DAILY LOS ANGELES
COVID-19 Data Summary

Friday, April 22, 2022

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
INDEX

- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
## 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, COVID 7-Day Positive Test Rate**

The following metrics have seen **desirable** movement over the past seven days: **New Deaths, Hospitalizations, ICU Rates**

<table>
<thead>
<tr>
<th>METRICS As of April 22, 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>1,362</td>
<td></td>
<td>+32.2%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>15</td>
<td></td>
<td>-11.8%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of two days ago)</td>
<td>2.0%</td>
<td></td>
<td>+0.4%</td>
</tr>
<tr>
<td><strong>Hospitalizations (7-day avg. as of 4/18)</strong></td>
<td>232</td>
<td></td>
<td>-14.7%</td>
</tr>
<tr>
<td><strong>ICU (7-day avg. as of 4/18)</strong></td>
<td>31</td>
<td></td>
<td>-20.5%</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

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LOS ANGELES COUNTY • COVID-19 Weekly Data Snapshot • As of Apr. 22, 2022 (Test Rate as of 4/21/22; Hospitalizations as of 4/18/22)

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

LOS ANGELES COUNTY: WEEKLY NEW CASES
-25.3% change since last month

LOS ANGELES COUNTY: WEEKLY NEW DEATHS
-44.4% change since last month

LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE
247% change since last month

LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS
-46.4% change since last month

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

Overlaying the waves of LA County’s COVID-19 surges adds context to understand how our current trends compare to those in previous seasons.

For this visualization, the time frames below align with calendar designations for the beginning and end of that season.

- **Summer 2021**
  Start: 6/20/21
  End: 9/21/21

- **Fall 2021**
  Start: 9/22/21
  End: 12/20/21

- **Winter 2021 - 2022**
  Start: 12/21/21
  End: 3/19/22

- **Spring 2022**
  Start: 3/20/22
  End: 6/20/22

Source: Los Angeles County Department of Health
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TOTAL COVID-19 U.S. CASES AND DEATHS - Per Capita State Comparisons
As of April 21, 2022 • One-day lag

Top five states or territories with the highest numbers of total cases:

California: 9.2M cases (23,194.0 per 100K)
89.9K deaths (227.1 per 100K)

Texas: 6.8M cases (23,698.1 per 100K)
88.0K deaths (306.5 per 100K)

Florida: 5.9M cases (27,730.2 per 100K)
73.8K deaths (346.4 per 100K)

New York: 5.1M cases (26,123.3 per 100K)
68.2K deaths (349.0 per 100K)

Illinois: 3.1M cases (24,411.0 per 100K)
36.0K deaths (282.5 per 100K)

Pennsylvania, Ohio, North Carolina, Georgia, and Michigan follow to comprise the 10 states or territories 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 April 21, 2022 • One-day lag

Top five states or territories with the highest numbers of new cases:

New York: +7.0K cases
22 additional deaths

Ohio: +6.9K cases
94 additional deaths

Puerto Rico: +3.9K cases
2 additional deaths

Illinois: +3.6K cases
13 additional deaths

Texas: +3.2K cases
30 additional deaths

New Jersey, Massachusetts, California, Colorado and Pennsylvania follow to comprise the 10 states or territories reporting the highest numbers of new cases.
Top five counties reporting the highest numbers of per capita (per 100K) cases:

- **Miami-Dade, Florida:** 43,768 cases per 100K (1,189,146 total cases)
- **Imperial, California:** 36,820 cases per 100K (66,723 total cases)
- **Pickens, South Carolina:** 36,168 cases per 100K (45,892 total cases)
- **Kings, California:** 36,091 cases per 100K (55,198 total cases)
- **Richmond, New York:** 35,284 cases per 100K (168,001 total cases)

Los Angeles, California: 28,466 cases per 100K (2,857,772 total cases)

Los Angeles County ranks #79 out of 584 counties with 100K+ COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)

As of April 21, 2022 • One-day lag

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

**Navajo, Arizona:** 813.2 deaths per 100K  
(902 total deaths)

**Mohave, Arizona:** 676.3 deaths per 100K  
(1,435 total deaths)

**Citrus, Florida:** 651.5 deaths per 100K  
(975 total deaths)

**Highlands, Florida:** 642.1 deaths per 100K  
(682 total deaths)

**Etowah, Alabama:** 633.6 deaths per 100K  
(648 total deaths)

**Los Angeles, California:** 317.9 deaths per 100K  
(31,913 total deaths)

Los Angeles County ranks #223 out of 584 counties with 100K+
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
KEY TAKEAWAYS

- LA County accounts for **33.4%** of cases in CA with a 7-day average of **1,362** new cases reported (**7.9%** increase from yesterday)

CUMULATIVE CASES

- **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 35.8% of deaths in CA with a 7-day average of 15 new deaths reported (No 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
4.96M
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.

