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- United States Update
- Key Indicators
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
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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*

### Statewide Metrics as of 1/12/21

- **91.7** New COVID-19 Positive Cases Per Day Per 100k Residents
- **17.6%** 7-Day Positivity Rate
- **0.0%** ICU Availability

### ICU Availabilities as of 1/12/21

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>17.6%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>4.7%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>9.4%</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>

*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 Equity Metric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts.

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**STATE REOPENING METRICS**

<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>1/12/21</td>
<td>127.3</td>
<td>+18.0%</td>
<td>1/5/21</td>
<td>107.9</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>1/12/21</td>
<td>77</td>
<td>+17.0%</td>
<td>1/5/21</td>
<td>65.8</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>1/12/21</td>
<td>20.5%</td>
<td>+2.7% (Point Difference)</td>
<td>1/5/21</td>
<td>17.8%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>1/12/21</td>
<td>26.3%</td>
<td>+1.3% (Point Difference)</td>
<td>1/5/21</td>
<td>25.0%</td>
</tr>
</tbody>
</table>

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- **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

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

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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, New Deaths, 7-Day COVID Positive Test Rate** (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:
- **ICU Bed Capacity** (vs last week), **LA City Crime, 7-Day COVID Positive Test Rate** (vs last week), 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*

<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>15,301 (7-day avg)</td>
<td></td>
<td>+11.3%</td>
<td></td>
<td>+1,367.0%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>220 (7-day avg)</td>
<td></td>
<td>+18.3%</td>
<td></td>
<td>+335.6%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>19.8% (overall)</td>
<td></td>
<td>-0.6%</td>
<td></td>
<td>+8.2%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)</td>
<td>668 (7-day avg)</td>
<td></td>
<td>+5.8%</td>
<td></td>
<td>+329.6%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)</td>
<td>238 (7-day avg)</td>
<td></td>
<td>-4.6%</td>
<td></td>
<td>-78.7%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)</td>
<td>35 (7-day avg)</td>
<td></td>
<td>+21.8%</td>
<td></td>
<td>-85.5%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) 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>LA City Unemployment Ins. Claims (includes PUA) 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>
COVID-19 DATA SUMMARY

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

#1: 2,710.8K cases in California (+39.8K) - 6852 per 100K  
30.0K deaths in California (+264) - 75.8 per 100K

#2: 1,969.2K cases in Texas (+14.8K) - 6861 per 100K  
29.9K deaths in Texas (+56) - 104.3 per 100K

#3: 1,462.0K cases in Florida (+11.3K) - 6863 per 100K  
23.4K deaths in Florida (+163) - 110.0 per 100K

#4: 1,140.2K cases in New York State (+13.7K) - 5834 per 100K  
31.8K deaths in New York State (+169) - 162.9 per 100K

#5: 1,033.5K cases in Illinois (+4.8K) - 8111 per 100K  
19.4K deaths in Illinois (+70) - 152.0 per 100K

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

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

#2 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 11, 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: 2,710.8K cases in California (+39.8K) - 6852 per 100K
30.0K deaths in California (+264) - 75.8 per 100K

#2: 1,969.2K cases in Texas (+14.8K) - 6861 per 100K
29.9K deaths in Texas (+56) - 104.3 per 100K

#3: 1,140.2K cases in New York State (+13.7K) - 5834 per 100K
31.8K deaths in New York State (+169) - 162.9 per 100K

#4: 1,462.0K cases in Florida (+11.3K) - 6863 per 100K
23.4K deaths in Florida (+163) - 110.0 per 100K

#5: 627.5K cases in Arizona (+9.0K) - 8750 per 100K
10.1K deaths in Arizona (+6) - 141.5 per 100K

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

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

#2 in Deaths
#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:

Yuma, Arizona: **14,735 cases** per 100K
(31,501 total cases)

Lubbock, Texas: **14,300 cases** per 100K
(44,411 total cases)

Minnehaha, South Dakota (Sioux Falls): **13,448 cases** per 100K
(25,972 total cases)

Imperial, California: **13,372 cases** per 100K
(24,233 total cases)

Potter, Texas (Amarillo): **13,367 cases** per 100K
(15,695 total cases)

Los Angeles, California: **9,291 cases** per 100K
(932,697 total cases)

*Los Angeles County ranks #58 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**: 367.2 deaths per 100K (5,208 total deaths)
- **Queens, New York**: 340.0 deaths per 100K (7,664 total deaths)
- **Navajo, Arizona**: 335.4 deaths per 100K (372 total deaths)
- **Kings, New York**: 309.2 deaths per 100K (7,914 total deaths)
- **Essex, New Jersey (NYC Metro Area)**: 304.0 deaths per 100K (2,429 total deaths)

**Los Angeles, California**: 123.4 deaths per 100K (12,387 total deaths)

*Los Angeles County ranks #188 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University

Prepared by Mayor’s Innovation Team
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 15,135 new cases.

