DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 250
Wednesday November 18, 2020

Prepared by
City of Los Angeles, Mayor Garcetti's Innovation Team
INDEX

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- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- Mayor’s Office Initiatives
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COVID-19 Highlights
Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of November 18, 2020

Pfizer says that its coronavirus vaccine is safe and 95% effective and that it will seek regulatory review within days

Los Angeles Times
California breaks single-day record for new COVID-19 cases amid sweeping new restrictions

THE WALL STREET JOURNAL
U.S. | NEW YORK | SCHOOLS
New York City Public Schools to Close Thursday, Mayor Says
City's rate of Covid-19 cases rises above 3% threshold for shutting schools

Los Angeles Times
FDA allows first rapid virus test that gives results at home

Early Data Show Moderna’s Coronavirus Vaccine Is 94.5% Effective
Moderna is the second company to report preliminary results from a large trial testing a vaccine. But there are still months to go before it will be widely available to the public.
KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County is increasing.

• The estimated transmission number (“R”) is 1.18 with an uncertainty of 1.10 to 1.27. Last week the estimate was 1.03 with an uncertainty of 0.97 to 1.09. If R is above 1 the number of cases will increase over time.

• Based on the current estimate for R, and assuming no change in behavior, it is likely that the number of cases will go up rapidly. Shortages in the number of hospital beds and ICU beds are likely over the next 2 to 4 weeks. The number of ventilators Los Angeles County are likely adequate over the next 4 weeks.

• The model suggests that about 1 in 6 Los Angeles County residents have had COVID-19.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?

The model suggest that about 0.40% of everyone in Los Angeles County is currently infected and infectious to others (uncertainty of 0.26% to 0.60%).

This suggests about 1 in 250 Los Angeles County residents are currently infectious to others (uncertainty between 1 in 390 and 1 in 170). Last week this estimate was 1 in 580.

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

Effective Transmission Number “R”
As of November 16, 2020

Note: We have adjusted the R that we present to account for the fraction of the population that is presumed to be immune to reinfection. At the beginning of the pandemic, this fraction was essentially zero so this would not have made any difference. But as more people have been infected, and are presumed to have immunity, we are presenting an R that includes this factor.
Hospital New Patient Projections: From Last Week
As of November 9, 2020

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 8
LOS ANGELES COUNTY
PROJECTIONS

Hospital New Patient Projections
As of November 16, 2020

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 9
Predictions of Demand in LA County | Hospital Beds
As of November 16, 2020

Bed Capacity for COVID-19 Patients

Where we are today

Uncertainty with no change in R

Additional uncertainty if R varies

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 10
Predictions of Demand in LA County | ICU Beds
As of November 16, 2020

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 11
Predictions of Demand in LA County | Ventilators
As of November 16, 2020

Ventilator Availability for COVID-19 Patients

Additional uncertainty if R varies

Uncertainty with no change in R

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 12
Predictions of Daily Mortality LA County
As of November 16, 2020

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
Page 13
The transmission of COVID-19 in Los Angeles County is changing over time, with different patterns in different geographic areas.

More detailed geographical analysis is required to identify specific communities needing additional support in identifying cases and limiting spread.
If transmission....

Maintained at Current Levels

- 48% (uncertainty 33% to 60%)

Increases by ½ above Current Levels

- 80% (uncertainty 74% to 86%)

Increases to Pre-order Levels

- 79% (uncertainty 76% to 82%)

... of LA County residents will have been infected by March 31, 2021 *

*(This includes adults and children)
What about Influenza?
As of November 16, 2020

- Daily hospital admissions for COVID-19
- Hospital bed utilization for COVID-19

- We have not yet seen significant influenza activity in Los Angeles County. The usual seasonal increase in utilization of hospital beds from influenza-associated illnesses is shown here. Influenza-associated illnesses typically lead to a demand for hospital beds similar to the current demand for patients with COVID-19. These estimates will be updated when influenza activity is detected.

