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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: N/A

The following metrics have seen **desired** movement over the past seven days: **New Cases, New Deaths, 7-Day COVID Positive Test Rate, Hospitalizations, ICU rates**

<table>
<thead>
<tr>
<th>METRICS As of February 4, 2022 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>14,383</td>
<td></td>
<td>-44.3%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>68</td>
<td></td>
<td>+0.0%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong></td>
<td>7.8%</td>
<td></td>
<td>-3.8%</td>
</tr>
<tr>
<td>(as of two days ago)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hospitalizations (7-day avg.)</strong></td>
<td>3,632</td>
<td></td>
<td>-19.1%</td>
</tr>
<tr>
<td><strong>ICU (7-day avg.)</strong></td>
<td>713</td>
<td></td>
<td>-7.8%</td>
</tr>
</tbody>
</table>

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
LOS ANGELES COUNTY • COVID-19 Weekly Data Snapshot • As of Feb. 04, 2022 (Test Rate/Hospitalization as of 2/3/22)

LOS ANGELES COUNTY: WEEKLY NEW CASES

-50.4% change since last month

LOS ANGELES COUNTY: WEEKLY NEW DEATHS

277.8% change since last month

LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE

-60% change since last month

LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS

31.4% change since last month

Note: The chart at right reflects averages of the average positivity rates.

Source: Los Angeles County Department of Public Health

Prepared by Mayor’s Innovation Team
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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Top five states with the highest numbers of total cases:

- **California**: 8.6M cases (21,660.0 per 100K)  
  80.7K deaths (204.0 per 100K)

- **Texas**: 6.4M cases (22,156.1 per 100K)  
  80.3K deaths (279.7 per 100K)

- **Florida**: 5.6M cases (26,164.0 per 100K)  
  65.3K deaths (306.5 per 100K)

- **New York**: 4.8M cases (24,722.9 per 100K)  
  65.4K deaths (334.8 per 100K)

- **Illinois**: 2.9M cases (23,067.9 per 100K)  
  33.6K deaths (263.4 per 100K)

Pennsylvania, Ohio, North Carolina, Georgia 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

**California’s Per Capita Ranking:**
- #40 in Cases per 100K
- #38 in Deaths per 100K

Source: Johns Hopkins University and NY Times
NEW COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons
As of February 3, 2022 • One-day lag

Top five states with the highest numbers of new cases:

- **California**: +80.3K cases
  181 additional deaths
- **Texas**: +30.2K cases
  299 additional deaths
- **North Carolina**: +15.0K cases
  123 additional deaths
- **New York**: +9.8K cases
  164 additional deaths
- **Kentucky**: +9.0K cases
  30 additional deaths

Georgia, Arizona, Pennsylvania, Virginia and Indiana 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:** 41,532 cases per 100K (1,128,410 total cases)

**Pickens, South Carolina:** 34,660 cases per 100K (43,978 total cases)

**Richmond, New York:** 33,999 cases per 100K (161,884 total cases)

**Imperial, California:** 33,856 cases per 100K (61,353 total cases)

**Tom Green, Texas:** 33,736 cases per 100K (40,213 total cases)

**Los Angeles, California:** 26,846 cases per 100K (2,695,076 total cases)

Los Angeles County ranks #82 out of 584 counties with 100K+ COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)

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**: 734.7 deaths per 100K (815 total deaths)
- **Mohave, Arizona**: 608.0 deaths per 100K (1,290 total deaths)
- **Citrus, Florida**: 570.0 deaths per 100K (853 total deaths)
- **San Juan, New Mexico**: 561.5 deaths per 100K (696 total deaths)
- **Potter, Texas (Amarillo)**: 551.0 deaths per 100K (647 total deaths)

Los Angeles, California: 290.8 deaths per 100K (29,195 total deaths)

Los Angeles County ranks #213 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)

**CUMULATIVE CASES**

- **Los Angeles**: 15,427 new cases reported (7.7% decrease from yesterday)
- **California**: 37,012 new cases reported
- **United States**: 282,262 new cases reported
- **Global**: 3,169,772 new cases reported

**Infection Rate**

- Ideal < 1.0

**All metrics last updated at 1 PM, February 4, 2022 unless otherwise noted**

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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.*
**LA County Mortality Updates**

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1%</td>
<td>85</td>
<td>220</td>
<td>2,241</td>
</tr>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>29,280</td>
<td>80,022</td>
<td>896.6K</td>
<td>5.7M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td></td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

All metrics last updated at 1 PM, February 4, 2022 unless otherwise noted.

- LA County accounts for 36.6% of deaths in CA with a 7-day average of 68 new deaths reported (2.9% 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.
LA Testing Updates • Positivity Rate

### CITY TESTS COMPLETED
4.93M
City Tests Since 3/20/20
Note: Public City testing stopped after 12/4/21.
This figure includes the public test registration and tests administered to City personnel.

