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- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
- Testing
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- Mayor’s Office Initiatives
COVID-19 DATA SUMMARY

Data Snapshot
**METRICS**

**As of October 27, 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>10/27</td>
<td>11.0</td>
<td>+8.9%</td>
<td>10/20</td>
<td>10.1</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>10/27</td>
<td>8.0</td>
<td>+5.3%</td>
<td>10/20</td>
<td>7.6</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>10/27</td>
<td>3.7%</td>
<td>+0.3% (Point Difference)</td>
<td>10/20</td>
<td>3.4%</td>
</tr>
</tbody>
</table>

**Health Equity Metric**

*(starting 10/6)*

<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>Health Equity Metric</td>
<td>10/27</td>
<td>6.2%</td>
<td>+0.3% (Point Difference)</td>
<td>10/20</td>
<td>5.9%</td>
</tr>
</tbody>
</table>

**STATE REOPENING METRICS**

**Explanation of metrics from the California Department of Public Health**

**New COVID-19 positive cases per 100K**
7-Day average new positive cases per 100K residents with a 7-day lag

Case rate will be determined using confirmed (by PCR) cases, and will not include state and federal inmate cases. Case rates include an adjustment factor for counties that are testing above the state average. The incidence is adjusted downwards in a graduated fashion, with a maximum adjustment at twice the State average testing rate.

**Positivity Rate**
7-day average of positive lab-confirmed COVID-19 cases divided by total tests with conclusive results with a 7-day lag.

**Health Equity Metric**
On 10/6, the State began to include a third metric to measure health equity. This metric is defined as the test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts (7-day, 7-day lag).

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**CURRENT LOS ANGELES COUNTY RISK LEVEL:** WIDESPREAD
# Key Takeaways:
The following metrics have seen **undesirable** movement over the past seven days for which data are available: New Cases, 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, 7-Day COVID Positive Test Rate (vs baseline), New Hospitalizations, Acute Care Bed Capacity (vs last week), 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 October 23, 2020**

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

## METRICS

<table>
<thead>
<tr>
<th>METRIC</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>1,617 (7-day avg)</td>
<td></td>
<td>+39.2%</td>
<td></td>
<td>+55.0%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>17 (7-day avg)</td>
<td></td>
<td>-14.9%</td>
<td></td>
<td>-66.1%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of 7 days ago)</td>
<td>3.4% (overall)</td>
<td>NO CHANGE</td>
<td></td>
<td></td>
<td>-8.1% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day avg)**</td>
<td>73 (7-day avg)</td>
<td></td>
<td>-11.9%</td>
<td></td>
<td>-53%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day avg)**</td>
<td>663 (7-day avg)</td>
<td></td>
<td>+14.3%</td>
<td></td>
<td>-40.6%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day avg)**</td>
<td>132 (7-day avg)</td>
<td></td>
<td>-5.6%</td>
<td></td>
<td>-45.7%</td>
</tr>
<tr>
<td><strong>LA City Crime</strong> (7-day avg)</td>
<td>454 daily crimes (7-day avg) as of 10/24/2020</td>
<td></td>
<td>-5.2%</td>
<td></td>
<td>-21.8%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims</strong> (includes PUA) baseline = equivalent 2019 week</td>
<td>6,584 as of 10/10/2020</td>
<td></td>
<td>+227.2%</td>
<td></td>
<td>+263%</td>
</tr>
</tbody>
</table>
# LOS ANGELES COUNTY • City Response Highlights • As of October 29, 2020

## COVID-Related Call Themes - 10/28
- Testing
- Business guidelines or reporting violations
- Rent assistance or eviction

## L.A. Testing Updates
- **City Tests (Tests Performed Since Last Report):** 15.6K
- **Available City Testing Capacity Today:** 21.3K
- **City Tests Since 3/20:** 1.9M
- **Total City Sites Available Today:** 8

## Hospitalizations
- **New Hospitalizations:** 82
- **Current Hospitalizations:** 743
- **Total Hospitalizations:** 25.3K

