INDEX

- Data Snapshot
- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
- Testing
- Hospitalizations
- City Response and Preparedness
- Economic Analysis
**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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### METRICS

**As of October 27, 2020, 1 PM**

<table>
<thead>
<tr>
<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>
</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>
</tr>
<tr>
<td>Positivity Rate</td>
<td>10/27</td>
<td>3.7%</td>
<td>+0.3% (% Point Difference)</td>
<td>10/20</td>
</tr>
<tr>
<td>Health Equity Metric* (starting 10/6)</td>
<td>10/27</td>
<td>6.2%</td>
<td>+0.3% (% Point Difference)</td>
<td>10/20</td>
</tr>
</tbody>
</table>

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

<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>
### LOS ANGELES COUNTY
### KEY METRICS

As of Oct 27, 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>1,762 (7-day avg)</td>
<td>➡️</td>
<td>+86.8%</td>
<td>➡️</td>
<td>+68.9%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>19 (7-day avg)</td>
<td>➡️</td>
<td>-2.9%</td>
<td>➡️</td>
<td>-62.7%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of 7 days ago)</td>
<td>3.4% (overall)</td>
<td>➡️</td>
<td>NO CHANGE</td>
<td>➡️</td>
<td>-8.2%</td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day avg)**</td>
<td>78 (7-day avg)</td>
<td>➡️</td>
<td>-1.8%</td>
<td>➡️</td>
<td>-49.9%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day avg)**</td>
<td>617 (7-day avg)</td>
<td>➡️</td>
<td>+5.8</td>
<td>➡️</td>
<td>-44.8%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day avg)**</td>
<td>134 (7-day avg)</td>
<td>➡️</td>
<td>-3.1%</td>
<td>➡️</td>
<td>-44.9%</td>
</tr>
<tr>
<td><strong>LA City Crime</strong> (7-day avg) baseline = 2019 YTD</td>
<td>452 daily crimes (7-day avg) as of 10/17/2020</td>
<td>➡️</td>
<td>-7.2%</td>
<td>➡️</td>
<td>-22.3%</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>

**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**, **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

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

Prepared by Mayor’s Innovation Team
## LOS ANGELES COUNTY • City Response Highlights • As of October 27, 2020

### LOS ANGELES  |  GLOBAL  |  HOTLINE SERVICES  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1,586 New Cases</td>
<td>456,152 New Cases</td>
<td>63 COVID-related 111 calls</td>
</tr>
<tr>
<td>29 New Deaths</td>
<td>6,541 New Deaths</td>
<td>3,043 Non-COVID related 311 calls</td>
</tr>
<tr>
<td>302,077 Total Cases</td>
<td>43.8M Total Cases</td>
<td>63 Average wait</td>
</tr>
<tr>
<td>7,027 Total Deaths</td>
<td>1.2M Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

### CALIFORNIA  |  UNITED STATES  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3,188 New Cases</td>
<td>70,930 New Cases</td>
</tr>
<tr>
<td>43 New Deaths</td>
<td>777 New Deaths</td>
</tr>
<tr>
<td>904.2K Total Cases</td>
<td>8.7M Total Cases</td>
</tr>
<tr>
<td>17,400 Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

### L.A. TESTING UPDATES  
| City Tests (Tests Performed Since Last Report) | Available City Testing Capacity Today |
| 12.6K  | 21.3K |

### HOSPITALIZATIONS  
<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>755</td>
<td>25.1K</td>
</tr>
</tbody>
</table>

### SHELTER OCCUPANCY  
<table>
<thead>
<tr>
<th>Acute Care</th>
<th>ICU Beds</th>
<th>Ventilators</th>
</tr>
</thead>
<tbody>
<tr>
<td>815</td>
<td>115</td>
<td>1,250</td>
</tr>
<tr>
<td>700</td>
<td>1,250</td>
<td></td>
</tr>
</tbody>
</table>

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

**#1: 904.2K cases in California (+3.2K) - 2285 per 100K**
17.4K deaths in California (+43) - 44.0 per 100K

**#2: 874.4K cases in Texas (+7.3K) - 3046 per 100K**
17.6K deaths in Texas (+81) - 61.3 per 100K

**#3: 776.2K cases in Florida (+4.2K) - 3644 per 100K**
16.7K deaths in Florida (+57) - 78.4 per 100K

**#4: 498.6K cases in New York State (+2.0K) - 2551 per 100K**
25.8K deaths in New York State (+16) - 131.8 per 100K

**#5: 387.7K cases in Illinois (+4.0K) - 3042 per 100K**
9.8K deaths in Illinois (+46) - 77.2 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

Source: Los Angeles County Department of Health, COVID Tracking Project
Top 5 per capita (per 100K) cases by County:

