DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 249
Tuesday November 17, 2020

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- Hospitalization
- Mayor’s Office Initiatives
- Economic Analysis
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

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**STATE REOPENING METRICS**

<table>
<thead>
<tr>
<th>METRICS</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>

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**CURRENT LOS ANGELES COUNTY RISK LEVEL: WIDESPREAD**

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*Source: California Department of Public Health*

Prepared by Mayor’s Innovation Team
LOS ANGELES COUNTY
KEY METRICS

As of Nov 17, 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>New Cases (7-day avg.)</td>
<td>2,729 (7-day avg)</td>
<td></td>
<td>+32.5%</td>
<td></td>
<td>+161.6%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>16 (7-day avg)</td>
<td></td>
<td>-5.1%</td>
<td></td>
<td>-68.6%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate</td>
<td>5.9% (overall)</td>
<td></td>
<td>+0.9%</td>
<td></td>
<td>-5.7%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>131 (7-day avg)</td>
<td></td>
<td>+42.6%</td>
<td></td>
<td>-15.8%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>554 (7-day avg)</td>
<td></td>
<td>-8.6%</td>
<td></td>
<td>-50.4%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>119 (7-day avg)</td>
<td></td>
<td>-10.5%</td>
<td></td>
<td>-50.8%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg)</td>
<td>453 daily crimes (7-day avg) as of 11/8/2020</td>
<td></td>
<td>-1.1%</td>
<td></td>
<td>-23.8%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>4,284 as of 10/31/2020</td>
<td></td>
<td>-8.1%</td>
<td></td>
<td>+116%</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, 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, 7-Day COVID Positive Test Rate (vs baseline), New Hospitalizations (vs baseline), LA City Crime, and Unemployment Insurance Claims (vs last week).

*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 11/16/20
## LOS ANGELES COUNTY • City Response Highlights • As of November 17, 2020

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>GLOBAL</th>
<th>HOTLINE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,301</td>
<td>626,966</td>
<td>145</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>COVID-related 311 calls</td>
</tr>
<tr>
<td>25</td>
<td>10,758</td>
<td>3,094</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td>Non-COVID related 311 calls</td>
</tr>
<tr>
<td>344,523</td>
<td>55.3M</td>
<td>145 mins</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td>Average wait</td>
</tr>
<tr>
<td>7299</td>
<td>1.3M</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>
</tr>
</thead>
<tbody>
<tr>
<td>8,743</td>
<td>152,401</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
</tr>
<tr>
<td>36</td>
<td>842</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>18,299</td>
<td>247.7K</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
</tr>
<tr>
<td>1.04M</td>
<td>11.3M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
</tr>
</tbody>
</table>

### L.A. TESTING UPDATES

<table>
<thead>
<tr>
<th>City Tests (Tests Performed Since Last Report)</th>
<th>Available City Testing Capacity Today</th>
<th>City Tests Since 3/20</th>
<th>Total City Sites Available Today</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.8K</td>
<td>34.4K</td>
<td>2.15M</td>
<td>9</td>
</tr>
</tbody>
</table>

### HOSPITALIZATIONS

<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>159</td>
<td>1,188</td>
<td>27.8K</td>
</tr>
</tbody>
</table>

### BEDS

<table>
<thead>
<tr>
<th>Total Beds</th>
<th>Acute Care</th>
<th>ICU Beds</th>
<th>Ventilators</th>
</tr>
</thead>
<tbody>
<tr>
<td>755</td>
<td>620</td>
<td>135</td>
<td>1,300</td>
</tr>
</tbody>
</table>

Sources: Los Angeles County Department of Health, HAvBED, City of Los Angeles, Johns Hopkins University

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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: 1,039.5K cases in Texas (+11.6K) - 3621 per 100K
19.7K deaths in Texas (+117) - 68.6 per 100K

#2: 1,038.0K cases in California (+8.7K) - 2624 per 100K
18.3K deaths in California (+36) - 46.3 per 100K

#3: 884.6K cases in Florida (+7.3K) - 4153 per 100K
17.9K deaths in Florida (+86) - 83.9 per 100K

#4: 597.8K cases in Illinois (+12.6K) - 4692 per 100K
11.3K deaths in Illinois (+113) - 88.8 per 100K

#5: 568.8K cases in New York State (+5.1K) - 2910 per 100K
26.2K deaths in New York State (+30) - 134.0 per 100K

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

California ranks ...
#2 in Cases
#42 in Cases per 100K

#3 in Deaths
#34 in Deaths per 100K

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. 597.8K cases in Illinois (+12.6K) - 4692 per 100K
   11.3K deaths in Illinois (+113) - 88.8 per 100K

2. 1,039.5K cases in Texas (+11.6K) - 3621 per 100K
   19.7K deaths in Texas (+117) - 68.6 per 100K

3. 1,038.0K cases in California (+8.7K) - 2624 per 100K
   18.3K deaths in California (+36) - 46.3 per 100K

4. 296.8K cases in Michigan (+7.9K) - 2969 per 100K
   8.5K deaths in Michigan (+80) - 85.1 per 100K

5. 342.2K cases in Wisconsin (+7.6K) - 5885 per 100K
   2.9K deaths in Wisconsin (+103) - 49.3 per 100K

Rounding out the top ten are: Florida, Ohio, Minnesota, Pennsylvania, Missouri.

