DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 298
Monday January 4, 2020

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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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

- **93.1** New COVID-19 Positive Cases Per Day Per 100k Residents
- **14.5%** 7-Day Positivity Rate
- **0.0%** ICU Availability


Prepared by Mayor’s Innovation Team

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### ICU Availabilities as of 1/4/21

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>30.0%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>7.9%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>12.1%</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>

Last Updated 12/30/2020

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### Current Regional Stay Home Order Status
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.

<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>12/29</td>
<td>132.7</td>
<td>+25.2%</td>
<td>12/22</td>
<td>106</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>12/29</td>
<td>66.4</td>
<td>+25.3%</td>
<td>12/22</td>
<td>53</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>12/29</td>
<td>16.5%</td>
<td>+2.2%</td>
<td>12/22</td>
<td>14.3%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>12/29</td>
<td>23.4%</td>
<td>+3.1%</td>
<td>12/22</td>
<td>20.3%</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

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

The following metrics have seen **desirable** movement over the past seven days:
- **New Hospitalizations** (vs 7-day average), **New Cases** (vs 7-day average), 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 12/31/20**

#### Metrics Table

<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>13,749 (7-day avg)</td>
<td>-2.9%</td>
<td>-1218.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>186 (7-day avg)</td>
<td>+103.8%</td>
<td>+268.4%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>19.4% (overall)</td>
<td>+2.6%</td>
<td>+7.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)**</td>
<td>608 (7-day vg)</td>
<td>-0.7%</td>
<td>+290.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>259 (7-day avg)</td>
<td>-8.6%</td>
<td>-76.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>29 (7-day avg)</td>
<td>-12.6%</td>
<td>-88.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2019 YTD</td>
<td>427 daily crimes (7-day avg) as of 12/26/2020</td>
<td>-0.6%</td>
<td>-25.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>7,233 as of 12/19/2020</td>
<td>+6%</td>
<td>+444%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 3, 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: 2,391.3K cases in California (+45.4K) - 6045 per 100K
   26.5K deaths in California (+181) - 67.1 per 100K

#2: 1,793.3K cases in Texas (+16.1K) - 6248 per 100K
   27.9K deaths in Texas (+50) - 97.3 per 100K

#3: 1,341.3K cases in Florida (+10.2K) - 6297 per 100K
   22.3K deaths in Florida (+100) - 104.7 per 100K

#4: 1,017.2K cases in New York State (+11.4K) - 5204 per 100K
   30.5K deaths in New York State (+139) - 155.9 per 100K

#5: 979.8K cases in Illinois (+4.5K) - 7690 per 100K
   18.3K deaths in Illinois (+105) - 143.8 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

Source: COVID Tracking Project
Prepared by Mayor’s Innovation Team
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 3, 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: 2,391.3K cases in California (+45.4K) - 6045 per 100K
26.5K deaths in California (+181) - 67.1 per 100K

#2: 556.4K cases in Arizona (+17.2K) - 7758 per 100K
9.1K deaths in Arizona (+0) - 126.3 per 100K

#3: 1,793.3K cases in Texas (+16.1K) - 6248 per 100K
27.9K deaths in Texas (+50) - 97.3 per 100K

#4: 1,017.2K cases in New York State (+11.4K) - 5204 per 100K
30.5K deaths in New York State (+139) - 155.9 per 100K

#5: 1,341.3K cases in Florida (+10.2K) - 6297 per 100K
22.3K deaths in Florida (+100) - 104.7 per 100K

Rounding out the top ten are: South Carolina, Oklahoma, Ohio, North Carolina, Louisiana

California ranks ...
#1 in Cases
#3 in Deaths

#32 in Cases per 100K
#39 in Deaths per 100K

Legend for map

New cases per day in the United States
Top 5 per capita (per 100K) cases by County:

**Lubbock, Texas:** 13,724 cases per 100K (42,624 total cases)

**Yuma, Arizona:** 13,528 cases per 100K (28,921 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 13,108 cases per 100K (25,315 total cases)

**Potter, Texas (Amarillo):** 12,929 cases per 100K (15,181 total cases)

**Imperial, California:** 12,619 cases per 100K (22,867 total cases)

**Los Angeles, California:** 8,154 cases per 100K (818,639 total cases)

*Los Angeles County ranks #78 out of 584 counties with 100K+*
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York:** 362.9 deaths per 100K (5,147 total deaths)

**Queens, New York:** 336.6 deaths per 100K (7,586 total deaths)

**Navajo, Arizona:** 312.8 deaths per 100K (347 total deaths)

**Kings, New York:** 303.6 deaths per 100K (7,771 total deaths)

**Essex, New Jersey (NYC Metro Area):** 300.8 deaths per 100K (2,403 total deaths)

**Los Angeles, California:** 107.3 deaths per 100K (10,773 total deaths)

*Los Angeles County ranks #221 out of 584 counties with 100K+*
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Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 13,749 new cases.

