DAILY LOS ANGELES
COVID-19 Data Summary

Friday, October 22, 2021

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- Key Indicators
- COVID Vaccinations
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- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
Key Takeaways:
The following metrics have seen undesirable movement over the past seven days for which data are available: New Cases, New Deaths

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

Note: The month/year comparison is the most recent date that similar metrics were seen. In cases where the metric has mostly remained stable, there is an additional note of “stable” provided as well.

<table>
<thead>
<tr>
<th>METRICS As of October 22, 2021 3PM</th>
<th>TODAY'S AVERAGES</th>
<th>OVERALL TREND</th>
<th>% CHANGE VS LAST WEEK</th>
<th>MONTH/YEAR COMPARISON</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td>1,055</td>
<td></td>
<td>+4.4%</td>
<td>August 15, 2021</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>18</td>
<td></td>
<td>+20.0%</td>
<td>September 6, 2021</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>0.8%</td>
<td></td>
<td>-0.1%</td>
<td>October 16, 2021</td>
</tr>
</tbody>
</table>
LOS ANGELES COUNTY • COVID-19 Weekly Data Snapshot • As of Oct. 22, 2021 (Hospitalization/Test Rate as of 10/21/21)

-33.8% change since last month
-25% change since last month
-42% change since last month
-37.3% change since last month
The top five states with the highest numbers of total cases are:

**California:** 4.8M cases (12,241.7 per 100K)
71.2K deaths (180.0 per 100K)

**Texas:** 4.2M cases (14,641.6 per 100K)
69.8K deaths (243.2 per 100K)

**Florida:** 3.7M cases (17,202.9 per 100K)
58.6K deaths (275.2 per 100K)

**New York:** 2.5M cases (12,913.4 per 100K)
56.1K deaths (287.2 per 100K)

**Illinois:** 1.7M cases (13,169.5 per 100K)
28.0K deaths (219.7 per 100K)

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

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

**Texas:** +5.7K cases  
230 additional deaths

**California:** +7.5K cases  
170 additional deaths

**Pennsylvania:** +5.0K cases  
94 additional deaths

**Ohio:** +4.1K cases  
0 additional deaths

**New York:** +4.4K cases  
53 additional deaths

Colorado, Washington, North Carolina, Wisconsin, and Arizona 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: **24,839 cases** per 100K (674,857 total cases)

Pickens, South Carolina: **21,688 cases** per 100K (27,518 total cases)

Whitfield, Georgia: **21,454 cases** per 100K (22,447 total cases)

Kings, California: **21,447 cases** per 100K (32,801 total cases)

Lubbock, Texas: **20,988 cases** per 100K (65,182 total cases)

Los Angeles, California: **14,760 cases** per 100K (1,481,814 total cases)

*Los Angeles County ranks #222 out of 584 counties with 100K+*
Top five counties reporting the highest numbers of per capita (per 100K) deaths:

**Navajo, Arizona:** 553.5 deaths per 100K
(614 total deaths)

**Etowah, Alabama:** 486.0 deaths per 100K
(497 total deaths)

**Bronx, New York:** 476.0 deaths per 100K
(6,751 total deaths)

**Potter, Texas (Amarillo):** 463.3 deaths per 100K
(544 total deaths)

**Queens, New York:** 456.5 deaths per 100K
(10,288 total deaths)

**Los Angeles, California:** 264 deaths per 100K
(26,506 total deaths)

*Los Angeles County ranks #119 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

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

**Los Angeles**
- Infection Rate: 0.94
- New Cases: 1,227
- Total Cases: 1,483,031

**California**
- New Cases (As of 10/21): 5,124
- Total Cases: 4.6M

**United States**
- New Cases: 80,072
- Total Cases: 45.3M

**Global**
- New Cases: 457,126
- Total Cases: 242.5M

**LA County 7-Day Average Cases**

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

**LA County accounts for 32.2% of cases in CA with an average of 1,055 new cases reported from 10/16 to 10/22 (1.6% increase)**

*Cases reported on 9/13/2021 included data from a backlog*

**Cumulative Cases**

*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.*

All metrics last updated at 1 PM, October 22, 2021 unless otherwise noted.
LA County Mortality Updates