CUMULATIVE TESTS COMPLETED
LA County has tested a total of at least 11,811,038 people and a total of 60,806,246 specimens (tests)

2021
2020

2022

4/20/2022
City positive rate as of April 20, 2022
County metrics as of April 20, 2022

NOTE: Public City testing stopped after 12/4/21. This figure includes the public test registration and tests administered to City personnel.

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

LA County has tested a total of at least 11,811,038 people and a total of 60,806,246 specimens (tests)

KEY TAKEAWAYS

COUNTY POSITIVITY RATE (2-day lag)

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**LA Hospitalization Updates**

**HOSPITALIZATIONS**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>226</td>
</tr>
<tr>
<td>Total Hospitalizations</td>
<td>136.9K</td>
</tr>
</tbody>
</table>

**CURRENT HOSPITALIZATIONS IN LA COUNTY**

Total hospitalizations increased **2.3%** and ICU hospitalizations decreased **16.1%** from 4/17 to 4/18.

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

COVID Vaccinations
KEY TAKEAWAYS FROM CITY OPERATIONS

A total of **1,430,028** vaccine doses have been administered at City sites, SNFs, DHP, and City Departments.

CUMULATIVE VACCINES AT CITY SITES:

- **1,430,028** vaccines administered
- **1,300,122** vaccines administered on 05/18/2021
- **4,028,103** vaccines administered on 4/21/2022

PERCENT OF ELIGIBLE RESIDENTS VACCINATED IN LA COUNTY

- **76.0%**
- Primary Series (Two Shots) Completed

Source: LA County DPH; LAFD

Note: City of Los Angeles public vaccine operations concluded on December 18, 2021. Vaccinations are still available 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>Male</th>
<th>Female</th>
<th>No Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>49%</td>
<td>51%</td>
<td>0.1%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>32%</td>
<td>3%</td>
<td>0%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>24%</td>
<td>26%</td>
<td>0.1%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>25%</td>
<td>26%</td>
<td>0.1%</td>
</tr>
<tr>
<td>65+</td>
<td>51%</td>
<td>49%</td>
<td>0.1%</td>
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### BREAKDOWN OF FIRST-DOSE VACCINES ADMINISTERED BY AGE

<table>
<thead>
<tr>
<th>AGE</th>
<th>Percentage</th>
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<tbody>
<tr>
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<td>32%</td>
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<tr>
<td>50 to 64 yrs</td>
<td>24%</td>
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<tr>
<td>65+</td>
<td>25%</td>
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### DEMOGRAPHIC BREAKDOWN POPULATION IN LA CITY

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<tr>
<th>Race/Ethnicity</th>
<th>Percent of Population in LA City</th>
</tr>
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<tbody>
<tr>
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<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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Source: Carbon Health and MyTurn for Vaccine Appointment Data; 2019 ACS for LA County Demographics
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Demographic Comparisons
LA County Cases by Demographics

PERCENT OF TOTAL CASES COMPARED TO POPULATION

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

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, April 22, 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

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY
Comparative Updates
**WEEKLY TOTALS**

**City + County + State Update**
As of April 22, 2022, Updated 1:00pm

Prepared by Mayor’s Innovation Team

**NEW CASES REPORTED**

<table>
<thead>
<tr>
<th>Week of 4/16 to 4/22</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>29,461</td>
<td>9,533</td>
<td>4,533</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>27.1%</td>
<td>32.2%</td>
<td>39.5%</td>
</tr>
</tbody>
</table>

**NEW DEATHS REPORTED**

<table>
<thead>
<tr>
<th>Week of 4/16 to 4/22</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>348</td>
<td>73</td>
<td>28</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-0.6%</td>
<td>-16.1%</td>
<td>-9.7%</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
April 22, 2022