

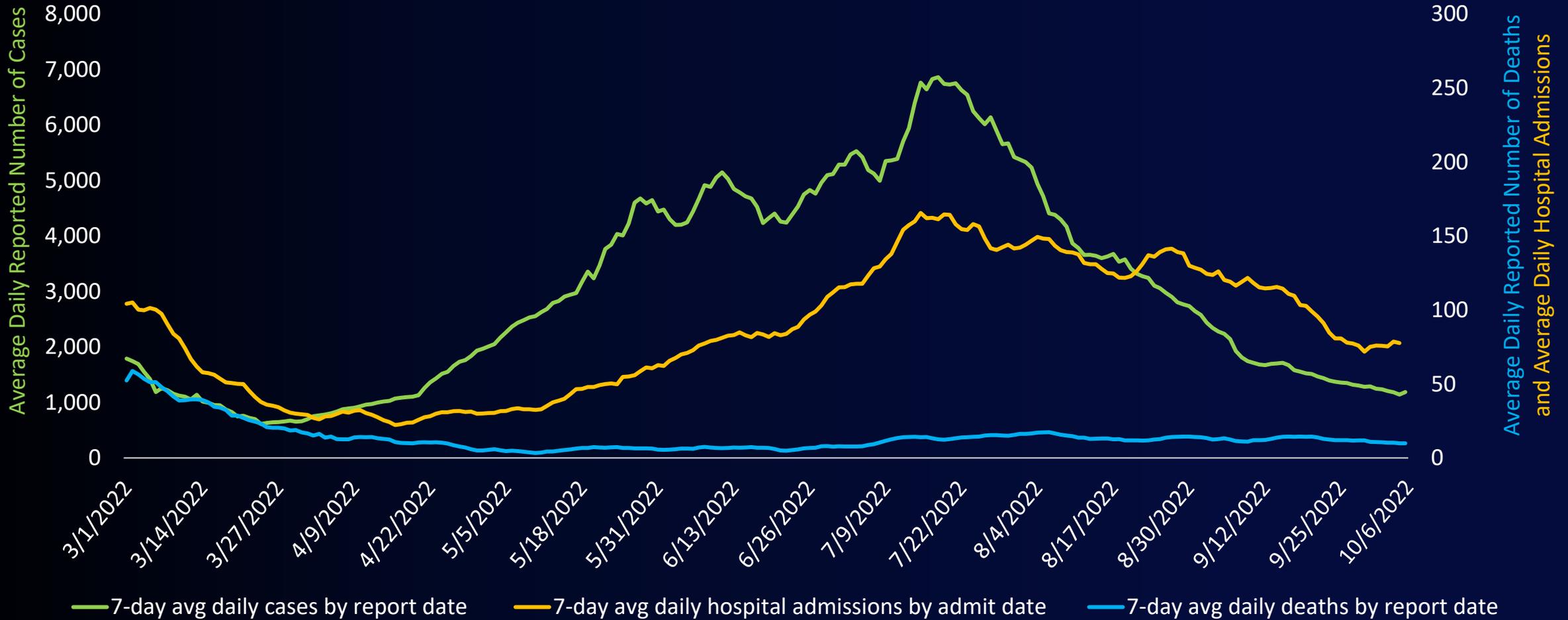
Media Briefing to Begin at 2:00pm



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10/6/2022

7-Day Average Daily COVID-19 Cases and Deaths by Report Date* and Daily Hospital Admissions by Admit Date March 1, 2022 – October 6, 2022



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*Case and death values include data from Long Beach and Pasadena.

CDC COVID-19 Community Levels

| New Cases (per 100,000 people in last 7 days) | Indicators | Low | Medium | High | LA County Current Values <u>New Cases:</u> 81/100,000 (as of 10/6/22) |
|--|--|--------|------------|--------|---|
| Fewer than 200 | New COVID-19 admissions per 100,000 population (7-day total) | <10.0 | 10.0-19.9 | ≥20.0 | 5.1 |
| | Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average) | <10.0% | 10.0-14.9% | ≥15.0% | 2.9% |
| 200 or more | New COVID-19 admissions per 100,000 population (7-day total) | NA | <10.0 | ≥10.0 | NA |
| | Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average) | NA | <10.0% | ≥10.0% | NA |

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.



