Eric Garcetti
@MayorOfLA

DAILY LOS ANGELES
COVID-19 Data Summary

Wednesday August 12, 2020
Response Day 153

Prepared by
City of Los Angeles, Mayor Garcetti's Innovation Team

INDEX

- New Headlines
- County Projections
- Data Snapshot
- United States Update
- LA County Update
- New & Total Cases - City + County + State
- New & Total Deaths - City + County + State
- Testing
- Hospitalizations
- Mayor’s Office Initiatives
- Behavior Analysis
- Economic Analysis
- Actions to Date

COVID-19 Highlights

News Snapshot

COVID-19 HEADLINES OF THE WEEK • As of August 12, 2020

Source: KNBC, Changing America, CNN Health, New York Times, The Hill, Los Angeles Times, The Washington Post

Los Angeles Times

Los Angeles County tops 5,000 coronavirus deaths

586,705 confirmed

10,656 deaths

DECISION 2020 LOCAL U.S. & WORLD WEATHER ENTERTAINMENT SPORTS

COVID-19

LA County Crosses 'Tragic Milestone' Of 5,000 Coronavirus Deaths

By City News Service • Published 4 hours ago • Updated 21 mins ago

The Coronavirus Outbreak › LIVE Latest Updates Maps and Cases Vaccine Tracker Russia Approves Vaccine Markets & Economy

'A Smoking Gun': Infectious Coronavirus Retrieved From Hospital Air

Airborne virus plays a significant role in community transmission, many experts believe. A new study fills in the missing piece: Floating virus can infect cells.

Doctors in Johannesburg demonstrated how to place a device called an intubox over a patient, to help curb the spread of viral droplets during intubation. Michele Spatari/Agence France-Presse — Getty Images

'This Is All Beyond Stupid.' Experts Worry About Russia's Rushed Vaccine

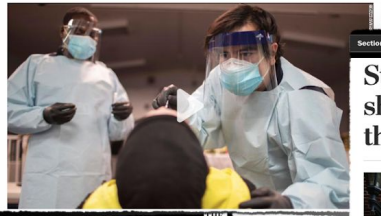
Vaccines are among the safest medical products in the world — but only because of the intense rigor of the clinical trials that test their safety and effectiveness.

CNN health Food Fitness Wellness Parenting Vital Signs LIVE TV

US tops 5 million Covid-19 cases, with five states making up more than 40% of tally

By Christina Maxouris and Elliott C. McLaughlin, CNN

Updated 7:30 PM ET, Sun August 9, 2020



More from CNN

Sections The Washington Post Democracy Dies in Darkness Get 1 year for $29 Gift Subscriptions

Study: Coronavirus cases in children rise sharply in the second half of July, with more than 97,000 infections

Changing America

Shared Destiny. Shared Responsibility.

Respect Sustainability Resilience Enrichment Well-Being Opinion Who We Are

Well-Being › Longevity

Confirmed cases of coronavirus in U.S. children spiked by 90 percent in four weeks, bringing total to more than 380,000

Between July 9 and Aug. 6, 179,990 coronavirus cases in children were recorded.

The Coronavirus Outbreak › LIVE Latest Updates Maps and Cases Vaccine Tracker Russia Approves Vaccine Markets & Economy

Russia Approves Coronavirus Vaccine Before Completing Tests

The country became the first in the world to approve a possible vaccine against the virus, despite warnings from the global authorities against cutting corners.

The Coronavirus Outbreak › LIVE Latest Updates Maps and Cases Vaccine Tracker Russia Approves Vaccine Markets & Economy

925 Quarantined for Covid. Is This a Successful School Reopening?

A suburban Atlanta county opened its schools amid controversy and a growing case count, previewing a difficult national back-to-school season.

COVID-19 DATA SUMMARY

County Projections

Projections of Hospital-based Healthcare Demand due to COVID-19

This update includes data on hospital visits and volume through August 10, 2020.

KEY TAKEAWAYS:

• The number of new patients with COVID-19 requiring hospitalization each day across Los Angeles County now appears to be decreasing. The number of daily new cases is similar to the lower numbers seen in May.

• The transmission number ("R") is now estimated to be 0.86 with an uncertainty of 0.79 to 0.93. Last week the estimate was 0.91 with an uncertainty of 0.83 to 0.99.

• Based on the current estimate for R, the current number of available hospital beds, currently staffed ICU beds, and available ventilators in Los Angeles County are likely adequate over the next 4 weeks.

HOW MANY IN LOS ANGELES ARE INFECTIOUS TO OTHERS?

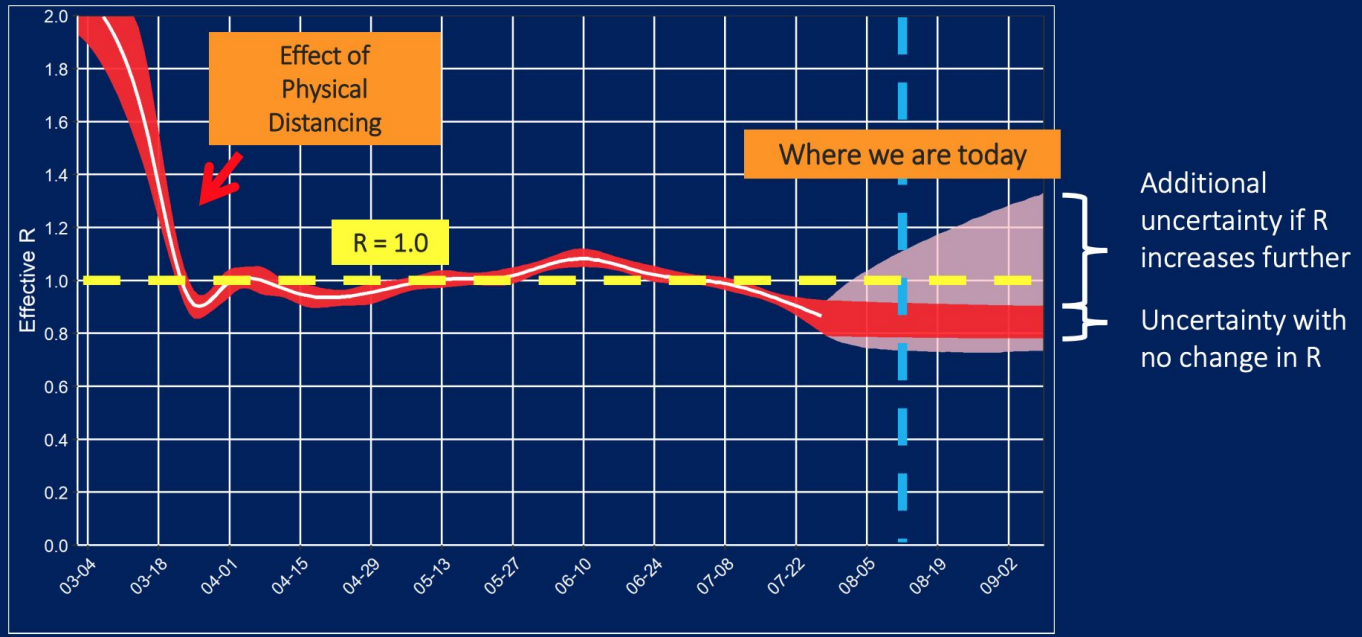
The model suggest that about 0.14% (uncertainty of 0.08% to 0.23%) of everyone in Los Angeles County is currently infected and infectious to others. This suggests about 1 in 725 (between 1 in 1200 and 1 in 435) Los Angeles County residents are currently infectious to others. Last week this estimate was 1 in 510.

The projection for future ICU bed utilization is a 10% decrease from what would have been expected early in the epidemic with the same number of hospital admissions

• The projection for future ventilator utilization is a 25% decrease from what would have been expected early in the epidemic with the same number of hospital admissions

Effective Transmission Number "R"

As of August 10, 2020



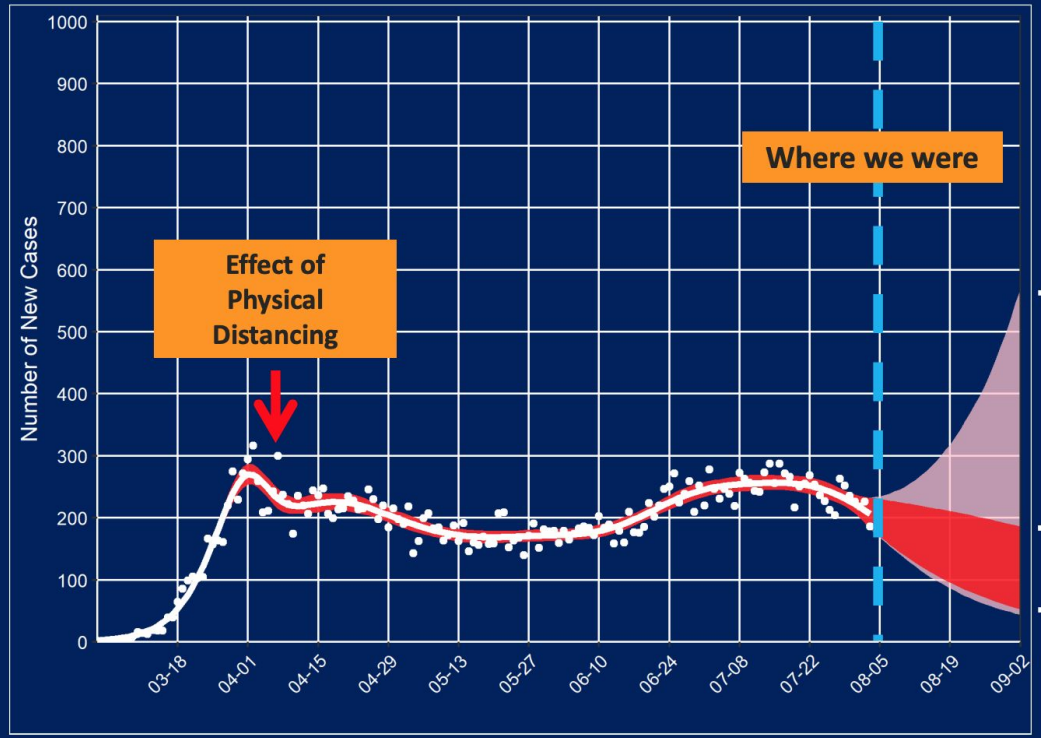
Note: We have adjusted the R that we present to account for the fraction of the population that is presumed to be immune to reinfection. At the beginning of the pandemic, this fraction was essential zero so this would not have made any difference. But as more people have been infected, and are presumed to have immunity, we are presenting an R that includes this factor.

Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

Hospital New Patient Projections: From Last Week

As of August 3, 2020

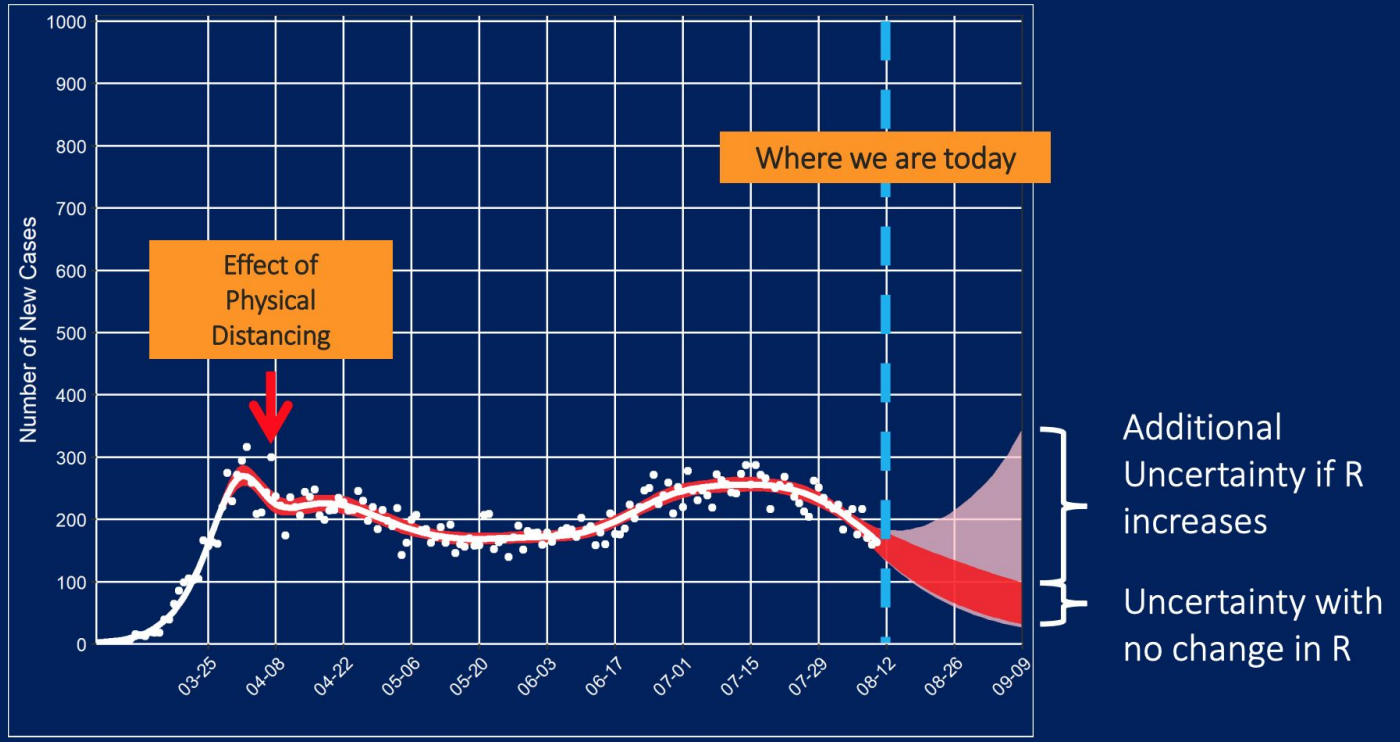


Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

Hospital New Patient Projections

As of August 10, 2020

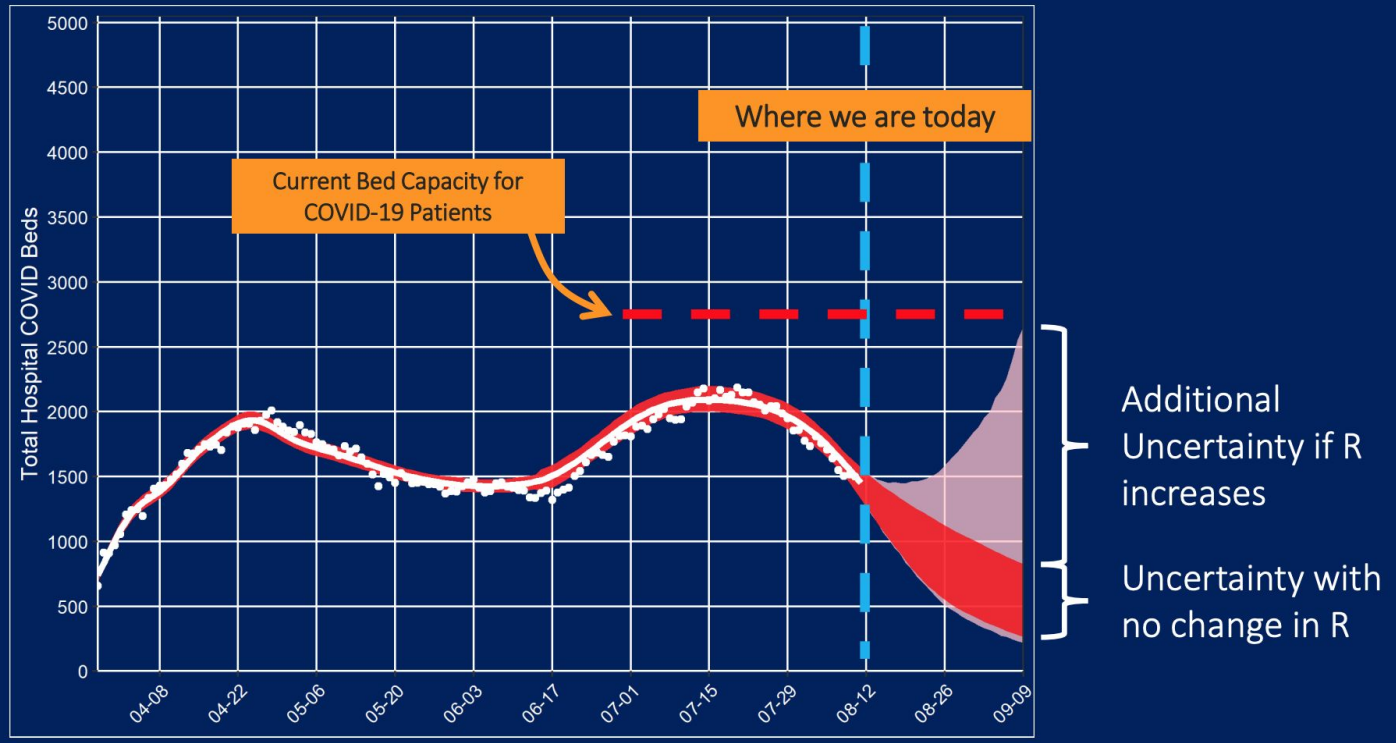


Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

Predictions of Demand in LA County | Hospital Beds

As of August 10, 2020

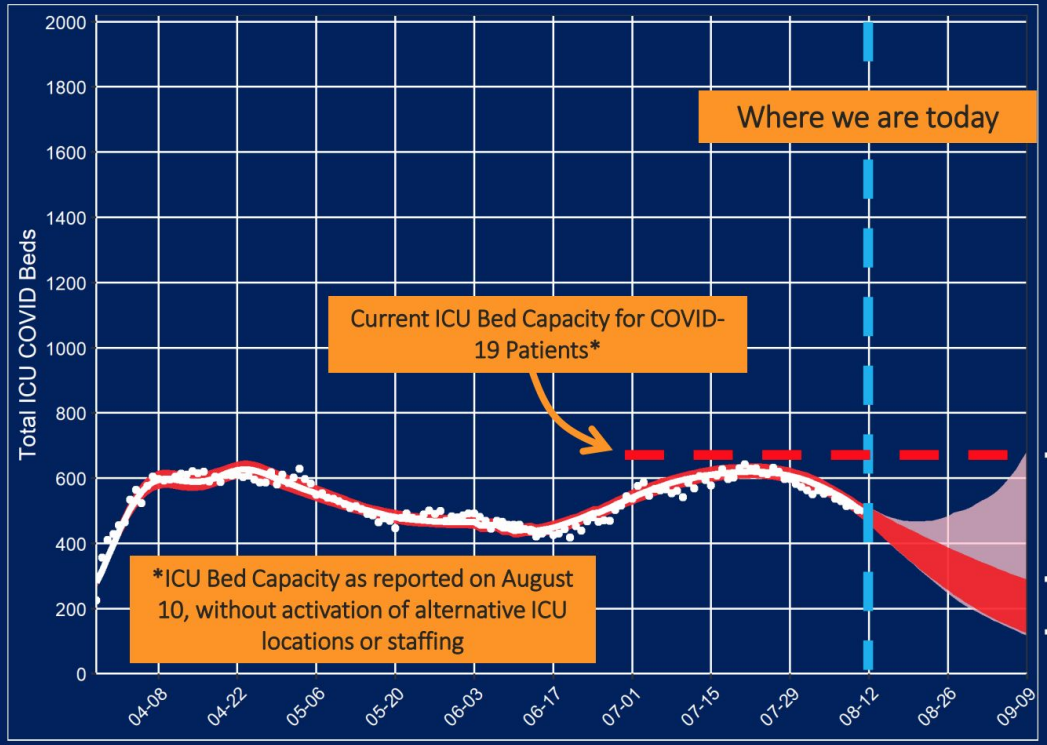


Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

Predictions of Demand in LA County | ICU Beds

As of August 10, 2020

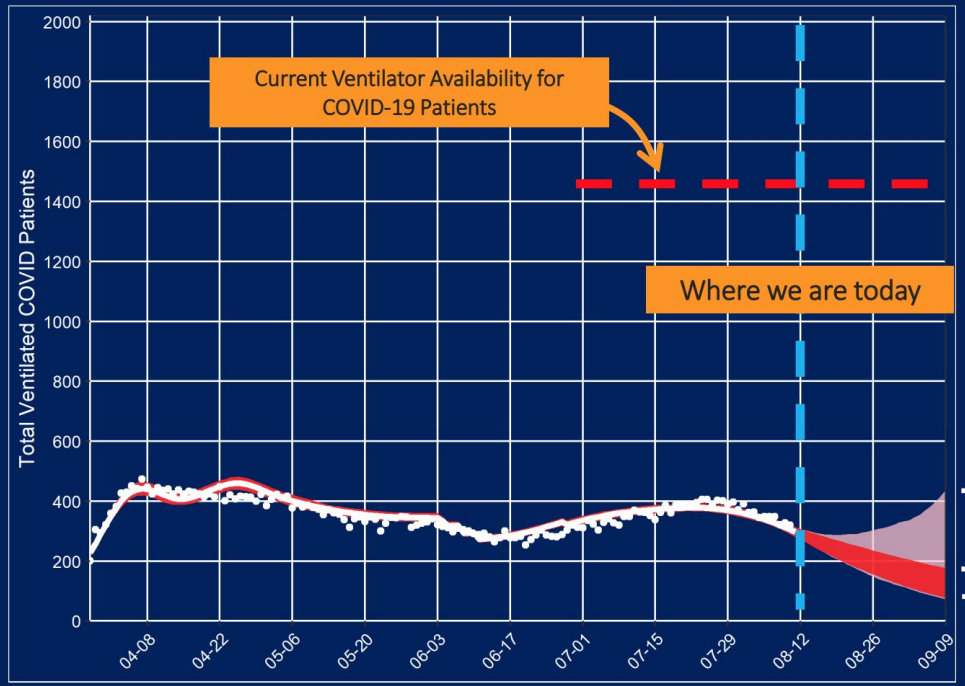


Source: Los Angeles County Department of Health

Prepared by Mayor's Innovation Team

Predictions of Demand in LA County | Ventilators

As of August 10, 2020



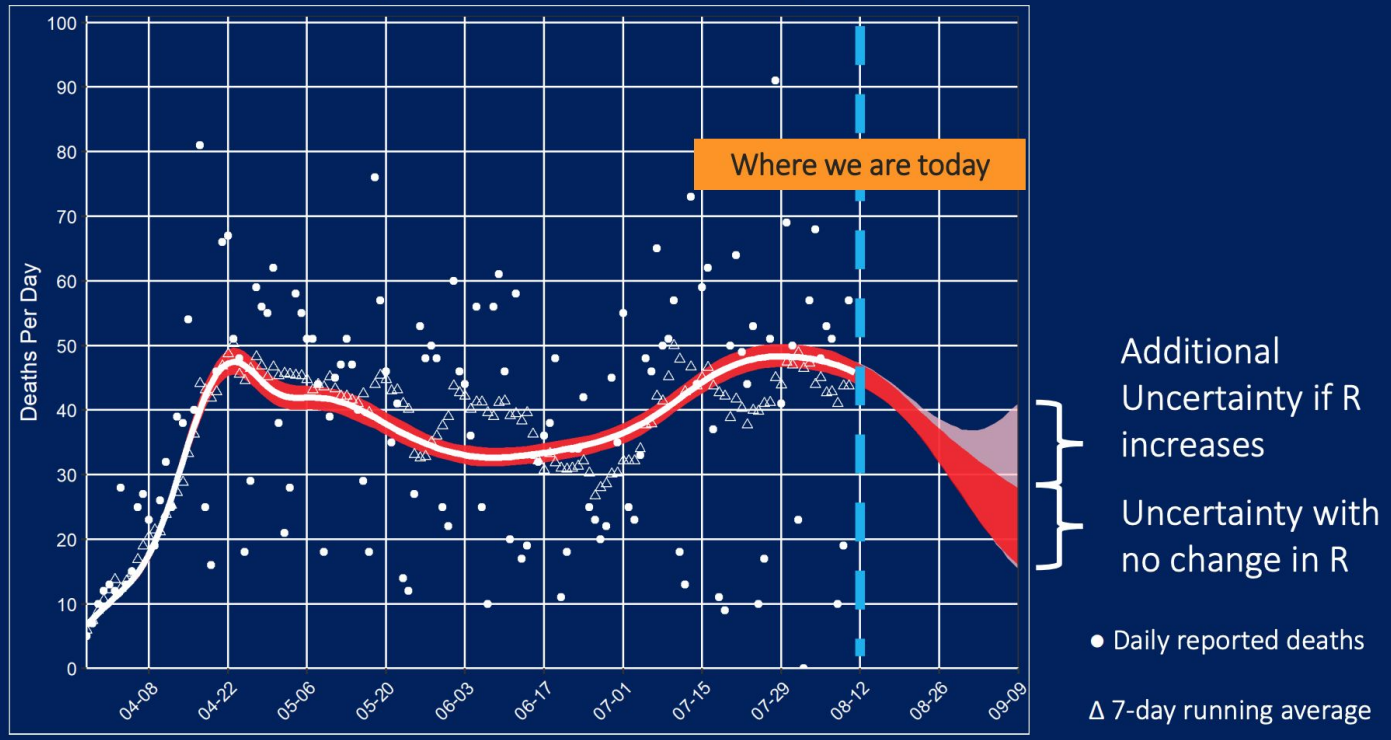
Additional Uncertainty if R increases

Uncertainty with no change in R

Source: Los Angeles County Department of Health

Predictions of Daily Mortality LA County

As of August 12, 2020

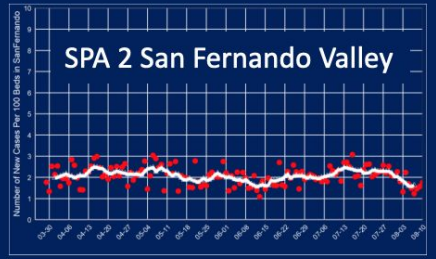


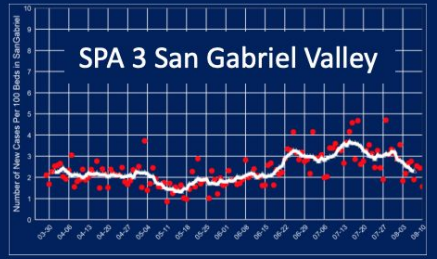
Source: Los Angeles County Department of Health

