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COVID-19 Highlights
Headlines of the Week
COVID-19 HEADLINES OF THE WEEK • As of December 16, 2020

Los Angeles Times

‘I feel like healing is coming’: Coronavirus vaccinations begin in historic U.S. campaign

Congressional Leaders Near Deal On Roughly $900 Billion COVID-19 Relief Bill

Source: NPR

Anxiety and depression are following a remarkably similar curve to Covid-19 cases

Survey data shows the mental health strain of the pandemic.

Los Angeles Times

L.A. County has fewer than 100 ICU beds available, and the worst is yet to come, officials say

Modern People Is Highly Protective Against Covid-19, the F.D.A. Finds

Source: New York Times

Los Angeles Times

California shatters single-day COVID-19 death record, with 295

ECONOMY | ECONOMIC DATA

U.S. Shoppers Pull Back Spending at Start of Holiday Season

Retail sales fell 11% in November amid surge in coronavirus infections, new business restrictions

Source: Wall Street Journal
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 rapidly.

• The estimated transmission number (“R”) is 1.20 with an uncertainty of 1.13 to 1.26. This is a marked increase from last week, when the estimate was 1.14. 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 shortages in the number of hospital beds and especially ICU beds over the next 4 weeks. The number of ventilators Los Angeles County may become inadequate as well.

• The model suggests that about 1 in 4 Los Angeles County residents have had COVID-19.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?

The model suggest that about **1.23%** of everyone in Los Angeles County is currently infected and infectious to others (uncertainty of 0.85% to 1.70%).

This suggests about **1 in 80** Los Angeles County residents are currently infectious to others (uncertainty between 1 in 120 and 1 in 60). Last week this estimate was 1 in 140.

Source: Los Angeles County Department of Health Services, COVID Tracking Project
Example Graphic: Daily Admissions

1. Original time scale from beginning of epidemic to present, showing up to 1000 admissions per day
2. Expanded time scale to focus on more recent changes in the epidemic
3. New format: Larger vertical scale to show cases or predictions of up to 1500 admission per day
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: From Last Week (Old Scale)
As of December 7, 2020

Start date: March 1
Scale 0 to 1000/day

Where we are today

Effect of Physical Distancing

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
Hospital New Patient Projections - Scale 0 to 1,500/day
As of December 14, 2020

Start date July 1
Scale 0 to 1500/day

Where we are today

Top of Prior Graphs (1000/day)

Uncertainty with no change in transmission behavior

Additional uncertainty if transmission behavior varies
Predictions of Demand in LA County | Hospital Beds - Scale 0 to 5,000
As of December 14, 2020

Bed Capacity for COVID-19 Patients

Where we are today

Predicted hospital bed demand is off top of graph

Additional uncertainty if transmission behavior varies

Start date April 1
Scale 0 to 5,000
Predictions of Demand in LA County | Hospital Beds - Scale 0 to 15,000
As of December 14, 2020
Predictions of Demand in LA County | ICU Beds - Scale 0 to 2,000
As of December 14, 2020

Start date April 1
Scale 0 to 2,000

Current ICU Bed Capacity for COVID-19 Patients

Where we are today

Uncertainty with no change in transmission behavior

Additional uncertainty if transmission behavior varies
Predictions of Demand in LA County | ICU Beds - Scale 0 to 4,000
As of December 14, 2020

Start date July 1
Scale 0 to 4,000

Where we are today

Current ICU Bed Capacity for COVID-19 Patients

Uncertainty with no change in transmission behavior

Additional uncertainty if transmission behavior varies

Source: Los Angeles County Department of Health Services
Predictions of Daily Mortality LA County - Scale 0 to 300/day
As of December 14, 2020

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

Daily New COVID-19 Hospitalizations - Scale 0 to 15
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

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

Maintained at Current Levels

½ way between Pre-order and Current Levels

Increases to Pre-order Levels

50% (uncertainty 41% to 58%)

66% (uncertainty 62% to 71%)

77% (uncertainty 74% to 81%)

... of LA County residents will have been infected by March 31, 2021 *

*(This includes adults and children)
What about Influenza?
As of December 14, 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.
Hospital Admissions are a Decreasing Fraction of New Cases
As of December 14, 2020
COVID-19 restrictions: Regional Stay Home Order
(Southern California Order in Effect as of Dec 6, 2020, 11:59 PM)

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.

