COVID-19 Data Summary

Response Day 251
Thursday November 19, 2020

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- Economic Analysis
Key Takeaways:
LA County has established thresholds for additional actions if cases or hospitalizations continue to increase:

**Threshold 1**
Cases (5-day avg): 4,000
Total Hospitalizations: 1,750
Outdoor and indoor dining at restaurants, breweries, wineries and bars will be prohibited and these businesses will only be able to offer pick-up and delivery.

**Threshold 2**
Cases (5-day avg): 4,500
Total Hospitalizations: 2,000
A Safer at Home Order will be instituted for three weeks.
A 10:00 p.m. to 6:00 a.m. curfew would be mandated, with essential workers exempt.

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
New reopening metrics and tier assignment were previously announced on Tuesdays. On November 16, the State announced that they may start reporting metrics more frequently and on days other than Tuesdays. All metrics are evaluated on a 7-day lag.

**New COVID-19 positive cases per 100K**
7-Day average new positive cases per 100K residents

**Adjusted case rate for tier assignment**
An adjustment factor for counties that are testing above or below the state average. This adjusted rate is used for “new case” metric rather than the raw case rate

**Positivity Rate**
7-day average of positive lab-confirmed COVID-19 cases divided by total tests

**Health Equity Metric**
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts

### METRICS

<table>
<thead>
<tr>
<th>Metric</th>
<th>Reporting Date</th>
<th>Rate</th>
<th>% Diff vs Last Week</th>
<th>Last Week Reporting Date</th>
<th>Last Week Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>New COVID-19 positive cases per 100K</td>
<td>11/16</td>
<td>20.6</td>
<td>+79.1%</td>
<td>11/10</td>
<td>11.5</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>11/16</td>
<td>13.7</td>
<td>+80.3%</td>
<td>11/10</td>
<td>7.6</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>11/16</td>
<td>5.3%</td>
<td>+1.5% (% Point Difference)</td>
<td>11/10</td>
<td>3.8%</td>
</tr>
<tr>
<td>Health Equity Metric* (starting 10/6)</td>
<td>11/16</td>
<td>6.5%</td>
<td>NO CHANGE (% Point Difference)</td>
<td>11/10</td>
<td>6.5%</td>
</tr>
</tbody>
</table>

Source: California Department of Public Health
Prepared by Mayor’s Innovation Team
### Los Angeles County Key Metrics

**As of Nov 19, 2020, 1 PM**

<table>
<thead>
<tr>
<th>METRICS</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</strong> (7-day avg.)</td>
<td>3,342 (7-day avg)</td>
<td></td>
<td>+53.9%</td>
<td></td>
<td>+220.4%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>21 (7-day avg)</td>
<td></td>
<td>+48.5%</td>
<td>-58.5%</td>
<td></td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of 2 days ago)</td>
<td>6.5% (overall)</td>
<td></td>
<td>+1.3%</td>
<td>-5.1% COVID+ Test Rate is % Point Difference w/ baseline</td>
<td></td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day avg)**</td>
<td>136 (7-day avg)</td>
<td></td>
<td>+46%</td>
<td>-12.3%</td>
<td></td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day avg)**</td>
<td>545 (7-day avg)</td>
<td></td>
<td>-9.7%</td>
<td>-51.2%</td>
<td></td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day avg)**</td>
<td>116 (7-day avg)</td>
<td></td>
<td>-12.9%</td>
<td>-52.2%</td>
<td></td>
</tr>
<tr>
<td><strong>LA City Crime</strong> (7-day avg)**</td>
<td>412 daily crimes</td>
<td></td>
<td>-13.4%</td>
<td>-30.1%</td>
<td></td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims</strong> (includes PUA)</td>
<td>4,284 as of 10/31/2020</td>
<td></td>
<td>-8.1%</td>
<td>+116%</td>
<td></td>
</tr>
</tbody>
</table>

*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

**As of 11/17/20**

| Source: Los Angeles County Department of Health, COVID Tracking Project |
| Prepared by Mayor’s Innovation Team |

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**Key Takeaways:**

The following metrics have seen undesired movement over the past seven days for which data are available: **New Cases, New Deaths** (vs last week), **7-Day COVID Positive Test Rate** (vs last week), **New Hospitalizations** (vs last week), **Acute Care Bed Capacity**, **ICU Bed Capacity**, and **Unemployment Insurance Claims** (vs baseline).