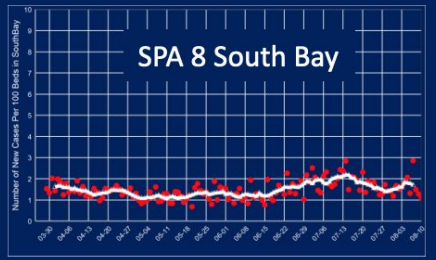
Prepared by Mayor's Innovation Team

Daily New COVID-19 Hospitalizations

By Service Planning Areas (SPAs), per 100 Hospital Beds







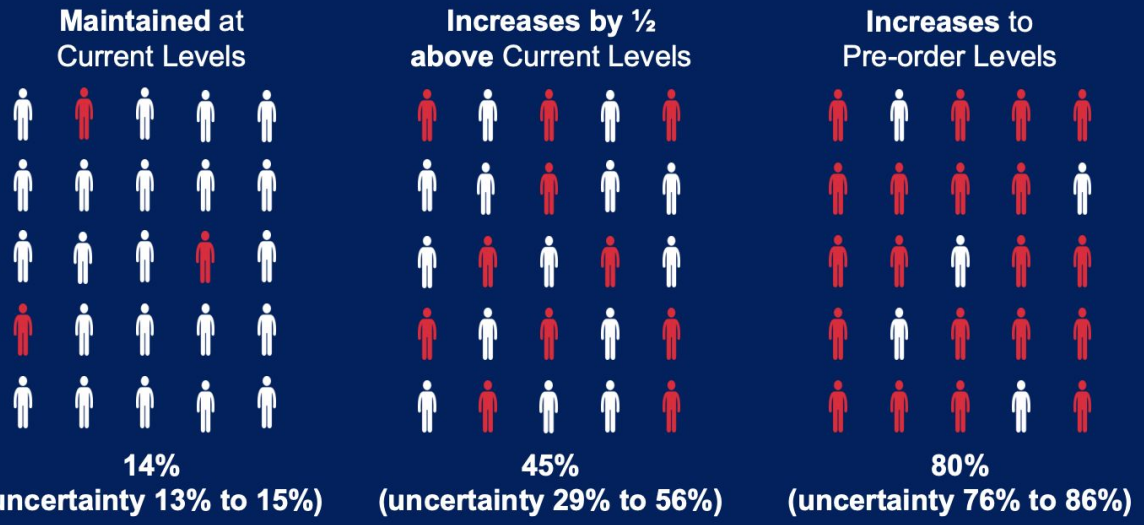
Source: Los Angeles County Department of Health

- 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

Effect of Behaviors to Control Transmission

As of August 10, 2020

If transmission….



… of LA County residents will have been infected by December 1, 2020 *

(This includes adults and children)

Source: Los Angeles County Department of Health

COVID-19 DATA SUMMARY

Data Snapshot

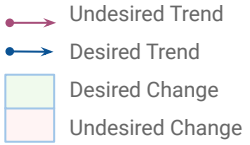
LOS ANGELES COUNTY KEY METRICS

Key Takeaways:
The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases, Acute Care Bed Capacity** (vs baseline)**, ICU Capacity,** and **Unemployment Insurance** (vs baseline)

The following metrics have seen **desirable** movement over the past seven days: **New Deaths, COVID+ Positive Test Rate** (vs baseline), **New Hospitalizations, Acute Care Bed Capacity** (vs last week), **Unemployment Insurance** (vs last week), and **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 August 10, 2020



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

Prepared by Mayor's Innovation Team

METRICS As of August 12, 2020, 1 PM	TODAY'S AVERAGES	CURRENT TREND VS LAST WEEK	% CHANGE VS LAST WEEK	CURRENT TREND VS BASELINE	% CHANGE VS BASELINE
New Cases (7-day avg.)	2,375 (7-day avg)	↗	+11.3%	↗	+127.7%
New Deaths (7-day avg.)	43 (7-day avg)	↘	-5.6%	↘	-14.7%
COVID Cumulative Positive Test Rate	9.9% (overall)	→	NO CHANGE COVID+ Test Rate is % Difference w/ last week	↘	-4.8% COVID+ Test Rate is % Difference w/ baseline
New Hospitalizations (7-day avg)**	130 (7-day avg)	↘	-25.4%	↘	-9.3%
Acute Care Bed Capacity (7-day avg)	571 (7-day avg)	↗	+12.2%	↘	-48.8%
ICU Bed Capacity (7-day avg)	121 (7-day avg)	↘	-6.5%	↘	-50.3%
LA City Crime (7-day avg) baseline = 2019 YTD	455 daily crimes (7-day avg)	↘	-7.9%	↘	-23.9%
LA City Unemployment Ins. Claims baseline = equivalent 2019 week	33,988 (as of 7/25/2020)	↘	-5.5%	↗	+1530%

LOS ANGELES COUNTY • City Response Highlights • As of August 12, 2020

LOS ANGELES

2,428	58
New Cases	New Deaths
214,197	5,109
Total Cases	Total Deaths

GLOBAL

271,492	6,663
New Cases	New Deaths
20.4M	744.6K
Total Cases	Total Deaths

CALIFORNIA

11,645	180
New Cases	New Deaths
586.1K	10,648
Total Cases	Total Deaths

UNITED STATES

54,779	1,169
New Cases	New Deaths
5.2M	165.3K
Total Cases	Total Deaths

L.A. TESTING UPDATES

13.9K	18.4K	1.1M	7
City Tests (Tests Performed Since Last Report)	Available City Testing Capacity Today	City Tests Since 3/20	Total City Sites Available Today*

BEDS

670	561	109	1,200
Total Beds	Acute Care	ICU Beds	Ventilators

HOTLINE SERVICES

122	3,517	0.6 *mins*
COVID-related 311 calls	Non-COVID related 311 calls	Average wait

COVID RELATED CALL THEMES

- Testing and results
- Order restrictions, violations
- Financial assistance programs
- Parking

BEHAVIORAL MONITORING

Yellow

SIG Alert Traffic Patterns

SHELTERS

48.0%	89.7%	69.1%
4 shelters online as of 8/12	**Tier 1 Housing** - Emergency Hotels/Motels Countywide	**Tier 2 Housing** - Iso. and Quarantine Hotels/Motels Countywide

COVID-19 DATA SUMMARY

United States Update

COVID-19 US Cases - Per Capita State Comparisons

As of August 12, 2020, 3:00 PM

California now has the most cases but in per capita cases, the South is now an epicenter, particularly Florida and Texas. The top five states, based on total cases, include:

#1: **586.1K** cases in **California (+11.6K) - 1481** per 100K
10.6K deaths in **California (+180) - 26.9** per 100K

#2: **550.9K** cases in **Florida (+8.1K) - 2586** per 100K
8.9K deaths in **Florida (+213) - 41.8** per 100K

#3: **506.8K** cases in **Texas (+6.2K) - 1765** per 100K
9.0K deaths in **Texas (+324) - 31.5** per 100K

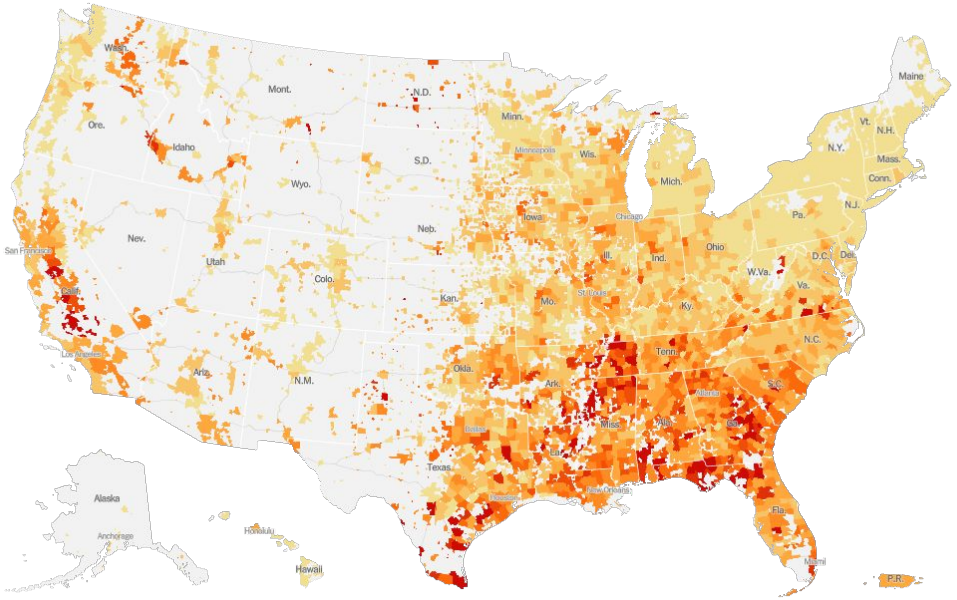
#4: **422.7K** cases in **New York State (+0.7K) - 2163** per 100K
25.2K deaths in **New York State (+7) - 129.0** per 100K

#5: **226.2K** cases in **Georgia (+3.6K) - 2149** per 100K
4.5K deaths in **Georgia (+105) - 42.4** per 100K

Rounding out the top ten are:
Illinois, Arizona, New Jersey, North Carolina, Louisiana

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

#3 in Deaths
#29 in Deaths per 100K



Hot spots in the United States

How the number of new cases has changed in the last two weeks

Falling | About the same | Rising | Few or no cases

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

COVID-19 US Cases - Per Capita County Comparison (Counties >300K ppl)

As of August 11, 2020, 8:00 PM • One day lag

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

Miami-Dade, Florida: 4,974 cases per 100K
(135,130 total cases)

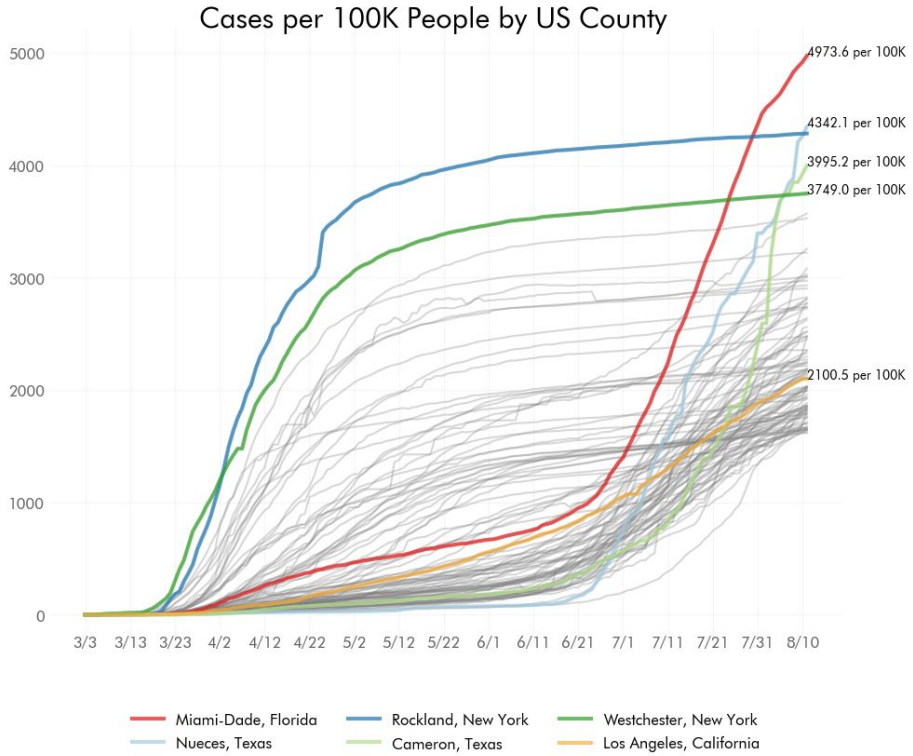
Nueces, Texas: 4,342 cases per 100K
(15,731 total cases)

Rockland, New York (NYC Metro Area): 4,283 cases per 100K
(13,954 total cases)

Cameron, Texas: 3,995 cases per 100K
(16,906 total cases)

Westchester, New York (NYC Metro Area): 3,749 cases
per 100K (36,272 total cases)

Los Angeles, California: 2,100 cases per 100K
(210,874 total cases)
Los Angeles County ranks #53 out of 229 counties with 300K+



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 >300K ppl)

As of August 11, 2020, 8:00 PM • One day lag

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

New York City, New York: 283.0 deaths per 100K
(23,592 total deaths)

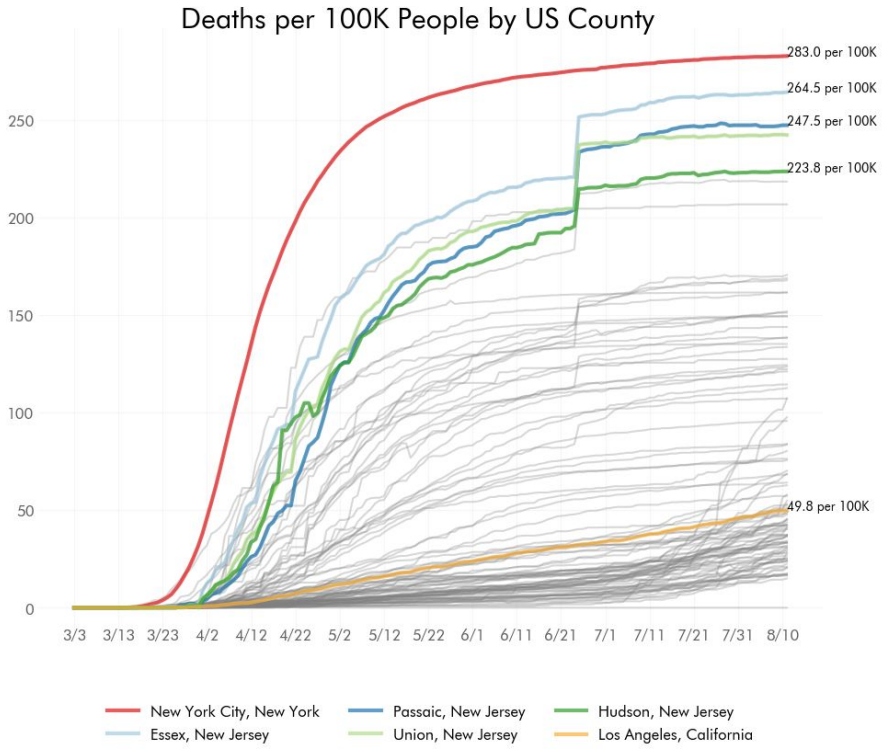
Essex, New Jersey (NYC Metro Area): 264.5 deaths per 100K
(2,113 total deaths)

Passaic, New Jersey (NYC Metro Area): 247.5 deaths per 100K
(1,242 total deaths)

Union, New Jersey (NYC Metro Area): 242.5 deaths per 100K
(1,349 total deaths)

Hudson, New Jersey (NYC Metro Area): 223.8 deaths per 100K
(1,505 total deaths)

Los Angeles, California: 49.8 deaths per 100K
(4,999 total deaths)
Los Angeles County ranks #78 out of 229 counties with 300K+



Source: Los Angeles County Department of Health, Johns Hopkins University

Prepared by Mayor's Innovation Team

COVID-19 DATA SUMMARY

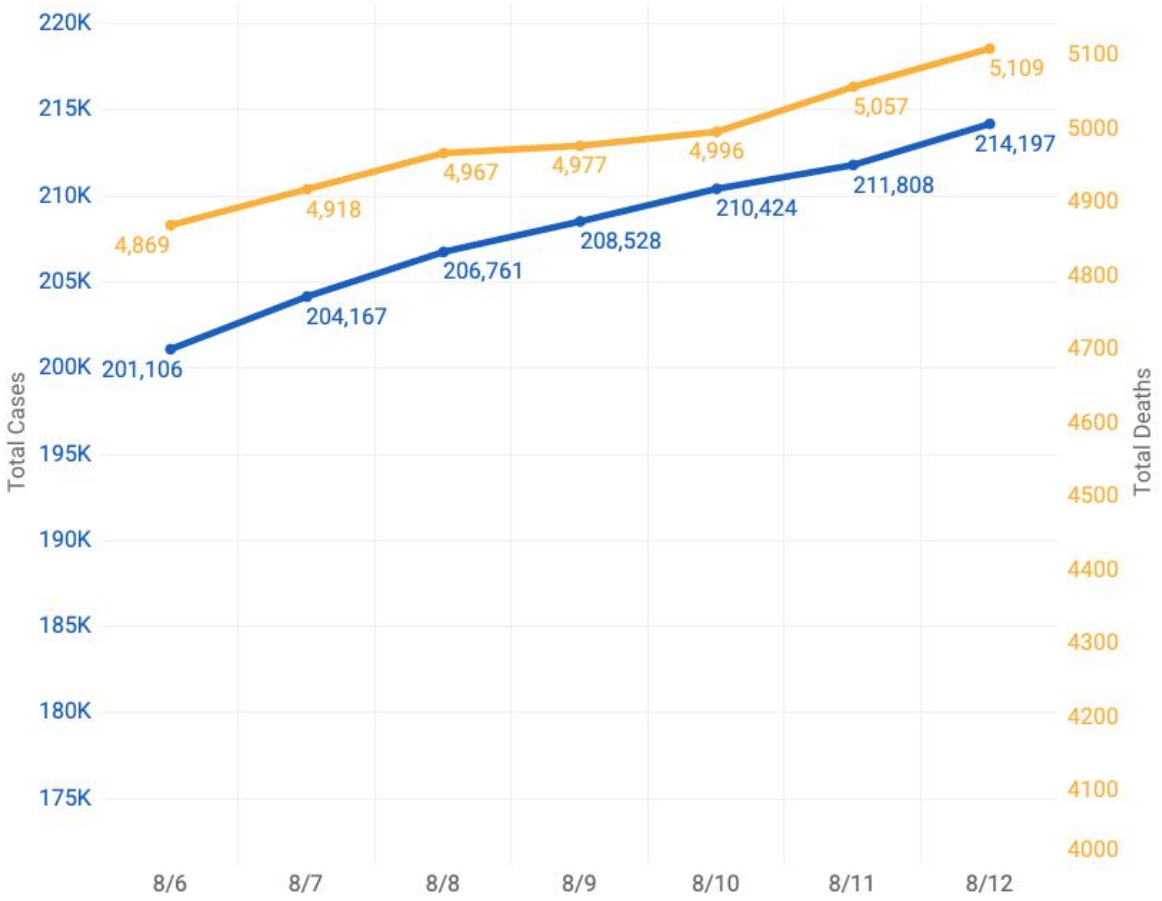
LA County Update

COVID-19 Los Angeles County Total Cases and Total Deaths, Past 7 Days

As of August 12, 2020, Noon

Key Takeaways:
Los Angeles County currently has a 2.4% mortality rate. The estimated infection rate is 0.86 (*ideal is <1.0)*

New cases numbers since 7/23 are affected by data backlogs from certain labs, which can cause under-reporting on certain days, followed by over-reporting once results are received



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

Prepared by Mayor's Innovation Team

COVID-19 Los Angeles County Total Cases and Total Deaths, 7-Day Average

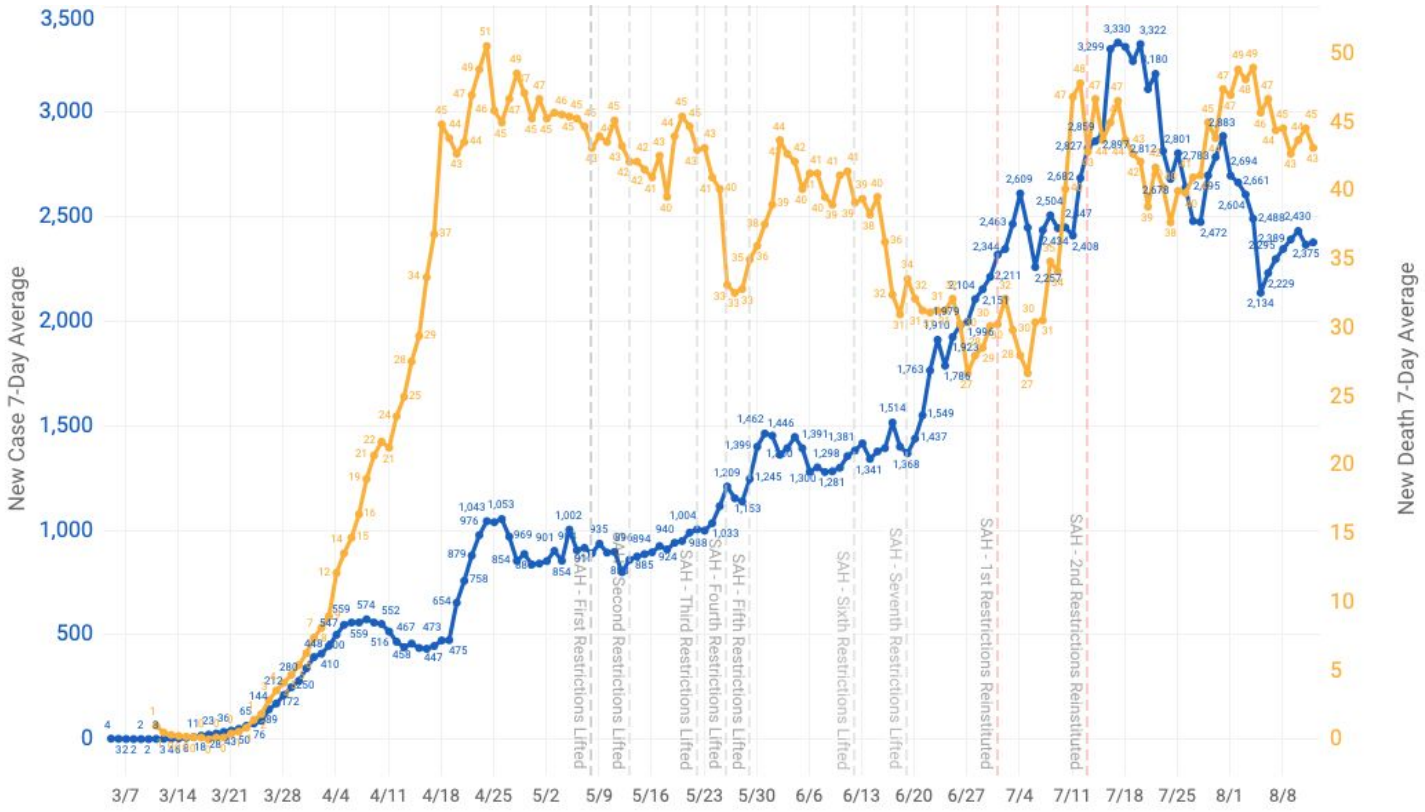
As of August 12, 2020, Noon

Key Takeaways:

The past seven days have seen an average daily increase of 2,375 new cases

The past seven days have seen an average daily increase of 43 new deaths

New cases numbers since 7/23 are affected by data backlogs from certain labs, which can cause under-reporting on certain days, followed by over-reporting once results are received



Source: Los Angeles County Department of Health

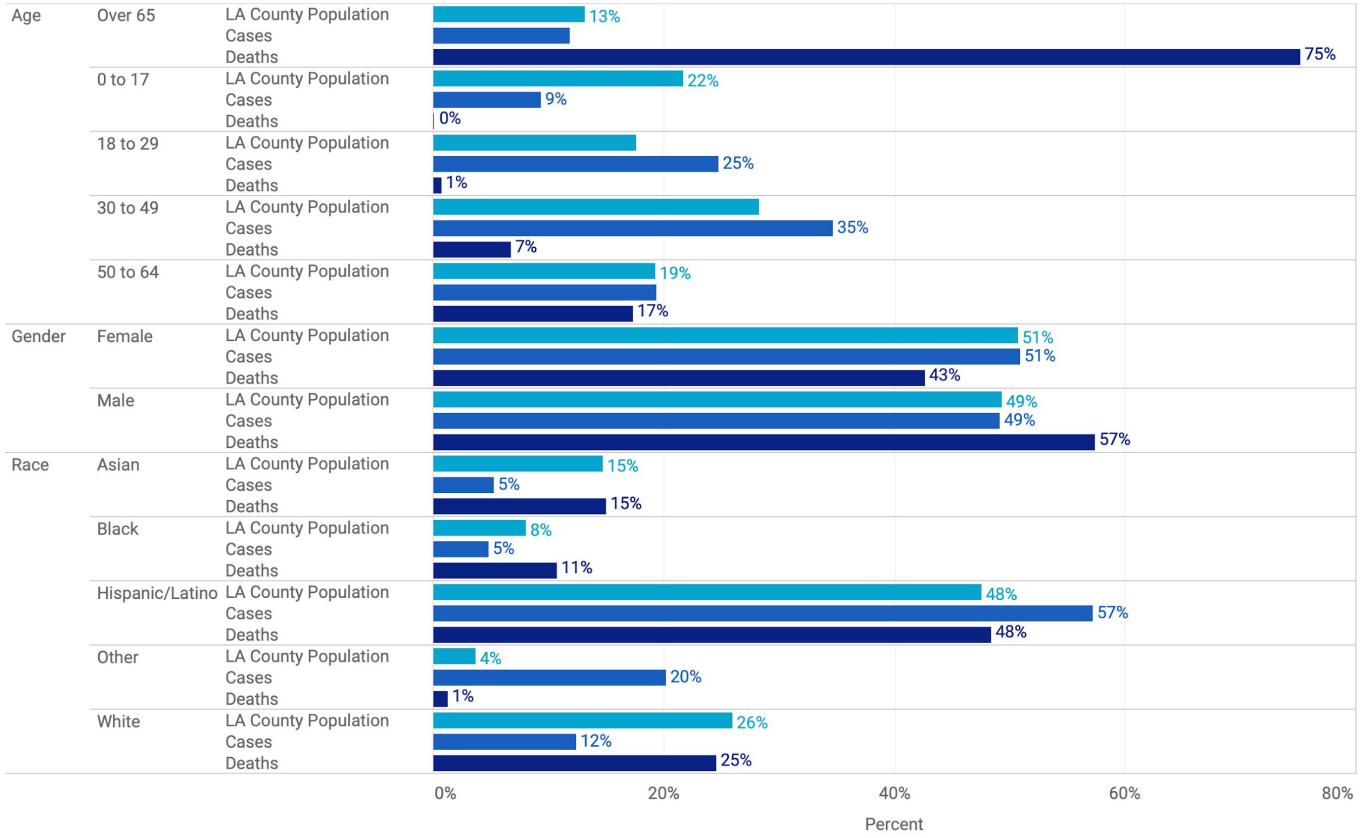
Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

COVID Cases and Death Demographics*

As of August 10, 2020 • Two day lag

Key Takeaways:

- Data is incomplete with 37.6% of cases and 0.3% of deaths still under investigation
- People 40 and above are overrepresented in cases
- Seniors, Men, Asian Americans, and African Americans overrepresented in deaths
- 4,665 out of 5,057 deaths had comorbidities (underlying conditions) (92.2%)



LA County Population
Cases
Deaths

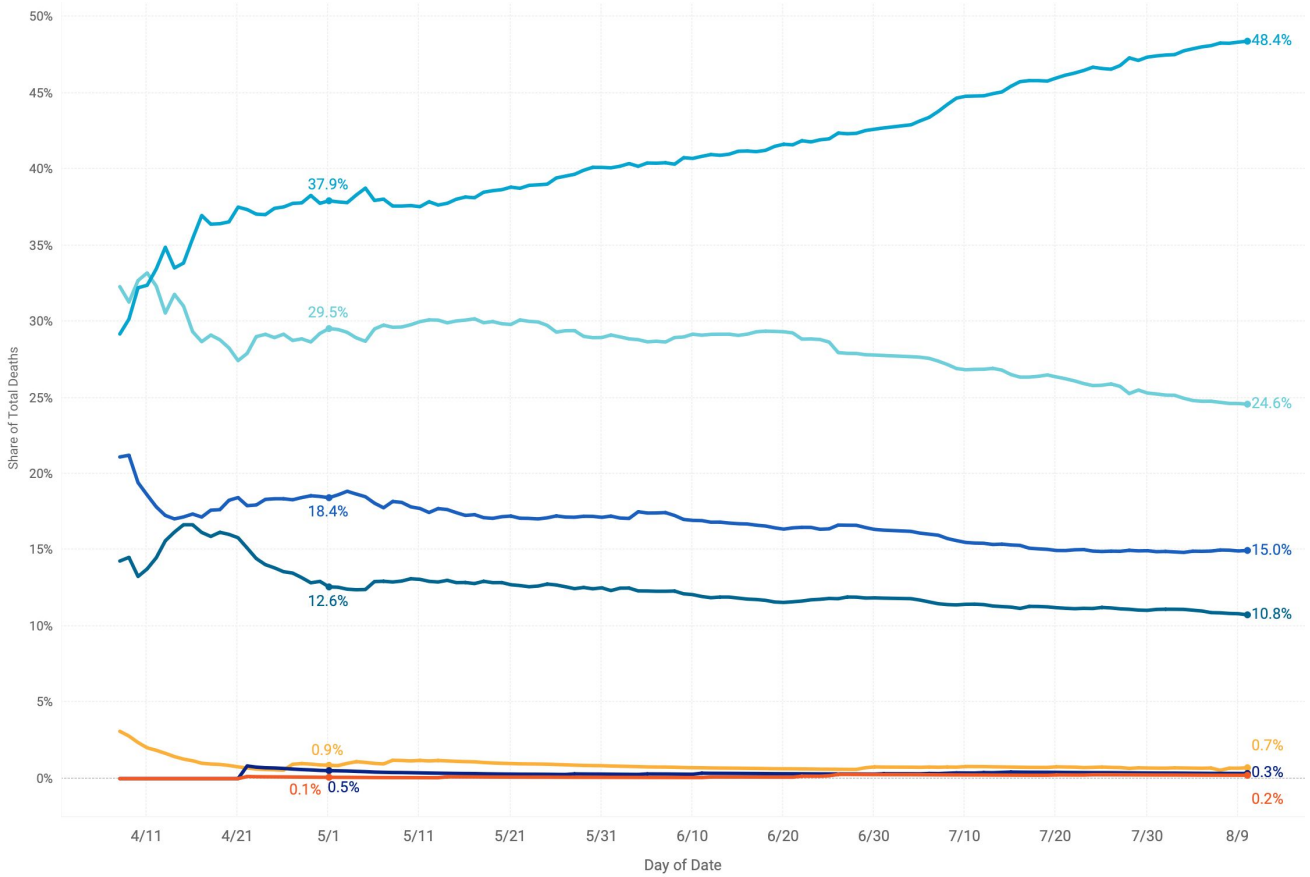
Source: Los Angeles County Department of Public Health, US Census Bureau
*Department of Public Health category *Under Investigation or Not Otherwise Listed* filtered out of analysis Approximations are made on Census data to accommodate county age buckets.
Percentage of cases and deaths under investigation is based on the race category

Share of LA County Deaths by Race

As of August 10, 2020 • Two day lag

Key Takeaways:
From 5/1 to 8/10

- Hispanic/Latino share **increased by 10.8%**
- White share **decreased by 5.0%**
- Asian share **decreased by 3.5%**
- Black share **decrease by 1.8%**
- Other Races share **decreased by 0.2%**
- Native Hawaiian/Pacific Islander share **decreased by 0.1%**
- American Indian/Alaska Native share **increased by 0.1%**



- Hispanic/Latino
- White
- Asian
- Black
- Native Hawaiian or Other Pacific Islander
- American Indian or Alaska Native
- Other Race

Source: Los Angeles County Department of Public Health, COVID Tracking Project
*Missing cases/deaths data by demographic from 7/2-7/3

Prepared by Mayor's Innovation Team

COVID Outbreaks at Non-Institutional Settings

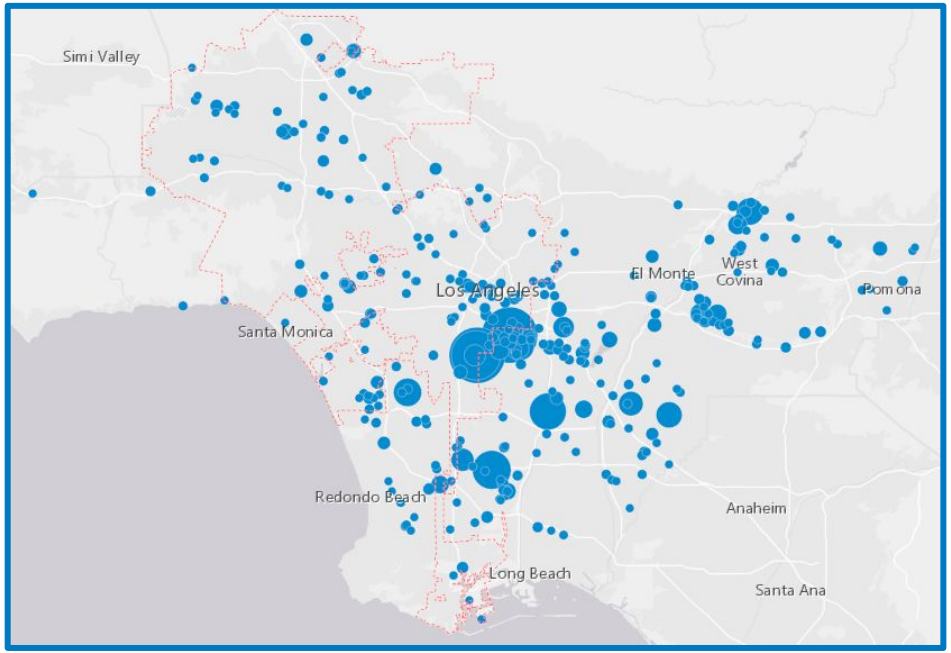
As of August 11, 2020 • One day lag

Key Takeaways:
• Highest number of cases were identified at:

LA Apparel - 3 buildings
(386 confirmed cases overall)

Smithfield - Vernon
(241 Confirmed cases)

Ralphs Ice Plant and Warehouse - Compton (114 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 COVID19 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 • CITY + COUNTY + STATE VIEW

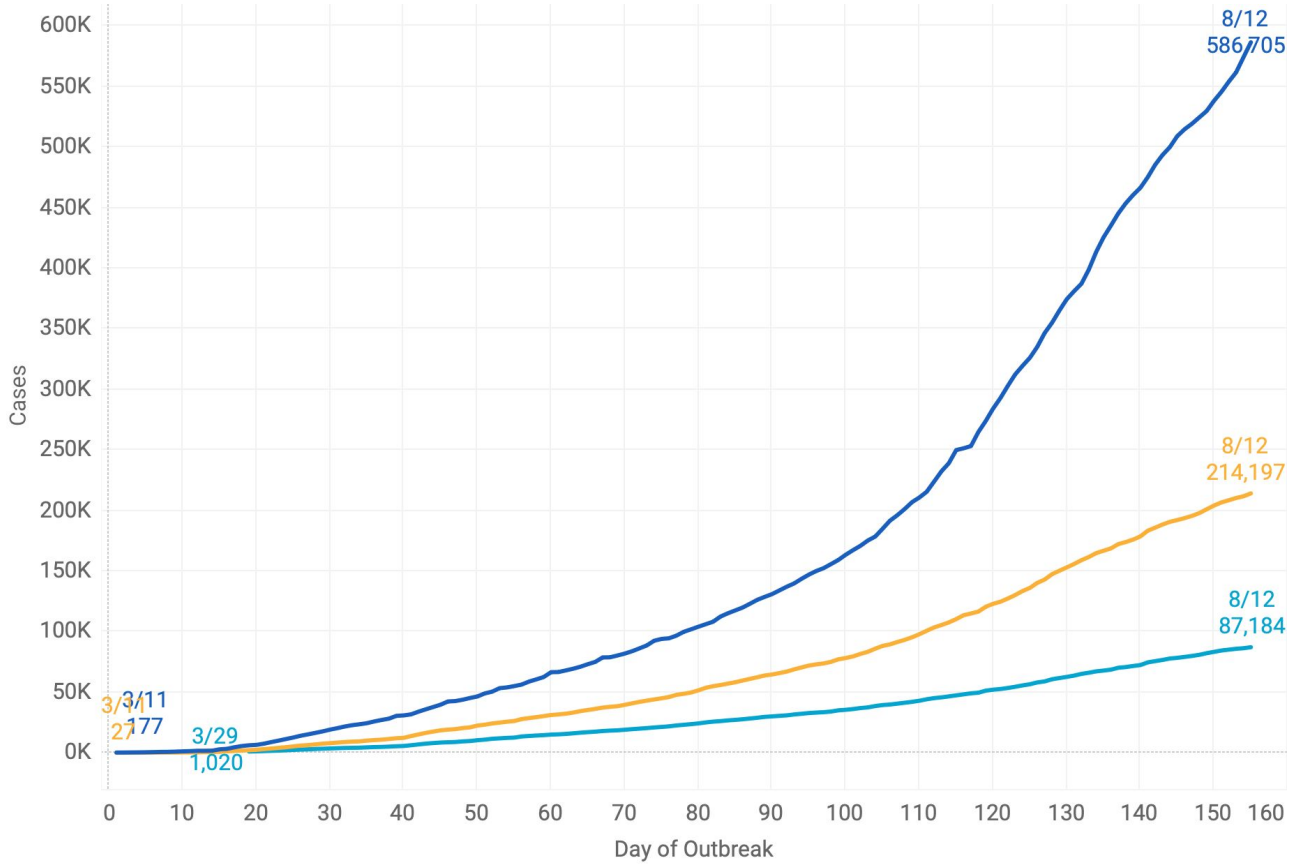
New & Total Cases

City + County + State Update

As of August 12, 2020, Updated 1:00 PM

Key Takeaways:

- **12,294** new cases reported in CA since yesterday (**2.1%** increase)
- LA County has **36.5%** of cases in CA with **2,428** new
- The City of LA has **40.7%** of cases in CA with **851** new



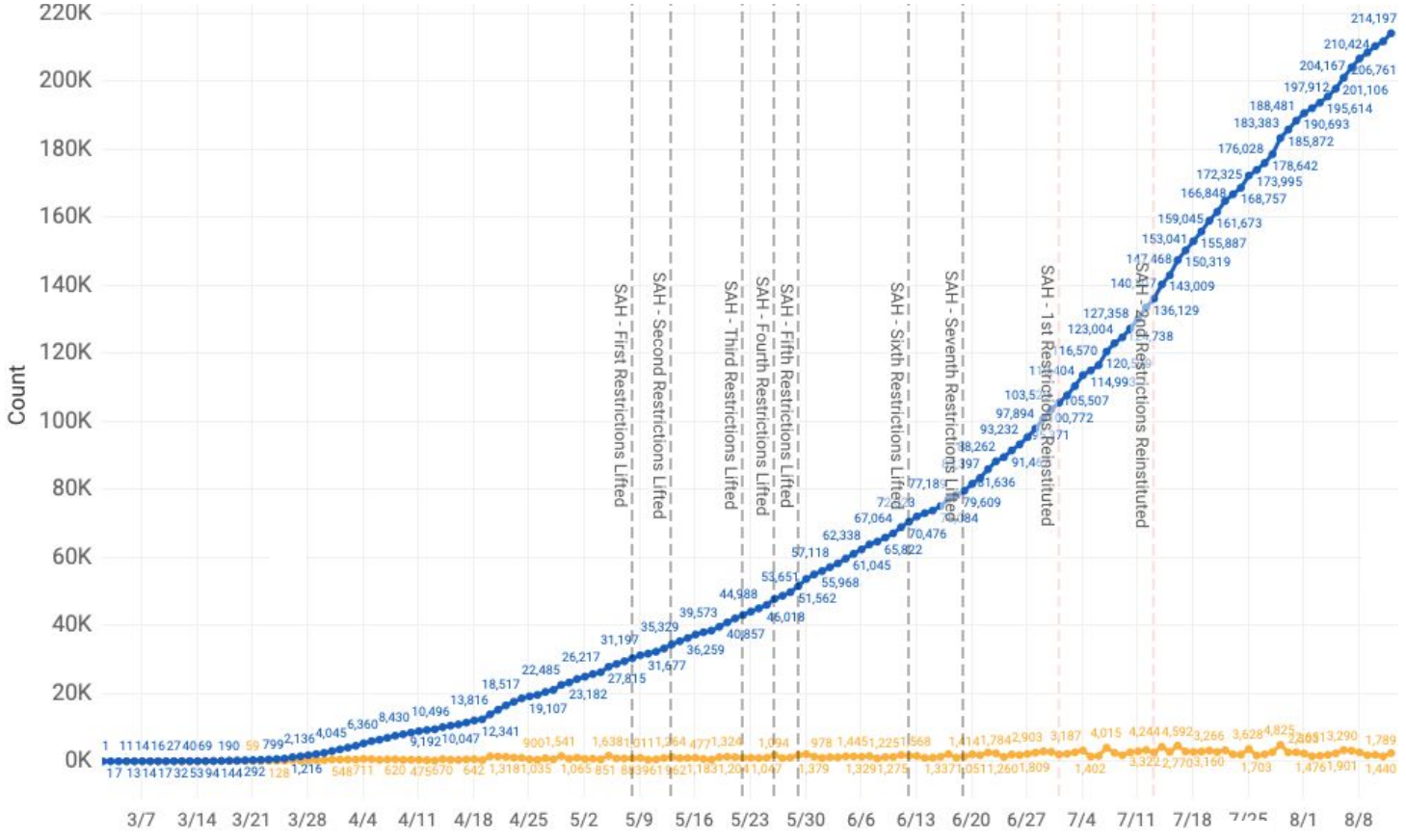
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1

COVID-19 Los Angeles County Total New Cases

As of August 12, 2020, Updated 12:00 PM

Key Takeaways:
The past seven days have seen an average daily increase of 2,375 new cases

Note: *Daily numbers may show a discrepancy when performing basic addition. This is based on the fact that the County is performing ongoing investigation into cases and updating their daily case numbers but not updating historic case numbers*



Total Cases
New Cases

Source: Los Angeles County Department of Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

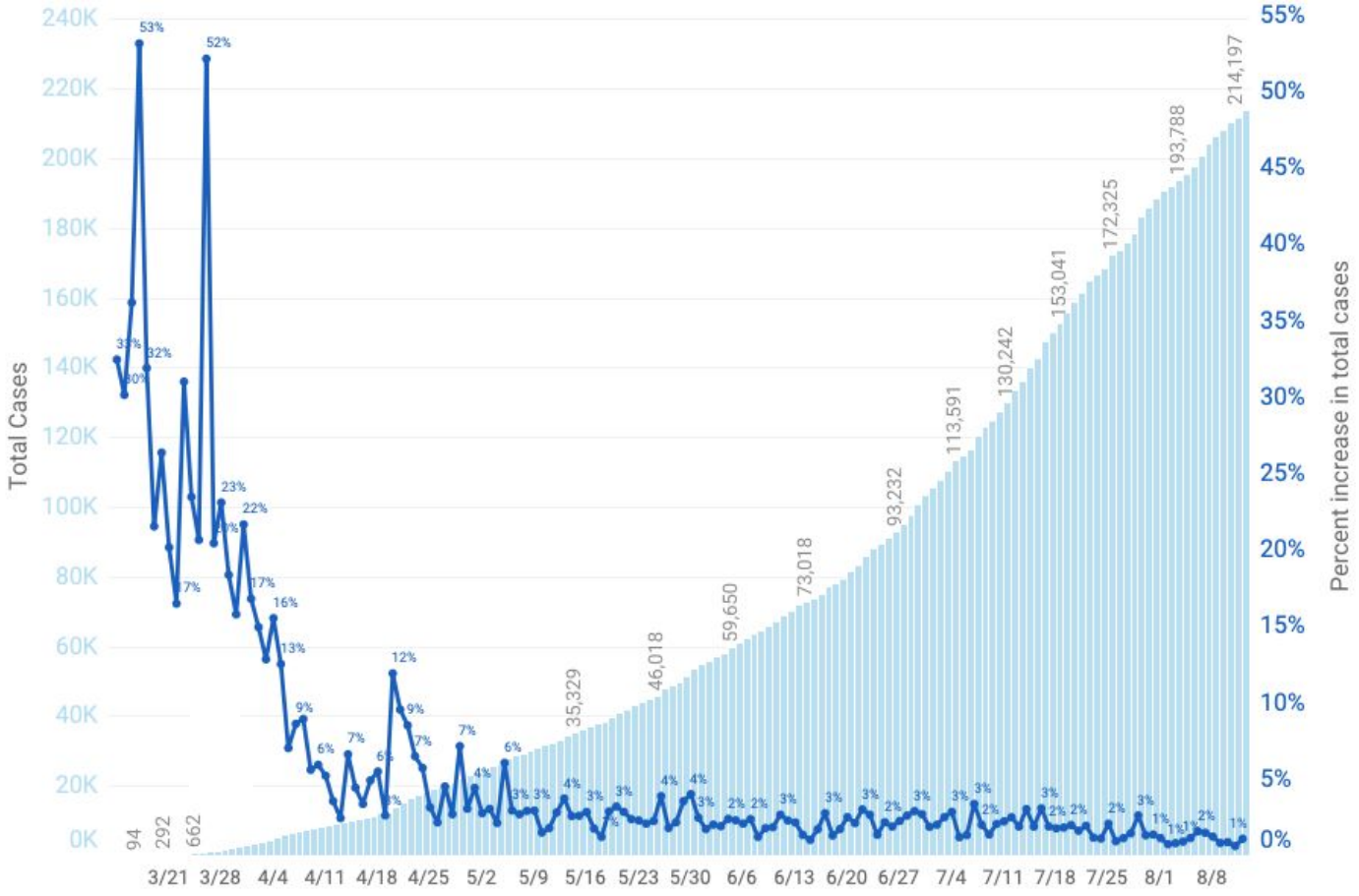
COVID-19 Los Angeles County Total Case Increase