**Imperial, California:** 7,109 cases per 100K
(12,882 total cases)

**Woodbury, Iowa (Sioux City):** 7,029 cases per 100K
(7,247 total cases)

**Miami-Dade, Florida:** 6,718 cases per 100K
(182,523 total cases)

**Potter, Texas (Amarillo):** 6,681 cases per 100K
(7,845 total cases)

**Yuma, Arizona:** 6,383 cases per 100K
(13,646 total cases)

**Los Angeles, California:** 2,994 cases per 100K
(300,614 total cases)

*Los Angeles County ranks #175 out of 584 counties with 100K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of October 26, 2020, 8:00 PM • One-day lag

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

**Bronx, New York: 351.6 deaths** per 100K (4,986 total deaths)

**Queens, New York: 323.5 deaths** per 100K (7,292 total deaths)

**Kings, New York: 288.5 deaths** per 100K (7,385 total deaths)

**Essex, New Jersey (NYC Metro Area): 268.0 deaths** per 100K (2,141 total deaths)

**Cameron, Texas: 254.7 deaths** per 100K (1,078 total deaths)

**Los Angeles, California: 69.7 deaths** per 100K (7,000 total deaths)

Los Angeles County ranks #154 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
Key Takeaways:
Los Angeles County currently has a 2.3% mortality rate. The estimated infection rate is 1.04 (ideal is <1.0)
Key Takeaways:
The past seven days have seen an average daily increase of 1,762 new cases

The past seven days have seen an average daily increase of 19 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:

• 3,188 cases reported in CA from 10/26 to 10/27 (0.4% increase)

• LA County accounts for 33.4% of cases in CA with 1,586 new cases reported from 10/26 to 10/27 (0.5% increase)

• The City of LA accounts for 13.7% of cases in CA; 719 new cases reported from 10/26 to 10/27 (0.6% 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
Page 15
Key Takeaways:
The past seven days have seen an average daily increase of 1,762 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.

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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Page 16
COVID-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:
• 43 Deaths reported in CA from 10/26 to 10/27 (0.2% increase)
• LA County accounts for 40.4% of deaths in CA with 29 new deaths reported from 10/26 to 10/27 (0.4% increase)
• The City of LA accounts for 17% of deaths in CA; 16 new deaths reported from 10/26 to 10/27 (0.5% 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.
**COVID-19 Los Angeles County Total and New Deaths**

As of October 27, 2020, 1:00 PM

**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
COVID-19 • LOS ANGELES COUNTY
Testing
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 6.4% (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.

Prepared by Mayor’s Innovation Team
Page 21
Key Takeaways:
- At least 1,827,211 tests have been performed at City of Los Angeles since 3/20
- In LA County overall, at least 3,046,387 have been tested since 3/20
- At least 12,613 tests were performed on 10/26
- On average, 13,303 tests were performed each day from 10/20 to 10/26
- 113,426 of the 1,805,761 tests for which results were received were positive (6.4%)

Note: Several testing sites were closed over the July 4th holiday weekend
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 6.4%
- The 7-day positivity rate is falling slightly and is now 5.15% (as of 10/25)

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 10/26 is 9.2%.
- The 7-day positive rate as of 10/26 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.

Prepared by Mayor’s Innovation Team
Page 24
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 10/20 was 9.2%
• The 7-day average daily % positive persons rate as of 10/20 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 10/20 was 5.7%

• The 7-day average daily % positive specimen rate as of 10/20 was 3.4%
COVID-19 • LOS ANGELES COUNTY
Hospitalizations
Key Takeaways:
• 755 currently hospitalized patients, a 1.1% 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
Key Takeaways:

- At least 25,101 people have been hospitalized since 3/18
- 65 new hospitalizations* as of 10/26
- An average of 78 people were hospitalized daily due to COVID-19 between 10/19-10/26
- The new 7-day rolling average decreased by 1.8% compared to last week's average

Daily Hospital Admissions, 7-Day Average
As of October 26 • One-day lag

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

*No new hospitalizations update for 7/31

Prepared by Mayor’s Innovation Team
Key Takeaways:
815 total beds
Since last week, there has been a:
• 24.1% increase in available acute care beds. Surge capacity is 11,482
• 17.3% decrease in available ICU beds. Surge capacity is 4,067
• 0.9% increase in available ventilators. Surge capacity is 3,199

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 30
Hospital Bed and Equipment Capacity for LA County
As of October 26 • One-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 October 26 • 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
Page 32
COVID-19 DATA SUMMARY

City Response and Preparedness
Hotline Services: 311 Calls
As of October 26, 2020 • One-day lag

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

Page 34
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
City of LA Sales Tax Revenue
As of July 2020

14.6% decrease compared to last year
• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631

Source: California EDD
Prepared by Mayor’s Innovation Team
Page 38