INDEX

- Data Snapshot
- United States Updates
- Key Indicators
- COVID Vaccinations
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
<table>
<thead>
<tr>
<th>LOS ANGELES COUNTY</th>
<th>KEY METRICS</th>
</tr>
</thead>
</table>

**METRICS As of May 20, 2022 3PM**

<table>
<thead>
<tr>
<th></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>3,237</td>
<td></td>
<td>+15.9%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>7</td>
<td></td>
<td>+75.0%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of two days ago)</td>
<td>3.2%</td>
<td>+0.7%</td>
<td></td>
</tr>
<tr>
<td><strong>Hospitalizations (7-day avg.)</strong></td>
<td>346</td>
<td>+33.6%</td>
<td></td>
</tr>
<tr>
<td><strong>ICU (7-day avg.)</strong></td>
<td>46</td>
<td>+58.6%</td>
<td></td>
</tr>
</tbody>
</table>

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

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

---

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

Prepared by Mayor’s Innovation Team

Page 4
LOS ANGELES COUNTY • COVID-19 Weekly Data Snapshot • As of May 20, 2022

(Test Rate as of 5/18/2022; Hospitalizations as of 5/19/2022)

**LOS ANGELES COUNTY: WEEKLY NEW CASES**

- 156.5% change since last month

**LOS ANGELES COUNTY: WEEKLY NEW DEATHS**

- -36.4% change since last month

**LOS ANGELES COUNTY: AVERAGE POSITIVITY RATE**

- 34% change since last month

**LOS ANGELES COUNTY: AVERAGE HOSPITALIZATIONS**

- 74.3% 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 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
Prepared by Mayor’s Innovation Team

Page 6

SEASONAL WAVES OF NEW COVID-19 CASES IN LOS ANGELES COUNTY

Average new cases as of 5/20/22: 3,237

Average new cases per day as of 5/20/22: 2,732

Days of COVID-19 Wave
Top five states or territories with the highest numbers of total cases:

- **California**: 9.4M cases (23,783.3 per 100K)  
  90.9K deaths (229.8 per 100K)

- **Texas**: 6.9M cases (24,000.8 per 100K)  
  88.3K deaths (307.6 per 100K)

- **Florida**: 6.0M cases (28,403.4 per 100K)  
  74.3K deaths (348.8 per 100K)

- **New York**: 5.3M cases (27,352.1 per 100K)  
  68.7K deaths (351.8 per 100K)

- **Illinois**: 3.2M cases (25,467.6 per 100K)  
  36.2K deaths (284.0 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

**California’s Per Capita Ranking:**

- #38 in Cases per 100K
- #39 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 May 19, 2022 • One-day lag

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

- **Ohio**: +19.5K cases
  40 additional deaths

- **New York**: +11.4K cases
  29 additional deaths

- **Florida**: +10.3K cases
  23 additional deaths

- **Illinois**: +7.6K cases
  15 additional deaths

- **Puerto Rico**: +6.9K cases
  8 additional deaths

New Jersey, Massachusetts, Texas, California and Utah follow to comprise the 10 states or territories 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**: 44,765 cases per 100K (1,216,226 total cases)

**Imperial, California**: 36,903 cases per 100K (66,874 total cases)

**Richmond, New York**: 36,661 cases per 100K (174,558 total cases)

**Pickens, South Carolina**: 36,430 cases per 100K (46,224 total cases)

**Providence, Rhode Island**: 36,348 cases per 100K (232,239 total cases)

**Los Angeles, California**: 29,154 cases per 100K (2,926,848 total cases)

Los Angeles County ranks #72 out of 584 counties with 100K+ COVID-19 U.S. CASES - Per Capita County Comparison (Counties >=100K ppl)

As of May 19, 2022 • One-day lag

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

Prepared by Mayor’s Innovation Team

Page 10

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: 819.5 deaths per 100K
(909 total deaths)

Mohave, Arizona: 687.1 deaths per 100K
(1,458 total deaths)

Citrus, Florida: 652.2 deaths per 100K
(976 total deaths)

Highlands, Florida: 645.8 deaths per 100K
(686 total deaths)

Etowah, Alabama: 636.6 deaths per 100K
(651 total deaths)

Los Angeles, California: 319.4 deaths per 100K
(32,064 total deaths)

Los Angeles County ranks #224 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

<table>
<thead>
<tr>
<th></th>
<th>New Cases (7-Day Rolling Average)</th>
<th>Daily New Cases</th>
</tr>
</thead>
</table>

- LA County accounts for **33.3%** of cases in CA with a 7-day average of **3,237** new cases reported (**3.6%** decrease from yesterday)

---

## CUMULATIVE CASES

- **Global**: 595,600 New Cases (524M Total Cases)
- **USA**: 109,580 New Cases (83.1M Total Cases)
- **California**: 40,019 New Cases (8.8M Total Cases)
- **Los Angeles**: 3,180 New Cases (2,929,950 Total Cases)