As of August 12, 2020, Updated 12:00 PM

Key Takeaways

Yesterday saw a case increase of 1.1%

The past seven days have seen an average daily case increase of 1.1%



Source: Los Angeles County Department of Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

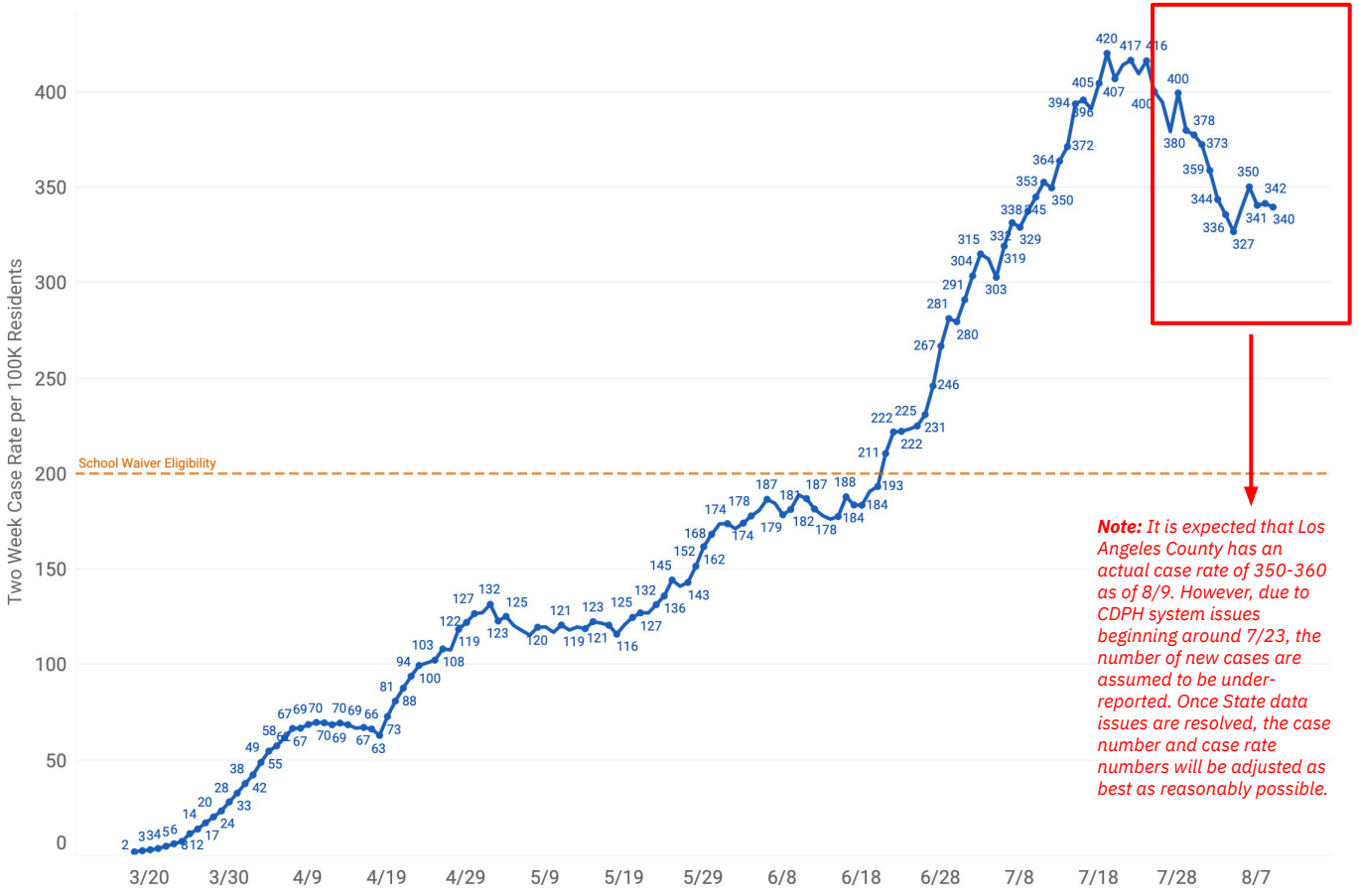
COVID-19 Los Angeles County Case Rates per 100K residents

Reported on August 12, 2020 at 1:00 PM (using data through 8/9)

Key Takeaways:
As of 8/9, the 14-Day Case rate per 100K residents (by episode date, with prison cases) was 340 based on available data. However, due to data issues beginning 7/23, the rate is more likely 330-360.

Note: The case rate was calculated by taking the case data per 100K residents by episode date from the Los Angeles County Department of Public Health over the a 14-day period with a 3-day lag (e.g. the data for 8/6 run from 7/21-8/3. The main data shown for this report do not exclude prison cases though the difference is about 1 point.

The State waiver qualifying metric is defined as: "14 day case rate (without prison cases) - The total number of cases diagnosed and reported over a 14-day period divided by the number of people living in the county. This number is then multiplied by 100,000. Due to reporting delay, there is a 3-day lag. Although case rates are often calculated using the date they were reported to the health department, this measure uses the episode date. The episode date is the earliest of several dates and corresponds to the earliest date that the case can be known to have had the infection."



Source: Los Angeles County Department of Public Health

Prepared by Mayor's Innovation Team

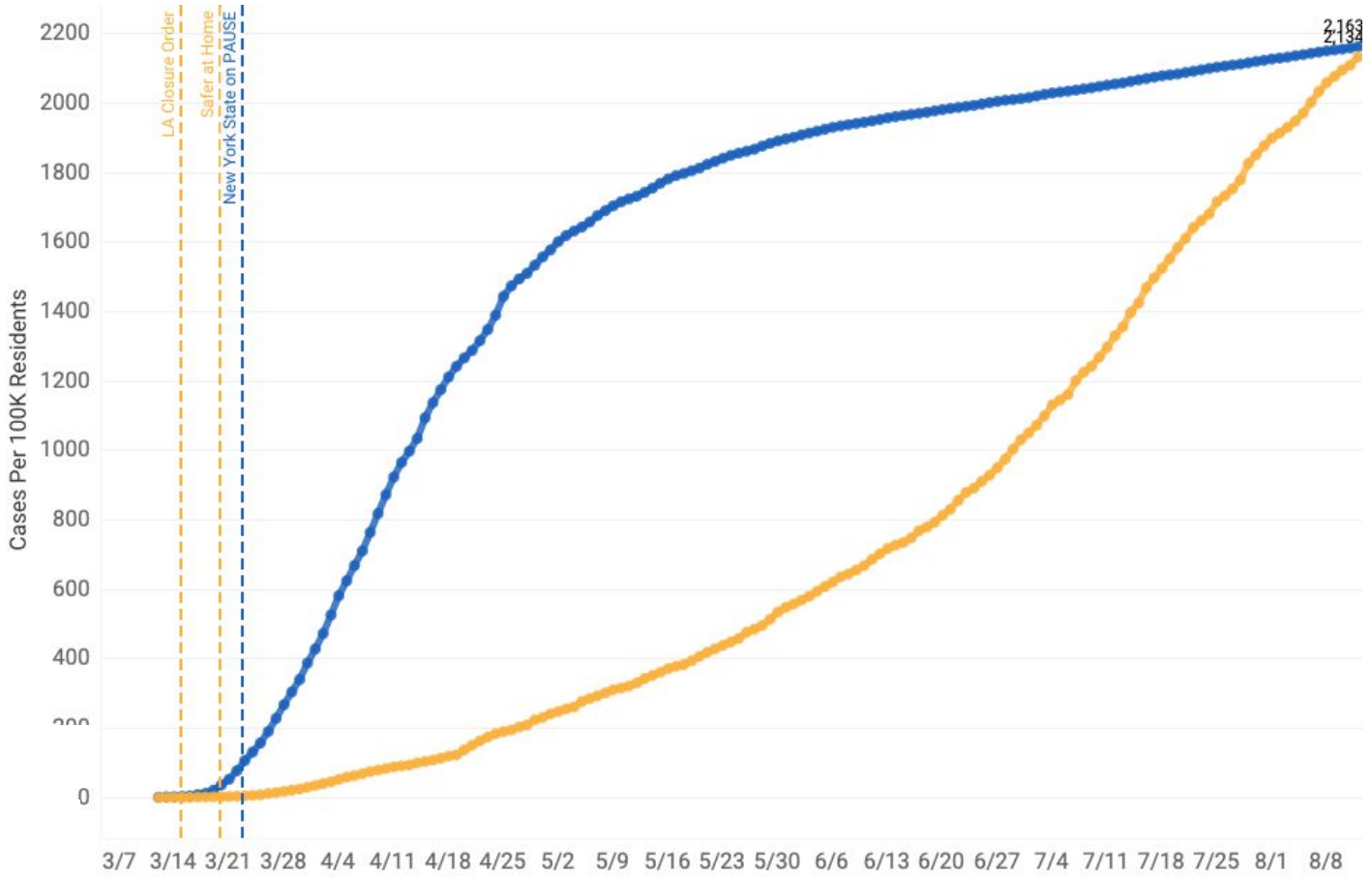
COVID-19 Los Angeles County | NY State Cases per 100K Residents

As of August 12, 2020, Updated 12:00 PM • One day lag

Key Takeaways

As of August 12, 2020 New York State has had 2,163 cases per 100K.

Los Angeles County has had 2,134 cases per 100K.



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

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

COVID-19 • LOS ANGELES COUNTY

New & Total Deaths

MORTALITY

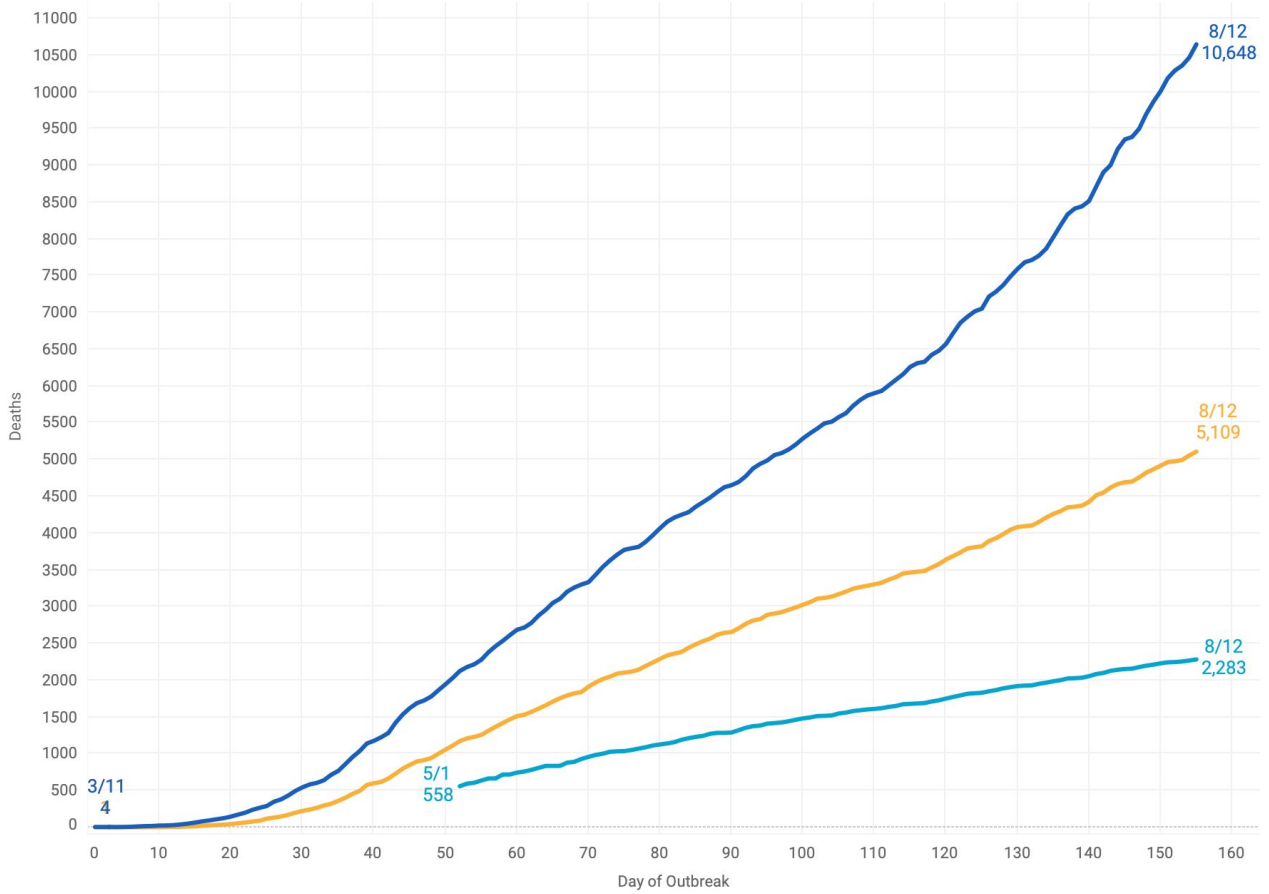
City + County + State Update
As of August 12, 2020, 1:00 PM

Key Takeaways:

• **180** new deaths reported in CA from 8/11 to 8/12 (**1.7%** increase)

• LA County has **47.98%** of deaths in CA with **58** new deaths from 8/11 to 8/12 (**1.0%** increase)

• The City of LA has **21.8%** of deaths in CA; **15** new deaths reported from 8/4 to 8/5 (**0.7%** increase)



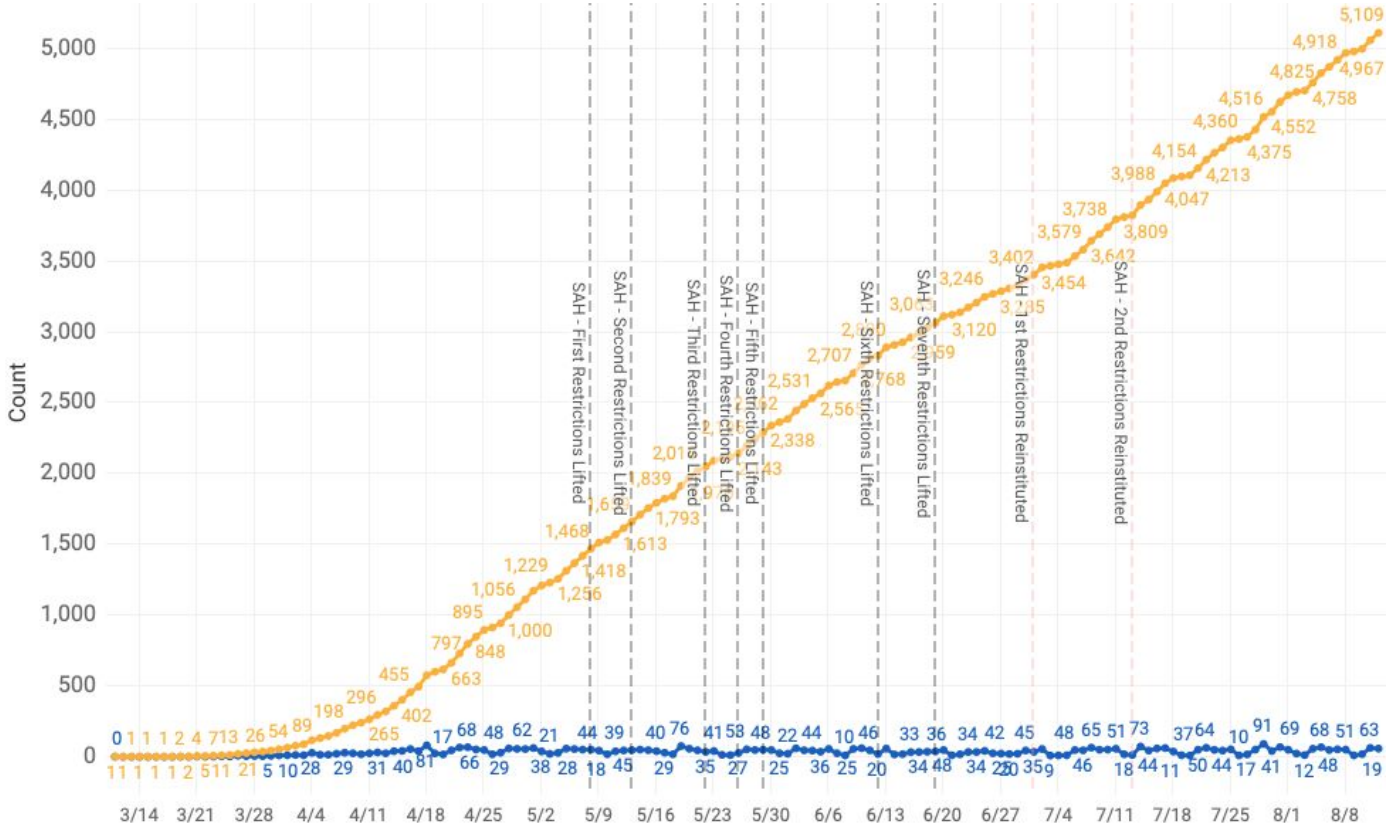
Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.
Day of outbreak is identified as March 11th, with prior cases aggregated to day 1. LA City death count lags several days.

Prepared by Mayor's Innovation Team

COVID-19 Los Angeles County Deaths

As of August 12, 2020, Updated 12:00 PM

Key Takeaways:
The past seven days have seen an average daily increase of 43 new deaths



Total Deaths
New Deaths

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 11th, with prior cases aggregated to day 1. LA City death count lags several days.

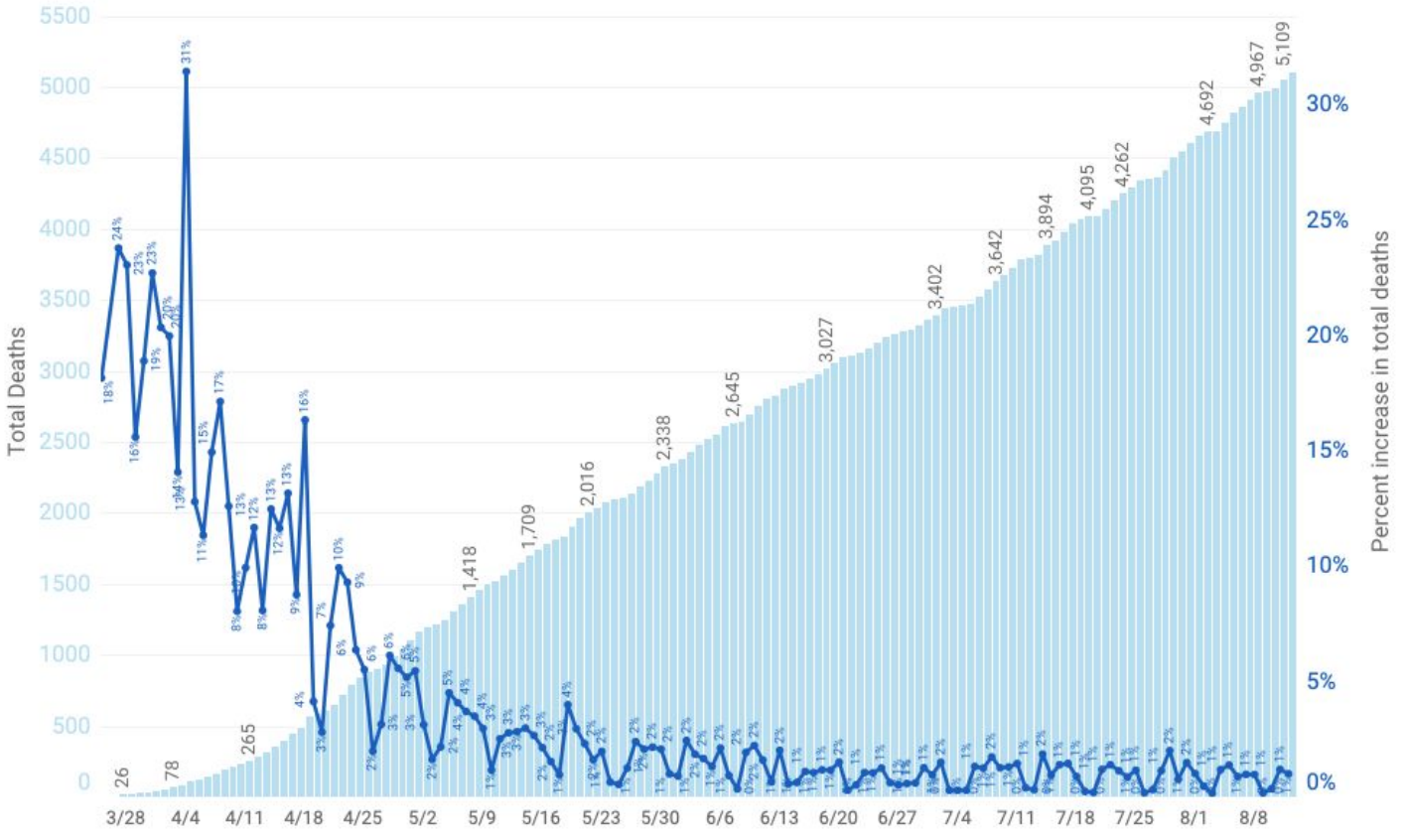
Prepared by Mayor's Innovation Team

COVID-19 Los Angeles County Total Death Increase

As of August 12, 2020, Updated 12:00 PM

Key Takeaways:
Yesterday saw a death increase of 1.0%

The past 7 days have seen an average daily death increase of 0.8%



Source: Los Angeles County Department of Health

Note: Between July 3-5, the County took their systems offline for an upgrade. Additionally, several testing sites were closed and at least one major lab did not report case results. Deaths were likely undercounted because the necessary verification steps extended beyond the weekend due to holiday. As a result, all data during this time period is skewed.

