COVID-19
Daily Data Summary

Monday April 13, 2020 - Response Day 32
Prepared By: City of Los Angeles, Mayor Garcetti’s Innovation Team
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- Los Angeles Timeline of Actions
Los Angeles Data Snapshot
# City Response Highlights

As of April 13, 2020 at 1:00 PM PT

<table>
<thead>
<tr>
<th>Cases</th>
<th>Tests</th>
<th>Beds</th>
<th>Hotline</th>
</tr>
</thead>
<tbody>
<tr>
<td>239 New Cases/9,420 total (County)</td>
<td>At least 1,026 Tests Performed (4/12)*</td>
<td>Total of 2,132 Beds</td>
<td>60 help desk calls (4/12)</td>
</tr>
<tr>
<td>25 New Deaths/320 total (County)</td>
<td>6,500 Test Kits Available (at start of 4/13)</td>
<td>1,601 Acute care</td>
<td>8 COVID-related 311 calls (4/12)</td>
</tr>
<tr>
<td>69,193 New Cases/1.9M total (Global)</td>
<td>At least 42,215 Tests Performed Since 3/20</td>
<td>531 ICU Beds</td>
<td>Reports on gatherings at Churches and in residential neighborhoods. Testing questions</td>
</tr>
<tr>
<td>24,488 New Cases/572K total (US)</td>
<td></td>
<td>1,025 Ventilators</td>
<td>Questions on how to schedule a test or change an existing appointment.</td>
</tr>
<tr>
<td>1,103 New Cases/23.5K total (CA)</td>
<td></td>
<td></td>
<td>Antibody testing</td>
</tr>
</tbody>
</table>

*Two of the 24 sites did not report today

- Reports on gatherings at Churches and in residential neighborhoods. Testing questions
- Questions on how to schedule a test or change an existing appointment.
- Antibody testing
- Issues finding a testing location
- Concerns / complaints about the closures of animal shelters
COVID-19 US Cases and Deaths
As of April 13, 2020 at 2:00PM

New York Remains the US Epicenter but the top five states, based on cases, include:

195.0K cases in New York State (+6.3K)
10.1K deaths in New York State (+671)

64.6K cases in New Jersey (+2.7K)
2.4K deaths in New Jersey (+93)

26.9K cases in Massachusetts (+1.4K)
844 deaths in Massachusetts (+88)

25.6K cases in Michigan (+997)
1.6K deaths in Michigan (+115)

24.2K cases in Pennsylvania (+1.4K)
524 deaths in Pennsylvania (+17)

23.5K cases in California (+1.1K)
683 deaths in California (+48)

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 April 12, 2020 (one day reporting lag)

Top 5 per capita (per 100K) cases by County
Rockland, New York (NYC metro area): 2371 cases per 100K
Westchester, New York (NYC metro area): 1996 cases per 100K
Nassau, New York, US (Long Island/NYC metro area): 1734 cases per 100K
Orleans, Louisiana, US (anchor city: New Orleans): 1432 cases per 100K
Suffolk, New York, US (Long Island/NYC metro area): 1413 cases per 100K

Los Angeles, California: 88 cases per 100k

Top 5 per capita (per 100K) deaths by County
New York City (include all five NYC counties): 82.1 deaths per 100K
Nassau, New York (NYC metro area): 62.3 deaths per 100K
Rockland, New York (NYC metro area): 61.4 deaths per 100K
Orleans, Louisiana (anchor city: New Orleans): 60.1 deaths per 100K
Essex, New Jersey (NYC metro area): 53.5 deaths per 100K

Los Angeles, California: 2.7 deaths per 100k

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 April 13, 2020, Noon

Source: Los Angeles County Department of Health
COVID-19 Los Angeles County Total and New Cases
As of April 13, 2020, Noon

The past 7 days have seen an average daily increase of 441 new cases.

The current case doubling rate is 28.2 with a 3-day average of 20.3.

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
The past 7 days have seen an average daily case increase of 5.8%.
COVID-19 Los Angeles County Deaths
As of April 13, 2020, Noon

The past 7-days have seen an average daily increase of 25 new deaths.

The current death doubling is 8.6, with a 3-day average doubling rate of 7.2.

Source: Los Angeles County Department of Health
COVID-19 Los Angeles County Total Death Increase
As of April 13, 2020, Noon

The past 7-days have seen an average daily death increase of 11.8%.

