DAILY LOS ANGELES
COVID-19 Data Summary

Friday, January 21, 2022
INDEX

- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
### METRICS As of January 21, 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>36,591</td>
<td></td>
<td>-10.0%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>58</td>
<td></td>
<td>+114.8%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of three days ago)</td>
<td>16.6%</td>
<td></td>
<td>-3.4%</td>
</tr>
<tr>
<td><strong>Hospitalizations (7-day avg.)</strong></td>
<td>4,652</td>
<td></td>
<td>+24.6%</td>
</tr>
<tr>
<td><strong>ICU (7-day avg.)</strong></td>
<td>670</td>
<td></td>
<td>+31.6%</td>
</tr>
</tbody>
</table>

### Key Takeaways:

The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Deaths, Hospitalizations, ICU rates**

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

Note: Trend progression or regression is marked when the difference in percent change is more than 0.1%
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
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Total COVID-19 U.S. Cases and Deaths - Per Capita State Comparisons
As of January 20, 2022 • One-day lag

Top five states with the highest numbers of total cases:

California: 7.5M cases (18,931.8 per 100K)
78.3K deaths (198.0 per 100K)

Texas: 5.7M cases (19,946.8 per 100K)
77.7K deaths (270.7 per 100K)

Florida: 5.2M cases (24,612.9 per 100K)
62.5K deaths (293.5 per 100K)

New York: 4.6M cases (23,662.9 per 100K)
62.9K deaths (321.7 per 100K)

Illinois: 2.7M cases (21,448.1 per 100K)
32.1K deaths (252.3 per 100K)

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

California Cumulative Ranking:
#1 in Cumulative Cases
#1 in Cumulative Deaths

Source: Johns Hopkins University and NY Times
NEW COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons
As of January 20, 2022 • One-day lag

Top five states with the highest numbers of new cases:

California: +69.0K cases
206 additional deaths

Texas: +45.8K cases
183 additional deaths

Florida: +45.7K cases
0 additional deaths

New York: +30.1K cases
201 additional deaths

North Carolina: +29.6K cases
71 additional deaths

Illinois, Georgia, Ohio, Wisconsin and Arizona follow to comprise the 10 states reporting the highest numbers of new cases.

Source: Johns Hopkins University and NY Times
Top five counties reporting the highest numbers of per capita (per 100K) cases:

Miami-Dade, Florida: 38,957 cases per 100K (1,058,432 total cases)
Richmond, New York: 32,902 cases per 100K (156,662 total cases)
Tom Green, Texas: 31,200 cases per 100K (37,191 total cases)
Pickens, South Carolina: 30,210 cases per 100K (38,332 total cases)
Providence, Rhode Island: 30,083 cases per 100K (192,208 total cases)

Los Angeles, California: 23,764 cases per 100K (2,385,721 total cases)

Los Angeles County ranks #117 out of 584 counties with 100K+ COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)
As of January 20, 2022 • One-day lag

Source: Los Angeles County Department of Public Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
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Note: The gray lines on the visualization represent all other U.S. counties not listed above.
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

Navajo, Arizona: 705.9 deaths per 100K (783 total deaths)

Mohave, Arizona: 586.8 deaths per 100K (1,245 total deaths)

Citrus, Florida: 561.3 deaths per 100K (840 total deaths)

San Juan, New Mexico: 543.7 deaths per 100K (674 total deaths)

Highlands, Florida: 536.6 deaths per 100K (570 total deaths)

Los Angeles, California: 281.7 deaths per 100K (28,282 total deaths)

Los Angeles County ranks #209 out of 584 counties with 100K+
COVID-19 • LOS ANGELES

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
  (Note: Cases reported on 9/13/2021 included data from a backlog)

New Cases (7-Day Rolling Average) vs. Date

CUMULATIVE CASES

All metrics last updated at 1 PM, January 21, 2022
unless otherwise noted

Infection Rate
Ideal < 1.0

Los Angeles

New Cases
Total Cases
Infection Rate

Ideal < 1.0

1.10
43,091
2,428,744

California

New Cases
Total Cases

125,861
7.12M

United States

New Cases
Total Cases

644,814
69.3M

Global

New Cases
Total Cases

3,521,907
342.5M

Key Takeaways

- LA County accounts for 34.1% of cases in CA with a 7-day average of 36,591 new cases reported (1% increase from yesterday)

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.

Los Angeles County Department of Public Health
LA County Mortality Updates

Los Angeles: 1.2% Mortality Rate, New Deaths: 65, Total Deaths: 28,346

California: New Deaths: 201, Total Deaths: 77,722

United States: New Deaths: 2,479, Total Deaths: 860,200

Global: New Deaths: 9,003, Total Deaths: 56,000

Mortality Rate: 1.2%

Key Takeaways:

- LA County accounts for 36.5% of deaths in CA with a 7-day average of 58 new deaths reported (3.6% increase from yesterday)

Cumulative Deaths:

- New Deaths (7-Day Rolling Average)
- Daily New 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.
## City Tests Completed

<table>
<thead>
<tr>
<th></th>
<th>Cumulative City - Tests</th>
<th>Cumulative County - Tests</th>
<th>Cumulative County - People</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Tests Since 3/20/20</td>
<td>4.86M*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*City testing sites stopped operating after 12/4/21. This figure is inclusive of the public test registration. It does not include registration of critical City employees, first responders, and health care providers.