COVID-19 • LOS ANGELES COUNTY

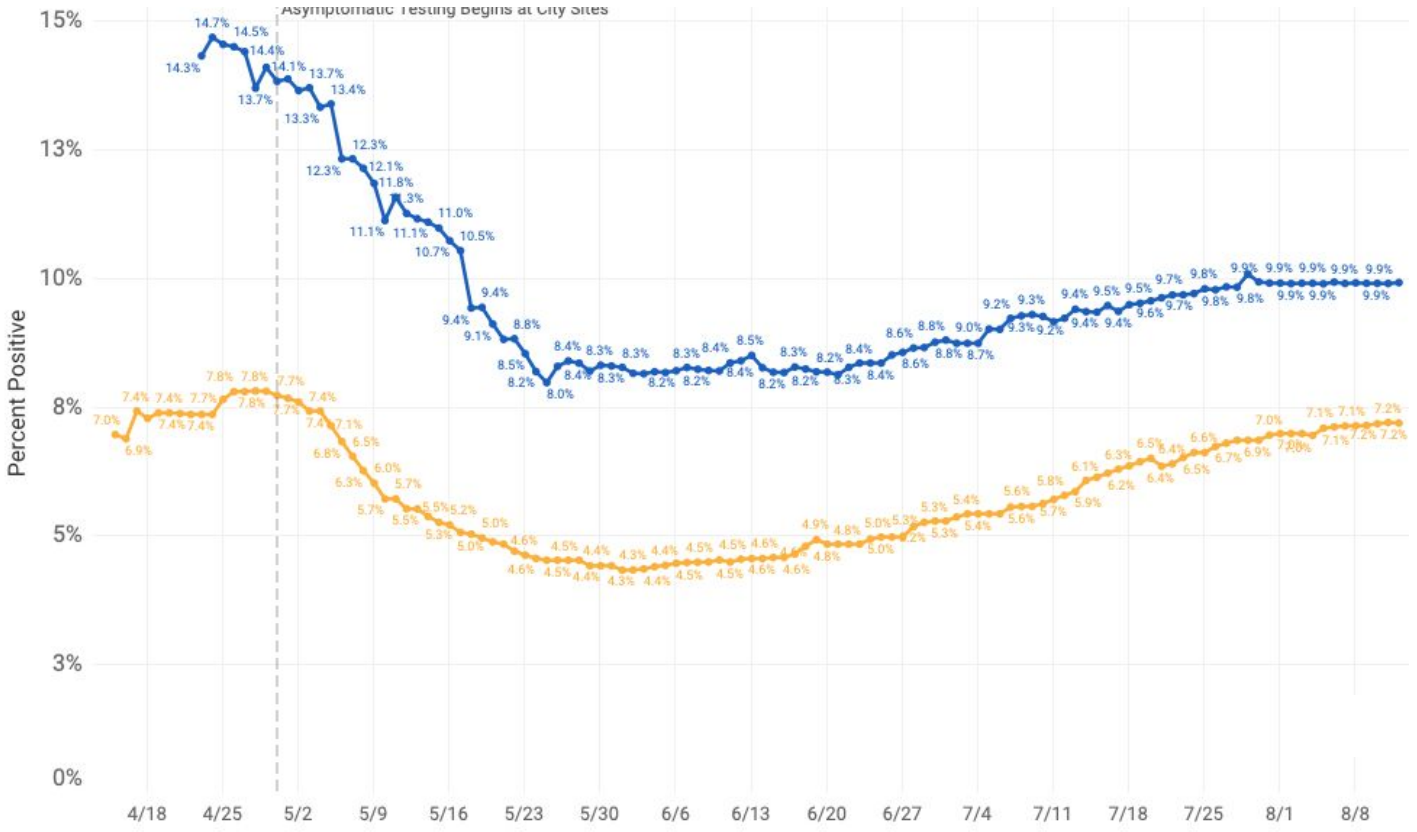
Testing

Positive Test Rate (people tested positive rate) - Los Angeles City vs County (by Result Day) As of August 11, 2020 • One-day lag

Key Takeaways:
Since their respective minimums in late May:

LA County's positive rate has increased 1.9 percentage points to 9.9%

LA City's positive rate has increased 2.9 percentage points to 7.2%



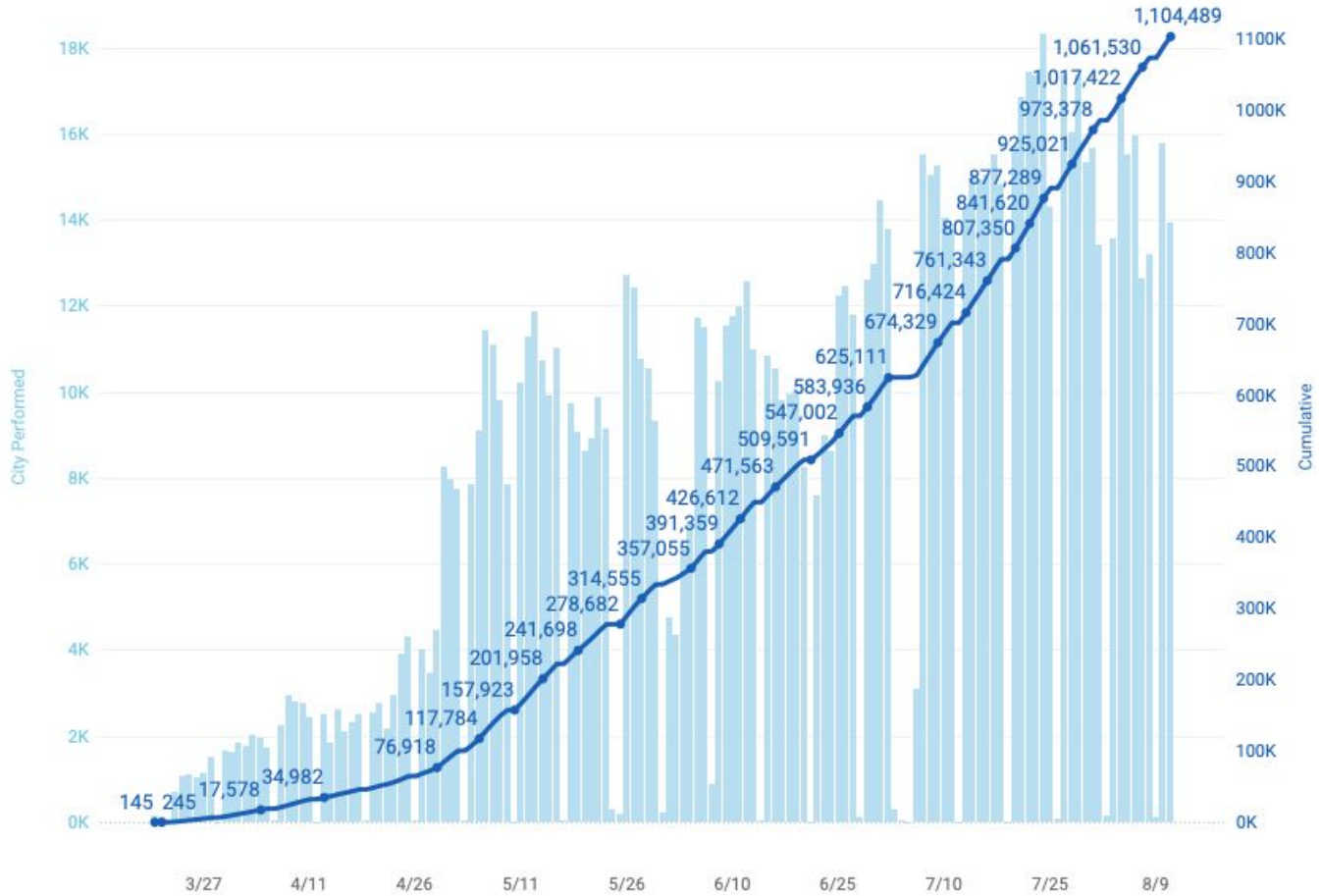
Source: Los Angeles County Department of Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

City of Los Angeles* People Tested

As of August 11, 2020 • One day lag

Key Takeaways:

- **At least 1,104,489** tests have been performed at City of Los Angeles since 3/20
- **In LA County overall, at least 1,613,546 tests** have been performed since 3/20
- At least **13,923** tests were performed on 8/11
- **75,228** of the 1,063,038 people for which results were received were positive (7.2%)
- NOTE: Several testing sites were closed over the July 4th holiday weekend



Cumulative
Performed

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

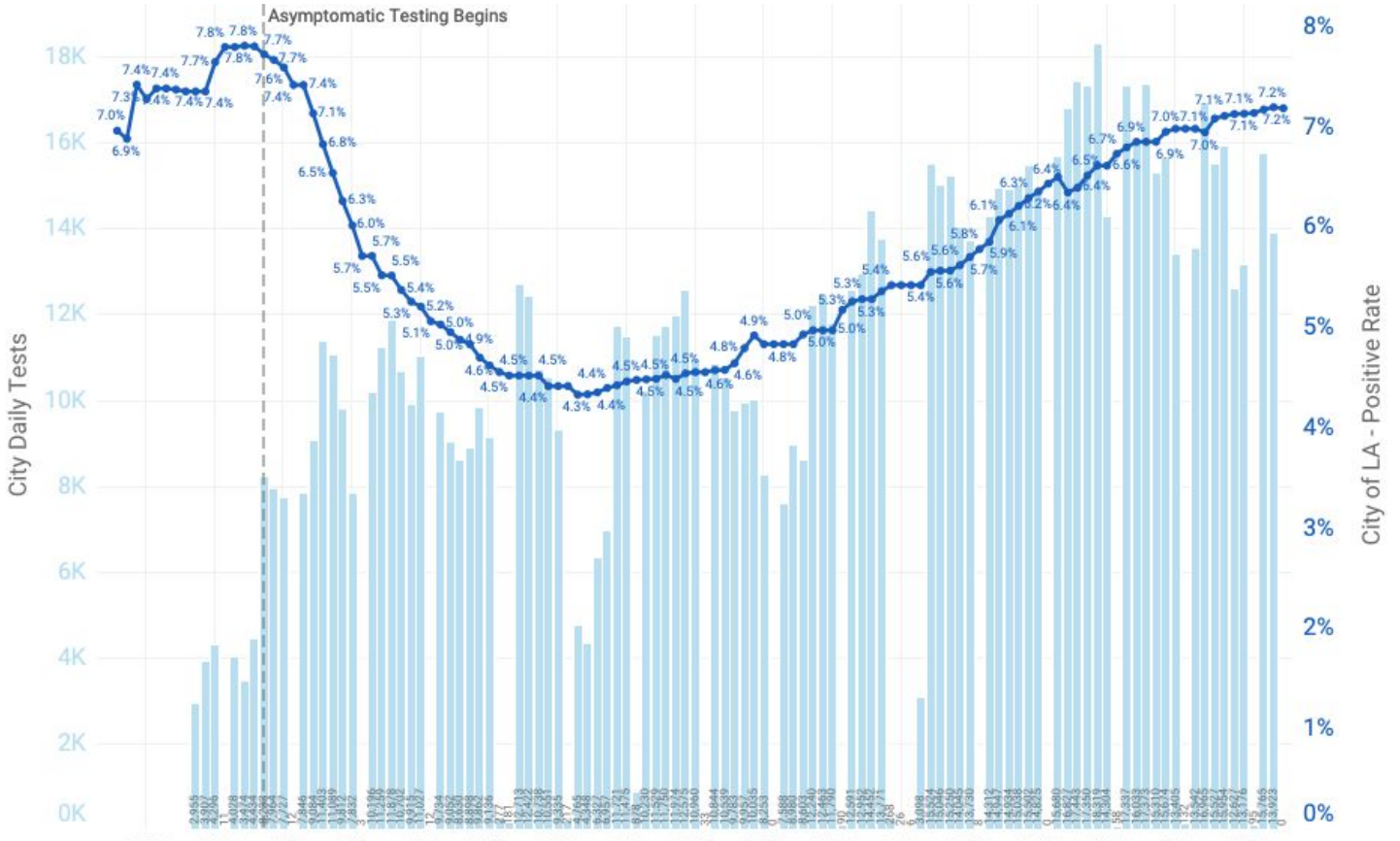
Prepared by Mayor's Innovation Team

City of Los Angeles* People Tested vs Positive Rate (of people tested)

As of August 11, 2020 • One-day lag

Key Takeaways:

- The overall positive testing rate for City of LA sites peaked on 4/27 with a rate of 7.8%
- The overall positive testing reached its lowest rate of 4.3% on 5/31
- **The current positive rate is 7.2% and stable**



Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers. These testing numbers only include sites within the City of Los Angeles boundaries.

County of Los Angeles People Tested vs Positive Rate (for people tested by result day) As of August 11, 2020 • One day lag

Key Takeaways:

• The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%

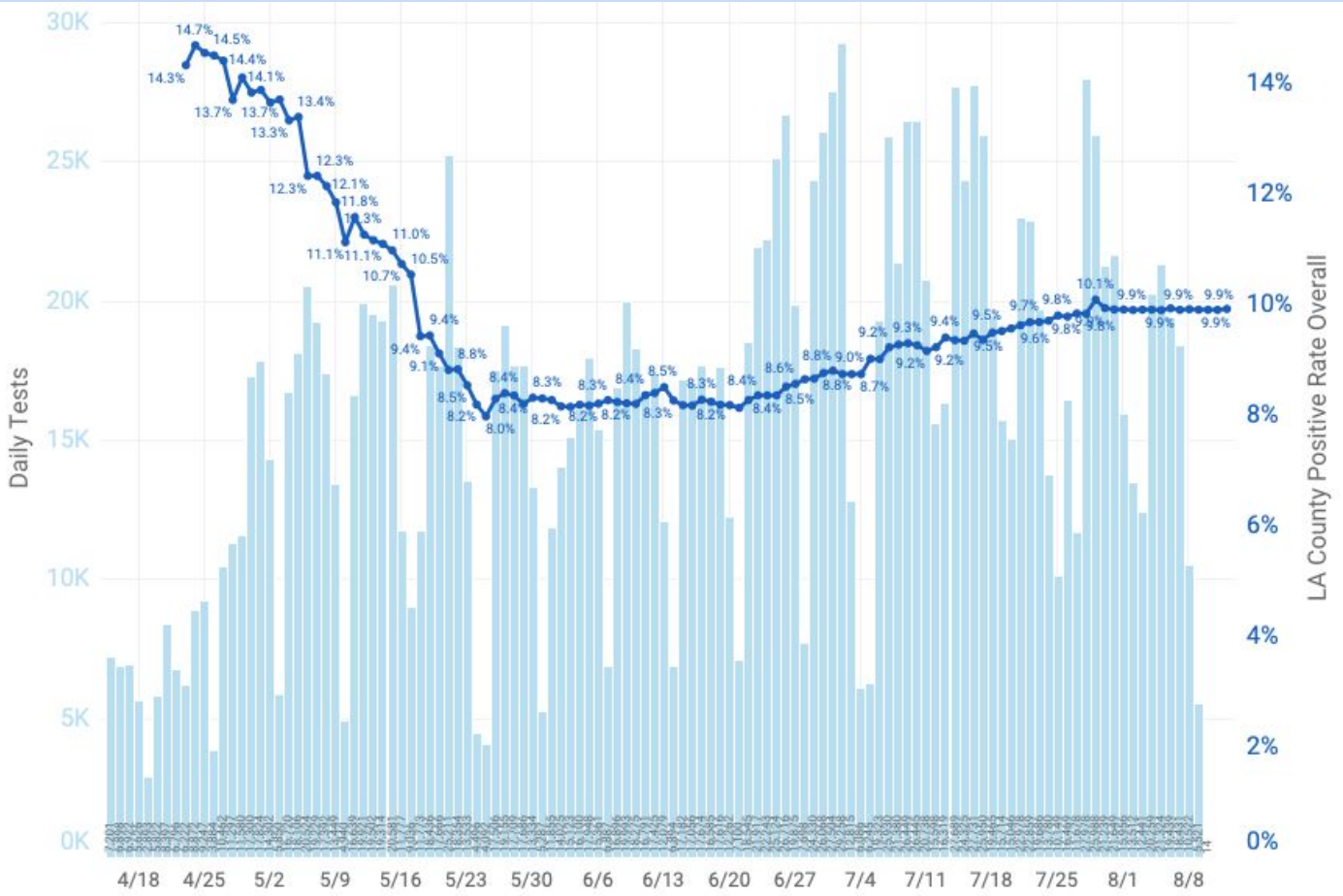
• The positive testing reached its lowest rate of 7.7% on 5/27

• The overall cumulative % positive persons tested as of 8/11 is 9.9%

• The overall cumulative % positive specimens tested as of 8/11 is 7.2%

• The 7-day average daily % positive persons as of 8/11 is 11.9%

• The 7-day average daily % positive specimens as of 8/11 is 6.7%



Source: Los Angeles County Department of Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

Prepared by Mayor's Innovation Team

County of Los Angeles People Tested Daily vs Overall Positivity Rate vs. Seven Day Average Positivity Rate As of August 5, 2020 • One week lag

Key Takeaways:

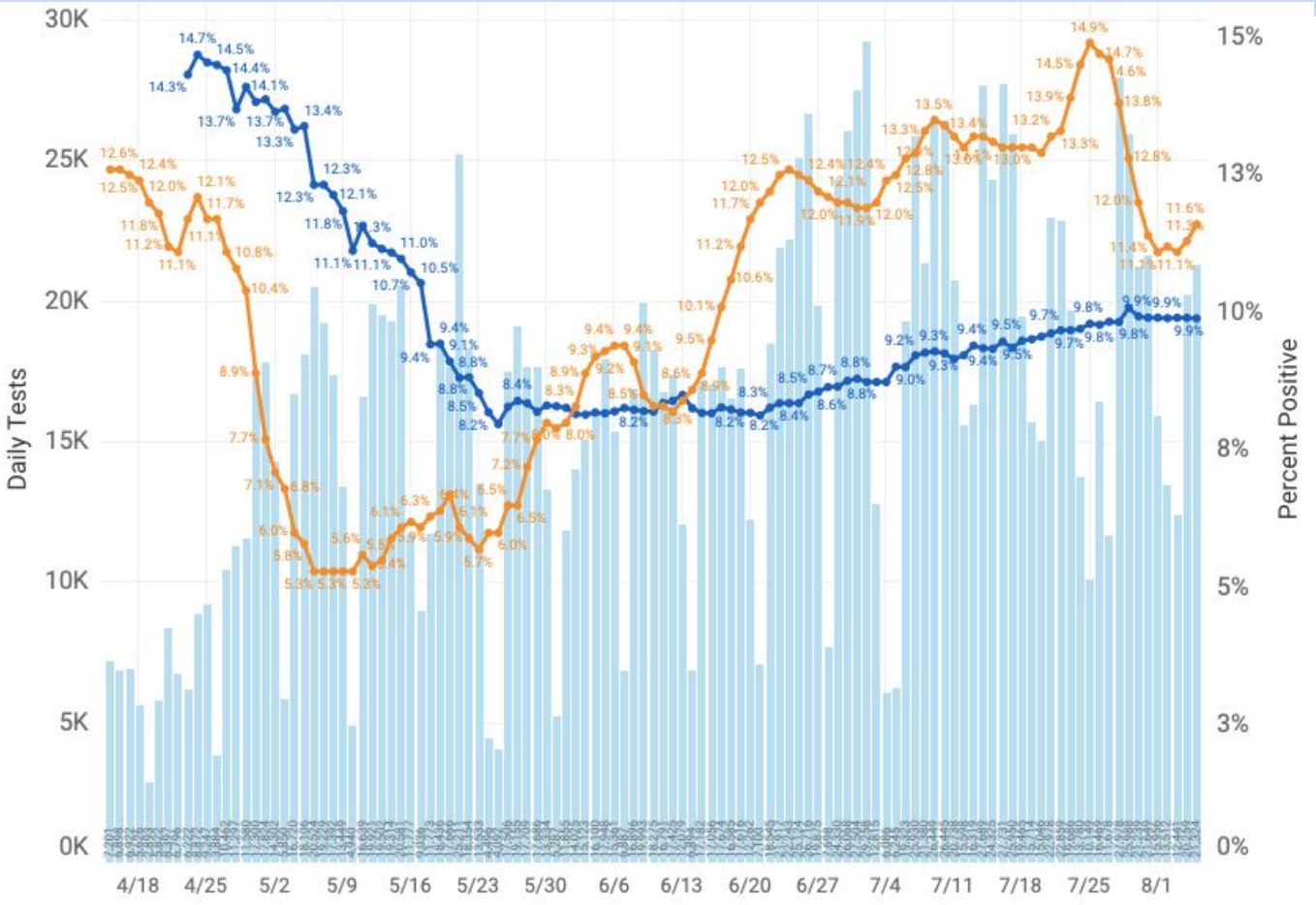
• The overall positive rate for Los Angeles County peaked on 4/8 with a rate of 13.4%

• The positive testing reached its lowest rate of 7.7% on 5/27

• Given delays in testing results, 7-day positive average rates are more stable when viewed after a week.

• The overall cumulative % positive people tested as of 8/5 was 9.9%

• The 7-day average daily % positive persons on 8/5 was 11.6%



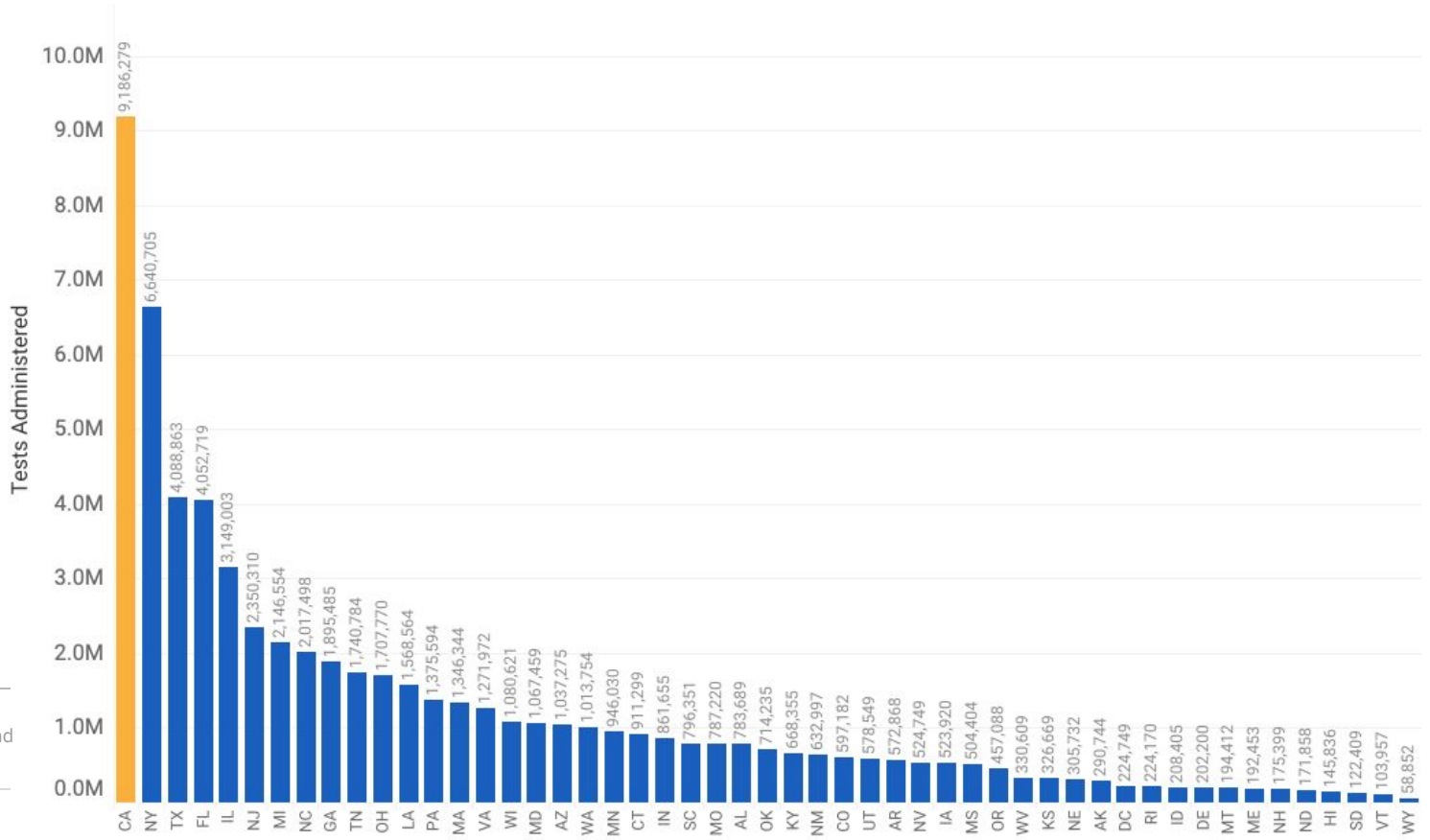
Source: Los Angeles County Department of Public Health. Recent dates are incomplete due to lags in reporting.
Persons Tested are derived from Electronic Lab Reporting (ELR) data. Positive Persons will not equal total cases because not all laboratories report results through ELR.