Source: Los Angeles County Department of Health
# CASE TRACKER
## Total Cases and Percent Increase
### As of April 13, 2020, 12:00 PM

<table>
<thead>
<tr>
<th>Source</th>
<th>Cases</th>
<th>New Cases</th>
<th>% +</th>
<th>Deaths</th>
<th>New Deaths</th>
<th>% +</th>
<th>Timestamp</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Globally</strong></td>
<td>1,904,566</td>
<td>69,193</td>
<td>4%</td>
<td>118,459</td>
<td>5,097</td>
<td>4%</td>
<td>4/13 12:11 PM</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>572,169</td>
<td>24,488</td>
<td>4%</td>
<td>23,070</td>
<td>1,378</td>
<td>6%</td>
<td>4/13 12:11 PM</td>
</tr>
<tr>
<td><strong>California</strong></td>
<td>23,542</td>
<td>1,103</td>
<td>5%</td>
<td>683</td>
<td>48</td>
<td>8%</td>
<td>4/13 12:11 PM</td>
</tr>
<tr>
<td><strong>Los Angeles County</strong></td>
<td>9,420</td>
<td>239</td>
<td>2%</td>
<td>320</td>
<td>25</td>
<td>8%</td>
<td>4/12 12:00 PM</td>
</tr>
</tbody>
</table>

Note: All sources update at various times throughout the day. These numbers are current based on the time of the timestamp.

Source: Multiple sources, as listed
Key Takeaways:

- 1,103 new cases reported in CA since yesterday (5% increase)
- LA County has 40% of cases in CA with 239 new cases reported (2% increase)
- The City of LA has 17.9% of cases in CA; 113 new cases reported (2.8% 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.
COVID-19 Los Angeles County | NY State Cases per 100K residents
As of April 13, 2020, 2:30 PM

Source: Los Angeles County Department of Health
Rolling 7-Day Average of COVID-19 Case Rate Increase - LA|NY|US
As of April 13, 2020, 2:30 PM

Source: Los Angeles County Department of Health, COVID tracking project
State Testing Data
CA Data as of April 11, 2020

Key Takeaways:
- **+115%** in total tests in CA between 4/2 and 4/11
- Currently, **13.2K** test results are conducted but “pending”

Source: covidtracking.com/
*States are not consistent with updating and reflect a data lag.*
City of Los Angeles
Test Kits Available
Data as of April 12, 2020
Close of Business

Source: City of Los Angeles
*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.
Availability for Mar 26th is for all available slots at the beginning of the day.
City of Los Angeles
Tests Performed
Data as of April 12, 2020 Close of Business

Key Takeaways:
- **At least 42,215** tests have been performed since 3/20
- **At least 1,026** tests were performed on 4/12
- **1,685 of the 24,803 results received** were positive (6.8%)
Hospital Bed and Equipment Capacity for LA County
As of April 13, 2020, 10:45 AM

Key Takeaways:
2,132 total beds

Since 4/6, there has been a:
- 1.5% increase in ventilators
- 39.5% increase in available acute care beds
- 105.8% increase in available ICU beds

Source: County HavBed Bed Tracking
Hospital Bed and Equipment Capacity for LA County
As of April 13, 2020, 10:45 AM

Source: County HavBed Bed Tracking
Hospital Bed and Equipment Capacity for LA County
As of April 13, 2020, 10:45 AM

Source: County HavBed Bed Tracking
# N95 Mask Data (as of April 13, 2020)

## Projected Stock

<table>
<thead>
<tr>
<th>N95 Masks</th>
<th>Estimated Current Stock</th>
<th>Total Donated</th>
<th>Total on Order</th>
<th>Projected 3-Month Need</th>
<th>Projected 6-Month Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Responders / City Family*</td>
<td>91,000</td>
<td>28,700</td>
<td>1,000,000</td>
<td>575,520**</td>
<td>1,261,167***</td>
</tr>
<tr>
<td>Medical Staff / Hospitals</td>
<td>1,000,000 ordered by GSD for Seroka project.</td>
<td></td>
<td>6,000,000</td>
<td>8,000,000</td>
<td></td>
</tr>
</tbody>
</table>

## Surgical Masks

- **Grocery Stores**: The Business Operations Center is working to determine needs and identify sources via donations.
- **Public**: The Business Operations Center is working with local NGOs to estimate their needs and how we might support.

