DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 328
Wednesday, February 3, 2021

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
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- School Reopenings
- City Response and Preparedness
- Behavior Analysis
- Economic Analysis
- Actions Over Past Month
COVID-19 HEADLINES OF THE WEEK • As of February 3, 2021

Source: New York Times

As Virus Variants Spread, ‘No One Is Safe Until Everyone Is Safe’

Source: NPR

U.S. Cuts $231 Million Deal To Provide 15-Minute COVID-19 At-Home Tests

Source: NPR

Russia's Sputnik Vaccine Is Reported To Be 92% Effective Against COVID-19

Source: Wall Street Journal

U.K. Coronavirus Variant Acquires Mutation That Could Weaken Vaccine Defense

Source: CNBC

AstraZeneca vaccine can slow the spread of Covid, and delayed second dose works, Oxford data shows

Source: Los Angeles Times

Rapid spread of U.K. coronavirus variant in Southern California sparks alarm
COVID-19 DATA SUMMARY

County Projections
KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County, although still high, has continued to decreased. The illness severity in hospitalized patients remains very high, with high demand for intensive care, mechanical ventilation, and high mortality.

• Based on information that reflects transmission in early January, the estimated transmission number ("R") at that time is 0.83 with an uncertainty of 0.77 to 0.87. Our prior estimate for one week earlier was 0.85 with an uncertainty of 0.81 to 0.88.

• Based on the pattern in hospitalizations, we expect a continued high but decreasing demand for hospital-based services with a limited supply of hospital beds and ICU beds over the next 4 weeks. The number of ventilators in Los Angeles County appears adequate over the next 4 weeks. The daily mortality appears to have peaked and, although still high, we expect average daily mortality to fall in the upcoming weeks.

• An increase in behaviors that increase transmission could lead to a new increase in the number of hospitalized patients in about 3 weeks’ time.

HOW MANY IN LOS ANGELES ARE INFECTIOUS?

The model suggests that about 0.34% (uncertainty of 0.21% to 0.51%) of everyone in Los Angeles County is currently infected and infectious to others. This would suggest about 1 in 300 (between 1 in 470 and 1 in 200) Los Angeles County residents are currently infectious to others. One week ago, this estimate was 1 in 260.

Approximately 1 in 3 persons in Los Angeles County has been infected with COVID-19 since the beginning of the pandemic.
Effective Transmission Number “R”
As of February 1, 2021

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 February 1, 2021

Start date July 1
Scale 0 to 1500/day

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 | Hospital Beds
As of February 1, 2021

Start date July 1
Scale 0 to 15,000

Where we are today

Bed Capacity for COVID-19 Patients

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 | Ventilators
As of February 1, 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
Predictions of Daily Mortality LA County
As of February 1, 2021

Start date July 1
Scale 0 to 300/day

- Daily reported deaths
- Δ 7-day running average

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

Where we are today
New reopening metrics and tier assignment were previously announced on Tuesdays. On November 16, the State announced that it may start reporting metrics more frequently and on days other than Tuesdays.

All metrics are evaluated on a 7-day lag Current data range: 1/10/21 - 1/16/21

**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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### CA STATE REOPENING METRICS

As of February 2, 2021, 1 PM

<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>2/2/21</td>
<td>61.2</td>
<td>-36.6%</td>
<td>1/26/21</td>
<td>96.5</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>2/2/21</td>
<td>38.7</td>
<td>-19.7%</td>
<td>1/26/21</td>
<td>48.2</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>2/2/21</td>
<td>11.3%</td>
<td>-2.6%</td>
<td>1/26/21</td>
<td>13.9%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)*</td>
<td>2/2/21</td>
<td>15.0%</td>
<td>-3.3%</td>
<td>1/26/21</td>
<td>18.3%</td>
</tr>
</tbody>
</table>

### County risk level

- **WIDESPREAD**
  - Many non-essential indoor business operations are closed

- **SUBSTANTIAL**
  - Some non-essential indoor business operations are closed

- **MODERATE**
  - Some indoor business operations are open with modifications

- **MINIMAL**
  - Most indoor business operations are open with modifications

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

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, New Hospitalizations (vs baseline), Acute Care Bed Capacity (vs baseline), ICU Bed Capacity (vs baseline), and LA City Unemployment Insurance Claims**

The following metrics have seen *desirable* movement over the past seven days: **New Cases (vs last week), 7-Day COVID Positive Test Rate, New Hospitalizations (vs last week), Acute Care Bed Capacity (vs last week), ICU Bed Capacity (vs last week), and 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 2/2/2021

