DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 257
Tuesday November 24, 2020

Prepared by
City of Los Angeles, Mayor Garcetti's Innovation Team
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COVID-19 DATA SUMMARY
Data Snapshot
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 (starting 10/6)*

<table>
<thead>
<tr>
<th>County risk level</th>
<th>New cases</th>
<th>positive tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDESPREAD</td>
<td>More than 7 daily new cases (per 100K)</td>
<td>More than 8% positive tests</td>
</tr>
<tr>
<td>SUBSTANTIAL</td>
<td>4 - 7 daily new cases (per 100K)</td>
<td>5 - 8% positive tests</td>
</tr>
<tr>
<td>MODERATE</td>
<td>1 - 3.9 daily new cases (per 100K)</td>
<td>2 - 4.9% positive tests</td>
</tr>
<tr>
<td>MINIMAL</td>
<td>Less than 1 daily new cases (per 100K)</td>
<td>Less than 2% positive tests</td>
</tr>
</tbody>
</table>

*California has not released new equity metrics since 11/10

### METRICS
As of Nov 24, 2020, 1 PM

<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>11/24</td>
<td>31.9</td>
<td>+54.9%</td>
<td>11/16</td>
<td>20.6</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>11/24</td>
<td>16.0</td>
<td>+16.8%</td>
<td>11/16</td>
<td>13.7</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>11/24</td>
<td>6.6%</td>
<td>+1.3%</td>
<td>11/16</td>
<td>5.3%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>11/10</td>
<td>6.5%</td>
<td>-0.3%</td>
<td>11/4</td>
<td>6.8%</td>
</tr>
</tbody>
</table>

Source: California Department of Public Health
Prepared by Mayor’s Innovation Team

CURRENT LOS ANGELES COUNTY RISK LEVEL: **WIDESPREAD**
# Los Angeles County Key Metrics

## As of Nov 24, 2020, 1 PM

### Key Takeaways:

The following metrics have seen **undesirable** 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, Acute Care Bed Capacity (vs baseline), ICU Bed Capacity, and Unemployment Insurance Claims.

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

*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 11/22/20*  
**As of 11/17/20**

### Metrics

<table>
<thead>
<tr>
<th>Metric</th>
<th>7-Day Avg</th>
<th>Trend vs Last Week</th>
<th>% Change vs Last Week</th>
<th>Trend vs Baseline</th>
<th>% Change vs Baseline</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td>4,329</td>
<td>+58.6%</td>
<td>+315.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>29</td>
<td>+82.0%</td>
<td>-42.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of 2 days ago)</td>
<td>6.9% (overall)</td>
<td>+1.0%</td>
<td></td>
<td>-4.7% COVID+ Test Rate is % Point Difference w/ baseline</td>
<td></td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)*</td>
<td>195</td>
<td>+53%</td>
<td>+25.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>559</td>
<td>+0.9%</td>
<td>-49.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>105</td>
<td>-11.7%</td>
<td>-56.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2019 YTD</td>
<td>412 daily crimes (7-day avg) as of 11/14/2020</td>
<td>-13.4%</td>
<td></td>
<td>-30.1%</td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>4,750 as of 11/7/2020</td>
<td>+10.9%</td>
<td></td>
<td>+197%</td>
<td></td>
</tr>
</tbody>
</table>