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LA County Early Alert Signals

| Indicator | Thresholds | | | LA County Current Values |
|--|-------------------|---------------------|-------------------|--------------------------|
| | Low Concern | Medium Concern | High Concern | |
| Percent of specimens sequenced that are identified as a new subvariant of interest (based on WHO, CDC, or local designation) ¹ <i>Currently tracking: BA.4.6</i> | < 10% | 10%-20% | > 20% | 5% |
| 7-day average percent of Emergency Department encounters classified as coronavirus-related ² | < 5% | 5%-10% | > 10% | 4% |
| 7-day cumulative age-adjusted case rate for the lowest income areas (30-100% area poverty) ² | < 100 per 100,000 | 100-200 per 100,000 | > 200 per 100,000 | 57 per 100,000 |
| Average 14-day percentage increase in wastewater SARS-CoV2 concentration | < 10% | 10-100% | > 100% | Pending |
| Number of new outbreaks in skilled nursing facilities in past 7 days ³ | ≤ 10 | 11-20 | > 20 | 12 |
| Number of new outbreaks in TK-12 school classrooms in past 7 days ³ | ≤ 10 | 11-20 | >20 | 17 |
| Number of new outbreaks in PEH settings in past 7 days ³ | ≤ 10 | 11-20 | > 20 | 2 |
| Number of worksite cluster reports in past 7 days ³ | < 150 | 150-350 | > 350 | 54 |



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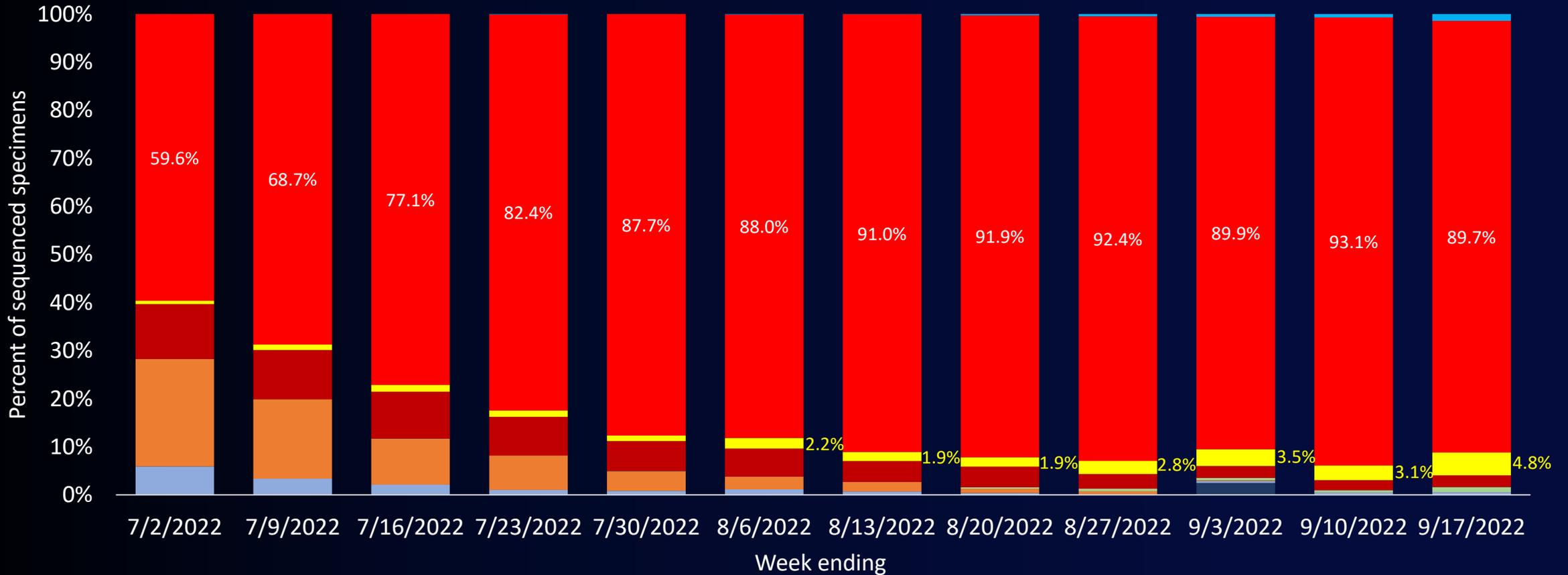
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1 Current 7-day period is 9/11/22 – 9/17/22

2 Current 7-day period is 9/26/22 – 10/2/22

3 Current 7-day period is 9/28/22 – 10/4/22

SARS-CoV-2 Variants as a Percentage of All Specimens Sequenced for Baseline Variant Surveillance



- All other Omicron
- Omicron BA.2.75
- Omicron BA.5 (Excludes BF.7)
- Omicron BA.2 (Excludes BA.2.12.1 and BA.2.75)
- Omicron BA.4 (Excludes BA.4.6)
- BF.7
- Omicron BA.2.12.1
- Omicron BA.4.6

