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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.

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### ICU Availability as of 1/7/21

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>25.4%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>3.5%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>9.2%</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

- **74.1** New COVID-19 Positive Cases Per Day Per 100k Residents
- **15.0%** 7-Day Positivity Rate
- **0.0%** ICU Availability

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Source: [COVID19.CA.GOV](https://www.covid19.ca.gov)

Prepared by Mayor’s Innovation Team

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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

<table>
<thead>
<tr>
<th>Reporting Date</th>
<th>Rate</th>
<th>% Diff vs Last Metrics</th>
<th>Last Reporting Date</th>
<th>Last Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/5/21</td>
<td>107.9</td>
<td>-18.7%</td>
<td>12/29</td>
<td>132.7</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Reporting Date</th>
<th>Rate</th>
<th>% Diff vs Last Metrics</th>
<th>Last Reporting Date</th>
<th>Last Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/5/21</td>
<td>17.8%</td>
<td>+1.3%</td>
<td>12/29</td>
<td>16.5%</td>
</tr>
</tbody>
</table>

### Health Equity Metric (starting 10/6)*

<table>
<thead>
<tr>
<th>Reporting Date</th>
<th>Rate</th>
<th>% Diff vs Last Metrics</th>
<th>Last Reporting Date</th>
<th>Last Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/5/21</td>
<td>25.0%</td>
<td>+1.6%</td>
<td>12/29</td>
<td>23.4%</td>
</tr>
</tbody>
</table>

**County risk level**

- **WIDESPREAD**
  - Many non-essential indoor business operations are closed

- **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

Source: California Department of Public Health

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# 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

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

**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>14,637</td>
<td></td>
<td>+8.5%</td>
<td></td>
<td>+1303.3%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>173</td>
<td></td>
<td>+15.5%</td>
<td></td>
<td>+242.7%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>21.6% (overall)</td>
<td></td>
<td>+4.5%</td>
<td></td>
<td>+10%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)**</td>
<td>632</td>
<td></td>
<td>+2.1%</td>
<td></td>
<td>+306%</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>ICU Bed Capacity (7-day avg)**</td>
<td>30</td>
<td></td>
<td>-15%</td>
<td></td>
<td>-87.8%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2019 YTD</td>
<td>390 daily crimes</td>
<td></td>
<td>-14.8%</td>
<td></td>
<td>-23.8%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>7,233</td>
<td></td>
<td>+6%</td>
<td></td>
<td>+444%</td>
</tr>
</tbody>
</table>

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Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY

United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 6, 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: 2,482.2K cases in California (+29.9K) - 6275 per 100K
27.5K deaths in California (+459) - 69.4 per 100K

#2: 1,867.2K cases in Texas (+24.0K) - 6505 per 100K
28.5K deaths in Texas (+326) - 99.5 per 100K

#3: 1,385.0K cases in Florida (+17.3K) - 6502 per 100K
22.6K deaths in Florida (+132) - 106.3 per 100K

#4: 1,057.7K cases in New York State (+16.6K) - 5412 per 100K
31.0K deaths in New York State (+163) - 158.5 per 100K

#5: 999.3K cases in Illinois (+7.6K) - 7843 per 100K
18.7K deaths in Illinois (+173) - 147.0 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
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 6, 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: 2,482.2K cases in California (+29.9K) - 6275 per 100K
27.5K deaths in California (+459) - 69.4 per 100K

#2: 1,867.2K cases in Texas (+24.0K) - 6505 per 100K
28.5K deaths in Texas (+326) - 99.5 per 100K

#3: 1,385.0K cases in Florida (+17.3K) - 6502 per 100K
22.6K deaths in Florida (+132) - 106.3 per 100K

#4: 1,057.7K cases in New York State (+16.6K) - 5412 per 100K
31.0K deaths in New York State (+163) - 158.5 per 100K

#5: 683.4K cases in Pennsylvania (+9.5K) - 5336 per 100K
16.9K deaths in Pennsylvania (+368) - 132.1 per 100K

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

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: 13,931 cases per 100K (43,266 total cases)

Yuma, Arizona: 13,749 cases per 100K (29,394 total cases)

Minnehaha, South Dakota (Sioux Falls): 13,244 cases per 100K (25,579 total cases)

Potter, Texas (Amarillo): 13,192 cases per 100K (15,490 total cases)

Imperial, California: 12,783 cases per 100K (23,165 total cases)

Los Angeles, California: 8,488 cases per 100K (852,165 total cases)

Los Angeles County ranks #71 out of 584 counties with 100K+
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of January 6, 2021, 4:00 PM • One-day lag

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

**Bronx, New York: 364.2 deaths per 100K**
(5,165 total deaths)

**Queens, New York: 337.3 deaths per 100K**
(7,602 total deaths)

**Navajo, Arizona: 328.2 deaths per 100K**
(364 total deaths)

**Kings, New York: 305.0 deaths per 100K**
(7,807 total deaths)

**Essex, New Jersey (NYC Metro Area): 303.0 deaths per 100K**
(2,421 total deaths)

**Los Angeles, California: 112.8 deaths per 100K**
(11,328 total deaths)

*Los Angeles County ranks #209 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
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COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 14,637 new cases.

