Daily Los Angeles COVID-19 Data Summary

Monday July 13, 2020 – Response Day 123
Prepared By: City of Los Angeles, Mayor Garcetti's Innovation Team
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Data Snapshot
## Los Angeles County Key Metrics Trends
As of July 13, 2020

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

The following metrics have seen **desirable** movement over the past seven days: COVID+ Test Rate (vs baseline), New Deaths (vs baseline), ICU Capacity (vs last week), and Crime

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### METRICS
<table>
<thead>
<tr>
<th>METRICS</th>
<th>CURRENT TREND VS LAST WEEK</th>
<th>% CHANGE VS LAST WEEK</th>
<th>CURRENT TREND VS BASELINE</th>
<th>% CHANGE VS BASELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (7-day avg.)</td>
<td></td>
<td>+25.2%</td>
<td></td>
<td>+171.0%</td>
</tr>
<tr>
<td>New Deaths (7-day avg.)</td>
<td></td>
<td>+40.8%</td>
<td></td>
<td>-15.3%</td>
</tr>
<tr>
<td>COVID Positive Test Rate (LA City sites)</td>
<td></td>
<td>+0.3%</td>
<td></td>
<td>-1.7%         COVID+ Test Rate is % Difference w/ last week</td>
</tr>
<tr>
<td>New Hospitalizations (7-day avg)</td>
<td></td>
<td>+2.6%</td>
<td></td>
<td>+16.5%</td>
</tr>
<tr>
<td>Acute Care Bed Capacity (7-day avg)</td>
<td></td>
<td>-25.3%</td>
<td></td>
<td>-53.2%</td>
</tr>
<tr>
<td>ICU Bed Capacity (7-day avg)</td>
<td></td>
<td>+7.0%</td>
<td></td>
<td>-48.6%</td>
</tr>
<tr>
<td>Crime (7-day avg)*</td>
<td></td>
<td>-8.4%</td>
<td></td>
<td>-19.4%</td>
</tr>
<tr>
<td>Unemployment Ins. Claims</td>
<td></td>
<td>+44.7%</td>
<td></td>
<td>+1099%</td>
</tr>
</tbody>
</table>

*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.
Crime is based on 7-day average comparisons between time periods for 3 days prior to the current date. UI claims lag by approximately one week.
## CITY RESPONSE HIGHLIGHTS

**AS OF JULY 13, 2020**

<table>
<thead>
<tr>
<th></th>
<th>LOS ANGELES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong></td>
<td>2,593</td>
<td>199,328</td>
</tr>
<tr>
<td><strong>New Deaths</strong></td>
<td>13</td>
<td>4,187</td>
</tr>
<tr>
<td><strong>Total Cases</strong></td>
<td>136,129</td>
<td>13M</td>
</tr>
<tr>
<td><strong>Total Deaths</strong></td>
<td>3,822</td>
<td>570.4K</td>
</tr>
</tbody>
</table>

### COVID-Related 311 Calls
- **COVID-related calls**: 311
- **Non-COVID related calls**: 311
- **Average wait**: 3.4 mins

### COVID RELATED CALL THEMES - 7/10 to 7/12
- Financial assistance – Rent Help, Senior Meals
- Testing and results
- Parking
- Reopening businesses, Restrictions

<table>
<thead>
<tr>
<th></th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Cases</strong></td>
<td>6,680</td>
<td>57,208</td>
</tr>
<tr>
<td><strong>New Deaths</strong></td>
<td>36</td>
<td>371</td>
</tr>
<tr>
<td><strong>Total Cases</strong></td>
<td>326.2K</td>
<td>3.3M</td>
</tr>
<tr>
<td><strong>Total Deaths</strong></td>
<td>7,053</td>
<td>135.4K</td>
</tr>
</tbody>
</table>

### L.A. TESTING UPDATES
- **Tests Performed**: 3,482
- **Available City Testing Capacity**: 15.7K
- **Tests Performed Since 3/20**: 1.1M
- **Total City Sites**: 7

### BEHAVIORAL MONITORING
- **Overall**: Yellow
- **SIG Alert Traffic Patterns**

### BEDS
- **Total Beds**: 766
- **Acute Care Beds**: 625
- **ICU Beds**: 141
- **Ventilators**: 1,128

### SHELTERS
- **Tier 1 Housing - Emergency Hotels/Motels Countywide**: 49.0%
- **Tier 2 Housing - Isolation and Quarantine Hotels/Motels Countywide**: 92.0%

