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COVID-19 Highlights

Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of February 17, 2021

Source: Los Angeles Times

L.A. County elementary schools are cleared to fully open

Source: NPR

Shoppers Splurged In January As New Stimulus Checks Arrived

Source: The Atlantic

COVID-19 Cases Are Dropping Fast. Why?
Four reasons: social distancing, seasonality, seroprevalence, and shots.

Source: Wall Street Journal

Symptomatic Covid-19 Cases Dropped 94% With Pfizer Vaccine, Israeli Data Show

Source: New York Times

WHO Formally Authorizes the Use of the AstraZeneca Vaccine.

Source: Los Angeles Times

Blue Shield vows to dramatically speed up California vaccine distribution with new plan
COVID-19 DATA SUMMARY
County Projections
KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County 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 the last half of January, the estimated transmission number (“R”) at that time is 0.81 with an uncertainty of 0.76 to 0.85. Our prior estimate for 5 days earlier was virtually identical at 0.82 with an uncertainty of 0.77 to 0.86.

• Based on the pattern in hospitalizations, we expect a continued high but decreasing demand for hospital-based services including 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 has peaked and, although still high, is falling as well.

• 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 **0.22%** (uncertainty of **0.14% to 0.31%**) of everyone in Los Angeles County is currently infected and infectious to others.

This would suggest about **1 in 460** (between **1 in 690** and **1 in 330**) Los Angeles County residents are currently infectious to others. One week ago, this estimate was **1 in 360**.

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

Effective Transmission Number “R”
As of February 12, 2021

Where we are today

Additional uncertainty if transmission behavior varies

Uncertainty with no recent change in transmission behavior

Additional uncertainty if transmission behavior varies

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.
Predictions of Demand in LA County | Ventilators
As of February 12, 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 February 12, 2021

Start date July 1
Scale 0 to 300/day

- Daily reported deaths
- △ 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: 1/31/21 - 2/6/21

### 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.

<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>2/16/21</td>
<td>29.0</td>
<td>-31.8%</td>
<td>2/9/21</td>
<td>42.5</td>
</tr>
<tr>
<td>Adjusted case rate for tier assignment</td>
<td>2/16/21</td>
<td>20.0</td>
<td>-36.9%</td>
<td>2/9/21</td>
<td>31.7</td>
</tr>
<tr>
<td>Positivity Rate</td>
<td>2/16/21</td>
<td>7.2%</td>
<td>-2.3%</td>
<td>2/9/21</td>
<td>9.5%</td>
</tr>
<tr>
<td>Health Equity Metric (starting 10/6)</td>
<td>2/16/21</td>
<td>10.1%</td>
<td>-2.9%</td>
<td>2/9/21</td>
<td>13.0%</td>
</tr>
</tbody>
</table>

### County risk level

- **WIDESPREAD**
  - Many non-essential indoor business operations are closed
  - More than 7 daily new cases (per 100k)
  - More than 8% positive tests

- **SUBSTANTIAL**
  - Some non-essential indoor business operations are closed
  - 4 - 7 daily new cases (per 100k)
  - 5 - 8% positive tests

- **MODERATE**
  - Some indoor business operations are open with modifications
  - 1 - 3.9 daily new cases (per 100k)
  - 2 - 4.9% positive tests

- **MINIMAL**
  - Most indoor business operations are open with modifications
  - Less than 1 daily new cases (per 100k)
  - Less than 2% positive tests

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 (vs baseline).

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), LA City Unemployment Insurance Claims (vs last week), and LA City Crime.

