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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
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.

As of 11/23, LA County has reached the second threshold.

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*
(staring 10/6)

<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>11/16</td>
<td>20.6</td>
<td>+79.1%</td>
<td>11/10</td>
<td>11.5</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>11/16</td>
<td>13.7</td>
<td>+80.3%</td>
<td>11/10</td>
<td>7.6</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>11/16</td>
<td>5.3%</td>
<td>+1.5% (° Point Difference)</td>
<td>11/10</td>
<td>3.8%</td>
</tr>
<tr>
<td>Health Equity Metric*</td>
<td>11/16</td>
<td>6.5%</td>
<td>NO CHANGE (° Point Difference)</td>
<td>11/10</td>
<td>6.5%</td>
</tr>
</tbody>
</table>

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team Page 5
<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>4,130 (7-day avg)</td>
<td></td>
<td>+51.2%</td>
<td></td>
<td>+296.0%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>25 (7-day avg)</td>
<td></td>
<td>+58.6%</td>
<td></td>
<td>-50.3%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of 2 days ago)</td>
<td>7.0% (overall)</td>
<td></td>
<td>+1.2%</td>
<td></td>
<td>-4.6%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)*</td>
<td>135 (7-day avg)</td>
<td></td>
<td>+10%</td>
<td></td>
<td>-13.2%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>545 (7-day avg)</td>
<td></td>
<td>-9.7%</td>
<td></td>
<td>-51.2%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>116 (7-day avg)</td>
<td></td>
<td>-12.9%</td>
<td></td>
<td>-52.2%</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></td>
<td>-13.4%</td>
<td></td>
<td>-30.1%</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></td>
<td>+10.9%</td>
<td></td>
<td>+197%</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), 7-Day COVID Positive Test Rate (vs last week), New Hospitalizations (vs last week), Acute Care Bed Capacity, 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), New Hospitalizations (vs baseline), 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**

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
Page 6
# LOS ANGELES COUNTY • City Response Highlights • As of November 23, 2020

<table>
<thead>
<tr>
<th>Los Angeles</th>
<th>Global</th>
<th>Hotline Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong></td>
<td>6,124</td>
<td>511,781</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total Cases</strong></td>
<td>370,636</td>
<td>59M</td>
</tr>
<tr>
<td></td>
<td>7446</td>
<td>1.4M</td>
</tr>
</tbody>
</table>

**COVID-Related Call Themes - 11/20-11/22**
- Testing
- Curfew questions
- Rent help
- Reporting violations

<table>
<thead>
<tr>
<th>California</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong></td>
<td>8,337</td>
</tr>
<tr>
<td></td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Cases</strong></td>
<td>1.11M</td>
</tr>
<tr>
<td></td>
<td>18,726</td>
</tr>
</tbody>
</table>

**L.A. Testing Updates**
- City Tests: 58.4K (Tests Performed Since Last Report)
- Available City Testing Capacity Today: 33K
- City Tests Since 3/20: 2.3M
- Total City Sites Available Today: 9

**Hospitalizations**
- New Hospitalizations: 43
- Current Hospitalizations: 1,575
- Total Hospitalizations: 28.3K

**Beds**
- Total Beds: 821
- Acute Care: 682
- ICU Beds: 139
- Ventilators: 1,253

Sources: Los Angeles County Department of Health, HAveBED, City of Los Angeles, Johns Hopkins University

Prepared by Mayor's Innovation Team
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. 1,110.4k cases in California (+8.3k) - 2807 per 100K
   18.7k deaths in California (+50) - 47.3 per 100K

2. 1,101.0k cases in Texas (+6.7k) - 3835 per 100K
   20.6k deaths in Texas (+32) - 71.7 per 100K

3. 930.7k cases in Florida (+6.1k) - 4369 per 100K
   18.3k deaths in Florida (+96) - 86.0 per 100K

4. 664.6k cases in Illinois (+8.3k) - 5216 per 100K
   12.1k deaths in Illinois (+61) - 95.1 per 100K

5. 602.1k cases in New York State (+5.9k) - 3081 per 100K
   26.4k deaths in New York State (+33) - 135.0 per 100K

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

California ranks...

