

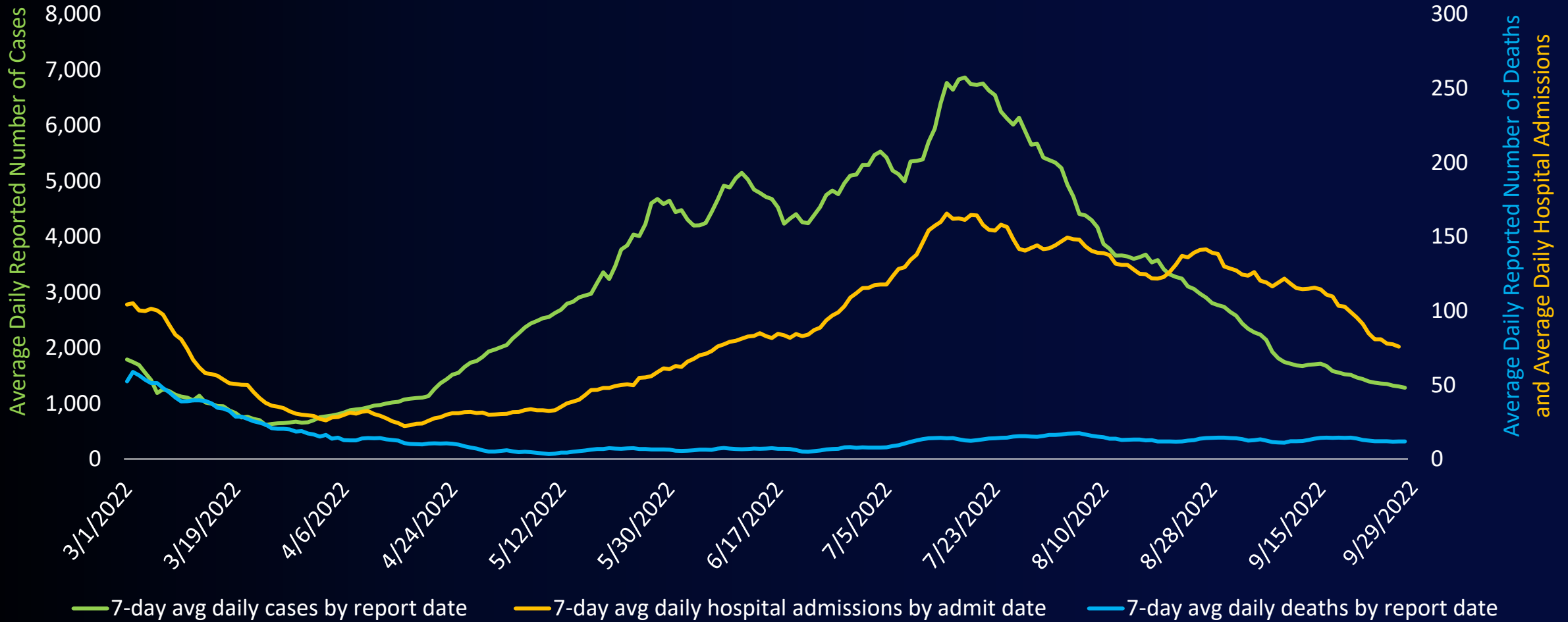
Media Briefing to Begin at 2:00pm



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9/29/2022

7-Day Average Daily COVID-19 Cases and Deaths by Report Date* and Daily Hospital Admissions by Admit Date March 1, 2022 – September 29, 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> 88/100,000 (as of 9/29/22)
Fewer than 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0	4.9
	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%	3%
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	62 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	11
Number of new outbreaks in TK-12 school classrooms in past 7 days ³	≤ 10	11-20	>20	11
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	72