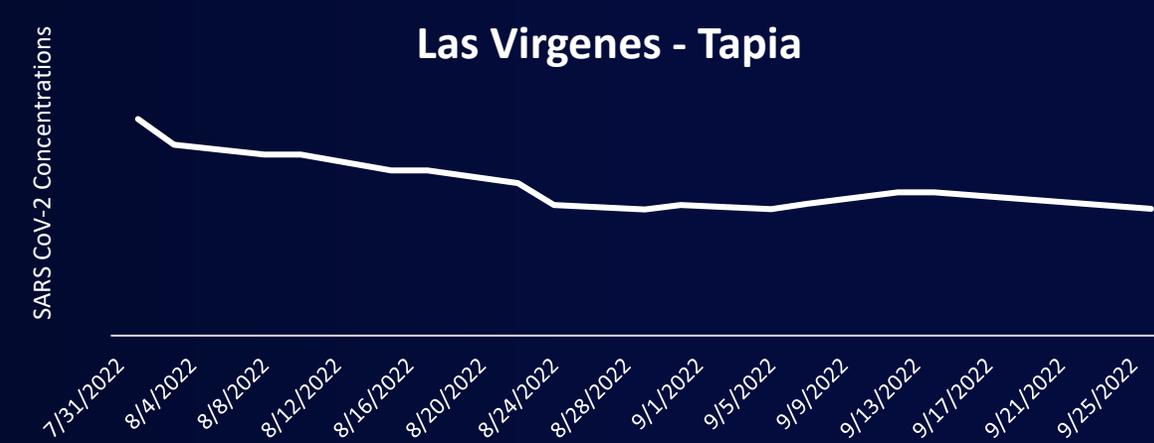
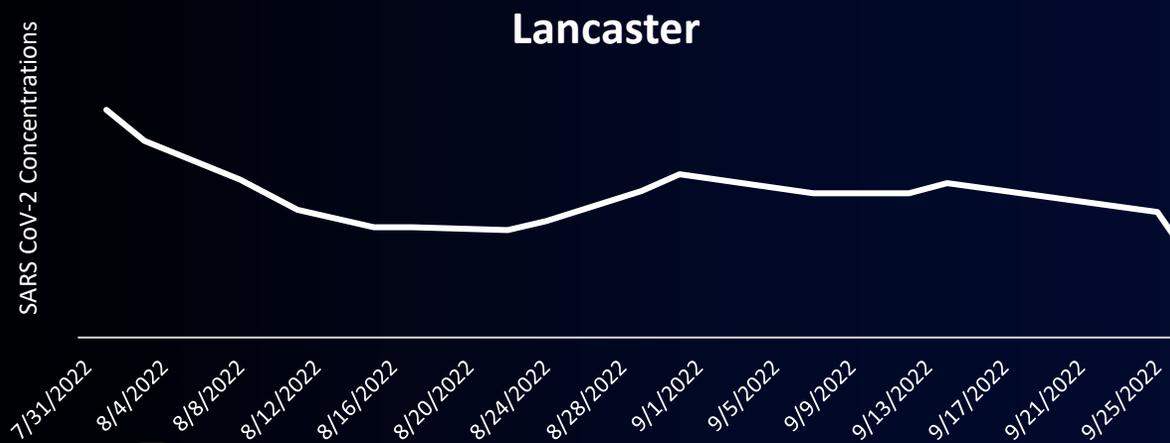
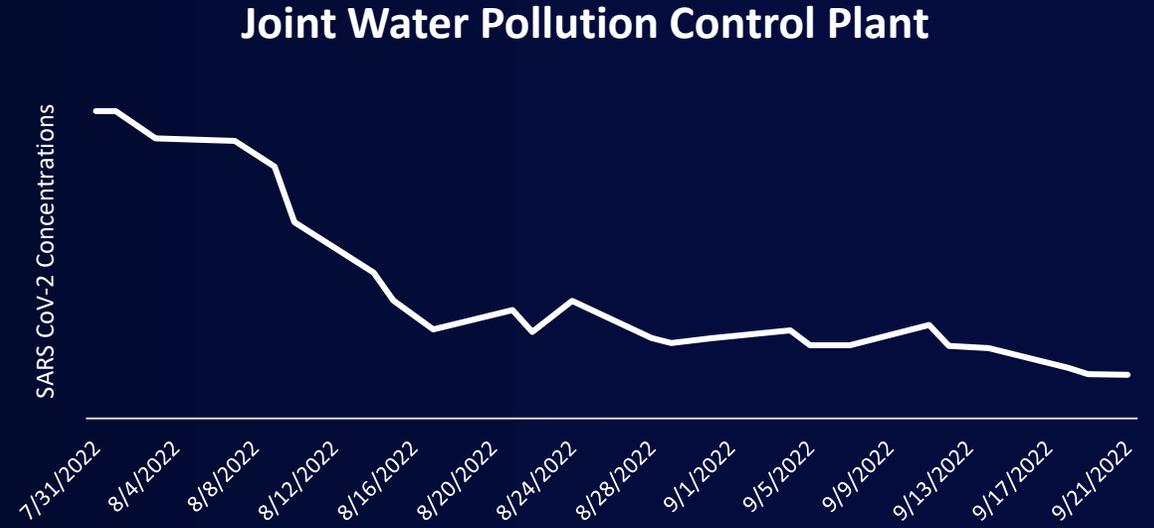
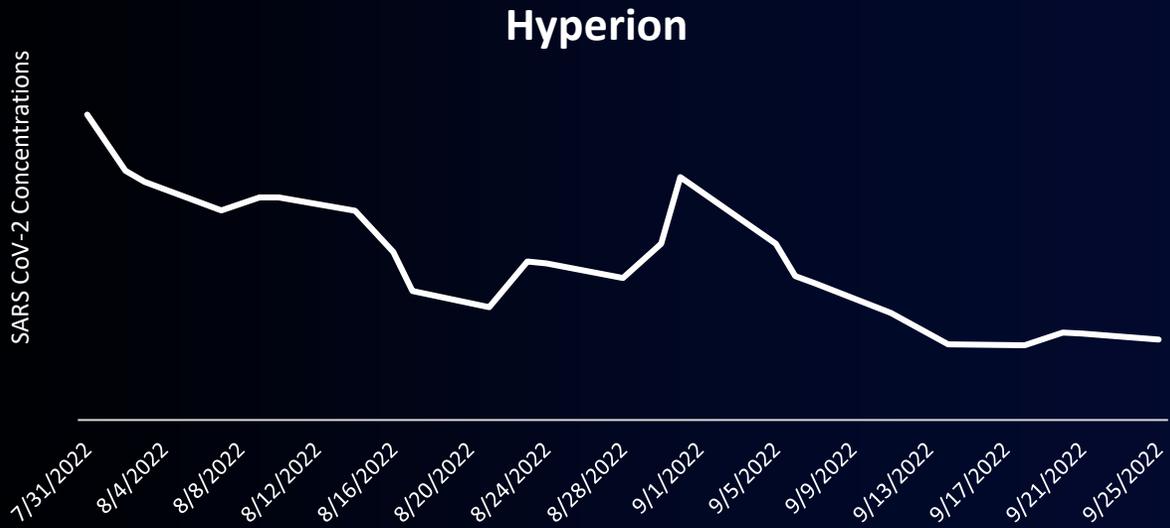


