Los Angeles County Board of Supervisors
July 12, 2022
Set Item 2. Public Health Order

Barbara Ferrer, PhD, MPH, MEd
Director, Department of Public Health
**Past Week Status**

<table>
<thead>
<tr>
<th></th>
<th>M 7/11</th>
<th>Su 7/10</th>
<th>Sa 7/9</th>
<th>F 7/8</th>
<th>Th 7/7</th>
<th>W 7/6</th>
<th>Tu 7/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily new cases</td>
<td>3,710*</td>
<td>6,099*</td>
<td>8,349</td>
<td>6,416</td>
<td>5,316</td>
<td>4,879</td>
<td>2,945*</td>
</tr>
<tr>
<td>Daily deaths</td>
<td>9*</td>
<td>12*</td>
<td>18</td>
<td>18</td>
<td>13</td>
<td>14</td>
<td>10*</td>
</tr>
<tr>
<td>Daily hospitalizations of confirmed cases</td>
<td>1,079</td>
<td>1,068</td>
<td>1,014</td>
<td>1,021</td>
<td>989</td>
<td>920</td>
<td>886</td>
</tr>
<tr>
<td>Daily positivity rate (7-day avg)^</td>
<td>14.8%</td>
<td>14.8%</td>
<td>15.1%</td>
<td>15.6%</td>
<td>15.4%</td>
<td>14.9%</td>
<td>14.5%</td>
</tr>
<tr>
<td>Daily case rate (7-day avg)**</td>
<td>53</td>
<td>52</td>
<td>52</td>
<td>49</td>
<td>50</td>
<td>51</td>
<td>53</td>
</tr>
</tbody>
</table>

*Number reflects an undercount due to a lag from holiday or weekend reporting.

^Daily positivity rates do not include data from Long Beach and Pasadena

**Rate is per 100,000 residents
### 7-Day Average Daily COVID-19 Cases and Deaths by Report Date and Daily Hospital Admissions by Admit Date

**June 1, 2021 – July 11, 2022**

<table>
<thead>
<tr>
<th>Date</th>
<th>Average Daily Reported Number of Cases</th>
<th>Average Daily Hospital Admissions</th>
<th>Average Daily Reported Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/11/22</td>
<td>5,388</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak average cases of Delta 2021 surge = 3,520</td>
<td>Peak average hospital admissions of Delta 2021 surge = 215</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peak average cases of Omicron 21-22 surge = 41,689</td>
<td>Peak average hospital admissions of Omicron 21-22 surge = 644</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average hospital admissions on 7/7/22 = 128</td>
<td>Average cases on 7/11/22 = 5,388</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*C and death values include data from Long Beach and Pasadena.*
# CDC COVID-19 Community Levels

<table>
<thead>
<tr>
<th>New Cases (per 100,000 people in last 7 days)</th>
<th>New COVID-19 admissions per 100,000 population (7-day total)</th>
<th>Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average)</th>
<th>LA County Current Values</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fewer than 200</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicators</td>
<td>Low</td>
<td>Medium</td>
<td>High</td>
</tr>
<tr>
<td>New COVID-19 admissions per 100,000 population (7-day total)</td>
<td>&lt;10.0</td>
<td>10.0-19.9</td>
<td>≥20.0</td>
</tr>
<tr>
<td>Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average)</td>
<td>&lt;10.0%</td>
<td>10.0-14.9%</td>
<td>≥15.0%</td>
</tr>
<tr>
<td><strong>200 or more</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicators</td>
<td>Low</td>
<td>Medium</td>
<td>High</td>
</tr>
<tr>
<td>New COVID-19 admissions per 100,000 population (7-day total)</td>
<td>NA</td>
<td>&lt;10.0</td>
<td>≥10.0</td>
</tr>
<tr>
<td>Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average)</td>
<td>NA</td>
<td>&lt;10.0%</td>
<td>≥10.0%</td>
</tr>
</tbody>
</table>

The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days.