Prepared by Mayor's Innovation Team

State Testing Data
As of August 11, 2020

Key Takeaways:
•9.2M tests conducted in CA

• +11% in total tests in CA between 8/5 and 8/11



Source: covidtracking.com/
*States are not consistent with updating and reflect a data lag

COVID-19 • LOS ANGELES COUNTY

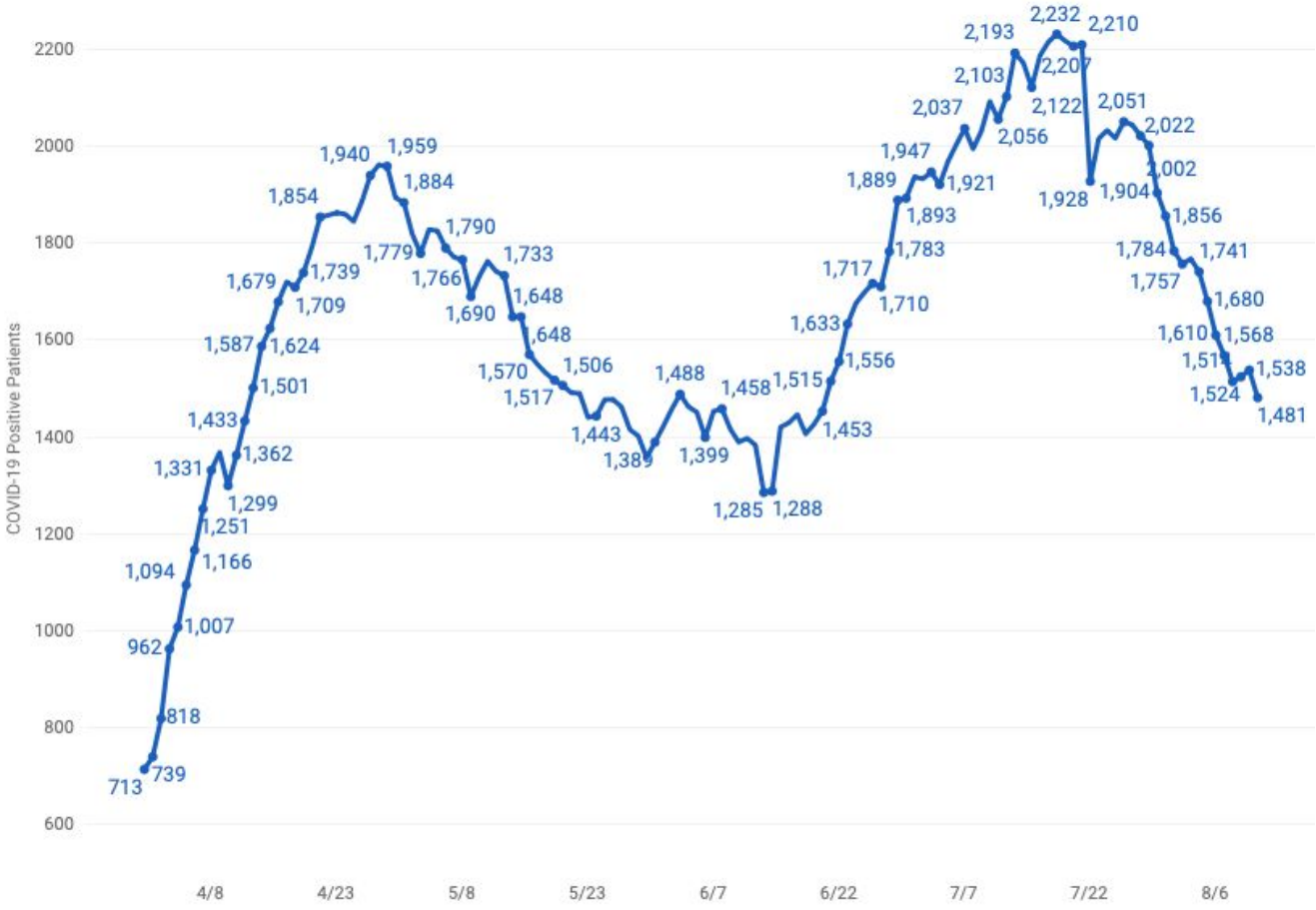
Hospitalizations

Hospitalized COVID-19 Patients

As of August 11, 2020 • One day lag

Key Takeaways:

- **1,481** currently hospitalized patients*
- Since 8/5, there has been a **11.8% decrease** in hospitalized patients



Source: California Open Data Portal
*Hospitalizations in county press conferences often reported with two-day lag
**There are additional patients in hospitals that are COVID-19-suspected

HOSPITALIZATIONS

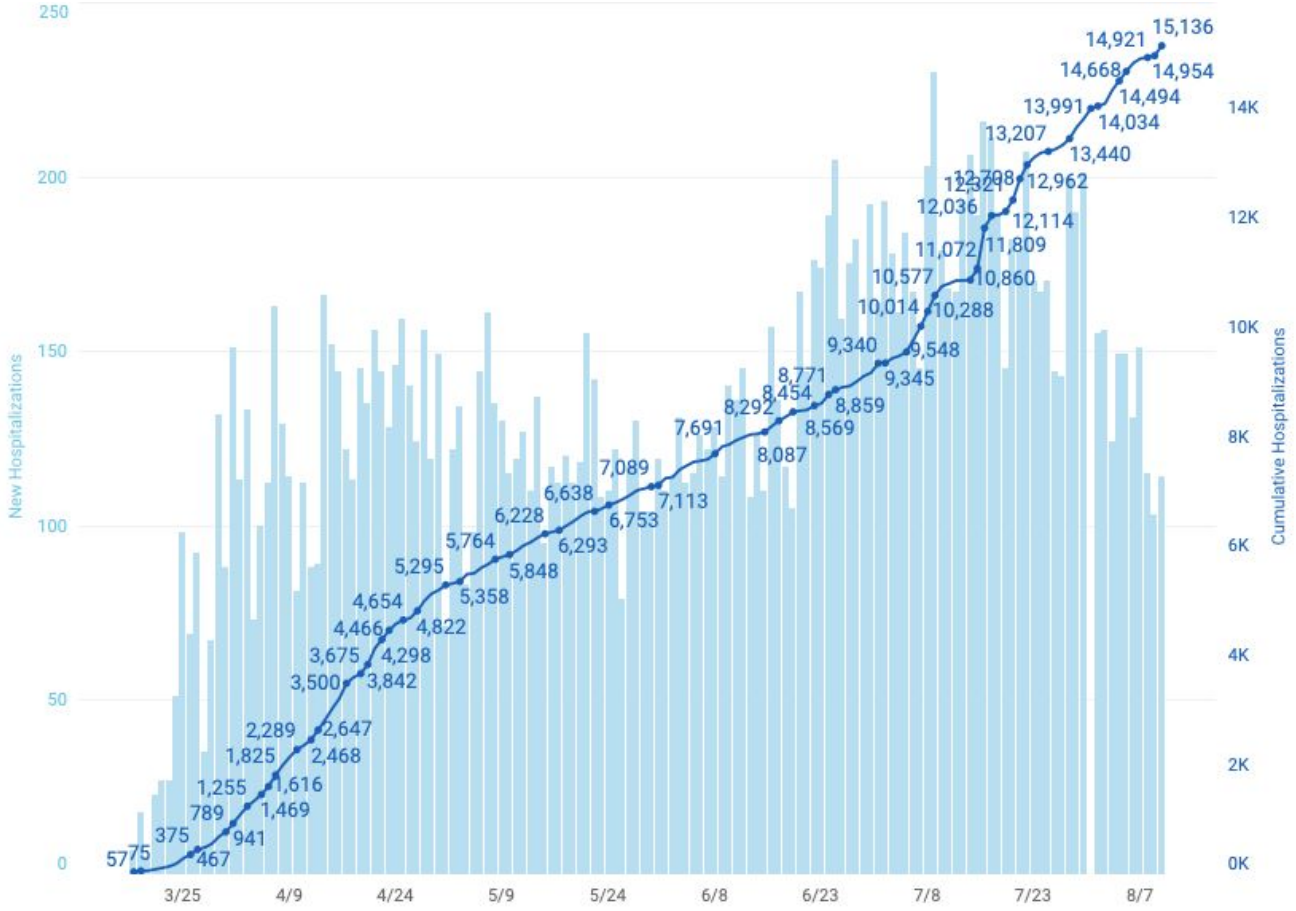
Daily Hospital Admissions

As of August 10, 2020 • Two day lag

Key Takeaways:

•At least 15,136 people have been hospitalized since 3/18

• **114 new hospitalizations*** as of 8/10 (0.8% increase)



Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health, COVID Tracking Project
*No new hospitalizations update for 7/31

Prepared by Mayor's Innovation Team

HOSPITALIZATIONS

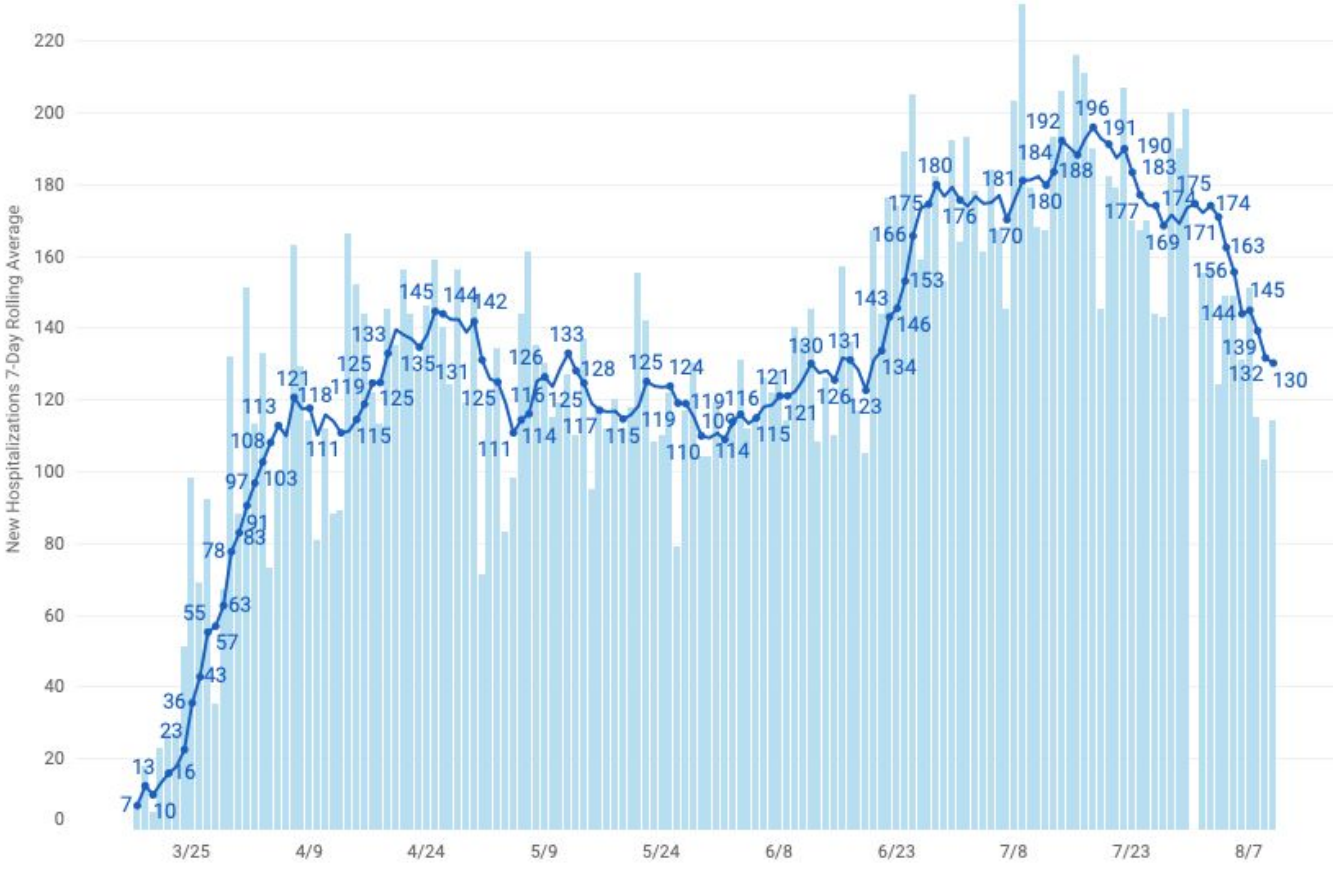
Daily Hospital Admissions, 7-Day Average

As of August 10, 2020 • Two day lag

Key Takeaways:

• An average of **130 people** were hospitalized daily due to COVID-19 between 8/4-8/10

• The new 7-day rolling average **decreased by 25.4%** compared to last week's average



New Hospitalizations (7 Day Rolling Average)
New Hospitalizations

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services
*No new hospitalizations update for 7/31

Prepared by Mayor's Innovation Team

Hospital Bed and Equipment Capacity for LA County

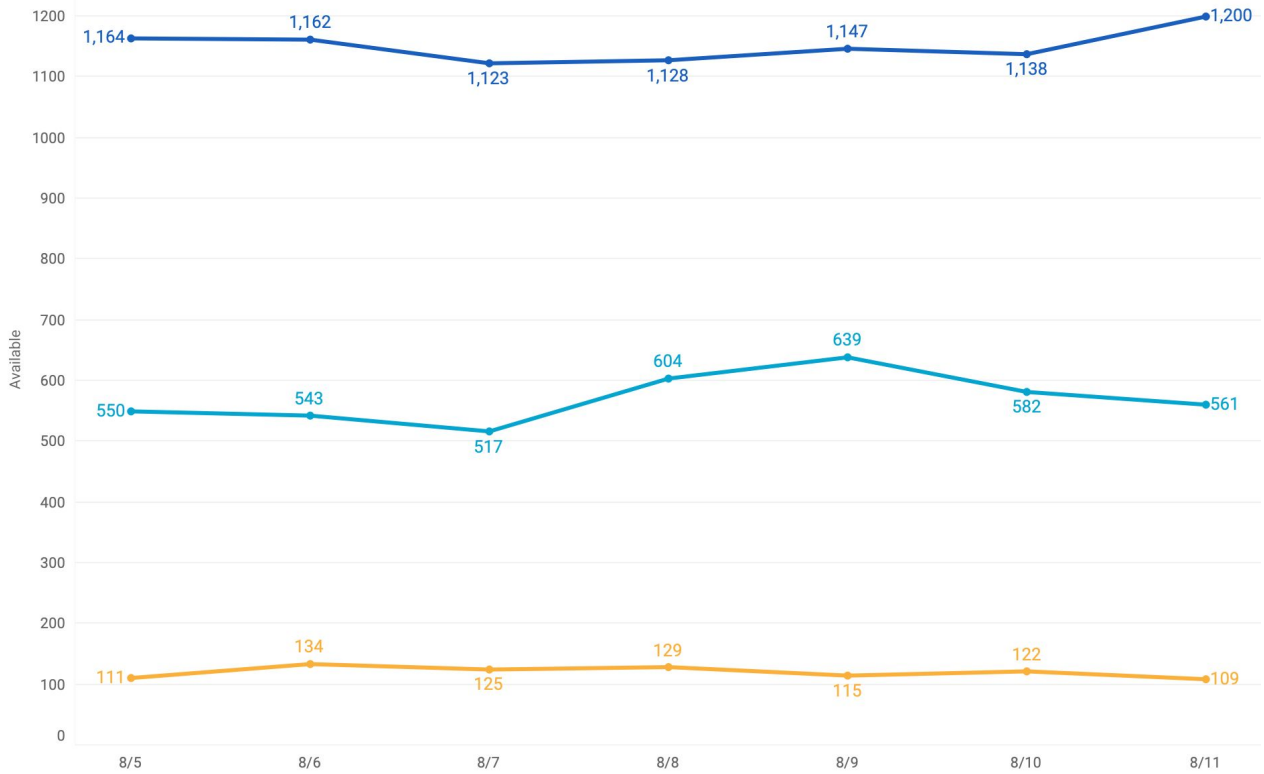
As of August 11, 2020 • One day lag

Key Takeaways:
670 total beds

Since last week, there has been a:
• **2.0% increase** in available acute care beds. Surge capacity is 11,482

• **1.8% decrease** in available ICU beds. Surge capacity is 4,067

• **100% decrease** in available ventilators. Surge capacity is 3,199



Acute Care Beds
ICU Beds
Ventilators

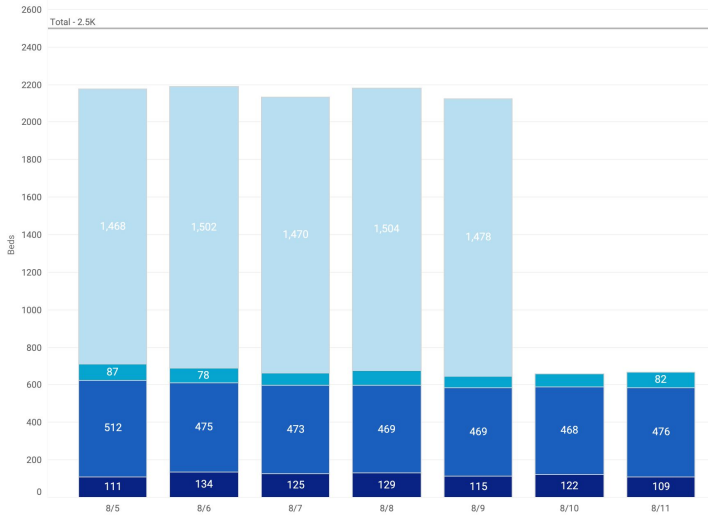
Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

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)

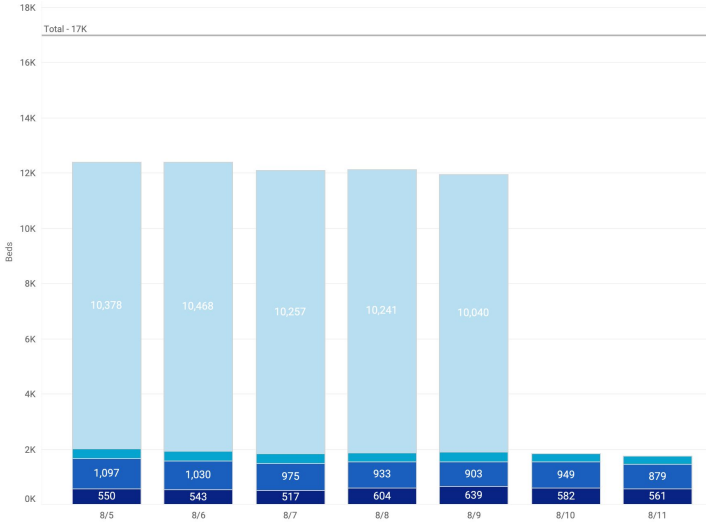
Hospital Bed and Equipment Capacity for LA County

As of August 11, 2020 • One day lag

ICU BEDS



ACUTE CARE BEDS



Non-COVID Occupied
COVID Person Under Investigation
COVID Occupied
Available

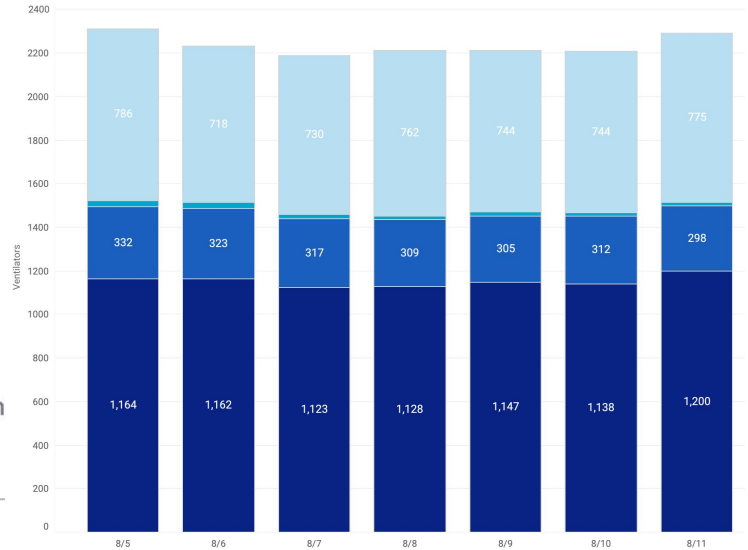
Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services

This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

Hospital Bed and Equipment Capacity for LA County

As of August 11, 2020 • One day lag

VENTILATORS



Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services

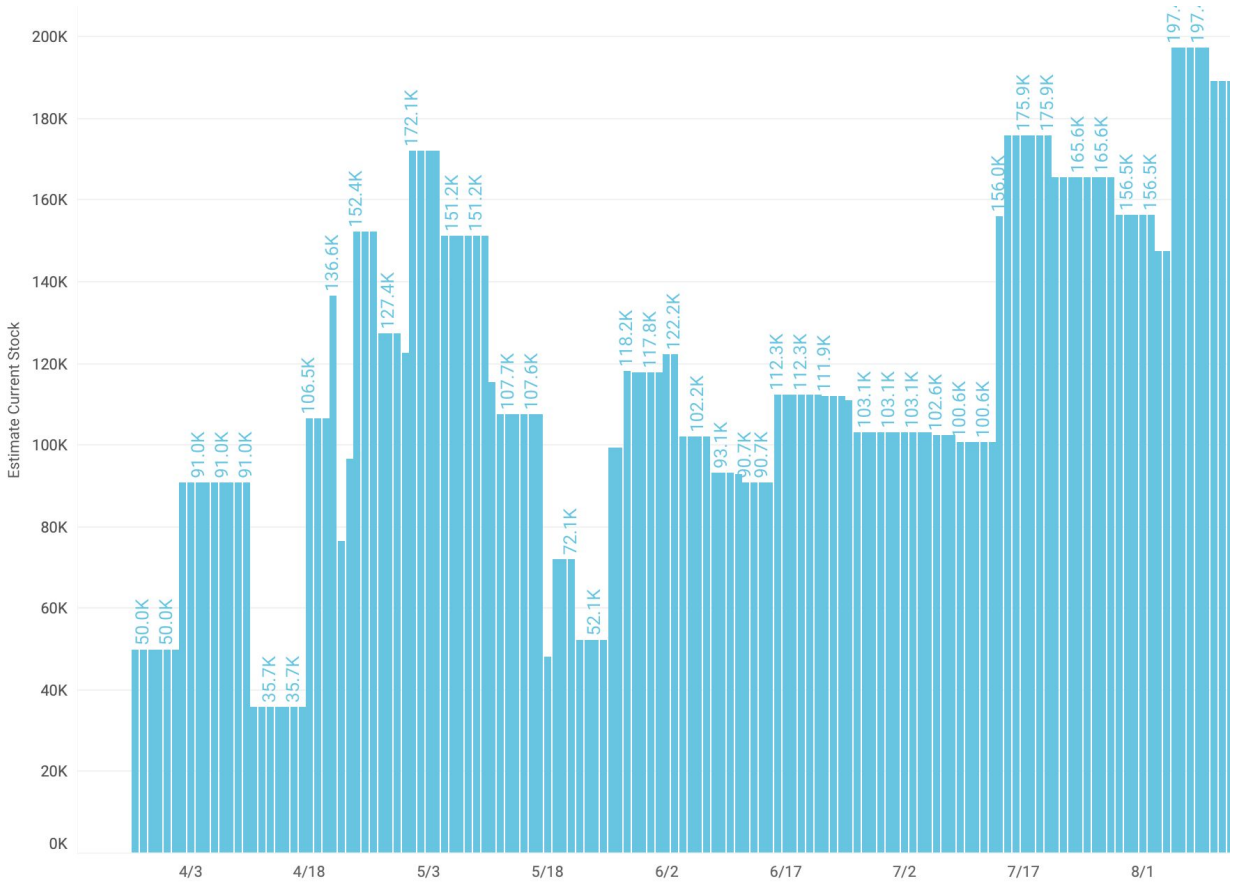
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
*No data for 7/31 currently available

Prepared by Mayor's Innovation Team

N95 Mask Stock: First Responders*
As of August 12, 2020

Key Takeaways:

- Current mask stock is **189,131**
- The stock of masks **decreased 4.19%** 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.*

