INDEX

- Headlines of the Week
- County Projections
- Data Snapshot
- United States Update
- Key Indicators
- Demographic Comparisons
- Comparative Updates (LA City/County/CA)
- Medical Capacity and Supplies
- School Reopenings
- City Response and Preparedness
- Behavior Analysis
- Economic Analysis
- Actions December 2020
COVID-19 Highlights

Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of January 6, 2021

Source: CNN
UK becomes world's first to roll out Oxford/AstraZeneca vaccine as cases surge

Source: LA Times
Ambulance crews told not to transport patients who have little chance of survival

Source: Washington Post
Large-scale global study to investigate links between covid-19 and cognitive decline

Source: Washington Post
Los Angeles is running out of oxygen for patients as covid hospitalizations hit record highs nationwide

Source: LA Times
New, potentially more contagious variant of the coronavirus spreads in California
COVID-19 DATA SUMMARY

County Projections
KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County increased markedly in the last few weeks and has appeared to level off. This likely reflects relatively less transmission in the period from after Thanksgiving through the first half of Dec. The effect of transmission in the period from around Christmas to New Year’s has not yet been seen.

• Based on information that only reflects transmission occurring before Christmas, the estimated transmission number ("R") is 0.97 with an uncertainty of 0.93 to 1.01. This is a decrease from two weeks ago, when the estimate was 1.11 with an uncertainty of 1.06 to 1.17.

• Based on external population mobility data, transmission is likely to have increased during the last 10 days in Dec through New Year’s. Thus, it is likely R will rise above 1 in the coming weeks and cases will increase again over time.

• If transmission during the last 10 days in Dec and early Jan was similar to the transmission that occurred around Thanksgiving, we would expect additional demand for hospital-based services with likely shortages in the number of hospital beds and continued shortages in ICU beds over the next 4 weeks. The number of ventilators in Los Angeles County is likely adequate over the next 4 weeks.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?
The model suggests—if transmission did not increase over the holidays—that about 0.81% (uncertainty of 0.50% to 1.15%) of everyone in Los Angeles County is currently infected and infectious to others. The modeling team believes the true fraction who are infectious is likely higher.

This would suggest about 1 in 125 (between 1 in 200 and 1 in 90) Los Angeles County residents are currently infectious to others. The modeling team believes the true fraction who are infectious is likely higher. Two weeks ago, this estimate was 1 in 95.
Effective Transmission Number “R”
As of January 4, 2021

Start date July 1
Scale 0 to 2.0

Where we are today

R = 1.0

Note: We have adjusted the R that we present to account for the fraction of the population that is presumed to be immune to reinfection. At the beginning of the pandemic, this fraction was essentially zero so this would not have made any difference. But as more people have been infected, and are presumed to have immunity, we are presenting an R that includes this factor.
LOS ANGELES COUNTY PROJECTIONS

Hospital New Patient Projections: From Two Weeks Ago
As of December 21, 2020

Additional uncertainty if transmission behavior varies

Uncertainty with no change in transmission behavior
Hospital New Patient Projections: If No Higher Holiday Transmission
As of January 4, 2021

The number of new hospitalizations will be higher if there was a large increase in transmission during the holiday season.

Additional uncertainty if transmission behavior varies.

Uncertainty assuming no increase in transmission over the holiday season.

Start date July 1
Scale 0 to 1500/day

Where we are today
Los Angeles County Projections
Predictions of Demand in LA County | Hospital Beds
As of January 4, 2021

The hospital census will be higher if there was a large increase in transmission during the holiday season.

Additional uncertainty if transmission behavior varies.

Uncertainty with no recent change in transmission behavior.

Bed Capacity for COVID-19 Patients

Where we are today

Start date July 1
Scale 0 to 15,000

Total Hospital COVID Beds

0 1500 3000 4500 6000 7500 9000 10500 12000 13500 15000
07/26 08/15 09/30 10/25 11/25 12/25 01/25 02/25 03/25

Prepared by Mayor’s Innovation Team

Source: Los Angeles County Department of Health Services
Predictions of Demand in LA County | ICU Beds
As of January 4, 2021

The ICU census will be higher if there was a large increase in transmission during the holiday season. Additional uncertainty if transmission behavior varies.

