COVID-19
Daily Data Summary

Thursday April 16, 2020 - Response Day 35
Prepared By: City of Los Angeles, Mayor Garcetti's Chief Innovation Officer and The Innovation Team
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- Los Angeles Timeline of Actions
Los Angeles Data Snapshot
## City Response Highlights
As of April 16, 2020 at 1:00 PM PT

<table>
<thead>
<tr>
<th>Cases</th>
<th>Tests</th>
<th>Beds</th>
<th>Shelters</th>
<th>Hotlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>399 New Cases/10,854 total (County)</td>
<td>At least 5,901 Tests Performed (4/15)*</td>
<td>Total of 1,558 Beds</td>
<td>20 Emergency City Shelters Online - 89.7% Occupancy*</td>
<td>3,096 Angeleno card hotline, 620 help desk calls (4/15)</td>
</tr>
<tr>
<td>55 New Deaths/455 total (County)</td>
<td>11,700 Test Kits Available (at start of 4/16)</td>
<td>1,309 Acute care</td>
<td>Tier 1 Housing - Emergency Hotels/Motels Countywide - 79.1% Occupancy</td>
<td>325 COVID-related 311 calls (4/15)</td>
</tr>
<tr>
<td>78,801 New Cases/2.1M total (Global)</td>
<td>At least 56,378 Tests Performed Since 3/20</td>
<td>249 ICU Beds</td>
<td>Tier 2 Housing - Emergency Hotels/Motels Countywide - 57.5% Occupancy</td>
<td>● Angeleno card (and website issues)</td>
</tr>
<tr>
<td>29,181 New Cases/649K total (US)</td>
<td>(As of 4/15)</td>
<td>1,129 Ventilators</td>
<td>(As of 4/16)</td>
<td>● Rent and moratorium on eviction</td>
</tr>
<tr>
<td>1,225 New Cases/27.1K total (CA)</td>
<td>*Two of the 28 sites did not report test total yesterday</td>
<td></td>
<td></td>
<td>● Business violations</td>
</tr>
</tbody>
</table>

*One shelter not reporting

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- 3,096 Angeleno card hotline, 620 help desk calls (4/15)
- 325 COVID-related 311 calls (4/15)

- Angeleno card (and website issues)
- Rent and moratorium on eviction
- Business violations
- Senior meal programs
- Testing and results
- Masks or social distancing complaints
- Relaxed parking enforcement
COVID-19 US Cases and Deaths
As of April 16, 2020 at 3:00PM

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

222.3K cases in New York State (+8.5K)
12.2K deaths in New York State (+606)

75.3K cases in New Jersey (+4.3K)
3.5K deaths in New Jersey (+362)

32.2K cases in Massachusetts (+2.3K)
1.2K deaths in Massachusetts (+137)

29.3K cases in Michigan (+1.2K)
2.1K deaths in Michigan (+172)

27.7K cases in Pennsylvania (+1.2K)
707 deaths in Pennsylvania (+60)

27.1K cases in California (+1.2K)
890 deaths in California (+86)

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 15, 2020 (one day reporting lag)

Top 5 per capita (per 100K) cases by County
Rockland, New York (NYC Metro Area): 2602 cases per 100K
Westchester, New York (NYC Metro Area): 2165 cases per 100K
Nassau, New York (NYC Metro Area): 1967 cases per 100K
Suffolk, New York (NYC Metro Area): 1588 cases per 100K
Orange, New York (NYC Metro Area): 1526 cases per 100K

Los Angeles, California: 104 cases per 100k

Top 5 per capita (per 100K) deaths by County
New York City, New York: 101.0 deaths per 100K
Rockland, New York (NYC Metro Area): 92.0 deaths per 100K
Nassau, New York (NYC Metro Area): 78.0 deaths per 100K
Essex, New Jersey (NYC Metro Area): 74.0 deaths per 100K
Orleans, Louisiana (New Orleans): 73.0 deaths per 100K

Los Angeles, California: 4.0 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 16, 2020, Noon

Currently, Los Angeles County has a 4.2% mortality rate.

Source: Los Angeles County Department of Health
The past 7 days have seen an average daily increase of 433 new cases.

The current case doubling rate is 20.5 with a 3-day average of 15.6.