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*BF.7 is also known as BA.5.2.1.7

SARS-CoV-2 Wastewater Concentration at Four Sewersheds in LA County, July – September 2022*



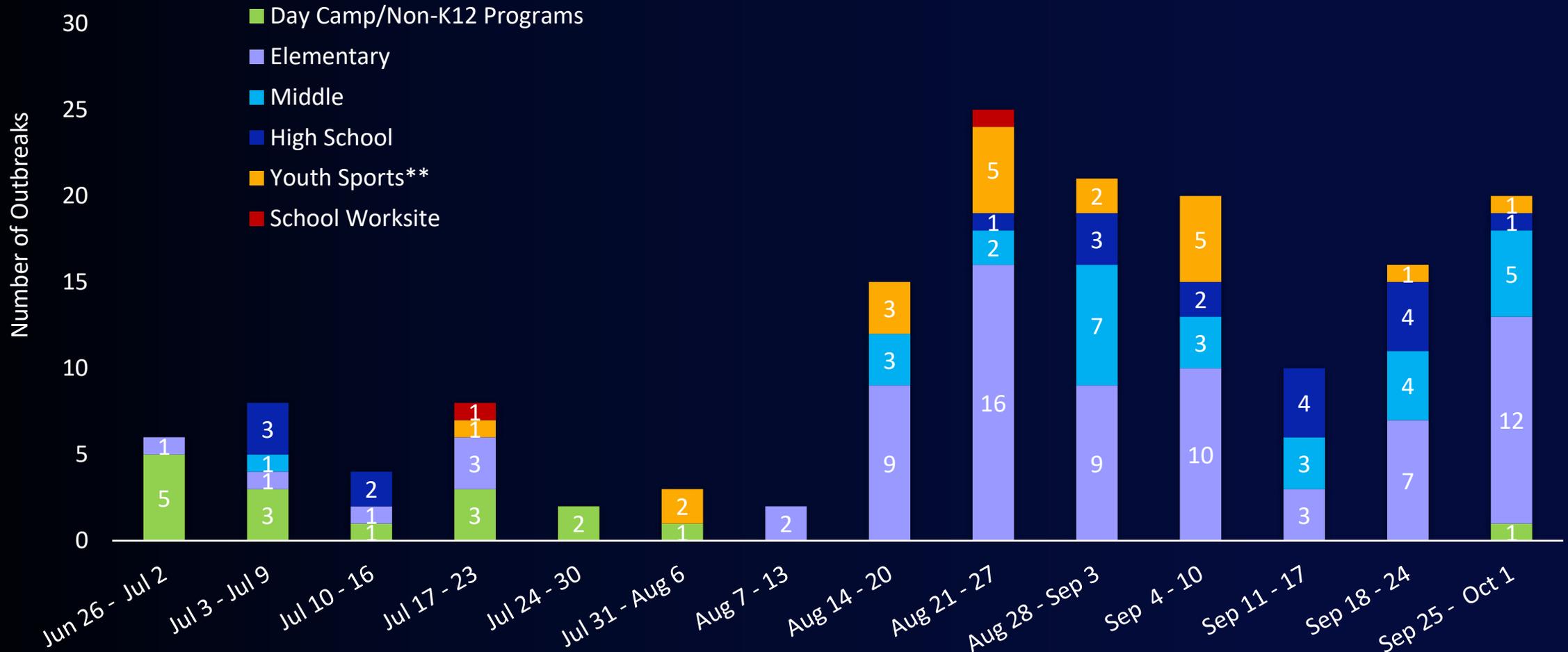
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*Data are smoothed, normalized average wastewater SARS-CoV-2 concentrations.

