INDEX

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

Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of February 5, 2021

Source: New York Times
As virus variants gain a foothold in the U.S., the F.D.A. says it is preparing a plan.
!

Source: NPR
Congress Approves Budget, Paving the Way For Biden’s COVID-19 Relief Package

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

Source: NPR
Russia’s Sputnik Vaccine Is Reported To Be 92% Effective Against COVID-19

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

Source: New York Times
As Virus Variants Spread, ‘No One Is Safe Until Everyone Is Safe’

Source: Wall Street Journal
U.S. Unemployment Claims Fell to 779,000 Last Week

Source: Wall Street Journal
AstraZeneca Covid-19 Vaccine Effective Against U.K. Variant in Trial
COVID-19 DATA SUMMARY
Data Snapshot
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.

Source: California Department of Public Health
Prepared by Mayor’s Innovation Team
**Los Angeles County Key Metrics**

**As of February 5, 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>5,115 (7-day avg)</td>
<td></td>
<td>-31.1%</td>
<td></td>
<td>+390.4%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>207 (7-day avg)</td>
<td></td>
<td>+0.1%</td>
<td></td>
<td>+309.9%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>10% (overall)</td>
<td></td>
<td>-1.9%</td>
<td></td>
<td>-1.6%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day average)*</td>
<td>401 (7-day avg)</td>
<td></td>
<td>-15.12%</td>
<td></td>
<td>+157.7%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day average)*</td>
<td>373 (7-day avg)</td>
<td></td>
<td>+10.4%</td>
<td></td>
<td>-66.6%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day average)*</td>
<td>59 (7-day avg)</td>
<td></td>
<td>+6.1%</td>
<td></td>
<td>-75.8%</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>6,875 as of 1/23/2021</td>
<td></td>
<td>-44.8%</td>
<td></td>
<td>+185%</td>
</tr>
</tbody>
</table>

**Key Takeaways:**

The following metrics have seen **undesirable** movement over the past seven days for which data are available: New Cases (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.

*As of 2/3/2021

---

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

Prepared by Mayor’s Innovation Team
Data range is Saturday - Friday

*Testing, Hospital Capacity, and New Hospitalization data as of 2/4/2021
COVID-19 DATA SUMMARY
United States Update
Cases have begun to decrease overall but remain high. Top five states, based on new cases over the last day include:

#1: 3,294.4K cases in California (+13.2K) - 8328 per 100K
42.5K deaths in California (+655) - 107.4 per 100K

#2: 2,448.4K cases in Texas (+15.3K) - 8530 per 100K
37.7K deaths in Texas (+439) - 131.4 per 100K

#3: 1,720.8K cases in Florida (+8.4K) - 8078 per 100K
27.7K deaths in Florida (+226) - 130.0 per 100K

#4: 1,440.7K cases in New York State (+7.4K) - 7372 per 100K
35.8K deaths in New York State (+136) - 183.0 per 100K

#5: 1,137.6K cases in Illinois (+3.3K) - 8928 per 100K
21.5K deaths in Illinois (+77) - 168.7 per 100K

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

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

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

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of February 4, 2021, 11:00 AM

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

#1: 2,448.4K cases in Texas (+15.3K) - 8530 per 100K
37.7K deaths in Texas (+439) - 131.4 per 100K

#2: 3,294.4K cases in California (+13.2K) - 8328 per 100K
42.5K deaths in California (+655) - 107.4 per 100K

#3: 1,720.8K cases in Florida (+8.4K) - 8078 per 100K
27.7K deaths in Florida (+226) - 130.0 per 100K

#4: 1,440.7K cases in New York State (+7.4K) - 7372 per 100K
35.8K deaths in New York State (+136) - 183.0 per 100K

#5: 928.1K cases in Georgia (+5.7K) - 8822 per 100K
14.8K deaths in Georgia (+169) - 140.3 per 100K

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

Source: COVID Tracking Project
Prepared by Mayor’s Innovation Team
Top five per capita (per 100K) cases by County:

**Yuma, Arizona: 16,562 cases** per 100K (35,408 total cases)

**Lubbock, Texas: 15,196 cases** per 100K (47,195 total cases)

**Webb, Texas: 14,754 cases** per 100K (40,818 total cases)

**Imperial, California: 14,548 cases** per 100K (26,363 total cases)

**Whitfield, Georgia: 14,540 cases** per 100K (15,213 total cases)

**Los Angeles, California: 11,302 cases** per 100K (1,134,595 total cases)

Los Angeles County ranks #30 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
Prepared by Mayor’s Innovation Team
## COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of February 4, 2021, 2:00 PM • One-day lag