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

Prepared by Mayor’s Innovation Team
<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>GLOBAL</th>
<th>HOTLINE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,692</td>
<td>571,437</td>
<td>189</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>COVID-related 311 calls</td>
</tr>
<tr>
<td>374,134</td>
<td>59.5M</td>
<td>3,000</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
<td>Non-COVID related 311 calls</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COVID RELATED CALL THEMES - 11/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>· Testing</td>
</tr>
<tr>
<td>· Rent help</td>
</tr>
<tr>
<td>· Reporting violations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>15,329</td>
<td>187,414</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
</tr>
<tr>
<td>43</td>
<td>1,732</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>18,769</td>
<td>258.8K</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Cases</td>
</tr>
<tr>
<td>1.13M</td>
<td>12.5M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L.A. TESTING UPDATES</th>
<th>HOSPITALIZATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.3K</td>
<td>238</td>
</tr>
<tr>
<td>City Tests</td>
<td>New Hospitalizations</td>
</tr>
<tr>
<td>(Tests Performed</td>
<td>1,682</td>
</tr>
<tr>
<td>Since Last Report)</td>
<td>Current Hospitalizations</td>
</tr>
<tr>
<td>38K</td>
<td>28.5K</td>
</tr>
<tr>
<td>Available City Testing Capacity Today</td>
<td>Total Hospitalizations</td>
</tr>
<tr>
<td>2.33M</td>
<td>Sources: Los Angeles County Department of Health, HAvBED, City of Los Angeles, Johns Hopkins University</td>
</tr>
<tr>
<td>City Tests Since 3/20</td>
<td>Prepared by Mayor’s Innovation Team</td>
</tr>
<tr>
<td>10</td>
<td>Page 7</td>
</tr>
<tr>
<td>Total City Sites</td>
<td></td>
</tr>
<tr>
<td>Available Today</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B ED S</th>
</tr>
</thead>
<tbody>
<tr>
<td>729</td>
</tr>
<tr>
<td>Total Beds</td>
</tr>
<tr>
<td>603</td>
</tr>
<tr>
<td>Acute Care</td>
</tr>
<tr>
<td>126</td>
</tr>
<tr>
<td>ICU Beds</td>
</tr>
<tr>
<td>1,202</td>
</tr>
<tr>
<td>Ventilators</td>
</tr>
</tbody>
</table>

*CA’s death total on 11/24 does not include new LA County deaths
COVID-19 DATA SUMMARY
United States Update
California again has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the Southwest as well. The top five states, based on overall cases include:

#1: 1,125.7K cases in California (+15.3K) - 2845 per 100K
18.8K deaths in California (+43) - 47.4 per 100K

#2: 1,115.4K cases in Texas (+14.4K) - 3886 per 100K
20.8K deaths in Texas (+162) - 72.3 per 100K

#3: 938.8K cases in Florida (+8.1K) - 4407 per 100K
18.4K deaths in Florida (+73) - 86.3 per 100K

#4: 674.1K cases in Illinois (+9.5K) - 5290 per 100K
12.3K deaths in Illinois (+150) - 96.2 per 100K

#5: 607.0K cases in New York State (+4.9K) - 3106 per 100K
26.4K deaths in New York State (+51) - 135.3 per 100K

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

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

#3 in Deaths
#37 in Deaths per 100K

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

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#2: 1,115.4K cases in Texas (+14.4K) - 3886 per 100K
20.8K deaths in Texas (+162) - 72.3 per 100K

#3: 674.1K cases in Illinois (+9.5K) - 5290 per 100K
12.3K deaths in Illinois (+150) - 96.2 per 100K

#4: 371.9K cases in Ohio (+8.6K) - 3181 per 100K
6.1K deaths in Ohio (+98) - 52.3 per 100K

#5: 938.8K cases in Florida (+8.1K) - 4407 per 100K
18.4K deaths in Florida (+73) - 86.3 per 100K

Rounding out the top ten are: Michigan, Wisconsin, Pennsylvania, Minnesota, Washington State

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

#3 in Deaths 
#37 in Deaths per 100K

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): 10,023 cases per 100K** (11,768 total cases)
- **Minnehaha, South Dakota (Sioux Falls): 9,806 cases per 100K** (18,938 total cases)
- **El Paso, Texas: 9,712 cases per 100K** (81,511 total cases)
- **Woodbury, Iowa (Sioux City): 9,633 cases per 100K** (9,932 total cases)
- **Lubbock, Texas: 9,297 cases per 100K** (28,873 total cases)

Los Angeles, California: **3,692 cases per 100K** (370,636 total cases)

Los Angeles County ranks #263 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:** 355.0 deaths per 100K  
(5,035 total deaths)

**Queens, New York:** 325.7 deaths per 100K  
(7,341 total deaths)

**Kings, New York:** 292.4 deaths per 100K  
(7,485 total deaths)

**Essex, New Jersey (NYC Metro Area):** 275.6 deaths per 100K  
(2,202 total deaths)

**Cameron, Texas:** 261.8 deaths per 100K  
(1,108 total deaths)

**Los Angeles, California:** 74.2 deaths per 100K  
(7,446 total deaths)

*Los Angeles County ranks #197 out of 584 counties with 100K+*
COVID-19 DATA SUMMARY
LA County Update
Key Takeaways:
Los Angeles County currently has a **2.0% mortality rate**. The estimated infection rate is **1.18** (ideal is <1.0)
Key Takeaways:
The past seven days have seen an average daily increase of 4,329 new cases

