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- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- Economic Analysis
COVID-19 DATA SUMMARY
Data Snapshot
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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<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>11/4</td>
<td>12.5</td>
<td>+13.6%</td>
<td>10/27</td>
<td>11.0</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>11/4</td>
<td>7.5</td>
<td>-6.3%</td>
<td>10/27</td>
<td>8.0</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>11/4</td>
<td>4.0%</td>
<td>+0.3%</td>
<td>10/27</td>
<td>3.7%</td>
</tr>
<tr>
<td>Health Equity Metric* (starting 10/6)</td>
<td>11/4</td>
<td>6.8%</td>
<td>+0.6%</td>
<td>10/27</td>
<td>6.2%</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
Key Takeaways:
The following metrics have seen undesirable movement over the past seven days for which data are available:
New Cases (vs baseline), 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 Cases (vs last week), New Deaths, 7-Day COVID Positive Test Rate, 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 October 30, 2020

### 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>New Cases (7-day avg.)</td>
<td>1,536 (7-day avg)</td>
<td></td>
<td>-5.0%</td>
<td>+47.2%</td>
<td></td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>17 (7-day avg)</td>
<td></td>
<td>-2.5%</td>
<td>-66.9%</td>
<td></td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of 7 days ago)</td>
<td>3.5% (overall)</td>
<td></td>
<td>-0.3%</td>
<td>-7.9% COVID+ Test Rate is % Point Difference w/ baseline</td>
<td></td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>83 (7-day avg)</td>
<td></td>
<td>+13%</td>
<td>-46.5%</td>
<td></td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>538 (7-day avg)</td>
<td></td>
<td>-18.8%</td>
<td>-51.8%</td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>113 (7-day avg)</td>
<td></td>
<td>-14.4%</td>
<td>-53.5%</td>
<td></td>
</tr>
<tr>
<td>LA City Crime (7-day avg)</td>
<td>424 daily crimes (7-day avg)</td>
<td></td>
<td>-11.2%</td>
<td>-25.3%</td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>5,105 as of 10/17/2020</td>
<td></td>
<td>-22.5%</td>
<td>+162%</td>
<td></td>
</tr>
</tbody>
</table>
## LOS ANGELES COUNTY • City Response Highlights • As of November 5, 2020

### LOS ANGELES

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases</td>
<td>313,526</td>
<td>48.5M</td>
<td>944.6K</td>
<td>17.3K</td>
</tr>
<tr>
<td>New Deaths</td>
<td>7,117</td>
<td>1.2M</td>
<td>17,815</td>
<td>26.5</td>
</tr>
<tr>
<td>Total Cases</td>
<td>4,566</td>
<td>115,996</td>
<td>9.5M</td>
<td>1.9M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>63</td>
<td>1,184</td>
<td>234.3K</td>
<td>9</td>
</tr>
</tbody>
</table>

### GLOBAL

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases</td>
<td>707,980</td>
<td>9,724</td>
<td>9.5M</td>
<td>9.5M</td>
</tr>
<tr>
<td>New Deaths</td>
<td>9,724</td>
<td>3.310</td>
<td>234.3K</td>
<td>234.3K</td>
</tr>
<tr>
<td>Total Cases</td>
<td>944.6K</td>
<td>115,996</td>
<td>234.3K</td>
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<td>234.3K</td>
</tr>
</tbody>
</table>

### HOTLINE SERVICES

- COVID-related 311 calls: 48
- Non-COVID related 311 calls: 3,310
- Average wait: 3.8 mins

### COVID RELATED CALL THEMES - 11/4

- Testing
- Business guidelines or reporting violations
- Parking, rent assistance

#### L.A. TESTING UPDATES

- City Tests (Tests Performed Since Last Report): 17.3K
- Available City Testing Capacity Today: 26.5
- City Tests Since 3/20: 1.9M
- Total City Sites Available Today: 9

#### HOSPITALIZATIONS

- New Hospitalizations: 90
- Current Hospitalizations: 821
- Total Hospitalizations: 26.2K

#### BEDS

- Total Beds: 749
- Acute Care Beds: 622
- ICU Beds: 127
- Ventilators: 1,316

#### SHELTER OCCUPANCY

- 1 shelter online
- Tier 1 Housing - Emergency Hotels/Motels Countywide: 61.7%
- Tier 2 Housing - Iso. and Quarantine Hotels/Motels Countywide: 90.9%
- Total Shelters Occupancy: 42.0%
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. 944.6K cases in California (+4.6K) - 2387 per 100K
   17.8K deaths in California (+63) - 45.0 per 100K
2. 935.0K cases in Texas (+8.6K) - 3257 per 100K
   18.5K deaths in Texas (+133) - 64.3 per 100K
3. 816.4K cases in Florida (+6.1K) - 3832 per 100K
   17.2K deaths in Florida (+39) - 80.6 per 100K
4. 518.8K cases in New York State (+3.0K) - 2654 per 100K
   25.9K deaths in New York State (+24) - 132.5 per 100K
5. 453.8K cases in Illinois (+9.9K) - 3561 per 100K
   10.3K deaths in Illinois (+97) - 80.9 per 100K

Rounding out the top ten are:
- Georgia
- North Carolina
- Tennessee
- Wisconsin
- Arizona