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

**Navajo, Arizona: 403.9 deaths per 100K**
(448 total deaths)

**Bronx, New York: 385.8 deaths per 100K**
(5,471 total deaths)

**Queens, New York: 365.1 deaths per 100K**
(8,229 total deaths)

**Yuma, Arizona: 341.0 deaths per 100K**
(729 total deaths)

**Kings, New York: 331.3 deaths per 100K**
(8,481 total deaths)

**Los Angeles, California: 174.9 deaths per 100K**
(17,555 total deaths)

*Los Angeles County ranks #125 out of 584 counties with 100K+*
LA County New Cases and New Deaths, 7-Day Average

CASES DAILY UPDATE

<table>
<thead>
<tr>
<th>Infection Rate</th>
<th>New Cases</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.83</td>
<td>4,761</td>
<td>1,138,764</td>
</tr>
</tbody>
</table>

DEATHS DAILY UPDATE

<table>
<thead>
<tr>
<th>Mortality Rate</th>
<th>New Deaths</th>
<th>Total Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5%</td>
<td>226</td>
<td>17,764</td>
</tr>
</tbody>
</table>

7-DAY AVERAGE OF CASES & DEATHS

- The past seven days have seen an average daily increase of 5,115 new cases.
- The past seven days have seen an average daily increase of 207 new deaths.

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

Note: The reported cases on 12/14 were artificially low due to backlogs from certain labs.

Source: Los Angeles County New Cases and New Deaths, 7-Day Average
LA County accounts for 34.4% of cases in CA with an average of 5,115 new cases reported from 1/30 to 2/05 (-6.2% decrease)

**Infection Rate**
- Ideal < 1.0

**New Cases**
- LA County: 4,761
- California: 14,021
- United States: 160,671
- Global: 592,315

**Total Cases**
- LA County: 1,138,764
- California: 3.31M
- United States: 26.8M
- Global: 105.2M

**LA COUNTY DAILY CASES**

**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

**Los Angeles**
- Mortality Rate: 1.5%
- New Deaths: 226
- Total Deaths: 17,764

**California**
- New Deaths: 558
- Total Deaths: 43,024

**United States**
- New Deaths: 3,695
- Total Deaths: 457,800

**Global**
- New Deaths: 16,720
- Total Deaths: 2,300,000

**Key Takeaways**
- LA County accounts for **41.3%** of deaths in CA with an average of **207** new deaths reported from 1/30 to 2/05 (−0.1% 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 3,905,482 tests have been performed at City of Los Angeles since 3/20.
- On average, 10,286 tests were performed each day from 1/29 to 2/4.
- 447,406 of the 3,843,308 tests for which results were received were positive (11.8%).

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

### TESTS COMPLETED
- **9.5K** City Tests (Since last report)
- **3.91M** City Tests (Since 3/20)

### AVAILABILITY
- **10** Total City Sites Available Today
- **23.2K** Avail. City Testing Capacity Today

### POSITIVITY RATE
- **11.8%** Cumulative City - Tests
- **9.9%** Cumulative County - Tests
- **19.2%** Cumulative County - People
- **10.0%** County’s 7-day Rate For Tests (1 week lag)
- **16.76%** City’s 7-day Rate For Tests (2 day lag)

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

Asymptomatic Testing Begins

City positive rate as of February 4/February 3, 2021
County metrics as of January 30, 2021

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

**KEY TAKEAWAYS**

LA County has tested a total of at least **5,573,178** people and a total of **13,817,152** specimens (tests)

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

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

Source: City of Los Angeles
LA Hospitalization Updates

NEW HOSPITALIZATIONS IN LA COUNTY

<table>
<thead>
<tr>
<th>Date</th>
<th>New Hospitalizations</th>
<th>Current Hospitalizations</th>
<th>Total Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/18</td>
<td>406</td>
<td>4,607</td>
<td>59.5K</td>
</tr>
</tbody>
</table>

EQUIPMENT AVAILABILITY (AS OF 2/4)

<table>
<thead>
<tr>
<th>Date</th>
<th>Total Beds Available</th>
<th>Acute Care Beds Available</th>
<th>ICU Beds Available</th>
<th>Ventilators Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/4</td>
<td>546</td>
<td>473</td>
<td>73</td>
<td>1128</td>
</tr>
</tbody>
</table>

All metrics as of February 3, unless otherwise noted.

Legend (for graph on left)
- New Hospitalizations (7 Day Rolling Average)
- New Hospitalizations

Source: New Hospitalizations data from County HavBed Bed Tracking, County Hospitalization data from CA Open Data Portal

KEY TAKEAWAYS

At least 59,466 people have been hospitalized since 3/18

CURRENTLY HOSPITALIZED: -3.9% change

ICU HOSPITALIZED: -4.3% 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 2/4)**
- Vaccines Received: 255,351
- Vaccines Administered: 237,441

**DAILY COVID-19 VACCINES ADMINISTERED IN LA CITY**

- Column Graph showing daily vaccines administered in various locations.