*Last few days 311 employees had to take two mandatory training classes that were only offered this week, and the lack of available agents resulted in longer wait time*
Detailed Data Report
COVID-19 US Cases and Deaths
As of July 13, 2020 at 2:25PM

New York still has the most cases, but the South is now an epicenter, particularly Florida and Texas. The top five states, based on total cases, include:

#1: 402.3K cases in New York State (+0.6K) - 2058 per 100K
25.0K deaths in New York State (+10) - 127.9 per 100K

#2: 326.2K cases in California (+6.7K) - 825 per 100K
7.1K deaths in California (+36) - 17.8 per 100K

#3: 282.4K cases in Florida (+12.6K) - 1326 per 100K
4.4K deaths in Florida (+35) - 20.6 per 100K

#4: 264.3K cases in Texas (+5.7K) - 920 per 100K
3.2K deaths in Texas (+43) - 11.3 per 100K

#5: 175.5K cases in New Jersey (+0.2K) - 1970 per 100K
15.6K deaths in New Jersey (+19) - 174.7 per 100K

Rounding out the top ten are: Illinois, Arizona, Georgia, Massachusetts, Pennsylvania

California ranks ...
#2 in Cases
#27 in Cases per 100K
#5 in Deaths
#29 in Deaths per 100K

Source: New York Times, using state and local health agencies, hospitals, CDC data, COVID tracking project, Johns Hopkins University
COVID-19 US Cases - Per Capita County Comparison (Counties >300K ppl)

As of July 12, 2020 (one day reporting lag)

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

- **Rockland, New York** (NYC Metro Area): **4210 cases** per 100K
- **Westchester, New York** (NYC Metro Area): **3648 cases** per 100K
- **Passaic, New Jersey** (NYC Metro Area): **3400 cases** per 100K
- **Nassau, New York** (NYC Metro Area): **3118 cases** per 100K
- **Union, New Jersey** (NYC Metro Area): **2966 cases** per 100K

- **Los Angeles, California**: 1330 cases per 100K
  (Los Angeles County ranks #62 out of 229 counties with 300K+)

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

- **New York City, New York**: **279.3 deaths** per 100K
- **Essex, New Jersey** (NYC Metro Area): **259.1 deaths** per 100K
- **Passaic, New Jersey** (NYC Metro Area): **242.9 deaths** per 100K
- **Union, New Jersey** (NYC Metro Area): **241.4 deaths** per 100K
- **Hudson, New Jersey** (NYC Metro Area): **220.4 deaths** per 100K

- **Los Angeles, California**: 37.9 deaths per 100K
  (Los Angeles County ranks #77 out of 229 counties with 300K+)

Source: New York Times, using state and local health agencies, hospitals, CDC data, COVID tracking project, Johns Hopkins University
COVID-19 Los Angeles County Total Cases and Total Deaths, Past 7 Days
As of July 13, 2020, Noon

Key Takeaways:
Los Angeles County currently has a 2.8% mortality rate.

New cases number for 7/7 include around ~2K backlogged cases from a single lab covering the time period from 7/2-7/5. Results for 7/8 do not include results for this same lab.

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 New Cases
As of July 13, 2020, Noon

Key Takeaways:
The past seven days have seen an average daily increase of 2,827 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.

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.
Key Takeaways
Yesterday saw a case increase of 1.9%

The past seven days have seen an average daily case increase of 2.2%

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 Deaths
As of July 13, 2020, Noon

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

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 Death Increase
As of July 13, 2020, Noon

Key Takeaways:
Yesterday saw a death increase of 0.3%

The past 7 days have seen an average daily death increase of 1.1%

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 Cases and Total Deaths, 7-Day Average**
**As of July 13, 2020, Noon**

**Key Takeaways:**
The past seven days have seen an average daily increase of 2,827 new cases

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

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*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.*
Cases: Los Angeles vs. California
As of July 13, 2020, 1:00 PM

Key Takeaways:
- 6,680 new cases reported in CA since yesterday (2.1% increase)
- LA County has 41.73% of cases in CA with 2,593 new cases (1.9% increase)
- The City of LA has 17.35% of cases in CA with 964 new cases (1.7% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times. Day of outbreak is identified as March 11th, with prior cases aggregated to day 1.
Key Takeaways:
• **36** new deaths reported in CA from 7/12 to 7/13 (**0.5%** increase)

