DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 314
Wednesday January 20, 2021

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
COVID-19 Highlights

Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of January 20, 2021

New CDC Director Pledges to Speed Vaccination, Restore Trust in Agency

More contagious COVID-19 variants bring new uncertainties to California

Calif Urges Stop on 1 Vaccine Batch After Allergic Reactions in San Diego

New L.A. County order gives older residents vaccine access by Thursday

Nearly 200,000 Flags On National Mall Represent Those Who Cannot Attend Inauguration

College Board Eliminates SAT Subject Tests

Prepared by Mayor’s Innovation Team
COVID-19 DATA SUMMARY

County Projections
KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County, while extremely high, appeared to have leveled off and begin to decrease. The illness severity in hospitalized patients has been very high, with increased needs for intensive care, mechanical ventilation, and higher mortality.

• Based on information that reflects transmission up to the first week in January, the estimated transmission number (“R”) at that time is 0.94 with an uncertainty of 0.90 to 0.97. This is similar to last week, when the estimate was 0.97 with an uncertainty of 0.93 to 1.00.

• Based on the pattern in hospitalizations, we expect a continued very high demand for hospital-based services with a very limited supply 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. We expect average daily mortality to continue to be very high.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?

The model suggests—if transmission did not increase over the holidays—that about 0.77% (uncertainty of 0.5% to 1.14%) of everyone in Los Angeles County is currently infected and infectious to others.

This would suggest about 1 in 130 (between 1 in 200 and 1 in 90) Los Angeles County residents are currently infectious to others. One week ago, this estimate was 1 in 115.

Approximately 1 in 3 persons in Los Angeles County has been infected with COVID-19 since the beginning of the pandemic.
KEY TAKEAWAYS:

Between September 4 and November 3, each COVID patient admitted to the hospital:

- Required an average of 6.93 days in the hospital
- Required an average of 2.09 days in the intensive care unit (ICU)
- Required an average of 1.16 days on mechanical ventilation
- Had approximately a 12% chance of dying (about 1 in 8)

From November 3 to the present, each COVID patient admitted to the hospital:

- Requires an average of 9.49 days in the hospital
- Requires an average of 2.38 days in the ICU
- Requires an average of 1.89 days on mechanical ventilation
- Has approximately a 23% chance of dying (about 1 in 4)

These changes—despite improvements in treatments—suggest a substantial increase in the severity of illness among hospitalized patients
Effective Transmission Number “R”
As of January 18, 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.
Hospital New Patient Projections
As of January 18, 2021

Start date July 1
Scale 0 to 1500/day

Additional uncertainty if transmission behavior varies
Uncertainty with no recent change in transmission behavior

Source: Los Angeles County Department of Health Services
Predictions of Demand in LA County | ICU Beds
As of January 18, 2021

Start date July 1
Scale 0 to 4,000

Current ICU Bed Capacity for COVID-19 Patients

Where we are today

Additional uncertainty if transmission behavior varies

Uncertainty with no recent change in transmission behavior

Prepared by Mayor's Innovation Team
Source: Los Angeles County Department of Health Services
**Predictions of Demand in LA County | Ventilators**

As of January 11, 2021

**Ventilator Availability for COVID-19 Patients**

Start date July 1
Scale 0 to 2,000

Where we are today

Additional uncertainty if transmission behavior varies

Uncertainty with no recent change in transmission behavior

Source: Los Angeles County Department of Health Services
Predictions of Daily Mortality LA County
As of January 18, 2021

Start date July 1
Scale 0 to 300/day

Daily reported deaths
Δ 7-day running average

Where we are today

Uncertainty with no recent change in transmission behavior
Additional uncertainty if transmission behavior varies

Prepared by Mayor’s Innovation Team
Source: Los Angeles County Department of Health Services
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*

**Current Regional Stay Home Order Status**

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>30.5%</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>8.9%</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>

**Statewide Metrics as of 1/19/21**

- **105.4** New COVID-19 Positive Cases Per Day Per 100k Residents
- **15.2%** 7-Day Positivity Rate
- **0.0%** ICU Availability

*Source: COVID19.CA.GOV*

Prepared by Mayor's Innovation Team
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: 1/3/21 - 1/9/21

**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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### 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>150.7</td>
<td>+18.4%</td>
<td>1/12/21</td>
<td>127.3</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>1/12/21</td>
<td>75.3</td>
<td>-2.2%</td>
<td>1/12/21</td>
<td>77</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>1/12/21</td>
<td>17.1%</td>
<td>-3.4%</td>
<td>1/12/21</td>
<td>20.5%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>1/12/21</td>
<td>22.40%</td>
<td>-3.90%</td>
<td>1/12/21</td>
<td>26.3%</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
- **MEDIUM**
  - 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

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team

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

The following metrics have seen desirable movement over the past seven days: New Cases (vs last week), New Deaths (vs last week), New Hospitalizations (vs last week), 7-Day COVID Positive Test Rate (vs last week, Acute Care Bed Capacity, ICU Bed Capacity, LA City Crime (vs baseline), and LA City Unemployment Insurance Claims (vs baseline).

