DAILY LOS ANGELES
COVID-19 Data Summary

Response Day 286
Wednesday December 23, 2020

Prepared by
City of Los Angeles, Mayor Garcetti’s Innovation Team
COVID-19 HEADLINES OF THE WEEK • As of December 23, 2020

‘We Cannot Continue With Christmas’: U.K. Tightens Rules As Virus Variant Spreads

Congress Strikes Long-Sought Stimulus Deal to Provide $900 Billion in Aid

Frontline Workers and People Over 74 Should Get Shots Next, C.D.C. Panel Says

As COVID-19 Cases Soar, Overwhelmed California Hospitals Worry About Rationing Care

1st Moderna vaccines distributed in SoCal as California nears 2M COVID-19 cases

U.S. buys another 100M doses of Pfizer-BioNTech coronavirus vaccine

Drugmakers expect tests to confirm vaccines effective against new coronavirus variant
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 increase.

- The estimated transmission number (“R”) is 1.11 with an uncertainty of 1.06 to 1.17. This is a decrease from last week, when the estimate was 1.20. When R is above 1, the number of cases will increase over time.

- Based on the current estimate for R, and assuming no change in behavior, the number of cases will continue to go up, with likely shortages in the number of hospital beds and especially ICU beds over the next 4 weeks. The number of ventilators Los Angeles County appears adequate.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?

The model suggest that about 1.05% of everyone in Los Angeles County is currently infected and infectious to others (uncertainty of 0.66% to 1.57%).

This suggests about 1 in 95 Los Angeles County residents are currently infectious to others (uncertainty between 1 in 150 and 1 in 60). Last week this estimate was 1 in 80.

HOW MANY IN LOS ANGELES WILL BE HOSPITALIZED OR DIE IN THE CURRENT SURGE?

From November 1, 2020 through January 31, 2021, the epidemic prediction model estimates that:

- 1,000 people in Los Angeles County will require hospitalization for COVID-19 (uncertainty of 38,500 to 67,250).

- 8,700 people in Los Angeles County will die from COVID-19 (uncertainty 7,100 to 10,600).

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

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

Hospital New Patient Projections: From Last Week
As of December 16, 2020

Start date July 1
Scale 0 to 1500/day

Where we were

Uncertainty with no change in transmission behavior

Additional uncertainty if transmission behavior varies

Source: Los Angeles County Department of Health Services
Hospital New Patient Projections
As of December 21, 2020

Start date July 1
Scale 0 to 1500/day

Where we are today

Additional uncertainty if transmission behavior varies

Uncertainty with no change in transmission behavior

Source: Los Angeles County Department of Health Services
Los Angeles County Projections

Predictions of Demand in LA County | Hospital Beds
As of December 21, 2020

Prepared by Mayor's Innovation Team

Source: Los Angeles County Department of Health Services
Predictions of Demand in LA County | ICU Beds
As of December 21, 2020

Los Angeles County Department of Health Services

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 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 December 21, 2020

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 change in transmission behavior

Source: Los Angeles County Department of Health Services
Predictions of Daily Mortality LA County - Scale 0 to 300/day
As of December 21, 2020

- Daily reported deaths
- Δ 7-day running average

Start date July 1
Scale 0 to 300/day

Where we are today

Uncertainty with no change in transmission behavior

Additional uncertainty if transmission behavior varies

Prepared by Mayor's Innovation Team
Source: Los Angeles County Department of Health Services
LOS ANGELES COUNTY PROJECTIONS

Daily New COVID-19 Hospitalizations
By Service Planning Areas (SPAs), per 100 Hospital Beds

- Prior scale was 0 to 10 daily COVID-19 admissions per 100 hospital beds
- The transmission of COVID-19 in Los Angeles County is changing over time, with different patterns in different geographic areas
- More detailed geographical analysis is required to identify specific communities needing additional support in identifying cases and limiting spread

Prepared by Mayor’s Innovation Team

Source: Los Angeles County Department of Health Services
What about Influenza?
As of December 21, 2020

We have not yet seen significant influenza activity in Los Angeles County. The usual seasonal increase in utilization of hospital beds from influenza-associated illnesses is shown here. Influenza-associated illnesses typically lead to a demand for hospital beds similar to the current demand for patients with COVID-19. These estimates will be updated when influenza activity is detected.