• LA County has **54.2%** of deaths in CA with **13** new deaths from 7/12 to 7/13 (**0.3%** increase)

• The City of LA has **25.9%** of deaths in CA; **6** new deaths reported from 7/12 to 7/13 (**0.3%** 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.
COVID Cases and Death Demographics
As of July 11, 2020 (two-day lag)

Key Takeaways:
- Data is incomplete with 39.5% of cases and 0.5% of deaths still under investigation
- People 18-65 are overrepresented in cases
- Seniors, Men, Asian Americans, and African Americans are overrepresented in deaths
- 3,548 out of 3,809 deaths had comorbidities (underlying conditions) (93.1%)

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 July 11, 2020
(two-day lag)

Key Takeaways:
From 5/1 to 7/11

- Hispanic/Latino share increased by 6.9%
- White share decreased by 2.6%
- Asian share decreased by 2.9%
- Black share decrease by 1.1%
- Other Races share decreased by 0.1%
- Native Hawaiian/Pacific Islander share decreased by 0.1%
- American Indian/Alaska Native share increased by 0.1%

Source: Los Angeles County Department of Health
*Missing cases/deaths data by demographic from 7/2-7/3
Cases & Deaths by Age
As of July 11, 2020
(two-day lag)

CASES BY AGE - 3/18 to 7/11

DEATHS BY AGE - 3/28 to 7/11

Source: Los Angeles County Department of Health
*Missing cases/deaths data by demographic from 7/2-7/3
City of Los Angeles*
Test Performed
As of July 12, 2020
(one-day lag)

Key Takeaways:
• At least 1,057,140 tests have been performed at City of Los Angeles portal sites since 3/20

• In LA County overall, at least 1,336,681 tests have been performed in the County of Los Angeles since 3/20

• At least 3,482 tests were performed on 7/12

• 36,531 of the 636,041 results received were positive (5.9%)

• NOTE: Several testing sites were closed on the holiday weekend

Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers. Testing numbers also include sites outside City of Los Angeles boundaries, which are managed by the LA City portal.
City of Los Angeles* Tests Performed vs Positive Rate
As of July 12, 2020 (one-day lag)

Key Takeaways:
• The positive testing rate for City of LA sites peaked on 4/27 with a rate of 7.8%
• The positive testing reached its lowest rate of 4.3% on 5/31
• The current positive rate is 5.9% and trending upward

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 Tests Performed vs Positive Rate
As of July 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 positive rate as of 7/11 is 9.2%
• The 7-day average positive rate as of 7/11 is 12.8%

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.
Positive Test Rate - Los Angeles City vs County
As of July 11, 2020
(one-day lag)

Key Takeaways:
- Since their respective minimums in late May

LA County’s positive rate has increased 1.2 percentage points to 9.2%

LA City’s positive rate has increased 1.5 percentage points to 5.9%

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.
Hospitalized COVID-19 Patients
As of July 12, 2020 (one-day lag)

Key Takeaways:
• 2,103 currently hospitalized patients*
• Since 7/6, there has been a 4.9% increase 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
Daily Hospital Admissions
As of July 11, 2020
(two-day lag)

Key Takeaways:
• At least **10,744 people** have been hospitalized since 3/18

• **179 new hospitalizations** as of 7/10 (2.0% increase)*

*No new deaths data available for 7/11
Daily Hospital Admissions, 7-Day Average
As of July 10, 2020 (three-day lag)

Key Takeaways:
• An average of 181 people were hospitalized daily due to COVID-19 between 7/4-7/10
• The new 7-day rolling average increased by 2.6% compared to last week’s average

Source: Los Angeles County Department of Health
Hospital Bed and Equipment Capacity for LA County
As of July 12, 2020

Key Takeaways:
766 total beds

Since last week, there has been a:
• 4.3% decrease in available acute care beds. Surge capacity is 11,482

• 8.4% decrease in available ICU beds. Surge capacity is 4,067

• 5.9% decrease in available ventilators. Surge capacity is 3,199

Source: County HavBed Bed Tracking and Los Angeles County Department of Health Services
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 July 12, 2020 (one-day lag)

ICU BEDS

ACUTE CARE BEDS

Source: County HavBed Bed Tracking and Los Angeles County Department of Health Services
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 July 12, 2020 (one-day lag)

**VENTILATORS**

Source: County HavBed Bed Tracking and Los Angeles County Department of Health Services
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals
Hotline Services - 311 Calls
As of July 12, 2020, 7:00 PM

