Response Day 263
Monday November 30, 2020

DAILY LOS ANGELES
COVID-19 Data Summary

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

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- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
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- City Response and Preparedness
- 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.

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
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts. *California has not released new equity metrics since 11/10

<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>11/28</td>
<td>38.7</td>
<td>+21.3%</td>
<td>11/24</td>
<td>31.9</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>11/28</td>
<td>19.4</td>
<td>+21.3%</td>
<td>11/24</td>
<td>16.0</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>11/28</td>
<td>6.8%</td>
<td>+0.2% (º point difference)</td>
<td>11/24</td>
<td>6.6%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>11/10</td>
<td>6.5%</td>
<td>-0.3% (º point difference)</td>
<td>11/4</td>
<td>6.8%</td>
</tr>
</tbody>
</table>

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

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team
## LOS ANGELES COUNTY KEY METRICS

### METRICS

**As of Nov 30 2020, 1 PM**

<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><strong>New Cases</strong> (7-day avg.)</td>
<td>4,420 (7-day avg)</td>
<td></td>
<td>+7.0%</td>
<td></td>
<td>+323.8%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>30 (7-day avg)</td>
<td></td>
<td>+21.0%</td>
<td></td>
<td>-39.8%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of 2 days ago)**</td>
<td>8.1% (overall)</td>
<td></td>
<td>+1.2%</td>
<td></td>
<td>-3.5% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td>LOS ANGELES</td>
<td>GLOBAL</td>
<td>HOTLINE SERVICES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
<td>-----------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5,150</td>
<td>494,772</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>COVID-related 311 calls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>7,697</td>
<td>632</td>
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<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td>Non-COVID related 311 calls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>3.1 mins</td>
<td>Average wait</td>
<td></td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>COVID RELATED CALL THEMES - 11/29</th>
</tr>
</thead>
<tbody>
<tr>
<td>14,034</td>
<td>132,577</td>
<td>· Testing</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Cases</td>
<td>· Rent or financial help</td>
</tr>
<tr>
<td>20</td>
<td>904</td>
<td>· Questions about restrictions/travel</td>
</tr>
<tr>
<td>New Deaths</td>
<td>New Deaths</td>
<td></td>
</tr>
<tr>
<td>19,141</td>
<td>267.4K</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L.A. TESTING UPDATES</th>
<th>HOSPITALIZATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.7K</td>
<td>223</td>
</tr>
<tr>
<td>City Tests (Tests Performed Since Last Report)</td>
<td>New Hospitalizations</td>
</tr>
<tr>
<td>35K</td>
<td>2,316</td>
</tr>
<tr>
<td>Available City Testing Capacity Today</td>
<td>Current Hospitalizations</td>
</tr>
<tr>
<td>35K</td>
<td>29.1K</td>
</tr>
<tr>
<td>City Tests Since 3/20</td>
<td>Total Hospitalizations</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Total City Sites Available Today</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BEDS (as of 11/25)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Beds</td>
</tr>
<tr>
<td>Acute Care</td>
</tr>
<tr>
<td>ICU Beds</td>
</tr>
<tr>
<td>Ventilators</td>
</tr>
</tbody>
</table>

*CA’s death total on 11/30 does not include new LA County deaths

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

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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: 1,213.0K cases in California (+14.0K) - 3066 per 100K**
19.1K deaths in California (+20) - 48.4 per 100K

**#2: 1,168.1K cases in Texas (+10.8K) - 4069 per 100K**
21.4K deaths in Texas (+22) - 74.5 per 100K

**#3: 983.4K cases in Florida (+6.4K) - 4616 per 100K**
18.8K deaths in Florida (+98) - 88.4 per 100K

**#4: 726.3K cases in Illinois (+6.2K) - 5700 per 100K**
13.0K deaths in Illinois (+103) - 101.9 per 100K

**#5: 648.0K cases in New York State (+6.8K) - 3315 per 100K**
26.7K deaths in New York State (+57) - 136.9 per 100K

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

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

#3 in Deaths
#37 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
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 new cases over the last day include:

1. **California** (+14.0K) - 3066 per 100K  
   19.1K deaths in California (+20) - 48.4 per 100K
2. **Texas** (+10.8K) - 4069 per 100K  
   21.4K deaths in Texas (+22) - 74.5 per 100K
3. **Michigan** (+10.8K) - 3891 per 100K  
   9.6K deaths in Michigan (+97) - 95.7 per 100K
4. **Tennessee** (+8.0K) - 5531 per 100K  
   4.6K deaths in Tennessee (+48) - 68.0 per 100K
5. **New York State** (+6.8K) - 3315 per 100K  
   26.7K deaths in New York State (+57) - 136.9 per 100K