Source: Los Angeles County Department of Health Services
Hospital Admissions are a Decreasing Fraction of New Cases
As of December 21, 2020

Source: Los Angeles County Department of Health Services
COVID-19 DATA SUMMARY

Data Snapshot
The **Regional Stay Home Order**, announced December 3, 2020, and a **supplemental order**, signed December 6, 2020, will go 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;
- They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all others.

**Once triggered, these orders will remain in effect for at least 3 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 3 week period.

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

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>28.8%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>11.4%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>15.6%</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**

- **80.7** New COVID-19 Positive Cases Per Day Per 100k Residents
- **13.3%** 7-Day Positivity Rate
- **1.4%** ICU Availability

*Source: COVID19.CA.GOV*

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

All metrics are evaluated on a 7-day lag. Current data range: 12/6/20 - 12/12/20

**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>State Reopening 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><strong>New COVID-19 positive cases per 100K</strong></td>
<td>12/22</td>
<td>106</td>
<td>+25.6%</td>
<td>12/15</td>
<td>84.4</td>
</tr>
<tr>
<td><strong>Adjusted case rate for tier assignment</strong></td>
<td>12/22</td>
<td>53</td>
<td>+25.6%</td>
<td>12/15</td>
<td>42.2</td>
</tr>
<tr>
<td><strong>Positivity Rate</strong></td>
<td>12/22</td>
<td>14.3%</td>
<td>+2.9% (% Point Difference)</td>
<td>12/15</td>
<td>11.4%</td>
</tr>
<tr>
<td><strong>Health Equity Metric (starting 10/6)</strong></td>
<td>12/22</td>
<td>20.3%</td>
<td>+3.3% (% Point Difference)</td>
<td>12/15</td>
<td>17.0%</td>
</tr>
</tbody>
</table>

Source: California Department of Public Health
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## LOS ANGELES COUNTY
### KEY METRICS

As of December 23, 2020, 1 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><strong>New Cases (7-day avg.)</strong></td>
<td>14,106</td>
<td></td>
<td>+7.6%</td>
<td></td>
<td>+1252.5%</td>
</tr>
<tr>
<td><strong>New Deaths (7-day avg.)</strong></td>
<td>86</td>
<td></td>
<td>+22.2%</td>
<td></td>
<td>+70.9%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of one week ago)</td>
<td>16.4% (overall)</td>
<td></td>
<td>+1.4%</td>
<td></td>
<td>+1.5%</td>
</tr>
<tr>
<td><strong>New Hospitalizations (7-day avg)</strong>*</td>
<td>610</td>
<td></td>
<td>+25.3%</td>
<td></td>
<td>+292.2%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity (7-day avg)</strong></td>
<td>285</td>
<td></td>
<td>-13.5%</td>
<td></td>
<td>-74.4%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity (7-day avg)</strong></td>
<td>41</td>
<td></td>
<td>-40.6%</td>
<td></td>
<td>-83.3%</td>
</tr>
<tr>
<td><strong>LA City Crime (7-day avg)</strong></td>
<td>412 daily crimes</td>
<td></td>
<td>-10.1%</td>
<td></td>
<td>-34.1%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims (includes PUA)</strong></td>
<td>7,572</td>
<td></td>
<td>+45.6%</td>
<td></td>
<td>+293%</td>
</tr>
</tbody>
</table>

Key Takeaways:
The following metrics have seen **undesirable** movement over the past seven days for which data are available:

- New Cases
- New Deaths
- 7-Day COVID Positive Test Rate
- New Hospitalizations
- Acute Care Bed Capacity
- ICU Bed Capacity
- LA City Unemployment Insurance Claims