COVID-19 Outbreaks in TK-12 Schools and Youth Programs

June 26, 2022 – October 1, 2022*



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*Outbreaks are reported by the date the outbreak investigation was opened. Outbreaks may still be open and under investigation. Location of outbreaks in TK-12 include classroom and other locations within the school setting.

** All but two of the Youth Sports Outbreaks have been in a high-school setting.

Multisystem Inflammatory Syndrome in Children (MIS-C) Cases by Age in LA County Cumulative through October 3, 2022

| Age Group | Number of MIS-C Cases | Percent of MIS-C Cases |
|------------------|------------------------------|-------------------------------|
| <1 year | 15 | 5% |
| 1-4 years | 97 | 30% |
| 5-9 years | 84 | 26% |
| 10-14 years | 82 | 26% |
| 15-20 years | 41 | 13% |
| TOTAL | 319 | -- |



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Long COVID & Long-term Health Disorders after COVID-19



Long COVID: Symptoms lasting 1 month or longer

- Fatigue, reduced exercise capacity, breathing problems, brain fog, loss of taste and smell, sudden hair loss lasting months (*Abrantes 2021*)
- Estimates vary: 13-37%. Higher risk if hospitalized (*CDC, Chen 2022*)
- **New Study:** 31% of infected, non-hospitalized healthcare workers in Italy over 2 years in Italy reported having Long COVID (*Azzolini 2022*)

Long-term Health Disorders: Increased risk associated with COVID-19 infection

New Study: At 12 months, those who had COVID had a 42% higher risk of neurologic disorders (*Xu 2022*)



Reinfections: At 6 months, 2x higher risk of dying, 3x higher risk of needing hospital care, 2.5x higher risk of developing heart or lung disease, problems with blood vessels and blood clotting infection compared to those infected just once (*Al-Aly 2022 preprint*)

REDUCING RISK of Long COVID

Vaccination reduces risk of Long COVID – 2 New Studies

- Review of 6 studies found vaccines reduced risk of developing Long-COVID (*Notarte 2022*)
- Study of 2,500 healthcare workers in Italy followed between March 2020 - March 2022 (*Azzolini 2022*)
 - Compared to those unvaccinated, being vaccinated before getting COVID reduced the chances of developing Long COVID:
 - 2 doses -> Approximately 75% lower chance
 - 3 doses -> Approximately 84% lower chance



30-Day Age-Adjusted Rate Ratios¹ of Cases, Hospitalizations, and Deaths per 100,000 by Vaccination Status, Ages 5+

Groups Being Compared

| | Groups Being Compared | |
|-------------------------|---------------------------------------|---|
| | Unvaccinated | Unvaccinated |
| | to | to |
| | Fully vaccinated (no booster dose) | Fully vaccinated + booster dose ² |
| Cases | 2.9 | 1.9 |
| Hospitalizations | 3.6 | 4.3 |
| Deaths | 4.1 | 6.7 |