The past seven days have seen an average daily increase of 229 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 Case Updates

LOS ANGELES
0.97
New Cases: 11,994
Total Cases: 944,319
Infection Rate: Ideal < 1.0

CALIFORNIA
New Cases: 36,487
Total Cases: 2.75M

UNITED STATES
New Cases: 210,961
Total Cases: 22.7M

GLOBAL
New Cases: 603,059
Total Cases: 91.3M

LA COUNTY DAILY CASES

LA County accounts for 34.4% of cases in CA with an average of 15,135 new cases reported from 1/5 to 1/12 (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.
**KEY TAKEAWAYS**

- LA County accounts for **41.5%** of deaths in CA with an average of **229** new deaths reported from 1/5 to 1/12 (2.1% 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 3,594,606 tests have been performed at City of Los Angeles since 3/20

• On average, 36,858 tests were performed each day from 1/5 to 1/11

• 380,197 of the 3,503,061 tests for which results were received were positive (11.0%)

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

**KEY TAKEAWAYS**

• LA County has tested a total of at least 5,047,651 people and a total of 11,733,867 specimens (tests).

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

City positive rate as of January 10/11, 2021

City metrics as of January 5, 2021

Positivity Rate

LA County has tested a total of at least 5,047,651 people and a total of 11,733,867 specimens (tests).
KEY TAKEAWYS

At least 49,108 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: +0.3% change
ICU HOSPITALIZED: +0.1% change

-Key Takeaways
At least 49,108 people have been hospitalized since 3/18

Currently Hospitalized: +0.3% change
ICU Hospitalized: +0.1% change

Los Angeles

<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>670</td>
<td>7,949</td>
<td>49.1K</td>
</tr>
</tbody>
</table>

Equipment Availability

<table>
<thead>
<tr>
<th>Total Beds Available</th>
<th>Acute Care Beds Available</th>
<th>ICU Beds Available</th>
<th>Ventilators Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>243</td>
<td>188</td>
<td>55</td>
<td>826</td>
</tr>
</tbody>
</table>

So-Cal Regional ICU Capacity

-As of 1/12: 0.0%

Additional Information:
The Regional Stay at 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
COVID-19 • LOS ANGELES

Demographic Comparisons
Cases by Demographics

### 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

Comparative Updates
**Daily Confirmed Cases, 7-Day Average**

- **Week of 1/5 to 1/12**
  - **CA**: 42,136 (34.4% of cases in CA)
  - **LA County**: 15,135 (13.9% of cases in CA)
  - **City of LA**: 6,114
  - **% Change from Last Week**: +1.6% for CA, +1.8% for LA County, +1.8% for City of LA

**Daily Confirmed Deaths, 7-Day Average**

- **Week of 1/5 to 1/12**
  - **CA**: 501 (41.5% of deaths in CA)
  - **LA County**: 229 (17.2% of deaths in CA)
  - **City of LA**: 98
  - **% Change from Last Week**: +1.6% for CA, +2.1% for LA County, +2.2% for City of LA

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.
COVID-19 • LOS ANGELES COUNTY
Medical Capacity and Supplies
Key Takeaways:
285 total beds

Since last week, there has been a:
• **17.2% decrease** in available acute care beds. Surge capacity is 13,400*

• **61.8% increase** in available ICU beds. Surge capacity is 3,000*

• **0.2% 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 12

**ICU BEDS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/6</td>
<td>1,665</td>
</tr>
<tr>
<td>1/7</td>
<td>1,636</td>
</tr>
<tr>
<td>1/8</td>
<td>1,781</td>
</tr>
<tr>
<td>1/9</td>
<td>1,778</td>
</tr>
<tr>
<td>1/10</td>
<td>1,731</td>
</tr>
<tr>
<td>1/11</td>
<td>1,671</td>
</tr>
<tr>
<td>1/12</td>
<td>1,657</td>
</tr>
</tbody>
</table>

**ACUTE CARE BEDS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/6</td>
<td>4,417</td>
</tr>
<tr>
<td>1/7</td>
<td>4,428</td>
</tr>
<tr>
<td>1/8</td>
<td>4,445</td>
</tr>
<tr>
<td>1/9</td>
<td>4,455</td>
</tr>
<tr>
<td>1/10</td>
<td>4,445</td>
</tr>
<tr>
<td>1/11</td>
<td>4,321</td>
</tr>
<tr>
<td>1/12</td>
<td>4,228</td>
</tr>
</tbody>
</table>

**VENTILATORS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Ventilators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/6</td>
<td>7,455</td>
</tr>
<tr>
<td>1/7</td>
<td>6,650</td>
</tr>
<tr>
<td>1/8</td>
<td>8,160</td>
</tr>
<tr>
<td>1/9</td>
<td>7,960</td>
</tr>
<tr>
<td>1/10</td>
<td>8,355</td>
</tr>
<tr>
<td>1/11</td>
<td>8,933</td>
</tr>
<tr>
<td>1/12</td>
<td>8,722</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.

Prepared by Mayor’s Innovation Team
Page 26
Hotline Services: 311 Calls

- 413 COVID Related Calls
- 3,035 Non-COVID Related Calls
- 751.8K All 311/Hotline Calls Since 3/26
- 47.7K Total COVID Calls - Since 3/26
- 30,455 Total Calls for Angeleno Card

All metrics last updated January 11, 2021

KEY TAKEAWAYS

- 12% of the total 311 calls were COVID-related.
- Wait time for each call was 1.0 mins

CALL THEMES

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

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

Source: ITA - 311 Contact Center
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

Source: California EDD
Prepared by Mayor’s Innovation Team
Page 30
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 12, 2021