## Beds
- **Total Beds:** 723
- **Acute Care:** 606
- **ICU Beds:** 117
- **Ventilators:** 1,251

## Shelter Occupancy
- **Shelter Occupancy:** 63.8%
- **Tier 1 Housing - Emergency Hotels/Motels Countywide:** 91.4%
- **Tier 2 Housing - Iso. and Quarantine Hotels/Motels Countywide:** 43.7%

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

1. 908.7K cases in California (+4.5K) - 2297 per 100K
   17.5K deaths in California (+75) - 44.2 per 100K

2. 880.0K cases in Texas (+5.6K) - 3065 per 100K
   17.7K deaths in Texas (+105) - 61.7 per 100K

3. 780.2K cases in Florida (+4.0K) - 3663 per 100K
   16.8K deaths in Florida (+66) - 78.8 per 100K

4. 500.7K cases in New York State (+2.0K) - 2562 per 100K
   25.8K deaths in New York State (+15) - 131.9 per 100K

5. 393.8K cases in Illinois (+6.1K) - 3090 per 100K
   9.9K deaths in Illinois (+51) - 77.6 per 100K

Rounding out the top ten are: Georgia, North Carolina, Tennessee, Arizona, New Jersey

California ranks ...
#1 in Cases
#33 in Cases per 100K
#3 in Deaths
#29 in Deaths per 100K
Top 5 per capita (per 100K) cases by County:

**Imperial, California:** 7,164 cases per 100K (12,983 total cases)

**Woodbury, Iowa (Sioux City):** 7,137 cases per 100K (7,359 total cases)

**Potter, Texas (Amarillo):** 6,819 cases per 100K (8,007 total cases)

**Miami-Dade, Florida:** 6,772 cases per 100K (183,996 total cases)

**Yuma, Arizona:** 6,403 cases per 100K (13,689 total cases)

**Los Angeles, California:** 3,022 cases per 100K (303,369 total cases)

Los Angeles County ranks #181 out of 584 counties with 100K+
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York**: 351.7 deaths per 100K (4,988 total deaths)

**Queens, New York**: 323.6 deaths per 100K (7,293 total deaths)

**Kings, New York**: 288.7 deaths per 100K (7,390 total deaths)

**Essex, New Jersey (NYC Metro Area)**: 268.1 deaths per 100K (2,142 total deaths)

**Cameron, Texas**: 255.5 deaths per 100K (1,081 total deaths)

**Los Angeles, California**: 70.1 deaths per 100K (7,040 total deaths)

*Los Angeles County ranks #156 out of 584 counties with 100K+*
COVID-19 DATA SUMMARY
LA County Update
Key Takeaways:
Los Angeles County currently has a **2.3% mortality rate**. The estimated infection rate is 0.95 (ideal is <1.0)

**COVID-19 Los Angeles County Total Cases and Total Deaths, Past 7 Days**
As of October 29, 2020, Noon

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
Key Takeaways:
The past seven days have seen an average daily increase of 1,617 new cases.

The past seven days have seen an average daily increase of 17 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:

- 4,191 cases reported in CA from 10/28 to 10/29 (0.5% increase)

- LA County accounts for 33.4% of cases in CA with 1,745 new cases reported from 10/28 to 10/29 (0.6% increase)

- The City of LA accounts for 13.7% of cases in CA; 656 new cases reported from 10/28 to 10/29 (0.5% increase)

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

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. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

Prepared by Mayor’s Innovation Team
Key Takeaways:
The past seven days have seen an average daily increase of 1,617 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
City + County + State Update
As of October 29, 2020, 12:30 PM

Key Takeaways:
• 66 Deaths reported in CA from 10/28 to 10/29 (0.4% increase)

• LA County accounts for 40.2% of deaths in CA with 19 new deaths reported from 10/28 to 10/29 (0.3% increase)

• The City of LA accounts for 16.9% of deaths in CA; 3 new deaths reported from 10/28 to 10/29 (0.1% 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.
Key Takeaways:
The past seven days have seen an average daily increase of 19 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
Page 19
Key Takeaways:

LA County’s overall positive rate is currently at 9.2% *(for individuals tested)*

LA City’s overall positive rate is currently at 6.3% *(for all tests)*
Key Takeaways:

- **At least 1,856,214 tests** have been performed at City of Los Angeles since 3/20

- In LA County overall, at least **3,077,516** have been tested since 3/20

- **At least 15,599 tests** were performed on 10/28

- On average, **13,511** tests were performed each day from 10/22 to 10/28

- **114,427** of the 1,830,303 tests for which results were received were positive (6.3%)

*Note: Several testing sites were closed over the July 4th holiday weekend*

Source: City of Los Angeles

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*
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 slowly decreasing and is currently at 6.3%.
- The 7-day positivity rate is fell back 5.15% (as of 10/27).