*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 1/19/2021

### METRICS

<table>
<thead>
<tr>
<th>Metric</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>11,819 (7-day avg)</td>
<td>-</td>
<td>-23.9%</td>
<td>-</td>
<td>+1033.1%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>206 (7-day avg)</td>
<td>-</td>
<td>-11.5%</td>
<td>-</td>
<td>+307.3%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>15.4% (overall)</td>
<td>-</td>
<td>-3.2%</td>
<td>-</td>
<td>+3.8%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)**</td>
<td>621 (7-day avg)</td>
<td>-</td>
<td>-7.1%</td>
<td>-</td>
<td>+299.1%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)</td>
<td>240 (7-day avg)</td>
<td>-</td>
<td>-6.3%</td>
<td>-</td>
<td>-78.5%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)</td>
<td>33 (7-day avg)</td>
<td>-</td>
<td>-14.4%</td>
<td>-</td>
<td>-86.4%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2020 YTD</td>
<td>439 daily crimes (7-day avg) as of 1/16/2021</td>
<td>-</td>
<td>+5.6%</td>
<td>-</td>
<td>-22.1%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>4,757 as of 1/2/2021</td>
<td>-</td>
<td>-26.0%</td>
<td>-</td>
<td>+194%</td>
</tr>
</tbody>
</table>

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

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COVID-19 DATA SUMMARY

United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of January 19, 2021, 4:00 PM • One-day lag

Cases have begun to decrease overall but remain high Top five states, based on new cases over the last day include:

#1: 2,997.0K cases in California (+23.8K) - 7576 per 100K
33.7K deaths in California (+146) - 85.3 per 100K

#2: 2,135.0K cases in Texas (+9.5K) - 7438 per 100K
32.4K deaths in Texas (+310) - 112.9 per 100K

#3: 1,560.0K cases in Florida (+9.6K) - 7324 per 100K
24.8K deaths in Florida (+163) - 116.5 per 100K

#4: 1,258.1K cases in New York State (+12.5K) - 6437 per 100K
33.2K deaths in New York State (+172) - 170.0 per 100K

#5: 1,076.5K cases in Illinois (+4.3K) - 8449 per 100K
20.2K deaths in Illinois (+35) - 158.2 per 100K

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

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

#1 in Deaths
#39 in Deaths per 100K

Legend for map

New cases per day in the United States

Prepared by Mayor’s Innovation Team
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COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of January 19, 2021, 4:00 PM • One-day lag

Cases have begun to decrease overall but remain high. Top five states, based on new cases over the last day include:

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33.7K deaths in California (+146) - 85.3 per 100K

#2: 1,258.1K cases in New York State (+12.5K) - 6437 per 100K
33.2K deaths in New York State (+172) - 170.0 per 100K

#3: 684.5K cases in North Carolina (+9.9K) - 6592 per 100K
8.1K deaths in North Carolina (+56) - 78.4 per 100K

#4: 1,560.0K cases in Florida (+9.6K) - 7324 per 100K
24.8K deaths in Florida (+163) - 116.5 per 100K

#5: 2,135.0K cases in Texas (+9.5K) - 7438 per 100K
32.4K deaths in Texas (+310) - 112.9 per 100K

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

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

#1 in Deaths
#39 in Deaths per 100K

Source: COVID Tracking Project
Top 5 per capita (per 100K) cases by County:

**Yuma, Arizona:** 15,645 cases per 100K (33,447 total cases)

**Lubbock, Texas:** 14,683 cases per 100K (45,600 total cases)

**Imperial, California:** 13,971 cases per 100K (25,317 total cases)

**Minnehaha, South Dakota (Sioux Falls):** 13,699 cases per 100K (26,457 total cases)

**Potter, Texas (Amarillo):** 13,626 cases per 100K (15,999 total cases)

**Los Angeles, California:** 10,288 cases per 100K (1,032,806 total cases)

*Los Angeles County ranks #43 out of 584 counties with 100K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of January 19, 2021, 4:00 PM • One-day lag

Top 5 per capita (per 100K) deaths by County:

**Bronx, New York: 371.9 deaths** per 100K 
(5,275 total deaths)

**Navajo, Arizona: 353.4 deaths** per 100K 
(392 total deaths)

**Queens, New York: 349.2 deaths** per 100K 
(7,871 total deaths)

**Kings, New York: 315.4 deaths** per 100K 
(8,073 total deaths)

**Essex, New Jersey (NYC Metro Area): 310.4 deaths** per 100K 
(2,480 total deaths)

**Los Angeles, California: 140.7 deaths** per 100K 
(14,122 total deaths)

*Los Angeles County ranks #161 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 11,819 new cases**.