covid19.lacounty.gov  7/12/2022
*Includes cases from Long Beach and Pasadena

**Projection is an estimate only and is based on the rate of change between the 7-day cumulative reported admission counts between June 22 and July 5, 2022. **Projections are subject to change.**

7-Day Cumulative Hospital Admission Rate per 100,000 Population by Admission Date, Observed and Projected Values, Los Angeles County, June - July 2022

[covid19.lacounty.gov](https://covid19.lacounty.gov)
## LA County Early Alert Signals

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Low Concern</th>
<th>Medium Concern</th>
<th>High Concern</th>
<th>LA County Current Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of specimens sequenced that are identified as a new variant of concern (including subvariants) (based on WHO designation)&lt;sup&gt;1&lt;/sup&gt; <strong>Currently tracking: BA.4 and BA.5 combined</strong></td>
<td>&lt; 10%</td>
<td>10%-20%</td>
<td>&gt; 20%</td>
<td>40%</td>
</tr>
<tr>
<td>7-day average percent of Emergency Department encounters classified as coronavirus-related&lt;sup&gt;2&lt;/sup&gt;</td>
<td>&lt; 5%</td>
<td>5%-10%</td>
<td>&gt; 10%</td>
<td>9%</td>
</tr>
<tr>
<td>7-day cumulative age-adjusted case rate for the lowest income areas (30-100% area poverty)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>&lt; 100 per 100,000</td>
<td>100-200 per 100,000</td>
<td>&gt; 200 per 100,000</td>
<td>243 per 100,000</td>
</tr>
<tr>
<td>Number of sewer systems with a two-fold or greater increase in wastewater SARS-CoV-2 concentration&lt;sup&gt;3&lt;/sup&gt;</td>
<td>0</td>
<td>1-2</td>
<td>≥ 3</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of new outbreaks in skilled nursing facilities in past 7 days&lt;sup&gt;4&lt;/sup&gt;</td>
<td>≤ 10</td>
<td>11-20</td>
<td>&gt; 20</td>
<td>35</td>
</tr>
<tr>
<td>Number of new outbreaks in TK-12 school classrooms in past 7 days</td>
<td>≤ 7</td>
<td>8-14</td>
<td>≥ 15</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of new outbreaks in PEH settings in past 7 days&lt;sup&gt;4&lt;/sup&gt;</td>
<td>≤ 10</td>
<td>11-20</td>
<td>&gt; 20</td>
<td>14</td>
</tr>
<tr>
<td>Number of worksite cluster reports in past 7 days&lt;sup&gt;4&lt;/sup&gt;</td>
<td>&lt; 100</td>
<td>100-300</td>
<td>&gt; 300</td>
<td>318</td>
</tr>
</tbody>
</table>

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1 Current 7-day period is 6/12/22 – 6/18/22  
2 Current 7-day period is 7/2/22 – 7/8/22  
3 Current 10-day period is 6/18/22 – 6/27/22  
4 Current 7-day period is 7/4/22 – 7/10/22
SARS-CoV-2 Variants as a Percentage of All Specimens Sequenced for Baseline Variant Surveillance

*Includes descendant lineages (sub-lineages)

Percent of sequenced specimens

Week ending


All other Omicron Omicron BA.2 (Excludes BA.2.3* and BA.2.12.1) Omicron BA.2.3* Omicron BA.2.12.1 Omicron BA.4 Omicron BA.5

4.9% 5.8% 11.5% 11.6% 5.8% 9.0% 17.9% 28.2%

*Includes descendant lineages (sub-lineages)
7-Day Average Percent of Emergency Department (ED) Encounters Classified as Coronavirus-Related
March 1, 2022 – July 8, 2022