Rounding out the top ten are: Ohio, Florida, Illinois, Minnesota, Indiana

California ranks ...
#1 in Cases  
#42 in Cases per 100K  
#3 in Deaths  
#37 in Deaths per 100K

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

Minnehaha, South Dakota (Sioux Falls): 10,591 cases per 100K (20,454 total cases)

Potter, Texas (Amarillo): 10,527 cases per 100K (12,360 total cases)

Lubbock, Texas: 10,258 cases per 100K (31,858 total cases)

El Paso, Texas: 10,211 cases per 100K (85,696 total cases)

Woodbury, Iowa (Sioux City): 10,060 cases per 100K (10,372 total cases)

Los Angeles, California: 3,943 cases per 100K (395,843 total cases)

Los Angeles County ranks #262 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:** 354.4 deaths per 100K (5,026 total deaths)

**Queens, New York:** 326.3 deaths per 100K (7,354 total deaths)

**Kings, New York:** 293.2 deaths per 100K (7,505 total deaths)

**Essex, New Jersey (NYC Metro Area):** 278.9 deaths per 100K (2,228 total deaths)

**Cameron, Texas:** 261.8 deaths per 100K (1,108 total deaths)

**Los Angeles, California:** 76.1 deaths per 100K (7,639 total deaths)

*Los Angeles County ranks #202 out of 584 counties with 100K+*
Key Takeaways:
Los Angeles County currently has a 2.0% mortality rate. The estimated infection rate is 1.27 (ideal is <1.0)
Key Takeaways:
The past seven days have seen an average daily increase of 4,420 new cases

The past seven days have seen an average daily increase of 30 new deaths

COVID-19 Los Angeles County New Cases and New Deaths, 7-Day Average
As of November 30, 2020, Noon

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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### Key Takeaways:
- Data is incomplete with 33.4% of cases and 0.3% 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.
- 7,146 out of 7,639 deaths had comorbidities (underlying conditions) (93.5%)

#### LOS ANGELES COUNTY UPDATE

**COVID Cases and Death Demographics**

As of November 28, 2020 • Two-day lag

*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*

#### Source:
Los Angeles County Department of Public Health, US Census Bureau

**Prepared by Mayor's Innovation Team**

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**Table:**

<table>
<thead>
<tr>
<th>Age</th>
<th>LA County Population Cases</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 and over</td>
<td>13%</td>
<td>11%</td>
</tr>
<tr>
<td>0 to 17</td>
<td>0%</td>
<td>11%</td>
</tr>
<tr>
<td>18 to 29</td>
<td>1%</td>
<td>18%</td>
</tr>
<tr>
<td>30 to 49</td>
<td>6%</td>
<td>28%</td>
</tr>
<tr>
<td>50 to 64</td>
<td>19%</td>
<td>19%</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>51%</td>
<td>51%</td>
</tr>
<tr>
<td>Male</td>
<td>49%</td>
<td>43%</td>
</tr>
<tr>
<td>Race</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asian</td>
<td>5%</td>
<td>15%</td>
</tr>
<tr>
<td>Black</td>
<td>8%</td>
<td>14%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>48%</td>
<td>60%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>16%</td>
</tr>
<tr>
<td>White</td>
<td>14%</td>
<td>26%</td>
</tr>
</tbody>
</table>

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**Legend:**

- LA County Population
- Cases
- Deaths

*Note: Preparations for Mayor’s Innovation Team*
**Key Takeaways:**

From 5/1 to 11/28

- Hispanic/Latino share **increased by 13.1%**
- White share **decreased by 5.5%**
- Asian share **decreased by 4.4%**
- Black share **decreased by 2.9%**
- 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%**

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

*Missing cases/deaths data by demographic from 7/2-7/3*

Prepared by Mayor’s Innovation Team

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**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*

Prepared by Mayor’s Innovation Team

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**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 **14,657** Cases reported in CA from 11/23 to 11/30 (1.2% increase)

- LA County accounts for **33.1%** of cases in CA with an average of **4,420** new cases reported from 11/23 to 11/30 (1.2% increase)

- The City of LA accounts for **13.5%** of cases in CA with an average of **1,649** new cases reported from 11/23 to 11/30 (1.1% increase)

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.