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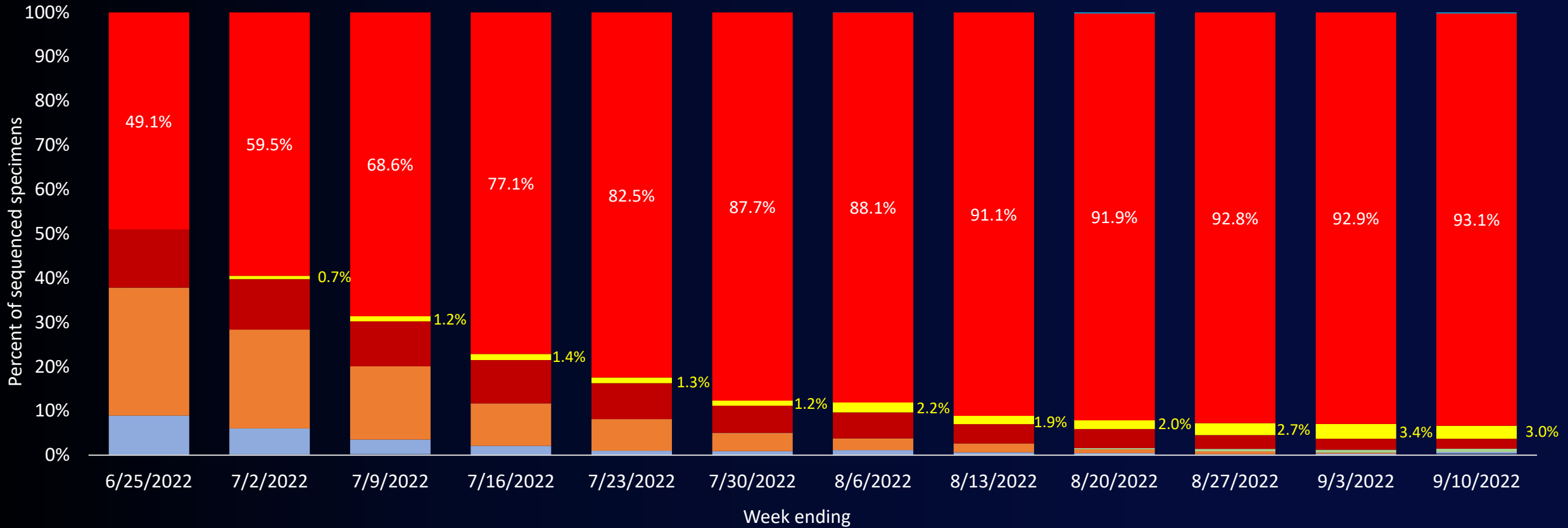
9/29/2022

