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- Data Snapshot
- United States Update
- Key Indicators
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
- 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: 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 EquityMetric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts.

<table>
<thead>
<tr>
<th>County risk level</th>
<th>New cases</th>
<th>positive tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDESPREAD</td>
<td>More than 7</td>
<td>More than 8%</td>
</tr>
<tr>
<td></td>
<td>daily new cases (per 100k)</td>
<td>positive tests</td>
</tr>
<tr>
<td>SUBSTANTIAL</td>
<td>4 - 7</td>
<td>5 - 8%</td>
</tr>
<tr>
<td>MODERATE</td>
<td>1 - 3.9</td>
<td>2 - 4.9%</td>
</tr>
<tr>
<td>MINIMAL</td>
<td>Less than 1</td>
<td>Less than 2%</td>
</tr>
<tr>
<td></td>
<td>daily new cases (per 100k)</td>
<td>positive tests</td>
</tr>
</tbody>
</table>

**Source:** California Department of Public Health

Prepared by Mayor’s Innovation Team

**Page 5**
LOS ANGELES COUNTY
KEY METRICS

As of January 5, 2021, 3 PM

TODAY’S AVERAGES
CURRENT TREND VS LAST WEEK
% CHANGE VS LAST WEEK
CURRENT TREND VS BASELINE
% CHANGE VS BASELINE

New Cases (7-day avg.)
13,774 (7-day avg)
-2.8%
+1220.6%

New Deaths (7-day avg.)
186 (7-day avg)
+67.0%
+267.5%

COVID 7-Day Positive Test Rate (as of one week ago)
20.5% (overall)
+3.8%

Acute Care Bed Capacity (7-day avg)**
259 (7-day avg)
-8.6%
-76.8%

ICU Bed Capacity (7-day avg)**
29 (7-day avg)
-12.6%
-88.2%

LA City Crime (7-day avg)
baseline = 2019 YTD
427 daily crimes
(7-day avg) as of 12/26/2020
-0.6%
-25.9%

LA City Unemployment Ins. Claims (includes PUA)
baseline = equivalent 2019 week
7,233
as of 12/19/2020
+6%
+444%

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, 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 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

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 4, 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:

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Cases</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>California</td>
<td>2,420.9K</td>
<td>26.6K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(+29.6K)</td>
<td>(+97)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6120 per 100K</td>
<td>67.3 per 100K</td>
</tr>
<tr>
<td>#2</td>
<td>Texas</td>
<td>1,811.5K</td>
<td>28.0K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(+18.2K)</td>
<td>(+52)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6311 per 100K</td>
<td>97.4 per 100K</td>
</tr>
<tr>
<td>#3</td>
<td>Florida</td>
<td>1,352.2K</td>
<td>22.4K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(+10.9K)</td>
<td>(+105)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6348 per 100K</td>
<td>105.2 per 100K</td>
</tr>
<tr>
<td>#4</td>
<td>New York State</td>
<td>1,028.4K</td>
<td>30.6K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(+11.2K)</td>
<td>(+172)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5262 per 100K</td>
<td>156.8 per 100K</td>
</tr>
<tr>
<td>#5</td>
<td>Illinois</td>
<td>984.9K</td>
<td>18.4K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(+5.1K)</td>
<td>(+90)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7729 per 100K</td>
<td>144.5 per 100K</td>
</tr>
</tbody>
</table>

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 4, 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: 2,420.9K cases in California (+29.6K) - 6120 per 100K
26.6K deaths in California (+97) - 67.3 per 100K

#2: 1,811.5K cases in Texas (+18.2K) - 6311 per 100K
28.0K deaths in Texas (+52) - 97.4 per 100K

#3: 1,028.4K cases in New York State (+11.2K) - 5262 per 100K
30.6K deaths in New York State (+172) - 156.8 per 100K

#4: 1,352.2K cases in Florida (+10.9K) - 6348 per 100K
22.4K deaths in Florida (+105) - 105.2 per 100K

#5: 255.4K cases in Washington State (+8.6K) - 3389 per 100K
3.5K deaths in Washington State (+2) - 45.9 per 100K

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

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:** 13,745 cases per 100K  
(42,689 total cases)

**Yuma, Arizona:** 13,616 cases per 100K  
(29,109 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 13,117 cases per 100K  
(25,333 total cases)

**Potter, Texas (Amarillo):** 13,004 cases per 100K  
(15,269 total cases)

**Imperial, California:** 12,665 cases per 100K  
(22,951 total cases)

**Los Angeles, California:** 8,243 cases per 100K  
(827,498 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:** 363.3 deaths per 100K  
(5,153 total deaths)

**Queens, New York:** 336.8 deaths per 100K  
(7,592 total deaths)

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

**Kings, New York:** 304.0 deaths per 100K  
(7,783 total deaths)

**Essex, New Jersey (NYC Metro Area):** 300.9 deaths per 100K  
(2,404 total deaths)

**Los Angeles, California:** 108.1 deaths per 100K  
(10,850 total deaths)

*Los Angeles County ranks #219 out of 584 counties with 100K+
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
LA County New Cases and New Deaths, 7-Day Average

**CASES DAILY UPDATE**
- Infection Rate: 1.11
- New Cases: 13,152
- Total Cases: 840,611

**DEATHS DAILY UPDATE**
- Mortality Rate: 1.3%
- New Deaths: 224
- Total Deaths: 11,071

**7-DAY AVERAGE OF CASES & DEATHS**

**KEY TAKEAWAYS**

The past seven days have seen an **average daily increase of 13,774 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