The past seven days have seen an **average daily increase of 206 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 **34.4%** of cases in CA with an average of **11,819** new cases reported from 1/13 to 1/20 (**1.1%** 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. |

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.94</td>
<td>6,492</td>
<td>1,038,092</td>
<td>22,403</td>
</tr>
</tbody>
</table>

Infection Rate Ideal < 1.0

New Cases  Total Cases

**LA COUNTY DAILY CASES**

Prepared by Mayor’s Innovation Team
KEY TAKEAWAYS

• LA County accounts for 41.8% of deaths in CA with an average of 206 new deaths reported from 1/13 to 1/20 (1.5% 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 **3,722,940** tests have been performed at City of Los Angeles since 3/20

- On average, **18,298** tests were performed each day from 1/13 to 1/19

- **412,973** of the **3,655,491** tests for which results were received were positive (11.5%)

*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

**KEY TAKEAWAYS**

- LA County has tested a total of at least 5,282,066 people and a total of 12,544,914 specimens (tests).

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

- City's 7-day Rate: 22.28%
- County's 7-day Rate: 15.4%
- City positive rate as of January 18/17, 2021
- County metrics as of January 12, 2021

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

- City's 7-day Rate: 11.5%

**TESTS COMPLETED**
- 23.1K
- 3.72M

**AVAILABILITY**
- 10
- 28.8K

**POSITIVITY RATE**
- Cumulative City - Tests: 11.5%
- Cumulative County - Tests: 9.9%
- Cumulative County - People: 18.6%
- County's 7-day Rate For Tests (1 week lag): 15.4%
- City's 7-day Rate For Tests (2 day lag): 22.28%

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

Asymptomatic Testing Begins
COVID-19 • LOS ANGELES
Demographic Comparisons
Cases by Demographics

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Cases</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>2,096,996</td>
<td>13%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1,703,423</td>
<td>24%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>2,725,650</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>1,856,788</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>1,248,675</td>
<td>10%</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- Data is incomplete with 25.8% 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 17, 2021

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>2,076,796</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>1,703,423</td>
</tr>
<tr>
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<tr>
<td>65+</td>
<td>1,248,675</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>1,592,554</td>
</tr>
<tr>
<td>Black</td>
<td>811,476</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>2,671,709</td>
</tr>
<tr>
<td>White</td>
<td>2,608,364</td>
</tr>
<tr>
<td>Other</td>
<td>373,415</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>4,890,980</td>
</tr>
<tr>
<td>Male</td>
<td>4,760,352</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

- Data is incomplete with **1% 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.
Daily Confirmed Cases, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/13 to 1/20</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases</td>
<td>34,047</td>
<td>12,020</td>
<td>4,813</td>
</tr>
<tr>
<td>Reported (34.4% of</td>
<td>(34.4% of</td>
<td>(13.9% of</td>
<td></td>
</tr>
<tr>
<td>cases in CA)</td>
<td>cases in CA)</td>
<td>cases in CA)</td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>+1.1%</td>
<td>+1.3%</td>
<td>+1.2%</td>
</tr>
</tbody>
</table>

Daily Confirmed Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>Week of 1/13 to 1/20</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths</td>
<td>476</td>
<td>206</td>
<td>88</td>
</tr>
<tr>
<td>Reported (41.8% of</td>
<td>(41.8%</td>
<td>(17.3%</td>
<td></td>
</tr>
<tr>
<td>deaths in CA)</td>
<td>of deaths in CA)</td>
<td>deaths in CA)</td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>+1.4%</td>
<td>+1.6%</td>
<td>+1.6%</td>
</tr>
</tbody>
</table>

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.
Key Takeaways:
• As of January 19, there are open/active outbreaks at 538 non-residential locations in Los Angeles with at least three cases for a total of 13,417 confirmed cases
• The largest new outbreaks have identified at the following locations
  LAPD Southeast Community Police Station - 72 confirmed cases
  LAPD Rampart Community Police Station - 46 confirmed cases
  In-N-Out Burger Warehouse - 44 confirmed cases
  Project Site, NFL Media Center - 41 confirmed cases
  LAPD Olympic Community Police Station - 40 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 COVID19 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.

