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COVID-19 DATA SUMMARY
Data Snapshot
COVID-19 restrictions: Regional Stay Home Order
(Southern California Order in Effect as of Dec 6, 2020, 11:59 PM)

The Regional Stay Home Order, announced December 3, 2020, and a supplemental order, signed December 6, 2020, will go into effect at 11:59 PM the day after a region has been announced to have less than 15% ICU availability.

- The supplemental order clarifies retail operations and goes into effect immediately;
- They prohibit private gatherings of any size, close sector operations except for critical infrastructure and retail;
- And require 100% masking and physical distancing in all others.

Once triggered, these orders will remain in effect for at least 3 weeks. After that period, they will be lifted when a region’s projected ICU capacity meets or exceeds 15%. This will be assessed on a weekly basis after the initial 3 week period.

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

Statewide Metrics

- **63.9** New COVID-19 Positive Cases Per Day Per 100k Residents
- **11.3%** 7-Day Positivity Rate
- **5.7%** ICU Availability

Source: State of California

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Current Regional Stay Home Order Status

<table>
<thead>
<tr>
<th>Region</th>
<th>ICU Availability</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern California</td>
<td>29.8%</td>
<td>Does not apply</td>
</tr>
<tr>
<td>Bay Area</td>
<td>15.8%</td>
<td>5 out of 11 Counties Opted In</td>
</tr>
<tr>
<td>Greater Sacramento</td>
<td>14.9%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>1.6%</td>
<td>Threshold met</td>
</tr>
<tr>
<td>Southern California</td>
<td>1.7%</td>
<td>Threshold met</td>
</tr>
</tbody>
</table>

Source: COVID19.CA.GOV
New reopening metrics and tier assignment were previously announced on Tuesdays. On November 16, the State announced that they may start reporting metrics more frequently and on days other than Tuesdays.

All metrics are evaluated on a 7-day lag. Current data range: 11/29/20 - 12/5/20

### New COVID-19 positive cases per 100K
7-Day average new positive cases per 100K residents

### Adjusted case rate for tier assignment
An adjustment factor for counties that are testing above or below the state average. This adjusted rate is used for “new case” metric rather than the raw case rate

### Positivity Rate
7-day average of positive lab-confirmed COVID-19 cases divided by total tests

### Health Equity Metric
The test positivity rate in the Lowest Healthy Places Index Quartile Census Tracts.

<table>
<thead>
<tr>
<th>METRICS</th>
<th>REPORTING DATE</th>
<th>RATE</th>
<th>% DIFF VS LAST METRICS</th>
<th>LAST REPORTING DATE</th>
<th>LAST METRICS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New COVID-19 positive cases per 100K</strong></td>
<td>12/15</td>
<td>84.4</td>
<td>+101.9%</td>
<td>12/8</td>
<td>41.8</td>
</tr>
<tr>
<td><strong>Adjusted case rate for tier assignment</strong></td>
<td>12/15</td>
<td>42.2</td>
<td>+56.9%</td>
<td>12/8</td>
<td>26.9</td>
</tr>
<tr>
<td><strong>Positivity Rate</strong></td>
<td>12/15</td>
<td>11.4%</td>
<td>+2.7% (% Point Difference)</td>
<td>12/8</td>
<td>8.7%</td>
</tr>
<tr>
<td><strong>Health Equity Metric (starting 10/6)</strong></td>
<td>12/15</td>
<td>17.0%</td>
<td>+3.1% (% Point Difference)</td>
<td>12/8</td>
<td>13.9%</td>
</tr>
</tbody>
</table>

### Current Los Angeles County Risk Level: WIDESPREAD

- **County risk level**:
  - WIDESPREAD: Many non-essential indoor business operations are closed.
  - SUBSTANTIAL: Some non-essential indoor business operations are closed.
  - MODERATE: Some indoor business operations are open with modifications.
  - MINIMAL: Most indoor business operations are open with modifications.