**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 4.5%.
COVID-19 Los Angeles County Deaths
As of April 16, 2020, Noon

*The past 7 days have seen an average daily increase of 34 new deaths.*

*The current death doubling is 5.3, with a 3-day average doubling rate of 5.6.*

Source: Los Angeles County Department of Health
COVID-19 Los Angeles County Total Death Increase
As of April 16, 2020, Noon

The past 7 days have seen an average daily death increase of 10.7%.

Source: Los Angeles County Department of Health
CASE TRACKER
Total Cases and Percent Increase
As of April 16, 2020, 12:00 PM

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>New Cases</th>
<th>% +</th>
<th>Deaths</th>
<th>New Deaths</th>
<th>% +</th>
<th>Source</th>
<th>Timestamp</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Globally</strong></td>
<td>2,113,226</td>
<td>78,801</td>
<td>4%</td>
<td>140,371</td>
<td>7,110</td>
<td>5%</td>
<td>JHU</td>
<td>4/16 11:26 AM</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>648,788</td>
<td>29,181</td>
<td>5%</td>
<td>30,920</td>
<td>3,160</td>
<td>11%</td>
<td>JHU</td>
<td>4/16 11:26 AM</td>
</tr>
<tr>
<td><strong>California</strong></td>
<td>27,109</td>
<td>1,225</td>
<td>5%</td>
<td>890</td>
<td>86</td>
<td>11%</td>
<td>JHU</td>
<td>4/16 11:26 AM</td>
</tr>
<tr>
<td><strong>Los Angeles County</strong></td>
<td>10,854</td>
<td>399</td>
<td>3%</td>
<td>455</td>
<td>55</td>
<td>13%</td>
<td>LAC DPH</td>
<td>4/15 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
Cases: Los Angeles vs. California
As of April 16, 2020, 12:00PM

Key Takeaways:
- 1,225 new cases reported in CA since yesterday (5% increase)
- LA County has 40% of cases in CA with 399 new cases reported (3% increase)
- The City of LA has 17.9% of cases in CA; 145 new cases reported (3.1% 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 16, 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 16, 2020, 2:30 PM

Source: Los Angeles County Department of Health, COVID tracking project
Key Takeaways:
- +154% in total tests in CA between 4/2 and 4/14
- 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
Tests Performed
Data as of April 15, 2020 Close of Business

Key Takeaways:
- **At least 56,378** tests have been performed since 3/20
- **At least 5,901** tests were performed on 4/15
- **1,991** of the 29,477 results received were positive (6.7%)

Source: City of Los Angeles

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*
Hospital Bed and Equipment Capacity for LA County
As of April 16, 2020, 10:10 AM

Key Takeaways:
1,558 total beds

Since 4/9, there has been a:
- 1.9% decrease in available acute care beds. Surge capacity is 11,482
- 0.4% increase in available ICU beds. Surge capacity is 4,067
- 3% increase in ventilators. Surge capacity is 3,189

Source: County HavBed Bed Tracking. 4/9, 4/10, 4/11, 4/12, and 4/13 reflect temporary updated reporting counts by Los Angeles County. Future reporting will continue to align to County reporting counts.
Hospital Bed and Equipment Capacity for LA County
As of April 16, 2020, 10:10 AM

Source: County HavBed Bed Tracking. 4/9, 4/10, 4/11, 4/12, and 4/13 reflect temporary updated reporting counts by Los Angeles County. Future reporting will continue to align to County reporting counts.
Hospital Bed and Equipment Capacity for LA County
As of April 16, 2020, 10:10 AM

ICU Beds

<table>
<thead>
<tr>
<th>ICU Beds</th>
<th>Total - 2.5K</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>248 266 309 229 292 244 249</td>
</tr>
<tr>
<td></td>
<td>981 1606 1655 1705 1601 1612 1633</td>
</tr>
</tbody>
</table>

Ventilators

<table>
<thead>
<tr>
<th>Ventilators</th>
<th>476 420</th>
</tr>
</thead>
</table>

Source: County HavBed Bed Tracking. 4/9, 4/10, 4/11, 4/12, and 4/13 reflect temporary updated reporting counts by Los Angeles County. Future reporting will continue to align to County reporting counts.
## N95 Mask Data (as of April 16, 2020)

<table>
<thead>
<tr>
<th></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><strong>N95 Masks</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Responders / City Family*</td>
<td>35,716</td>
<td>29,000</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 LOVLA.</td>
<td></td>
<td></td>
<td>6,000,000</td>
<td>8,000,000</td>
</tr>
<tr>
<td><strong>Surgical Masks</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grocery Stores</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Business Operations Center is working to determine needs and identify sources.