**CUMULATIVE VACCINES AT CITY SITES**

- **Source**: LAFD

---

**KEY TAKEAWAYS**

Of the total administered: **4,533** vaccines have been administered to LAFD, **902** at SNFs, and **232,006** at City Sites.

---

*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

**KEY TAKEAWAYS**

31,022

Vaccines Administered

**CUMULATIVE VACCINES AT RAP PODS**

- **All metrics as of February 4, unless otherwise noted**

**Legend** (for graph on left)

- **Legend:** Hazard (closed)
- **Legend:** Balboa Rec Center
- **Legend:** El Sereno Rec Center
- **Legend:** Ritchie Valens (closed)

**Source:** LAFD
Cases by Demographics

13% 0 to 17 yrs
24% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
11% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>0 to 17</th>
<th>18 to 29</th>
<th>30 to 49</th>
<th>50 to 64</th>
<th>65+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>2,096,996</td>
<td>1,703,423</td>
<td>2,725,450</td>
<td>1,856,788</td>
<td>1,268,675</td>
</tr>
<tr>
<td>Percent</td>
<td>13.0%</td>
<td>23.8%</td>
<td>33.5%</td>
<td>19.2%</td>
<td>10.5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Asian</th>
<th>Black</th>
<th>Hispanic/Latino</th>
<th>White</th>
<th>Other</th>
<th>American Indian or Alaska Native</th>
<th>Native Hawaiian or Other Pacific Islander</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1,692,554</td>
<td>811,476</td>
<td>4,386,514</td>
<td>2,617,709</td>
<td>373,415</td>
<td>77,089</td>
<td>28,376</td>
</tr>
<tr>
<td>Percent</td>
<td>5.8%</td>
<td>4.7%</td>
<td>62.3%</td>
<td>13.2%</td>
<td>13.2%</td>
<td>0.2%</td>
<td>0.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>4,890,381</td>
<td>4,760,352</td>
</tr>
<tr>
<td>Percent</td>
<td>51.8%</td>
<td>48.2%</td>
</tr>
</tbody>
</table>

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

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

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

Age

0 to 17 yrs: 0.6%
18 to 29 yrs: 0.6%
30 to 49 yrs: 5.6%
50 to 64 yrs: 19.8%
65+: 72.9%

Race

Asian: 13.1%
Black: 8.5%
Hispanic/Latino: 51.9%
White: 23.8%
Other: 2.9%
Native Hawaiian or Other Pacific Islander: 0.5%

Gender

Female: 58.4%
Male: 41.6%

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

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

Comparative Updates
WEEKLY TOTALS

City + County + State Update
As of February 5, 2021, Updated 1:00 PM

NEW CASES REPORTED

<table>
<thead>
<tr>
<th>Week of 1/30 to 2/05</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>102,521</td>
<td>35,807</td>
<td>13,917</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-28.7%</td>
<td>-31.1%</td>
<td>-32.6%</td>
</tr>
</tbody>
</table>

NEW DEATHS REPORTED

<table>
<thead>
<tr>
<th>Week of 1/30 to 2/05</th>
<th>CA</th>
<th>LA County</th>
<th>City of LA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Total</td>
<td>3,446</td>
<td>1,451</td>
<td>609</td>
</tr>
<tr>
<td>% Change from last week</td>
<td>-9.6%</td>
<td>0.1%</td>
<td>12.6%</td>
</tr>
</tbody>
</table>
COVID-19 • LOS ANGELES COUNTY
Medical Capacity and Supplies
HOSPITALIZATIONS

Key Takeaways:
546 total beds

Since last week, there has been a:
- **6.8% increase** in available acute care beds. Surge capacity is 13,400. *
- **10.6% increase** in available ICU beds. Surge capacity is 3,000. *
- **6.3% 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 February 4, 2021 • One-day lag

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)

Prepared by Mayor’s Innovation Team

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 3, 2021 • Two-day lag

**HOSPITALIZATIONS**

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

**ICU BEDS**

**ACUTE CARE BEDS**

**VENTILATORS**

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.
COVID-19 DATA SUMMARY

City Response and Preparedness
**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>3,131</td>
<td>810.4K</td>
<td>52.1K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

- **3.93%** of the total 311 calls were COVID-related.
- Wait time was **0.6 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

All metrics last updated February 4, 2021
COVID-19 • LOS ANGELES CITY OVERVIEW

Economic Analysis
Key Takeaways:
• 6,875 new claims from 1/17-1/23, 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%)

• 1,396,713 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

ECONOMIC ANALYSIS

New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of January 23, 2021

Prepared by Mayor’s Innovation Team

Source: California EDD
End of Report
February 5, 2021