Emergency department (ED) arrival date

Percent coronavirus classified ED encounters

High
Medium
Low

0 0 5 0 7 5 10 0 15 0

03/04/22 03/08/22 03/13/22 03/16/22 03/20/22 03/23/22 03/26/22 03/29/22 04/01/22 04/04/22 04/07/22 04/10/22 04/13/22 04/16/22 04/19/22 04/22/22 04/25/22 04/28/22 05/01/22 05/04/22 05/07/22 05/10/22 05/13/22 05/16/22 05/19/22 05/22/22 05/25/22 05/28/22 06/01/22 06/04/22 06/07/22 06/10/22 06/13/22 06/16/22 06/19/22 06/22/22 06/25/22 06/28/22 07/01/22 07/04/22 07/07/22
7-Day Rolling Average Number of Active Outbreaks
April 1, 2022 – July 10, 2022
# Hospitalization and Death Rates (per 100,000) by Vaccination Status and Area Poverty

<table>
<thead>
<tr>
<th></th>
<th>&lt;10% Area Poverty</th>
<th>10-20% Area Poverty</th>
<th>20-30% Area Poverty</th>
<th>30-100% Area Poverty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hospitalizations</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fully vaccinated</td>
<td>26.5</td>
<td>31.8</td>
<td>32.5</td>
<td>38</td>
</tr>
<tr>
<td>Unvaccinated</td>
<td>34.6</td>
<td>94.4</td>
<td>206.2</td>
<td>398.3</td>
</tr>
<tr>
<td><strong>Deaths</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fully vaccinated</td>
<td>2.4</td>
<td>3.3</td>
<td>3.1</td>
<td>4</td>
</tr>
<tr>
<td>Unvaccinated</td>
<td>6.1</td>
<td>15.2</td>
<td>50.7</td>
<td>58.8</td>
</tr>
</tbody>
</table>

Fully vaccinated includes those with and without booster

<sup>1</sup> Hospitalization rates reflect the 90-day period ending on 6/28/2022.

<sup>2</sup> Death rates reflect the 90-day period ending 6/21/2022.
### COVID-Associated Deaths Per Year

<table>
<thead>
<tr>
<th>Year</th>
<th># of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>11,893</td>
</tr>
<tr>
<td>2021</td>
<td>14,462</td>
</tr>
<tr>
<td>2022 (through July 11)</td>
<td>4,390</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30,745</strong></td>
</tr>
</tbody>
</table>

### Average Annual Deaths Due to Select Other Causes

<table>
<thead>
<tr>
<th>Cause</th>
<th># of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza(^1)</td>
<td>1,464</td>
</tr>
<tr>
<td>&quot;Colds&quot; (upper respiratory tract infections)(^2)</td>
<td>1</td>
</tr>
<tr>
<td>Measles(^2)</td>
<td>0</td>
</tr>
<tr>
<td>Accidental Drug Overdose(^2)</td>
<td>2,039</td>
</tr>
<tr>
<td>Motor Vehicle Accidents(^2)</td>
<td>890</td>
</tr>
</tbody>
</table>

\(^1\) Data is a modeled estimate and is not an exact count. Average annual deaths was calculated by averaging the number of deaths per influenza season from the 2013-2014 influenza season to the 2017-2018 influenza season.

\(^2\) Average annual deaths was calculated by averaging the number of deaths in 2019 and 2020.
An effective mitigation plan must include strategies for reducing illness severity and death AND strategies for reducing spread.

**Strategies for reducing illness severity and death**
- Vaccinations
- Boosters
- Therapeutics

**Strategies for reducing disease spread**
- Masking
- Testing
Why Universal Masking is Important

35% lower case rates
in counties with mask mandates compared to counties without one
6 weeks after mandate, in 2020

23% lower case rates
in Arkansas school districts with universal mask requirements
compared to districts without mask requirements, in Fall 2021

83% lower odds of testing positive
for people in California who reported wearing a respirator (like N95, KN95)
compared to people who reported never wearing a mask, in Feb-Dec 2021

High community transmission hits workers and those with vulnerable health hardest
Universal masking is a key part of layering on protections like testing, vaccination, and treatment

covid19.lacounty.gov  7/12/2022

Indoor Masking Safety Measures

Ages 2 and older

Current indoor mask requirement
✓ Healthcare settings
✓ Public transit, transit hubs
✓ Long-term care settings
✓ Shelters and cooling centers
✓ Correctional facilities
✓ When required by a business or employer
✓ Outbreaks at worksites
✓ During the 10 days after a COVID diagnosis or exposure