COVID-19 DATA SUMMARY

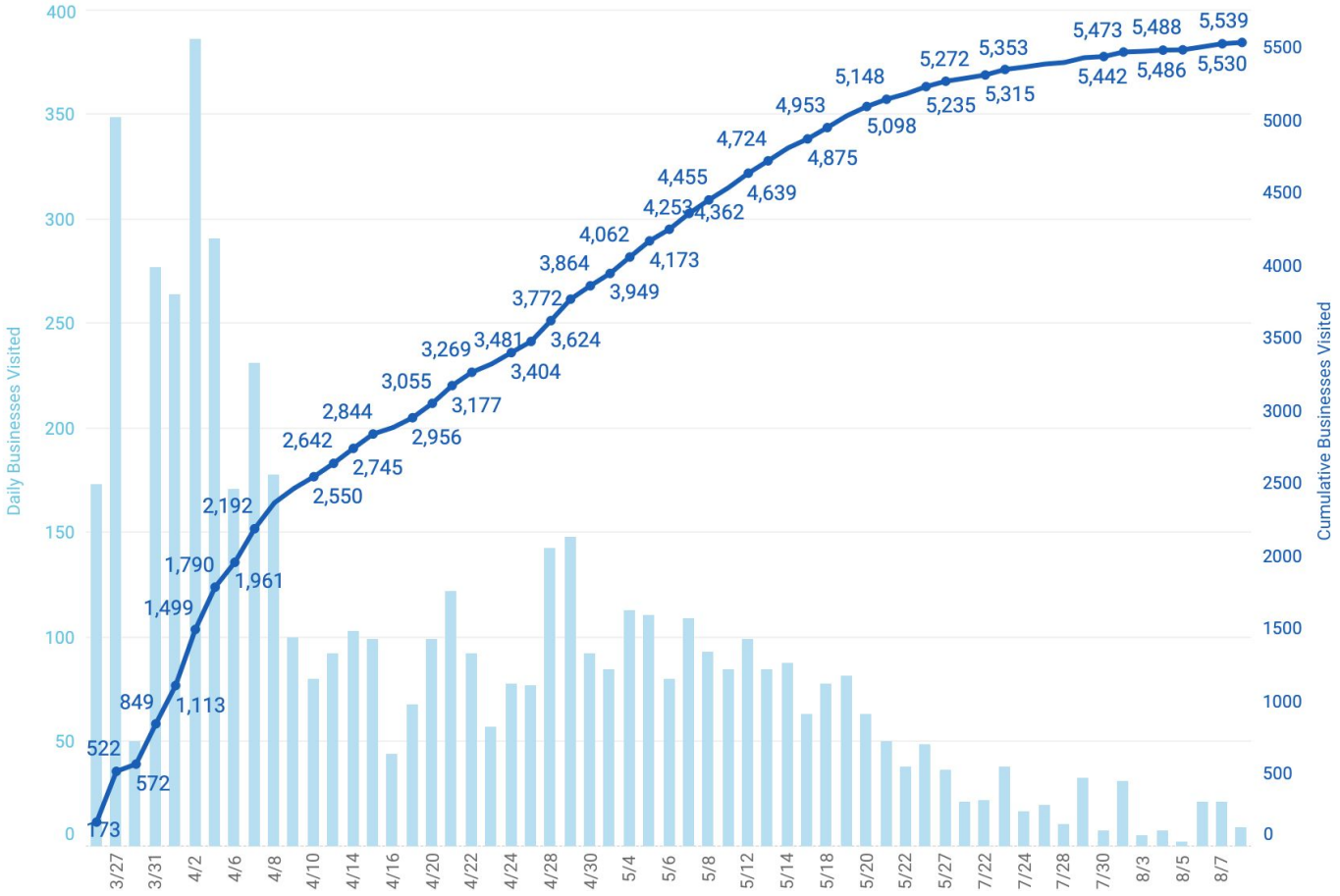
Mayor's Office Initiatives

Business Ambassadors: Visits

As of August 10, 2020 • Two day lag

Key Takeaways:
• At least 5,530 visits made as of 8/10*:

- DSW Visited Locations: 3,039
- LAPD Visited Applications: 2,500
- Complaint Applications: 106
- DWP Checks: 383
- DWP Shut Offs: 2

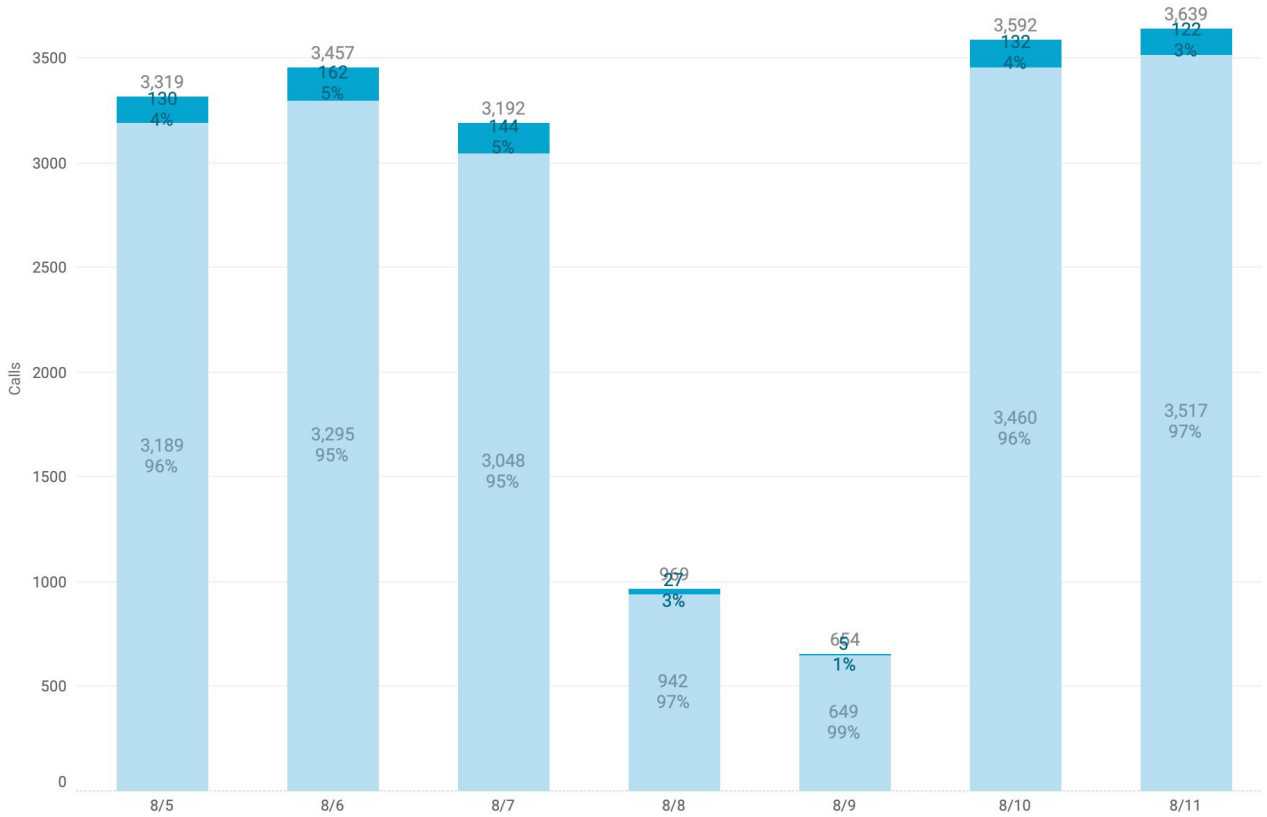


Source: City of Los Angeles
*Program on hold from May 29-July 21

Prepared by Mayor's Innovation Team

Hotline Services - 311 Calls

As of Aug 11, 2020 • One day lag



Source: ITA - 311 Contact Center

Prepared by Mayor's Innovation Team

Mayor's Resident Support Initiatives
Safety Net Programs

INITIATIVE	DEPTS & PARTNERS	RELIEF	IMPACT	NOTE
Senior Meals As of May 29, 2020	• FEMA • LADOA • Everytable • Local Restaurants	• **20,320** seniors have enrolled to receive meals • **20** restaurants are registered to deliver food so far, in addition to FEMA and Everytable	**20,320** individuals continue to receive 10 meals a week from the City	*New enrollments to this initiative are on pause due to capacity*
Mayor's Hotline As of May 29, 2020	• Mayor's Office	• **67** total volunteers answering calls • **946** volunteer shifts completed	**22,023** calls answered	*This program has been closed*
Angeleno Card As of June 30, 2020	• Mayor's Fund for Los Angeles	• **37,813** cards distributed • **$36,724,200** distributed	**104,122** individuals served	*This program has reached its capacity*

COVID-19 • Los Angeles City Overview

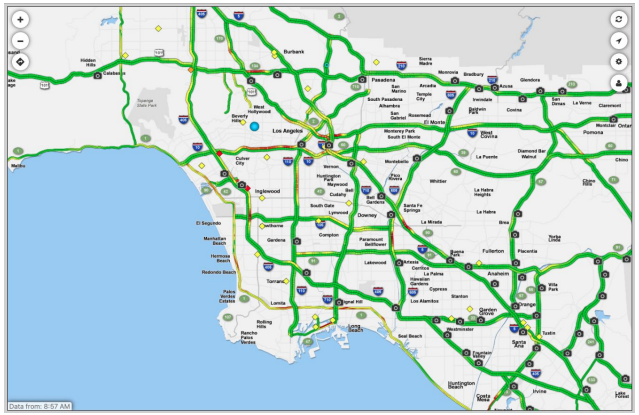
Behavior Analysis

Los Angeles Traffic

Continued increase to traffic but still lower than usual non-COVID levels of traffic

Tuesday 8/11, 5:28 PM

Wednesday 8/12, 8:57 AM



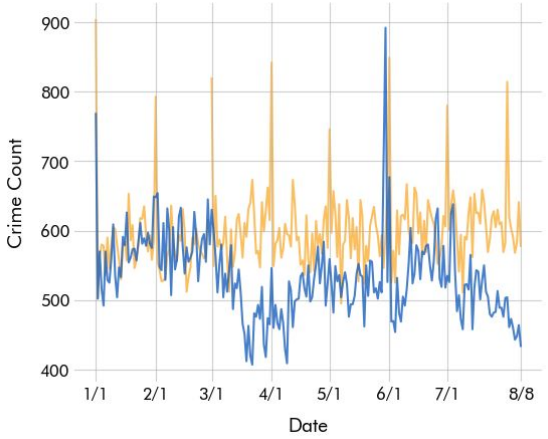
Source: SigAlert.com

BEHAVIORAL ANALYSIS
As of August 8, 2020 • 4 day lag

LA Arrest Data
Remains down over 2019 but less so in recent months

LOS ANGELES CRIME - 2020 VS. 2019

14.9% reduction in overall crime (sine 3/12/2020)

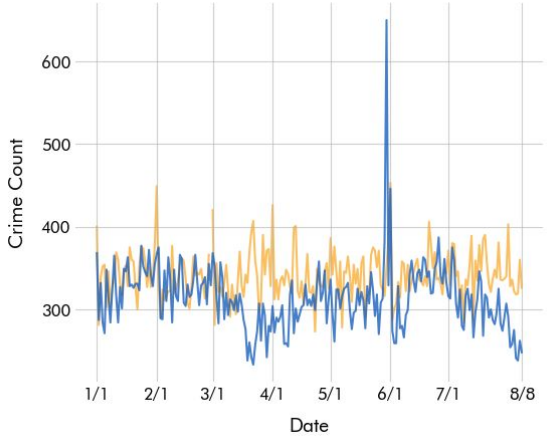


2020

2019

LOS ANGELES PART I CRIME - 2020 VS. 2019

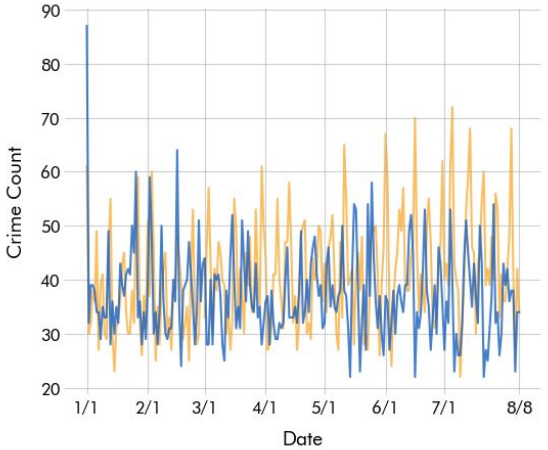
10.3% reduction in Part I Crime (since 3/12/2020)



"Part I" crime includes homicide, rape, robbery, aggravated assaults, burglary, larceny, vehicle theft and arson

LOS ANGELES DV CRIMES - 2020 VS. 2019

13.1% 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

Source: LAPD

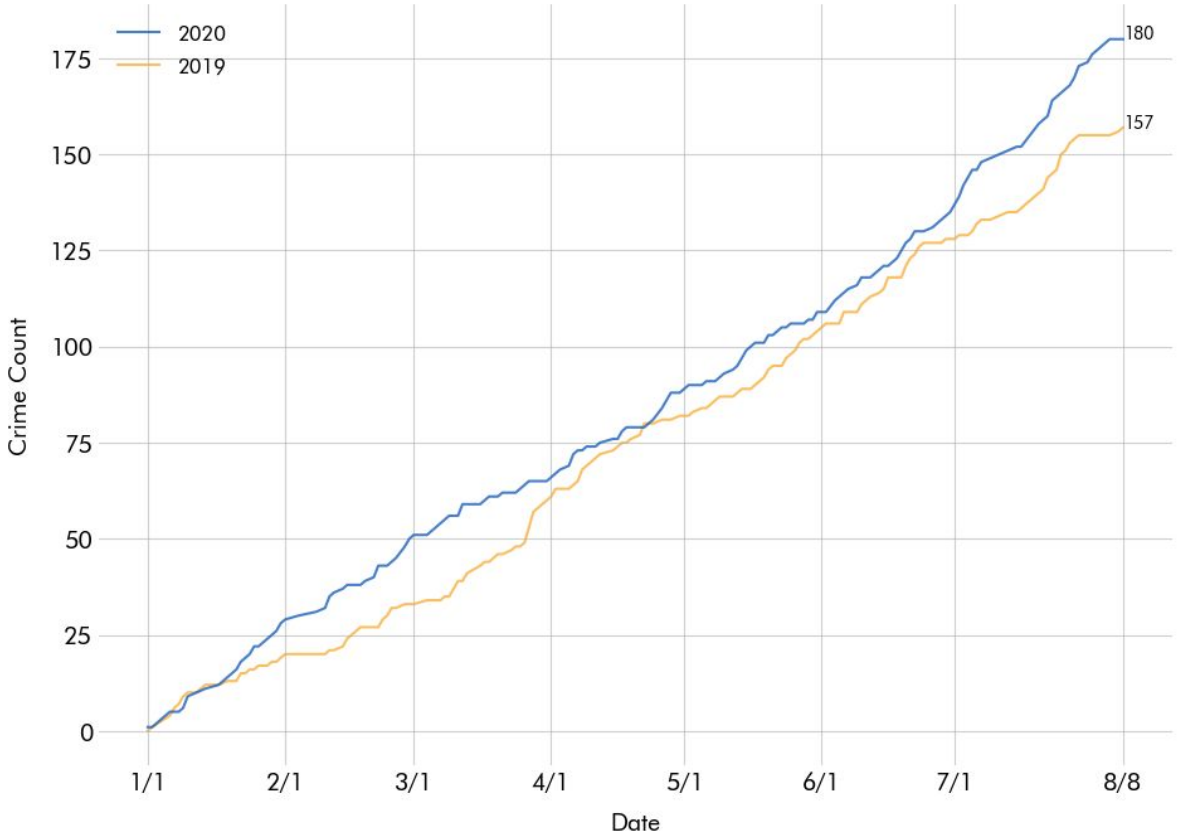
Prepared by Mayor's Innovation Team

Cumulative Homicides in the City of Los Angeles - 2020 vs 2019

As of August 8, 2020

Key Takeaways:

- Unlike most crime, homicides in Los Angeles are up in 2020 vs 2029
- Homicides are currently **14.6% 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.
- Since that point, homicides have risen 127.8%. In 2019, from 4/22 until 7/25, homicides only rose 96.2%



Source: LAPD

Prepared by Mayor's Innovation Team

Summary of Apple Mobility Data for Los Angeles

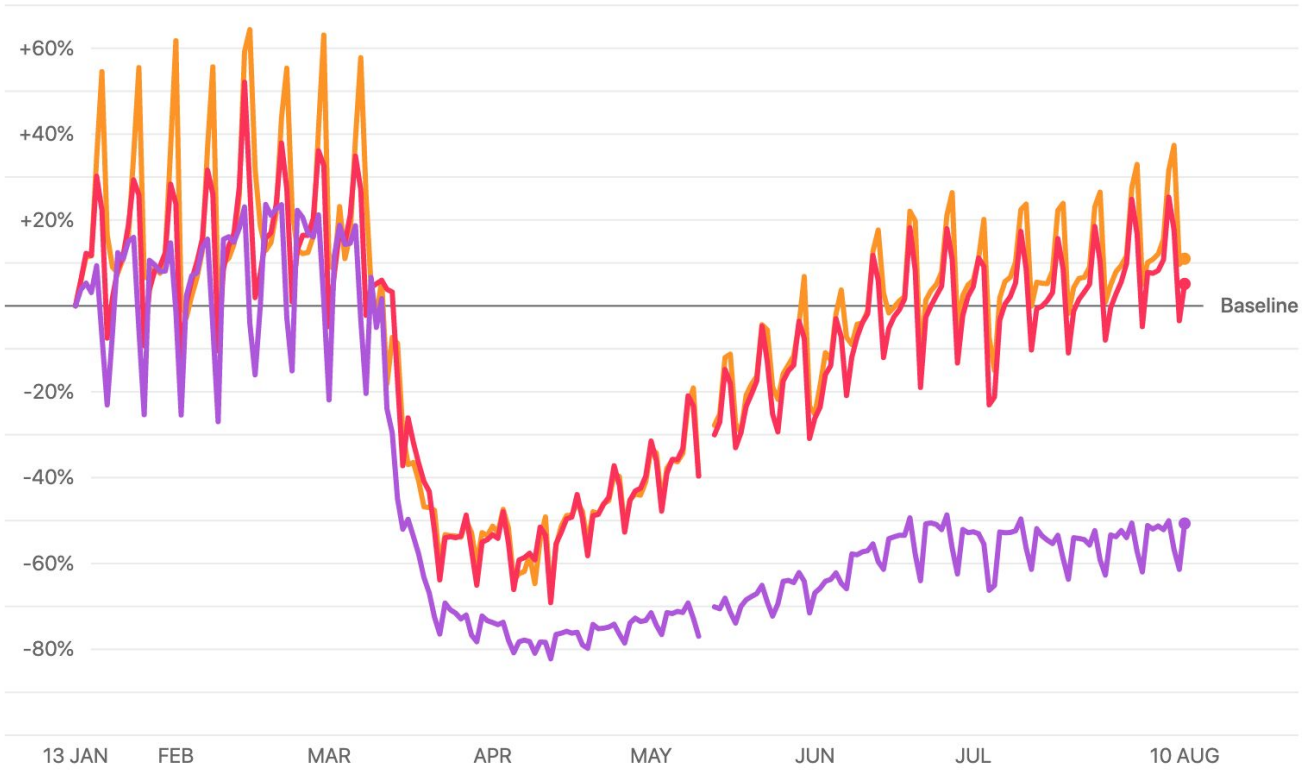
As of August 10, 2020 • Two day lag

Key Takeaways:

• Walking direction requests have increased by **11%**

• Driving direction requests have increased by **5%**

• Transit direction requests have decreased by **51%**



Walking +11%
Driving +5%
Public Transport -51%

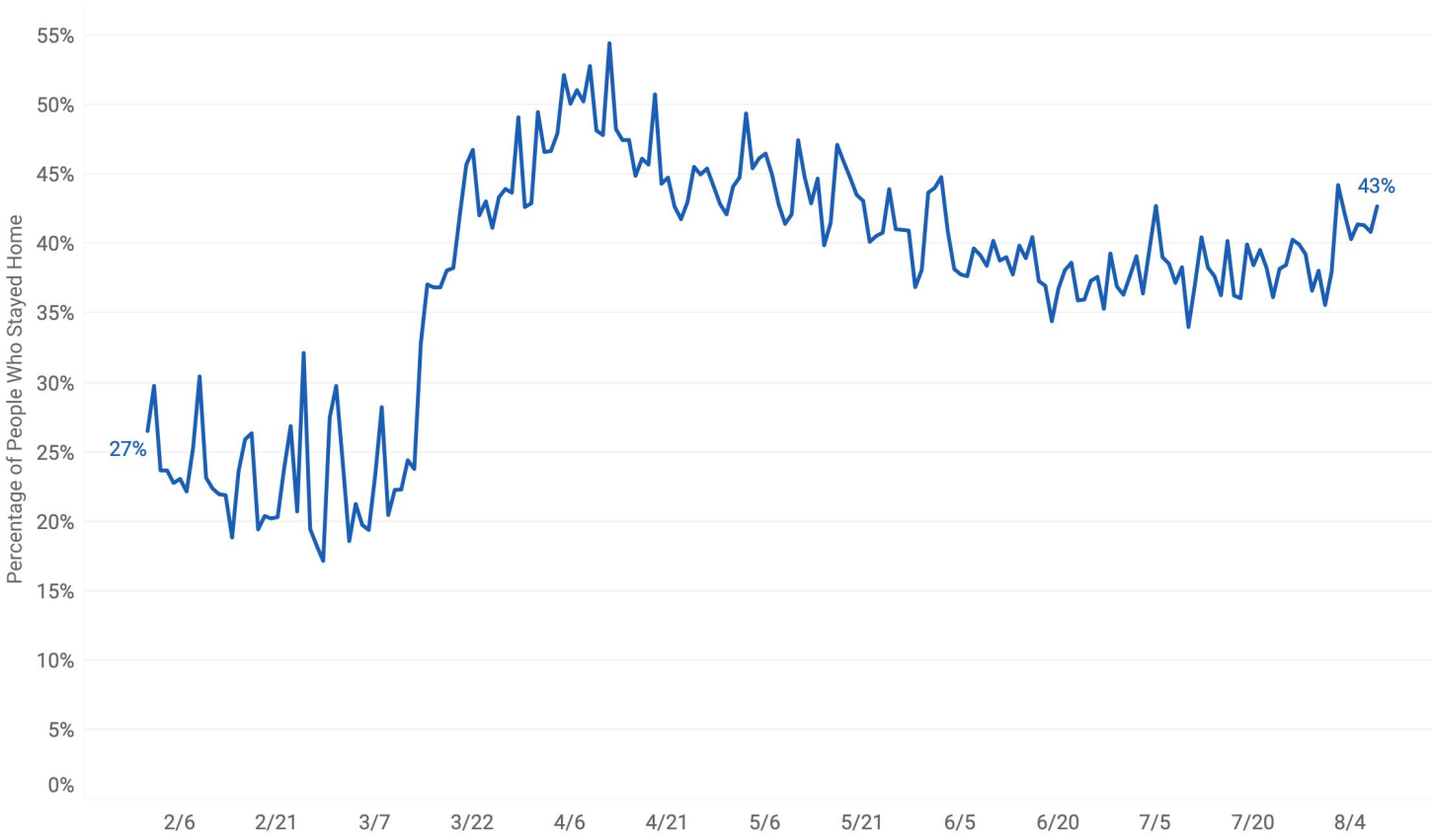
Source: Apple COVID-19 Mobility Trends Report

Summary of Safegraph Mobility Data

As of August 8, 2020 • Four day lag

Key Takeaways:
The percentage of people staying home **jumped significantly** during the weekend of 3/14 coinciding with closures of various public locations