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

2 Current 7-day period is 9/19/22 – 9/25/22

3 Current 7-day period is 9/21/22 – 9/27/22

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

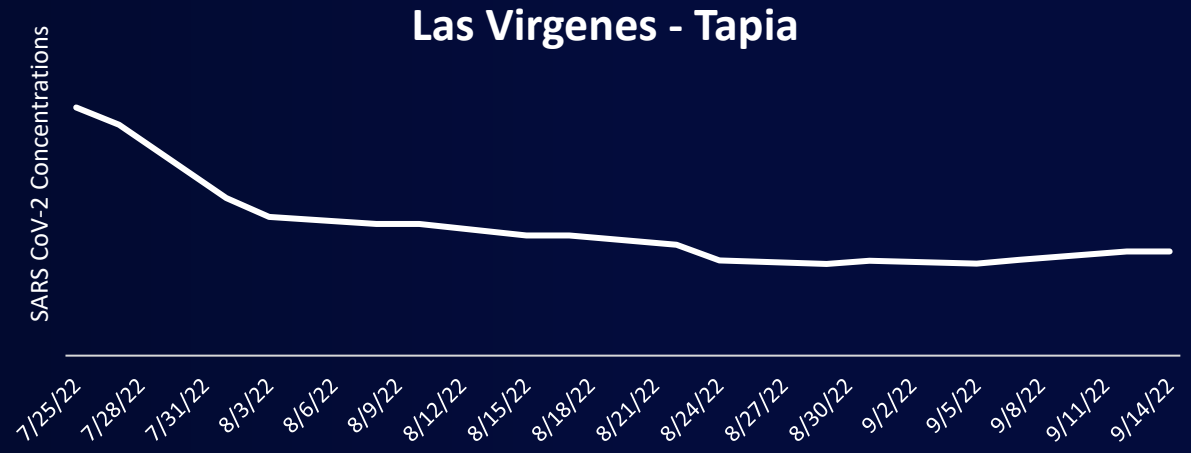
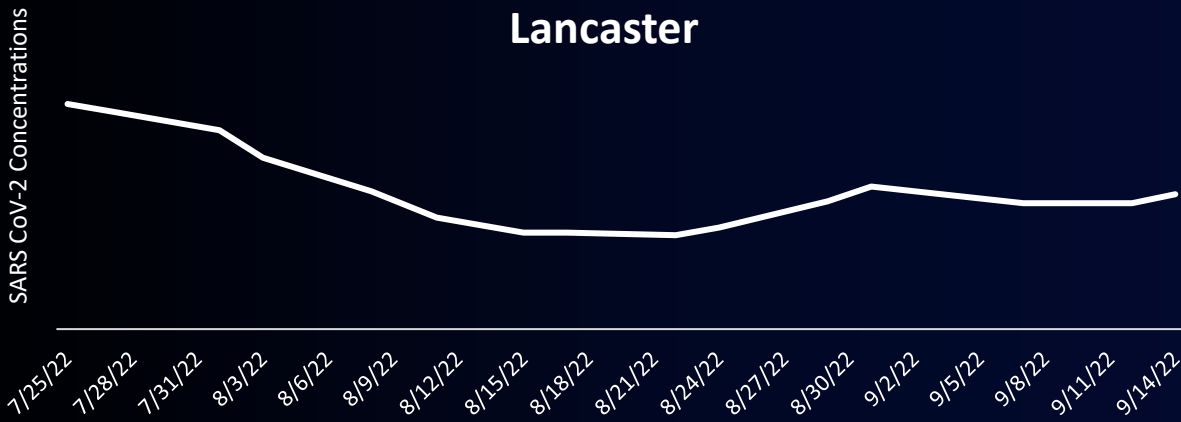
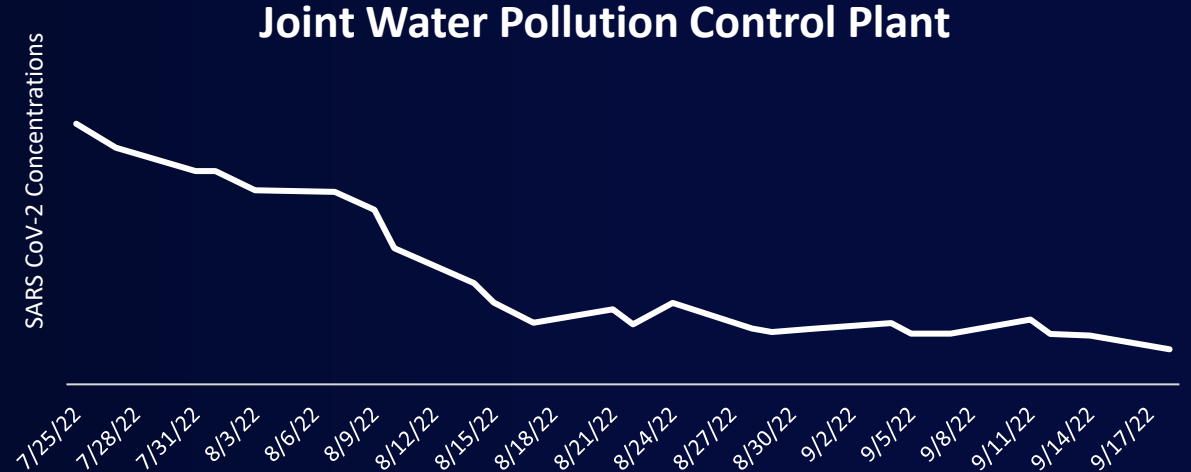
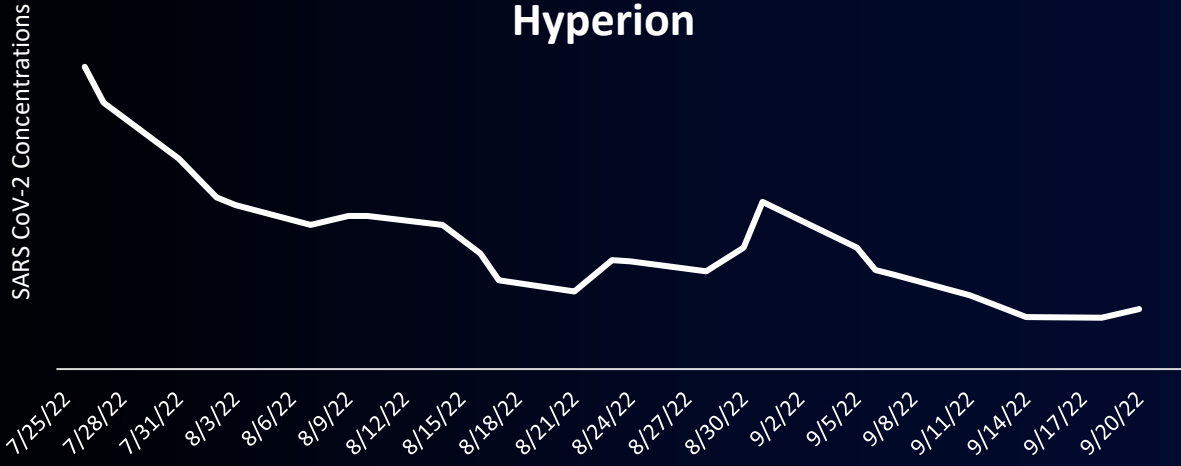