#1 in Cases
#42 in Cases per 100K

#3 in Deaths
#36 in Deaths per 100K
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: 341.0K cases in Michigan (+11.9K) - **3411** per 100K
8.9K deaths in Michigan (+65) - **89.4** per 100K

#2: 363.3K cases in Ohio (+11.9K) - **3107** per 100K
6.0K deaths in Ohio (+24) - **51.5** per 100K

#3: 1,110.4K cases in California (+8.3K) - **2807** per 100K
18.7K deaths in California (+50) - **47.3** per 100K

#4: 664.6K cases in Illinois (+8.3K) - **5216** per 100K
12.1K deaths in Illinois (+61) - **95.1** per 100K

#5: 142.1K cases in Kansas (+7.5K) - **4879** per 100K
1.5K deaths in Kansas (+46) - **50.0** per 100K

Rounding out the top ten are: Texas, Minnesota, Florida, New York State, and Indiana

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

#3 in Deaths
#36 in Deaths per 100K

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

- **Potter, Texas (Amarillo):** 9,812 cases per 100K (11,521 total cases)
- **Minnehaha, South Dakota (Sioux Falls):** 9,703 cases per 100K (18,739 total cases)
- **El Paso, Texas:** 9,673 cases per 100K (81,179 total cases)
- **Woodbury, Iowa (Sioux City):** 9,573 cases per 100K (9,870 total cases)
- **Lubbock, Texas:** 9,136 cases per 100K (28,375 total cases)

**Los Angeles, California: 3,631 cases** per 100K (364,520 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
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of November 22, 2020, 8:00 PM • One-day lag

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

**Bronx, New York: 354.9 deaths** per 100K
(5,033 total deaths)

**Queens, New York: 325.6 deaths** per 100K
(7,338 total deaths)

**Kings, New York: 292.2 deaths** per 100K
(7,481 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: 74.1 deaths** per 100K
(7,438 total deaths)

*Los Angeles County ranks #197 out of 584 counties with 100K+*
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 4,130 new cases

The past seven days have seen an average daily increase of 25 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

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COVID Cases and Death Demographics
As of November 19, 2020 • Four-day lag

Key Takeaways:
- Data is incomplete with 33.8% of cases and 0.2% of deaths still under investigation
- People aged 18-29 and 30-49, and Hispanic/Latino Americans are overrepresented in cases
- Seniors, Men, Hispanic/Latino, and Black Americans overrepresented in deaths
- 6,917 out of 7,396 deaths had comorbidities (underlying conditions) (93.5%)

Los Angeles County Update
Source: Los Angeles County Department of Public Health, US Census Bureau
*Department of Public Health category Under Investigation or Not Otherwise Listed filtered out of analysis Approximations are made on Census data to accommodate county age buckets. Percentage of cases and deaths under investigation is based on the race category

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Key Takeaways:
From 5/1 to 11/19

- Hispanic/Latino share increased by 13%
- White share decreased by 5.6%
- Asian share decreased by 4.4%
- Black share decreased by 2.8%
- Other Races share decreased by 0.2%
- Native Hawaiian/Pacific Islander share decreased by 0.2%
- American Indian/Alaska Native share increased by 0.1%
Note: From 7/27, the age categories 18 to 40 and 41 to 65 were broken down into the following categories:
- 18 to 29
- 30 to 49
- 50 to 64

Data on age demographic is missing between 7/22-7/26 as a result of this change.
Note: From 7/27, the age categories 18 to 40 and 41 to 65 were broken down into the following categories:

- 18 to 29
- 30 to 49
- 50 to 64

Data on age demographic is missing between 7/22-7/26 as a result of this change.
COVID-19 • CITY + COUNTY + STATE VIEW
New & Total Cases
Key Takeaways:
• An average of 11,590 Cases reported in CA from 11/16 to 11/23 (1.1% increase)

• LA County accounts for 33.4% of cases in CA with an average of 4,130 new cases reported from 11/16 to 11/23 (1.2% increase)

• The City of LA accounts for 13.7% of cases in CA with an average of 1,688 new cases reported from 11/16 to 11/23 (1.2% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 4,130 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 66 Deaths reported in CA from 11/16 to 11/23 (0.4% increase)

- LA County accounts for 39.8% of deaths in CA with an average of 25 new deaths reported from 11/16 to 11/23 (0.3% increase)

- The City of LA accounts for 16.7% of deaths in CA with an average of 10 new deaths reported from 11/16 to 11/23 (0.3% 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