- Typical daily hospital admissions for influenza-associated illnesses
- Typical hospital census of patients with influenza-associated illnesses

Source: Los Angeles County Department of Health
Prepared by Mayor’s Innovation Team
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Hospital Admissions are a Decreasing Fraction of New Cases
As of November 16, 2020
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*
(starting 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><strong>New COVID-19 positive cases per 100K</strong></td>
<td>11/16</td>
<td>20.6</td>
<td>+79.1%</td>
<td>11/10</td>
<td>11.5</td>
</tr>
<tr>
<td><strong>Adjusted case rate for tier assignment</strong></td>
<td>11/16</td>
<td>13.7</td>
<td>+80.3%</td>
<td>11/10</td>
<td>7.6</td>
</tr>
<tr>
<td><strong>Positivity Rate</strong></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><strong>Health Equity Metric</strong></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>

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### County risk level

- **WIDESPREAD**
  - Many non-essential indoor business operations are closed
  - More than 7 daily new cases (per 100k)
  - More than 8% positive tests
- **SUBSTANTIAL**
  - Some non-essential indoor business operations are closed
  - 4 - 7 daily new cases (per 100k)
  - 5 - 8% positive tests
- **MODERATE**
  - Some indoor business operations are open with modifications
  - 1 - 3.9 daily new cases (per 100k)
  - 2 - 4.9% positive tests
- **MINIMAL**
  - Most indoor business operations are open with modifications
  - Less than 1 daily new cases (per 100k)
  - Less than 2% positive tests

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### CURRENT LOS ANGELES COUNTY RISK LEVEL: WIDESPREAD

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, 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 (vs baseline)**

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), 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 11/17/20**

## METRICS

**As of Nov 18, 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>2,985 (7-day avg)</td>
<td>→</td>
<td>+41.9%</td>
<td>→</td>
<td>+186.2%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>18 (7-day avg)</td>
<td>→</td>
<td>+6.8%</td>
<td>→</td>
<td>-64.7%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of 2 days ago)</td>
<td>6% (overall)</td>
<td>→</td>
<td>+0.9%</td>
<td>→</td>
<td>-5.6%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>136 (7-day avg)</td>
<td>→</td>
<td>+46%</td>
<td>→</td>
<td>-12.3%</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>4,284 as of 10/31/2020</td>
<td>→</td>
<td>-8.1%</td>
<td>→</td>
<td>+116%</td>
</tr>
</tbody>
</table>

Source: Los Angeles County Department of Health, COVID Tracking Project  
Prepared by Mayor’s Innovation Team
### Los Angeles

<table>
<thead>
<tr>
<th></th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3,944</strong></td>
<td>36</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>348,336</strong></td>
<td>7335</td>
<td>56M</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9,811</strong></td>
<td>61</td>
<td>157,723</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>New Cases</th>
<th>New Deaths</th>
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<tbody>
<tr>
<td><strong>1.05M</strong></td>
<td>18,360</td>
<td>11.4M</td>
</tr>
</tbody>
</table>

### Global

<table>
<thead>
<tr>
<th></th>
<th>New Cases</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>656,695</strong></td>
<td>12,658</td>
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<td><strong>11.4M</strong></td>
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### Hotline Services

<p>| | | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>143</strong></td>
<td></td>
<td>COVID-related 311 calls</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Non-COVID related 311 calls</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>3,273</strong></td>
<td></td>
<td>Average wait</td>
<td></td>
</tr>
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</table>

### COVID Related Call Themes - 11/17

- Testing
- Rent help
- Reporting violations

### California

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### United States

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<td>249.5K</td>
<td></td>
</tr>
</tbody>
</table>

### L.A. Testing Updates

<table>
<thead>
<tr>
<th></th>
<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><strong>26.9K</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hospitalizations

<table>
<thead>
<tr>
<th></th>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>164</strong></td>
<td></td>
<td>1,238</td>
<td>28K</td>
</tr>
</tbody>
</table>

