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- City Response and Preparedness
- Economic Analysis
COVID-19 Highlights

Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of January 8, 2021

UK becomes world's first to roll out Oxford/AstraZeneca vaccine as cases surge
Source: CNN

Storming of Capitol was textbook potential coronavirus superspreader, experts say
Source: Washington Post

Ambulance crews told not to transport patients who have little chance of survival
Source: LA Times

The US reported more than 4,000 Covid-19 deaths in one day for the first time ever
Source: CNN

Los Angeles is running out of oxygen for patients as covid hospitalizations hit record highs nationwide
Source: Washington Post

L.A. using coronavirus test that FDA warns may produce false negatives
Source: LA Times

New, potentially more contagious variant of the coronavirus spreads in California
Source: LA Times

Pfizer study suggests vaccine works against virus variant
Source: AP News
COVID-19 DATA SUMMARY

Data Snapshot
The Regional Stay Home Order, announced December 3, 2020, and a supplemental order, signed December 6, 2020, went into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability.

- The supplemental order clarifies retail operations and goes into effect immediately;
- The orders prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all other sectors.

Once triggered, these orders will remain in effect for at least three weeks. After that period, they will be lifted when a region’s projected ICU capacity meets or exceeds 15%. This will be assessed on a weekly basis after the initial three-week period.

*Surge capacity beyond these numbers may be possible based on individual hospital’s bed and staff surge plans.

Source: COVID19.CA.GOV
Prepared by Mayor’s Innovation Team
Page 6
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. Current data range: 12/13/20 - 12/19/20

**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.

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**Source:** California Department of Public Health

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

<table>
<thead>
<tr>
<th>County risk level</th>
<th>New cases</th>
<th>positive tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDESPREAD</td>
<td>More than 7 daily new cases (per 100k)</td>
<td>More than 8% positive tests</td>
</tr>
<tr>
<td>SUBSTANTIAL</td>
<td>4 - 7 daily new cases (per 100k)</td>
<td>5 - 8% positive tests</td>
</tr>
<tr>
<td>MODERATE</td>
<td>1 - 3.9 daily new cases (per 100k)</td>
<td>2 - 4.9% positive tests</td>
</tr>
<tr>
<td>MINIMAL</td>
<td>Less than 1 daily new cases (per 100k)</td>
<td>Less than 2% positive tests</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
- 7-Day COVID Positive Test Rate
- Acute Care Bed Capacity
- ICU Bed Capacity
- LA City Unemployment Insurance Claims (vs baseline)

The following metrics have seen **desirable** movement over the past seven days:
- LA City Crime
- 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 1/5/21**

### METRICS

<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>14,337</td>
<td></td>
<td>+1.0%</td>
<td></td>
<td>+1274.6%</td>
</tr>
<tr>
<td>(7-day avg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>189</td>
<td></td>
<td>+18.2%</td>
<td></td>
<td>+274.0%</td>
</tr>
<tr>
<td>(7-day avg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate</td>
<td>21.2% (overall)</td>
<td></td>
<td>+3.7%</td>
<td></td>
<td>+9.6%</td>
</tr>
<tr>
<td>(as of one week ago)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>632</td>
<td></td>
<td>+2.1%</td>
<td></td>
<td>+306%</td>
</tr>
<tr>
<td>(7-day avg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>225</td>
<td></td>
<td>-14.8%</td>
<td></td>
<td>-79.8%</td>
</tr>
<tr>
<td>(7-day avg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>30</td>
<td></td>
<td>-15%</td>
<td></td>
<td>-87.8%</td>
</tr>
<tr>
<td>(7-day avg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Crime (7-day avg)</td>
<td>390 daily crimes</td>
<td></td>
<td>-14.8%</td>
<td></td>
<td>-23.8%</td>
</tr>
<tr>
<td>baseline = 2019 YTD</td>
<td>7-day avg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>as of 12/31/2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA)</td>
<td>6,431</td>
<td></td>
<td>-11.1%</td>
<td></td>
<td>+384%</td>
</tr>
<tr>
<td>baseline = equivalent 2019 week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>as of 12/26/2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
COVID-19 DATA SUMMARY
United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 7, 2021, 4:00 PM • One-day lag