- **New cases**
  - More than 7 daily new cases (per 100k)
  - 4 - 7 daily new cases (per 100k)
  - 1 - 3.9 daily new cases (per 100k)
  - Less than 1 daily new cases (per 100k)

- **Positive tests**
  - More than 8% positive tests
  - 2 - 4.9% positive tests
  - Less than 2% positive tests

Source: California Department of Public Health

Prepared by Mayor’s Innovation Team

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### Key Takeaways:
The following metrics have seen **undesirable** movement over the past seven days for which data are available: **New Cases**, **New Deaths**, **7-Day COVID Positive Test Rate**, **New Hospitalizations**, **Acute Care Bed Capacity**, **ICU Bed Capacity**, and **LA City Unemployment Insurance Claims** (vs baseline)

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

*Unless otherwise noted, the baseline period is the week of 4/18/20-4/24/20, our highest week in the month of April, first full month of reporting on record
*As of 12/14/20

### METRICS
As of December 15, 2020, 1 PM

<table>
<thead>
<tr>
<th></th>
<th>TODAY'S AVERAGES</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><strong>New Cases</strong> (7-day avg.)</td>
<td>11,232 (7-day avg)</td>
<td></td>
<td>+33.7%</td>
<td></td>
<td>+976.9%</td>
</tr>
<tr>
<td><strong>New Deaths</strong> (7-day avg.)</td>
<td>59 (7-day avg)</td>
<td></td>
<td>+43.0%</td>
<td></td>
<td>+22.0%</td>
</tr>
<tr>
<td><strong>COVID 7-Day Positive Test Rate</strong> (as of one week ago)</td>
<td>12.8% (overall)</td>
<td></td>
<td>+1.7%</td>
<td></td>
<td>+1.2%</td>
</tr>
<tr>
<td><strong>New Hospitalizations</strong> (7-day avg)*</td>
<td>463 (7-day avg)</td>
<td></td>
<td>+38.2%</td>
<td></td>
<td>+197.8%</td>
</tr>
<tr>
<td><strong>Acute Care Bed Capacity</strong> (7-day avg)*</td>
<td>354 (7-day avg)</td>
<td></td>
<td>-20.4%</td>
<td></td>
<td>-68.3%</td>
</tr>
<tr>
<td><strong>ICU Bed Capacity</strong> (7-day avg)*</td>
<td>71 (7-day avg)</td>
<td></td>
<td>-26%</td>
<td></td>
<td>-70.6%</td>
</tr>
<tr>
<td><strong>LA City Crime</strong> (7-day avg) baseline = 2019 YTD</td>
<td>439 daily crimes (7-day avg) as of 12/4/2020</td>
<td></td>
<td>-5.8%</td>
<td></td>
<td>-18.2%</td>
</tr>
<tr>
<td><strong>LA City Unemployment Ins. Claims</strong> (includes PUA) baseline = equivalent 2019 week</td>
<td>5,201 as of 11/28/2020</td>
<td></td>
<td>-9.3%</td>
<td></td>
<td>+188%</td>
</tr>
</tbody>
</table>
COVID-19 US Cases - Per Capita State Comparisons (TOTAL CASES)
As of December 15, 2020, 3:00 PM

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

#1: 1,617.4K cases in California (+32.3K) - 4088 per 100K
21.2K deaths in California (+142) - 53.6 per 100K

#2: 1,500.5K cases in Texas (+18.9K) - 5228 per 100K
24.1K deaths in Texas (+205) - 84.1 per 100K

#3: 1,124.7K cases in Florida (+9.3K) - 5280 per 100K
20.4K deaths in Florida (+94) - 95.6 per 100K

#4: 863.5K cases in Illinois (+7.4K) - 6777 per 100K
15.6K deaths in Illinois (+132) - 122.3 per 100K

#5: 794.6K cases in New York State (+10.4K) - 4065 per 100K
28.0K deaths in New York State (+132) - 143.3 per 100K

Rounding out the top ten are:
Ohio, Pennsylvania, Georgia, Michigan, Wisconsin

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

#3 in Deaths
#40 in Deaths per 100K

Source: Los Angeles County Department of Health, COVID Tracking Project
COVID-19 US Cases - Per Capita State Comparisons (NEW CASES)