As of 8/8, **43%** of residents were staying home



Source: Safegraph

COVID-19 • Los Angeles City Overview

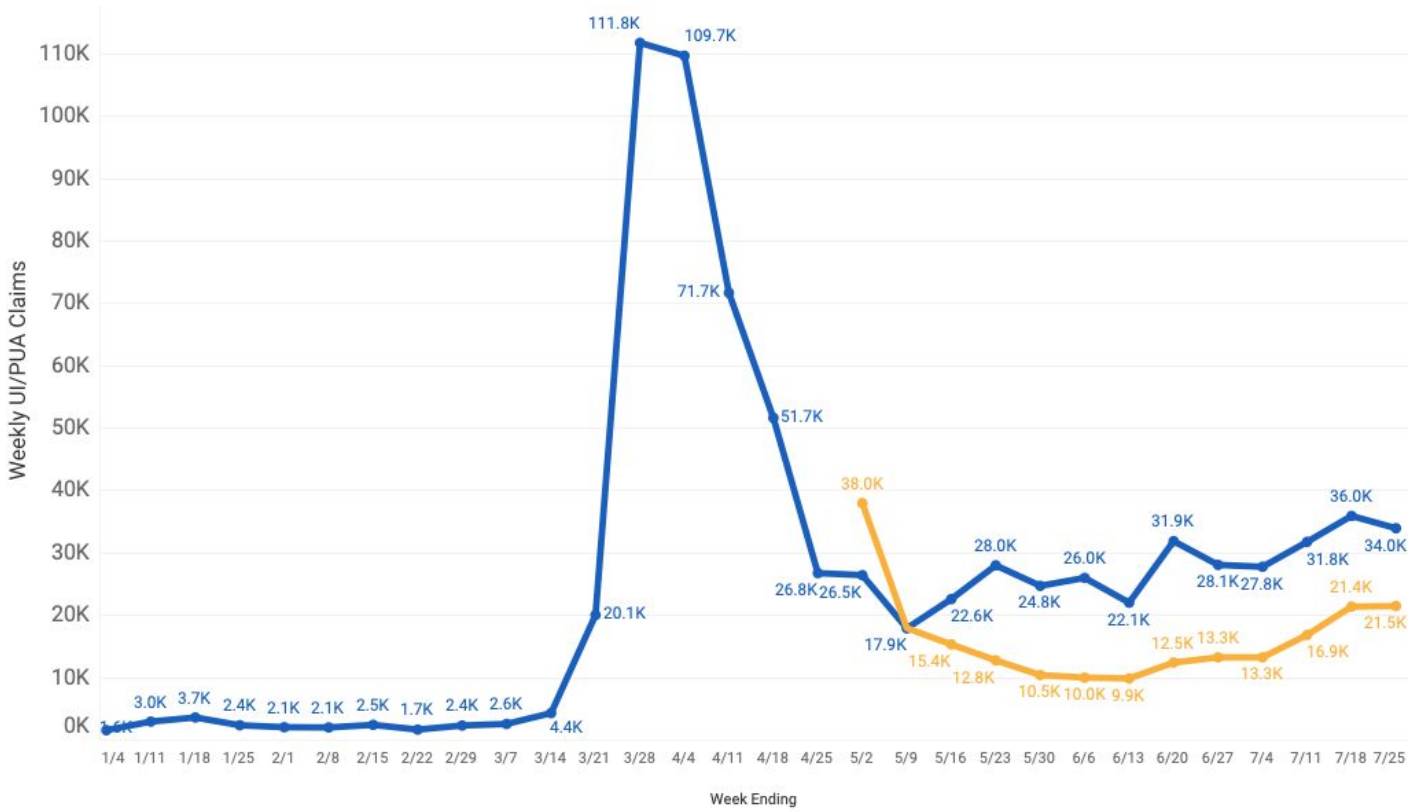
Economic Analysis

New Unemployment Insurance (UI) Claims for the City of Los Angeles

As of July 25, 2020

Key Takeaways:

- **55.5K** new claims from 7/19-7/25, 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



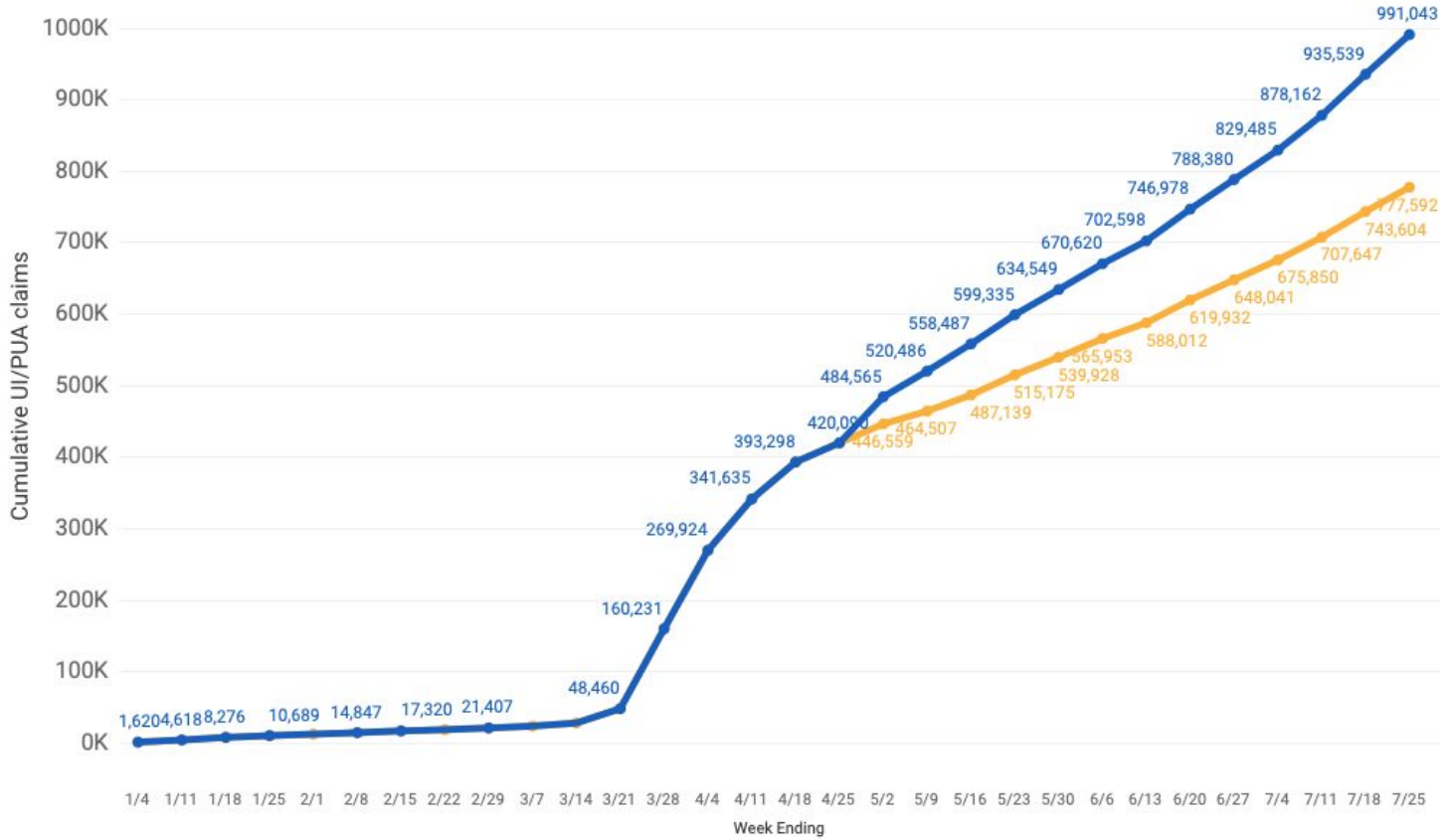
Source: California EDD

Prepared by Mayor's Innovation Team

Cumulative Insurance Claims for the City of Los Angeles
As of July 25, 2020

Key Takeaways:
• June unemployment (seasonally-adjusted) estimated at **19.4%** for LA County (19.8% for LA City). Both numbers are slightly lower than last month but much higher than the 2019 equivalent.

• **991.0K** total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020



Source: California EDD

Prepared by Mayor's Innovation Team

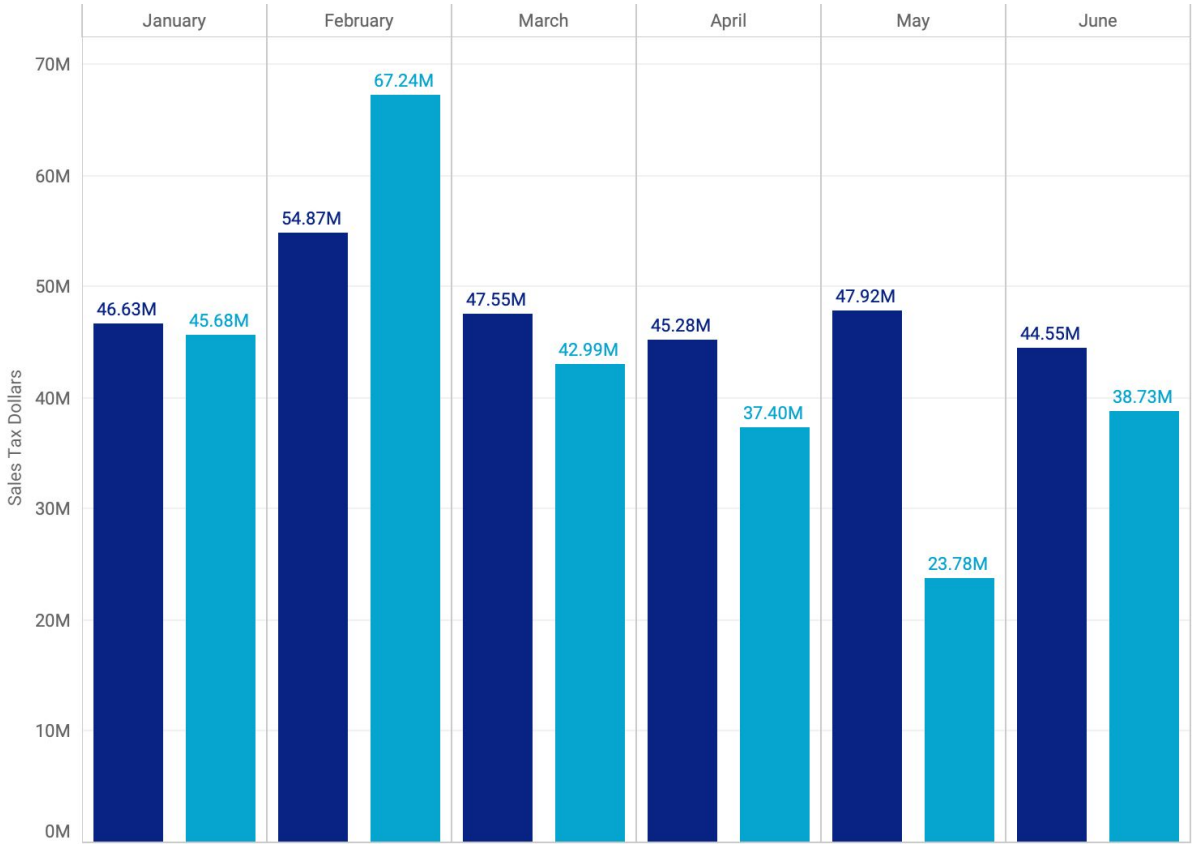
Cumulative Insurance Claims for the City of Los Angeles
As of June, 2020

% Change vs 2019: 10.8% decrease
- Jan to June 2019: **$286,795,773**
- Jan to June 2020: **$255,807,415**

% Change for COVID-19 months: 22.9% decrease
- March to June 2019: **$185,288,346**
- March to June 2020: **$142,891,410**

Key Takeaways:
Sales Tax Revenues from 2019-2020

- June 2020 decreased by **13.1%**
- May 2020 decreased by **50.4%**
- April 2020 decreased by **17.4%**
- March 2020 decreased by **9.6%**
- February 2020 increased by **22.5%**
- January 2020 decreased by **2.1%**



Source: California EDD

Prepared by Mayor's Innovation Team

COVID-19 • CITY OF LOS ANGELES

Actions to Date

March 12 - 19

12 March Thursday
- Mayoral Directive limits public gatherings and closes City Hall to public

13 March Friday
- LAUSD announces closure of schools

14 March Saturday
- LA's public libraries close

15 March Sunday
- City orders closures of dine-in rest., gyms, theaters, perf. venues and bars without food service
- Mayor orders moratorium on residential evictions

16 March Monday
- LAUSD closes all schools

17 March Tuesday
- Mayor places temporary halt on parking enforcement, reduces citations

18 March Wednesday
- Mayor orders moratorium on commercial evictions
- Announces economic relief package for small businesses

19 March Thursday
- Mayor announces City plans to support homeless residents
- Mayor Activates Disaster Service Worker program
- Add 1,600 emergency shelter beds using recreation centers and 6,000 Red Cross beds
- Partner with Council to use $20M emergency relief

ACTIONS TO DATE
City of Los Angeles Timeline

March 20 - 27

20 March Friday	Mayor issues **Safer At Home** emergency Order	City launches: Help Desk Hotline, COVID-19 testing portal, LA Jobs Portal		
21 March Saturday	Mayoral Directive tolling deadlines prescribed in the Municipal Code			
22 March Sunday	Mayor confirms **Safer At Home** will be strictly enforced	Sports and recreation closed at parks and beaches		
23 March Monday	Moratorium on Ellis Act/ no fault evictions	Allow alcohol delivery	Establish a moratorium on LADWP shutoffs	Relaxed parking enforcement on commercial vehicles
24 March Tuesday	MFLA launches Angeleno Campaign and **L.A. COVID-19 Emergency Response Fund**	Creation of **Emergency Medical Corps**		
25 March Wednesday	Authorized departments to streamline emergency expenditures	Relaxed vehicle registration & DL violation enforcement		
26 March Thursday	Launched **Get Connected**			
27 March Friday	Mayor announces Formation of **LA Protects**	5 additional emergency shelters at recreation centers	USNS Navy hospital ship arrives	

Prepared by Mayor's Innovation Team

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

ACTIONS TO DATE
City of Los Angeles Timeline

March 28 - April 5

28 March Saturday	Mayoral order protecting renters from eviction during emergency; 12 months after emergency to pay back rent		
29 March Sunday	Convention Center transformed to emergency hospital	900+ motel/hotel rooms for homeless Angelenos	
30 March Monday	Farmers' Mkts closed pending plans	Suspending all RSO rent increases	
31 March Tuesday	Mayoral order requiring construction sites to develop COVID plans	Expanded testing sites	
1 April Wednesday	Mayor recommends use of masks (**LA Protects**)	Shutting off power/water to non-compliant non-ess. businesses	2K tests now available daily
2 April Thursday	Traffic lights set to night schedule	LAUSD mental health hotline	Temp food pick-up zones
3 April Friday	Launch of **VolunteerLA**		
4-5 April Saturday & Sunday	USC begins 3D printing PPE		

April 6 - 12

6 April Monday	Testing expanded to all with COVID symptoms			
7 April Tuesday	Order issuing supplemental paid sick leave	Essential workers to wear face coverings by 4/10	Order protecting grocery, drug retail, and food delivery workers	Essential businesses to prepare And post social distancing protocols for each of their facilities by 4/15
8 April Wednesday	Launch of **LA CareCorps**	Closed parks on Sunday (4/12)		
9 April Thursday	Mobile testing for nursing and assisted living facilities	Expanding sanitation services		
10 April Friday	Launched the **LA Emergency Child Care Connection**	**Safer At Home** extended to 5/15		
11-12 April Saturday & Sunday	Streets L.A. is shifting street paving and some street sweeping from residential streets to major corridors			

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

ACTIONS TO DATE
City of Los Angeles Timeline

April 13 - 20

13 April Monday	Launched Covid Myths webpage	Release Mayor's Data Deck of key metrics used to inform City's COVID-19 response	
14 April Tuesday	Testing milestone: more than 50K tests performed. Same/next day test available to all with symptoms	Relaxed parking and vehicle registration enforcement extended to match Safer at Home order	Metro to adhere to "modified Sunday" schedule
15 April Wednesday	Created the Emergency Senior Meals Response program	Launched the Global Mayor's COVID-19 Recovery Task Force	Established new study on antibody and immunity testing
16 April Thursday	Announced relaxed timeframe for businesses inside LAX to pay rent		
17 April Friday	Launched trailer program to house homeless Angelenos who are at high risk of COVID-19	Announced new deployment of street medical teams to fight COVID-19 among Angelenos experiencing homelessness	
18-19 April Saturday & Sunday	During SOTC, announced Furloughs for city workers		
20 April Monday	Announced partnership with Fox to provide free meals to residents with disabilities		

ACTIONS TO DATE
City of Los Angeles Timeline

April 21 - 28

21 April Tuesday	Announced City Council to consider legislation to ensure laid off and furloughed workers can be first in line to get their jobs back		
22 April Wednesday	Launched LA Protects Business Ambassador Program	Testing available to all critical workers, regardless of symptoms	
23 April Thursday	Free monthly testing at nursing facilities, for both workers and residents	Signed anti-price gouging measure	
24 April Friday	Emergency order requiring monthly COVID-19 testing for all employees and residents at nursing facilities		
25 -26 April Saturday & Sunday	Cooling centers available for heatwave, social distancing protocols to be followed		
27 April Monday	Scaled senior meals program with workers from the restaurant and taxicab industry	Neighborhood Councils now have resources to resume public meetings virtually beginning 5/1	COVID-19 testing expanded to asymptomatic individuals in transportation, such as delivery, rideshare, and taxi drivers
28 April Tuesday	Announced partnership with Honeywell to purchase 24 million N95 masks	Asymptomatic testing new available to construction workers	Partnership to make it easier for Angelenos to open an affordable bank or credit union account in order to receive their stimulus money more quickly

ACTIONS TO DATE
City of Los Angeles Timeline

April 29 - May 6

29 April Wednesday	COVID-19 testing available to all LA County residents, within City limits, regardless of symptoms	Signed ordinances that will ensure Workers who have lost their jobs are first in line once re-hiring begins	
30 April Thursday	Graduating HS seniors have access to counselors to navigate the college signing processes		
1 May Friday	Appointed Capri Maddox to serve as the Chief of COVID Response Equity		
2 & 3 May Saturday and Sunday	*No updates pertaining to COVID-19*		
4 May Monday	Opened two additional testing sites, adding a fourth to the Valley and a fifth to South LA; operating hours extended to 5pm	Secured large hotel in DTLA for Project Roomkey; will add 460 new rooms and bring 100 people back to work	
5 May Tuesday	Launched LA Represents to provide pro bono legal services to Angelenos facing hardships caused by COVID-19		
6 May Wednesday	Modified SAH Order to allow some retailers to reopen for curbside pickup; reopen City hiking trails (minus Runyon) and golf courses; car dealership showrooms. Reflects new stage: Safer L.A.	All LADOT riders now required to wear face coverings	All travelers at LAX now required to wear face coverings

May 7 - 18

7 May Thursday	LADWP will not shut off service for non-payment for the rest of the year	Law signed that would prohibit landlords from using coercion, intimidation or fraud to get their renters' stimulus checks	Metro will require all riders to wear face coverings beginning 5/11
8 May Friday	Launched working groups in key industries to monitor progress and offer recommendations on how to safely expand services	Partnering with 15 underutilized restaurants to provide meals to seniors	
9–12 May Saturday – Tuesday	*No updates pertaining to COVID-19*		
13 May Wednesday	All Angelenos, except small children and those with disabilities, are required to wear face coverings when in public	Beaches are reopened for active use only; additional facilities, such as tennis courts and community gardens, will reopen this weekend	
	Announced that the City will begin its Slow Streets program this weekend	Announced the expansion of the City's Emergency Child Care Connection program to support our emergency workforce	
14–18 May Thursday – Monday	*No updates pertaining to COVID-19*		

19 May Tuesday

In the City of L.A., retail and mobile pet grooming and training are allowed to operate. All car washes are now reopened

Project Roomkey updates: a second hotel in DTLA, adding 150 rooms, and a hotel in Mid-City, adding 100 rooms, are now participating in the program. Total available rooms across the county is now more than 3,500

20 May Wednesday

City of L.A. made it easier for companies to receive funding through its microloan program. EWDD will prioritize loans that were previously denied and reassess them based on the new standards for eligibility

21 May Thursday

No updates pertaining to COVID-19

22 May Friday

City of L.A. opened its parking lots at Cabrillo and Venice Beach, including bike paths

The Slow Streets program expanded to include a site in Eagle Rock and another in Mid-City

Two recreation zones were opened along the L.A. River

Announced a new testing site at Dodger Stadium that will open on 5/26 and be able to test up to 6,000 people per day

23–25 May Saturday-Monday

No updates pertaining to COVID-19

May 26 - June 5

26 May
Tuesday

- Announced that all retail establishments may reopen for in-person shopping, provided they adhere to new safety measures
- The testing site at Dodger Stadium opened to the public
- Announced that houses of worship are permitted to reopen with restrictions on maximum capacity
- Runyon Canyon reopened with several new safety measures

27-28 May
Wednesday-Thursday

No updates pertaining to COVID-19

29 May
Friday

- Announced that restaurants, barbershops, and hair salons may reopen
- Announced that office-based businesses may reopen, but only if telework is not possible
- Launched **L.A. Al Fresco**—a new program to encourage outdoor seating at restaurants
- Business Ambassadors program placed on hold

30 May - 4 June
Saturday-Thursday

No updates pertaining to COVID-19

5 June
Friday

- Signed a City Council ordinance that temporarily caps the fees charged by delivery app companies to no more than 15% of the cost of the order

June 6 - 23

6-9 June
Saturday-Tuesday

No updates pertaining to COVID-19

10 June
Wednesday

- Announced large-scale reopening, effective 6/12. Gyms/fitness centers, museums, aquariums, galleries, hotels, and day camps/campgrounds may reopen
- Announced the deployment of more than 300 City Disaster Service Workers to serve as contact tracers
- Beginning 6/12, professional sports can resume without spectators
- Beginning 6/12, film, TV, and music production may resume

11-18 June
Thursday-Thursday

No updates pertaining to COVID-19

19 June
Friday

- Aligned the City's Safer at Home order with State guidance and the County Public Health order
- Cardrooms, racetracks, and personal care establishments, such as nail and tanning salons, are allowed to reopen
- Bars, wineries, and tasting rooms are permitted to reopen

20-23 June
Saturday-Tuesday

No updates pertaining to COVID-19

June 24 - 28

24 June
Wednesday

- Announced that the City will transition to a facilitator of partnerships rather than a provider of tests
- Signed the Emergency Renters Relief Fund passed by Council into law, which will provide up to $2,000 to households impacted hardest by COVID-19
- Mayor Garcetti directed the City to scale testing to meet the heightened demand this week

25 June
Thursday

- *No updates pertaining to COVID-19*

26 June
Friday

- Announced the second phase of L.A. Al Fresco, the City's initiative to help local restaurants and sidewalk vendors safely reopen for outdoor dining

27 June
Saturday

- *No updates pertaining to COVID-19*

28 June
Sunday

- Bars, wineries not anchored to food services are again closed

ACTIONS TO DATE
City of Los Angeles Timeline

June 29 - July 12

29 June
Monday

Beaches, piers and beach bike paths will be closed over the July 4 weekend from 7/3-7/6. Firework displays are prohibited to discourage gatherings

Announced that the City has paused on opening more businesses—such as movie theaters, bowling alleys, arcades, playgrounds for children, concert halls, theme parks, and other entertainment venues

30 June
Tuesday

No updates pertaining to COVID-19

1 July
Wednesday

Modified reopening: indoor dining will no longer be allowed for at least three weeks

Launched color-coded COVID-19 threat indicator that will post the risk of COVID-19 infection

Activated VolunteerLA's Disaster Service Worker Volunteer Program to promote business compliance with new protocols

2-7 July
Thursday-Tuesday

No updates pertaining to COVID-19

8 July
Wednesday

Announced the Emergency Renters Relief Fund, which allocates $100 million dollars to provide financial relief for renters impacted by COVID-19

Announced that the City has secured a hotel just outside of DTLA, bringing the total number of emergency hotel and motel rooms to nearly 3,900 across the County

9-12 July
Thursday-Sunday

No updates pertaining to COVID-19

July 13 - July 29

13 July
Monday

- Announced that the City has closed indoor gyms, fitness centers, places of worship, malls, hair salons, barbershops, personal care services such as nail salons, tattoo parlors and massage therapy locations
- Announced that the City will be increasing visits to businesses and following up on complaints to ensure compliance with the new restrictions

14-21 July
Tuesday-Tuesday

No updates pertaining to COVID-19

22 July
Wednesday

- Announced that the Business Ambassadors program has resumed operations
- Launched the L.A. Mask Print Project—a grassroots initiative to encourage mask compliance through open-source art in collaboration with local artists and businesses

23-28 July
Thursday-Tuesday

No updates pertaining to COVID-19

29 July
Wednesday

- Announced the Travel Safely Ambassador program at LAX. The program will provide free masks to those who need them, as well as fact sheets detailing all of the safety measures in place

July 30 - Present

30 July-5 August
Thursday-Tuesday

No updates pertaining to COVID-19

6 August
Wednesday

Mayor Garcetti announced the City would shut off L.A. Department of Water and Power services at houses, businesses and other venues hosting large gatherings.

7-11 August
Thursday - Tuesday

No updates pertaining to COVID-19

12 August
Wednesday

Today

13 August
Thursday

End of Report
August 12, 2020