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* Includes LAFD, LAPD, RAP/Shelter Staff, Harbor, Personnel, GSD, Street Services, GSD, LAWA.
Does not include HCID, DOT, and Dept. of Aging.

** The burn rate for LAFD decreased due to revised standards for reuse. LAPD burn rate = 1000/day; LAFD = 1500/day; LAWAv=v1875/day.

*** The 6-month need is more than double the 3-month need because departments estimate that their burn rate may increase with time.

Source: Los Angeles EOC
Mayor’s Hotline Calls
As of April 12, 2020, 7PM

Source: Mayor's Hotline Team
Mayor’s Hotline Shifts
As of April 12, 2020, 7PM

*Hot Topics:*
- Reports on gatherings either at Churches or in residential neighborhoods. Some of the callers were reporting small groups of people (ranging from 6-8) gathered either in their homes or walking around together.
- Testing questions
  - How to schedule a test or change an existing appointment?
  - Antibody testing questions
  - Issues finding a testing location
- Concerns / complaints about the closures of animal shelters

*Shift Info:*
- 1115 Shifts Completed This Week
- 355 Cumulative Completed Shifts
- 49 Volunteers This Week
- 58 Cumulative Volunteers

Source: Mayor’s Hotline Team
Are People Staying at Home?
Traffic Continues to Remain Similar in Flow

Friday 4/10, 5:25 PM

Monday 4/13, 9:00 AM
Los Angeles Crime Data Continues to Go Down
As of April 11, 2020

Key Takeaways:

Since March 12
- **31.0% reduction in all crime**
- **27.9% reduction in** Part 1 crime
- **11.9% reduction in** domestic violence crime*

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 Safegraph Mobility Data
Are People Moving Around or Are They Staying Put?

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 4/10, 48% of residents were staying home.

Note: Monitoring movement so neighborhood movement may be included causing LA’s numbers to look lower.

Source: Safegraph
Social Distancing Scoreboard for LA County: Grade C
As of April 13, 2020, Noon

- **40 - 55% Decrease in Average Mobility (Based on Distance Traveled)**: C
- **Greater than 70% Decrease in Non-Essential Visits**: A
- **Less than 40% Decrease in Encounters Density Compared to National Baseline**: F

Source: [COVID-19 Social Distancing Scoreboard](https://covid19socialdistancing.com/scoreboard)
Summary of Facebook Mobility Data
Los Angeles County as of April 8, 2020

Key Takeaways:
Trips taken by residents decreased overall between parts of LA, as well as overall distance of those trips.

Trips within the same regions of LA remain stagnant.

Source: Facebook daily report
Summary of Google Community Mobility Data
Los Angeles County as of April 5, 2020

Key Takeaways:
This charts movement trends over time across different categories of places such as retail and recreation, groceries and pharmacies, parks, transit stations, workplaces, and residential.

LA County has since seen a significant drop in mobility across all categories except residential, which has increased. This is consistent with statewide trends.

Source: Google COVID-19 Community Mobility Reports
Air Pollution During 2020
Air Quality Index (AQI) Scores
as of April 13, 2020, 10:07 AM

LA County Air Quality by Month

LA City’s Air Quality by Date: 4/13

Today’s AQI Score: 30 Good

Health Message: None

AQI – Pollutants:

- Carbon Monoxide: 6 Good
- Nitrogen Dioxide: 20 Good
- Ozone: 30 Good
- Particles (PM10): 10 Good
- Particles (PM2.5): 25 Good

Source: EPA, airnow.gov. Daily forecasts are for zip code 90012 and monthly averages are for LA County.
Los Angeles Actions to Date
### Summary Timeline of Los Angeles COVID-19 Response