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Prepared by Mayor’s Innovation Team
## LA County Case Updates

### Los Angeles

<table>
<thead>
<tr>
<th>Infection Rate</th>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.11</td>
<td>13,152</td>
<td>840,611</td>
</tr>
</tbody>
</table>

### California

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>31,440</td>
<td>2.45M</td>
</tr>
</tbody>
</table>

### United States

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>164,402</td>
<td>20.9M</td>
</tr>
</tbody>
</table>

### Global

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>668,403</td>
<td>86.2M</td>
</tr>
</tbody>
</table>

### Key Takeaways

- LA County accounts for **34.3%** of cases in CA with an average of **13,774** new cases reported from 12/29 to 1/5 (**1.8%** 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. |
|---|---|
| 840,611      |
| 3/2          | 1/5 |
LA County Mortality Updates

All metrics last updated at 1 PM, January 5, 2021

**KEY TAKEAWAYS**

- LA County accounts for **41.0%** of deaths in CA with an average of **186** new deaths reported from 12/29 to 1/5 (**1.9%** increase)

**CUMULATIVE DEATHS**

- **Los Angeles**
  - Mortality Rate: 1.3%
  - New Deaths: 224
  - Total Deaths: 11,071

- **California**
  - New Deaths: 368
  - Total Deaths: 27,003

- **United States**
  - New Deaths: 3,030
  - Total Deaths: 355.7K

- **Global**
  - New Deaths: 14,011
  - Total Deaths: 1.9M

Prepared by Mayor’s Innovation Team

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 **3,371,604** tests have been performed at City of Los Angeles since 3/20
- On average, **24,213** tests were performed each day from 12/29 to 1/4
- **337,424** of the **3,303,289** tests for which results were received were positive (10.4%)

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

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

COUNTY POSITIVITY RATE (7-day lag)

Count: Cumulative County - People
City's 7-day Rate: For Tests (2 day lag)
City positive rate as of January 4/3, 2021
City metrics as of December 29, 2020

*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 4,825,956 people and a total of 11,004,981 specimens (tests)

County's 7-day Rate For Tests (1 week lag)
City's 7-day Rate For Tests (2 day lag)

LA Testing Updates • Positivity Rate

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

Prepared by Mayor’s Innovation Team
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>207</td>
<td>291</td>
<td>799</td>
</tr>
<tr>
<td>New Hosp (as of 1/3)</td>
<td>Current Hospitalizations</td>
<td>ICU Beds Available</td>
</tr>
<tr>
<td>8,023</td>
<td>264</td>
<td>Ventilators Available</td>
</tr>
<tr>
<td>Total Hospitalizations</td>
<td>Total Beds Available</td>
<td></td>
</tr>
<tr>
<td>43.1K</td>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

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

CURRENTLY HOSPITALIZED: +1.6%

INCREASE IN ICU: +0.9%

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

*New hospitalizations data for 3/1 to 1/3 are from an alternate data source from LA County Department of Public Health

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.
COVID-19 • LOS ANGELES

Demographic Comparisons
Cases by Demographics*

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

**PERCENT OF TOTAL CASES COMPARED TO 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*

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent of Total Deaths</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>6%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>74%</td>
</tr>
</tbody>
</table>

PERCENTAGE OF TOTAL DEATHS COMPARED TO POPULATION

- **Age**
  - 0 to 17: 0%
  - 18 to 29: 1%
  - 30 to 49: 6%
  - 50 to 64: 19%
  - 65+: 74%

- **Race**
  - Asian: 14%
  - Black: 9%
  - Hispanic/Latino: 51%
  - White: 24%
  - Other: 2%

- **Gender**
  - Female: 43%
  - Male: 57%

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.
COVID-19 DATA SUMMARY

Comparative Updates
Key Takeaways:

- An average of 37,873 Cases reported in CA from 12/29 to 1/5 (1.6% increase)

- LA County accounts for 34.3% of cases in CA with an average of 13,774 new cases reported from 12/29 to 1/5 (1.8% increase)

- The City of LA accounts for 13.8% of cases in CA with an average of 5,404 new cases reported from 12/29 to 1/5 (1.8% increase)

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. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

Prepared by Mayor’s Innovation Team
MORTALITY

City + County + State Daily Confirmed Deaths, 7-Day Average
As of January 5, 2021, 1:00 PM

Key Takeaways:

• An average of 354 Deaths reported in CA from 12/29 to 1/5 (1.3% increase)

• LA County accounts for 41.0% of deaths in CA with an average of 186 new deaths reported from 12/29 to 1/5 (1.9% increase)

• The City of LA accounts for 16.9% of deaths in CA with an average of 77 new deaths reported from 12/29 to 1/5 (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 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>Calls</td>
<td>423</td>
<td>3,055</td>
<td>734.3K</td>
<td>46K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

3.2% of the total 311 calls were COVID-related.

Wait time for each call was 2.1 mins

CALL THEMES

- Testing
- Financial help
- Questions about orders or violations

Legend:

- 311 - COVID
- 311 - Non-COVID

Source: ITA - 311 Contact Center

Prepared by Mayor’s Innovation Team
Page 26

All metrics last updated January 4, 2021
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
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
End of Report
January 5, 2020