**Statewide Metrics**

- **63.9** New COVID-19 Positive Cases Per Day Per 100k Residents
- **11.3%** 7-Day Positivity Rate
- **4.1%** ICU Availability

**ICU Availabilities as of 12/16/20**

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>28.1%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>12.9%</td>
<td>5 out of 11 Counties Opted In</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>14.1%</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>0.5%</td>
<td>Threshold met</td>
</tr>
</tbody>
</table>

**Current Regional Stay Home Order Status**

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

**Source:** [COVID19.CA.GOV](https://www.California.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: 11/29/20 - 12/5/20

**New COVID-19 positive cases per 100K**

- **12/15**
  - Rate: 84.4
  - % Diff vs Last Metrics: +101.9%
  - Reporting Date: 12/8
  - Last Metrics: 41.8

**Adjusted case rate for tier assignment**

- **12/15**
  - Rate: 42.2
  - % Diff vs Last Metrics: +56.9%
  - Reporting Date: 12/8
  - Last Metrics: 26.9

**Positivity Rate**

- **12/15**
  - Rate: 11.4%
  - % Diff vs Last Metrics: +2.7%
  - Reporting Date: 12/8
  - Last Metrics: 8.7%

**Health Equity Metric** (starting 10/6)*

- **12/15**
  - Rate: 17.0%
  - % Diff vs Last Metrics: +3.1%
  - Reporting Date: 12/8
  - Last Metrics: 13.9%

### County risk level

- **WIDESPREAD**
  - Many non-essential indoor business operations are closed
- **SUBSTANTIAL**
  - Some non-essential indoor business operations are closed
  - Daily new cases (per 100k)
- **MODERATE**
  - Some indoor business operations are open with modifications
  - Daily new cases (per 100k)
- **MINIMAL**
  - Most indoor business operations are open with modifications
  - Daily new cases (per 100k)

### Positive tests

- **More than 7**
- **More than 8%**
- **5 - 8%**
- **2 - 4.9%**

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team

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## Key Metrics

### As of December 16, 2020, 1 PM

**METRICS**

<table>
<thead>
<tr>
<th>New Cases (7-day avg.)</th>
<th>13,114 (7-day avg)</th>
<th>+47.9%</th>
<th>+1157.4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Deaths (7-day avg.)</td>
<td>71 (7-day avg)</td>
<td>+46.9%</td>
<td>+39.8%</td>
</tr>
<tr>
<td>COVID 7-Day Positive Test Rate (as of one week ago)</td>
<td>13.3% (overall)</td>
<td>+1.6%</td>
<td>+1.7%</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)*</td>
<td>488 (7-day avg)</td>
<td>+40%</td>
<td>+213.9%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)*</td>
<td>329 (7-day avg)</td>
<td>-27.7%</td>
<td>-70.5%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)*</td>
<td>68 (7-day avg)</td>
<td>-29.7%</td>
<td>-72%</td>
</tr>
<tr>
<td>LA City Crime (7-day avg) baseline = 2019 YTD</td>
<td>436 daily crimes as of 12/12/2020</td>
<td>-5.9%</td>
<td>-25.3%</td>
</tr>
<tr>
<td>LA City Unemployment Ins. Claims (includes PUA) baseline = equivalent 2019 week</td>
<td>5,201 as of 11/28/2020</td>
<td>-9.3%</td>
<td>+188%</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, and LA City Unemployment Insurance Claims (vs baseline)

The following metrics have seen **desirable** movement over the past seven days: LA City Crime and LA City Unemployment Insurance Claims (vs last week)

*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 12/15/20

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

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

United States Update
**COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)**
As of December 16, 2020, 3:00 PM

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

1. **#1: 1,671.1K cases in California (+53.7K) - 4224 per 100K**
   - 21.5K deaths in California (+293) - 54.3 per 100K

2. **#2: 1,519.3K cases in Texas (+18.8K) - 5293 per 100K**
   - 24.4K deaths in Texas (+252) - 85.0 per 100K