**LOSA ANGELES**
- Mortality Rate: 1.8%
- New Deaths: 15
- Total Deaths: 26,513

**CALIFORNIA**
- New Deaths (As of 10/21): 148
- Total Deaths: 70,741

**UNITED STATES**
- New Deaths: 1,903
- Total Deaths: 733,217

**GLOBAL**
- New Deaths: 7,589
- Total Deaths: 4,896,491

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**LA COUNTY 7-DAY AVERAGE DEATHS**
- New Deaths (7-Day Rolling Average)
- Daily New Deaths

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**KEY TAKEAWAYS**

LA County accounts for 37.5% of deaths in CA with an average of 18 new deaths reported from 10/16 to 10/22 (0% change)

**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 City Testing Updates

### TESTS COMPLETED

<table>
<thead>
<tr>
<th></th>
<th>2.8K</th>
<th>4.8M</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Since last week</td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Tests</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Since 3/20/20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AVAILABILITY

<table>
<thead>
<tr>
<th></th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total City Sites</td>
<td></td>
</tr>
<tr>
<td>Available Today</td>
<td></td>
</tr>
</tbody>
</table>

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

### DAILY TESTS

[Graph showing daily tests performed from 9/1 to 10/17/2021]

### TESTING IN LA CITY

3.50%

7-Day Positivity Rate - Tests

### KEY TAKEAWAYS

- At least **4,802,621** tests have been performed at City of Los Angeles since 3/20/20
- On average, **1,331** tests were performed each day from 10/11 to 10/17
- **497,126** of the **4,664,689** tests for which results were received were positive (10.8%)

**Source:** City of Los Angeles
LA Testing Updates • Positivity Rate

TESTS COMPLETED

2.8K
City Tests
Since last week

4.8M
City Tests
Since 3/20/20

AVAILABILITY

10
Total City Sites
Available Today

POSITIVITY RATE

10.8%
Cumulative City - Tests

5.1%
Cumulative County - Tests

15.3%
Cumulative County - People

0.8%
County’s 7-day Rate For Tests (1 week lag)

3.5%
City’s 7-day Rate For Tests (2 day lag)

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

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 8,957,607 people and a total of 34,328,057 specimens (tests)

KEY TAKEAWAYS

City positive rate as of October 21/October 20, 2021
County metrics as of October 15, 2021

COUNTY POSITIVITY RATE (7-day lag)

3/11/2020
10/15/2021

Legend:

7-Day Positivity Rate
Cumulative Positive Test Rate

Source: City of Los Angeles
LA Hospitalization Updates

**HOSPITALIZATIONS**

<table>
<thead>
<tr>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>621</td>
<td>68.4K</td>
</tr>
</tbody>
</table>

**KEY INSIGHTS**

Total hospitalizations increased **3.8%** and ICU hospitalizations decreased **6%** from 10/20 to 10/21.

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**Source:** New Hospitalizations data from County HavBed Bed Tracking, County Hospitalization data from CA Open Data Portal.
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COVID Vaccinations
COVID-19 Vaccinations Administered

KEY TAKEAWAYS

A total of 1,404,282 vaccines have been administered at City sites, SNFs, DHP, and City Departments

DOSES ADMINISTERED

LA CITY

<table>
<thead>
<tr>
<th>Vaccines Administered</th>
</tr>
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<tbody>
<tr>
<td>1,404,282</td>
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</table>

LA COUNTY

<table>
<thead>
<tr>
<th>Vaccines Administered*</th>
</tr>
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<tr>
<td>13,300,682</td>
</tr>
</tbody>
</table>

CUMULATIVE VACCINES AT CITY SITES

- 707,190
- 1,404,282

12/20/2020 10/21/2021

All metrics as of October 21, 2021 unless otherwise noted

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

**AGE**
- 2% 0 to 17 yrs
- 17% 18 to 29 yrs
- 32% 30 to 49 yrs
- 24% 50 to 64 yrs
- 25% 65+

**GENDER**
- 49% Male
- 51% Female
- 0.1% No Info

#### 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

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**Prepared by Mayor’s Innovation Team**

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DEMOGRAPHIC BREAKDOWN
POPULATION IN LA CITY

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Source: Carbon Health for Vaccine Appointment Data
2019 ACS for LA County Demographics

AGE
0 to 17 yrs 18% 18 to 29 yrs 36% 30 to 49 yrs 27% 50 to 64 yrs 15% 65+ 5%

GENDER
Male 50% Female 49% No Info 0.5%

BREACKDOWN OF MOBILE FIRST-DOSE VACCINES ADMINISTERED BY RACE

First-Dose Vaccines Administered by Demographics at City Mobile Sites

All metrics as of October 21, 2021

136,207 Total Mobile Vaccines Administered

PREPARED BY MAYOR’S INNOVATION TEAM
COVID-19 DATA SUMMARY

Testing Details
Since last week, we saw the test-positivity rate **increased** in the **30 to 49** age group.