The Business Operations Center is working with local NGOs to estimate their needs and how we might support.

Source: Los Angeles EOC

* 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; LAWA=1875/day.

*** The 6-month need is more than double the 3-month need because departments estimate that their burn rate may increase with time.
Mayor’s Hotline Calls
As of April 15, 2020, 7PM

Angeleno Card Hotline Stats:
- 1,445 of 3,096 callers qualified (46.7%)
- 1,118 of 3,096 completed the survey (36.1%)

Source: Mayor’s Hotline, Angeleno Card Hotline Phone Bank
Mayor’s Hotline Shifts
As of April 15, 2020, 7PM

Hot Topics:
- Angeleno card, website issues – by far!!
- Rent and moratorium on eviction
- Business violations
- Senior meal programs
- Testing and results
- Masks or social distancing complaints
- Relaxed parking enforcement

Shift Info:
- 109 Shifts Completed This Week
- 407 Cumulative Completed Shifts
- 44 Volunteers This Week
- 59 Cumulative Volunteers

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

Wednesday 4/15, 5:20 PM

Thursday 4/16, 9:30 AM
Los Angeles Crime Data Continues to Go Down
As of April 14, 2020

**Key Takeaways:**

Since March 12
- **29.6%** reduction in all reported crime
- **26.5%** reduction in reported Part 1 crime
- **13.1%** reduction in reported 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
Social Distancing Scoreboard for LA County: Grade C
As of April 16, 2020, Noon

Scores by Geography:
- Score: A
- Score: B
- Score: C
- Score: D
- Score: F

Source: COVID-19 Social Distancing Scoreboard
Social Distancing Scoreboard for LA County: Grade C
As of April 16, 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](#)
Air Pollution During 2020

Air Quality Index (AQI) Scores as of April 16, 2020, 8:50 AM

AQI Values
- 0 to 50: Good
- 51 to 100: Moderate
- 101 to 150: Unhealthy for Sensitive Groups
- 151 to 200: Unhealthy
- 201 to 300: Very Unhealthy
- 301 to 500: Hazardous

LA City’s Air Quality by Date: 4/16

Today’s AQI Score: 44  Good

Health Message: None

AQI – Pollutants:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Value</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Monoxide</td>
<td>5</td>
<td>Good</td>
</tr>
<tr>
<td>Nitrogen Dioxide</td>
<td>30</td>
<td>Good</td>
</tr>
<tr>
<td>Ozone</td>
<td>38</td>
<td>Good</td>
</tr>
<tr>
<td>Particles (PM10)</td>
<td>26</td>
<td>Good</td>
</tr>
<tr>
<td>Particles (PM2.5)</td>
<td>55</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

Source: [EPA](https://www.epa.gov), [airnow.gov](https://www.airnow.gov). Daily forecasts are for the Central LA CO Reporting Area 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 Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 March</td>
<td>Mayor directive limits public gatherings and closes City Hall to public</td>
</tr>
<tr>
<td>13 March</td>
<td>LAUSD announces closure of schools</td>
</tr>
<tr>
<td>14 March</td>
<td>LA's public libraries close</td>
</tr>
<tr>
<td>15 March</td>
<td>City orders closures of dine-in rest., gyms, theaters, perf. venues and bars without food service</td>
</tr>
<tr>
<td>15 March</td>
<td>Mayor orders moratorium on residential evictions</td>
</tr>
<tr>
<td>16 March</td>
<td>LAUSD closes all schools</td>
</tr>
<tr>
<td>17 March</td>
<td>Mayor places temporary halt on parking enforcement, reduces citations</td>
</tr>
<tr>
<td>18 March</td>
<td>Mayor orders moratorium on commercial evictions</td>
</tr>
<tr>
<td>18 March</td>
<td>Announces economic relief package for small businesses</td>
</tr>
<tr>
<td>19 March</td>
<td>Mayor announces City Plans to support homeless residents</td>
</tr>
<tr>
<td>19 March</td>
<td>Mayor Activates Disaster Service Worker program</td>
</tr>
<tr>
<td>19 March</td>
<td>Add 1600 emergency shelter beds using rec centers and 6000 Red Cross beds</td>
</tr>
<tr>
<td>19 March</td>
<td>Partner with Council to use $20M emergency relief</td>
</tr>
</tbody>
</table>