**Note:** 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 2/16/2021**

<table>
<thead>
<tr>
<th>METRICS</th>
<th>AS OF FEBRUARY 17, 2021, 3 PM</th>
<th>TODAY'S AVERAGES</th>
<th>CURRENT TREND VS LAST WEEK</th>
<th>% CHANGE VS LAST WEEK</th>
<th>CURRENT TREND VS BASELINE</th>
<th>% CHANGE VS BASELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td>2,528 (7-day avg)</td>
<td>➡️</td>
<td>-35.2%</td>
<td>➡️</td>
<td>+142.4%</td>
<td></td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>127 (7-day avg)</td>
<td>➡️</td>
<td>-26.6%</td>
<td>➡️</td>
<td>+150.6%</td>
<td></td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>6% (overall)</td>
<td>➡️</td>
<td>-2.3%</td>
<td>➡️</td>
<td>-5.6%</td>
<td></td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)**</td>
<td>207 (7-day avg)</td>
<td>➡️</td>
<td>-31.9%</td>
<td>➡️</td>
<td>+32.8%</td>
<td></td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day average)**</td>
<td>416 (7-day avg)</td>
<td>➡️</td>
<td>-2.2%</td>
<td>➡️</td>
<td>-62.7%</td>
<td></td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day average)**</td>
<td>64 (7-day avg)</td>
<td>➡️</td>
<td>+7.1%</td>
<td>➡️</td>
<td>-73.5%</td>
<td></td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2020 YTD</td>
<td>437 daily crimes (7-day avg) as of 2/13/2021</td>
<td>➡️</td>
<td>-10.5%</td>
<td>➡️</td>
<td>-23.5%</td>
<td></td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2020 week</td>
<td>6,252 as of 1/30/2021</td>
<td>➡️</td>
<td>-9.1%</td>
<td>➡️</td>
<td>+198%</td>
<td></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 16, 2021, 11:00 AM

Cases have begun to decrease overall, but remain high.
Top 10 states, based on new cases over the last day include:

#1: 3,412.1K cases in California (+5.7K) - 8625 per 100K
47.1K deaths in California (+64) - 119.1 per 100K

#2: 2,567.3K cases in Texas (+3.3K) - 8944 per 100K
40.6K deaths in Texas (+52) - 141.6 per 100K

#3: 1,803.9K cases in Florida (+6.2K) - 8469 per 100K
29.7K deaths in Florida (+225) - 139.2 per 100K

#4: 1,542.9K cases in New York State (+6.8K) - 7895 per 100K
37.3K deaths in New York State (+107) - 191.0 per 100K

#5: 1,164.9K cases in Illinois (+1.3K) - 9143 per 100K
22.2K deaths in Illinois (+33) - 174.2 per 100K

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

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

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

Source: COVID Tracking Project and NY Times
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of February 16, 2021, 11:00 AM

Cases have begun to decrease overall but remain high.
Top 10 states, based on new cases over the last day include:

#1: 1,542.9K cases in New York State (+6.8K) - 7895 per 100K
37.3K deaths in New York State (+107) - 191.0 per 100K

#2: 1,803.9K cases in Florida (+6.2K) - 8469 per 100K
29.7K deaths in Florida (+225) - 139.2 per 100K

#3: 3,412.1K cases in California (+5.7K) - 8625 per 100K
47.1K deaths in California (+64) - 119.1 per 100K

#4: 751.1K cases in New Jersey (+3.6K) - 8430 per 100K
22.5K deaths in New Jersey (+31) - 252.5 per 100K

#5: 2,567.3K cases in Texas (+3.3K) - 8944 per 100K
40.6K deaths in Texas (+52) - 141.6 per 100K

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

Legend for map
New cases per day in the United States

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

**Yuma, Arizona:** 16,899 cases per 100K  
(36,127 total cases)

**Lubbock, Texas:** 15,392 cases per 100K  
(47,802 total cases)

**Webb, Texas:** 15,279 cases per 100K  
(42,270 total cases)

**Whitfield, Georgia:** 14,888 cases per 100K  
(15,577 total cases)

**Imperial, California:** 14,778 cases per 100K  
(26,779 total cases)

**Los Angeles, California:** 11,651 cases per 100K  
(1,169,688 total cases)

Los Angeles County ranks #27 out of 584 counties with 100K+
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of February 16, 2021, 11:00 AM

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

**Navajo, Arizona: 427.3 deaths per 100K**
(474 total deaths)

**Bronx, New York: 399.9 deaths per 100K**
(5,672 total deaths)

**Queens, New York: 377.3 deaths per 100K**
(8,503 total deaths)

**Yuma, Arizona: 354.6 deaths per 100K**
(758 total deaths)

**Kings, New York: 343.7 deaths per 100K**
(8,799 total deaths)

**Los Angeles, California: 191.4 deaths per 100K**
(19,216 total deaths)

*Los Angeles County ranks #112 out of 584 counties with 100K+*
The past seven days have seen an average daily increase of 2,528 new cases.

The past seven days have seen an average daily increase of 127 new deaths.

