INDEX

- Data Snapshot
- Key Indicators
- Comparative Updates (LA City/County/CA)
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, COVID 7-Day Positive Test Rate.

The following metrics have seen desirable movement over the past seven days: New Deaths.

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.

### METRICS As of December 7, 2021 3PM

<table>
<thead>
<tr>
<th>Metric</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>1,625</td>
<td></td>
<td>+62.8%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>14</td>
<td></td>
<td>-33.3%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong></td>
<td>1.2%</td>
<td></td>
<td>+0.4%</td>
</tr>
</tbody>
</table>

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

- **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
Page 5
COVID-19 • LOS ANGELES

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

### Los Angeles

- **Infection Rate**: 1.12
- **New Cases**: 941
- **Total Cases**: 1,538,451

### California

- **New Cases**: 22,406*
- **Total Cases**: 4.85M

### United States

- **New Cases**: 192,917
- **Total Cases**: 49.3M

### Global

- **New Cases**: 592,930
- **Total Cases**: 266.5M

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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 **31.8%** of cases in CA with a 7-day average of **1,625** new cases reported (**0.9%** increase from yesterday)

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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**

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8%</td>
<td>163*</td>
<td>1,382</td>
<td>6,830</td>
</tr>
<tr>
<td>15</td>
<td>74,209</td>
<td>789.7K</td>
<td>5.3M</td>
</tr>
<tr>
<td>New Deaths</td>
<td>Total Deaths</td>
<td>New Deaths</td>
<td>Total Deaths</td>
</tr>
</tbody>
</table>

*Note: New cases reported in California today include deaths reported on the previous Saturday and Sunday.*

**LA COUNTY 7-DAY AVERAGE DEATHS**

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

* • LA County accounts for **36.7%** of deaths in CA with a 7-day average of **14** new deaths reported (**-12.5%** decrease from yesterday)

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**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
6.3K  4.86M
City Tests  City Tests
Since last week  Since 3/20/20

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

DAILY TESTS

TESTING IN LA CITY

3.42%
7-Day Positivity Rate - Tests

KEY TAKEAWAYS

- At least 4,857,000 tests have been performed at City of Los Angeles since 3/20/20
- On average, 1,131 tests were performed each day from 11/28 to 12/4
- 498,872 of the 4,729,125 tests for which results were received were positive (10.7%)

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

**TESTS COMPLETED**

<table>
<thead>
<tr>
<th>City Tests Since last week</th>
<th>City Tests Since 3/20/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.3K</td>
<td>4.86M</td>
</tr>
</tbody>
</table>

**POSITIVITY RATE**

- City's 7-day Rate For Tests (2 day lag): 3.4%
- County's 7-day Rate For Tests (1 week lag): 1.7%
- Cumulative City - Tests: 14.9%
- Cumulative County - Tests: 14.9%
- Cumulative County - People: 10.7%
- Cumulative County - Specimens: 4.5%

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

**COUNTY POSITIVITY RATE** (7-day lag)

- LA County has tested a total of at least 9,522,717 people and a total of 40,517,000 specimens (tests)

**KEY TAKEAWAYS**

- LA County has tested a total of at least 9,522,717 people and a total of 40,517,000 specimens (tests)

**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>629</td>
<td>109.1K</td>
</tr>
</tbody>
</table>

Current Hospitalizations

Total hospitalizations increased 5.7% and ICU hospitalizations increased 3.4% from 12/4 to 12/5

KEY INSIGHTS

Total hospitalizations increased **5.7%** and ICU hospitalizations increased **3.4%** from 12/4 to 12/5

**Source:** New Hospitalizations data from County HavBed Bed Tracking, County Hospitalization data from CA Open Data Portal
## DAILY TOTALS (ROLLING AVERAGE)

City + County + State Update

As of December 7, 2021, Updated 1:00pm

### Daily Confirmed Cases, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 12/01 to 12/07</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases Reported</td>
<td>5,855</td>
<td>1,625</td>
<td>624</td>
</tr>
<tr>
<td>(31.8% of cases in CA)</td>
<td>(12.9% of cases in CA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>114.5%</td>
<td>0.9%</td>
<td>1.8%</td>
</tr>
</tbody>
</table>

### Daily Confirmed Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 12/01 to 12/07</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths Reported</td>
<td>83</td>
<td>14</td>
<td>5</td>
</tr>
<tr>
<td>(36.7% of deaths in CA)</td>
<td>(14.5% of deaths in CA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>27.4%</td>
<td>-12.5%</td>
<td>-2.9%</td>
</tr>
</tbody>
</table>

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.
End of Report
December 7, 2021