Source: [Mayor Garcetti Website](https://mayor.garrett.org)
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>20 March</strong></td>
<td>Mayor issues <strong>SAFER AT HOME</strong> emergency Order</td>
</tr>
<tr>
<td></td>
<td>City launches: Help Desk Hotline, COVID-19 testing portal, LA Jobs Portal</td>
</tr>
<tr>
<td><strong>21 March</strong></td>
<td>Mayoral Directive tolling deadlines prescribed in the Municipal Code</td>
</tr>
<tr>
<td><strong>22 March</strong></td>
<td>Mayor confirms <strong>SAFER AT HOME</strong> will be strictly enforced</td>
</tr>
<tr>
<td><strong>23 March</strong></td>
<td>Moratorium on Ellis Act/no fault evictions</td>
</tr>
<tr>
<td><strong>24 March</strong></td>
<td>MFLA launches Angeleno Campaign and <strong>L.A. COVID-19 Emergency Response Fund</strong></td>
</tr>
<tr>
<td></td>
<td>Creation of Emergency Medical Corps</td>
</tr>
<tr>
<td><strong>25 March</strong></td>
<td>Authorized Depts to streamline emergency expenditures</td>
</tr>
<tr>
<td><strong>26 March</strong></td>
<td>Launched <strong>Get Connected</strong></td>
</tr>
<tr>
<td><strong>27 March</strong></td>
<td>Mayor Announces formation of <strong>LA Protects</strong></td>
</tr>
<tr>
<td></td>
<td>5 additional emergency shelters at rec centers</td>
</tr>
<tr>
<td></td>
<td>USNS Navy hospital ships arrives</td>
</tr>
</tbody>
</table>

Source: Mayor Garcetti Website
# Timeline of Los Angeles COVID-19 Response

**March 28 – April 5, 2020**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</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 900+ motel/hotel rooms for homeless Angelenos</td>
</tr>
<tr>
<td><strong>30 March</strong></td>
<td>Farmers’ Mkts closed pending plans Suspending all RSO rent increases</td>
</tr>
<tr>
<td><strong>31 March</strong></td>
<td>Mayoral order requiring construction sites to develop COVID plans Expanded testing sites</td>
</tr>
<tr>
<td><strong>1 April</strong></td>
<td>Mayor recommends use of masks <em>(LA Protects)</em> Shutting off power/water to non-compliant non-ess. businesses 2K tests now available daily</td>
</tr>
<tr>
<td><strong>2 April</strong></td>
<td>Traffic lights set to night schedule  LAUSD mental health hotline 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](https://mayorla.org/)
## Timeline of Los Angeles COVID-19 Response
### April 6 – 12, 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6 April</strong></td>
<td>Testing expanded to all with COVID symptoms</td>
</tr>
<tr>
<td><strong>7 April</strong></td>
<td>Order issuing supplemental paid sick leave</td>
</tr>
<tr>
<td><strong>8 April</strong></td>
<td>Launch of <strong>LA CareCorps</strong></td>
</tr>
<tr>
<td><strong>9 April</strong></td>
<td>Mobile testing for nursing and assisted living facilities</td>
</tr>
<tr>
<td><strong>10 April</strong></td>
<td>Launched the <strong>LA Emergency Child Care Connection</strong></td>
</tr>
<tr>
<td><strong>11-12 April</strong></td>
<td>Streets L.A. is shifting street paving and some street sweeping from residential streets to major corridors.</td>
</tr>
</tbody>
</table>

**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**

**Closed parks on Sunday (4/12)**

**Expanding sanitation services**

**SAFER AT HOME extended to 5/15**

Source: [Mayor Garcetti Website](#)
| 13 April   | Monday    | Launched [Covid Myths webpage](#) | Release Mayor’s Data Deck of key metrics used to inform City’s COVID 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  | TODAY | | |
| 17 April   | Friday    | | | |
| 18 April   | Saturday  | | | |
| 19 April   | Sunday    | | | |

Source: [Mayor Garcetti Website](#)