Uncertainty with no recent change in transmission behavior.

Current ICU Bed Capacity for COVID-19 Patients

Where we are today

Start date July 1
Scale 0 to 4,000
Ventilator demand will be higher if there was a large increase in transmission during the holiday season.

Additional uncertainty if transmission behavior varies.

Uncertainty with no recent change in transmission behavior.

Ventilator Availability for COVID-19 Patients

Start date July 1
Scale 0 to 2,000

Where we are today
Predictions of Daily Mortality LA County - Scale 0 to 300/day
As of January 4, 2021

Start date July 1
Scale 0 to 300/day

Daily mortality will be higher if there was a large increase in transmission during the holiday season

Daily reported deaths

Δ 7-day running average

Uncertainty with no recent change in transmission behavior

Additional uncertainty if transmission behavior varies
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, 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

- **74.1** New COVID-19 Positive Cases Per Day Per 100k Residents
- **15.0%** 7-Day Positivity Rate
- **0.0%** ICU Availability

Source: State of California

---

Current Regional Stay Home Order Status

**ICU Availabilities as of 1/6/21**

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>24.4%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>7.4%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>11.1%</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>

Source: COVID19.CA.GOV

Prepared by Mayor’s Innovation Team

Page 15
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

<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>1/5/21</td>
<td>107.9</td>
<td>-18.7%</td>
<td>12/29</td>
<td>132.7</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>1/5/21</td>
<td>65.8</td>
<td>-0.9%</td>
<td>12/29</td>
<td>66.4</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>1/5/21</td>
<td>17.8%</td>
<td>+1.3%</td>
<td>12/29</td>
<td>16.5%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>1/5/21</td>
<td>25.0%</td>
<td>+1.6%</td>
<td>12/29</td>
<td>23.4%</td>
</tr>
</tbody>
</table>

**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

**Prepared by Mayor’s Innovation Team**

---

### 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><strong>WIDESPREAD</strong></td>
<td>Many non-essential indoor business operations are closed</td>
<td>More than 7 daily new cases (per 100k)</td>
</tr>
<tr>
<td><strong>SUBSTANTIAL</strong></td>
<td>Some non-essential indoor business operations are closed</td>
<td>4 - 7 daily new cases (per 100k)</td>
</tr>
<tr>
<td><strong>MODERATE</strong></td>
<td>Some indoor business operations are open with modifications</td>
<td>1 - 3.9 daily new cases (per 100k)</td>
</tr>
<tr>
<td><strong>MINIMAL</strong></td>
<td>Most indoor business operations are open with modifications</td>
<td>Less than 1 daily new cases (per 100k)</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, 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 1/5/21

### METRICS

<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><strong>New Cases (7-day avg.)</strong></td>
<td>13,981 (7-day avg)</td>
<td></td>
<td>+5.2%</td>
<td></td>
<td>+1240.5%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>184 (7-day avg)</td>
<td></td>
<td>+41.5%</td>
<td></td>
<td>+263.0%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate (as of one week ago)</strong></td>
<td>21.4% (overall)</td>
<td></td>
<td>+4.5%</td>
<td></td>
<td>+9.8% COVID+ Test Rate is % Point Difference w/ baseline</td>
</tr>
<tr>
<td><strong>New Hospitalizations (7-day average)</strong></td>
<td>632 (7-day avg)</td>
<td></td>
<td>+2.1%</td>
<td></td>
<td>+306%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity (7-day avg)</strong></td>
<td>225 (7-day avg)</td>
<td></td>
<td>-14.8%</td>
<td></td>
<td>-79.8%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity (7-day avg)</strong></td>
<td>30 (7-day avg)</td>
<td></td>
<td>-15%</td>
<td></td>
<td>-87.8%</td>
</tr>
<tr>
<td><strong>LA City Crime (7-day avg)</strong></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><strong>LA City Unemployment Ins. Claims (includes PUA)</strong></td>
<td>7,233 as of 12/19/2020</td>
<td></td>
<td>+6%</td>
<td></td>
<td>+444%</td>
</tr>
</tbody>
</table>

