DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 313
Tuesday January 19, 2021

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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
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 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: 1/3/21 - 1/9/21

**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.

<table>
<thead>
<tr>
<th>State Reopening 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><strong>New COVID-19 positive cases per 100K</strong></td>
<td>1/12/21</td>
<td>150.7</td>
<td>+18.4%</td>
<td>1/12/21</td>
<td>127.3</td>
</tr>
<tr>
<td><strong>Adjusted case rate for tier assignment</strong></td>
<td>1/12/21</td>
<td>75.3</td>
<td>-2.2%</td>
<td>1/12/21</td>
<td>77</td>
</tr>
<tr>
<td><strong>Positivity Rate</strong></td>
<td>1/12/21</td>
<td>17.1%</td>
<td>-3.4% (% Point Difference)</td>
<td>1/12/21</td>
<td>20.5%</td>
</tr>
<tr>
<td><strong>Health Equity Metric (starting 10/6)</strong></td>
<td>1/12/21</td>
<td>22.40%</td>
<td>-3.90% (% Point Difference)</td>
<td>1/12/21</td>
<td>26.3%</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
- **MODERATE**: Some indoor business operations are open with modifications
- **MINIMAL**: Most indoor business operations are open with modifications

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

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 (vs baseline), New Deaths (vs baseline), 7-Day COVID Positive Test Rate (vs baseline), New Hospitalizations (vs baseline), Acute Care Bed Capacity, ICU Bed Capacity (vs baseline), and LA City Unemployment Insurance Claims (vs baseline).

The following metrics have seen **desirable** movement over the past seven days: New Cases (vs last week), New Deaths (vs last week), New Hospitalizations (vs last week), 7-Day COVID Positive Test Rate (vs last week), ICU Bed Capacity (vs last week), LA City Crime, and LA City 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 1/15/2021**

### 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><strong>New Cases (7-day avg.)</strong></td>
<td>12,985 (7-day avg)</td>
<td>[Undesired Trend]</td>
<td>-14.2%</td>
<td>[Desired Trend]</td>
<td>+1144.9%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>209 (7-day avg)</td>
<td>[Desired Trend]</td>
<td>-9.0%</td>
<td>[Undesired Trend]</td>
<td>+312.7%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>15.9% (overall)</td>
<td>[Desired Trend]</td>
<td>-3.4%</td>
<td>[Undesired Trend]</td>
<td>+4.3% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td><strong>New Hospitalizations (7-day average)</strong></td>
<td>653 (7-day avg)</td>
<td>[Desired Trend]</td>
<td>-0.85%</td>
<td>[Undesired Trend]</td>
<td>+373%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity (7-day avg)</strong></td>
<td>215 (7-day avg)</td>
<td>[Undesired Trend]</td>
<td>-10.3%</td>
<td>[Desired Trend]</td>
<td>-80.7%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity (7-day avg)</strong></td>
<td>36 (7-day avg)</td>
<td>[Desired Trend]</td>
<td>+11.0%</td>
<td>[Undesired Trend]</td>
<td>-85.2%</td>
</tr>
<tr>
<td><strong>LA City Crime (7-day avg) baseline = 2020 YTD</strong></td>
<td>387 daily crimes (7-day avg) as of 1/9/2021</td>
<td>[Desired Trend]</td>
<td>-0.8%</td>
<td>[Undesired Trend]</td>
<td>-28.6%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</strong></td>
<td>4,757 as of 1/2/2021</td>
<td>[Undesired Trend]</td>
<td>-26.0%</td>
<td>[Desired Trend]</td>
<td>+194%</td>
</tr>
</tbody>
</table>

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

Prepared by Mayor’s Innovation Team

Page 6
COVID-19 DATA SUMMARY

United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 18, 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: 2,973.2K cases in California (+30.7K) - 7516 per 100K
33.6K deaths in California (+201) - 84.9 per 100K

#2: 2,125.6K cases in Texas (+11.6K) - 7405 per 100K
32.1K deaths in Texas (+46) - 111.8 per 100K

#3: 1,550.4K cases in Florida (+7.9K) - 7279 per 100K
24.7K deaths in Florida (+142) - 115.8 per 100K

