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COVID-19 DATA SUMMARY

Data Snapshot
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: 1/10/21 - 1/16/21

**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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**STATE REOPENING METRICS**

As of Jan 26, 2021, 1 PM

<table>
<thead>
<tr>
<th>METRICS</th>
<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>New COVID-19 positive cases per 100K</td>
<td>1/26/21</td>
<td>96.5</td>
<td>-36.0%</td>
<td>1/19/21</td>
<td>150.7</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>1/26/21</td>
<td>48.2</td>
<td>-36.0%</td>
<td>1/19/21</td>
<td>75.3</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>1/26/21</td>
<td>13.9</td>
<td>-3.2% (% Point Difference)</td>
<td>1/19/21</td>
<td>17.1%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>1/26/21</td>
<td>18.30%</td>
<td>-4.1% (% Point Difference)</td>
<td>1/19/21</td>
<td>22.40%</td>
</tr>
</tbody>
</table>

**Source:** California Department of Public Health

Prepared by Mayor’s Innovation Team

Page 4
**Key Takeaways:**
The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases** (vs baseline), **New Deaths**, **7-Day COVID Positive Test Rate** (vs baseline), **New Hospitalizations** (vs baseline), **Acute Care Bed Capacity** (vs baseline), **ICU Bed Capacity** (vs baseline), and **LA City Unemployment Insurance Claims**

The following metrics have seen **desirable** movement over the past seven days: **New Cases** (vs last week), **7-Day COVID Positive Test Rate** (vs last week), **New Hospitalizations** (vs last week), **Acute Care Bed Capacity** (vs last week), **ICU Bed Capacity** (vs last week), and **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 1/27/2021*

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<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><strong>New Cases</strong> (7-day avg.)</td>
<td>7,734 (7-day avg)</td>
<td>➡️</td>
<td>-26.8%</td>
<td>➡️</td>
<td>+641.5%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>211 (7-day avg)</td>
<td>➡️</td>
<td>+4.2%</td>
<td>➡️</td>
<td>+317.2%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of one week ago)</td>
<td>12.4% (overall)</td>
<td>➡️</td>
<td>-2.5%</td>
<td>➡️</td>
<td>+0.8% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day average)*</td>
<td>471 (7-day avg)</td>
<td>➡️</td>
<td>-21.2%</td>
<td>➡️</td>
<td>+203%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day average)*</td>
<td>338 (7-day avg)</td>
<td>➡️</td>
<td>+35.2%</td>
<td>➡️</td>
<td>-69.7%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day average)*</td>
<td>56 (7-day avg)</td>
<td>➡️</td>
<td>+74.2%</td>
<td>➡️</td>
<td>-76.9%</td>
</tr>
<tr>
<td><strong>LA City Crime</strong> (7-day avg) baseline = 2020 YTD</td>
<td>407 daily crimes (7-day avg) as of 1/23/2021</td>
<td>➡️</td>
<td>-15.9%</td>
<td>➡️</td>
<td>-30.3%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims</strong> (includes PUA) baseline = equivalent 2019 week</td>
<td>8,445 as of 1/9/2021</td>
<td>➡️</td>
<td>+77.5%</td>
<td>➡️</td>
<td>+178%</td>
</tr>
</tbody>
</table>
COVID-19 DATA SUMMARY

United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 27, 2021, 4:00 PM • One-day lag

Cases have begun to decrease overall but remain high. Top five states, based on new cases over the last day include:

#1: 3,169.9K cases in California (+16.7K) - 8013 per 100K
38.2K deaths in California (+697) - 96.6 per 100K

#2: 2,292.7K cases in Texas (+19.6K) - 7988 per 100K
35.2K deaths in Texas (+467) - 122.5 per 100K

#3: 1,645.5K cases in Florida (+8.2K) - 7725 per 100K
26.2K deaths in Florida (+169) - 123.2 per 100K

#4: 1,361.1K cases in New York State (+11.0K) - 6964 per 100K
34.6K deaths in New York State (+172) - 176.9 per 100K

#5: 1,112.2K cases in Illinois (+3.8K) - 8729 per 100K
20.9K deaths in Illinois (+96) - 164.4 per 100K

Rounding out the top ten are: Ohio, Pennsylvania, Arizona, North Carolina, Georgia

California ranks ... #1 in Cases #25 in Cases per 100K
#1 in Deaths #37 in Deaths per 100K

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 27, 2021, 4:00 PM • One-day lag

Cases have begun to decrease overall but remain high. Top five states, based on new cases over the last day include:

#1: 2,292.7K cases in Texas (+19.6K) - 7988 per 100K
35.2K deaths in Texas (+467) - 122.5 per 100K