Not pictured on map: Santa Clarita, Lancaster, Palmdale
Key Takeaways:
285 total beds

Since last week, there has been a:
• 44.1% increase in available acute care beds. Surge capacity is 13,400*
• 35.7% decrease in available ICU beds. Surge capacity is 3,000*
• 6.1% 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
Hospital Bed and Equipment Capacity for LA County
As of January 19 • One-day Lag

ICU BEDS

ACUTE CARE BEDS

VENTILATORS

*Additional surge capacity beyond these numbers may be possible based on individual hospital’s bed and staff surge plans.

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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.
**N95 Mask Stock: First Responders**

As of January 19, 2021

**Key Takeaways:**
- Current mask stock is **919,165**
- The stock of masks **decreased .6%** 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
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
- 1,693 schools have been approved. In total, this affects
  - 86,607 students
  - 33,661 staff

Charter/private/public breakdown
- 71.0% of the schools with in-person services are public schools
- 16.4% are charter schools
- 12.6% are private schools
Special Need Waivers: TK-2 Schools Granted Opening Waivers
As of January 20, 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 January 20, 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 and LA County recommended not reopening following winter break. It is unknown how many schools are open right now.

Source: Reopening Protocols for K-12 Schools; Appendix T1
MAP: LA County COVID-19 School Waivers

Prepared by Mayor’s Innovation Team
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COVID-19 DATA SUMMARY
City Response and Preparedness
Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>327</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>3,215</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>770.5K</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>49.7K</td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

- 9% of the total 311 calls were COVID-related.
- Wait time was 5.5 mins for each call.

CALL THEMES

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

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

Source: ITA - 311 Contact Center
Weekly Business Ambassadors Visits
As of January 19, 2021 • One-day lag

Key Takeaways:
• At least 6,002 visits made as of 1/19:
  - DSW Visited Locations: 3,371
  - LAPD Visited Applications: 2,553
  - Complaint Applications: 114
  - DWP Checks: 436
  - DWP Shut Offs: 8

Source: City of Los Angeles
*Program on hold from May 29-July 21
Prepared by Mayor’s Innovation Team
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, 1/12, 5:15 PM

Wednesday, 1/13, 8:55 AM

Tuesday, 1/19  5:08 PM

Wednesday, 1/20, 8:43 AM

Source: SigAlert.com
BEHAVIORAL ANALYSIS
As of January 16, 2021

LOS ANGELES CRIME - 2021 VS. 2020

22.8% reduction in overall crime

LOS ANGELES PART I CRIME - 2021 VS. 2020

16.9% reduction in Part I Crime

LOS ANGELES DV CRIMES - 2021 VS. 2020

12.6% reduction in reported domestic violence

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

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

Source: LAPD
Prepared by Mayor’s Innovation Team
Key Takeaways:

• Unlike most crime, homicides in Los Angeles was up in over 36% in 2020 vs 2019

• Homicides in 2021 are currently above the equivalent year-to-date 2020

• Homicides are currently 120% higher in 2021 than in 2020
Summary of Apple Mobility Data for Los Angeles
As of January 18, 2021 • Two-day lag

Key Takeaways:
• Walking direction requests have decreased by 5%
• Driving direction requests have decreased by 13%
• Transit direction requests have decreased by 55%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Key Takeaways:
• 43% of residents are staying home

Source: Safegraph
COVID-19 • Los Angeles City Overview

Economic Analysis
Key Takeaways:

- **4.8K** new claims from 12/27-1/2, 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%).
- **1,368,934** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020/21.

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

ECONOMIC ANALYSIS

Prepared by Mayor’s Innovation Team
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Source: California EDD

Prepared by Mayor’s Innovation Team
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Source: California EDD
Key Takeaways:
In November 2020:
• **51,403** CalFresh applications (5% increase)
• **34,460** Medi-Cal applications (16% increase)
• **10,342** General Relief applications (8.7% increase)
• **8,848** CalWORKs applications (4% increase)
• **4,304** IHHS applications (14% decrease)
• **151** CAPI applications (11% decrease)
**11th January**

The City of Los Angeles announced that COVID-19 testing operations at Dodger Stadium will end on Monday, and in collaboration with the County of Los Angeles, will transition the site into a mass vaccination center by the end of the week. Local leaders decided to shift testing away from Dodger Stadium and the Veterans Affairs (VA) Lot 15 (Jackie Robinson Stadium), so public health officials can immediately focus personnel, equipment, and other resources on vaccination distribution.

**14th January**

Mayor Garcetti and Council President Nury Martinez announced that the City has reached a tentative agreement with the United Firefighters of Los Angeles City (UFLAC) that defers firefighters’ scheduled salary increases for 18 months, saving millions of dollars to protect jobs and services over the next two fiscal years, as the City works to recover from the economic crisis caused by COVID-19.

**15th January**

Mayor Garcetti was joined by Governor Gavin Newsom to launch L.A. County’s first mass vaccination center at Dodger Stadium. The site will be able to vaccinate upwards of 12,000 per day.