Cases are on the rise, particularly in California and Arizona
Top five states, based on new cases over the last day include:

#1: 2,518.6K cases in California (+36.4K) - 6367 per 100K
28.0K deaths in California (+583) - 70.9 per 100K

#2: 1,891.7K cases in Texas (+24.6K) - 6591 per 100K
28.9K deaths in Texas (+393) - 100.8 per 100K

#3: 1,404.4K cases in Florida (+19.3K) - 6593 per 100K
22.8K deaths in Florida (+170) - 107.1 per 100K

#4: 1,075.3K cases in New York State (+17.6K) - 5502 per 100K
31.2K deaths in New York State (+199) - 159.5 per 100K

#5: 1,008.0K cases in Illinois (+8.8K) - 7911 per 100K
18.9K deaths in Illinois (+206) - 148.7 per 100K

Rounding out the top 10 are:
Ohio, Pennsylvania, Tennessee, Georgia, North Carolina

California ranks ...  
#1 in Cases  
#32 in Cases per 100K  
#3 in Deaths  
#39 in Deaths per 100K

Legend for map

New cases per day in the United States

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 7, 2021, 4:00 PM • One-day lag

Cases are on the rise throughout most of the United States. Top five states, based on new cases over the last day include:

#1: 2,518.6K cases in California (+36.4K) - 6367 per 100K
28.0K deaths in California (+583) - 70.9 per 100K

#2: 1,891.7K cases in Texas (+24.6K) - 6591 per 100K
28.9K deaths in Texas (+393) - 100.8 per 100K

#3: 1,404.4K cases in Florida (+19.3K) - 6593 per 100K
22.8K deaths in Florida (+170) - 107.1 per 100K

#4: 1,075.3K cases in New York State (+17.6K) - 5502 per 100K
31.2K deaths in New York State (+199) - 159.5 per 100K

#5: 592.7K cases in North Carolina (+10.4K) - 5708 per 100K
7.2K deaths in North Carolina (+137) - 69.5 per 100K

Rounding out the top ten are: Ohio, Arizona, Pennsylvania, Tennessee, Illinois

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

#3 in Deaths
#39 in Deaths per 100K

Source: COVID Tracking Project
Top 5 per capita (per 100K) cases by County:

Lubbock, Texas: 14,024 cases per 100K
(43,553 total cases)

Yuma, Arizona: 13,899 cases per 100K
(29,715 total cases)

Minnehaha, South Dakota (Sioux Falls): 13,292 cases per 100K
(25,672 total cases)

Potter, Texas (Amarillo): 13,271 cases per 100K
(15,582 total cases)

Imperial, California: 12,913 cases per 100K
(23,400 total cases)

Los Angeles, California: 8,680 cases per 100K
(871,404 total cases)

Los Angeles County ranks #67 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 January 7, 2021, 4:00 PM • One-day lag

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

**Bronx, New York: 364.8 deaths** per 100K (5,173 total deaths)

**Queens, New York: 337.7 deaths** per 100K (7,612 total deaths)

**Navajo, Arizona: 331.8 deaths** per 100K (368 total deaths)

**Kings, New York: 305.9 deaths** per 100K (7,832 total deaths)

**Essex, New Jersey (NYC Metro Area): 303.1 deaths** per 100K (2,422 total deaths)

**Los Angeles, California: 115.0 deaths per 100K** (11,545 total deaths)

*Los Angeles County ranks #201 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 14,337 new cases.

The past seven days have seen an average daily increase of 189 new deaths.

Legend:
- New Cases (7-Day Rolling Average)
- New Deaths (7-Day Rolling Average)
- Safer At Home (SAH) Restriction Lifted
- SAH Restriction Reinstated

Note: The reported cases on 12/14 were artificially low due to backlogs from certain labs.