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 5, 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: 2,452.3K cases in California (+31.4K) - 6199 per 100K
27.0K deaths in California (+368) - 68.3 per 100K

#2: 1,843.2K cases in Texas (+31.6K) - 6421 per 100K
28.2K deaths in Texas (+250) - 98.3 per 100K

#3: 1,367.8K cases in Florida (+15.6K) - 6421 per 100K
22.5K deaths in Florida (+100) - 105.7 per 100K

#4: 1,041.0K cases in New York State (+12.7K) - 5327 per 100K
30.8K deaths in New York State (+154) - 157.6 per 100K

#5: 991.7K cases in Illinois (+6.8K) - 7783 per 100K
18.6K deaths in Illinois (+150) - 145.7 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
Page 19
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 5, 2021, 4:00 PM • One-day lag

Cases are on the rise throughout most of the United States.
Top five states, based on new cases over the last day include:

#1: 1,843.2K cases in Texas (+31.6K) - 6421 per 100K
28.2K deaths in Texas (+250) - 98.3 per 100K

#2: 2,452.3K cases in California (+31.4K) - 6199 per 100K
27.0K deaths in California (+368) - 68.3 per 100K

#3: 1,367.8K cases in Florida (+15.6K) - 6421 per 100K
22.5K deaths in Florida (+100) - 105.7 per 100K

#4: 1,041.0K cases in New York State (+12.7K) - 5327 per 100K
30.8K deaths in New York State (+154) - 157.6 per 100K

#5: 673.9K cases in Pennsylvania (+8.8K) - 5262 per 100K
16.5K deaths in Pennsylvania (+185) - 129.2 per 100K

Rounding out the top ten are: Ohio, Illinois, New Jersey, Georgia, Arizona

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

#3 in Deaths
#39 in Deaths per 100K
Top 5 per capita (per 100K) cases by County:

**Lubbock, Texas**: 13,830 cases per 100K
(42,951 total cases)

**Yuma, Arizona**: 13,642 cases per 100K
(29,165 total cases)

**Minnehaha, South Dakota (Sioux Falls)**: 13,170 cases per 100K
(25,435 total cases)

**Potter, Texas (Amarillo)**: 13,108 cases per 100K
(15,391 total cases)

**Imperial, California**: 12,711 cases per 100K
(23,035 total cases)

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

Prepared by Mayor’s Innovation Team

Los Angeles, California: 8,373 cases per 100K
(840,611 total cases)

Los Angeles County ranks #73 out of 584 counties with 100K+
Top 5 per capita (per 100K) deaths by County:

- **Bronx, New York**: 363.6 deaths per 100K (5,156 total deaths)
- **Queens, New York**: 337.2 deaths per 100K (7,600 total deaths)
- **Navajo, Arizona**: 322.7 deaths per 100K (358 total deaths)
- **Kings, New York**: 304.2 deaths per 100K (7,788 total deaths)
- **Essex, New Jersey (NYC Metro Area)**: 301.6 deaths per 100K (2,410 total deaths)

**Los Angeles, California**: 110.3 deaths per 100K (11,071 total deaths)

*Los Angeles County ranks #213 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 13,981 new cases.

