INDEX

- Data Snapshot
- United States Update
- Key Indicators
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
- Medical Capacity and Supplies
- City Response and Preparedness
- Economic Analysis
COVID-19 DATA SUMMARY
Data Snapshot
The **Regional Stay Home Order**, announced December 3, 2020, and a **supplemental order**, signed December 6, 2020, will go 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;
- They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all others.

**Once triggered, these orders will remain in effect for at least 3 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 3 week period.

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

---

### ICU Availabilities as of 12/22/20

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>29.5%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>13.5%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>15.7%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>0.0%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Southern California</td>
<td>0.0%</td>
<td>Threshold met</td>
</tr>
</tbody>
</table>

### Statewide Metrics

- **80.7** New COVID-19 Positive Cases Per Day Per 100k Residents
- **13.3%** 7-Day Positivity Rate
- **1.4%** ICU Availability

*Source: [COVID19.CA.GOV](https://COVID19.CA.GOV)*

Prepared by Mayor’s Innovation Team
Page 4
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: 12/6/20 - 12/12/20

### 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.

<table>
<thead>
<tr>
<th>County risk level</th>
<th>New cases</th>
<th>positive tests</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WIDESPREAD</strong></td>
<td>More than 7 daily new cases (per 100k)</td>
<td>More than 8% positive tests</td>
</tr>
<tr>
<td><strong>SUBSTANTIAL</strong></td>
<td>4 - 7 daily new cases (per 100k)</td>
<td>5 - 8% positive tests</td>
</tr>
<tr>
<td><strong>MODERATE</strong></td>
<td>1 - 3.9 daily new cases (per 100k)</td>
<td>2 - 4.9% positive tests</td>
</tr>
<tr>
<td><strong>MINIMAL</strong></td>
<td>Less than 1 daily new cases (per 100k)</td>
<td>Less than 2% positive tests</td>
</tr>
</tbody>
</table>

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
- 7-Day COVID Positive Test Rate
- New Hospitalizations
- Acute Care Bed Capacity
- ICU Bed Capacity
- LA City Unemployment Insurance Claims

The following metrics have seen **desirable** movement over the past seven days:
- 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*

*Data lag on new hospitalizations reported since 12/17*

**As of 12/17/20**

### 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>14,949</td>
<td></td>
<td>+33.1%</td>
<td></td>
<td>+1333%</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>85</td>
<td></td>
<td>+38.4%</td>
<td></td>
<td>+68.9%</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>15.9% (overall)</td>
<td></td>
<td>+1.6%</td>
<td></td>
<td>+1.1%</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</td>
<td>NA</td>
<td></td>
<td>+33%</td>
<td></td>
<td>+268.6%</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</td>
<td>434</td>
<td></td>
<td>-21%</td>
<td></td>
<td>-72.3%</td>
</tr>
<tr>
<td>(7-day avg)**</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity</td>
<td>92</td>
<td></td>
<td>-18.2%</td>
<td></td>
<td>-70%</td>
</tr>
<tr>
<td>(7-day avg)**</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Crime</td>
<td>436 daily crimes</td>
<td></td>
<td>-5.9%</td>
<td></td>
<td>-25.3%</td>
</tr>
<tr>
<td>baseline = 2019 YTD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims</td>
<td>7,572</td>
<td></td>
<td>+45.6%</td>
<td></td>
<td>+293%</td>
</tr>
<tr>
<td>(includes PUA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>baseline = equivalent 2019 week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

United States Update
Cases are on the rise across the entire United States. The top five states, based on overall cases include:

#1: 1,892.3K cases in California (+37.9K) - 4783 per 100K
22.7K deaths in California (+83) - 57.3 per 100K

#2: 1,591.9K cases in Texas (+10.3K) - 5546 per 100K
25.4K deaths in Texas (+67) - 88.5 per 100K

#3: 1,192.5K cases in Florida (+10.9K) - 5598 per 100K
21.0K deaths in Florida (+115) - 98.5 per 100K

#4: 905.1K cases in Illinois (+4.7K) - 7103 per 100K
16.5K deaths in Illinois (+120) - 129.7 per 100K

#5: 857.0K cases in New York State (+9.0K) - 4385 per 100K
28.7K deaths in New York State (+111) - 146.9 per 100K

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

California ranks ...
#1 in Cases
#36 in Cases per 100K
#3 in Deaths
#40 in Deaths per 100K

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of December 21, 2020, 4:00 PM