The following metrics have seen **desirable** movement over the past seven days:

- LA City Crime

*Unless otherwise noted, the baseline period is the week of 4/18/20-4/24/20, our highest week in the month of April, first full month of reporting on record

**As of 12/22/20

### 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 December 22, 2020, 8:00 PM**

**Source:** COVID Tracking Project

**Prepared by Mayor’s Innovation Team**

Cases are on the rise across the entire United States. The top five states, based on overall cases include:

- **#1:** 1,925.0K cases in California (+32.7K) - 4866 per 100K
  - 22.9K deaths in California (+247) - 57.9 per 100K
- **#2:** 1,613.1K cases in Texas (+21.1K) - 5620 per 100K
  - 25.6K deaths in Texas (+191) - 89.2 per 100K
- **#3:** 1,202.7K cases in Florida (+10.2K) - 5646 per 100K
  - 21.1K deaths in Florida (+76) - 98.8 per 100K
- **#4:** 911.3K cases in Illinois (+6.2K) - 7152 per 100K
  - 16.7K deaths in Illinois (+144) - 130.8 per 100K
- **#5:** 866.8K cases in New York State (+9.7K) - 4435 per 100K
  - 28.9K deaths in New York State (+141) - 147.6 per 100K

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

#### California ranks ...
- **#1** in Cases
- **#36** in Cases per 100K
- **#3** in Deaths
- **#40** in Deaths per 100K

**Legend for map**

![Legend for map](image)

**New cases per day in the United States**

![New cases per day in the United States](image)
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of December 22, 2020, 8:00 PM

Covid-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of December 22, 2020, 8:00 PM

Cases are on the rise across the entire United States. The top five states, based on new cases over the last day include:

#1: 1,925.0K cases in California (+32.7K) - 4866 per 100K
22.9K deaths in California (+247) - 57.9 per 100K

#2: 1,613.1K cases in Texas (+21.1K) - 5620 per 100K
25.6K deaths in Texas (+191) - 89.2 per 100K

#3: 1,202.7K cases in Florida (+10.2K) - 5646 per 100K
21.1K deaths in Florida (+76) - 98.8 per 100K

#4: 866.8K cases in New York State (+9.7K) - 4435 per 100K
28.9K deaths in New York State (+141) - 147.6 per 100K

#5: 571.6K cases in Pennsylvania (+8.0K) - 4462 per 100K
14.2K deaths in Pennsylvania (+231) - 111.0 per 100K

Rounding out the top ten are: Ohio, Illinois, Georgia, Arizona, North Carolina

California ranks...
#1 in Cases
#36 in Cases per 100K
#3 in Deaths
#40 in Deaths per 100K

Source: COVID Tracking Project
Prepared by Mayor’s Innovation Team
Top 5 per capita (per 100K) cases by County:

**Lubbock, Texas**: 12,718 cases per 100K (39,498 total cases)

**Potter, Texas (Amarillo)**: 12,612 cases per 100K (14,808 total cases)

**Minnehaha, South Dakota (Sioux Falls)**: 12,506 cases per 100K (24,154 total cases)

**Yuma, Arizona**: 11,818 cases per 100K (25,265 total cases)

**Imperial, California**: 11,585 cases per 100K (20,994 total cases)

**Los Angeles, California**: 6,450 cases per 100K (647,542 total cases)

*Los Angeles County ranks #146 out of 584 counties with 100K+*
COVID-19 US Deaths - Per Capita County Comparison (Counties >=100K ppl)
As of December 21, 2020, 4:00 PM • One-day lag

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

**Bronx, New York: 358.5 deaths** per 100K (5,084 total deaths)

**Queens, New York: 331.8 deaths** per 100K (7,479 total deaths)

**Kings, New York: 298.2 deaths** per 100K (7,633 total deaths)

**Essex, New Jersey (NYC Metro Area): 292.8 deaths** per 100K (2,339 total deaths)

**Passaic, New Jersey (NYC Metro Area): 280.4 deaths** per 100K (1,407 total deaths)

**Los Angeles, California: 89.8 deaths** per 100K (9,016 total deaths)

Los Angeles County ranks #235 out of 584 counties with 100K+

Source: Los Angeles County Department of Health, Johns Hopkins University
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Key Indicators
Cases, Deaths, Testing, and Hospitalizations
KEY TAKEAWAYS

The past seven days have seen an average daily increase of 14,106 new cases.