California ranks ...

- #2 in Cases
- #42 in Cases per 100K
- #3 in Deaths
- #34 in Deaths per 100K

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

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Top 5 per capita (per 100K) cases by County:

**Potter, Texas (Amarillo): 9,062 cases** per 100K (10,640 total cases)

**Woodbury, Iowa (Sioux City): 9,021 cases** per 100K (9,301 total cases)

**El Paso, Texas: 8,934 cases** per 100K (74,973 total cases)

**Minnehaha, South Dakota (Sioux Falls): 8,917 cases** per 100K (17,222 total cases)

**Lubbock, Texas: 8,311 cases** per 100K (25,810 total cases)

**Los Angeles, California: 3,410 cases** per 100K (342,343 total cases)

*Los Angeles County ranks #253 out of 584 counties with 100K+
COVID-19 US Deaths - Per Capita County Comparison (Counties ≥100K ppl)
As of November 16, 2020, 8:00 PM • One-day lag

Top 5 per capita (per 100K) deaths by County:

Bronx, New York: **354.1 deaths** per 100K
(5,022 total deaths)

Queens, New York: **324.9 deaths** per 100K
(7,323 total deaths)

Kings, New York: **291.1 deaths** per 100K
(7,453 total deaths)

Essex, New Jersey (NYC Metro Area): **272.1 deaths** per 100K
(2,174 total deaths)

Cameron, Texas: **259.7 deaths** per 100K
(1,099 total deaths)

Los Angeles, California: **72.5 deaths** per 100K
(7,275 total deaths)

Los Angeles County ranks #181 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
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COVID-19 DATA SUMMARY
LA County Update
Key Takeaways:
Los Angeles County currently has a **2.1% mortality rate**. The estimated infection rate is **1.03** (ideal is <1.0)
Key Takeaways:
The past seven days have seen an average daily increase of 2,729 new cases.
The past seven days have seen an average daily increase of 16 new deaths.

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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COVID-19 • CITY + COUNTY + STATE VIEW

New & Total Cases
Key Takeaways:

• An average of 8,680 Cases reported in CA from 11/10 to 11/17 (0.8% increase)

• LA County accounts for 33.2% of cases in CA with an average of 2,729 new cases reported from 11/10 to 11/17 (0.8% increase)

• The City of LA accounts for 13.6% of cases in CA with an average of 1,139 new cases reported from 11/10 to 11/17 (0.9% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 2,729 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 17, 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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COVID-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:
• An average of 42 Deaths reported in CA from 11/10 to 11/17 (0.2% increase)

• LA County accounts for 39.9% of deaths in CA with an average of 16 new deaths reported from 11/10 to 11/17 (0.2% increase)

• The City of LA accounts for 16.8% of deaths in CA with an average of 7 new deaths reported from 11/10 to 11/17 (0.2% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 16 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.

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COVID-19 • LOS ANGELES COUNTY
Testing
Key Takeaways:

- At least **2,153,500** tests have been performed at City of Los Angeles since 3/20

- In LA County overall, at least **3,422,263** have been tested since 3/20

- At least **24,808** tests were performed on 11/16

- On average, **22,321** tests were performed each day from 11/10 to 11/16

- **133,969** of the 2,111,557 tests for which results were received were positive (6.4%)

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

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Key Takeaways:

LA County’s overall positive rate is currently at 9.4% (for individuals tested)

LA City’s overall positive rate is currently at 6.4% (for all tests)
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 6.4%
- The 7-day positivity continues to rise and is at 7.64% (as of 11/15)

Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers. These testing numbers only include sites within the City of Los Angeles boundaries.

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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 11/15 is 9.4%

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 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 11/10 was 6.1%.
- The 7-day average daily % positive specimen rate as of 11/10 was 5.3%.

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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COVID-19 • LOS ANGELES COUNTY
Hospitalizations
Key Takeaways:

- **1,188** currently hospitalized patients, a **5.5%** 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 27,837 people have been hospitalized since 3/18
• 159 new hospitalizations* as of 11/16
• An average of 131 people were hospitalized daily due to COVID-19 between 11/09-11/16
• The new 7-day rolling average increased by 42.6% 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:
755 total beds

Since last week, there has been a:
- 7.6% increase in available acute care beds. Surge capacity is 11,482
- 11.6% increase in available ICU beds. Surge capacity is 4,067
- 6.4% increase in available ventilators. Surge capacity is 3,199

County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories
(ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)
Hospital Bed and Equipment Capacity for LA County
As of November 16 • Three-day lag

**HOSPITALIZATIONS**

**ICU BEDS**

- Non-COVID Occupied
- COVID Person Under Investigation
- COVID Occupied
- Available

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 16 • Three-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 16, 2020 • Four-day lag

Source: ITA - 311 Contact Center
Prepared by Mayor’s Innovation Team
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