The following metrics have seen desirable movement over the past seven days: **New Deaths** (vs baseline), **7-Day COVID Positive Test Rate** (vs baseline), **New Hospitalizations** (vs baseline), **LA City Crime**, and **Unemployment Insurance Claims** (vs last week).

*As of 11/17/20*
<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>GLOBAL</th>
<th>HOTLINE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,031</td>
<td>657,381</td>
<td>125</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>COVID-related 311 calls</td>
</tr>
<tr>
<td>29</td>
<td>10,921</td>
<td>3,197</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td>Non-COVID related 311 calls</td>
</tr>
<tr>
<td>5,031</td>
<td>657,381</td>
<td>1.1 mins</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td>Average wait</td>
</tr>
<tr>
<td>353,232</td>
<td>56.7M</td>
<td></td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td></td>
</tr>
<tr>
<td>7363</td>
<td>1.4M</td>
<td></td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>COVID RELATED CALL THEMES - 11/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>11,478</td>
<td>195,762</td>
<td>· Testing</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>· Rent help</td>
</tr>
<tr>
<td>106</td>
<td>1,968</td>
<td>· Reporting violations</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td></td>
</tr>
<tr>
<td>11,478</td>
<td>195,762</td>
<td></td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td></td>
</tr>
<tr>
<td>1.06M</td>
<td>251.4K</td>
<td></td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L.A. TESTING UPDATES</th>
<th>HOSPITALIZATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.9K</td>
<td>164</td>
</tr>
<tr>
<td>City Tests (Tests Performed Since Last Report)</td>
<td>New Hospitalizations</td>
</tr>
<tr>
<td>34.4K</td>
<td>1,298</td>
</tr>
<tr>
<td>Available City Testing Capacity Today</td>
<td>Current Hospitalizations</td>
</tr>
<tr>
<td>2.21M</td>
<td>28K</td>
</tr>
<tr>
<td>City Tests Since 3/20</td>
<td>Total Hospitalizations</td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Total City Sites Available Today</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>610</td>
</tr>
<tr>
<td>Total Beds</td>
</tr>
<tr>
<td>513</td>
</tr>
<tr>
<td>Acute Care</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>ICU Beds</td>
</tr>
<tr>
<td>1,206</td>
</tr>
<tr>
<td>Ventilators</td>
</tr>
</tbody>
</table>
COVID-19 DATA SUMMARY

United States Update
California has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the South and West as well. The top five states, based on overall cases include:

#1: 1,060.9K cases in Texas (+12.5K) - 3696 per 100K
20.1K deaths in Texas (+230) - 70.1 per 100K

#2: 1,059.3K cases in California (+11.5K) - 2677 per 100K
18.5K deaths in California (+106) - 46.7 per 100K

#3: 901.2K cases in Florida (+8.9K) - 4231 per 100K
18.0K deaths in Florida (+81) - 84.7 per 100K

#4: 621.4K cases in Illinois (+14.6K) - 4877 per 100K
11.6K deaths in Illinois (+180) - 91.4 per 100K

#5: 579.4K cases in New York State (+5.3K) - 2964 per 100K
26.3K deaths in New York State (+32) - 134.4 per 100K

Rounding out the top ten are: Georgia, Wisconsin, Tennessee, Ohio, North Carolina

California ranks ...
#2 in Cases
#42 in Cases per 100K
#3 in Deaths
#34 in Deaths per 100K

Legend for map
New cases per day in the United States

Source: Los Angeles County Department of Health, COVID Tracking Project
California has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the South and West as well. The top five states, based on new cases since yesterday, include:

1. **Illinois**: 621.4K cases (+14.6K) - 4877 per 100K
   11.6K deaths in Illinois (+180) - 91.4 per 100K

2. **Texas**: 1,060.9K cases (+12.5K) - 3696 per 100K
   20.1K deaths in Texas (+230) - 70.1 per 100K

3. **California**: 1,059.3K cases (+11.5K) - 2677 per 100K
   18.5K deaths in California (+106) - 46.7 per 100K

4. **Florida**: 901.2K cases (+8.9K) - 4231 per 100K
   18.0K deaths in Florida (+81) - 84.7 per 100K

5. **Michigan**: 311.0K cases (+8.0K) - 3111 per 100K
   8.7K deaths in Michigan (+144) - 87.2 per 100K

Rounding out the top ten are: Minnesota, Ohio, Wisconsin, Indiana, Pennsylvania

**California ranks**...

- #2 in Cases
- #42 in Cases per 100K
- #3 in Deaths
- #34 in Deaths per 100K
Top 5 per capita (per 100K) cases by County:

- **Potter, Texas (Amarillo):** 9,413 cases per 100K (11,052 total cases)
- **Woodbury, Iowa (Sioux City):** 9,202 cases per 100K (9,488 total cases)
- **El Paso, Texas:** 9,197 cases per 100K (77,186 total cases)
- **Minnehaha, South Dakota (Sioux Falls):** 9,191 cases per 100K (17,751 total cases)
- **Lubbock, Texas:** 8,595 cases per 100K (26,693 total cases)

*Los Angeles, California: 3,470 cases per 100K (348,336 total cases)*

*Los Angeles County ranks #256 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York**: 354.2 deaths per 100K (5,023 total deaths)

**Queens, New York**: 325.0 deaths per 100K (7,324 total deaths)

**Kings, New York**: 291.3 deaths per 100K (7,457 total deaths)

**Essex, New Jersey (NYC Metro Area)**: 273.7 deaths per 100K (2,187 total deaths)

**Cameron, Texas**: 260.7 deaths per 100K (1,103 total deaths)

Los Angeles, California: 73.1 deaths per 100K (7,335 total deaths)

Los Angeles County ranks #186 out of 584 counties with 100K+
COVID-19 DATA SUMMARY
LA County Update
Key Takeaways:
Los Angeles County currently has a **2.1% mortality rate**. The estimated infection rate is 1.18 (ideal is \(<1.0\))

COVID-19 Los Angeles County Total Cases and Total Deaths, Past 7 Days
As of November 19, 2020, Noon

![Graph showing total cases and deaths from November 13 to 19, 2020]

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

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Key Takeaways:
The past seven days have seen an average daily increase of 3,342 new cases.
The past seven days have seen an average daily increase of 21 new deaths.

COVID-19 Los Angeles County New Cases and New Deaths, 7-Day Average
As of November 19, 2020, Noon

Source: Los Angeles County Department of Health
Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21

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Key Takeaways:

• An average of 9,665 cases reported in CA from 11/12 to 11/19 (0.9% increase)

• LA County accounts for 33.3% of cases in CA with an average of 3,342 new cases reported from 11/12 to 11/19 (1.0% increase)

• The City of LA accounts for 13.7% of cases in CA with an average of 1,376 new cases reported from 11/12 to 11/19 (1.0% increase)
Key Takeaways:
The past seven days have seen an **average daily increase of 3,342 new cases**

Note: Daily numbers may show a discrepancy when performing basic addition. This is based on the fact that the County is performing ongoing investigation into cases and updating their daily case numbers but not updating historic case numbers.

CASES

COVID-19 Los Angeles County Total and New Cases
As of November 19, 2020, 1:00 PM

Source: Los Angeles County Department of Public Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21.

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Key Takeaways:

• An average of 51 Deaths reported in CA from 11/12 to 11/19 (0.3% increase)

• LA County accounts for 39.9% of deaths in CA with an average of 21 new deaths reported from 11/12 to 11/19 (0.3% increase)

• The City of LA accounts for 16.8% of deaths in CA with an average of 10 new deaths reported from 11/12 to 11/19 (0.3% increase)

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.