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

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 **34.3%** of cases in CA with an average of **2,528** new cases reported from 2/11 to 2/17 (-5.5% decrease)

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**CUMULATIVE CASES**

Sources: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.
### LA County Mortality Updates

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.6%</strong></td>
<td><strong>400</strong></td>
<td><strong>1,426</strong></td>
<td><strong>10,327</strong></td>
</tr>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td><strong>162</strong></td>
<td><strong>47,507</strong></td>
<td><strong>488.9K</strong></td>
<td><strong>2.4M</strong></td>
</tr>
<tr>
<td>New Deaths</td>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td>Total Deaths</td>
</tr>
</tbody>
</table>

#### DAILY MORTALITY IN LA COUNTY

![Chart showing daily mortality in LA County from 5/1 to 3/11]

- **3/11**: LA County accounts for **40.8%** of deaths in CA with an average of **127** new deaths reported from 2/11 to 2/17 (**2.4%** increase)

#### KEY TAKEAWAYS

- LA County accounts for **40.8%** of deaths in CA with an average of **127** new deaths reported from 2/11 to 2/17 (**2.4%** increase)

#### CUMULATIVE DEATHS

![Graph showing cumulative deaths from 3/11 to 2/17]

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.
• At least 3,983,180 tests have been performed at City of Los Angeles since 3/20

• On average, 6,646 tests were performed each day from 2/10 to 2/16

• 456,189 of the 3,916,083 tests for which results were received were positive (11.8%)

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

<table>
<thead>
<tr>
<th>TESTS COMPLETED</th>
<th>AVAILABILITY</th>
<th>POSITIVITY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.2K</td>
<td>3.98M</td>
<td></td>
</tr>
<tr>
<td>City Tests Since last report</td>
<td>Total City Sites Available Today</td>
<td>Cumulative City - Tests</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>11.8%</td>
</tr>
<tr>
<td></td>
<td>35K</td>
<td>9.7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19.3%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6.0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10.87%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**City’s 7-day Rate**

- For Tests (2 day lag)

**County’s 7-day Rate**

- For Tests (1 week lag)

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

**TESTS COMPLETED**

- 9,200 City Tests
- 3,980,000 Tests Completed

**AVAILABILITY**

- 10 Total City Sites Available Today
- 35,000 Available City Testing Capacity Today

**POSITIVITY RATE**

- Cumulative City - Tests: 11.8%
- Cumulative County - Tests: 9.7%
- Cumulative County - People: 19.3%
- County’s 7-day Rate For Tests: 6.0%
- City’s 7-day Rate For Tests: 10.87%

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

### County metrics as of February 10, 2021

LA County has tested a total of at least **5,714,530** people and a total of **14,516,467** specimens (tests)

### KEY TAKEAWAYS

- Asymptomatic Testing Begins
- LA County has tested a total of at least **5,714,530** people and a total of **14,516,467** specimens (tests)

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

- **5.4%**
- **6.0%**

**Legend:**
- 7-Day Positivity Rate
- Cumulative Postive Test Rate

**Source:** City of Los Angeles
At least 62,629 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: -3.4% change

ICU HOSPITALIZED: -1.9% change

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
COVID-19 • LOS ANGELES
COVID Vaccinations
COVID-19 Vaccinations Administered at City Sites

LOS ANGELES COUNTY (AS OF 2/11)

<table>
<thead>
<tr>
<th>Vaccines Allocated*</th>
<th>Vaccines Administered*</th>
<th>Vaccines Remaining*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,568,915</td>
<td>1,345,949</td>
<td>222,966</td>
</tr>
</tbody>
</table>

CITY OF LOS ANGELES (AS OF 2/16)

<table>
<thead>
<tr>
<th>Vaccines Received</th>
<th>Vaccines Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>350,647</td>
<td>324,568</td>
</tr>
</tbody>
</table>

KEY TAKEAWYS

Of the total administered: **5,118** vaccines have been administered to LAFD, **1,070** at SNFs, and **318,380** at City Sites.

CUMULATIVE VACCINES AT CITY SITES

All metrics as of February 16, unless otherwise noted.

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.