3. **#3: 1,136.0K cases in Florida (+11.3K) - 5333 per 100K**
   - 20.5K deaths in Florida (+125) - 96.2 per 100K

4. **#4: 870.6K cases in Illinois (+7.1K) - 6833 per 100K**
   - 15.8K deaths in Illinois (+190) - 123.8 per 100K

5. **#5: 804.6K cases in New York State (+10.0K) - 4117 per 100K**
   - 28.1K deaths in New York State (+98) - 143.8 per 100K

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

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

Source: COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)
As of December 16, 2020, 3:00 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: 1,671.1K cases in California (+53.7K) - 4224 per 100K
21.5K deaths in California (+293) - 54.3 per 100K

#2: 1,519.3K cases in Texas (+18.8K) - 5293 per 100K
24.4K deaths in Texas (+252) - 85.0 per 100K

#3: 484.3K cases in Tennessee (+11.4K) - 7153 per 100K
5.7K deaths in Tennessee (+53) - 83.7 per 100K

#4: 1,136.0K cases in Florida (+11.3K) - 5333 per 100K
20.5K deaths in Florida (+125) - 96.2 per 100K

#5: 519.4K cases in Pennsylvania (+10.0K) - 4055 per 100K
13.2K deaths in Pennsylvania (+278) - 102.8 per 100K

Rounding out the top ten are: New York State, Illinois, Indiana, Massachusetts, New Jersey

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

#3 in Deaths
#40 in Deaths per 100K

Source: COVID Tracking Project

Legend for map

New cases per day in the United States
Top 5 per capita (per 100K) cases by County:

**Potter, Texas (Amarillo): 12,277 cases** per 100K
(14,415 total cases)

**Minnehaha, South Dakota (Sioux Falls): 12,048 cases** per 100K
(23,269 total cases)

**Lubbock, Texas: 11,892 cases** per 100K
(36,933 total cases)

**Woodbury, Iowa (Sioux City): 11,161 cases** per 100K
(11,508 total cases)

**El Paso, Texas: 11,136 cases** per 100K
(93,455 total cases)

**Los Angeles, California: 5,416 cases** per 100K
(543,769 total cases)

*Los Angeles County ranks #208 out of 584 counties with 100K+*
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York: 356.9 deaths** per 100K
(5,062 total deaths)

**Queens, New York: 329.2 deaths** per 100K
(7,419 total deaths)

**Kings, New York: 295.9 deaths** per 100K
(7,575 total deaths)

**Essex, New Jersey (NYC Metro Area): 288.1 deaths** per 100K
(2,302 total deaths)

**Passaic, New Jersey (NYC Metro Area): 274.6 deaths** per 100K
(1,378 total deaths)

**Los Angeles, California: 84.0 deaths** per 100K
(8,431 total deaths)

*Los Angeles County ranks #236 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 13,114 new cases

The past seven days have seen an average daily increase of 71 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
KEY TAKEAWAYS

• LA County accounts for 33.9% of cases in CA with an average of 13,114 new cases reported from 12/9 to 12/16 (2.8% 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

**DAILY MORTALITY IN LA COUNTY**

**KEY TAKEAWAYS**

- LA County accounts for **39.9%** of deaths in CA with an average of **71** new deaths reported from 12/9 to 12/16 (**0.9%** 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.

**LOS ANGELES**

<table>
<thead>
<tr>
<th></th>
<th>1.6%</th>
<th>138</th>
<th>8,568</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

**CALIFORNIA**

<table>
<thead>
<tr>
<th></th>
<th>293</th>
<th>21,481</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

**UNITED STATES**

<table>
<thead>
<tr>
<th></th>
<th>3,677</th>
<th>305.7K</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

**GLOBAL**

<table>
<thead>
<tr>
<th></th>
<th>13,915</th>
<th>1.6M</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

All metrics last updated at 1 PM, December 16, 2020

Prepared by Mayor's Innovation Team
KEY TAKEAWAYS

- At least 2,885,727 tests have been performed at City of Los Angeles since 3/20
- On average, 32,650 tests were performed each day from 12/9 to 12/15
- 227,847 of the 2,812,573 tests for which results were received were positive (8.2%)