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*BF.7 is also known as BA.5.2.1.7

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

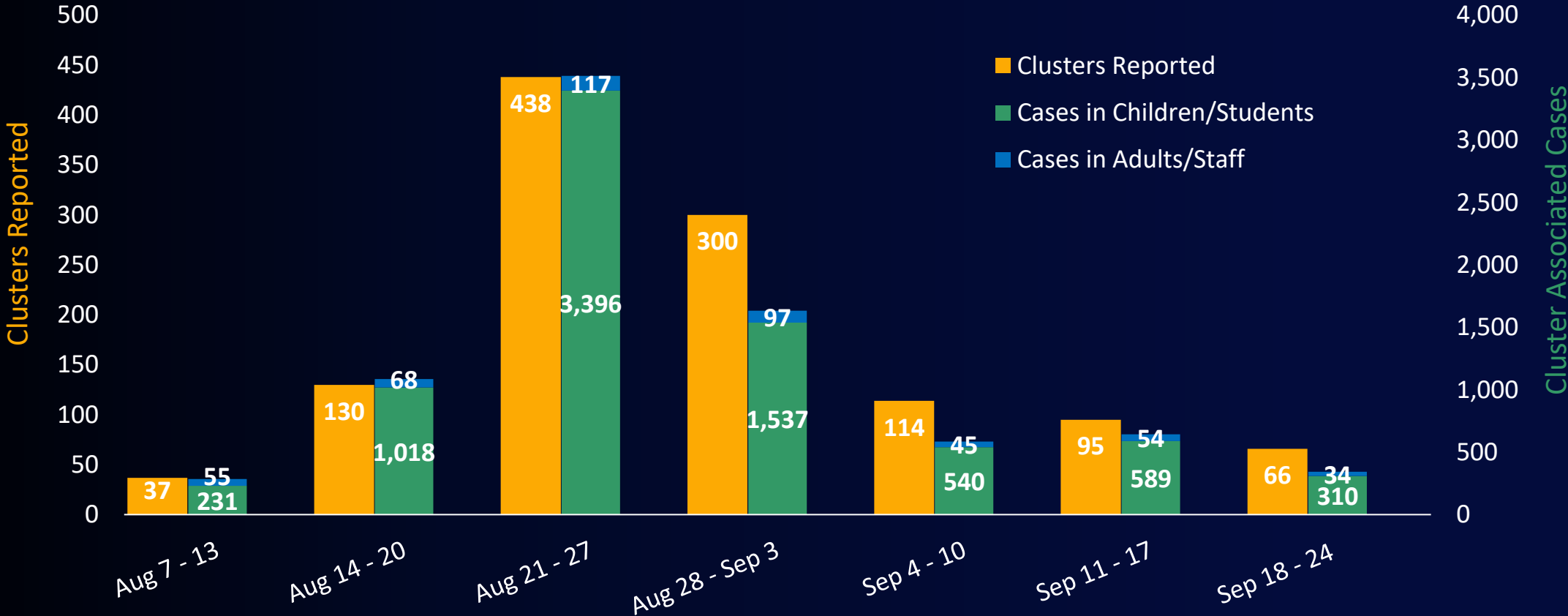


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*Data are smoothed, normalized average wastewater SARS-CoV-2 concentrations.

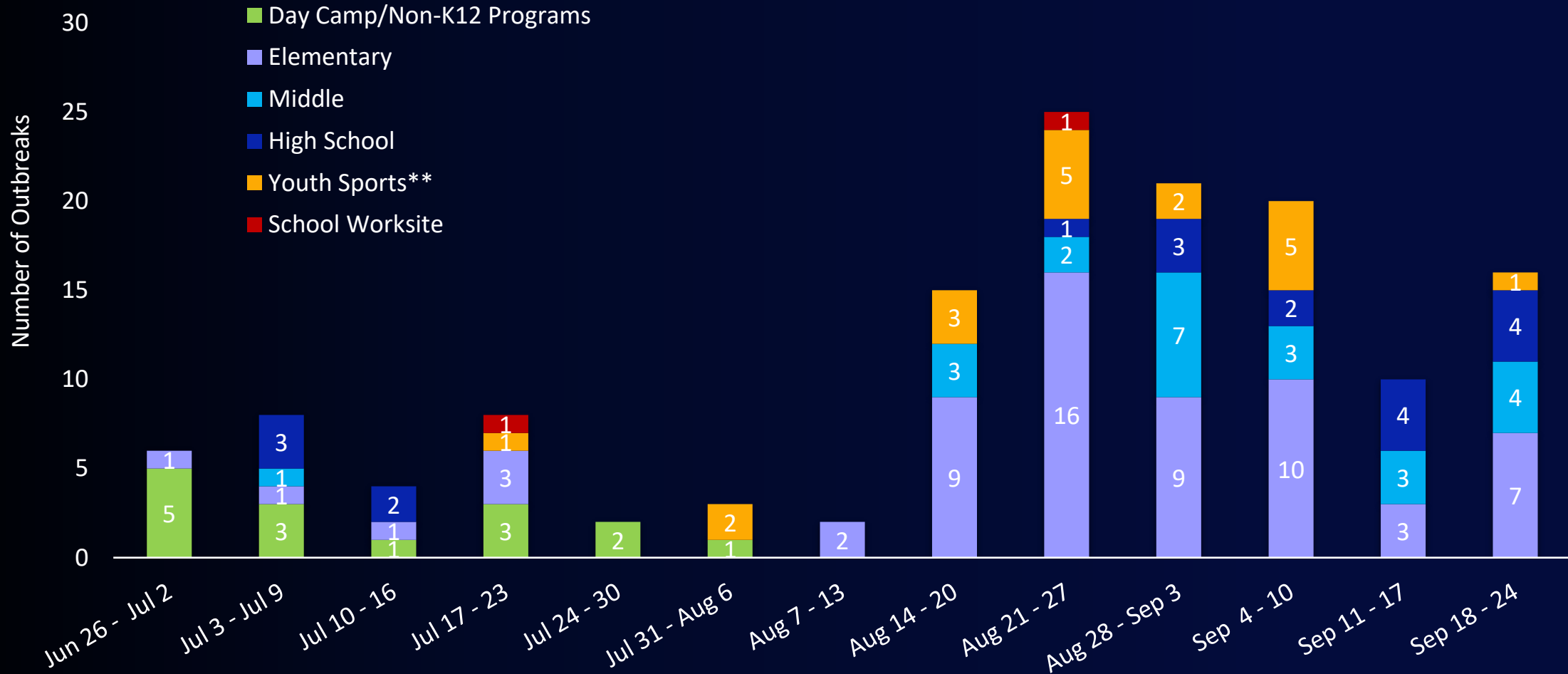
TK-12 School and Youth Program¹ COVID-19 Clusters² and Cluster-Associated Cases³ August 7, 2022 – September 24, 2022



