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- Data Snapshot
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- Key Indicators
- Demographic Comparisons
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- Economic Analysis

Prepared by Mayor’s Innovation Team
COVID-19 restrictions: Regional Stay Home Order
(Southern California Order in Effect as of Dec 6, 2020, 11:59 PM)

The Regional Stay Home Order, announced December 3, 2020, and a supplemental order, signed December 6, 2020, will go 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;
- They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all others.

Once triggered, these orders will remain in effect for at least 3 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 3 week period.

ICU Availabilities as of December 10, 2020

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>30.3%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>17.8%</td>
<td>5 out of 11 Counties Opted In</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>13.3%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>1.9%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Southern California</td>
<td>7.7%</td>
<td>Threshold met</td>
</tr>
</tbody>
</table>

Statewide Metrics

- **34.0** New COVID-19 Positive Cases Per Day Per 100k Residents
- **8.4%** 7-Day Positivity Rate
- **9.9%** ICU Availability

Source: State of California

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.

**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**

### Current Los Angeles County Risk Level: Widespread

<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>12/8</td>
<td>41.8</td>
<td>+3.7%</td>
<td>12/1</td>
<td>40.3</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>12/8</td>
<td>26.9</td>
<td>+33.2%</td>
<td>12/1</td>
<td>20.2</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>12/8</td>
<td>8.7%</td>
<td>+1.7% (Point Difference)</td>
<td>12/1</td>
<td>7.0%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>12/8</td>
<td>13.9%</td>
<td>+7.4% (Point Difference)</td>
<td>11/10</td>
<td>6.5%</td>
</tr>
</tbody>
</table>

### Current Los Angeles County Risk Level: Widespread

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

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

The following metrics have seen **desirable** movement over the past seven days: *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 12/8/20

### METRICS

<table>
<thead>
<tr>
<th>As of December 10, 2020, 1 PM</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>9,576 (7-day avg)</td>
<td></td>
<td>+70.6%</td>
<td></td>
<td>+818.1%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>52 (7-day avg)</td>
<td></td>
<td>+78.2%</td>
<td></td>
<td>+3.7%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of one week ago)</td>
<td>11.8% (overall)</td>
<td></td>
<td>+4.6%</td>
<td></td>
<td>+0.2%</td>
</tr>
<tr>
<td><strong>New Hospitalizations (7-day avg)</strong></td>
<td>357 (7-day avg)</td>
<td></td>
<td>+31.5%</td>
<td></td>
<td>+130%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity (7-day avg)</strong></td>
<td>434 (7-day avg)</td>
<td></td>
<td>-21%</td>
<td></td>
<td>-61.1%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity (7-day avg)</strong></td>
<td>92 (7-day avg)</td>
<td></td>
<td>-18.2%</td>
<td></td>
<td>-70%</td>
</tr>
<tr>
<td><strong>LA City Crime (7-day avg)</strong> baseline = 2019 YTD</td>
<td>439 daily crimes (7-day avg)</td>
<td>as of 12/4/2020</td>
<td>-5.8%</td>
<td></td>
<td>-18.2%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims</strong> (includes PUA) baseline = equivalent 2019 week</td>
<td>5,201 as of 11/21/2020</td>
<td></td>
<td>-9.3%</td>
<td></td>
<td>+188%</td>
</tr>
</tbody>
</table>

Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
California again has the most cases and the Midwest remains an epicenter. There have been recent increases in parts of the Southwest as well. The top five states, based on overall cases include:

#1: 1,450.2K cases in California (+29.7K) - 3666 per 100K
20.5K deaths in California (+220) - 51.7 per 100K

#2: 1,296.1K cases in Texas (+12.5K) - 4515 per 100K
23.3K deaths in Texas (+244) - 81.3 per 100K

#3: 1,076.5K cases in Florida (+11.1K) - 5054 per 100K
19.9K deaths in Florida (+135) - 93.2 per 100K

#4: 823.5K cases in Illinois (+11.1K) - 6463 per 100K
14.8K deaths in Illinois (+232) - 116.5 per 100K

#5: 743.2K cases in New York State (+10.2K) - 3803 per 100K
27.5K deaths in New York State (+94) - 140.7 per 100K

Rounding out the top ten are: Ohio, Georgia, Pennsylvania, Wisconsin, Michigan

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

#3 in Deaths
#39 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
California is now one of the main epicenters, along with the Midwest, South, and increasingly the East Coast. The top five states, based on new cases over the last day include:

1. California
   - 1,450.2K cases (+29.7K) - 3666 per 100K
   - 20.5K deaths (+220) - 51.7 per 100K

2. Texas
   - 1,296.1K cases (+12.5K) - 4515 per 100K
   - 23.3K deaths (+244) - 81.3 per 100K

3. Pennsylvania
   - 457.3K cases (+12.0K) - 3570 per 100K
   - 12.0K deaths (+248) - 93.8 per 100K

4. Ohio
   - 531.9K cases (+11.7K) - 4549 per 100K
   - 7.3K deaths (+111) - 62.4 per 100K

5. Illinois
   - 823.5K cases (+11.1K) - 6463 per 100K
   - 14.8K deaths (+232) - 116.5 per 100K

Rounding out the top ten are: Florida, New York State, Indiana, Michigan, Georgia.

California ranks …

1. in Cases
41. in Cases per 100K
3. in Deaths
39. in Deaths per 100K

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

Prepared by Mayor’s Innovation Team
Top 5 per capita (per 100K) cases by County:

**Potter, Texas (Amarillo): 11,935 cases** per 100K
(14,013 total cases)

**Minnehaha, South Dakota (Sioux Falls): 11,542 cases**
per 100K (22,291 total cases)

**Lubbock, Texas: 11,295 cases** per 100K
(35,078 total cases)

**Woodbury, Iowa (Sioux City): 10,888 cases** per 100K
(11,226 total cases)

**El Paso, Texas: 10,861 cases** per 100K
(91,150 total cases)

**Los Angeles, California: 4,734 cases** per 100K
(475,271 total cases)

Los Angeles County ranks #244 out of 584 counties with 100K+
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York:** 355.0 deaths per 100K
(5,035 total deaths)

**Queens, New York:** 327.8 deaths per 100K
(7,388 total deaths)

**Kings, New York:** 294.5 deaths per 100K
(7,540 total deaths)

**Essex, New Jersey (NYC Metro Area):** 285.2 deaths per 100K
(2,279 total deaths)

**Passaic, New Jersey (NYC Metro Area):** 269.6 deaths per 100K
(1,353 total deaths)

**Los Angeles, California:** 80.4 deaths per 100K
(8,075 total deaths)

*Los Angeles County ranks #223 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 9,576 new cases.

The past seven days have seen an average daily increase of 52 new deaths.

Legend:
- New Cases (7-Day Rolling Average)
- New Deaths (7-Day Rolling Average)
- Safer At Home (SAH) Restriction Lifted
- SAH Restriction Reinstated

Source: Los Angeles County New Cases and New Deaths, 7-Day Average

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

New Los Angeles County case counts for 10/22-10/24 are inflated due to data backlogs from 10/17-10/21.
LA County Case Updates

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.14</td>
<td>12,819</td>
<td>29,677</td>
<td>198,413</td>
</tr>
<tr>
<td>Infection Rate</td>
<td>487,917</td>
<td>1.45M</td>
<td>15.5M</td>
</tr>
<tr>
<td>Ideal &lt; 1.0</td>
<td>New Cases</td>
<td>New Cases</td>
<td>New Cases</td>
</tr>
<tr>
<td></td>
<td>Total Cases</td>
<td>Total Cases</td>
<td>Total Cases</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- LA County accounts for **33.6%** of cases in CA with an average of **9,576** new cases reported from 12/3 to 12/10 (2.3% 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

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7%</td>
<td>220</td>
<td>3,321</td>
<td>12,834</td>
</tr>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>Total Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>74</td>
<td>20,463</td>
<td>291K</td>
<td>1.6M</td>
</tr>
</tbody>
</table>

All metrics last updated at 1 PM, December 10 2020

**KEY TAKEAWAYS**

- LA County accounts for 39.8% of deaths in CA with an average of 52 new deaths reported from 12/3 to 12/10 (0.7% 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 2,721,382 tests have been performed at City of Los Angeles since 3/20
- On average, 32,670 tests were performed each day from 12/3 to 12/9
- 197,679 of the 2,655,127 tests for which results were received were positive (7.6%)
LA Testing Updates • Positivity Rate

COUNTY POSITIVITY RATE (7-day lag)

Legend:

Source: City of Los Angeles

KEY TAKEAWAYS

• LA County has tested a total of at least 4,022,072 people and a total of 8,651,394 specimens (tests).