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

#### TESTS COMPLETED
- City Tests: Since last report
- City Tests: Since 3/20

#### AVAILABILITY
- Total City Sites: Available Today
- Avail. City Testing Capacity Today

#### POSITIVITY RATE
- Cumulative City - Tests
- Cumulative County - Tests
- Cumulative County - People
- County’s 7-day Rate For Tests (1 week lag)
- City's 7-day Rate For Tests (2 day lag)

### KEY TAKEAWAYS
- LA County has tested a total of at least 4,226,030 people and a total of 9,227,557 specimens (tests)

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

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

Source: City of Los Angeles

City positive rate as of December 14/15, 2020
County metrics as of December 9, 2020

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*
At least 32,615 people have been hospitalized since 3/18

Currently Hospitalized: +4.5%
Increase in ICU: +0.3%

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.
Cases by Demographics*

11% 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

• Data is incomplete with 32.2% 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*

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

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

KEY TAKEAWAYS

• Data is incomplete with 0.3% of deaths still under investigation
• 7713 out of 8298 deaths (93.0%) 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 35,789 Cases reported in CA from 12/9 to 12/16 (2.2% increase)

- LA County accounts for 33.9% of cases in CA with an average of 13,114 new cases reported from 12/9 to 12/16 (2.8% increase)

- The City of LA accounts for 13.8% of cases in CA with an average of 5,316 new cases reported from 12/9 to 12/16 (2.8% increase)
Key Takeaways:

• An average of 177 Deaths reported in CA from 12/9 to 12/16 (0.8% increase)

• LA County accounts for 39.9% of deaths in CA with an average of 71 new deaths reported from 12/9 to 12/16 (0.9% increase)

• The City of LA accounts for 16.5% of deaths in CA with an average of 24 new deaths reported from 12/9 to 12/16 (0.7% 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.

Prepared by Mayor's Innovation Team

CA's new deaths/total for 11/24 do not include Los Angeles County
Key Takeaways:
- As of December 15, there are outbreaks at 477 non-residential locations in Los Angeles with at least three cases for a total of 5,317 confirmed cases.
- The largest new outbreaks have been identified at the following locations:
  - 99 Cents Only Stores Warehouse and Corporate Office in Commerce - 65 confirmed cases
  - RTC Aerospace in Chatsworth - 31 confirmed cases
  - Revolve in Cerritos - 28 confirmed cases
  - Pankow Construction in West Hollywood - 23 confirmed cases
  - Abbott Laboratories in Sylmar - 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:
364 total beds

Since last week, there has been a:
- \textbf{6.6\% decrease} in available acute care beds. Surge capacity is 11,482*
- \textbf{4.2\% decrease} in available ICU beds. Surge capacity is 4,067*
- \textbf{13.6\% 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

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 December 15 • 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

Prepared by Mayor’s Innovation Team
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Key Takeaways:

• Current mask stock is **472,046**

• The stock of masks **decreased 1.2%** from last week

• The projected 3-month need is **660,765**

• The projected 6-month need is **1,387,607**

Source: Los Angeles EOC

* Includes LAFD, LAPD, RAP/Shelter Staff, Harbor, Personnel, GSD, Street Services, GSD, LAWA, ITA, DOT, Aging.

** The burn rate for LAFD decreased due to revised standards for reuse. LAPD burn rate = 1000/day; LAFD = 1500/day; LAWA=1875/day.

*** The six-month need is more than double the three-month need because departments estimate that their burn rate may increase with time.

Prepared by Mayor’s Innovation Team
Beginning September 14, 2020, K-12 schools in Los Angeles County were allowed a limited number of high-need students to return to campus for specialized support and services.

On October 27, 2020, the threshold was updated to modify the proportion of students who may receive specialized services on campus at any one time. All schools may have up to 25% of full student capacity on campus at one time. Following are the key numbers of schools and services, currently available.

For specialized in-person services
- 1,673 schools have been approved. In total, this affects
  - 81,848 students
  - 33,176 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

Prepared by Mayor’s Innovation Team
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Source: INSTRUCTIONS FOR COMPLETING K-12 SPECIALIZED SERVICES NOTIFICATION FORM; Reopening Protocols for K-12 Schools: Appendix T1; MAP: Services Notification Form Submissions
Each week, Los Angeles County will grant waivers for up to 50 schools to conduct limited specialized services and assessments for high need students.