¹ TK-12 reporting is inclusive of TK-12 schools and programs serving youth including TK-12 non-instructional worksites, afterschool and day care, camps, and youth sports programs.
² Education clusters are 3 or more cases within a 14-day period as reported by school liaisons. Clusters can represent outbreaks or non-outbreaks. There may be multiple clusters at a single location.
³ Cases include laboratory confirmed cases and unconfirmed cases (e.g., positive results from over-the-counter tests) reported by Education Sites.

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

June 26, 2022 – September 24, 2022*



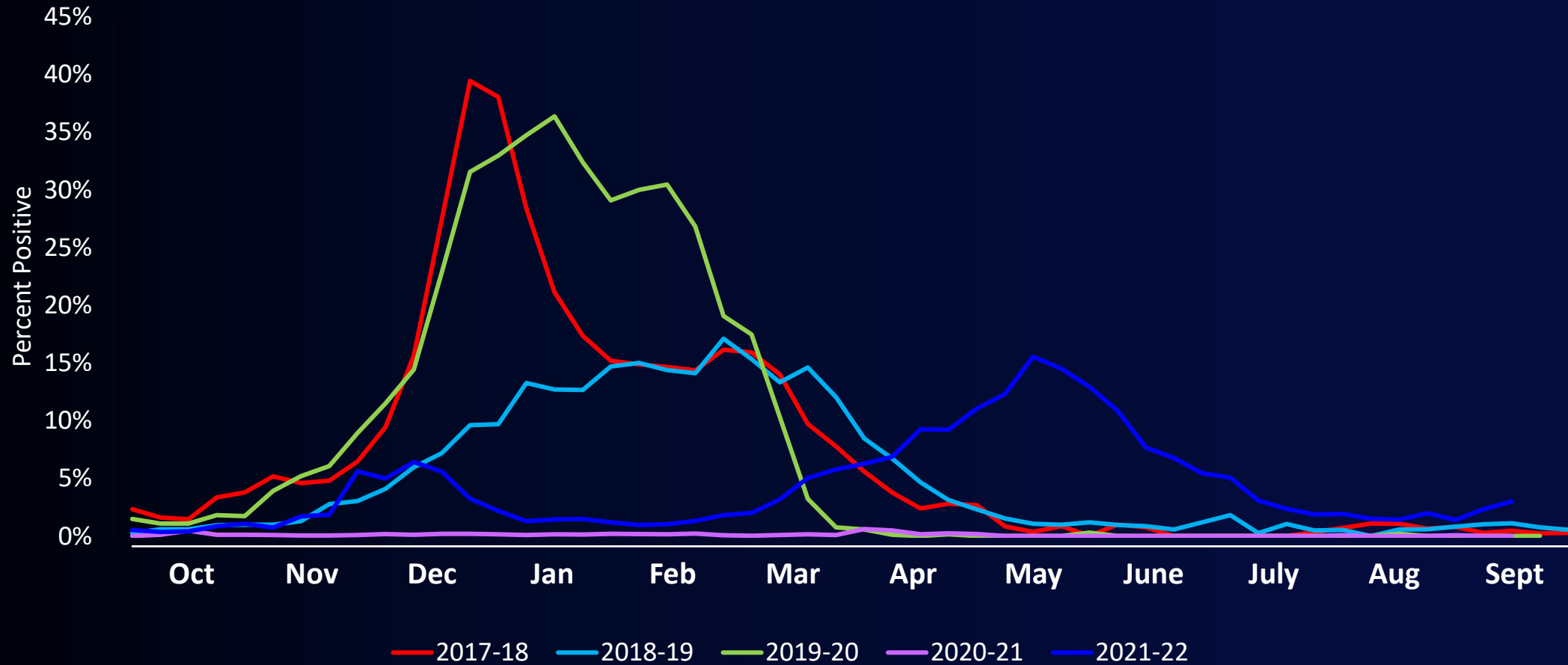
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*Outbreaks are reported by the date the outbreak investigation was opened. Outbreaks may still be open and under investigation. Location of outbreaks in TK-12 include classroom and other locations within the school setting.