Covid-19 cases are on the rise across the entire United States. The top five states, based on new cases over the last day include:

1. California: 1,892.3K cases (+37.9K) - 4783 per 100K
   22.7K deaths (+83) - 57.3 per 100K

2. Florida: 1,192.5K cases (+10.9K) - 5598 per 100K
   21.0K deaths (+115) - 98.5 per 100K

3. Texas: 1,591.9K cases (+10.3K) - 5546 per 100K
   25.4K deaths (+67) - 88.5 per 100K

4. Tennessee: 529.6K cases (+9.9K) - 7822 per 100K
   6.1K deaths (+65) - 90.6 per 100K

5. New York State: 857.0K cases (+9.0K) - 4385 per 100K
   28.7K deaths (+111) - 146.9 per 100K

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

California ranks ...  
#1 in Cases  
#36 in Cases per 100K  
#3 in Deaths  
#40 in Deaths per 100K

Legend for map
California ranks #1 in Cases  
#36 in Cases per 100K  
#3 in Deaths  
#40 in Deaths per 100K

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

**Lubbock, Texas:** 12,625 cases per 100K (39,208 total cases)

**Potter, Texas (Amarillo):** 12,508 cases per 100K (14,686 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 12,460 cases per 100K (24,064 total cases)

**Yuma, Arizona:** 11,677 cases per 100K (24,964 total cases)

**Imperial, California:** 11,523 cases per 100K (20,882 total cases)

**Los Angeles, California:** 6,324 cases per 100K (634,849 total cases)

*Los Angeles County ranks #150 out of 584 counties with 100K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of December 21, 2020, 4:00 PM • One-day lag

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

Bronx, New York: 358.1 deaths per 100K (5,079 total deaths)
Queens, New York: 331.5 deaths per 100K (7,471 total deaths)
Kings, New York: 297.9 deaths per 100K (7,627 total deaths)
Essex, New Jersey (NYC Metro Area): 291.7 deaths per 100K (2,331 total deaths)
Passaic, New Jersey (NYC Metro Area): 278.0 deaths per 100K (1,395 total deaths)

Los Angeles, California: 89 deaths per 100K (8,931 total deaths)
Los Angeles County ranks #235 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 14,949 new cases.

The past seven days have seen an average daily increase of 85 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 **33.6%** of cases in CA with an average of **14,949** new cases reported from 12/15 to 12/22 (2.7% 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.
**LA County Mortality Updates**

### LOS ANGELES

- **Mortality Rate**: 1.4%
- **New Deaths**: 88
- **Total Deaths**: 9,016

### CALIFORNIA

- **New Deaths**: 247
- **Total Deaths**: 22,923

### UNITED STATES

- **New Deaths**: 3,398
- **Total Deaths**: 321.7K

### GLOBAL

- **New Deaths**: 14,459
- **Total Deaths**: 1.7M

---

**DAILY MORTALITY IN LA COUNTY**

---

**KEY TAKEAWAYS**

- LA County accounts for **39.4%** of deaths in CA with an average of **85** new deaths reported from 12/14 to 12/21 (**1.0%** increase)

---

**CUMULATIVE DEATHS**

**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

• At least 3,070,733 tests have been performed at City of Los Angeles since 3/20

• On average, 36,944 tests were performed each day from 12/15 to 12/21

• 257,536 of the 2,958,681 tests for which results were received were positive (8.8%)

Source: City of Los Angeles
### LA Testing Updates • Positivity Rate

<table>
<thead>
<tr>
<th>TESTS COMPLETED</th>
<th>AVAILABILITY</th>
<th>POSITIVITY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>36.4K</td>
<td>10</td>
<td>8.8% Cumulative</td>
</tr>
<tr>
<td>City Tests</td>
<td>Total City Sites Available Today</td>
<td>Cumulative City - Tests</td>
</tr>
<tr>
<td>3.07M</td>
<td>46.4K</td>
<td>7.9% Cumulative County - Tests</td>
</tr>
<tr>
<td>City Tests</td>
<td>Avail. City Testing Capacity Today</td>
<td>Cumulative County - People</td>
</tr>
<tr>
<td>36.4K</td>
<td>10</td>
<td>13.8% County’s 7-day Rate For Tests (1 week lag)</td>
</tr>
<tr>
<td>Since last report</td>
<td>City Tests Since 3/20</td>
<td>15.9% City’s 7-day Rate For Tests (2 day lag)</td>
</tr>
</tbody>
</table>

### KEY TAKEAWAYS

- LA County has tested a total of at least 4,425,112 people and a total of 9,810,146 specimens (tests).