California ranks ...
- #1 in Cases
- #38 in Cases per 100K
- #3 in Deaths
- #31 in Deaths per 100K

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

- **Woodbury, Iowa (Sioux City):** 7,713 cases per 100K (7,953 total cases)
- **Potter, Texas (Amarillo):** 7,681 cases per 100K (9,019 total cases)
- **Imperial, California:** 7,330 cases per 100K (13,284 total cases)
- **Miami-Dade, Florida:** 6,969 cases per 100K (189,332 total cases)
- **Minnehaha, South Dakota (Sioux Falls):** 6,827 cases per 100K (13,186 total cases)

Los Angeles, California: 3,123 cases per 100K (313,526 total cases)

Los Angeles County ranks #200 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: 352.6 deaths** per 100K (5,001 total deaths)

**Queens, New York: 323.8 deaths** per 100K (7,299 total deaths)

**Kings, New York: 289.6 deaths** per 100K (7,414 total deaths)

**Essex, New Jersey (NYC Metro Area): 269.0 deaths** per 100K (2,149 total deaths)

**Cameron, Texas: 257.1 deaths** per 100K (1,088 total deaths)

**Los Angeles, California: 70.9 deaths** per 100K (7,117 total deaths)

*Los Angeles County ranks #162 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 1.02 (ideal is <1.0).

Source: Los Angeles County Department of Health, COVID Tracking Project
Key Takeaways:
The past seven days have seen an average daily increase of 1,536 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:
- **4,566** Cases reported in CA from 11/4 to 11/5 (0.5% increase)

- LA County accounts for **33.4%** of cases in CA with **2,065** new cases reported from 11/4 to 11/5 (0.7% increase)

- The City of LA accounts for **13.7%** of cases in CA; **932** new cases reported from 11/4 to 11/5 (0.7% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 1,536 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.

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COVID-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:
• 63 Deaths reported in CA from 11/4 to 11/5 (0.4% increase)

• LA County accounts for 40.1% of deaths in CA with 25 new deaths reported from 11/4 to 11/5 (0.4% increase)

• The City of LA accounts for 16.9% of deaths in CA; 7 new deaths reported from 11/4 to 11/5 (0.2% 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.

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Key Takeaways:
The past seven days have seen an average daily increase of 17 new deaths.
COVID-19 • LOS ANGELES COUNTY
Testing
Key Takeaways:

LA County’s overall positive rate is currently at 9.1% (for individuals tested)

LA City’s overall positive rate is currently at 6.3% (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
Key Takeaways:

- **At least 1,944,207 tests** have been performed at City of Los Angeles since 3/20

- In LA County overall, at least **3,200,271** have been tested since 3/20

- **At least 17,332 tests** were performed on 11/4

- On average, **14,542** tests were performed each day from 10/29 to 11/4

- **119,606** of the 1,918,565 tests for which results were received were positive (6.3%)

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

Page 22
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 6.3%
- The 7-day positivity rate rose again to 5.5% (as of 11/3)

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
Page 23
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 11/4 is 9.1%.

- The 7-day positive rate as of 11/2 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.
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 10/29 was 9.2%
• The 7-day average daily % positive persons rate as of 10/29 was 7.3%
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 10/29 was 6.2%
• The 7-day average daily % positive specimen rate as of 10/29 was 3.8%

![County of Los Angeles Tests Daily vs Overall Positivity Rate vs. Seven Day Average Positivity Rate (Specimens) As of October 29, 2020 • One-week lag](image)

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:
- 821 currently hospitalized patients, a 0.5% 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 26,189 people have been hospitalized since 3/18

- **90 new hospitalizations** as of 11/4

- An average of 83 people were hospitalized daily due to COVID-19 between 10/28-11/04

- The new 7-day rolling average increased by 13% 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

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**Key Takeaways:**

- **749 total beds**

- Since last week, there has been a:
  - **7.4% increase** in available acute care beds. Surge capacity is 11,482
  - **23.3% increase** in available ICU beds. Surge capacity is 4,067
  - **8.4% increase** in available ventilators. Surge capacity is 3,199

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**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*

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**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 4 • One-day lag

HOSPITALIZATIONS

ICU BEDS

ACUTE CARE BEDS

Total - 2,5k

Total - 17k

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 4 • One-day lag

This is self-reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

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

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY

City Response and Preparedness
Hotline Services: 311 Calls
As of November 4, 2020 • One-day lag

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

[Bar chart showing call volumes from 10/29 to 11/4, with COVID and Non-COVID categories]

311 - COVID
311 - Non-COVID
COVID-19 • Los Angeles City Overview
Economic Analysis
Key Takeaways:
• **5.1K** new claims from 10/11-10/17, 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

Source: California EDD
Prepared by Mayor’s Innovation Team
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%).
- 1,306,795 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

1. January 2019: $54.87M, 2020: $47.55M (22.5% increase)
2. February 2019: $67.24M, 2020: $42.99M (-22.5% decrease)
3. March 2019: $45.28M, 2020: $37.40M (-17.4% decrease)
4. April 2019: $47.92M, 2020: $23.78M (-50.4% decrease)
5. May 2019: $44.55M, 2020: $38.73M (-13.1% decrease)
6. June 2019: $52.61M, 2020: $48.03M (-8.6% decrease)