The past seven days have seen an average daily increase of 29 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

Prepared by Mayor’s Innovation Team
COVID-19 • CITY + COUNTY + STATE VIEW

New & Total Cases
Key Takeaways:

- An average of 12,532 Cases reported in CA from 11/17 to 11/24 (1.1% increase)

- LA County accounts for 33.2% of cases in CA with an average of 4,329 new cases reported from 11/17 to 11/24 (1.3% increase)

- The City of LA accounts for 13.7% of cases in CA with an average of 1,729 new cases reported from 11/17 to 11/24 (1.2% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 4,329 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.
COVID-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:

- An average of 67 Deaths reported in CA from 11/17 to 11/24 (0.4% increase)

- LA County accounts for 39.9% of deaths in CA with an average of 29 new deaths reported from 11/17 to 11/24 (0.4% increase)

- The City of LA accounts for 16.8% of deaths in CA with an average of 10 new deaths reported from 11/17 to 11/24 (0.3% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 29 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 **2,328,112 tests** have been performed at City of Los Angeles since 3/20

• In LA County overall, at least **3,601,615** have been tested since 3/20

• At least **29,253 tests** were performed on 11/23

• On average, **28,682** tests were performed each day from 11/17 to 11/23

• **147,115** of the 2,277,701 tests for which results were received were positive (6.6%)

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 9.7% \((\text{for individuals tested})\)

LA City’s overall positive rate is currently at 6.6% \((\text{for all tests})\)
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 6.6%.
- The 7-day positivity rose slightly to 8.31% (as of 11/22).

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.

Prepared by Mayor’s Innovation Team
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 11/23 is 9.7%

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 11/17 was 6.1%.

• The 7-day average daily % positive specimen rate as of 11/17 was 6.6%.

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.

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COVID-19 • LOS ANGELES COUNTY

Hospitalizations
Key Takeaways:

- 1,682 currently hospitalized patients, a 6.8% 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

Prepared by Mayor’s Innovation Team

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Key Takeaways:
- At least **28,465** people have been hospitalized since 3/18
- **238 new hospitalizations*** as of 11/23
- An average of **196** people were hospitalized daily due to COVID-19 between 11/16-11/23
- The new 7-day rolling average increased by **53%** 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:
729 total beds

Since last week, there has been a:
• 17.5% increase in available acute care beds. Surge capacity is 11,482
• 29.9% increase in available ICU beds. Surge capacity is 4,067
• 0.3% decrease 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 23 • One-day lag

ICU BEDS

ACUTE CARE BEDS

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

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
Hospital Bed and Equipment Capacity for LA County
As of November 23 • One-day lag

VENTILATORS

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

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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COVID-19 DATA SUMMARY
City Response and Preparedness
### Key Takeaways:
There has been a significant rise in COVID-related calls, which has increased from 2% to 5-6% this week.

<table>
<thead>
<tr>
<th>Date</th>
<th>311 - COVID</th>
<th>311 - Non-COVID</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/17</td>
<td>3,273</td>
<td>103</td>
</tr>
<tr>
<td>11/18</td>
<td>3,197</td>
<td>162</td>
</tr>
<tr>
<td>11/19</td>
<td>2,961</td>
<td>842</td>
</tr>
<tr>
<td>11/20</td>
<td>2,694</td>
<td>808</td>
</tr>
<tr>
<td>11/21</td>
<td>857</td>
<td>694</td>
</tr>
<tr>
<td>11/22</td>
<td>787</td>
<td>97</td>
</tr>
<tr>
<td>11/23</td>
<td>3,189</td>
<td>94</td>
</tr>
</tbody>
</table>

Source: ITA - 311 Contact Center
Prepared by Mayor’s Innovation Team
Key Takeaways:
- **4.8K** new claims from 11/1-11/7, 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%)

• **1,320,491** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020
End of Report
November 24, 2020