---

**New Cases (7-Day Rolling Average)**

- **9/14/2021**: 1,350 New Cases
- **10/13/2021**: 1,088 New Cases
- **12/7/2021**: 1,233 New Cases
- **3/6/2022**: 1,663 New Cases
- **4/6/2022**: 1,436 New Cases
- **5/20/2022**: 3,237 New Cases

---

**Infection Rate**

- Ideal < 1.0

---

**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

**LOS ANGELES**
1.1% 10 32,074
Mortality Rate New Deaths Total Deaths

**CALIFORNIA**
163 90,382
New Deaths Total Deaths

**UNITED STATES**
337 1001.6K
New Deaths Total Deaths

**GLOBAL**
1,877 6.3M
New Deaths Total Deaths

---

**LA COUNTY 7-DAY AVERAGE DEATHS**

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

**CUMULATIVE DEATHS**

- LA County accounts for 35.5% of deaths in CA with a 7-day average of 7 new deaths reported (No 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.
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.

<table>
<thead>
<tr>
<th>POSITIVITY RATE</th>
<th>Cumulative City - Tests</th>
<th>11.2%</th>
<th>Cumulative County - Tests</th>
<th>5.4%</th>
<th>Cumulative County - People</th>
<th>22.0%</th>
<th>County’s 7-day Rate For Tests (2-day lag)</th>
<th>3.2%</th>
<th>City’s 7-day Rate For Tests (2-day lag)</th>
<th>15.6%</th>
</tr>
</thead>
</table>

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 11,957,743 people and a total of 64,490,951 specimens (tests)

Key Takeaways
LA County has tested a total of at least 11,957,743 people and a total of 64,490,951 specimens (tests)

County metrics as of May 18, 2022

Prepared by Mayor’s Innovation Team
LA Hospitalization Updates

HOSPITALIZATIONS

401  138.3K

Current Hospitalizations  Total Hospitalizations

CURRENT HOSPITALIZATIONS IN LA COUNTY

KEY INSIGHTS

Total hospitalizations increased 5.8% and ICU hospitalizations decreased 11.3% from 5/18 to 5/19

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:

<table>
<thead>
<tr>
<th>Date</th>
<th>Vaccines Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/18/2021</td>
<td>1,300,122</td>
</tr>
<tr>
<td>5/19/2022</td>
<td>1,430,028</td>
</tr>
</tbody>
</table>

PERCENT OF ELIGIBLE RESIDENTS VACCINATED IN LA COUNTY

76.4%
Primary Series (Two Shots) Completed

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

The 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>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>

**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

---

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

---

### BREAKDOWN OF MOBILE FIRST-DOSE VACCINES ADMINISTERED BY RACE

#### AGE

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 to 11 yrs</td>
<td>0.2%</td>
</tr>
<tr>
<td>12 to 17 yrs</td>
<td>4%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>18%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>37%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>26%</td>
</tr>
<tr>
<td>65+</td>
<td>15%</td>
</tr>
</tbody>
</table>

#### GENDER

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percent of Population in LA City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>51%</td>
</tr>
<tr>
<td>Female</td>
<td>49%</td>
</tr>
<tr>
<td>No Info</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

#### AGE DISTRIBUTION

- 5 to 11 yrs: 0.2%
- 12 to 17 yrs: 4%
- 18 to 29 yrs: 18%
- 30 to 49 yrs: 37%
- 50 to 64 yrs: 26%
- 65+: 15%

#### GENDER DISTRIBUTION

- Male: 51%
- Female: 49%
- No Info: 0.5%

#### TOTAL MOBILE VACCINES ADMINISTERED

- 153,187

---

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

<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 and MyTurn for Vaccine Appointment Data; 2019 ACS for LA County Demographics*
COVID-19 • LOS ANGELES COUNTY

Demographic Comparisons
LA County Cases by Demographics

PERCENT OF TOTAL CASES COMPARED TO POPULATION

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

**Race**
- Asian: 7%
- Black: 6%
- Hispanic/Latino: 57%
- White: 16%
- Other: 13%

**Gender**
- Female: 52%
- Male: 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

All metrics last updated at 1 PM, May 20, 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**

**Age**

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

**Race**

- Asian: 14%
- Black: 8%
- Hispanic/Latino: 21%
- White: 33%
- Other: 1%
- American Indian or Alaska Native: 0%
- Native Hawaiian or Other Pacific Islander: 0%

**Gender**

- Male: 59%
- Female: 41%

All metrics last updated at 1 PM, May 20, 2022 unless otherwise noted.
As of May 20, 2022, Updated 1:00pm

### WEEKLY TOTALS

City + County + State Update

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.

#### NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 5/14 to 5/20</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>90,563</td>
<td>22,659</td>
<td>9,913</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>71.2%</td>
<td>15.9%</td>
<td>9.8%</td>
</tr>
</tbody>
</table>

#### NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 5/14 to 5/20</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>265</td>
<td>52</td>
<td>25</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-0.4%</td>
<td>67.7%</td>
<td>78.6%</td>
</tr>
</tbody>
</table>