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- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- Mayor’s Office Initiatives
- 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)

<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>10/20</td>
<td>10.1</td>
<td>+12.2%</td>
<td>10/13</td>
<td>9.0</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>10/20</td>
<td>7.6</td>
<td>No Change</td>
<td>10/13</td>
<td>7.6</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>10/20</td>
<td>3.4%</td>
<td>-0.3% (% Point Difference)</td>
<td>10/13</td>
<td>3.7%</td>
</tr>
<tr>
<td>Health Equity Metric* (starting 10/6)</td>
<td>10/20</td>
<td>5.9%</td>
<td>-0.1% (% Point Difference)</td>
<td>10/13</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

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

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team

Page 4
### LOS ANGELES COUNTY KEY METRICS

As of Oct 22, 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>1,161 (7-day avg)</td>
<td></td>
<td>+4.7%</td>
<td></td>
<td>+11.3%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>20 (7-day avg)</td>
<td></td>
<td>+28.2%</td>
<td></td>
<td>-60.2%</td>
</tr>
<tr>
<td>COVID Cumulative Positive Test Rate</td>
<td>9.3% (overall)</td>
<td></td>
<td>NO CHANGE</td>
<td></td>
<td>-5.4% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>83 (7-day avg)</td>
<td></td>
<td>+9.4%</td>
<td></td>
<td>-46.6%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>580 (7-day avg)</td>
<td></td>
<td>-3.1%</td>
<td></td>
<td>-48.1%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>140 (7-day avg)</td>
<td></td>
<td>+7.2%</td>
<td></td>
<td>-42.5%</td>
</tr>
<tr>
<td>LA City Crime (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>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>2,012 as of 10/3/2020</td>
<td></td>
<td>-82.6%</td>
<td></td>
<td>-1%</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, New Deaths (vs last week),
- New Hospitalizations (vs last week),
- Acute Care Bed Capacity, and ICU Bed Capacity (vs baseline)

The following metrics have seen **desirable** movement over the past seven days: New Deaths (vs baseline), COVID Positive Test Rate (vs baseline), New Hospitalizations (vs baseline), ICU Bed Capacity (vs baseline), LA City Crime, and Unemployment Insurance Claims

*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 21, 2020

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

Prepared by Mayor’s Innovation Team

Page 5
### LOS ANGELES

<table>
<thead>
<tr>
<th>Total Cases</th>
<th>Total Deaths</th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,600</td>
<td>18</td>
<td>443,621</td>
<td>6,293</td>
</tr>
<tr>
<td>294,065</td>
<td>6,956</td>
<td>41.5M</td>
<td>1.1M</td>
</tr>
</tbody>
</table>

### CALIFORNIA

<table>
<thead>
<tr>
<th>Total Cases</th>
<th>Total Deaths</th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,940</td>
<td>162</td>
<td>68,069</td>
<td>1,113</td>
</tr>
<tr>
<td>880.7K</td>
<td>17,189</td>
<td>8.4M</td>
<td>222.7K</td>
</tr>
</tbody>
</table>

### UNITED STATES

<table>
<thead>
<tr>
<th>Total Cases</th>
<th>Total Deaths</th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>2,940</td>
<td>3.2 mins</td>
<td></td>
</tr>
</tbody>
</table>

### COVID RELATED CALL THEMES - 10/21

- Testing
- Parking
- Eviction or Rent assistance

### 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>13.6K</td>
<td>21.3K</td>
<td>1.8M</td>
<td>8</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>90</td>
<td>769</td>
<td>24.5K</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>673</td>
<td>544</td>
<td>129</td>
<td>1,214</td>
</tr>
</tbody>
</table>

### SHELTER OCCUPANCY

<table>
<thead>
<tr>
<th>Tier 1 Housing - Emergency Hotels/Motels Countywide</th>
<th>Tier 2 Housing - Iso. and Quarantine Hotels/Motels Countywide</th>
</tr>
</thead>
<tbody>
<tr>
<td>65%</td>
<td>36.6%</td>
</tr>
</tbody>
</table>

