COVID-19 Data Summary

Wednesday, July 21, 2021

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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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: **New Cases, 7-Day COVID Positive Test Rate** (vs last week)

The following metrics have seen **desirable** movement over the past seven days: **New Deaths, 7-Day COVID Positive Test Rate** (vs baseline)

**Note:** Unless otherwise noted, the baseline period is the week of 4/18/20-4/24/20, our highest week in the month of April, first full month of reporting on record

<table>
<thead>
<tr>
<th>METRICS As of July 21, 2021 3PM</th>
<th>TODAY’S AVERAGES</th>
<th>CURRENT TREND VS LAST WEEK</th>
<th>% CHANGE VS LAST WEEK</th>
<th>CURRENT TREND VS BASELINE</th>
<th>% CHANGE VS BASELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases (7-day avg.)</strong></td>
<td>1,787</td>
<td></td>
<td>+63.9%</td>
<td></td>
<td>+71.3%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>5</td>
<td>-28.6%</td>
<td></td>
<td>-90.2%</td>
<td></td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>3.8%</td>
<td>+1.4%</td>
<td></td>
<td>-8.1%</td>
<td></td>
</tr>
</tbody>
</table>

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
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Key Indicators
Cases, Deaths, Testing, and Hospitalizations
LA County Case Updates

**LOS ANGELES**

1.40

Infection Rate
Ideal < 1.0

2,551

New Cases

1,273,390

Total Cases

**CALIFORNIA**

464

New Cases

3.77M

Total Cases

**UNITED STATES**

42,703

New Cases

34.2M

Total Cases

**GLOBAL**

529,526

New Cases

191.4M

Total Cases

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**LA COUNTY 7-DAY AVERAGE CASES**

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

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**KEY TAKEAWAYS**

- LA County accounts for 33.8% of cases in CA with an average of 1,787 new cases reported from 7/15 to 7/21 (11% increase)

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**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.
LA County Mortality Updates

LA COUNTY 7-DAY AVERAGE DEATHS

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

KEY TAKEAWAYS

- LA County accounts for 38.6% of deaths in CA with an average of 5 new deaths reported from 7/15 to 7/21 (-16.7% decrease)

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
21.7K
4.47M

City Tests
Since last week
City Tests
Since 3/20/20

AVAILABILITY
10

Total City Sites
Available Today

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

DAILY TESTS

TESTING IN LA CITY

11.18%

7-Day Positivity Rate - Tests

KEY TAKEAWAYS

• At least 4,472,976 tests have been performed at City of Los Angeles since 3/20/20

• On average, 2,991 tests were performed each day from 7/14 to 7/20

• 472,693 of the 4,314,561 tests for which results were received were positive (11.1%)

Source: City of Los Angeles

All metrics as of July 20, 2021
LA Testing Updates • Positivity Rate

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

TESTS COMPLETED
21.7K City Tests Since last week
4.47M City Tests Since 3/20/20

AVAILABILITY
10 Total City Sites Available Today

POSITIVITY RATE
City Tests Since last week
Cumulative City - Tests 11.1%
Cumulative County - Tests 6.7%
Cumulative County - People 16.4%
City's 7-day Rate For Tests 4.1%
County's 7-day Rate For Tests (1 week lag) 11.18%

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

LA County has tested a total of at least 7,200,363 people and a total of 22,666,708 specimens (tests)

KEY TAKEAWAYS

LA County has tested a total of at least 7,200,363 people and a total of 22,666,708 specimens (tests)
LA Hospitalization Updates

HOSPITALIZATIONS

<table>
<thead>
<tr>
<th>Current</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>645</td>
<td>68.4K</td>
</tr>
</tbody>
</table>

Current Hospitalizations

Total Hospitalizations

KEY INSIGHTS

- Total hospitalizations increased **10.3%** and ICU hospitalizations increased **4.5%** from 7/19 to 7/20

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

Comparative Updates
City + County + State Update
As of July 21, 2021, Updated 1:00pm

Daily Confirmed Cases, 7-Day Average

- Week of 7/15 to 7/21
  - CA: 3,123 (33.8% of cases in CA)
  - LA County: 1,787 (13.8% of cases in CA)
  - City of LA: 809

% Change from yesterday
- CA: -6.4%
- LA County: 11.0%
- City of LA: 12.8%

Daily Confirmed Deaths, 7-Day Average

- Week of 7/15 to 7/21
  - CA: 27 (38.6% of deaths in CA)
  - LA County: 5 (15.4% of deaths in CA)
  - City of LA: 2

% Change from yesterday
- CA: 217.9%
- LA County: -16.7%
- City of LA: -11.8%

Prepared by Mayor’s Innovation Team
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.