The past seven days have seen an average daily increase of 173 new deaths.
KEY TAKEAWAYS

- LA County accounts for **34.6%** of cases in CA with an average of **14,637** new cases reported from 12/31 to 1/7 (**1.9%** increase)

CUMULATIVE CASES

<table>
<thead>
<tr>
<th></th>
<th>Source</th>
</tr>
</thead>
</table>
| LA 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 41.2% of deaths in CA with an average of 173 new deaths reported from 12/31 to 1/7 (1.7% 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 3,453,684 tests have been performed at City of Los Angeles since 3/20

• On average, 24,833 tests were performed each day from 12/31 to 1/6

• 353,018 of the 3,367,220 tests for which results were received were positive (10.6%)

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

**Tests Completed**

<table>
<thead>
<tr>
<th>Tests Completed</th>
<th>Availability</th>
<th>Positivity Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>39.9K City Tests</td>
<td>3.45M City Tests</td>
<td>Cumulative City - Tests 10.6%</td>
</tr>
<tr>
<td>Since last report</td>
<td>Since 3/20</td>
<td>Cumulative County - Tests 9.2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cumulative County - People 16.8%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>County’s 7-day Rate For Tests (1 week lag) 21.6%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>City’s 7-day Rate For Tests (2 day lag) 25.13%</td>
</tr>
</tbody>
</table>

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

**KEY TAKEAWAYS**

• LA County has tested a total of at least 4,886,797 people and a total of 11,204,728 specimens (tests).

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

- City positive rate as of January 6/5, 2021
- County metrics as of December 31, 2020

**Legend:**
- 7-Day Positivity Rate
- Cumulative Positive Test Rate

**Source:** City of Los Angeles
**LA Hospitalization Updates**

**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>3/18</td>
<td>676</td>
<td>8,074</td>
<td>44.4K</td>
</tr>
</tbody>
</table>

**EQUIPMENT AVAILABILITY**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Beds</td>
<td>257</td>
</tr>
<tr>
<td>Acute Care Beds</td>
<td>234</td>
</tr>
<tr>
<td>ICU Beds</td>
<td>23</td>
</tr>
<tr>
<td>Ventilators</td>
<td>763</td>
</tr>
</tbody>
</table>

**SO-CAL REGIONAL ICU CAPACITY**

- **ICU**: 0.0%  
  As of 1/7

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**KEY TAKEAWAYS**

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

**CURRENTLY HOSPITALIZED**: -0.3%  
**INCREASE IN ICU**: +0.4%

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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

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*All metrics as of January 5, unless otherwise noted.*

*The Regional Stay Home Order went into effect on 12/16 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.*
COVID-19 • LOS ANGELES

Demographic Comparisons
**Cases by Demographics**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 years</td>
<td>12%</td>
</tr>
<tr>
<td>18 to 29 years</td>
<td>24%</td>
</tr>
<tr>
<td>30 to 49 years</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64 years</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
</tbody>
</table>

**Per Cent of Total Cases Compared to Population**

- **Age**
  - 0 to 17 years: 12% of 2,096,996 population
  - 18 to 29 years: 24% of 1,703,423 population
  - 30 to 49 years: 34% of 2,725,450 population
  - 50 to 64 years: 19% of 1,856,788 population
  - 65+: 10% of 1,268,675 population

- **Race**
  - Asian: 5% of 1,492,554 population
  - Black: 5% of 811,476 population

- **Hispanic/Latino**
  - 62% of 4,890,980 population

- **White**
  - 13% of 2,19,709 population

- **Other**
  - 15% of 373,415 population

- **Gender**
  - Female: 52% of 4,890,980 population
  - Male: 48% of 4,761,012 population

**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

0% 1% 6% 19% 74%
0 to 17 yrs 18 to 29 yrs 30 to 49 yrs 50 to 64 yrs 65+

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

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

Source: Los Angeles Department of Public Health.
Key Takeaways:

- An average of 39,033 Cases reported in CA from 12/31 to 1/7 (1.6% increase)

- LA County accounts for 34.6% of cases in CA with an average of 14,637 new cases reported from 12/31 to 1/7 (1.9% increase)

- The City of LA accounts for 14% of cases in CA with an average of 5,840 new cases reported from 12/31 to 1/7 (1.9% increase)
Key Takeaways:

• An average of **380** Deaths reported in CA from 12/31 to 1/7 (1.4% increase)

• LA County accounts for **41.2%** of deaths in CA with an average of **173** new deaths reported from 12/31 to 1/7 (1.7% increase)

• The City of LA accounts for **17%** of deaths in CA with an average of **73** new deaths reported from 12/31 to 1/7 (1.7% 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
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 • Two-day lag

HOSPITALIZATIONS

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

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>Category</th>
<th>Value</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>280</td>
<td>9.2%</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>2,768</td>
<td>90.8%</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>740.7K</td>
<td></td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>46.5K</td>
<td></td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
<td></td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- 9.2% of the total 311 calls were COVID-related.
- Wait time for each call was **0.9 mins**

**CALL THEMES**

- Testing
- Financial help
- Questions about orders or violations

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

**Source:** ITA - 311 Contact Center
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:

- **7.2K** new claims from 12/13-12/19, 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 **11%** for LA County. This is lower than October’s numbers (12%).

- **1,357,746** 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.*

Source: California EDD

Prepared by Mayor’s Innovation Team
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

[Bar chart showing monthly sales tax revenue from January to October 2019 and 2020, with percentage changes indicated.]
End of Report
January 7, 2021