Source: Los Angeles County New Cases and New Deaths, 7-Day Average
KEY TAKEAWAYS

- LA County accounts for 34.6% of cases in CA with an average of 14,337 new cases reported from 1/1 to 1/8 (1.8% increase)

CUMULATIVE CASES

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.
### KEY TAKEAWAYS

- LA County accounts for **41.6%** of deaths in CA with an average of **189** new deaths reported from 1/1 to 1/8 (**1.8%** increase).

### CUMULATIVE DEATHS

<table>
<thead>
<tr>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
KEY TAKEAWAYS

• At least 3,490,696 tests have been performed at City of Los Angeles since 3/20

• On average, 30,734 tests were performed each day from 1/1 to 1/7

• 359,227 of the 3,396,619 tests for which results were received were positive (10.7%)

Source: City of Los Angeles
KEY TAKEAWAYS

• LA County has tested a total of at least 4,923,397 people and a total of 11,326,163 specimens (tests)
LA Hospitalization Updates

**LOS ANGELES**
- New Hospitalizations: 676
- Current Hospitalizations: 7,966
- Total Hospitalizations: 44,400

**EQUIPMENT AVAILABILITY** (as of 1/8)
- Total Beds Available: 546
- Acute Care Beds Available: 456
- ICU Beds Available: 90
- Ventilators Available: 897

**SO-CAL REGIONAL ICU CAPACITY**
- ICU Capacity: 0.0%
  - As of 1/8

**NEW HOSPITALIZATIONS IN LA COUNTY**

<table>
<thead>
<tr>
<th>Date</th>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/7</td>
<td>106</td>
<td>76</td>
<td>11,136</td>
</tr>
<tr>
<td>3/8</td>
<td>101</td>
<td>78</td>
<td>11,116</td>
</tr>
<tr>
<td>3/9</td>
<td>108</td>
<td>81</td>
<td>11,105</td>
</tr>
<tr>
<td>3/10</td>
<td>102</td>
<td>83</td>
<td>11,103</td>
</tr>
<tr>
<td>3/11</td>
<td>104</td>
<td>84</td>
<td>11,092</td>
</tr>
<tr>
<td>3/12</td>
<td>106</td>
<td>86</td>
<td>11,086</td>
</tr>
<tr>
<td>3/13</td>
<td>108</td>
<td>88</td>
<td>11,080</td>
</tr>
<tr>
<td>3/14</td>
<td>106</td>
<td>86</td>
<td>11,076</td>
</tr>
<tr>
<td>3/15</td>
<td>104</td>
<td>84</td>
<td>11,070</td>
</tr>
<tr>
<td>3/16</td>
<td>102</td>
<td>82</td>
<td>11,068</td>
</tr>
<tr>
<td>3/17</td>
<td>100</td>
<td>80</td>
<td>11,060</td>
</tr>
<tr>
<td>3/18</td>
<td>98</td>
<td>78</td>
<td>11,058</td>
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<td>3/19</td>
<td>96</td>
<td>76</td>
<td>11,054</td>
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<tr>
<td>3/20</td>
<td>94</td>
<td>74</td>
<td>11,050</td>
</tr>
<tr>
<td>3/21</td>
<td>92</td>
<td>72</td>
<td>11,048</td>
</tr>
<tr>
<td>3/22</td>
<td>90</td>
<td>70</td>
<td>11,046</td>
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<tr>
<td>3/23</td>
<td>88</td>
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<td>86</td>
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<td>84</td>
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<td>80</td>
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<td>11,036</td>
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<td>3/28</td>
<td>78</td>
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<td>11,034</td>
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<td>3/29</td>
<td>76</td>
<td>56</td>
<td>11,032</td>
</tr>
<tr>
<td>3/30</td>
<td>74</td>
<td>54</td>
<td>11,030</td>
</tr>
<tr>
<td>3/31</td>
<td>72</td>
<td>52</td>
<td>11,028</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

At least 42,458 people have been hospitalized since 3/18

- **CURRENTLY HOSPITALIZED**: -1.3%
- **INCREASE IN ICU**: +2.9%

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**Legend** (for graph on left)
- New Hospitalizations (7 Day Rolling Average)
- New Hospitalizations