#### March 12–19, 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>12 March</strong>&lt;br&gt;Thursday</td>
<td>Mayoral Directive limits public gatherings and closes City Hall to public</td>
</tr>
<tr>
<td><strong>13 March</strong>&lt;br&gt;Friday</td>
<td>LAUSD announces closure of schools</td>
</tr>
<tr>
<td><strong>14 March</strong>&lt;br&gt;Saturday</td>
<td>LA's public libraries close</td>
</tr>
<tr>
<td><strong>15 March</strong>&lt;br&gt;Sunday</td>
<td>City orders closures of dine-in rest., gyms, theaters, perf. venues and bars without food service</td>
</tr>
<tr>
<td><strong>16 March</strong>&lt;br&gt;Monday</td>
<td>LAUSD closes all schools</td>
</tr>
<tr>
<td><strong>17 March</strong>&lt;br&gt;Tuesday</td>
<td>Mayor places temporary halt on parking enforcement, reduces citations</td>
</tr>
<tr>
<td><strong>18 March</strong>&lt;br&gt;Wednesday</td>
<td>Mayor orders moratorium on commercial evictions</td>
</tr>
<tr>
<td><strong>19 March</strong>&lt;br&gt;Thursday</td>
<td>Mayor announces City Plans to support homeless residents</td>
</tr>
</tbody>
</table>

Source: [Mayor Garcetti Website](https://mayor.lacity.org)
# Summary Timeline of Los Angeles COVID-19 Response
**March 20 – 27, 2020**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>20 March</strong>&lt;br&gt;Friday</td>
<td>Mayor issues <strong>SAFER AT HOME</strong> emergency Order&lt;br&gt;City launches: Help Desk Hotline, COVID-19 testing portal, LA Jobs Portal</td>
</tr>
<tr>
<td><strong>21 March</strong>&lt;br&gt;Saturday</td>
<td>Mayoral Directive tolling deadlines prescribed in the Municipal Code</td>
</tr>
<tr>
<td><strong>22 March</strong>&lt;br&gt;Sunday</td>
<td>Mayor confirms <strong>SAFER AT HOME</strong> will be strictly enforced&lt;br&gt;Sports &amp; Rec closed at parks and beaches</td>
</tr>
<tr>
<td><strong>23 March</strong>&lt;br&gt;Monday</td>
<td>Moratorium on Ellis Act/no fault evictions&lt;br&gt;Allow alcohol delivery&lt;br&gt;Establish a moratorium on LADWP shutoffs&lt;br&gt;Relaxed parking enforcement on commercial vehicles</td>
</tr>
<tr>
<td><strong>24 March</strong>&lt;br&gt;Tuesday</td>
<td>MFLA launches Angeleno Campaign and <strong>L.A. COVID-19 Emergency Response Fund</strong>&lt;br&gt;Creation of Emergency Medical Corps</td>
</tr>
<tr>
<td><strong>25 March</strong>&lt;br&gt;Wednesday</td>
<td>Authorized Depts to streamline emergency expenditures&lt;br&gt;Relaxed vehicle registration &amp; DL violation enforcement</td>
</tr>
<tr>
<td><strong>26 March</strong>&lt;br&gt;Thursday</td>
<td>Launched <strong>Get Connected</strong>&lt;br&gt;Launched a tool for residents to schedule testing</td>
</tr>
<tr>
<td><strong>27 March</strong>&lt;br&gt;Friday</td>
<td>Mayor Announces formation of <strong>LA Protects</strong>&lt;br&gt;5 additional emergency shelters at rec centers&lt;br&gt;USNS Navy hospital ships arrives</td>
</tr>
</tbody>
</table>

Source: [Mayor Garcetti Website](https://www.mayorgarcetti.org/)
## Summary Timeline of Los Angeles COVID-19 Response
March 28 – April 5, 2020

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

Source: [Mayor Garcetti Website](#)
## Summary Timeline of Los Angeles COVID-19 Response

### April 6 – 13, 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Event</th>
<th>Event</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 April</td>
<td>Testing expanded to all with COVID symptoms</td>
<td>Essential workers to wear face coverings by 4/10</td>
<td>Order protecting grocery, drug retail, and food delivery workers</td>
<td>Essential businesses to prepare and post Social Distancing Protocols for each of their facilities by 4/15</td>
</tr>
<tr>
<td>7 April</td>
<td>Order issuing supplemental paid sick leave</td>
<td>Closed parks on Sunday (4/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 April</td>
<td>Launch of LA CareCorps</td>
<td>Expanding sanitation services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 April</td>
<td>Mobile testing for nursing and assisted living facilities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 April</td>
<td>Launched the LA Emergency Child Care Connection</td>
<td>SAFER AT HOME extended to 5/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-12 April</td>
<td>Streets L.A. is shifting street paving and some street sweeping from residential streets to major corridors.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 April</td>
<td>TODAY</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: [Mayor Garcetti Website](#)