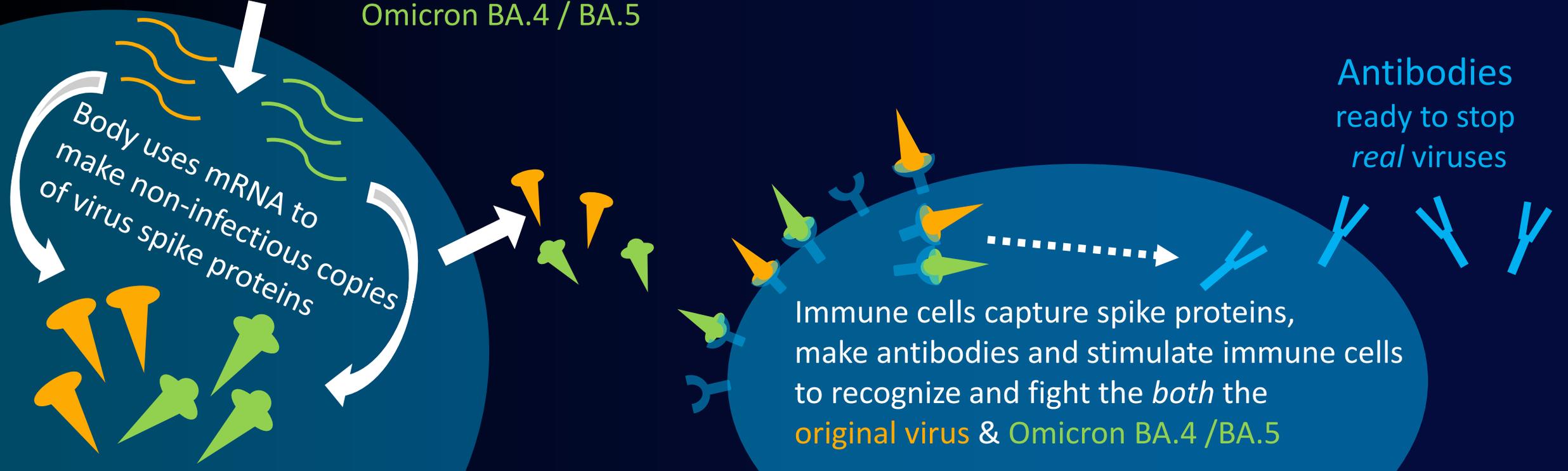


A bivalent booster dose is crucial for response against Omicron.

Vaccine contains mRNA that codes for just a fragment of the virus: the outer spike protein. Bivalent booster contains mRNA for both **Original virus** & **Omicron BA.4 / BA.5**

Bivalent booster doses

- Retain and update protection
- Give a boost in immunity for winter season
- Has potential for increased protection against Omicron BA.4 and BA.5



Who is eligible for the new bivalent COVID booster?

Pfizer Bivalent Booster for age 5-11 may be available as soon as October 19

Anyone age 12+ who received at least their primary COVID-19 vaccine series

It has been at least 2 months since primary vaccine series or since last booster



Age 12-17
Pfizer only

Brand does not have to match primary series



Age 18+
Pfizer or Moderna



[covid19.lacounty.gov](https://www.covid19.lacounty.gov)

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[VaccinateLACounty.com](https://www.VaccinateLACounty.com)

Bivalent booster doses administered and eligibility by age groups among Los Angeles County residents age 12+ based on data as of 10/02/2022

| Age Group | Number of individuals who are eligible for a bivalent booster dose | Number (%) of individuals who are eligible and received at least one bivalent booster dose within the eligible period |
|-------------------------------|--|---|
| 12-17 | 593,814 | 10,680 (2%) |
| 18-29 | 1,325,586 | 30,989 (2%) |
| 30-49 | 2,288,754 | 96,328 (4%) |
| 50-64 | 1,623,014 | 91,241 (6%) |
| 65+ | 1,245,895 | 125,847 (10%) |
| Total 12+ years of age | 7,077,064 | 355,085 (5%) |



Transportation & In-home COVID-19 vaccination available



You may be eligible for this free service if you:

- Cannot easily leave your home due to a health condition
- Are reliant on in-home equipment
- Do not have accessible transportation

For requests or questions call

(833)540-0473

Open 7 days a week, 8am-8:30pm

ph.lacounty.gov/VaxAtHome

It is highly recommended that older adults and people with underlying health conditions receive the updated booster as soon as possible.