### Beds

<table>
<thead>
<tr>
<th></th>
<th>Total Beds</th>
<th>Acute Care</th>
<th>ICU Beds</th>
<th>Ventilators</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>610</strong></td>
<td>513</td>
<td>97</td>
<td>1,206</td>
<td></td>
</tr>
</tbody>
</table>

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

Prepared by Mayor’s Innovation Team

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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 overall cases include:

#1: 1,048.4K cases in Texas (+8.9K) - 3652 per 100K
19.9K deaths in Texas (+187) - 69.3 per 100K

#2: 1,047.8K cases in California (+9.8K) - 2648 per 100K
18.4K deaths in California (+61) - 46.4 per 100K

#3: 892.4K cases in Florida (+7.7K) - 4189 per 100K
17.9K deaths in Florida (+88) - 84.3 per 100K

#4: 606.8K cases in Illinois (+8.9K) - 4762 per 100K
11.5K deaths in Illinois (+151) - 90.0 per 100K

#5: 574.1K cases in New York State (+5.3K) - 2937 per 100K
26.2K deaths in New York State (+36) - 134.2 per 100K

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

California ranks ...
#2 in Cases
#42 in Cases per 100K
#3 in Deaths
#34 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
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 new cases since yesterday, include:

#1: 1,047.8K cases in California (+9.8K) - 2648 per 100K 
18.4K deaths in California (+61) - 46.4 per 100K

#2: 606.8K cases in Illinois (+8.9K) - 4762 per 100K 
11.5K deaths in Illinois (+151) - 90.0 per 100K

#3: 1,048.4K cases in Texas (+8.9K) - 3652 per 100K 
19.9K deaths in Texas (+187) - 69.3 per 100K

#4: 350.7K cases in Wisconsin (+8.5K) - 6031 per 100K 
2.9K deaths in Wisconsin (+58) - 50.3 per 100K

#5: 892.4K cases in Florida (+7.7K) - 4189 per 100K 
17.9K deaths in Florida (+88) - 84.3 per 100K

Rounding out the top ten are: Ohio, Pennsylvania, Michigan, Indiana, and Kansas

California ranks ...
#2 in Cases 
#42 in Cases per 100K 
#3 in Deaths 
#34 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
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Top 5 per capita (per 100K) cases by County:

Potter, Texas (Amarillo): 9,256 cases per 100K (10,868 total cases)

Woodbury, Iowa (Sioux City): 9,080 cases per 100K (9,362 total cases)

El Paso, Texas: 9,065 cases per 100K (76,075 total cases)

Minnehaha, South Dakota (Sioux Falls): 9,036 cases per 100K (17,452 total cases)

Lubbock, Texas: 8,418 cases per 100K (26,145 total cases)

Los Angeles, California: 3,432 cases per 100K (344,523 total cases)

Los Angeles County ranks #253 out of 584 counties with 100K+
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York:** 354.1 deaths per 100K (5,022 total deaths)

**Queens, New York:** 324.9 deaths per 100K (7,323 total deaths)

**Kings, New York:** 291.2 deaths per 100K (7,455 total deaths)

**Essex, New Jersey (NYC Metro Area):** 273.5 deaths per 100K (2,185 total deaths)

**Cameron, Texas:** 259.9 deaths per 100K (1,100 total deaths)

**Los Angeles, California:** 72.7 deaths per 100K (7,299 total deaths)

*Los Angeles County ranks #183 out of 584 counties with 100K*
Key Takeaways:
Los Angeles County currently has a **2.1% 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 2,985 new cases.