COUNTY POSITIVITY RATE (7-day lag)

City positive rate as of December 9, 2020
County metrics as of December 3, 2020

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

**NEW HOSPITALIZATIONS IN LA COUNTY**

<table>
<thead>
<tr>
<th>Date</th>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/31</td>
<td>379</td>
<td>3,624</td>
<td>32.1K</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>388</td>
<td>317</td>
<td>71</td>
<td>1141</td>
</tr>
</tbody>
</table>

**SO-CAL REGIONAL ICU CAPACITY**

- **Legend** (for graph on left)
  - New Hospitalizations (7 Day Rolling Average)
  - New Hospitalizations

- **Source**: City of Los Angeles

- **Notes**: All metrics as of December 9, unless otherwise noted.

**KEY TAKEAWAYS**

- At least 32,140 people have been hospitalized since 3/18

**CURRENTLY HOSPITALIZED**: +5.6%

**INCREASE IN ICU**: +3.3%

The Regional Stay Home Order went into effect on 12/6 at 11:59 PM, the day after the Southern California region dipped below 55% 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.

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

11% 0 to 17 yrs
25% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
11% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

KEY TAKEAWAYS
• Data is incomplete with 32.6% of cases still under investigation

MOST IMPACTED GROUPS
• Hispanic/Latino Americans
• Females
• 30-59 year olds
• 18-29 year olds

Source: Los Angeles Department of Public Health.
Deaths by Demographics*

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percent of 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>7%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>74%</td>
</tr>
</tbody>
</table>

**PERCENT OF TOTAL DEATHS COMPARED TO POPULATION**

- **Age**:
  - 0 to 17 yrs: 606,996 population (0%)
  - 18 to 29 yrs: 1,703,423 population (1%)
  - 30 to 49 yrs: 2,725,450 population (7%)
  - 50 to 64 yrs: 1,856,788 population (19%)
  - Over 65 yrs: 1,856,788 population (74%)

- **Race**:
  - Asian: 1,492,554 population (14%)
  - Black: 811,476 population (10%)
  - Hispanic/Latino: 4,808,364 population (51%)
  - White: 2,619,709 population (24%)
  - Other: 373,415 population (1%)

- **Gender**:
  - Female: 6,890,900 population (43%)
  - Male: 4,760,352 population (57%)

---

**KEY TAKEAWAYS**

- Data is incomplete with 0.3% of deaths still under investigation
- 7374 out of 7909 deaths (93.2%) had comorbidities (underlying conditions)

**MOST IMPACTED GROUPS**

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

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**Source**: Los Angeles Department of Public Health.

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY
Comparative Updates
Key Takeaways:

- An average of 26,528 Cases reported in CA from 12/3 to 12/10 (1.9% increase)

- LA County accounts for 33.6% of cases in CA with an average of 9,576 new cases reported from 12/3 to 12/10 (2.3% increase)

- The City of LA accounts for 13.7% of cases in CA with an average of 3,783 new cases reported from 12/3 to 12/10 (2.2% increase)
MORTALITY

Key Takeaways:
• An average of 147 Deaths reported in CA from 12/3 to 12/10 (0.7% increase)

• LA County accounts for 39.8% of deaths in CA with an average of 52 new deaths reported from 12/3 to 12/10 (0.7% increase)

• The City of LA accounts for 16.6% of deaths in CA with an average of 19 new deaths reported from 12/3 to 12/10 (0.6% 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.

Prepared by Mayor’s Innovation Team

CA’s new deaths/total for 11/24 do not include Los Angeles County
Key Takeaways:

- **388 total beds**

Since last week, there has been a:

- **11.2% decrease** in available acute care beds. Surge capacity is 11,482
- **6.6% decrease** in available ICU beds. Surge capacity is 4,067
- **10.2% increase** in available ventilators. Surge capacity is 3,199

County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories (ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)

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 9 • One-day lag

HOSPITALIZATIONS

ICU BEDS

ACUTE CARE BEDS

VENTILATORS

*No data for 7/31 currently available

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
### Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Category</th>
<th>Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>366</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>2,939</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>680.4K</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>40.2K</td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
</tr>
</tbody>
</table>

**All metrics last updated December 9, 2020**

**KEY TAKEAWAYS**

- 11% of the total 311 calls were COVID-related.

**CALL THEMES**

- Testing
- SERVE Program
- Parking
- Rent/eviction or financial help

**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:
• 5.2K new claims from 11/22-11/28, 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

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 November 28, 2020
Key Takeaways:
• September unemployment (seasonally-adjusted) is estimated at **12.3%** for LA County. This is lower than September’s numbers (15.5%)

• **1,336,119** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020
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