- 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 4, 286 schools have received waivers.

- 58% of schools are Private/Independent/Faith-Based.
- 39.9% are Public.
- 2.1% of Charter.

85 Schools are within the City of Los Angeles.
COVID-19 DATA SUMMARY

Flu Vaccines
Key Takeaways:
• **At least 11,858 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 - Sat:**
  Crenshaw Christian Center
  1261 W. 79th St.
  Los Angeles, 90044

  **Open Tues - Sat:**
  208 Park Ave
  San Fernando, 91340

  **Open Wed:**
  Hansen Dam Recreational Center
  11798 Foothill Blvd.
  Lake View Terrace, 91342

  1950 W Slauson Ave.
  Los Angeles, 90047

  **Open Thurs & Fri:**
  Lincoln Park
  3501 Valley Blvd.
  Los Angeles, 90031

  **Open Sat:**
  11251 Compton Ave.
  Los Angeles, 90059

Source: City of Los Angeles

Prepared by Mayor’s Innovation Team

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COVID-19 DATA SUMMARY

City Response and Preparedness
Key Takeaways:
- At least 5,885 visits made as of 12/15:
  - DSW Visited Locations: 3,283
  - LAPD Visited Applications: 2,546
  - Complaint Applications: 107
  - DWP Checks: 415
  - DWP Shut Offs: 7

Source: City of Los Angeles
*Program on hold from May 29-July 21
### Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>Category</th>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID Related Calls</td>
<td>298</td>
<td>11%</td>
</tr>
<tr>
<td>Non-COVID Related Calls</td>
<td>3,542</td>
<td>89%</td>
</tr>
<tr>
<td>All 311/Hotline Calls Since 3/26</td>
<td>695.4K</td>
<td>80%</td>
</tr>
<tr>
<td>Total COVID Calls - Since 3/26</td>
<td>41.8K</td>
<td>90%</td>
</tr>
<tr>
<td>Total Calls for Angeleno Card</td>
<td>30,455</td>
<td>92%</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**

8% 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
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 12/8, 5:16 PM

Wednesday 12/9, 8:56 AM

Tuesday 12/15 5:17 PM

Wednesday 12/16, 8:45 AM

Source: SigAlert.com
13.7% reduction in overall crime (since 3/12/2020)

11.9% reduction in reported domestic violence crime* (since 3/12/2020)

10.5% reduction in Part I Crime (since 3/12/2020)

Los Angeles Part I Crime - 2020 vs. 2019

Los Angeles Crime - 2020 vs. 2019

Los Angeles DV Crimes - 2020 vs. 2019

Behavioral Analysis

As of December 12, 2020 (four-day lag)

Los Angeles Crime Data

Remains down over 2019 and more so in recent weeks.

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

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Key Takeaways:

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

- Los Angeles has now surpassed 300 homicides for the first time since 2009.

- Homicides are currently *30.2% 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 298.8%.
  In 2019, since 4/22, homicides rose by today 206.2%.

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

- Walking direction requests have decreased by 2%.
- Driving direction requests have decreased by 12%.
- Transit direction requests have decreased by 57%.

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

Summary of Safegraph Mobility Data
As of December 13, 2020 • Three-day lag

Source: Safegraph
Key Takeaways:
• 5.2K new claims from 11/22-11/28, 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

Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5
Key Takeaways:
- September unemployment (seasonally-adjusted) is estimated at **12.3%** for LA County. This is lower than September's numbers (15.5%)
- **1,336,119** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020

**Cumulative Insurance Claims for the City of Los Angeles**
As of November 28, 2020
14.6% decrease compared to last year
• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631
Key Takeaways:
In September 2020:
• 47,272 CalFresh applications (17% decrease from August)
• 29,412 Medi-Cal applications (8.5% decrease from August)
• 7,889 General Relief applications (10% decrease from August)
• 7,386 CalWORKs applications (9.4% decrease from August)
• 5,208 CAPI applications (9% increase from August)
• 192 CAPI applications (14% increase from August)
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.

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**All City Actions to-date can be found in this spreadsheet.**
End of Report
December 16, 2020