As of December 15, 2020, 3:00 PM

Cases are on the rise across the entire United States. The top five states, based on new cases over the last day include:

1. California (1,617.4K cases, +32.3K new cases) - 4088 cases per 100K population, 21.2K deaths (+142)
2. Texas (1,500.5K cases, +18.9K new cases) - 5228 cases per 100K population, 24.1K deaths (+205)
3. New York State (794.6K cases, +10.4K new cases) - 4065 cases per 100K population, 28.0K deaths (+132)
4. Pennsylvania (509.3K cases, +9.6K new cases) - 3976 cases per 100K population, 12.9K deaths (+270)
5. Florida (1,124.7K cases, +9.3K new cases) - 5280 cases per 100K population, 20.4K deaths (+94)

Rounding out the top ten are: Ohio, Tennessee, Illinois, Michigan, North Carolina

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

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

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

- **Potter, Texas (Amarillo): 12,156 cases** per 100K (14,273 total cases)
- **Minnehaha, South Dakota (Sioux Falls): 12,006 cases** per 100K (23,188 total cases)
- **Lubbock, Texas: 11,788 cases** per 100K (36,611 total cases)
- **Woodbury, Iowa (Sioux City): 11,134 cases** per 100K (11,480 total cases)
- **El Paso, Texas: 11,108 cases** per 100K (93,223 total cases)

**Los Angeles, California: 5,306 cases** per 100K (532,730 total cases)

*Los Angeles County ranks #215 out of 584 counties with 100K+*
Top 5 per capita (per 100K) deaths by County:

**Bronx, New York: 356.6 deaths** per 100K (5,058 total deaths)

**Queens, New York: 328.9 deaths** per 100K (7,412 total deaths)

**Kings, New York: 295.7 deaths** per 100K (7,570 total deaths)

**Essex, New Jersey (NYC Metro Area): 287.6 deaths** per 100K (2,298 total deaths)

**Passaic, New Jersey (NYC Metro Area): 273.8 deaths** per 100K (1,374 total deaths)

**Los Angeles, California: 83.1 deaths** per 100K (8,345 total deaths)

*Los Angeles County ranks #232 out of 584 counties with 100K+*
COVID-19 • LOS ANGELES

Key Indicators
Cases, Deaths, Testing, and Hospitalizations
The past seven days have seen an average daily increase of 11,232 new cases.

The past seven days have seen an average daily increase of 62 new deaths.

Legend:
- New Cases (7-Day Rolling Average)
- New Deaths (7-Day Rolling Average)
- Safer At Home (SAH) Restriction Lifted
- SAH Restriction Reinstituted

Note: The reported cases on 12/14 were artificially low due to backlogs from certain labs.

Source: Los Angeles County New Cases and New Deaths, 7-Day Average
LA County Case Updates

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.14</td>
<td>32,326</td>
<td>246,835</td>
<td>623,999</td>
</tr>
<tr>
<td>Infection Rate</td>
<td>New Cases</td>
<td>Total Cases</td>
<td>New Cases</td>
</tr>
<tr>
<td>Ideal &lt; 1.0</td>
<td>11,194</td>
<td>543,769</td>
<td>16.6M</td>
</tr>
<tr>
<td>New Cases</td>
<td>Total Cases</td>
<td>New Cases</td>
<td>Total Cases</td>
</tr>
</tbody>
</table>

**KEY TAKEAWAYS**
- LA County accounts for **33.6%** of cases in CA with an average of **11,232** new cases reported from 12/8 to 12/15 (2.4% increase)

**CUMULATIVE CASES**

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.
LA County Mortality Updates

<table>
<thead>
<tr>
<th>LOS ANGELES</th>
<th>CALIFORNIA</th>
<th>UNITED STATES</th>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6%</td>
<td>142</td>
<td>2,157</td>
<td>11,843</td>
</tr>
<tr>
<td>Mortality Rate</td>
<td>New Deaths</td>
<td>New Deaths</td>
<td>New Deaths</td>
</tr>
<tr>
<td>86</td>
<td>21,188</td>
<td>302K</td>
<td>1.6M</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td>Total Deaths</td>
<td></td>
</tr>
</tbody>
</table>