## Positivity Rate

- **LA Testing Updates • Positivity Rate**
- **Counties**
  - **LA County** has tested a total of at least 10,804,730 people and a total of 48,115,448 specimens (tests).

## Key Takeaways

- LA County has tested a total of at least **10,804,730** people and a total of **48,115,448** specimens (tests).
**LA Hospitalization Updates**

**HOSPITALIZATIONS**

4,792  118.5K

Current Hospitalizations  Total Hospitalizations

**CURRENT HOSPITALIZATIONS IN LA COUNTY**

- Total hospitalizations decreased **0.5%** and ICU hospitalizations increased **2.4%** from 1/19 to 1/20

**KEY INSIGHTS**

- Total hospitalizations decreased **0.5%** and ICU hospitalizations increased **2.4%** from 1/19 to 1/20

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**

A total of **1,429,535** 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>1,429,535</td>
<td>17,610,302</td>
</tr>
</tbody>
</table>

**CUMULATIVE VACCINES AT CITY SITES**

- **1,300,122** vaccines administered as of **05/18/2021**
- **1,429,535** vaccines administered as of **1/20/2022**

**Source:** LA County DPH

Prepared by Mayor’s Innovation Team

All metrics as of January 20, 2022

Note: City of Los Angeles public vaccine operations concluded on December 18, 2021. Vaccinations are still being administered to City sworn and civilian personnel.
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>2%</th>
<th>17%</th>
<th>32%</th>
<th>24%</th>
<th>25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 29 yrs</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>30 to 49 yrs</td>
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</tr>
<tr>
<td>50 to 64 yrs</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>65+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENDER</th>
<th>49%</th>
<th>51%</th>
<th>0.1%</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>
<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
First-Dose Vaccines Administered by Demographics at City Mobile Sites

These sites stopped operating after Dec 18, 2021

<table>
<thead>
<tr>
<th>DEMOGRAPHIC BREAKDOWN POPULATION IN LA CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Race/Ethnicity</strong></td>
</tr>
<tr>
<td>Asian</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Latino/Hispanic</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Pacific Islander/Native Hawaiian</td>
</tr>
<tr>
<td>White (Non-Hispanic)</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 and MyTurn for Vaccine Appointment Data; 2019 ACS for LA County Demographics*
## LA County Cases by Demographics

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percent of Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>17%</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>8%</td>
</tr>
</tbody>
</table>

### PERCENT OF TOTAL CASES COMPARED TO POPULATION

#### Age

- 0 to 17 yrs: 2,096,996 population (17%)
- 18 to 29 yrs: 1,703,423 population (24%)
- 30 to 49 yrs: 2,725,450 population (33%)
- 50 to 64 yrs: 1,856,788 population (18%)
- 65+: 1,268,675 population (8%)

#### Race

- Asian: 1,492,156 population (6%)
- White: 4,268,709 population (16%)
- Other: 373,415 population (12%)

#### Gender

- Female: 4,990,980 population (52%)
- Male: 4,761,912 population (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 County Department of Public Health

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All metrics last updated at 1 PM, January 21, 2022 unless otherwise noted.
**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

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**LA County Deaths by Demographics**

**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>2,721,650</td>
<td>1,856,788</td>
<td>1,268,675</td>
</tr>
<tr>
<td>Percent of Total Deaths</td>
<td>0%</td>
<td>1%</td>
<td>7%</td>
<td>21%</td>
<td>71%</td>
</tr>
</tbody>
</table>

**Race**

- Asian: 1,492,554 population, 16% of total deaths
- Black: 811,476 population, 8% of total deaths
- Hispanic/Latino: 4,808,364 population, 53% of total deaths
- White: 2,619,709 population, 23% of total deaths
- Other: 373,415 population, 1% of total deaths

**Gender**

- Male: 4,760,352 population, 59% of total deaths
- Female: 4,890,980 population, 41% of total deaths

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All metrics last updated at 1 PM, January 21, 2022 unless otherwise noted.
COVID-19 DATA SUMMARY

Comparative Updates
WEEKLY TOTALS

City + County + State Update
As of January 21, 2022, Updated 1:00pm

NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 1/15 to 1/21</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>707,400</td>
<td>256,136</td>
<td>100,163</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-9.5%</td>
<td>-10.0%</td>
<td>-21.6%</td>
</tr>
</tbody>
</table>

NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 1/15 to 1/21</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>782</td>
<td>409</td>
<td>150</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>30.6%</td>
<td>116.4%</td>
<td>105.5%</td>
</tr>
</tbody>
</table>

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.
End of Report
January 21, 2022