**Source**: New Hospitalizations data from County HavBed Bed Tracking, County Hospitalization data from CA Open Data Portal.
COVID-19 • LOS ANGELES

Demographic Comparisons
Cases by Demographics

12% 0 to 17 yrs
24% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
10% 65+

KEY TAKEAWAYS
- Data is incomplete with 29.4% of cases still under investigation

MOST IMPACTED GROUPS
- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds

Legend:
- Percent of LA County Population
- Percent of Total Cases

Source: Los Angeles Department of Public Health.
**Deaths by Demographics**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Deaths Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>0%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>6%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>74%</td>
</tr>
</tbody>
</table>

**PERCENT OF TOTAL DEATHS COMPARED TO POPULATION**

**Race**
- Asian: 14%
- Black: 9%
- Hispanic/Latino: 51%
- White: 24%
- Other: 2%

**Gender**
- Female: 43%
- Male: 57%

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**KEY TAKEAWAYS**

- Data is incomplete with **0.7% of Deaths still under investigation**
- As of December 19, 2020, 8,192 out of 8,875 deaths (92.3%) had comorbidities (underlying conditions)

**MOST IMPACTED GROUPS**

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

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**Legend**

- Percent of LA County Population
- Percent of Total Deaths

**Source:** Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY

Comparative Updates
City + County + State Update
As of January 8, 2021, Updated 1:00 PM

NEW CASES REPORTED

Week of 1/2 to 1/8 | CA | LA County | City of LA
--- | --- | --- | ---
Total Cases Reported | 276,073 | 100,356 | 39,983
% Change from Last Week | +10.3% | +1% | -13.1%

NEW DEATHS REPORTED

Week of 1/2 to 1/8 | CA | LA County | City of LA
--- | --- | --- | ---
Total Deaths Reported | 2,567 | 1,324 | 562
% Change from Last Week | +26.8% | +18.2% | +8.5%

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.
COVID-19 • LOS ANGELES COUNTY

Medical Capacity and Supplies
Key Takeaways:
257 total beds

Since last week, there has been a:

- **13.7% decrease** in available acute care beds. Surge capacity is 13,400*
- **59.6% decrease** in available ICU beds. Surge capacity is 3,000*
- **2.1% decrease** in available ventilators. Surge capacity is 3,199*

*Additional surge capacity beyond these numbers may be possible based on individual hospital's bed and staff surge plans

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
Hospital Bed and Equipment Capacity for LA County
As of January 5, 2021 • Three-day lag

ICU BEDS

ACUTE CARE BEDS

VENTILATORS

*Additional surge capacity beyond these numbers may be possible based on individual hospital's bed and staff surge plans

Prepared by Mayor's Innovation Team

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
COVID-19 DATA SUMMARY
City Response and Preparedness
## Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th></th>
<th>301</th>
<th>2,839</th>
<th>743.8K</th>
<th>46.8K</th>
<th>30,455</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>301</td>
<td>2,839</td>
<td>743.8K</td>
<td>46.8K</td>
<td>30,455</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>2,839</td>
<td>2,839</td>
<td>743.8K</td>
<td>46.8K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

- **All 311/Hotline Calls Since 3/26**: 743.8K
- **Total COVID Calls - Since 3/26**: 46.8K
- **Total Calls for Angeleno Card**: 30,455

### Key Takeaways
- **9.6%** of the total 311 calls were COVID-related.
- Wait time for each call was **0.9 mins**.

### Call Themes
- Testing
- Financial help
- Vaccine availability
- Questions about orders or violations
- Reporting violations

### Source
- ITA - 311 Contact Center

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Prepared by Mayor’s Innovation Team
Page 31
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:
• **6.4K** new claims from 12/20-12/26, 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
• November’s unemployment (seasonally-adjusted) is estimated at **11%** for LA County. This is lower than October’s numbers (12%)
• **1,364,177** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020

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 December 26, 2020

Prepared by Mayor’s Innovation Team
Page 33

Source: California EDD
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 October 2020
End of Report
January 8, 2021