The past seven days have seen an average daily increase of 86 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
KEY TAKEAWAYS

- LA County accounts for 33.8% of cases in CA with an average of 14,106 new cases reported from 12/16 to 12/23 (2.5% 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.
LA County Mortality Updates

**KEY TAKEAWAYS**

- LA County accounts for **39.3%** of deaths in CA with an average of **86** new deaths reported from 12/16 to 12/23 (**1.0%** 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.

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KEY TAKEAWAYS

• At least 3,115,396 tests have been performed at City of Los Angeles since 3/20

• On average, 38,158 tests were performed each day from 12/16 to 12/22

• 263,257 of the 2,991,928 tests for which results were received were positive (8.8%)

Source: City of Los Angeles
POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day for 7-day rate )

KEY TAKEAWAYS

• LA County has tested a total of at least 4,469,138 people and a total of 9,928,936 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

**LOS ANGELES**
- New Hospitalizations: 717
- Current Hospitalizations: 6,499
- Total Hospitalizations: 36,931

**CURRENTLY HOSPITALIZED**
- Total Beds Available: 285
- Acute Care Beds Available: 252
- ICU Beds Available: 33
- Ventilators Available: 819

**NEW HOSPITALIZATIONS IN LA COUNTY**

- As of December 22

**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 36,931 people have been hospitalized since 3/18

**CURRENTLY HOSPITALIZED:** +5.6%

**INCREASE IN ICU:** +3.7%

The Regional Stay Home Order went into effect on 12/6 at 11:59 PM, the day after the Southern California region dipped below 15% ICU availability. This order prohibits private gatherings of any size, closes sector operations except for critical infrastructure and retail, and requires 100% masking and physical distancing in all others.
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Demographic Comparisons
Cases by Demographics*

12% 0 to 17 yrs
25% 18 to 29 yrs
34% 30 to 49 yrs
19% 50 to 64 yrs
10% 65+

PERCENT OF TOTAL CASES COMPARED TO POPULATION

Age
- 0 to 17: 2,096,996 population, 12%
- 18 to 29: 1,703,423 population, 25%
- 30 to 49: 2,729,410 population, 34%
- 50 to 64: 1,856,788 population, 19%
- 65+: 1,168,675 population, 10%

Race
- Asian: 1,492,554 population, 5%
- Black: 811,076 population, 5%
- Hispanic/Latino: 4,836,314 population, 61%
- White: 2,619,709 population, 14%
- Other: 372,415 population, 15%

Gender
- Female: 4,690,881 population, 51%
- Male: 4,741,012 population, 49%

KEY TAKEAWAYS
- Data is incomplete with 31.4% of cases still under investigation

MOST IMPACTED GROUPS
- Hispanic/Latino Americans
- Females
- 30-59 year olds
- 18-29 year olds

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

Source: Los Angeles Department of Public Health.
Deaths by Demographics*

All metrics last updated at 1 PM, December 19, 2020

0% 0 to 17 yrs
1% 18 to 29 yrs
7% 30 to 49 yrs
19% 50 to 64 yrs
74% 65+

KEY TAKEAWAYS

• Data is incomplete with 0.4% of deaths still under investigation
• 8192 out of 8875 deaths (92.3%) had comorbidities (underlying conditions)

MOST IMPACTED GROUPS

• 65+
• Males
• Hispanic/Latino Americans
• Black Americans

Legend

Source: Los Angeles Department of Public Health.
Key Takeaways:

- An average of 41,856 Cases reported in CA from 12/16 to 12/23 (2.2% increase)

- LA County accounts for 33.8% of cases in CA with an average of 14,106 new cases reported from 12/16 to 12/23 (2.5% increase)

- The City of LA accounts for 13.6% of cases in CA with an average of 5,367 new cases reported from 12/16 to 12/23 (2.3% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

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**MORTALITY**

**Key Takeaways:**
- An average of 258 deaths reported in CA from 12/16 to 12/23 (1.1% increase)
- LA County accounts for 39.3% of deaths in CA with an average of 86 new deaths reported from 12/16 to 12/23 (1.0% increase)
- The City of LA accounts for 16.1% of deaths in CA with an average of 31 new deaths reported from 12/16 to 12/23 (0.9% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.

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

CA's new deaths/total for 11/24 do not include Los Angeles County.
Key Takeaways:
• As of December 22, there are outbreaks at 505 non-residential locations in Los Angeles with at least three cases for a total of 6,916 confirmed cases
• The largest new outbreaks have identified at the following locations
  - Costco Warehouse in Culver City - 51 confirmed cases
  - Costco Warehouse in Van Nuys - 30 confirmed cases
  - Food Pharma in Santa Fe Springs - 29 confirmed cases
  - Sam’s Club in El Monte - 26 confirmed cases
  - Bakkavor Foods in Carson - 23 confirmed cases

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 1 laboratory-confirmed COVID-19 case at a worksite, or (2) three or more laboratory-confirmed COVID-19 cases or symptomatic persons with at least 1 laboratory-confirmed COVID-19 case at a setting with vulnerable clients
COVID-19 • LOS ANGELES COUNTY

Medical Capacity and Supplies
Key Takeaways:
285 total beds

Since last week, there has been a:
• **10.0% decrease** in available acute care beds. Surge capacity is 11,482*

• **50.0% decrease** in available ICU beds. Surge capacity is 4,067*

• **24.7% decrease** in available ventilators. Surge capacity is 3,199*

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

**Hospital Bed and Equipment Capacity for LA County**
As of December 22 • One-day lag

**Hospitalizinations**

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

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HOSPITALIZATIONS

Hospital Bed and Equipment Capacity for LA County
As of December 22 • One-day lag

HOSPITALIZATIONS

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

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

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Key Takeaways:

- Current mask stock is **465,996**
- The stock of masks **decreased 1.3%** 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.

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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
- 1,676 schools have been approved. In total, this affects
  - 82,145 students
  - 33,346 staff

Charter/private/public breakdown
- 71.7% of the schools with in-person services are public schools
- 16.1% are charter schools
- 12.2% are private schools
Special Need Waivers: TK-2 Schools Granted Opening Waivers
As of December 18, 2020

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

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

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

As of December 18, 297 schools have received waivers:

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

91 Schools are within the City of Los Angeles

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

Flu Vaccines
Key Takeaways:
- At least 14,063 flu vaccines have been performed at City of Los Angeles since 9/22

- This week, flu vaccines will be offered at the following locations:
  
  **Open Mon, Tues, Wed, Sat:**
  Crenshaw Christian Center
  1261 W. 79th St.
  Los Angeles, 90044

  Lincoln Park
  3501 Valley Blvd.
  Los Angeles, 90031

  San Fernando Park
  208 Park Ave
  San Fernando, 91340

Source: City of Los Angeles
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COVID-19 DATA SUMMARY

City Response and Preparedness
KEY TAKEAWAYS

11% of the total 311 calls were COVID-related.