The past seven days have seen an average daily increase of 184 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 accounts for 34.3% of cases in CA with an average of 13,981 new cases reported from 12/30 to 1/6 (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.
### Key Takeaways

- LA County accounts for **41.2%** of deaths in CA with an average of **184** new deaths reported from 12/30 to 1/6 (**1.8%** 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. |

### Dail Mortality in LA County

<table>
<thead>
<tr>
<th>Date</th>
<th>New Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/11</td>
<td>11,328</td>
</tr>
<tr>
<td>1/6</td>
<td>258</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mortality Rate</th>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3%</td>
<td>258</td>
<td>11,328</td>
</tr>
</tbody>
</table>

### California

<table>
<thead>
<tr>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>459</td>
<td>27,462</td>
</tr>
</tbody>
</table>

### United States

<table>
<thead>
<tr>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,943</td>
<td>359.6K</td>
</tr>
</tbody>
</table>

### Global

<table>
<thead>
<tr>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>13,954</td>
<td>1.9M</td>
</tr>
</tbody>
</table>

All metrics last updated at 1 PM, January 6, 2021
KEY TAKEAWAYS

• At least 3,413,711 tests have been performed at City of Los Angeles since 3/20

• On average, 24,218 tests were performed each day from 12/30 to 1/5

• 345,185 of the 3,333,651 tests for which results were received were positive (10.5%)

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)

KEY TAKEAWAYS

- LA County has tested a total of at least 4,847,170 people and a total of 11,070,525 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

NEW HOSPITALIZATIONS IN LA COUNTY

LOS ANGELES

<table>
<thead>
<tr>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>676</td>
<td>8,098</td>
<td>44.4K</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>257</td>
<td>234</td>
<td>23</td>
<td>763</td>
</tr>
</tbody>
</table>

SO-CAL REGIONAL ICU CAPACITY

As of 1/6

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

KEY TAKEAWAYS

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

CURRENTLY HOSPITALIZED: +0.9%

INCREASE IN ICU: -0.9%

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.

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

Demographic Comparisons
Cases by Demographics

12% 0 to 17 yrs
24% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
10% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Population</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17</td>
<td>2,096,996</td>
<td>12%</td>
</tr>
<tr>
<td>18 to 29</td>
<td>1,703,425</td>
<td>24%</td>
</tr>
<tr>
<td>30 to 49</td>
<td>2,725,450</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64</td>
<td>1,856,788</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>1,248,475</td>
<td>10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Population</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>1,492,554</td>
<td>5%</td>
</tr>
<tr>
<td>Black</td>
<td>811,076</td>
<td>5%</td>
</tr>
<tr>
<td>Hispanic/ Latino</td>
<td>4,806,844</td>
<td>62%</td>
</tr>
<tr>
<td>White</td>
<td>2,619,709</td>
<td>13%</td>
</tr>
<tr>
<td>Other</td>
<td>373,415</td>
<td>15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Population</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>4,490,081</td>
<td>52%</td>
</tr>
<tr>
<td>Male</td>
<td>4,741,912</td>
<td>48%</td>
</tr>
</tbody>
</table>

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

**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**

- Percent of LA County Population
- Percent of Total Deaths

**Source:** Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY

Comparative Updates
Key Takeaways:

- An average of 37,726 Cases reported in CA from 12/30 to 1/6 (1.5% increase)

- LA County accounts for 34.3% of cases in CA with an average of 13,981 new cases reported from 12/30 to 1/6 (1.8% increase)

- The City of LA accounts for 13.8% of cases in CA with an average of 5,481 new cases reported from 12/30 to 1/6 (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
Key Takeaways:

- An average of **358** Deaths reported in CA from 12/30 to 1/6 (**1.3%** increase)

- LA County accounts for **41.2%** of deaths in CA with an average of **184** new deaths reported from 12/30 to 1/6 (**1.8%** increase)

- The City of LA accounts for **17%** of deaths in CA with an average of **76** new deaths reported from 12/30 to 1/6 (**1.8%** 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:
• As of January 5, there are open/active outbreaks at 504 non-residential locations in Los Angeles with at least three cases for a total of 9,348 confirmed cases.
• The largest new outbreaks identified at the following locations:
  - Costco Warehouse in Monterey Park - 41 confirmed cases
  - FedEx Ground Sun Valley - 35 confirmed cases
  - Electronic Source Company in Van Nuys - 30 confirmed cases
  - FedEx LAX - 30 confirmed cases
  - Consolidated Precision Products in City of Industry - 29 confirmed cases