Current positive rates by age group:

- 3.5% for ages 0 to 17
- 2.6% for ages 18 to 29
- 3.8% for ages 30 to 49
- 4.3% for ages 50 to 64
- 2.5% for ages 65+

**Weekly City Positive Testing by Age**
June 23, 2020 to October 15, 2021

Source: Healthvana
Prepared by Mayor’s Innovation Team
Page 22
Key Takeaways:

• Last week’s overall positive rate for symptomatic and asymptomatic individuals is **3.4%** (a -12% change from last week).

• Individuals experiencing symptoms are testing positive at a rate of **5.6%** (a -5% change from last week).

• Individuals not experiencing symptoms are testing positive at a rate of **2.4%** (a -17% change from last week).*

*Overall positive rate (not cumulative) only includes data results with complete symptomatic/asymptomatic information.

Note: A portion of test results reported from 9/23 to 10/23 and in late November are missing symptom-type information.
Weekly City Positive Testing by Race
June 23, 2020 to October 15, 2021

Key Takeaways:
Since last week, the overall positivity rate increased in Asian, Black, Multiracial, and NHOPI groups, and decreased for all other groups.

Positive testing rates from 10/9 to 10/15:
• Overall Positive Rate: 3.4%
• Hispanic/Latino: 3.8%
• American Indian/Alaska Native: 2.63%
• Black: 3.7%
• Native Hawaiian/Pacific Islander: 3.8%
• White: 2.1%
• Asian: 3.5%
• Multiracial: 3.1%
• Other: 3.3%

Source: Healthvana
Prepared by Mayor’s Innovation Team
Page 24
Key Takeaways:
Positive testing rates from 6/23/20 to 10/15/21:

- Overall Positive Rate: 11.4%
- Hispanic/Latino: 17.0%
- American Indian/Alaska Native: 12.2%
- Black: 7.0%
- Native Hawaiian/Pacific Islander: 7.4%
- White: 4.7%
- Asian: 5.3%
- Multiracial: 5.1%
- Other: 12.1%

Source: Healthvana
*Only data with complete race/ethnicity information was included

Prepared by Mayor’s Innovation Team
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Demographic Comparisons
## Cases by Demographics

<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>Cases</td>
<td>2,096,996 population</td>
<td>1,703,423 population</td>
<td>2,725,650 population</td>
<td>1,856,788 population</td>
<td>1,268,675 population</td>
</tr>
<tr>
<td>%</td>
<td>15%</td>
<td>24%</td>
<td>33%</td>
<td>19%</td>
<td>10%</td>
</tr>
</tbody>
</table>

### PERCENT OF TOTAL CASES COMPARED TO POPULATION

#### Race

- **Asian**: 1,492,534 population, 6%
- **Black/African American**: 811,476 population, 6%
- **Hispanic/Latino**: 4,890,980 population, 63%
- **White**: 2,619,709 population, 15%
- **Other**: 373,415 population, 10%
- **American Indian or Alaska Native**: 21,069 population, 0%
- **Native Hawaiian or Other Pacific Islander**: 76,089 population, 0%

#### Gender

- **Female**: 4,890,980 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 Department of Public Health

All metrics last updated at 1 PM, October 22, 2021 unless otherwise noted.
Deaths by Demographics

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Deaths Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>0.0%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>7%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>22%</td>
</tr>
<tr>
<td>65+</td>
<td>70%</td>
</tr>
</tbody>
</table>

**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

*Note: Previously, the gender categories were inaccurately labeled.*

Source: Los Angeles Department of Public Health
WEEKLY TOTALS

City + County + State Update
As of October 22, 2021, Updated 1:00pm

NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 10/16 to 10/22</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>29,039</td>
<td>7,454</td>
<td>2,906</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-17.5%</td>
<td>3.6%</td>
<td>11.3%</td>
</tr>
</tbody>
</table>

NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 10/16 to 10/22</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>36</td>
<td>123</td>
<td>36</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>8.1%</td>
<td>15.0%</td>
<td>-10.0%</td>
</tr>
</tbody>
</table>