*County vaccine numbers from DPH’s [public vaccine](#) portal. Counts here may vary from other official DPH sources.
COVID-19 Vaccinations Administered by County at RAP PODs

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Vaccines Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/6</td>
<td>1421</td>
</tr>
<tr>
<td>1/7</td>
<td>2308</td>
</tr>
<tr>
<td>1/8</td>
<td>2368</td>
</tr>
<tr>
<td>1/12</td>
<td>2490</td>
</tr>
<tr>
<td>1/13</td>
<td>2262</td>
</tr>
<tr>
<td>1/14</td>
<td>2234</td>
</tr>
<tr>
<td>1/15</td>
<td>2265</td>
</tr>
<tr>
<td>1/19</td>
<td>863</td>
</tr>
<tr>
<td>1/20</td>
<td>2129</td>
</tr>
<tr>
<td>1/21</td>
<td>2127</td>
</tr>
<tr>
<td>1/22</td>
<td>1191</td>
</tr>
<tr>
<td>1/26</td>
<td>1239</td>
</tr>
<tr>
<td>1/27</td>
<td>1597</td>
</tr>
<tr>
<td>1/28</td>
<td>1191</td>
</tr>
<tr>
<td>1/29</td>
<td>2073</td>
</tr>
<tr>
<td>2/2</td>
<td>1050</td>
</tr>
<tr>
<td>2/3</td>
<td>2129</td>
</tr>
<tr>
<td>2/4</td>
<td>1393</td>
</tr>
<tr>
<td>2/5</td>
<td>1984</td>
</tr>
<tr>
<td>2/6</td>
<td>2310</td>
</tr>
<tr>
<td>2/9</td>
<td>2265</td>
</tr>
<tr>
<td>2/10</td>
<td>2420</td>
</tr>
<tr>
<td>2/11</td>
<td>2800</td>
</tr>
<tr>
<td>2/12</td>
<td>2,815</td>
</tr>
</tbody>
</table>

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.
COVID-19 • LOS ANGELES COUNTY

Demographic Comparisons
Cases by Demographics

All metrics last updated at 1 PM, February 11, 2021

13% 0 to 17 yrs
23.7% 18 to 29 yrs
33.4% 30 to 49 yrs
19.2% 50 to 64 yrs
10.6% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

Age
- 0 to 17 yrs: 13.0%
- 18 to 29 yrs: 22.7%
- 30 to 49 yrs: 33.4%
- 50 to 64 yrs: 19.2%
- 65+: 10.6%

Race
- Asian: 5.9%
- Black: 4.9%
- Hispanic/Latino: 62.5%
- White: 13.3%
- Other: 12.8%
- American Indian or Alaska Native: 0.2%
- Native Hawaiian or Other Pacific Islander: 0.6%

Gender
- Female: 51.8%
- Male: 48.2%

KEY TAKEAWAYS

Data is incomplete with 24.0% 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
0.6% 18 to 29 yrs
6.6% 30 to 49 yrs
20% 50 to 64 yrs
72.7% 65+

KEY TAKEAWAYS

• Data is incomplete with 1.1% 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
• 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 2/11 to 2/17

<table>
<thead>
<tr>
<th></th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Cases Reported</td>
<td>7,595</td>
<td>2,528</td>
<td>934</td>
</tr>
<tr>
<td>(34.3% of cases in CA)</td>
<td></td>
<td>(13.9% of cases in CA)</td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>-7.5%</td>
<td>-5.5%</td>
<td>-8.4%</td>
</tr>
</tbody>
</table>

% Change from yesterday

Week of 2/11 to 2/17

<table>
<thead>
<tr>
<th></th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Deaths Reported</td>
<td>359</td>
<td>127</td>
<td>48</td>
</tr>
<tr>
<td>(40.8% of deaths in CA)</td>
<td></td>
<td>(16.7% of deaths in CA)</td>
<td></td>
</tr>
<tr>
<td>% Change from yesterday</td>
<td>-4.5%</td>
<td>2.4%</td>
<td>0.3%</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 February 16, there are open/active outbreaks at 230 non-residential locations in Los Angeles with at least three cases for a total of 10,132 confirmed cases.

• New outbreaks have been identified at eight locations, with the largest new outbreaks at the following locations:
  - Atlas Assembly, Glendale: 58 confirmed cases
  - Shultz Steel Co., South Gate: 23 confirmed cases
  - St. John Eudes, Chatsworth: 15 confirmed cases
  - Athens Services, Irwindale: 13 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.