### METRICS
As of February 3, 2021, 3 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>5,675 (7-day avg)</td>
<td></td>
<td>-29.1%</td>
<td></td>
<td>+444.1%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>204 (7-day avg)</td>
<td></td>
<td>-6.5%</td>
<td></td>
<td>+303.1%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>10.8% (overall)</td>
<td></td>
<td>-1.8%</td>
<td></td>
<td>-0.8%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)**</td>
<td>410 (7-day avg)</td>
<td></td>
<td>-14.2%</td>
<td></td>
<td>+163.6%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day average)**</td>
<td>359 (7-day avg)</td>
<td></td>
<td>+8.3%</td>
<td></td>
<td>-67.8%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day average)**</td>
<td>58 (7-day avg)</td>
<td></td>
<td>+12.1%</td>
<td></td>
<td>-76%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2020 YTD</td>
<td>417 daily crimes (7-day avg) as of 1/30/2021</td>
<td></td>
<td>-15.7%</td>
<td></td>
<td>-30.0%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2020 week</td>
<td>12,459 as of 1/16/2021</td>
<td></td>
<td>+47.5%</td>
<td></td>
<td>+51%</td>
</tr>
</tbody>
</table>

*Source: Los Angeles County Department of Health, COVID Tracking Project
Prepared by Mayor’s Innovation Team
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COVID-19 DATA SUMMARY

United States Update
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of February 2, 2021, 2:00 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: 3,270.8K cases in California (+12.1K) - 8268 per 100K
41.3K deaths in California (+422) - 104.5 per 100K

#2: 2,415.5K cases in Texas (+23.0K) - 8415 per 100K
36.9K deaths in Texas (+331) - 128.5 per 100K

#3: 1,705.6K cases in Florida (+10.3K) - 8007 per 100K
27.3K deaths in Florida (+140) - 128.0 per 100K

#4: 1,427.4K cases in New York State (+8.2K) - 7304 per 100K
35.5K deaths in New York State (+147) - 181.5 per 100K

#5: 1,130.9K cases in Illinois (+2.3K) - 8876 per 100K
21.3K deaths in Illinois (+63) - 167.5 per 100K

Rounding out the top 10 are: Ohio, Pennsylvania, Arizona, North Carolina, Georgia

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

#1 in Cumulative Deaths
#35 in Deaths per 100K

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

#1: 2,415.5K cases in Texas (+23.0K) - 8415 per 100K
36.9K deaths in Texas (+331) - 128.5 per 100K

#2: 3,270.8K cases in California (+12.1K) - 8268 per 100K
41.3K deaths in California (+422) - 104.5 per 100K

#3: 1,705.6K cases in Florida (+10.3K) - 8007 per 100K
27.3K deaths in Florida (+140) - 128.0 per 100K

#4: 1,427.4K cases in New York State (+8.2K) - 7304 per 100K
35.5K deaths in New York State (+147) - 181.5 per 100K

#5: 850.5K cases in Pennsylvania (+4.4K) - 6640 per 100K
21.8K deaths in Pennsylvania (+125) - 170.3 per 100K

Rounding out the 10 are: Ohio, New Jersey, Georgia, Arizona, North Carolina

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

**Yuma, Arizona:** 16,498 cases per 100K (35,271 total cases)

**Lubbock, Texas:** 15,140 cases per 100K (47,020 total cases)

**Webb, Texas:** 14,517 cases per 100K (40,162 total cases)

**Imperial, California:** 14,471 cases per 100K (26,224 total cases)

**Whitfield, Georgia:** 14,413 cases per 100K (15,080 total cases)

**Los Angeles, California:** 11,206 cases per 100K (1,124,975 total cases)

Los Angeles County ranks #31 out of 584 counties with 100K+
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of February 2, 2021, 2:00 PM • One-day lag

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

**Navajo, Arizona:** 394.0 deaths per 100K
(437 total deaths)

**Bronx, New York:** 384.6 deaths per 100K
(5,454 total deaths)

**Queens, New York:** 362.7 deaths per 100K
(8,175 total deaths)

**Yuma, Arizona:** 334.4 deaths per 100K
(715 total deaths)

**Kings, New York:** 329.8 deaths per 100K
(8,443 total deaths)

**Los Angeles, California:** 170.1 deaths per 100K
(17,077 total deaths)

*Los Angeles County ranks #125 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
Key Takeaways

- The past seven days have seen an average daily increase of 5,675 new cases.
- The past seven days have seen an average daily increase of 204 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