#2: 3,169.9K cases in California (+16.7K) - 8013 per 100K
38.2K deaths in California (+697) - 96.6 per 100K

#3: 1,361.1K cases in New York State (+11.0K) - 6964 per 100K
34.6K deaths in New York State (+172) - 176.9 per 100K

#4: 1,645.5K cases in Florida (+8.2K) - 7725 per 100K
26.2K deaths in Florida (+169) - 123.2 per 100K

#5: 738.6K cases in Arizona (+5.9K) - 10298 per 100K
12.6K deaths in Arizona (+195) - 176.3 per 100K

Rounding out the top ten are: Pennsylvania, North Carolina, Ohio, Virginia, New Jersey

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

#1 in Deaths
#37 in Deaths per 100K

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

**Yuma, Arizona: 16,202 cases** per 100K
(34,637 total cases)

**Lubbock, Texas: 14,957 cases** per 100K
(46,452 total cases)

**Imperial, California: 14,244 cases** per 100K
(25,812 total cases)

**Whitfield, Georgia: 14,063 cases** per 100K
(14,714 total cases)

**Potter, Texas (Amarillo): 13,939 cases** per 100K
(16,367 total cases)

**Los Angeles, California: 10,875 cases** per 100K
(1,091,712 total cases)

*Los Angeles County ranks #36 out of 584 counties with 100K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of January 27, 2021, 4:00 PM • One-day lag

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

**Bronx, New York: 378.6 deaths** per 100K
(5,369 total deaths)

**Navajo, Arizona: 377.7 deaths** per 100K
(419 total deaths)

**Queens, New York: 356.4 deaths** per 100K
(8,033 total deaths)

**Kings, New York: 323.4 deaths** per 100K
(8,278 total deaths)

**Yuma, Arizona: 320.4 deaths** per 100K
(685 total deaths)

**Los Angeles, California: 158.4 deaths** per 100K
(15,897 total deaths)

*Los Angeles County ranks #140 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 7,734 new cases.

The past seven days have seen an average daily increase of 211 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
### LA County Daily Cases

<table>
<thead>
<tr>
<th>Date</th>
<th>LA County New Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/1</td>
<td>815</td>
</tr>
<tr>
<td>5/1</td>
<td>1,071</td>
</tr>
<tr>
<td>6/1</td>
<td>2,642</td>
</tr>
<tr>
<td>7/1</td>
<td>1,177</td>
</tr>
<tr>
<td>8/1</td>
<td>830</td>
</tr>
<tr>
<td>9/1</td>
<td>2,238</td>
</tr>
<tr>
<td>10/1</td>
<td>9,243</td>
</tr>
<tr>
<td>11/1</td>
<td>13,185</td>
</tr>
<tr>
<td>12/1</td>
<td>11,366</td>
</tr>
<tr>
<td>1/1</td>
<td>6,592</td>
</tr>
</tbody>
</table>

### Infection Rate

- **Ideal**: < 1.0
- **LA County**: 0.85
- **California**: 3.19
- **United States**: 25.7
- **Global**: 101.2

### Key Takeaways

- LA County accounts for **34.5%** of cases in CA with an average of **7,734** new cases reported from 1/21 to 1/28 (-3.4% decrease).

### Cumulative Cases

<table>
<thead>
<tr>
<th>Source</th>
<th>Cumulative</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles County</td>
<td>6,592</td>
<td>1,097,941</td>
</tr>
<tr>
<td>California</td>
<td>16,696</td>
<td>3.19M</td>
</tr>
<tr>
<td>United States</td>
<td>148,489</td>
<td>25.7M</td>
</tr>
<tr>
<td>Global</td>
<td>570,148</td>
<td>101.2M</td>
</tr>
</tbody>
</table>

**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

### DAILY MORTALITY IN LA COUNTY

<table>
<thead>
<tr>
<th>Date</th>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/28</td>
<td>213</td>
<td>16,107</td>
</tr>
</tbody>
</table>

### LOS ANGELES

- Mortality Rate: 1.4%
- New Deaths: 213
- Total Deaths: 16,107

### CALIFORNIA

- New Deaths: 737
- Total Deaths: 38,961

### UNITED STATES

- New Deaths: 3,697
- Total Deaths: 431.1K

### GLOBAL

- New Deaths: 15,856
- Total Deaths: 2.2M

### KEY TAKEAWAYS

- LA County accounts for **41.3%** of deaths in CA with an average of **211** new deaths reported from 1/21 to 1/28 (-3.2% decrease)

### CUMULATIVE DEATHS

- **16,107** deaths

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Prepared by Mayor’s Innovation Team
KEY TAKEAWAYS

- At least 3,831,390 tests have been performed at City of Los Angeles since 3/20.
- On average, 14,113 tests were performed each day from 1/21 to 1/27.
- 434,907 of the 3,764,857 tests for which results were received were positive (11.7%).