Source: ITA - 311 Contact Center
Are People Staying Safer at Home?
Los Angeles Traffic
Continued increase to traffic but still lower than usual non-COVID levels of traffic

Source: SigAlert.com
Los Angeles Arrest Data Remains Down Over 2019 But Spikes Experienced During Last Two Weeks
As of July 9, 2020 (four day lag)

LOS ANGELES CRIME - 2020 VS. 2019

LOS ANGELES PART I CRIME - 2020 VS. 2019

LOS ANGELES DV CRIMES - 2020 VS. 2019

15.5% reduction in overall crime
(sine 3/12/2020)

10.7% reduction in Part I Crime
(since 3/12/2020)

12.3% reduction in reported domestic violence crime* (since 3/12/2020)

Source: LAPD
“Part I” crime includes homicide, rape, robbery, aggravated assaults, burglary, larceny, vehicle theft and arson
Domestic violence crime is defined as “Intimate Partner - Simple Assault” and “Intimate Partner - Aggravated Assault” crimes
Summary of Apple Mobility Data for Los Angeles
As of July 11, 2020 (two-day lag)

**Key Takeaways:**
- Walking direction requests have increased by 24%
- Driving direction requests have increased by 9%
- Transit direction requests have decreased by 56%

Source: Apple COVID-19 Mobility Trends Report
Summary of Safegraph Mobility Data
Are People Moving Around or Are They Staying Put?
As of July 16, 2020

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 7/6, 39% of residents were staying home.
Economic Indicators
New Unemployment Insurance (UI) Claims for the City of Los Angeles
As of June 20, 2020

Key Takeaways:
• **44.4K** new claims from 6/14-6/20, 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
Cumulative Insurance Claims for the City of Los Angeles
As of June 20, 2020

Key Takeaways:
• May unemployment (seasonally-adjusted) estimated at 20.9% for LA County (20.8% for LA City)
• 747.0K total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020

Source: California EDD
City of LA Sales Tax Revenue
As of May, 2020

% Change vs 2019: -11.6% decrease
• Jan to May 2019: $242,246,362
• Jan to May 2020: $217,080,016

% Change for COVID-19 months: -35.1% decrease
• March to May 2019: $140,738,935
• March to May 2020: $104,164,011

Key Takeaways:
Sales Tax Revenues from 2019-2020
• 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: Mayor’s Office of Finance
Appendix
### Mayor’s Resident Support Initiatives
#### Safety Net Programs

<table>
<thead>
<tr>
<th>INITIATIVE</th>
<th>DEPTS &amp; PARTNERS</th>
<th>RELIEF</th>
<th>IMPACT</th>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior Meals</strong></td>
<td>• FEMA</td>
<td>• <strong>20,320</strong> seniors have enrolled to receive meals</td>
<td><strong>20,320</strong> individuals continue to receive 10 meals a week from the City</td>
<td>New enrollments to this initiative are on pause due to capacity</td>
</tr>
<tr>
<td>As of May 29, 2020</td>
<td>• LADOA</td>
<td>• <strong>20</strong> restaurants are registered to deliver food so far, in addition to FEMA and Everytable</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Everytable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Local Restaurants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mayor’s Hotline</strong></td>
<td>• Mayor’s Office</td>
<td>• <strong>67</strong> total volunteers answering calls</td>
<td><strong>22,023</strong> calls answered</td>
<td>This program has been closed</td>
</tr>
<tr>
<td>As of May 29, 2020</td>
<td></td>
<td>• <strong>946</strong> volunteer shifts completed</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Business Ambassador Visits</strong></td>
<td>• Disaster Service Workers</td>
<td>• DSW Visited <strong>2,812</strong> Locations</td>
<td><strong>5,293</strong> visits made, as of 5/28</td>
<td>This program has been put on hold</td>
</tr>
<tr>
<td>As of May 28, 2020</td>
<td></td>
<td>• LAPD Visited <strong>2,481</strong> Applications</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• <strong>104</strong> Complaint Applications</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• <strong>374</strong> DWP Checks</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Angeleno Card</strong></td>
<td>• Mayor’s Fund for Los Angeles</td>
<td>• <strong>37,813</strong> cards distributed</td>
<td><strong>104,122</strong> individuals served</td>
<td>This program has reached its capacity</td>
</tr>
<tr>
<td>As of June 30, 2020</td>
<td></td>
<td>• <strong>$36,724,200</strong> distributed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>