**COMPLETE LIST OF OUTBREAKS**

Source: Los Angeles County Department of Health

Note: The outbreak list includes Los Angeles County non-residential settings that meet the criteria of (1) five or more laboratory-confirmed COVID-19 cases or symptomatic persons with at least one laboratory-confirmed COVID-19 case at a worksite, or (2) three or more laboratory-confirmed COVID-19 cases or symptomatic persons with at least one laboratory-confirmed COVID-19 case at a setting with vulnerable clients.
Key Takeaways:
257 total beds

Since last week, there has been a:
- **13.7% decrease** in available acute care beds. Surge capacity is 11,482*

- **59.6% decrease** in available ICU beds. Surge capacity is 4,067*

- **2.1% 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 January 5 • One-day lag

**HOSPITALIZATIONS**

**ICU BEDS**

- Total: 2,500
- Dates: 12/30, 12/31, 1/1, 1/2, 1/3, 1/4, 1/5
- Number of ICU beds:
  - 12/30: 1,581
  - 12/31: 1,281
  - 1/1: 1,596
  - 1/2: 1,544
  - 1/3: 1,568
  - 1/4: 1,580
  - 1/5: 1,717

**ACUTE CARE BEDS**

- Total: 17,000
- Dates: 12/30, 12/31, 1/1, 1/2, 1/3, 1/4, 1/5
- Number of acute care beds:
  - 12/30: 5,576
  - 12/31: 4,638
  - 1/1: 4,365
  - 1/2: 4,108
  - 1/3: 4,231
  - 1/4: 4,240
  - 1/5: 4,186

**VENTILATORS**

- Total: 3,000
- Dates: 12/30, 12/31, 1/1, 1/2, 1/3, 1/4, 1/5
- Number of ventilators:
  - 12/30: 1,196
  - 12/31: 1,032
  - 1/1: 1,161
  - 1/2: 1,113
  - 1/3: 1,222
  - 1/4: 1,233
  - 1/5: 1,328

*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 40
N95 Mask Stock: First Responders*
As of January 6, 2021

Key Takeaways:
- Current mask stock is **453,065**
- The stock of masks decreased **1.5%** from last week
- The projected 3-month need is **660,765**
- The projected 6-month need is **1,387,607**

Source: Los Angeles EOC

* Includes LAFD, LAPD, RAP/Shelter Staff, Harbor, Personnel, GSD, Street Services, GSD, LAWA, ITA, DOT, Aging.
** The burn rate for LAFD decreased due to revised standards for reuse. LAPD burn rate = 1000/day; LAFD = 1500/day; LAWA=1875/day.
*** The six-month need is more than double the three-month need because departments estimate that their burn rate may increase with time.

Prepared by Mayor’s Innovation Team

Page 41
COVID-19
LA County School Reopening Status
Beginning September 14, 2020, K-12 schools in Los Angeles County were allowed a limited number of high-need students to return to campus for specialized support and services.

On October 27, 2020, the threshold was updated to modify the proportion of students who may receive specialized services on campus at any one time. All schools may have up to 25% of full student capacity on campus at one time. Following are the key numbers of schools and services, currently available.

For specialized in-person services
- **1,679** schools have been approved. In total, this affects
  - 82,219 students
  - 33,373 staff

Charter/private/public breakdown
- **71.5%** of the schools with in-person services are public schools
- **16.1%** are charter schools
- **12.4%** are private schools
Special Need Waivers: TK-2 Schools Granted Opening Waivers
As of January 6, 2021

Each week, Los Angeles County will grant waivers for up to 50 schools to conduct limited specialized services and assessments for high need students. However, the County has paused on issuing any new waivers, given the current case surge.

- Schools which qualify for free/reduced lunch are prioritized
- DPH reopening protocol must be met with cleaning, infection control, distancing, etc.
- DPH staff will visit all schools to provide technical assistance

On October 27, 2020, the policy was modified, allowing schools to have up to 25% of full student capacity on campus at one time.