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

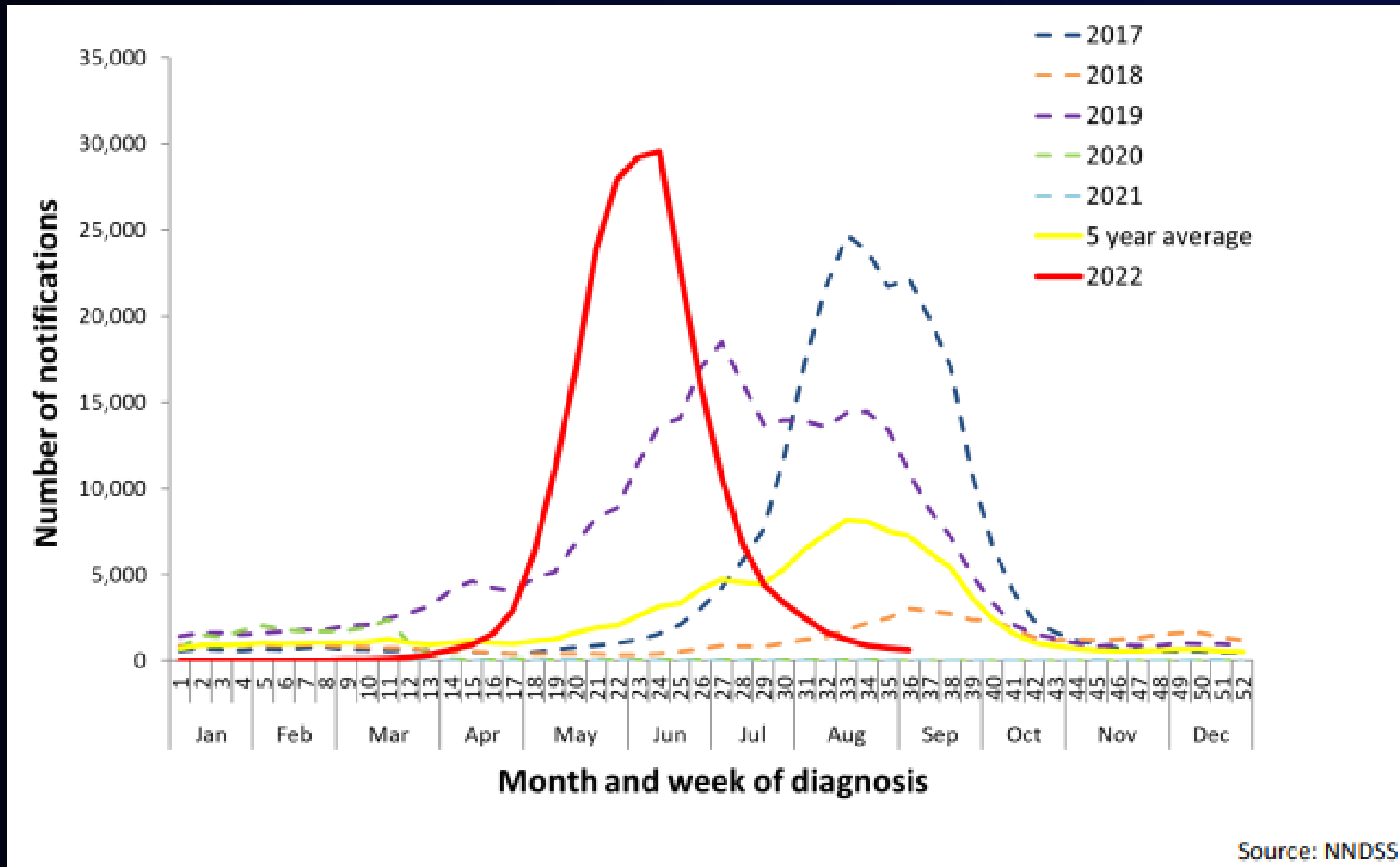
Percentage of Respiratory Specimens Testing Positive for Influenza at LA County Sentinel Surveillance Laboratories by Season, 2017-18 through 2021-2022



