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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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**Statewide Metrics as of 1/11/21**

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

*Source: State of California*
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.

Source: California Department of Public Health
Prepared by Mayor’s Innovation Team
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### LOS ANGELES COUNTY

#### KEY METRICS

As of January 11, 2021, 3 PM

#### METRICS

<table>
<thead>
<tr>
<th></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>15,301 (7-day avg)</td>
<td>➔</td>
<td>+11.3%</td>
<td>➔</td>
<td>+1,367.0%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>220 (7-day avg)</td>
<td>➔</td>
<td>+18.3%</td>
<td>➔</td>
<td>+335.6%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>20.7% (overall)</td>
<td>➔</td>
<td>+1.4%</td>
<td>➔</td>
<td>+9.1% <strong>COVID+ Test Rate is % Point Difference w/ baseline</strong></td>
</tr>
<tr>
<td><strong>New Hospitalizations (7-day average)</strong>*</td>
<td>632 (7-day avg)</td>
<td>➔</td>
<td>+2.1%</td>
<td>➔</td>
<td>+306%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity (7-day avg)</strong>**</td>
<td>240 (7-day avg)</td>
<td>➔</td>
<td>-7.6%</td>
<td>➔</td>
<td>-78.5%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity (7-day avg)</strong>**</td>
<td>31 (7-day avg)</td>
<td>➔</td>
<td>+7%</td>
<td>➔</td>
<td>-87.4%</td>
</tr>
<tr>
<td><strong>LA City Crime (7-day avg)</strong> baseline = 2019 YTD</td>
<td>390 daily crimes (7-day avg) as of 12/31/2020</td>
<td>➔</td>
<td>-14.8%</td>
<td>➔</td>
<td>-23.8%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims (includes PUA)</strong> baseline = equivalent 2019 week</td>
<td>6,431 as of 12/26/2020</td>
<td>➔</td>
<td>-11.1%</td>
<td>➔</td>
<td>+384%</td>
</tr>
</tbody>
</table>

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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 (vs baseline), and LA City Unemployment Insurance Claims (vs baseline).

The following metrics have seen **desirable** movement over the past seven days: ICU Bed Capacity (vs last week), LA City Crime, and 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.

LA County has not updated the new hospitalizations, and bed Capacity (Acute and ICU) data since 1/5.

**As of 1/9/21, data from an alternate source.**

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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 10, 2021, 4:00 PM • One-day lag

**Cases are on the rise, particularly in the West**
Top five states, based on new cases over the last day include:

1. **#1**: 2,671.0K cases in California (+49.7K) - 6752 per 100K
   29.7K deaths in California (+468) - 75.1 per 100K

2. **#2**: 1,954.4K cases in Texas (+15.9K) - 6809 per 100K
   29.9K deaths in Texas (+186) - 104.1 per 100K

3. **#3**: 1,450.6K cases in Florida (+12.0K) - 6810 per 100K
   23.3K deaths in Florida (+111) - 109.2 per 100K

4. **#4**: 1,126.4K cases in New York State (+15.4K) - 5764 per 100K
   31.7K deaths in New York State (+153) - 162.1 per 100K

5. **#5**: 1,028.8K cases in Illinois (+4.7K) - 8074 per 100K
   19.3K deaths in Illinois (+83) - 151.4 per 100K

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

**California ranks ...**

- **#1** in Cases
- **#29** in Cases per 100K
- **#3** in Deaths
- **#39** in Deaths per 100K

Source: COVID Tracking Project
Prepared by Mayor’s Innovation Team
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 10, 2021, 4:00 PM • One-day lag

**Cases are on the rise, particularly in the West.** Top five states, based on new cases over the last day include:

1. **California**
   - 2,671.0K cases (+49.7K) - 6752 per 100K
   - 29.7K deaths (+468) - 75.1 per 100K

2. **Texas**
   - 1,954.4K cases (+15.9K) - 6809 per 100K
   - 29.9K deaths (+186) - 104.1 per 100K

3. **New York State**
   - 1,126.4K cases (+15.4K) - 5764 per 100K
   - 31.7K deaths (+153) - 162.1 per 100K

4. **Florida**
   - 1,450.6K cases (+12.0K) - 6810 per 100K
   - 23.3K deaths (+111) - 109.2 per 100K

5. **Arizona**
   - 618.5K cases (+11.2K) - 8624 per 100K
   - 10.1K deaths (+105) - 141.4 per 100K

Rounding out the top ten are: North Carolina, Pennsylvania, Tennessee, Georgia, Oklahoma

**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:

**Yuma, Arizona:** 14,626 cases per 100K (31,268 total cases)

**Lubbock, Texas:** 14,244 cases per 100K (44,238 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 13,423 cases per 100K (25,924 total cases)

**Potter, Texas (Amarillo):** 13,322 cases per 100K (15,642 total cases)

**Imperial, California:** 13,259 cases per 100K (24,028 total cases)

Los Angeles, California: 9,167 cases per 100K (920,324 total cases)

*Los Angeles County ranks #59 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:** 366.3 deaths per 100K (5,195 total deaths)

**Queens, New York:** 339.5 deaths per 100K (7,652 total deaths)

**Navajo, Arizona:** 335.4 deaths per 100K (372 total deaths)

**Kings, New York:** 308.4 deaths per 100K (7,895 total deaths)

**Essex, New Jersey (NYC Metro Area):** 304.0 deaths per 100K (2,429 total deaths)

Los Angeles, California: 122.0 deaths per 100K (12,252 total deaths)

Los Angeles County ranks #190 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 15,301 new cases.