All metrics last updated at 1 PM, February 3, 2021

7-Day Avg of Cases & Deaths

LA County New Cases and New Deaths, 7-Day Average

<table>
<thead>
<tr>
<th>CASES DAILY UPDATE</th>
<th>DEATHS DAILY UPDATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infection Rate</td>
<td>Mortality Rate</td>
</tr>
<tr>
<td>Ideal &lt; 1.0</td>
<td></td>
</tr>
<tr>
<td>0.83</td>
<td>1.5%</td>
</tr>
<tr>
<td>New Cases</td>
<td>New Deaths</td>
</tr>
<tr>
<td>5,189</td>
<td>256</td>
</tr>
<tr>
<td>Total Cases</td>
<td>Total Deaths</td>
</tr>
<tr>
<td>1,129,503</td>
<td>17,308</td>
</tr>
</tbody>
</table>

Prepared by Mayor’s Innovation Team
LA County Case Updates

LA County accounts for **34.4%** of cases in CA with an average of **5,675** new cases reported from 1/28 to 2/03 (**-4.2%** decrease)

**KEY TAKEAWAYS**

**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></th>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality Rate</td>
<td>1.5%</td>
<td>481</td>
<td>2,822</td>
<td>12,949</td>
</tr>
<tr>
<td>New Deaths</td>
<td>256</td>
<td>481</td>
<td>41,811</td>
<td>2.3M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>17,308</td>
<td>41,811</td>
<td>447.9K</td>
<td></td>
</tr>
</tbody>
</table>

**DAILY MORTALITY IN LA COUNTY**

LA County accounts for **41.4%** of deaths in CA with an average of **204** new deaths reported from 1/28 to 2/03 **(-3.5% decrease)**.

**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 3,884,261 tests have been performed at City of Los Angeles since 3/20
- On average, 10,844 tests were performed each day from 1/27 to 2/2
- 445,060 of the 3,824,522 tests for which results were received were positive (11.8%)

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

City positive rate as of February 2/February 1, 2021
County metrics as of January 28, 2021

**COUNTY POSITIVITY RATE**

**Legend:**

City positive rate as of February 2/February 1, 2021
City metrics as of January 28, 2021

**KEY TAKEAWAYS**

LA County has tested a total of at least **5,542,847** people and a total of **13,658,382** specimens (tests)

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

**TESTS COMPLETED**

| 9.4K | 3.88M |
| City Tests Since last report | City Tests Since 3/20 |

**AVAILABILITY**

| 10 | 35K |
| Total City Sites Available Today | Avail. City Testing Capacity Today |

**POSITIVITY RATE**

| 11.8% | 9.9% | 19.2% | 10.8% | 17.72% |
| City's 7-day Rate For Tests (1 week lag) | County's 7-day Rate For Tests (1 week lag) | County's 7-day Rate For People | Cumulative County - People | Cumulative County - Tests |

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

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

**Legend:**

- **7-Day Positivity Rate**
- **Cumulative Positive Test Rate**

**Source:** City of Los Angeles
At least 59,060 people have been hospitalized since 3/18

Currently Hospitalized: -3.4% change

ICU Hospitalized: -1.2% change
COVID-19 • LOS ANGELES
COVID Vaccinations
COVID-19 Vaccinations Administered at City Sites

LOS ANGELES COUNTY (AS OF 1/25)
- Vaccines Allocated*: 991,375
- Vaccines Administered*: 790,902
- Vaccines Remaining*: 200,473

CITY OF LOS ANGELES (AS OF 2/1)
- Vaccines Allocated: 255,351
- Vaccines Administered: 206,644

Note: The City supply/administered count includes vaccines at City sites, LAFD, and Skilled Nursing Facilities (SNF). It does not include Recreation and Parks locations where the City is supporting LA County DPH.

DAILY COVID-19 VACCINES ADMINISTERED IN LA CITY

*County vaccine numbers from DPH’s public vaccine portal. Counts here may vary from other official DPH sources.

KEY TAKEAWAYS

Of the total administered: **4,331** vaccines have been administered to LAFD, **902** at SNFs, and **206,644** at City Sites.

CUMULATIVE VACCINES AT CITY SITES

Source: LAFD
COVID-19 Vaccinations Administered by County at RAP PODs

All metrics as of February 2, unless otherwise noted

Note: All totals on this page are for vaccines administered at Recreation and Parks (RAP) locations where the City is supporting LA County Department of Public Health (DPH). The vaccines administered at these sites do not come from the City’s vaccine supply. The totals using the City’s allocated supply are highlighted on the previous slide.