### POSITIVITY RATE

<table>
<thead>
<tr>
<th></th>
<th>Cumulative City - Tests</th>
<th>Cumulative County - Tests</th>
<th>Cumulative County - People</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>LA County</td>
<td>11.2%</td>
<td>6.3%</td>
<td>21.9%</td>
<td>7.8%</td>
<td>22.7%</td>
</tr>
</tbody>
</table>

**LA County has tested a total of at least** 11,148,943 **people and a total of** 51,152,294 **specimens (tests)**

**Asymptomatic Testing Begins**

**3/11/2020**

Prepared by Mayor’s Innovation Team

**City positive rate as of February 2, 2022**

**County metrics as of February 2, 2022**

**KEY TAKEAWAYS**

LA County has tested a total of at least **11,148,943** people and a total of **51,152,294** specimens (tests)

**COUNTY POSITIVITY RATE (2-day lag)**

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

**Source:** City of Los Angeles
Number of Patients Hospitalized for COVID-19

Number of Patients in ICU for COVID-19

**KEY INSIGHTS**

Total hospitalizations decreased **4.9%** and ICU hospitalizations decreased **2.7%** from 2/2 to 2/3

**Source:** Current hospitalizations data from LA County DPH, County Hospitalization data from CA Open Data Portal
COVID-19 • LOS ANGELES
COVID Vaccinations
COVID-19 Vaccinations Administered

**PERCENT OF ELIGIBLE POPULATION VACCINATED BY NEIGHBORHOOD**

![Map showing vaccination coverage by neighborhood.](Image)

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

**Source:** LA County DPH

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**KEY TAKEAWAYS**

A total of **1,429,862** 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>1,429,862 Vaccines</td>
<td>18,019,770 Vaccines</td>
</tr>
</tbody>
</table>

**CUMULATIVE VACCINES AT CITY SITES**

- 1,429,862 through 05/18/2021
- 1,300,122 through 2/3/2022

Note: City of Los Angeles public vaccine operations concluded on December 18, 2021. Vaccinations are still being administered to City sworn and civilian personnel.

Prepared by Mayor’s Innovation Team
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 for Vaccine Appointment Data; 2019 ACS for LA County Demographics

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>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>Percent</td>
<td>2%</td>
<td>17%</td>
<td>32%</td>
<td>24%</td>
<td>25%</td>
</tr>
</tbody>
</table>

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

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

**DEMOGRAPHIC BREAKDOWN POPULATION IN LA CITY**

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percent of Population in LA City</th>
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</thead>
<tbody>
<tr>
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<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 and MyTurn for Vaccine Appointment Data; 2019 ACS for LA County Demographics*
COVID-19 • LOS ANGELES COUNTY
Demographic Comparisons
LA County Cases by Demographics

20% 23% 32% 17% 8%
0 to 17 yrs 18 to 29 yrs 30 to 49 yrs 50 to 64 yrs 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Population</th>
<th>% of Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17</td>
<td>2,096,996</td>
<td>20%</td>
</tr>
<tr>
<td>18 to 29</td>
<td>1,703,423</td>
<td>23%</td>
</tr>
<tr>
<td>30 to 49</td>
<td>2,723,630</td>
<td>32%</td>
</tr>
<tr>
<td>50 to 64</td>
<td>1,856,788</td>
<td>32%</td>
</tr>
<tr>
<td>65+</td>
<td>1,268,675</td>
<td>17%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Population</th>
<th>% of Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>1,492,154</td>
<td>7%</td>
</tr>
<tr>
<td>White</td>
<td>4,890,980</td>
<td>52%</td>
</tr>
<tr>
<td>Other</td>
<td>373,415</td>
<td>7%</td>
</tr>
<tr>
<td>Native Hawaiian or Other Pacific Islander</td>
<td>68,376</td>
<td>0%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>76,089</td>
<td>7%</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 County Department of Public Health

All metrics last updated at 1 PM, February 4, 2022 unless otherwise noted.
### LA County 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% to 17 yrs**: 1%
- **18 to 29 yrs**: 7%
- **30 to 49 yrs**: 21%
- **50 to 64 yrs**: 71%
- **65+**: 0%

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Prepared by Mayor’s Innovation Team
# WEEKLY TOTALS

## City + County + State Update

As of February 4, 2022, Updated 1:00pm

### NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 1/29 to 2/04</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>300,015</td>
<td>100,684</td>
<td>46,178</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-48.5%</td>
<td>-44.3%</td>
<td>-33.9%</td>
</tr>
</tbody>
</table>

### NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 1/29 to 2/04</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>1,197</td>
<td>473</td>
<td>181</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>8.5%</td>
<td>-0.4%</td>
<td>1.1%</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.

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End of Report
February 4, 2022