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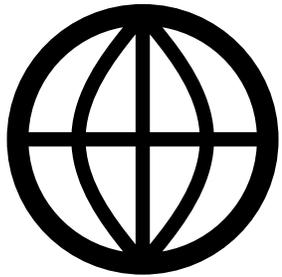
Los Angeles County Department of Public Health **MONKEYPOX UPDATE**

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



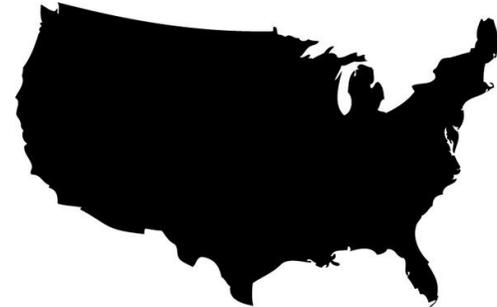
Monkeypox Situational Update

Latest Data Available as of 10/06/22, 9 am



WORLDWIDE

- CASES: **70,420**
- DEATHS: **14**



UNITED STATES

- CASES: **26,311**
- DEATHS: **2**



| Jurisdiction | Cases |
|--------------|--------------|
| LA County | 2,072 |
| Long Beach | 114 |
| Pasadena | 27 |

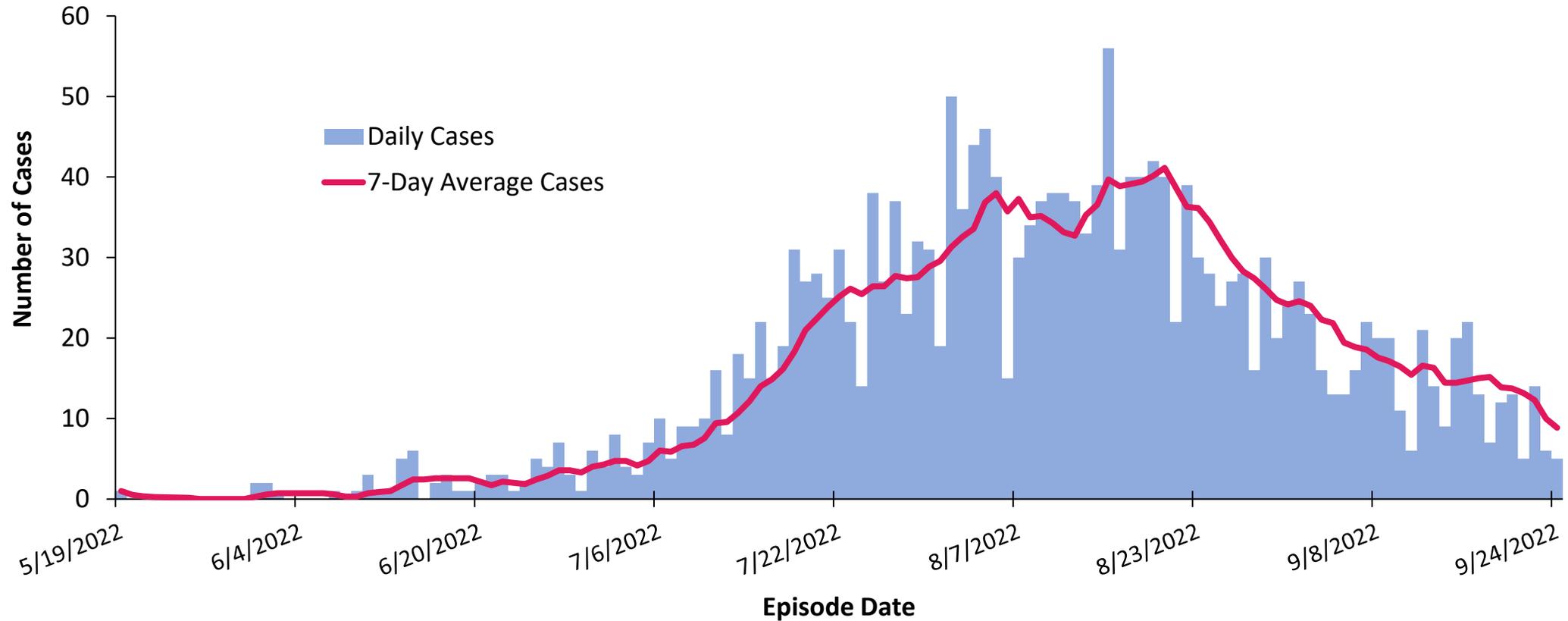
*Not including Long Beach and Pasadena

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



Monkeypox Cases by Episode Date

May 19, 2022 – September 24, 2022



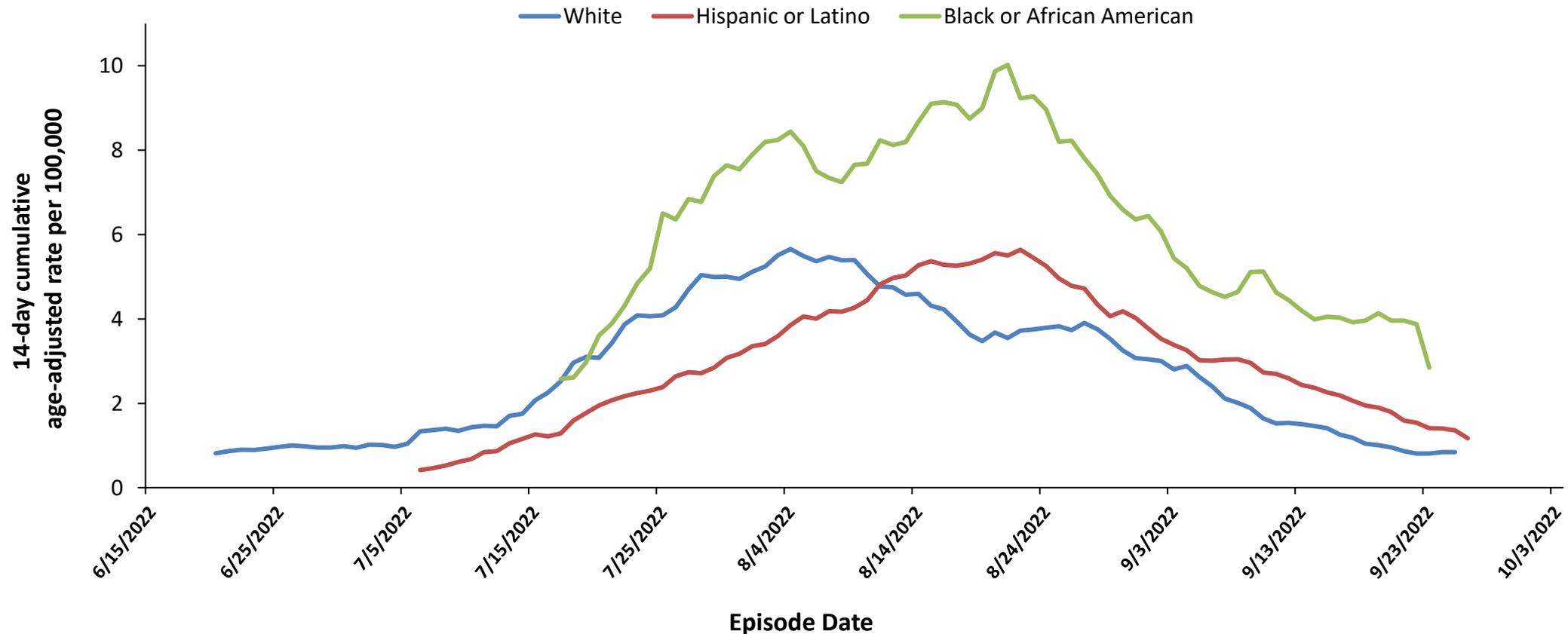
Episode date is the approximate date the illness began. Data is subject to change as more is learned about the onset of each case. The most recent 10 days are incomplete and excluded from this graph.

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



Monkeypox Case Rates by Race/Ethnicity and Episode Date

14-Day Cumulative Age-Adjusted Rates, June 2022 - September 2022



Episode date is the approximate date the illness began. Data is subject to change as more is learned about the onset of each case. The most recent 7 days are incomplete and excluded from this graph. Adjusted Rate is age-adjusted by year 2000 US Standard Population. Adjusted rates account for differences in the distribution of age in the underlying population.

Rates for some race categories are not shown due to unstable values.

Rate is considered unstable if the relative standard error is 23 percent or more of the rate estimate or if the frequency was less than 20.



