DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 287
Thursday December 24, 2020

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

*Surge capacity beyond these numbers may be possible based on individual hospital's bed and staff surge plans

Source: COVID19.CA.GOV

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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: 12/6/20 - 12/12/20

**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

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### 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>
### 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, New Hospitalizations, 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: 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 12/23/20**

### METRICS

As of December 24, 2020, 1 PM

<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>14,000 (7-day avg)</td>
<td></td>
<td></td>
<td>+4.9%</td>
<td>+1242.3%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>93 (7-day avg)</td>
<td></td>
<td></td>
<td>+24.5%</td>
<td>+83.9%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>16.6% (overall)</td>
<td></td>
<td></td>
<td>+2%</td>
<td>+2%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)*</td>
<td>612 (7-day avg)</td>
<td></td>
<td></td>
<td>+16.9%</td>
<td>+293.1%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)**</td>
<td>286 (7-day avg)</td>
<td></td>
<td></td>
<td>-11.6%</td>
<td>-74.4%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)**</td>
<td>37 (7-day avg)</td>
<td></td>
<td></td>
<td>-45%</td>
<td>-84.7%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2019 YTD</td>
<td>412 daily crimes (7-day avg) as of 12/19/2020</td>
<td></td>
<td></td>
<td>-10.1%</td>
<td>-34.1%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) (includes PUA) baseline = equivalent 2019 week</td>
<td>7,572 as of 12/5/2020</td>
<td></td>
<td></td>
<td>+45.6%</td>
<td>+293%</td>
</tr>
</tbody>
</table>

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Source: Los Angeles County Department of Health, COVID Tracking Project
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The past seven days have seen an average daily increase of 14,000 new cases.

The past seven days have seen an average daily increase of 93 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

**KEY TAKEAWAYS**
- LA County accounts for **33.8%** of cases in CA with an average of **14,000** new cases reported from 12/17 to 12/24 (2.4% 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 39.3% of deaths in CA with an average of 93 new deaths reported from 12/17 to 12/24 (1.1% increase)

CUMULATIVE DEATHS

<table>
<thead>
<tr>
<th></th>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality Rate</td>
<td>1.4%</td>
<td>351</td>
<td>2,998</td>
<td>12,777</td>
</tr>
<tr>
<td>New Deaths</td>
<td>148</td>
<td>23,635</td>
<td>328.1K</td>
<td>1.7M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>9,299</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
KEY TAKEAWAYS

• At least 3,155,779 tests have been performed at City of Los Angeles since 3/20

• On average, 38,422 tests were performed each day from 12/17 to 12/23

• 269,235 of the 3,022,032 tests for which results were received were positive (9%)

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)

City tests Since last report: 40.3K
City tests Since 3/20: 3.16M

AVAILABILITY
- Total City Sites Available Today: 10
- Avail. City Testing Capacity Today: 0.8K

POSITIVITY RATE
- Cumulative City - Tests: 9.0%
- Cumulative County - Tests: 8.0%
- Cumulative County - People: 14.2%
- County's 7-day Rate For Tests (1 week lag): 16.6%
- City's 7-day Rate For Tests (2 day lag): 19.42%

*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 4,502,552 people and a total of 10,030,000 specimens (tests)

COUNTY POSITIVITY RATE (7-day lag)

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

Source: City of Los Angeles
LA Hospitalization Updates

LOS ANGELES

<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>644</td>
<td>6,708</td>
<td>37,600</td>
</tr>
</tbody>
</table>

New Hospitalizations

CURRENTLY HOSPITALIZED

+3.2% INCREASE IN ICU:

+3.8%

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

All metrics as of December 23, unless otherwise noted.

KEY TAKEAWAYS

- At least 36,931 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: +3.2%

INCREASE IN ICU: +3.8%

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.
End of Report
December 24, 2020