DAILY COVID-19 VACCINES ADMINISTERED AT RECREATION AND PARKS/DPH SITES

<table>
<thead>
<tr>
<th>Date</th>
<th>City</th>
<th>County</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/6</td>
<td>1421</td>
<td>2308</td>
<td></td>
</tr>
<tr>
<td>1/7</td>
<td>2262</td>
<td>2490</td>
<td></td>
</tr>
<tr>
<td>1/8</td>
<td>2234</td>
<td>2396</td>
<td></td>
</tr>
<tr>
<td>1/12</td>
<td>1597</td>
<td>2308</td>
<td></td>
</tr>
<tr>
<td>1/13</td>
<td>863</td>
<td>2265</td>
<td></td>
</tr>
<tr>
<td>1/14</td>
<td>1597</td>
<td>2490</td>
<td></td>
</tr>
<tr>
<td>1/15</td>
<td>1191</td>
<td>2234</td>
<td></td>
</tr>
<tr>
<td>1/19</td>
<td>1239</td>
<td>2308</td>
<td></td>
</tr>
<tr>
<td>1/20</td>
<td>1597</td>
<td>2265</td>
<td></td>
</tr>
<tr>
<td>1/21</td>
<td>1050</td>
<td>2129</td>
<td></td>
</tr>
<tr>
<td>1/22</td>
<td>1191</td>
<td>2129</td>
<td></td>
</tr>
<tr>
<td>1/26</td>
<td>1393</td>
<td>2127</td>
<td></td>
</tr>
<tr>
<td>1/27</td>
<td>1393</td>
<td>2127</td>
<td></td>
</tr>
<tr>
<td>1/28</td>
<td>1393</td>
<td>2127</td>
<td></td>
</tr>
<tr>
<td>2/2</td>
<td>1393</td>
<td>2127</td>
<td></td>
</tr>
</tbody>
</table>

# of Vaccines Administered

KEY TAKEAWAYS

29,038 Vaccines Administered

CUMULATIVE VACCINES AT RAP PODS

Legend (for graph on left)
- Hazard (closed)
- Balboa Rec Center
- El Sereno Rec Center
- Ritchie Valens (closed)

Source: LAFD
COVID-19 • LOS ANGELES COUNTY

Demographic Comparisons
Cases by Demographics

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Percent of Total Cases Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>13%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>24%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>11%</td>
</tr>
</tbody>
</table>

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**PERCENT OF TOTAL CASES COMPARED TO POPULATION**

- **Age**
  - 0 to 17 yrs: 13.0%
  - 18 to 29 yrs: 23.8%
  - 30 to 49 yrs: 33.5%
  - 50 to 64 yrs: 19.2%
  - 65+: 10.5%

- **Race**
  - Hispanic/Latino: 62.3%
  - Black: 4.7%
  - White: 13.2%
  - Other: 13.2%
  - American Indian or Alaska Native: 0.2%
  - Native Hawaiian or Other Pacific Islander: 0.6%

- **Gender**
  - Female: 51.8%
  - Male: 48.2%

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**KEY TAKEAWAYS**

Data is incomplete with 24.7% of cases still under investigation.

**MOST IMPACTED GROUPS**

- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds
- Native Hawaiian or Other Pacific Islander

Legend:
- □ Percent of LA County Population
- ■ Percent of Total Cases

Source: Los Angeles Department of Public Health.

Prepared by Mayor’s Innovation Team
Deaths by Demographics

0% 0 to 17 yrs
1% 18 to 29 yrs
7% 30 to 49 yrs
20% 50 to 64 yrs
73% 65+

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

Age

0 to 17 yrs: 6.0% of 2,096,996 population
18 to 29 yrs: 0.6% of 1,703,423 population
30 to 49 yrs: 5.6% of 2,721,690 population
50 to 64 yrs: 19.8% of 1,816,788 population
65+: 72.9% of 1,268,675 population

Race

Asian: 13.1% of 1,492,554 population
Black: 8.5% of 811,476 population
Hispanic/Latino: 51.9% of 4,808,364 population
White: 23.8% of 2,619,709 population
Other: 2.0% of 371,415 population
American Indian or Alaska Native: 0.2% of 76,089 population
Native Hawaiian or Other Pacific Islander: 0.5% of 28,376 population