#4: 1,245.6K cases in New York State (+12.2K) - 6373 per 100K
33.1K deaths in New York State (+155) - 169.1 per 100K

#5: 1,072.2K cases in Illinois (+3.4K) - 8415 per 100K
20.1K deaths in Illinois (+68) - 157.9 per 100K

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

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

#1 in Deaths
#39 in Deaths per 100K

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 18, 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: 2,973.2K cases in California (+30.7K) - 7516 per 100K
33.6K deaths in California (+201) - 84.9 per 100K

#2: 1,245.6K cases in New York State (+12.2K) - 6373 per 100K
33.1K deaths in New York State (+155) - 169.1 per 100K

#3: 2,125.6K cases in Texas (+11.6K) - 7405 per 100K
32.1K deaths in Texas (+46) - 111.8 per 100K

#4: 1,550.4K cases in Florida (+7.9K) - 7279 per 100K
24.7K deaths in Florida (+142) - 115.8 per 100K

#5: 446.6K cases in Virginia (+7.2K) - 5242 per 100K
5.7K deaths in Virginia (+10) - 67.4 per 100K

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

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

#1 in Deaths
#39 in Deaths per 100K

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

**Yuma, Arizona:** 15,512 cases per 100K (33,163 total cases)

**Lubbock, Texas:** 14,647 cases per 100K (45,490 total cases)

**Imperial, California:** 13,935 cases per 100K (25,253 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 13,682 cases per 100K (26,425 total cases)

**Potter, Texas (Amarillo):** 13,582 cases per 100K (15,947 total cases)

**Los Angeles, California:** 10,203 cases per 100K (1,024,297 total cases)

Los Angeles County ranks #46 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**: 371.7 deaths per 100K (5,272 total deaths)
- **Navajo, Arizona**: 353.4 deaths per 100K (392 total deaths)
- **Queens, New York**: 348.4 deaths per 100K (7,852 total deaths)
- **Kings, New York**: 314.7 deaths per 100K (8,057 total deaths)
- **Essex, New Jersey (NYC Metro Area)**: 310.3 deaths per 100K (2,479 total deaths)

**Los Angeles, California**: 138.8 deaths per 100K (13,937 total deaths)

Los Angeles County ranks #165 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 **12,985 new cases**

The past seven days have seen an average daily increase of **209 new deaths**
KEY TAKEAWAYS

• LA County accounts for 34.4% of cases in CA with an average of 12,985 new cases reported from 1/12 to 1/19 (1.4% 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 41.9% of deaths in CA with an average of 209 new deaths reported from 1/12 to 1/19 (1.6% 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 3,699,870 tests have been performed at City of Los Angeles since 3/20
- On average, 17,230 tests were performed each day from 1/12 to 1/18
- 411,678 of the 3,647,993 tests for which results were received were positive (11.5%)

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>1.4K</td>
<td>10</td>
<td>11.5%</td>
</tr>
<tr>
<td>City Tests</td>
<td>Total City Sites Available Today</td>
<td>Cumulative City - Tests</td>
</tr>
<tr>
<td>3.7M</td>
<td>28.8K</td>
<td>9.9%</td>
</tr>
<tr>
<td>City Tests</td>
<td>Avail. City Testing Capacity Today</td>
<td>Cumulative County - Tests</td>
</tr>
</tbody>
</table>

#### KEY TAKEAWAYS

- LA County has tested a total of at least 5,266,941 people and a total of 12,490,665 specimens (tests).

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

![Graph showing county positivity rate]

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

**Source:** City of Los Angeles

---

City positive rate as of January 18/17, 2021
County metrics as of January 12, 2021

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*
At least 52,476 people have been hospitalized since 3/18

Currently Hospitalized: -0.9% change

ICU Hospitalized: -2% change

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

13% 0 to 17 yrs
24% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
10% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

KEY TAKEAWAYS

• Data is incomplete with 25.8% 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+

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

**Age**
- 0 to 17 yrs: 0% of 2,096,996 population
- 18 to 29 yrs: 1% of 1,703,423 population
- 30 to 49 yrs: 7% of 2,725,650 population
- 50 to 64 yrs: 19% of 1,856,788 population
- 65+: 74% of 1,248,675 population