Prepared by Mayor’s Innovation Team
Key Takeaways:
The past seven days have seen an average daily increase of 21 new deaths.

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.

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES COUNTY
Testing
Key Takeaways:

- **At least 2,210,906 tests** have been performed at City of Los Angeles since 3/20

- In LA County overall, at least **3,473,983** have been tested since 3/20

- **At least 29,875 tests** were performed on 11/18

- On average, **24,882** tests were performed each day from 11/12 to 11/18

- **137,936** of the 2,158,583 tests for which results were received were positive (6.5%)

Source: City of Los Angeles

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

Prepared by Mayor’s Innovation Team
Key Takeaways:

LA County’s overall positive rate is currently at 9.5% (for individuals tested)

LA City’s overall positive rate is currently at 6.5% (for all tests)

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

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Key Takeaways:

- The overall positive testing rate for City of LA sites peaked on 4/27 with a rate of 7.8%.
- The overall positive testing reached its lowest rate of 4.3% on 5/31.
- The current positive rate is rising and is currently at 6.5%.
- The 7-day positivity continues to rise and is at 8.22% (as of 11/17).
Key Takeaways:

- The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%.
- The positive testing reached its lowest rate of 7.7% on 5/27.
- The overall cumulative % positive persons tested as of 11/18 is 9.5%.

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting. Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.
Key Takeaways:

- The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%
- The positive testing reached its lowest rate of 7.7% on 5/27
- Given delays in testing results, 7-day positive average rates are more stable when viewed after a week.
- The overall cumulative % positive rate of specimens tested as of 11/12 was 6.1%
- The 7-day average daily % positive specimen rate as of 11/12 was 5.6%

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting. Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.
COVID-19 • LOS ANGELES COUNTY
Hospitalizations
Key Takeaways:

• 1,298 currently hospitalized patients, a 4.8% increase from yesterday

Source: California Open Data Portal

*Hospitalizations in county press conferences often reported with two-day lag

**There are additional patients in hospitals that are COVID-19-suspected

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Key Takeaways:
- At least 27,979 people have been hospitalized since 3/18
- 164 new hospitalizations* as of 11/17
- An average of 136 people were hospitalized daily due to COVID-19 between 11/10-11/17
- The new 7-day rolling average increased by 46% compared to last week's average

*No new hospitalizations update for 7/31

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services

Prepared by Mayor’s Innovation Team
Key Takeaways:
610 total beds

Since last week, there has been a:
- **12.8% decrease** in available acute care beds. Surge capacity is 11,482
- **6.7% decrease** in available ICU beds. Surge capacity is 4,067
- **3.1% decrease** in available ventilators. Surge capacity is 3,199

Hospital Bed and Equipment Capacity for LA County
As of November 17 • Two-day lag

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

Prepared by Mayor’s Innovation Team Page 31
Hospital Bed and Equipment Capacity for LA County
As of November 17 • Two-day lag

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services

This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

Prepared by Mayor’s Innovation Team
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Hospital Bed and Equipment Capacity for LA County
As of November 17 • Two-day lag

VENTILATORS

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services

This is self-reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

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COVID-19 DATA SUMMARY
City Response and Preparedness
Hotline Services: 311 Calls
As of November 17, 2020 • One-day lag

Source: ITA - 311 Contact Center
Prepared by Mayor’s Innovation Team
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:
• 4.3K new claims from 10/25-10/31, including Pandemic Unemployment Assistance (PUA).
• Spiked on 3/28 with 112K new claims
• This represents an increase of over 4500% from the weekly average from 1/1 - 3/7

Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5
Key Takeaways:

- September unemployment (seasonally-adjusted) is estimated at 15.1% for LA County. This is a bit lower than August’s numbers (16.1%) and quite a bit higher than California overall (11%)

- 1,315,741 total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020
14.6% decrease compared to last year

• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631

City of LA Sales Tax Revenue
As of July 2020

Source: California EDD

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End of Report
November 19, 2020