Gender

Female: 41.6% of 4,890,000 population
Male: 58.4% of 4,346,000 population

KEY TAKEAWAYS

• Data is incomplete with 1.2% 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
• Native Hawaiian or Other Pacific Islander

Legend

- Percent of LA County Population
- Percent of Total Deaths

Source: Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY
Comparative Updates
Daily Confirmed Cases, 7-Day Average

Week of 1/28 to 2/03

<table>
<thead>
<tr>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Cases Reported</td>
<td>15,908</td>
<td>5,675</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>-5.3%</td>
<td>-4.2%</td>
</tr>
</tbody>
</table>

(34.4% of cases in CA) (13.9% of cases in CA)

Daily Confirmed Deaths, 7-Day Average

Week of 1/28 to 2/03

<table>
<thead>
<tr>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Deaths Reported</td>
<td>512</td>
<td>204</td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>-5.7%</td>
<td>-3.5%</td>
</tr>
</tbody>
</table>

(41.4% of deaths in CA) (17.1% of deaths in CA)

Days of outbreak are identified as March 11, with prior cases aggregated to day 1. LA City death count lags several days.

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.
Key Takeaways:
• As of February 2, there are open/active outbreaks at 354 non-residential locations in Los Angeles with at least three cases for a total of 12,346 confirmed cases
• The largest new outbreaks have identified at the following locations:

  **Mercury Plastics, Inc, City of Industry**
  37 confirmed cases

  **Lisi Aerospace, Torrance**
  36 confirmed cases

  **Northrop Grumman, Redondo Beach**
  36 confirmed cases

  **Youth With A Mission, Los Angeles**
  20 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: Lancaster, Palmdale
Key Takeaways:
448 total beds

Since last week, there has been a:
- **33.6% increase** in available acute care beds. Surge capacity is 13,400*
- **14.3% decrease** in available ICU beds. Surge capacity is 3,000*
- **10% increase** in available ventilators. Surge capacity is 3,199*

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

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet. This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
Hospital Bed and Equipment Capacity for LA County
As of February 2, 2021 • One-day lag

**Hospitalizations**

**ICU Beds**

<table>
<thead>
<tr>
<th>Date</th>
<th>Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/27</td>
<td>63</td>
</tr>
<tr>
<td>1/28</td>
<td>66</td>
</tr>
<tr>
<td>1/29</td>
<td>65</td>
</tr>
<tr>
<td>1/30</td>
<td>63</td>
</tr>
<tr>
<td>1/31</td>
<td>71</td>
</tr>
<tr>
<td>2/1</td>
<td>79</td>
</tr>
<tr>
<td>2/2</td>
<td>84</td>
</tr>
</tbody>
</table>

**Acute Care Beds**

<table>
<thead>
<tr>
<th>Date</th>
<th>Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/27</td>
<td>3,713</td>
</tr>
<tr>
<td>1/28</td>
<td>3,716</td>
</tr>
<tr>
<td>1/29</td>
<td>3,560</td>
</tr>
<tr>
<td>1/30</td>
<td>3,466</td>
</tr>
<tr>
<td>1/31</td>
<td>3,337</td>
</tr>
<tr>
<td>2/1</td>
<td>3,011</td>
</tr>
<tr>
<td>2/2</td>
<td>5,846</td>
</tr>
</tbody>
</table>

**Ventilators**

<table>
<thead>
<tr>
<th>Date</th>
<th>Ventilators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/27</td>
<td>1,035</td>
</tr>
<tr>
<td>1/28</td>
<td>1,027</td>
</tr>
<tr>
<td>1/29</td>
<td>1,061</td>
</tr>
<tr>
<td>1/30</td>
<td>977</td>
</tr>
<tr>
<td>1/31</td>
<td>977</td>
</tr>
<tr>
<td>2/1</td>
<td>1,083</td>
</tr>
<tr>
<td>2/2</td>
<td>1,138</td>
</tr>
</tbody>
</table>

Note: 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.
Key Takeaways:

- Current mask stock is 905,253
- The stock of masks decreased .8% 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.