**Race**
- Asian: 14% of 1,092,554 population
- Black: 9% of 811,076 population
- Hispanic/Latino: 51% of 4,808,564 population
- White: 24% of 2,619,709 population
- Other: 2% of 3,73,415 population

**Gender**
- Female: 42% of 4,810,980 population
- Male: 58% of 4,760,352 population

KEY TAKEAWAYS
- Data is incomplete with 1% 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

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

Source: Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY
Testing Details
Key Takeaways:

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

Current Positive Rates by Age Group

- **26.2%** for ages 0-17
- **19%** for ages 18-29
- **19.8%** for ages 30-49
- **22.6%** for ages 50-64
- **21.6%** for ages 65+

Source: Healthvana

Prepared by Mayor’s Innovation Team

Page 23
Key Takeaways:

- Individuals experiencing symptoms are testing positive at a rate of 29.9%.
- Individuals not experiencing symptoms are testing positive at a rate of 15.1%.
- Last week’s overall positive rate for symptomatic and asymptomatic individuals is 21%.

Note: A portion of test results reported from 9/23 to 10/23 and in late November is missing symptom-type information.

Source: Healthvana

*Overall positive rate only (not cumulative) only includes data results with complete symptomatic/asymptomatic information.

Prepared by Mayor’s Innovation Team
Key Takeaways:
Positive Testing Rates from 1/9 to 1/15*

- Hispanic/Latino—25.9%
- American Indian/Alaska Native—18.9%
- Black—12.1%
- Native Hawaiian/Pacific Islander—14.4%
- White—10.9%
- Asian—11.8%
- Overall Positive Rate: 20.8

Weekly City Positive Testing by Race
June 23 to January 15 • Four-day lag

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

Prepared by Mayor’s Innovation Team
Page 25
Key Takeaways:
Positive Testing Rates from 6/23 to 1/15

- Hispanic/Latino — 19.5%
- White — 4.4%
- Asian — 5.3%
- Black — 7.5%
- Other — 13.2%
- Native Hawaiian/Pacific Islander — 7.6%
- American Indian/Alaska Native — 13.7%
- Multi-racial — 4.9%
- Overall Positive Rate: 12.5%

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

Prepared by Mayor’s Innovation Team
Page 26
COVID-19 DATA SUMMARY
Comparative Updates
## Daily Confirmed Cases, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/2 to 1/19</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases Reported</td>
<td>35,669</td>
<td>12,985 (34.4% of cases in CA)</td>
<td>5,182 (13.9% of cases in CA)</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>+1.2%</td>
<td>+1.4%</td>
<td>+1.4%</td>
</tr>
</tbody>
</table>

## Daily Confirmed Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/12 to 1/19</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths Reported</td>
<td>461</td>
<td>209 (41.8% of death in CA)</td>
<td>83 (17.3% of deaths in CA)</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>+1.4%</td>
<td>+1.6%</td>
<td>+1.6%</td>
</tr>
</tbody>
</table>
COVID-19 • LOS ANGELES COUNTY

Medical Capacity and Supplies
Key Takeaways:
254 total beds

Since last week, there has been a:
• **17.3% decrease** in available acute care beds. Surge capacity is 13,400*

• **34.8% increase** in available ICU beds. Surge capacity is 3,000*

• **26.8% 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 15 • Four-Day Lag

HOSPITALIZATIONS

<table>
<thead>
<tr>
<th>ICU BEDS</th>
<th>ACUTE CARE BEDS</th>
<th>VENTILATORS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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.
<table>
<thead>
<tr>
<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>222</td>
<td>1,319</td>
<td>766.9K</td>
<td>49.4K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- **14%** of the total 311 calls were COVID-related.
- Wait time was **3.2 mins for each call.**

**CALL THEMES**

- Testing or results
- Vaccine availability
- Financial help
- Questions or complaints about orders

**Legend:**

- 311 - COVID
- 311 - Non-COVID

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

Economic Analysis
Key Takeaways:

- **4.8K** new claims from 12/27-1/2, 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%)

- **1,368,934** 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
14.6% decrease compared to last year
• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631
End of Report
January 19, 2021