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

POSSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/3-day for 7-day rate)

City Tests Since last report: 13.7K
City Tests Since 3/20: 3.83M
Total City Sites Available Today: 10
Available City Testing Capacity Today: 26.2K
Cumulative City - Tests: 11.7%
Cumulative County - Tests: 9.9%
Cumulative County - People: 19.0%
County's 7-day Rate For Tests (1 week lag): 12.4%
City's 7-day Rate For Tests (2 day lag): 20.12%

*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 5,445,817 people and a total of 13,218,750 specimens (tests)

COUNTY POSITIVITY RATE (7-day lag)

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

Source: City of Los Angeles
At least 56,224 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: -2.8% change
ICU HOSPITALIZED: -2.5% change

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

All metrics last updated at 1 PM, January 21, 2021

13% 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 25.4% of Cases still under investigation

MOST IMPACTED GROUPS

• Hispanic/Latino Americans
• Females
• 30-59 year olds
• 18-29 year olds
• Native Hawaiian or Other Pacific Islander

Legend:

- Percent of LA County Population
- Percent of Total Cases

Source: Los Angeles Department of Public Health.

Prepared by Mayor’s Innovation Team
## LA County Cumulative COVID-19 Deaths by Demographics

All metrics last updated at 1 PM, January 21, 2021

### PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of Deaths</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>0%</td>
<td>2,096,996 population</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1%</td>
<td>1,703,423 population</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>6%</td>
<td>2,725,650 population</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
<td>1,856,788 population</td>
</tr>
<tr>
<td>65+</td>
<td>73%</td>
<td>1,368,675 population</td>
</tr>
</tbody>
</table>

### KEY TAKEAWAYS

- Data is incomplete with **1.3% 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
- Native Hawaiian or Other Pacific Islander

### Legend

- Percent of LA County Population
- Percent of Total Deaths

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

Comparative Updates
DAILY TOTALS
(ROLLING AVERAGE)

City + County + State Update
As of January 28, 2021, Updated 1:00 PM

Daily Confirmed Cases, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/21 to 1/28</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases Reported</td>
<td>21,081</td>
<td>7,734 (34.5% of cases in CA)</td>
<td>3,133 (14.6% of cases in CA)</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>-2.0%</td>
<td>-3.4%</td>
<td>-0.5%</td>
</tr>
</tbody>
</table>

Daily Confirmed Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/21 to 1/28</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths Reported</td>
<td>565</td>
<td>211 (41.3% of deaths in CA)</td>
<td>80 (17% of deaths in CA)</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>4.4%</td>
<td>-3.2%</td>
<td>-3.6%</td>
</tr>
</tbody>
</table>

Prepared by Mayor’s Innovation Team

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.
Medical Capacity and Supplies
Key Takeaways:
358 total beds

Since last week, there has been a:

- **26.1% decrease** in available acute care beds. Surge capacity is 13,400*

- **26% increase** in available ICU beds. Surge capacity is 3,000*

- **12.9% increase** 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 27 • One-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

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY
City Response and Preparedness
**Hotline Services: 311 Calls**

<table>
<thead>
<tr>
<th></th>
<th>COVID-Related Calls</th>
<th>Non-COVID Related Calls</th>
<th>All 311/Hotline Calls Since 3/26</th>
<th>Total COVID Calls - Since 3/26</th>
<th>Total Calls for Angeleno Card</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>205</strong></td>
<td>790.5K</td>
<td>51.2K</td>
<td>30,455</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COVID-Related Calls**
- COVID-Related Calls: 205
- Non-COVID Related Calls: 2,842
- All 311/Hotline Calls Since 3/26: 790.5K
- Total COVID Calls - Since 3/26: 51.2K
- Total Calls for Angeleno Card: 30,455

**KEY TAKEAWAYS**
- 7.21% of the total 311 calls were COVID-related.
- Wait time was 0.5 mins for each call.

**CALL THEMES**
- Vaccine availability
- Testing or results
- Financial help
- Travel form problems

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

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

Economic Analysis
Key Takeaways:
• 8,400 new claims from 1/3-1/9, including Pandemic Unemployment Assistance (PUA). This is the highest total since the week ending 9/26/20.
• 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.
• November’s unemployment (seasonally-adjusted) is estimated at 11% for LA County. This is lower than October’s numbers (12%).
• 1,377,379 total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020/21.

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
End of Report
January 28, 2021