DAILY MORTALITY IN LA COUNTY

KEY TAKEAWAYS

- LA County accounts for 39.8% of deaths in CA with an average of 62 new deaths reported from 12/8 to 12/15 (0.8% increase)

CUMULATIVE DEATHS

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, LA County Department of Public Health, COVIDTracking.com, and the LA Times.
KEY TAKEAWAYS

• At least 2,846,372 tests have been performed at City of Los Angeles since 3/20

• On average, 31,441 tests were performed each day from 12/8 to 12/14

• 224,446 of the 2,797,251 tests for which results were received were positive (8.1%)

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

POSITIVITY RATE IN CITY OF LA (1-day lag for cumulative/2-day for 7-day rate)

City Positive Rate as of December 13/14, 2020
County metrics as of December 8, 2020

- LA County has tested a total of at least 4,175,051 people and a total of 9,093,595 specimens (tests)

- City's 7-day Rate for Tests (2 day lag)

- County's 7-day Rate For Tests (1 week lag)

- City Tests Since last report
- City Tests Since 3/20

- Positivity Rate (7-day lag)

City Testing Updates • Positivity Rate

KEY TAKEAWAYS

- LA County has tested a total of at least 4,175,051 people and a total of 9,093,595 specimens (tests)

COUNTY POSITIVITY RATE (7-day lag)

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

Source: City of Los Angeles
**NEW HOSPITALIZATIONS IN LA COUNTY**

- **LOS ANGELES**
  - New Hospitalizations: 505
  - Current Hospitalizations: 4,656
  - Total Hospitalizations: 33,200

**EQUIPMENT AVAILABILITY**

- Total Beds Available: 455
- Acute Care Beds Available: 377
- ICU Beds Available: 78
- Ventilators Available: 962

**SO-CAL REGIONAL ICU CAPACITY**

- As of 12/15
  - ICU Availability: 1.7%

**KEY TAKEAWAYS**

- At least 32,615 people have been hospitalized since 3/18

**CURRENtLY HOSPITALIZED**: +5.7%

**INCREASE IN ICU**: +5.7%

---

Legend (for graph on left):
- New Hospitalizations (7 Day Rolling Average)
- New Hospitalizations

Source: City of Los Angeles

*Public test registration. It does not include registration of critical city employees, first responders, and health care providers.*
COVID-19 • LOS ANGELES

Demographic Comparisons
Cases by Demographics*

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of Total Cases Compared to Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17 yrs</td>
<td>12%</td>
</tr>
<tr>
<td>18 to 29 yrs</td>
<td>25%</td>
</tr>
<tr>
<td>30 to 49 yrs</td>
<td>34%</td>
</tr>
<tr>
<td>50 to 64 yrs</td>
<td>19%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
</tbody>
</table>

PERCENT OF TOTAL CASES COMPARED TO POPULATION

1,703,423 population
2,725,450 population
1,856,788 population
1,268,675 population
1,492,554 population
811,476 population
4,808,364 population
2,619,709 population
373,415 population
4,890,980 population
4,760,352 population

KEY TAKEAWAYS

• Data is incomplete with **32.2%** of cases still under investigation

MOST IMPACTED GROUPS

• Hispanic/Latino Americans
• Females
• 30-59 year olds
• 18-29 year olds

Legend:
- Percent of LA County Population
- Percent of Total Cases

Source: Los Angeles Department of Public Health.
Deaths by Demographics*

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

PERCENT OF TOTAL DEATHS COMPARED TO POPULATION

KEY TAKEAWAYS

- Data is incomplete with **0.3% of deaths still under investigation**
- 7713 out of 8298 deaths (93.0%) had comorbidities (underlying conditions)

MOST IMPACTED GROUPS

- 65+
- Males
- Hispanic/Latino Americans
- Black Americans

Legend
- Percent of LA County Population
- Percent of Total Deaths

Source: Los Angeles Department of Public Health.
COVID-19 DATA SUMMARY

Comparative Updates
Key Takeaways:

- An average of 32,523 cases reported in CA from 12/8 to 12/15 (2.1% increase)

- LA County accounts for 33.6% of cases in CA with an average of 11,232 new cases reported from 12/8 to 12/15 (2.4% increase)

- The City of LA accounts for 13.6% of cases in CA with an average of 4,340 new cases reported from 12/8 to 12/15 (2.3% 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

Prepared by Mayor’s Innovation Team
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Key Takeaways:

• An average of 163 Deaths reported in CA from 12/8 to 12/15 (0.8% increase)

• LA County accounts for 39.8% of deaths in CA with an average of 62 new deaths reported from 12/8 to 12/15 (0.8% increase)

• The City of LA accounts for 16.5% of deaths in CA with an average of 23 new deaths reported from 12/8 to 12/15 (0.7% increase)

Source: Los Angeles County Department of Public Health, Johns Hopkins Center for Systems Science and Engineering GitHub repo, and the LA Times.

Day of outbreak is identified as March 11, with prior cases aggregated to day 1. LA City death count lags several days.

CA’s new deaths/total for 11/24 do not include Los Angeles County.
Key Takeaways:
455 total beds

Since last week, there has been a:
• **19.4% decrease** in available acute care beds. Surge capacity is 11,482*

• **13.3% decrease** in available ICU beds. Surge capacity is 4,067*

• **4.9% decrease** in available ventilators. Surge capacity is 3,199*

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

Hospital Bed and Equipment Capacity for LA County
As of December 14 • One-day lag

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet.
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals

Prepared by Mayor’s Innovation Team
**Hospital Bed and Equipment Capacity for LA County**
As of December 14 • One-day lag

<table>
<thead>
<tr>
<th>ICU BEDS</th>
<th>ACUTE CARE BEDS</th>
<th>VENTILATORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>818</td>
<td>7,448</td>
<td>712</td>
</tr>
<tr>
<td>825</td>
<td>7,455</td>
<td>762</td>
</tr>
<tr>
<td>813</td>
<td>7,325</td>
<td>768</td>
</tr>
<tr>
<td>819</td>
<td>7,189</td>
<td>742</td>
</tr>
<tr>
<td>810</td>
<td>6,932</td>
<td>784</td>
</tr>
<tr>
<td>740</td>
<td>6,601</td>
<td>673</td>
</tr>
</tbody>
</table>

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

Source: County HavBed Bed Tracking and Los Angeles County Department of Public Health Services/Reddinet
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals

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

City Response and Preparedness
Hotline Services: 311 Calls

<table>
<thead>
<tr>
<th>COVID Related Calls</th>
<th>Non-COVID Related Calls</th>
<th>All 311/Hotline Calls Since 3/26</th>
<th>Total COVID Calls - Since 3/26</th>
<th>Total Calls for Angeleno Card</th>
</tr>
</thead>
<tbody>
<tr>
<td>365</td>
<td>2,891</td>
<td>691.6K</td>
<td>41.5K</td>
<td>30,455</td>
</tr>
</tbody>
</table>

KEY TAKEAWAYS

11% of the total 311 calls were COVID-related.

CALL THEMES

- Testing
- Parking complaints
- Rent or financial help
- Questions about orders or violations

Legend:

- 311 - COVID
- 311 - Non-COVID

Source: ITA - 311 Contact Center

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Key Takeaways:
• 5.2K new claims from 11/22-11/28, including Pandemic Unemployment Assistance (PUA).

  - Spiked on 3/28 with 112K new claims
  - This represents an increase of over 4500% from the weekly average from 1/1 - 3/7

*Note: A major PUA backlog was found and reported over the two-week period from 8/23-9/5*
Key Takeaways:
• September unemployment (seasonally-adjusted) is estimated at 12.3% for LA County. This is lower than September’s numbers (15.5%)

• 1,336,119 total claims for Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) in 2020
14.6% decrease compared to last year
• Jan to July 2019: $341,146,102
• Jan to July 2020: $291,253,631

City of LA Sales Tax Revenue
As of October 2020

Source: California EDD
Prepared by Mayor’s Innovation Team
End of Report
December 15, 2020