The past seven days have seen an average daily increase of 18 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.
Key Takeaways:
• As of November 17, there are outbreaks at 166 non-residential locations in Los Angeles with at least three cases for a total of 2,101 confirmed cases
• The largest new outbreaks have identified at the following locations:
  - Airnamic, Inc. in Glendale - 25 confirmed cases
  - Toyota of Culver City - 23 confirmed cases
  - WebCor General Contractor in Los Angeles - 12 confirmed cases
  - Amazon DPS1 in El Monte - 10 confirmed cases
  - The MS Rouse Company in Rancho Dominguez - 10 confirmed cases

Source: Los Angeles County Department of Health
Note: the outbreak list includes Los Angeles County non-residential settings that meet the criteria of (1) five or more laboratory-confirmed COVID-19 cases or symptomatic persons with at least 1 laboratory-confirmed COVID-19 case at a worksite, or (2) three or more laboratory-confirmed COVID-19 cases or symptomatic persons with at least 1 laboratory-confirmed COVID-19 case at a setting with vulnerable clients
Key Takeaways:
- Data is incomplete with 34.4% 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.
- 6,802 out of 7,269 deaths had comorbidities (underlying conditions) (93.6%).

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.
Key Takeaways:
From 5/1 to 11/14

- Hispanic/Latino share **increased by 13%**
- White share **decreased by 5.5%**
- Asian share **decreased by 4.4%**
- Black share **decreased by 2.7%**
- 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.

Source: Los Angeles County Department of Health

*Missing cases/deaths data by demographic from 7/22-7/26

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Key Takeaways:

- An average of 9,015 Cases reported in CA from 11/11 to 11/18 (0.9% increase)

- LA County accounts for 33.2% of cases in CA with an average of 2,985 new cases reported from 11/11 to 11/18 (0.9% increase)

- The City of LA accounts for 13.7% of cases in CA with an average of 1,234 new cases reported from 11/11 to 11/18 (0.9% increase)
Key Takeaways:
The past seven days have seen an average daily increase of 2,985 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.

CASES

COVID-19 Los Angeles County Total and New Cases
As of November 18, 2020, 1:00 PM

Source: Los Angeles County Department of Public 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. 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-19 • LOS ANGELES COUNTY

New & Total Deaths
Key Takeaways:

• An average of 41 Deaths reported in CA from 11/11 to 11/18 (0.2% increase)

• LA County accounts for 40% of deaths in CA with an average of 18 new deaths reported from 11/11 to 11/18 (0.2% increase)

• The City of LA accounts for 16.9% of deaths in CA with an average of 9 new deaths reported from 11/11 to 11/18 (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 18 new deaths*.
Key Takeaways:

- At least **2,181,001 tests** have been performed at City of Los Angeles since 3/20

- In LA County overall, at least **3,443,875** have been tested since 3/20

- At least **26,852 tests** were performed on 11/17

- On average, **23,964 tests** were performed each day from 11/11 to 11/17

- **136,138** of the 2,136,975 tests for which results were received were positive (6.5%)
Key Takeaways:

LA County’s overall positive rate is currently at 9.4% (for individuals tested)

LA City’s overall positive rate is currently at 6.5% (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.
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 6.5%.
- The 7-day positivity continues to rise and is at 7.95% (as of 11/16).

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.

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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.
- The overall cumulative % positive persons tested as of 11/17 is 9.4%.

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.
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 11/11 was 6.1%

• The 7-day average daily % positive specimen rate as of 11/1 was 5.5%

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.
COVID-19 • LOS ANGELES COUNTY

Hospitalizations
Key Takeaways:

1,238 currently hospitalized patients, a 4.2% 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
Key Takeaways:

• At least 27,979 people have been hospitalized since 3/18

• 164 new hospitalizations* as of 11/17

• An average of 136 people were hospitalized daily due to COVID-19 between 11/10-11/17

• The new 7-day rolling average increased by 46% compared to last week's average

---

*No new hospitalizations update for 7/31

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

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Key Takeaways:

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

Hospital Bed and Equipment Capacity for LA County
As of November 17 • One-day lag

Acute Care Beds
ICU Beds
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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Hospital Bed and Equipment Capacity for LA County
As of November 17 • 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