The past seven days have seen an average daily increase of 186 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 34.2% of cases in CA with an average of 13,749 new cases reported from 12/28 to 1/4 (1.9% 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

**KEY TAKEAWAYS**

- LA County accounts for **40.7%** of deaths in CA with an average of **186** new deaths reported from 12/28 to 1/4 (**1.9%** 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 3,334,752 tests have been performed at City of Los Angeles since 3/20

• On average, 23,946 tests were performed each day from 12/28 to 1/3

• 334,338 of the 3,288,745 tests for which results were received were positive (10.3%)

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

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

- **TESTS COMPLETED**: 29.1K (City Tests) 3.33M (City Tests)
- **AVAILABILITY**: 10 (Total City Sites) 41K (Available City Testing Capacity)
- **POSITIVITY RATE**
  - Cumulative City - Tests: 10.3%
  - Cumulative County - Tests: 9.0%
  - Cumulative County - People: 16.3%
  - County's 7-day Rate For Tests (1 week lag): 19.4%
  - City's 7-day Rate For Tests (2 day lag): 26.43%

*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 4,804,155 people and a total of 10,942,987 specimens (tests)

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

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

Source: City of Los Angeles

Prepared by Mayor’s Innovation Team
City positive rate as of January 3/2, 2021
County metrics as of December 28, 2020
**LA Hospitalization Updates**

**NEW HOSPITALIZATIONS IN LA COUNTY**

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>EQUIPMENT AVAILABILITY</th>
<th>SO-CAL REGIONAL ICU CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>528</td>
<td>235</td>
<td>761</td>
</tr>
<tr>
<td>New</td>
<td>Total Beds Available</td>
<td>ICU Beds Available</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>Acute Care Beds Available</td>
<td>Ventilators Available</td>
</tr>
<tr>
<td>7,898</td>
<td>212</td>
<td>23</td>
</tr>
<tr>
<td>Current</td>
<td>Total Hospitalizations</td>
<td>0.0%</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>Available</td>
<td>As of 1/4</td>
</tr>
<tr>
<td>42.5K</td>
<td>Available</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>Available</td>
<td></td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

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

**CURRENTLY HOSPITALIZED:** +2.6%

**INCREASE IN ICU:** +1.8%

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.

**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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Demographic Comparisons
PERCENT OF TOTAL CASES COMPARED TO POPULATION

Age
- 0 to 17 yrs: 12% of 2,096,996 population
- 18 to 29 yrs: 25% of 1,703,423 population
- 30 to 49 yrs: 34% of 2,725,450 population
- 50 to 64 yrs: 19% of 1,856,788 population
- 65+ yrs: 10% of 1,268,675 population

Race
- Asian: 5% of 1,492,554 population
- Black: 5% of 811,476 population
- Hispanic/Latino: 61% of 4,808,364 population
- White: 14% of 2,619,709 population
- Other: 15% of 373,415 population

Gender
- Female: 51% of 4,890,981 population
- Male: 49% of 4,761,012 population

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*

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>0%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>7%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>74%</td>
</tr>
</tbody>
</table>

### Key Takeaways

- Data is incomplete with **0.4% of deaths still under investigation**
- 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.
COVID-19 DATA SUMMARY
Testing Details
Key Takeaways:
In this past week, positive testing rate increased for all age groups

Current Positive Rates by Age Group
- 33.2% for ages 0-17
- 24.7% for ages 18-29
- 24.8% for ages 30-49
- 28.2% for ages 50-64
- 26% for ages 65+

Weekly City Positive Testing by Age
June 23 to January 1 • Four-day lag

Source: Healthvana
Prepared by Mayor’s Innovation Team
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Key Takeaways:

- Individuals experiencing symptoms are testing positive at a rate of **37.5%**

- Individuals not experiencing symptoms are testing positive at a rate of **18.8%**

- Last week’s overall positive rate for symptomatic and asymptomatic individuals is **26.6%**

*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 12/26 to 1/1*

- Hispanic/Latino—33.5%
- American Indian/Alaska Native—25.7%
- Black—16.9%
- Native Hawaiian/Pacific Islander—18.7%
- White—12.2%
- Asian—13.9%
- Overall Positive Rate: 26.4%

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

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

- Hispanic/Latino—18%
- White—3.9%
- Asian—4.4%
- Black—6.7%
- Other—11.8%
- Native Hawaiian/Pacific Islander—6.5%
- American Indian/Alaska Native—12.4%
- Multi-racial—4.3%

- Overall Positive Rate: 11.2%

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

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COVID-19 DATA SUMMARY

Comparative Updates
Key Takeaways:

• An average of 37,845 Cases reported in CA from 12/28 to 1/4 (1.6% increase)

• LA County accounts for 34.2% of cases in CA with an average of 13,749 new cases reported from 12/28 to 1/4 (1.9% increase)

• The City of LA accounts for 13.8% of cases in CA with an average of 5,437 new cases reported from 12/28 to 1/4 (1.8% increase)
Key Takeaways:

• An average of 336 Deaths reported in CA from 12/28 to 1/4 (1.3% increase)

• LA County accounts for 40.7% of deaths in CA with an average of 186 new deaths reported from 12/28 to 1/4 (1.9% increase)

• The City of LA accounts for 16.7% of deaths in CA with an average of 74 new deaths reported from 12/28 to 1/4 (1.9% 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.

CA’s new deaths/total for 11/24 do not include Los Angeles County
COVID-19 • LOS ANGELES COUNTY

Medical Capacity and Supplies
Key Takeaways:

235 total beds

Since last week, there has been a:

- **30.3% decrease** in available acute care beds. Surge capacity is 11,482*
- **11.5% decrease** in available ICU beds. Surge capacity is 4,067*
- **13.4% 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 December 31 • Four-day lag

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

**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.

*Additional surge capacity beyond these numbers may be possible based on individual hospital's bed and staff surge plans.*
COVID-19 DATA SUMMARY

City Response and Preparedness
Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>54</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>533</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>730.8K</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>45.5K</td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

- 9.1% of the total 311 calls were COVID-related.
- Wait time for each call was 4.6 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.

New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of December 19, 2020

Prepared by Mayor's Innovation Team

Source: California EDD
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

Source: California EDD
Prepared by Mayor’s Innovation Team