Notes: 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
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
- **1,701** schools have been approved. In total, this affects
  - 86,928 students
  - 33,737 staff

Charter/private/public breakdown
- **70.8%** of the schools with in-person services are public schools
- **16.5%** are charter schools
- **12.6%** are private schools

Source: INSTRUCTIONS FOR COMPLETING K-12 SPECIALIZED SERVICES NOTIFICATION FORM; Reopening Protocols for K-12 Schools: Appendix T1; MAP: Services Notification Form Submissions
Special Need Waivers: Schools Granted Opening Waivers for Grades TK-2
As of February 2, 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 February 2, 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.
**Hotline Services: 311 Calls**

<table>
<thead>
<tr>
<th>COVID Related Calls</th>
<th>Non-COVID Related Calls</th>
<th>All 311/Hotline Calls Since 3/26</th>
<th>Total COVID Calls - Since 3/26</th>
<th>Total Calls for Angeleno Card</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td>3,203</td>
<td>804.1K</td>
<td>51.9K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- **4.78%** of the total 311 calls were COVID-related.
- Wait time was **1.0 mins for each call**.

**CALL THEMES**

- Testing or results
- Vaccine availability or related complaints
- Rent and Eviction Questions
- Restrictions/Reopening

**Legend:**

- 311 - Non-COVID
- 311 - COVID

**Source:** ITA - 311 Contact Center
Weekly Business Ambassadors Visits
As of February 2, 2021 • One-day lag

Key Takeaways:
• At least 6,022 visits made as of 1/31:
  • DSW Visited Locations: 3,384
  • LAPD Visited Applications: 2,556
  • Complaint Applications: 115
  • DWP Checks: 438
  • DWP Shut Offs: 9

Source: City of Los Angeles
Note: 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 traffic levels

Tuesday, 1/26, 5:22 PM

Wednesday, 1/27, 8:43 AM

Source: SigAlert.com

Prepared by Mayor’s Innovation Team
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BEHAVIORAL ANALYSIS
As of January 30, 2021

LA Crime Data - 2021 vs 2020

LOS ANGELES CRIME - 2021 VS. 2020
19.6% reduction in overall crime

LOS ANGELES PART I CRIME - 2021 VS. 2020
14.7% reduction in Part I Crime

LOS ANGELES DV CRIMES - 2021 VS. 2020
13.9% reduction in reported domestic violence

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

Source: LAPD
Prepared by Mayor’s Innovation Team
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BEHAVIORAL ANALYSIS

Cumulative Homicides in the City of Los Angeles - 2021 vs 2020
As of February 2, 2021

Key Takeaways:

- Homicides in 2021 are currently above the equivalent year-to-date 2020
- Homicides are currently **33.3% higher** in 2021 than in 2020
- Last year, unlike most crime, homicides in Los Angeles were up more than **36%** compared to 2019

Source: LAPD

Prepared by Mayor’s Innovation Team
Page 50
Summary of Apple Mobility Data for Los Angeles
As of January 26, 2021 • One-day lag

Key Takeaways:
• Walking direction requests have decreased by 7%
• Driving direction requests have decreased by 12%
• Transit direction requests have decreased by 53%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Key Takeaways:
• 37% of residents are staying home
COVID-19 • LOS ANGELES CITY OVERVIEW
Economic Analysis
Key Takeaways:
• **12.5K** new claims from 1/10-1/16, including Pandemic Unemployment Assistance (PUA).

• Spiked on 3/28/20 with **112K** new claims

• This represents an increase of over **4500%** from the weekly average from 1/1 - 3/7

• December’s preliminary unemployment (seasonally-adjusted) is estimated at **11%** for LA County slightly higher than the revised November numbers (10.9%)

• **1,389,838** 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

**New Unemployment Insurance (UI) Claims for the City of Los Angeles**
As of January 16, 2021

Source: California EDD
Prepared by Mayor’s Innovation Team
**Key Takeaways:**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications in December</th>
<th>% Change from last month</th>
</tr>
</thead>
<tbody>
<tr>
<td>CalWORKs</td>
<td>10,472</td>
<td>15.5%</td>
</tr>
<tr>
<td>General Relief</td>
<td>12,945</td>
<td>20.1%</td>
</tr>
<tr>
<td>CAPI</td>
<td>173</td>
<td>12.7%</td>
</tr>
<tr>
<td>Medi-Cal</td>
<td>40,257</td>
<td>14.4%</td>
</tr>
<tr>
<td>CalFresh</td>
<td>77,832</td>
<td>34.0%</td>
</tr>
<tr>
<td>IHSS</td>
<td>4,185</td>
<td>-2.8%</td>
</tr>
</tbody>
</table>

Source: DPSS At A Glance
Prepared by Mayor’s Innovation Team
COVID-19 • CITY OF LOS ANGELES

Actions Over Past Month
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.

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.

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.

The City of Los Angeles launched its mobile vaccination program, to ensure more equity in vaccine distribution.

All City Actions to-date can be found in this spreadsheet.
End of Report
February 3, 2021