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Key Takeaways:
The past seven days have seen an average daily increase of 4,420 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.
Key Takeaways:

- An average of 59 Deaths reported in CA from 11/23 to 11/30 (0.3% increase)

- LA County accounts for 40% of deaths in CA with an average of 30 new deaths reported from 11/23 to 11/30 (0.4% increase)

- The City of LA accounts for 16.8% of deaths in CA with an average of 12 new deaths reported from 11/23 to 11/30 (0.4% 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 identified as March 11, with prior cases aggregated to day 1. LA City death count lags several days.
COVID-19 Los Angeles County Total and New Deaths
As of November 30, 2020, 1:00 PM

Key Takeaways:
The past seven days have seen an average daily increase of 30 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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Key Takeaways:

• At least 2,429,052 tests have been performed at City of Los Angeles since 3/20

• In LA County overall, at least 3,734,055 have been tested since 3/20

• At least 535 tests were performed on 11/29

• On average, 21,491 tests were performed each day from 11/23 to 11/29

• 157,813 of the 2,391,511 tests for which results were received were positive (6.7%)
Key Takeaways:

LA County’s overall positive rate is currently at 10.0% (for individuals tested)

LA City’s overall positive rate is currently at 6.7% (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:
- The cumulative 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 cumulative positive rate for City of LA site is rising and is currently at 6.7%.
- The 7-day rose sharply to 9.42% (as of 11/28).

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 11/29 is 10.0%

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 11/23 was 6.2%.
- The 7-day average daily % positive specimen rate as of 11/23 was 6.9%.

Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting. Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

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Key Takeaways:

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

Current Positive Rates by Age Group

- 9.2% for ages 0-17
- 6.3% for ages 18-29
- 4.5% for ages 30-49
- 5.8% for ages 50-64
- 3.9% for ages 65+

*Note: Testing sites were closed on 11/26 and 11/27

Weekly City Positive Testing by Age
June 23 to November 27 • Three-day lag

Source: Healthvana
Prepared by Mayor’s Innovation Team
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Key Takeaways:
Positive testing rates decreased overall this past week

- Individuals experiencing symptoms are testing positive at a rate of 7.2%
- Individuals not experiencing symptoms are testing positive at a rate of 3.5%
- Last week’s overall positive rate for symptomatic and asymptomatic individuals is 5.5%*

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

Weekly City Positive Testing by Symptoms
June 23 to November 27 • Three-day lag

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 11/21 to 11/27*

- Hispanic/Latino—10.8%
- American Indian/Alaska Native—9.1%
- Black—4%
- Native Hawaiian/Pacific Islander—3.6%
- White—2.5%
- Asian—2.7%
- Overall Positive Rate: 5.5%

Weekly City Positive Testing by Race
June 23 to November 27 • Three-day lag

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

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Key Takeaways:
Positive Testing Rates from 6/23 to 11/27

- Hispanic/Latino—12.1%
- White—2.5%
- Asian—2.2%
- Black—3.9%
- Other—7.1%
- Native Hawaiian/Pacific Islander—3.8%
- American Indian/Alaska Native—8.4%
- Multi-racial—2.4%
- Overall Positive Rate: 7%

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

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COVID-19 • LOS ANGELES COUNTY
Hospitalizations
Key Takeaways:

- **2,316** currently hospitalized patients, a 6% increase from yesterday

Source: California Open Data Portal
*Hospitalizations in county press conferences often reported with two-day lag
**There are additional patients in hospitals that are COVID-19-suspected

Prepared by Mayor’s Innovation Team
Key Takeaways:

- At least 29,110 people have been hospitalized since 3/18

- 223 new hospitalizations* as of 11/25

- An average of 216 people were hospitalized daily due to COVID-19 between 11/18-11/25

- The new 7-day rolling average increased by 48.7% 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:

- **644 total beds**

Since last week, there has been a:

- **4.5% decrease** in available acute care beds. Surge capacity is 11,482

- **1.1% increase** in available ICU beds. Surge capacity is 4,067

- **1.3% increase** in available ventilators. Surge capacity is 3,199

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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Hospital Bed and Equipment Capacity for LA County
As of November 25 • Five-day lag

ICU BEDS

ACUTE CARE BEDS

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

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COVID-19 DATA SUMMARY

City Response and Preparedness
Hotline Services: 311 Calls
As of November 29, 2020 • One-day lag

Source: ITA - 311 Contact Center
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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

Source: California EDD
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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
End of Report
November 30, 2020