Indoor mask requirement at these additional sites after LA County in High COVID-19 Community Level for 2 consecutive weeks
✓ Shared office space
✓ Manufacturing
✓ Retail
✓ Indoor event spaces
✓ Indoor areas in restaurants/bars
✓ Indoor areas at children’s programs
✓ Indoor areas in educational settings: early childhood care, summer school, higher education

www.ph.lacounty.gov/masks
7/12/2022
Los Angeles County Department of Public Health
MONKEYPOX UPDATE

For more information on Monkeypox, visit: ph.lacounty.gov/media/Monkeypox/
Situational Update

WORLDWIDE CASES: 9,400 ACROSS 57 COUNTRIES

UNITED STATES CASES: 866

LA COUNTY CASES: 60

- All adults, no cases in children
- Median Age: 35 years
- Over 50% associated with domestic or international travel
- Cases identified across the County

For more information on Monkeypox, visit:
ph.lacounty.gov/media/Monkeypox/
What are the signs and symptoms of Monkeypox?

Rashes, bumps, or blisters may appear in various forms:

For more information on Monkeypox, visit: ph.lacounty.gov/media/Monkeypox/
Monkeypox Virus Testing

Healthcare Providers should test any patients with suspected monkeypox

- All providers can collect specimens from a suspect case
- For patients without a provider, evaluation and testing is available through the DPH Sexual Health Clinics

Commercial testing is now available

- Labcorp and Mayo Clinic

DPH Public Health Lab continues to provide testing

- Over 150 suspect cases tested

For more information on Monkeypox, visit:
ph.lacounty.gov/media/Monkeypox/
Los Angeles County Department of Public Health - MONKEYPOX

Vaccine Effort To Date

INITIAL JYNNEOS VACCINE RECEIVED AND ADMINISTERED

DOSES RECEIVED LAST WEEK

NEW DOSES ALLOTTED BY CDC PENDING RECEIPT

For more information on Monkeypox, visit: ph.lacounty.gov/media/Monkeypox/
Los Angeles County Department of Public Health - MONKEYPOX

Vaccine Eligibility Expansion

BEGINNING MONDAY JULY, 11

1. People with a known exposure to a confirmed monkeypox case
2. Persons who attended an event where there was high risk exposure to a confirmed monkeypox case
3. NEW- Gay, bisexual and transgender women with a known diagnosis of rectal gonorrhea or early syphilis in the past 3 months
4. NEW- High risk cohorts in the LA County jail system

Public Health or clinic partners will directly communicate to eligible patients to provide details on how and where to access the JYNNEOS vaccine.

Vaccine will be available at 25 sites across Los Angeles County with 14 different providers as well as 8 DPH Community STD Clinics

For more information on Monkeypox, visit: ph.lacounty.gov/media/Monkeypox/
Next groups planned for vaccination:

- Patrons of Commercial Sex Venues (bathhouses)
- Gay, bisexual and transgender women eligible for HIV PrEP (pre-exposure prophylaxis)
- Gay, bisexual and transgender women living with HIV with high-risk behaviors
- Other vulnerable populations as informed by local epidemiology of cases
Communicating to the Public

Virtual Town Hall Meeting
Tuesday, July 12 at 6pm

Public Health Monkeypox Newsletter

Subscribe by Visiting:
ph.lacounty.gov/media/monkeypox/

For more information on Monkeypox, visit:
ph.lacounty.gov/media/Monkeypox/
Communicating to Healthcare Providers

• DPH Monkeypox Provider Website
  • Information on identification, testing including specimen collection, reporting, treatment, vaccination, infection control

• Los Angeles Health Alert Network (LAHAN)
  • Sent to over 23,000 providers with updates, guidance and resources

• Provider office hours starting for sites administering vaccine for training, support, and sharing of lessons and feedback

For more information on Monkeypox, visit: ph.lacounty.gov/media/Monkeypox/