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Hospital Bed and Equipment Capacity for LA County
As of November 17 • 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

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N95 Mask Stock: First Responders*
As of November 18, 2020

Key Takeaways:

- Current mask stock is **499,806**
- The stock of masks increased **22.6%** from last week
- The projected 3-month need is **660,765**
- The projected 6-month need is **1,387,607**

Source: Los Angeles EOC

* Includes LAFD, LAPD, RAP/Shelter Staff, Harbor, Personnel, GSD, Street Services, GSD, LAWA, ITA, DOT, Aging.
** The burn rate for LAFD decreased due to revised standards for reuse. LAPD burn rate = 1000/day; LAFD = 1500/day; LAWA=1875/day.
*** The six-month need is more than double the three-month need because departments estimate that their burn rate may increase with time.
COVID-19
LA County School Reopening Status
Beginning September 14, 2020, K-12 schools in Los Angeles County were allowed a limited number of high-need students to return to campus for specialized support and services.

On October 27, 2020, the threshold was updated to modify the proportion of students who may receive specialized services on campus at any one time. All schools may have up to 25% of full student capacity on campus at one time. Following are the key numbers of schools and services, currently available.

For specialized in-person services
- 1,604 schools have been approved. In total, this affects
  - 78,791 students
  - 31,780 staff

Charter/private/public breakdown
- 72.8% of the schools with in-person services are public schools
- 15.6% are charter schools
- 11.6% are private schools

Source: INSTRUCTIONS FOR COMPLETING K-12 SPECIALIZED SERVICES NOTIFICATION FORM; Reopening Protocols for K-12 Schools: Appendix T1; MAP: Services Notification Form Submissions
Special Need Waivers: TK-2 Schools Granted Opening Waivers
As of November 13, 2020

Each week, Los Angeles County will grant waivers for up to **50 schools** to conduct limited specialized services and assessments for high need students

- Schools which qualify for free/reduced lunch are prioritized
- DPH reopening protocol must be met with cleaning, infection control, distancing, etc.
- DPH staff will visit all schools to provide technical assistance

On **October 27, 2020**, the policy was modified, allowing schools to have up to 25% of full student capacity on campus at one time.

As of November 13, **147 schools** have received approval.

**48 Schools are within the City of Los Angeles**

Source: [Reopening Protocols for K-12 Schools; Appendix T1](#); [MAP: LA County COVID-19 School Waivers](#)
COVID-19 DATA SUMMARY

Flu Vaccines
Key Takeaways:

- At least 3,169 flu vaccines have been performed at City of Los Angeles since 9/22.

- This week, flu vaccines will be offered at the following locations:

  **Open every Mon-Sat:**
  - Hansen Dam Rec Center
    11798 Foothill Blvd.
    Lake View Terrace, 91342
  - West Valley/Warner Center
    6097 Canoga Ave.
    Woodland Hills, 91367

  **Open Tues, Wed, and Sat:**
  - Lincoln Park
    3501 Valley Blvd.
    Los Angeles, 90031

  **Sat 11/21:**
  - LA Christian Presbyterian
    2241 N. Eastern Ave.
    Los Angeles, 90032

---

**City of Los Angeles Daily Flu Vaccines Conducted**

As of November 14, 2020 • Four-day lag

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```

Source: City of Los Angeles
COVID-19 DATA SUMMARY

City Response and Preparedness
Weekly Business Ambassadors Visits
As of November 16, 2020 • Three-day lag

Key Takeaways:
• At least 5,826 visits made as of 11/16*
  
  ● DSW Visited Locations: 3,242
  ● LAPD Visited Applications: 2,536
  ● Complaint Applications: 107
  ● DWP Checks: 415
  ● DWP Shut Offs: 5

Source: City of Los Angeles
*Program on hold from May 29-July 21

Prepared by Mayor’s Innovation Team
### Hotline Services: 311 Calls
As of November 17, 2020 • One-day lag

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<th>Date</th>
<th>311 - COVID</th>
<th>311 - Non-COVID</th>
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</tbody>
</table>

Source: ITA - 311 Contact Center
Prepared by Mayor's Innovation Team
COVID-19 • Los Angeles City Overview

Behavior Analysis
Los Angeles Traffic
Continued increase to traffic but still lower than usual non-COVID levels of traffic

Tuesday 11/10, 5:54 PM

Thursday 11/12*, 8:30 AM

*Wednesday, 11/11 was a holiday and as such would not reflect typical traffic patterns.