New Los Angeles County case counts for 10/22 are inflated due to data backlogs from 10/20 and 10/21.
COVID-19 DATA SUMMARY

United States Update
California has the most cases and the Midwest remains an epicenter. Recent increases have been concentrated in the midwest. The top five states, based on total cases, include:

#1: 880.7K cases in California (+2.9K) - 2226 per 100K
17.2K deaths in California (+162) - 43.5 per 100K

#2: 845.1K cases in Texas (+6.3K) - 2944 per 100K
17.3K deaths in Texas (+85) - 60.2 per 100K

#3: 768.1K cases in Florida (+7.7K) - 3606 per 100K
16.5K deaths in Florida (+162) - 77.3 per 100K

#4: 490.1K cases in New York State (+1.6K) - 2508 per 100K
25.7K deaths in New York State (+15) - 131.5 per 100K

#5: 363.7K cases in Illinois (+4.9K) - 2854 per 100K
9.6K deaths in Illinois (+42) - 75.7 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
#28 in Deaths per 100K
Top 5 per capita (per 100K) cases by County:

**Imperial, California:** 6,959 cases per 100K (12,610 total cases)

**Woodbury, Iowa (Sioux City):** 6,688 cases per 100K (6,896 total cases)

**Miami-Dade, Florida:** 6,612 cases per 100K (179,644 total cases)

**Potter, Texas (Amarillo):** 6,342 cases per 100K (7,446 total cases)

**Yuma, Arizona:** 6,220 cases per 100K (13,297 total cases)

**Los Angeles, California:** 2,894 cases per 100K (290,486 total cases)

*Los Angeles County ranks #167 out of 584 counties with 100K+

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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: 351.1 deaths** per 100K (4,980 total deaths)

**Queens, New York: 323.4 deaths** per 100K (7,288 total deaths)

**Kings, New York: 288.1 deaths** per 100K (7,374 total deaths)

**Essex, New Jersey (NYC Metro Area): 267.5 deaths** per 100K (2,137 total deaths)

**Cameron, Texas: 252.9 deaths** per 100K (1,070 total deaths)

**Los Angeles, California: 69.2 deaths** per 100K (6,944 total deaths)

Los Angeles County ranks #149 out of 584 counties with 100K+
Key Takeaways:
Los Angeles County currently has a **2.4% 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 1,161 new cases.
The past seven days have seen an average daily increase of 20 new deaths.

LOS ANGELES COUNTY UPDATE

COVID-19 Los Angeles County New Cases and New Deaths, 7-Day Average
As of October 22, 2020, Noon

New Los Angeles County case counts for 10/22 are inflated due to data backlogs from 10/20 and 10/21.

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.

Prepared by Mayor’s Innovation Team
Key Takeaways:
• 2,940 Cases reported in CA from 10/21 to 10/22

• LA County accounts for 33.4% of cases in CA with 3,600 new cases reported from 10/21 to 10/22

• The City of LA accounts for 13.6% of cases in CA; 1,440 new cases reported from 10/21 to 10/22

Case counts from Los Angeles County and city include cases reported from a data backlog as a result of a connectivity issue on 10/20 and 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.
Key Takeaways:
The past seven days have seen an **average daily increase of 1,161 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 are inflated due to data backlogs from 10/20 and 10/21.
Key Takeaways:

- **162** Deaths reported in CA from 10/21 to 10/22

- LA County accounts for **40.5%** of deaths in CA with **18** new deaths reported from 10/21 to 10/22 (**0.3%** increase)

- The City of LA accounts for **17.1%** of deaths in CA; **2** new deaths reported from 10/21 to 10/22 (**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.

Prepared by Mayor’s Innovation Team

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COVID-19 Los Angeles County Total and New Deaths
As of October 22, 2020, 1:00 PM

Key Takeaways:
The past seven days have seen an **average daily increase of 20 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:

LA County’s overall positive rate is currently at 9.3% (for individuals tested)

LA City’s overall positive rate is currently at 6.4% (for all tests)

Positive Test Rate - Los Angeles City vs County
As of October 21, 2020 • Two-day lag

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 1,771,962 tests have been performed at City of Los Angeles since 3/20

- In LA County overall, at least 2,936,763 people have been tested since 3/20

- At least 13,644 tests were performed on 10/21

- On average, 12,445 tests were performed each day from 10/15 to 10/21

- 110,520 of the 1,752,855 tests for which results were received were positive (6.4%)

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.