### COUNTY POSITIVITY RATE (7-day lag)

- City positive rate as of December 20/21, 2020
- County metrics as of December 15, 2020

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*

Prepared by Mayor’s Innovation Team
KEY TAKEAWAYS

• At least 35,089 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: +4.9%
INCREASE IN ICU: +2.7%

The Regional Stay Home Order went into effect on 12/6 at 11:59 PM, the day after the Southern California region dipped below 15% ICU availability. This order prohibits private gatherings of any size, closes sector operations except for critical infrastructure and retail, and requires 100% masking and physical distancing in all others.

New Hospitalizations data for 12/18 and 12/19 is from an alternate data source from LA County Department of Public Health.
COVID-19 • LOS ANGELES

Demographic Comparisons
Cases by Demographics*

12% 0 to 17 yrs
25% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
10% 65+

All metrics last updated at 1 PM, December 19, 2020

PERCENT OF TOTAL CASES COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17</td>
<td>12%</td>
</tr>
<tr>
<td>18 to 29</td>
<td>25%</td>
</tr>
<tr>
<td>30 to 49</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>5%</td>
</tr>
<tr>
<td>Black</td>
<td>5%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>61%</td>
</tr>
<tr>
<td>White</td>
<td>14%</td>
</tr>
<tr>
<td>Other</td>
<td>15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>51%</td>
</tr>
<tr>
<td>Male</td>
<td>49%</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS
• Data is incomplete with 31.4% 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*

0% 1% 7% 19% 74%
0 to 17 yrs 18 to 29 yrs 30 to 49 yrs 50 to 64 yrs 65+

KEY TAKEAWAYS
- Data is incomplete with 0.4% of deaths still under investigation
- 8192 out of 8875 deaths (92.3%) had comorbidities (underlying conditions)

MOST IMPACTED GROUPS
- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

Legend
- Percent of LA County Population
- Percent of Total Deaths

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

Comparative Updates
Key Takeaways:

- An average of 43,948 Cases reported in CA from 12/15 to 12/22 (2.3% increase)

- LA County accounts for 33.6% of cases in CA with an average of 14,949 new cases reported from 12/15 to 12/22 (2.7% increase)

- The City of LA accounts for 13.6% of cases in CA with an average of 6,006 new cases reported from 12/15 to 12/22 (2.7% increase)
Key Takeaways:
• An average of 248 Deaths reported in CA from 12/15 to 12/22 (1.1% increase)

• LA County accounts for 39.3% of deaths in CA with an average of 85 new deaths reported from 12/15 to 12/22 (1.0% increase)

• The City of LA accounts for 16.2% of deaths in CA with an average of 31 new deaths reported from 12/15 to 12/22 (0.9% increase)
Key Takeaways (as of 12/21):
305 total beds

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

County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories (ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)

Lag in data reporting from 12/17.
The values used for 12/21 were taken from an alternate source.

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 December 21 • One-day lag

**HOSPITALIZATIONS**

**ICU BEDS**

- Lag in data reporting from 12/17.
- The values used for 12/21 were taken from an alternate source.

**ACUTE CARE BEDS**

- Lag in data reporting from 12/17.
- The values used for 12/21 were taken from an alternate source.

**VENTILATORS**

- Lag in data reporting from 12/17.
- The values used for 12/21 were taken from an alternate source.

*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

Prepared by Mayor’s Innovation Team
Page 27
COVID-19 DATA SUMMARY

City Response and Preparedness
Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>293</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>2,688</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>708.5K</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>43.2K</td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
</tr>
</tbody>
</table>

All metrics last updated December 21, 2020

KEY TAKEAWAYS

10% of the total 311 calls were COVID-related.

CALL THEMES

- Testing
- Parking complaints
- Rent or financial help
- Questions about orders or violations

Legend:
- 311 - COVID
- 311 - Non-COVID

Source: ITA - 311 Contact Center

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

Economic Analysis
Key Takeaways:

- **7.6K** new claims from 11/29-12/5, 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.
- October unemployment (seasonally-adjusted) is estimated at **12.1%** for LA County. This is lower than September’s numbers (15.5%).
- **1,343,691** 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 5, 2020

Prepared by Mayor’s Innovation Team
Page 31
City of LA Sales Tax Revenue
As of October 2020

14.6% decrease compared to last year
• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631
End of Report
December 22, 2020