Not pictured on map: Lancaster, Palmdale
**Key Takeaways:**
450 total beds

Since last week, there has been a:
- **12.1% increase** in available acute care beds. Surge capacity is 13,400.*
- **29.2% increase** in available ICU beds. Surge capacity is 3,000.*
- **3.7% increase** in available ventilators. Surge capacity is 3,199.*

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

**County Total Reported Bed Capacity in County: 23,318 Staffed Beds in all Categories**

(ICU, Rehab, Unspecified Acute, Coronary Care, NICU, Perinatal, Pediatric, Psych, Skilled Nursing)
Hospital Bed and Equipment Capacity for LA County
As of February 16, 2021 • One-day lag

EQUIPMENT AVAILABILITY

ICU BEDS

ACUTE CARE BEDS

VENTILATORS

Note: Additional surge capacity beyond these numbers may be possible based on an 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
N95 Mask Stock: First Responders*
As of February 17, 2021

Key Takeaways:

- Current mask stock is **892,913**
- The stock of masks decreased **.7%** 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
**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>123</td>
<td>3,457</td>
<td>835.5K</td>
<td>53K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

**COVID Related Calls**

- **Non-COVID Related Calls**
  - 3,457
- **All 311/Hotline Calls Since 3/26**
  - 835.5K
- **Total COVID Calls - Since 3/26**
  - 53K
- **Total Calls for Angeleno Card**
  - 30,455

**All metrics last updated February 16, 2021**

**KEY TAKEAWAYS**

- **3.56%** of the total 311 calls were COVID-related.
- Wait time was **3.3 mins for each call.**

**CALL THEMES**

- Testing or results
- Vaccine availability or related complaints
- Rent and eviction questions
- Restrictions and travel

**Legend:**

- 311 - Non-COVID
- 311 - COVID

**Source:** ITA - 311 Contact Center
Key Takeaways:
• At least 6,022 visits made as of 2/16:
  • DSW Visited Locations: 3,384
  • LAPD Visited Applications: 2,556
  • Complaint Applications: 115
  • DWP Checks: 438
  • DWP Shut Offs: 9

No new visits have been conducted in the last week.

Source: City of Los Angeles
Note: Program on hold from May 29-July 21
Prepared by Mayor’s Innovation Team
Los Angeles Traffic
Continued increase to traffic but still lower than usual non-COVID traffic levels
BEHAVIOR ANALYSIS
As of February 13, 2021

LA Crime Data - 2021 vs 2020

18.1% reduction in overall crime

"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
Page 46
Key Takeaways:

- Homicides in 2021 are currently above the equivalent year-to-date 2020
- Homicides are currently 35.9% 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
Summary of Apple Mobility Data for Los Angeles
As of February 16, 2021 • One-day lag

Key Takeaways:
- Walking direction requests have decreased by 7%
- Driving direction requests have decreased by 9%
- Transit direction requests have decreased by 52%

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Page 48
Key Takeaways:
• 37% of residents are staying home

Source: Safegraph

Summary of Safegraph Mobility Data
As of February 14, 2021 • Three-day lag
Key Takeaways:
• 6,252 new claims from 1/24-1/30, 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%)
• 1,402,965 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
## County Department of Social Services Applications
As of January 2021

### Key Takeaways:

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications in January</th>
<th>% Change from last month</th>
</tr>
</thead>
<tbody>
<tr>
<td>CalWORKs</td>
<td>9,056</td>
<td>-15.6%</td>
</tr>
<tr>
<td>General Relief</td>
<td>13,609</td>
<td>4.9%</td>
</tr>
<tr>
<td>CAPI</td>
<td>163</td>
<td>-6.1%</td>
</tr>
<tr>
<td>Medi-Cal</td>
<td>32,540</td>
<td>-23.7%</td>
</tr>
<tr>
<td>CalFresh</td>
<td>64,584</td>
<td>-20.5%</td>
</tr>
<tr>
<td>IHSS</td>
<td>4,515</td>
<td>7.3%</td>
</tr>
</tbody>
</table>

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![Graph showing applications over time for various programs]

Prepared by Mayor’s Innovation Team

Source: DPSS At A Glance
COVID-19 • CITY OF LOS ANGELES

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

Mayor Garcetti updated his emergency order to help prevent the spread of COVID-19 by extending paid leave benefits to more workers exposed to COVID-19, assisting elderly family members, or caring for relatives who may be infected with the virus. The updated supplemental paid leave order now covers Angelenos who have worked at least 60 days at large businesses and nonprofits with more than 500 employees in the city or more than 2,000 employees nationwide, regardless of the date the employment began.

Mayor Garcetti announced that City vaccination sites will prioritize second doses this week. Because of vaccine supply constraints, first doses will be severely limited. Local leaders continue to advocate for a larger supply of COVID-19 vaccines for the City and County of Los Angeles.

All City Actions to-date can be found in this spreadsheet.
End of Report
February 17, 2021