CALL THEMES

- Testing
- Parking complaints
- Rent or financial help
- Questions about orders or violations

Legend:

- 311 - COVID
- 311 - Non-COVID

Source: ITA - 311 Contact Center

Prepared by Mayor’s Innovation Team

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Key Takeaways:
• At least 5,907 visits made as of 12/22*:
  • DSW Visited Locations: 3,300
  • LAPD Visited Applications: 2,548
  • Complaint Applications: 109
  • DWP Checks: 424
  • DWP Shut Offs: 7

Source: City of Los Angeles
*Program on hold from May 29-July 21
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COVID-19 • Los Angeles City Overview

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

Tuesday 12/15, 5:17 PM

Wednesday 12/16, 8:45 AM

Tuesday 12/22 5:16 PM

Wednesday 12/23, 8:45 AM

Source: SigAlert.com
**LOS ANGELES CRIME - 2020 VS. 2019**

13.9% reduction in overall crime (since 3/12/2020)

**LOS ANGELES PART I CRIME - 2020 VS. 2019**

10.9% reduction in Part I Crime (since 3/12/2020)

**LOS ANGELES DV CRIMES - 2020 VS. 2019**

12.1% reduction in reported domestic violence crime* (since 3/12/2020)

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

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**LA Crime Data**

Remains down over 2019 and more so in recent weeks.

**BEHAVIORAL ANALYSIS**

As of December 19, 2020 (four-day lag)

**Source:** LAPD

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Key Takeaways:

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

• Homicides are currently **32.1% higher** in 2020 than in 2019

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

• In 2020, since 4/22, homicides have risen 311.2%

• In 2019, since 4/22, homicides rose by today 211.2%
Key Takeaways:
• Walking direction requests have increased by **11%**
• Driving direction requests have increased by **2%**
• Transit direction requests have decreased by **53%**

Source: Apple COVID-19 Mobility Trends Report
Prepared by Mayor’s Innovation Team
Key Takeaways:

• 36% of residents are staying home
Key Takeaways:

• **7.6K** new claims from 11/29-12/5, 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.

• October unemployment (seasonally-adjusted) is estimated at **12.1%** for LA County. This is lower than September’s numbers (15.5%).

• **1,343,691** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020.

Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5.

Source: California EDD
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
Key Takeaways:
In October 2020:
• 48,994 CalFresh applications (3.6% increase)
• 48,994 Medi-Cal applications (1.1% increase)
• 9,512 General Relief applications (21% increase)
• 8,501 CalWORKs applications (15.1% increase)
• 5,036 IHHS applications (3.3% decrease)
• 171 CAPI applications (11% decrease)
COVID-19 • CITY OF LOS ANGELES

Actions this Month
### ACTIONS THIS MONTH

**City of Los Angeles**

#### 2nd December
Mayor Eric Garcetti announced the creation of the Angeleno Connectivity Trust (ACT), an initiative to help deliver internet access to vulnerable young people — including students experiencing homelessness, those in foster care, and youth with disabilities.

#### 3rd December
Mayor Garcetti announced the Secure Emergency Relief for Vulnerable Employees (SERVE) initiative, a new partnership between the Mayor’s Office and the Mayor’s Fund for Los Angeles, to provide 4,000 local food-service workers with a one-time $800 stipend.

#### 14th December
Mayor Garcetti announced that the City would deploy its five mobile testing teams to locations in the East San Fernando Valley and South L.A., areas where COVID-19 infections nearly doubled in early December. The Mayor’s Office utilizes countywide case data to spot changes in infection trends across 139 neighborhoods in the city and uses these figures to inform deploying mobile testing units and identifying locations of new permanent testing sites.

#### 18th December
Mayor Garcetti announced that the City would deploy its five mobile testing teams to locations in the East San Fernando Valley and South L.A., areas where COVID-19 infections nearly doubled in early December. The Mayor’s Office utilizes countywide case data to spot changes in infection trends across 139 neighborhoods in the city and uses these figures to inform deploying mobile testing units and identifying locations of new permanent testing sites.

#### 21st December
Mayor Garcetti announced the launch of the City of Los Angeles COVID-19 Neighborhood Map, which visualizes trends in cases and deaths across 139 neighborhoods, utilizing the same information deployed by local officials to spot changes in infection rates and target vital testing resources.

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