Prepared by Mayor’s Innovation Team
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 stable and is currently at 6.4%
- The 7-day positivity rate is increasing and is now 5.0% (as of 10/20)

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 10/21 is 9.3%
• The 7-day average daily % positive persons as of 10/21 is 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 10/15 was 9.3%.
- The 7-day average daily % positive persons rate as of 10/15 was 9.2%.

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 10/15 was 5.8%.
- The 7-day average daily % positive specimen rate as of 10/15 was 3.6%.

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.

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES COUNTY
Hospitalizations
Key Takeaways:
• **769** currently hospitalized patients, a **1.0%** 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 24,533 people have been hospitalized since 3/18
- 90 new hospitalizations* as of 10/21
- An average of 83 people were hospitalized daily due to COVID-19 between 10/14-10/21
- The new 7-day rolling average increased by 9.4% compared to last week's average

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:

- **673 total beds**

Since last week, there has been a:

- **4.4% decrease** in available acute care beds. Surge capacity is 11,482
- **20.6% increase** in available ICU beds. Surge capacity is 4,067
- **5.9% increase** in available ventilators. Surge capacity is 3,199

**Hospital Bed and Equipment Capacity for LA County**

As of October 21 • 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

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Hospital Bed and Equipment Capacity for LA County
As of October 21 • One-day lag

**ICU BEDS**
- **Non-COVID Occupied**
- **COVID Person Under Investigation**
- **COVID Occupied**
- **Available**

**ACUTE CARE 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
Hospital Bed and Equipment Capacity for LA County
As of October 21 • One-day lag

HOSPITALIZATIONS

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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COVID-19 DATA SUMMARY

Mayor’s Office Initiatives
Hotline Services: 311 Calls
As of October 21, 2020 • One-day lag

Source: ITA - 311 Contact Center
Prepared by Mayor’s Innovation Team
### Mayor’s Resident Support Initiatives:
#### Safety Net Programs

<table>
<thead>
<tr>
<th>Initiative</th>
<th>DEPTS &amp; PARTNERS</th>
<th>RELIEF</th>
<th>IMPACT</th>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior Meals</strong></td>
<td>• FEMA</td>
<td>• 20,320 seniors have enrolled to receive meals</td>
<td>20,320 individuals continue to receive 10 meals a week from the City</td>
<td>New enrollments to this initiative are on pause due to capacity</td>
</tr>
<tr>
<td>As of May 29, 2020</td>
<td>• LADOA</td>
<td>• 20 restaurants are registered to deliver food so far, in addition to FEMA and Everytable</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Everytable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Local Restaurants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 20,320</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mayor’s Hotline</strong></td>
<td>• Mayor’s Office</td>
<td>• 67 total volunteers answering calls</td>
<td>22,023 calls answered</td>
<td>This program has been closed</td>
</tr>
<tr>
<td>As of May 29, 2020</td>
<td>• Mayor’s Office</td>
<td>• 946 volunteer shifts completed</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Angeleno Card</strong></td>
<td>• Mayor’s Fund for Los Angeles</td>
<td>• 37,813 cards distributed</td>
<td>104,122 individuals served</td>
<td>This program has reached its capacity</td>
</tr>
<tr>
<td>As of June 30, 2020</td>
<td>• Mayor’s Fund for Los Angeles</td>
<td>• $36,724,200 distributed</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:

- **2K** new claims from 9/27-10/3, 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 over the past two weeks of reporting*
Key Takeaways:

- September unemployment (seasonally-adjusted) 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%).

- **1,297,106** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020.

Source: California EDD

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13.1% decrease compared to last year

- Jan to August 2019: $387,780,797
- Jan to August 2020: $336,933,670