Monkeypox Vaccination Efforts To Date As of 10/5/22

Monkeypox Vaccinations Administered

Total Doses Administered

53,126 Vials

72% of Total Vials

98,856 Doses

50% of Total Doses

Vaccination Status

- **Persons Vaccinated with At Least One Dose: 70,670**
- **Persons Vaccinated with Two Doses: 27,657**

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



If You Think You May Have Been Exposed or May Have Monkeypox



See a healthcare provider as soon as possible and tell them about your exposure or symptoms.

- If you don't have monkeypox symptoms and have not completed the 2-dose vaccine series, get vaccinated.
- If you have monkeypox symptoms, get tested and evaluated for TPOXX treatment.



If you're immunocompromised – including living with HIV – and are exposed to monkeypox or develop a rash or illness consistent with monkeypox, seek medical care.



If you were exposed to monkeypox through sexual contact, get tested for HIV and other STIs.



If you're diagnosed with monkeypox:

- Follow Public Health's [isolation instructions](#) for people with monkeypox.
- Ask your provider whether TPOXX, which is prescribed for people with severe monkeypox disease or at high risk for severe disease, is recommended for you.

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



Resources

**For More Information on Monkeypox and
Options for Getting Vaccinated, Visit:**

ph.lacounty.gov/Monkeypox

**If you do not have Access to the Internet or Need Information,
Call the DPH Call Center at 1-833-540-0473.**

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





COUNTY OF LOS ANGELES

Public Health



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