As of December 18, 297 schools have received waivers:

- 58.2% of schools are Private/Independent/Faith-Based
- 38.4% are Public
- 3.4% of Charter

91 Schools are within the City of Los Angeles

Note: No schools have received waivers since December 18.

Source: Reopening Protocols for K-12 Schools; Appendix T1; MAP: LA County COVID-19 School Waivers
**Hotline Services: 311 Calls**

<table>
<thead>
<tr>
<th>310</th>
<th>3,088</th>
<th>737.7K</th>
<th>46.3K</th>
<th>30,455</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>Non-COVID Related Calls</td>
<td>All 311/Hotline Calls Since 3/26</td>
<td>Total COVID Calls - Since 3/26</td>
<td>Total Calls for Angeleno Card</td>
</tr>
</tbody>
</table>

**COVID-Related Calls**

- **3,088** calls since 3/26
- **208** (6.9%) COVID-related

**Non-COVID-Related Calls**

- **2,622** calls since 3/26
- **1,799** (13.2%) non-COVID-related

**All 311/Hotline Calls**

- **737,700** calls since 3/26
- **46,293** (6.3%) COVID-related

**Total COVID Calls**

- **473** calls since 3/26
- **22.4%** COVID-related

**Total Calls for Angeleno Card**

- **3,088** calls since 3/26
- **22.6%** non-COVID-related

---

**KEY TAKEAWAYS**

- **9.1%** 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
Weekly Business Ambassadors Visits
As of January 5, 2021 • One-day lag

Key Takeaways:
- At least 5,944 visits made as of 1/5*:
  - DSW Visited Locations: 3,326
  - LAPD Visited Applications: 2,550
  - Complaint Applications: 112
  - DWP Checks: 429
  - DWP Shut Offs: 8

Source: City of Los Angeles
*Program on hold from May 29-July 21
Prepared by Mayor’s Innovation Team
Page 47
COVID-19 • Los Angeles City Overview

Behavior Analysis
Los Angeles Traffic
Continued increase to traffic but still lower than usual non-COVID levels of traffic

Tuesday, 12/29, 5:16 PM

Wednesday, 12/30, 8:58 AM

Tuesday, 1/5 5:19 PM

Wednesday, 1/6, 8:55 AM

Source: SigAlert.com
BEHAVIORAL ANALYSIS
As of December 31, 2020

LOS ANGELES CRIME - 2020 VS. 2019
14% reduction in overall crime (since 3/12/2020)

LA Crime Data
Down vs 2019 overall

LOS ANGELES PART I CRIME - 2020 VS. 2019
11% reduction in Part I Crime (since 3/12/2020)

LOS ANGELES DV CRIMES - 2020 VS. 2019
12.1% reduction in reported domestic violence crime* (since 3/12/2020)

Domestic violence crime is defined as “Intimate Partner - Simple Assault” and “Intimate Partner - Aggravated Assault” crimes

"Part I" crime includes homicide, rape, robbery, aggravated assaults, burglary, larceny, vehicle theft and arson

Prepared by Mayor’s Innovation Team
Page 50

Source: LAPD
Key Takeaways:

• Unlike most crime, homicides in Los Angeles were up in 2020 vs 2019

• Homicides were 36.1% higher in 2020 than in 2019

• For the first part of 2020, homicides were up compared to 2019. However, by April 22, 2019 had accumulated 1 more homicide than 2020.

• In 2020, since 4/22, homicides have risen 333.8%

• In 2019, since 4/22, homicides rose by today 218.8%
Summary of Apple Mobility Data for Los Angeles
As of January 5, 2021 • One-day lag

Key Takeaways:
• Walking direction requests have decreased by 10%
• Driving direction requests have decreased by 16%
• Transit direction requests have decreased by 55%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Page 52
Key Takeaways:
• 42% of residents are staying home
Key Takeaways:
• **7,200** new claims from 12/13-12/19, including Pandemic Unemployment Assistance (PUA).
• Spiked on 3/28 with **112,000** 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
14.6% decrease compared to last year
- Jan to July 2019: $341,146,102
- Jan to July 2020: $291,253,631
Key Takeaways:

In October 2020:
- **48,994** CalFresh applications (3.6% increase)
- **48,994** Medi-Cal applications (1.1% increase)
- **9,512** General Relief applications (21% increase)
- **8,501** CalWORKs applications (15.1% increase)
- **5,036** IHSS applications (3.3% decrease)
- **171** CAPI applications (11% decrease)
### ACTIONS LAST MONTH

#### City of Los Angeles

<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd December</td>
<td>Mayor Eric Garcetti announced the creation of the Angeleno Connectivity Trust (ACT), an initiative to help deliver internet access to vulnerable young people — including students experiencing homelessness, those in foster care, and youth with disabilities.</td>
</tr>
<tr>
<td>3rd December</td>
<td>Mayor Garcetti announced the Secure Emergency Relief for Vulnerable Employees (SERVE) initiative, a new partnership between the Mayor’s Office and the Mayor’s Fund for Los Angeles, to provide 4,000 local food-service workers with a one-time $800 stipend.</td>
</tr>
<tr>
<td>14th December</td>
<td>Mayor Garcetti announced that the City would deploy its five mobile testing teams to locations in the East San Fernando Valley and South L.A., areas where COVID-19 infections nearly doubled in early December. The Mayor’s Office utilizes countywide case data to spot changes in infection trends across 139 neighborhoods in the city and uses these figures to inform deploying mobile testing units and identifying locations of new permanent testing sites.</td>
</tr>
<tr>
<td>18th December</td>
<td>Mayor Garcetti announced that the City would deploy its five mobile testing teams to locations in the East San Fernando Valley and South L.A., areas where COVID-19 infections nearly doubled in early December. The Mayor’s Office utilizes countywide case data to spot changes in infection trends across 139 neighborhoods in the city and uses these figures to inform deploying mobile testing units and identifying locations of new permanent testing sites.</td>
</tr>
<tr>
<td>21st December</td>
<td>Mayor Garcetti announced the launch of the City of Los Angeles COVID-19 Neighborhood Map, which visualizes trends in cases and deaths across 139 neighborhoods, utilizing the same information deployed by local officials to spot changes in infection rates and target vital testing resources.</td>
</tr>
</tbody>
</table>

All City Actions to-date can be found in this spreadsheet.
**December 2020**

**City of Los Angeles**

| 23rd December | Mayor Garcetti announced the addition of eleven artists to the L.A Mask Print Project (LAMPP), the City’s initiative to use the work of local artists to remind Angelenos to wear a mask in public. |
| 28th December | Los Angeles firefighters and paramedics became the City’s first frontline workers to receive the COVID-19 vaccine — part of the supply of 3,200 Moderna doses to be administered in this initial phase of vaccinations. |
| 29th December | The City of Los Angeles announced the launch of a partnership with Los Angeles County and public health service startup Curative to deliver and administer the COVID-19 Moderna vaccines to staff and residents of Skilled Nursing Facilities (SNFs) in Los Angeles County. |
| 30th December | Applications for $500 million in grant funding for small businesses now available to apply at http://CAReliefGrant.com. This first round of applications ends January 8, 2021 at 11:59 p.m. Mayor Eric Garcetti today opened Los Angeles’ first three Vaccine Points-of-Dispensing (PODs) for healthcare workers, located at existing public testing sites. In the days ahead, the City will launch a fourth POD, while partnering with L.A. County’s Department of Public Health (DPH) to open four additional locations — all targeted in some of the region’s most vulnerable areas. |
| 31st December | Mayor Eric Garcetti today highlighted the City’s ongoing effort to bring testing and public health resources to L.A.’s most vulnerable neighborhoods. Angelenos can follow the case data on the City’s recently launched COVID-19 Neighborhood Map. This week, local testing site data revealed test positivity rates ranging from 20 to 33 percent in areas that are home to predominantly Black and Latino households — higher than any other part of Los Angeles. |
End of Report
January 6, 2021