivity Rate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

LA County has tested a total of at least 10,235,349 people and a total of 44,654,502 specimens (tests)

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

Asymptomatic Testing Begins

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

Source: City of Los Angeles

Prepared by Mayor’s Innovation Team
La Hospitalization Updates

HOSPITALIZATIONS

<table>
<thead>
<tr>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,902</td>
<td>111.8K</td>
</tr>
</tbody>
</table>

Current

KEY INSIGHTS

Total hospitalizations increased 9.1% and ICU hospitalizations increased 11.1% from 1/5 to 1/6

Source: Current hospitalizations data from LA County DPH. County Hospitalization data from CA Open Data Portal
COVID-19 Vaccinations Administered

PERCENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD

Vaccination Coverage (12+)

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

Source: LA County DPH

KEY TAKEAWAYS

A total of 1,428,816 vaccines have been administered at City sites, SNFs, DHP, and City Departments

DOSES ADMINISTERED

<table>
<thead>
<tr>
<th></th>
<th>LA CITY</th>
<th>LA COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaccines Administered</td>
<td>1,428,816</td>
<td>16,990,418</td>
</tr>
</tbody>
</table>

CUMULATIVE VACCINES AT CITY SITES

12/20/2020

1,428,816

707,190

12/18/2021

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

<table>
<thead>
<tr>
<th>AGE</th>
<th>Percentage</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>Percentage</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

<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

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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
Demographic Comparisons
# Cases by Demographics

**PERCENT OF TOTAL CASES COMPARED TO POPULATION**

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>15%</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>18%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
</tbody>
</table>

- Population:
  - 2,096,996 population (0 to 17 yrs)
  - 1,703,423 population (18 to 29 yrs)
  - 2,725,450 population (30 to 49 yrs)
  - 1,856,788 population (50 to 64 yrs)
  - 1,268,675 population (65+ yrs)

**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 County Department of Public Health

*All metrics last updated at 1 PM, January 7, 2022 unless otherwise noted*
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 County Department of Public Health

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

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

All metrics last updated at 1 PM, January 7, 2022 unless otherwise noted
End of Report
January 7, 2022