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.
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 10/28 is 9.2%
• The 7-day positive rate as of 10/28 was 8.9%

Note: Los Angeles County reported no new test results/positivity rate on 10/21 due to a connectivity issue with the electronic lab records system

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 people tested as of 10/22 was 9.2%
• The 7-day average daily % positive persons rate as of 10/22 was 8.9%

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.

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.
- 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 10/22 was 5.7%.
- The 7-day average daily % positive specimen rate as of 10/22 was 3.5%.

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.

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

- **743** currently hospitalized patients, a **0.9%** decrease 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
Key Takeaways:
- At least **25,259** people have been hospitalized since 3/18
- **82 new hospitalizations** as of 10/28
- An average of **73** people were hospitalized daily due to COVID-19 between 10/21-10/28
- The new 7-day rolling average decreased by **11.9%** compared to last week's average
Key Takeaways:
723 total beds

Since last week, there has been a:
• 17.7% increase in available acute care beds. Surge capacity is 11,482

• 19.9% decrease in available ICU beds. Surge capacity is 4,067

• 5.2% increase in available ventilators. Surge capacity is 3,199

County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories

(ICC, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)
Hospital Bed and Equipment Capacity for LA County
As of October 28 • One-day lag

**ICU BEDS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Non-COVID Occupied</th>
<th>COVID Person Under Investigation</th>
<th>COVID Occupied</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/22</td>
<td>1,356</td>
<td>203</td>
<td>146</td>
<td>117</td>
</tr>
<tr>
<td>10/23</td>
<td>1,352</td>
<td>197</td>
<td>121</td>
<td>117</td>
</tr>
<tr>
<td>10/24</td>
<td>1,313</td>
<td>191</td>
<td>153</td>
<td>117</td>
</tr>
<tr>
<td>10/25</td>
<td>1,300</td>
<td>193</td>
<td>134</td>
<td>117</td>
</tr>
<tr>
<td>10/26</td>
<td>1,283</td>
<td>189</td>
<td>115</td>
<td>117</td>
</tr>
<tr>
<td>10/27</td>
<td>1,371</td>
<td>182</td>
<td>137</td>
<td>117</td>
</tr>
<tr>
<td>10/28</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ACUTE CARE BEDS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Non-COVID Occupied</th>
<th>COVID Person Under Investigation</th>
<th>COVID Occupied</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/22</td>
<td>10,654</td>
<td>503</td>
<td>515</td>
<td>454</td>
</tr>
<tr>
<td>10/23</td>
<td>10,494</td>
<td>476</td>
<td>576</td>
<td>454</td>
</tr>
<tr>
<td>10/24</td>
<td>10,170</td>
<td>487</td>
<td>683</td>
<td>454</td>
</tr>
<tr>
<td>10/25</td>
<td>9,915</td>
<td>508</td>
<td>734</td>
<td>454</td>
</tr>
<tr>
<td>10/26</td>
<td>9,697</td>
<td>469</td>
<td>709</td>
<td>454</td>
</tr>
<tr>
<td>10/27</td>
<td>10,052</td>
<td>454</td>
<td>606</td>
<td>454</td>
</tr>
</tbody>
</table>

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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HOSPITALIZATIONS

Hospital Bed and Equipment Capacity for LA County
As of October 28 • One-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

Prepared by Mayor’s Innovation Team
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Hotline Services: 311 Calls
As of October 28, 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:

- **6.6K** new claims from 10/4-10/10, 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%)
- 1,301,690 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
Prepared by Mayor’s Innovation Team