Source: SigAlert.com

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Los Angeles Part I Crime - 2020 VS. 2019

Domestic violence crime is defined as "Intimate Partner - Simple Assault" and "Intimate Partner - Aggravated Assault" crimes.

BEHAVIORAL ANALYSIS

As of November 14, 2020 (four-day lag)

Los Angeles Crime Data

Remains down over 2019 and more so in recent weeks.

Los Angeles Crime - 2020 VS. 2019

14.0% reduction in overall crime (since 3/12/2020)

Los Angeles Part I Crime - 2020 VS. 2019

10.7% reduction in Part I Crime (since 3/12/2020)

Los Angeles DV Crimes - 2020 VS. 2019

12.0% reduction in reported domestic violence crime* (since 3/12/2020)

"Part I" crime includes homicide, rape, robbery, aggravated assaults, burglary, larceny, vehicle theft and arson.

Domestic violence crime is defined as “Intimate Partner - Simple Assault” and “Intimate Partner - Aggravated Assault” crimes.

Source: LAPD

Prepared by Mayor’s Innovation Team

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BEHAVIORAL ANALYSIS

Cumulative Homicides in the City of Los Angeles - 2020 vs 2019
As of November 11, 2020

Key Takeaways:

• Unlike most crime, homicides in Los Angeles are up in 2020 vs 2019

• Homicides are currently 24.3% higher in 2020 than in 2019

• For the first part of 2020, homicides were up compared to 2019. However, by April 22, 2019 had accumulated 1 more homicide than 2020.

• Since that point, homicides have risen 262.0%. In 2019, homicides only rose 187.5% over the equivalent timeframe.

Source: LAPD

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Summary of Apple Mobility Data for Los Angeles
As of November 17, 2020 • One-day lag

Key Takeaways:
• Walking direction requests have decreased by 2%
• Driving direction requests have decreased by 7%
• Transit direction requests have decreased by 51%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Key Takeaways:
• **36%** of residents are staying home

Source: Safegraph

Prepared by Mayor’s Innovation Team
Page 67
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:
• 4,300 new claims from 10/25-10/31, including Pandemic Unemployment Assistance (PUA).
• Spiked on 3/28 with 112,000 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 October 31, 2020

Source: California EDD
Prepared by Mayor’s Innovation Team
Page 69
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%)
- **1,315,741** 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
Key Takeaways:
In September 2020:
• 47,272 CalFresh applications (17% decrease from August)
• 29,412 Medi-Cal applications (8.5% decrease from August)
• 7,889 General Relief applications (10% decrease from August)
• 7,386 CalWORKs applications (9.4% decrease from August)
• 5,208 CAPI applications (9% increase from August)
• 192 CAPI applications (14% increase from August)
ACTIONS THIS MONTH
City of Los Angeles

November  2020

10th

Mayor Garcetti today announced extended testing hours at Dodger Stadium, keeping the site open from 8am until 8pm and increasing the City’s total testing capacity to 32,400 per day ahead of the holiday and flu seasons.

17th

The Los Angeles City Mobile Testing Group is bringing COVID-19 testing to communities throughout the City for people who are unable to drive to a testing site. Testing is walk up only. No appointment is necessary, but you can register in advance.

Mayor Garcetti announced that the City is soon launching a large new walk-up testing site in the Valley.

All City Actions to-date can be found in this spreadsheet.
End of Report
November 18, 2020