CA's new deaths/total for 11/13 do not include Los Angeles County
Key Takeaways:
The past seven days have seen an average daily increase of 25 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 2,298,844 tests have been performed at City of Los Angeles since 3/20

• In LA County overall, at least 3,582,843 have been tested since 3/20

• At least 1,124 tests were performed on 11/22

• On average, 28,045 tests were performed each day from 11/16 to 11/22

• 146,234 of the 2,263,384 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 9.5% (for individuals tested)

LA City’s overall positive rate is currently at 6.6% (for all tests)
City of Los Angeles* Tests vs Positive Rate
As of November 22, 2020 • One-day lag (for cumulative)/Two-day lag (for 7-day)

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 fell to 8.3% (as of 11/21)

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 11/22 is 9.6%.

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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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 11/16 was 6.1%
• The 7-day average daily % positive specimen rate as of 11/16 was 6.4%

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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Key Takeaways:

In this past week, positive testing rate increased for all age groups

Current Positive Rates by Age Group

- **13%** for ages 0-17
- **7.9%** for ages 18-29
- **7.4%** for ages 30-49
- **8.9%** for ages 50-64
- **8.5%** for ages 65+

Weekly City Positive Testing by Age

June 23 to November 20 • Three-day lag

Source: Healthvana

Prepared by Mayor’s Innovation Team
Key Takeaways:
Positive testing rates increased for asymptomatic people this past week

- Individuals experiencing symptoms are testing positive at a rate of 13.3%
- Individuals not experiencing symptoms are testing positive at a rate of 5.3%
- Last week’s overall positive rate for symptomatic and asymptomatic individuals is 8.3%*

Note: A very small portion of test results from 9/23 to 10/23 included symptom-type

Source: Healthvana
*Overall positive rate only (not cumulative) only includes data results with complete symptomatic/asymptomatic information

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Key Takeaways:
Positive Testing Rates from 11/14 to 11/20*

- Hispanic/Latino—13.8%
- American Indian/Alaska Native—9%
- Black—5.1%
- Native Hawaiian/Pacific Islander—5.3%
- White—3.7%
- Asian—3.7%
- Overall Positive Rate: 8.2%

Weekly City Positive Testing by Race
June 23 to November 20• Three-day lag

Source: Healthvana
*Only data with complete race/ethnicity information was included

Prepared by Mayor’s Innovation Team
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**Key Takeaways:**
Positive Testing Rates from 6/23 to 11/20

- Hispanic/Latino—**12.0%**
- White—**2.4%**
- Asian—**2.2%**
- Black—**3.9%**
- Other—**7.0%**
- Native Hawaiian/Pacific Islander—**3.8%**
- American Indian/Alaska Native—**8.3%**
- Multi-racial—**2.4%**

- Overall Positive Rate: **7.0%**

Source: Healthvana
*Only data with complete race/ethnicity information was included*

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

- 1,575 currently hospitalized patients, a 6.3% 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

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Key Takeaways:

- At least 28,326 people have been hospitalized since 3/18

- 43 new hospitalizations* as of 11/22

- An average of 135 people were hospitalized daily due to COVID-19 between 11/15-11/22

- The new 7-day rolling average increased by 10% compared to last week’s average

*There has been a significant lag from the source of this data. The estimates from 11/17 to 11/22 are based on an alternate source.

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

*No new hospitalizations update for 7/31

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Key Takeaways from 11/17:
610 total beds

Since last week, there has been a:
- **12.8% decrease** in available acute care beds. Surge capacity is 11,482
- **6.7% decrease** in available ICU beds. Surge capacity is 4,067
- **3.1% decrease** in available ventilators. Surge capacity is 3,199

There has been significant lag from the source of this data. Current estimates based on an alternate source are:
- **682** Acute Care Beds Available
- **139** ICU Beds Available

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

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There has been significant lag from the source of this data. Current estimates based on an alternate source are:

- 682 Acute Care Beds Available
- 139 ICU Beds Available

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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There has been significant lag from the source of this data. Current estimates based on an alternate source are:
- **1253** Ventilators Available

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*
COVID-19 DATA SUMMARY
City Response and Preparedness
Hotline Services: 311 Calls
As of November 22, 2020 • One-day lag

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

New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of November 7, 2020

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%)

• 1,320,491 total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020