The past seven days have seen an average daily increase of 220 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 34.4% of cases in CA with an average of 15,301 new cases reported from 1/4 to 1/11 (1.8% increase).

CUMULATIVE CASES

Infection Rate Ideal < 1.0

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infection Rate</td>
<td>New Cases</td>
<td>Total Cases</td>
<td>New Cases</td>
</tr>
<tr>
<td>0.97</td>
<td>12,617</td>
<td>932,697</td>
<td>39,839</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

**KEY TAKEAWAYS**

- LA County accounts for **41.3%** of deaths in CA with an average of **220** new deaths reported from 1/4 to 1/11 (2.0% 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 3,562,181 tests have been performed at City of Los Angeles since 3/20

- On average, 37,790 tests were performed each day from 1/4 to 1/10

- 374,364 of the 3,474,156 tests for which results were received were positive (10.9%)
LA Testing Updates • Positivity Rate

POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day for 7-day rate)

City positive rate as of January 10/11, 2021
County metrics as of January 4, 2021

KEY TAKEAWAYS

- LA County has tested a total of at least 5,018,807 people and a total of 11,636,717 specimens (tests)

COUNTY POSITIVITY RATE (7-day lag)

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

Source: City of Los Angeles
At least 44,430 people have been hospitalized since 3/18

Currently Hospitalized: +0.2% change
ICU Hospitalized: +0.7% change
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+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

1,209,996 population
2,096,996 population
1,703,423 population
2,725,450 population
1,856,788 population
1,248,675 population
811,476 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

All metrics last updated at 1 PM, January 2, 2021

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

Legend

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

- **30%** for ages 0-17
- **22%** for ages 18-29
- **22%** for ages 30-49
- **24.9%** for ages 50-64
- **24.8%** for ages 65+

![Weekly City Positive Testing by Age](chart)

Source: Healthvana

Prepared by Mayor’s Innovation Team
Key Takeaways:

• Individuals experiencing symptoms are testing positive at a rate of 34.4%.

• Individuals not experiencing symptoms are testing positive at a rate of 16.3%.

• Last week’s overall positive rate for symptomatic and asymptomatic individuals is 23.6%*

Note: A portion of test results reported from 9/23 to 10/23 and in late November is missing symptom-type information.
Key Takeaways:
Positive Testing Rates from 1/2 to 1/8*

- Hispanic/Latino—30.3%
- American Indian/Alaska Native—24.8%
- Black—13%
- Native Hawaiian/Pacific Islander—16.5%
- White—10.6%
- Asian—13%
- Overall Positive Rate: 23.4%

*Only data with complete race/ethnicity information was included

Source: Healthvana
Prepared by Mayor’s Innovation Team
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Key Takeaways:
Positive Testing Rates from 6/23 to 1/8

- Hispanic/Latino — 19.6%
- White — 4.3%
- Asian — 5.2%
- Black — 7.4%
- Other — 11.8%
- Native Hawaiian/Pacific Islander — 7.5%
- American Indian/Alaska Native — 13.9%
- 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
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COVID-19 DATA SUMMARY
Comparative Updates
As of January 11, 2021, Updated 1:00 PM

Daily Confirmed Cases, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/4 to 1/11</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases Reported</td>
<td>41,415</td>
<td>15,301 (34.4% of cases in CA)</td>
<td>6,033 (13.9% of cases in CA)</td>
</tr>
<tr>
<td>% Change from Last Week</td>
<td>+1.6%</td>
<td>+1.8%</td>
<td>+1.8%</td>
</tr>
</tbody>
</table>

Daily Confirmed Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/4 to 1/11</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths Reported</td>
<td>476 (41.3% of death in CA)</td>
<td>220 (17% of deaths in CA)</td>
<td>92</td>
</tr>
<tr>
<td>% Change from Last Week</td>
<td>+1.6%</td>
<td>+2%</td>
<td>+2.1%</td>
</tr>
</tbody>
</table>
COVID-19 DATA SUMMARY
City Response and Preparedness
Hotline Services: 311 Calls

<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>54</td>
<td>613</td>
<td>748.3K</td>
<td>47.3K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

8% of the total 311 calls were COVID-related.

Wait time for each call was 2.1 mins

CALL THEMES

- Testing or results
- Financial help
- Vaccine availability

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:
- **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*
ECONOMIC ANALYSIS

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

Source: California EDD
Prepared by Mayor’s Innovation Team
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End of Report
January 11, 2021