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Australia Influenza Data: Notifications of laboratory-confirmed influenza from 2017 to 2022



Source: NNDSS

Data Source: Australian Influenza Surveillance Report No. 12, 2022.

[https://www1.health.gov.au/internet/main/publishing.nsf/Content/cda-surveil-ozflu-flucurr.htm/\\$File/flu-12-2022.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/cda-surveil-ozflu-flucurr.htm/$File/flu-12-2022.pdf)

Why respiratory viruses like COVID-19 and Influenza spread more easily in fall & winter

More mixing & mingling indoors

- More gatherings during holidays
 - More chances of transmission of virus between households
- More travel
 - Virus more likely to be carried long distances
- More time indoors
 - Respiratory viral exposure risk is always higher indoors than outdoors



Winter weather

- Colder air + lower absolute humidity
 - Cold air holds less water than warm air, often has lower absolute humidity
- Virus particles travel further, last longer
- More stress on respiratory tract
 - Dry mucus membranes with lower blood flow, reduced body defenses



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Nottmeyer et al, 2023. <https://doi.org/10.1016/j.scitotenv.2022.158636>

Neuman & Kawaoka, 2022. <https://www.embopress.org/doi/full/10.15252/emmm.202115352>

Who is most vulnerable for respiratory diseases in winter months?



- Older adults
- Unvaccinated
- Have compromised immune systems or underlying health conditions
- Interact often with general public, especially if poor ventilation

Includes millions of LA County residents and workers



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

9/29/2022

Getting your COVID-19 bivalent booster & influenza vaccine this fall and winter



COVID-19 Bivalent booster

Over 7 million eligible in LA County.
Almost 250,000 (4%) have received it
as of 9/25/22.

When should I get the bivalent COVID booster?

- 2 months after most recent COVID vaccination for those 12 and older
- May also become available for age 5-11 later in October

Where can I get *both* the annual flu vaccine *and* COVID bivalent booster?

- Most pharmacies have both
- Public Health vaccine sites all have bivalent booster now, will have flu vaccines by mid-October
- Find a location - [VaccinateLACounty.com](https://www.vaccinatelacounty.com)

Can I get both the COVID-19 bivalent booster and the flu vaccine at the same time?

- Yes!

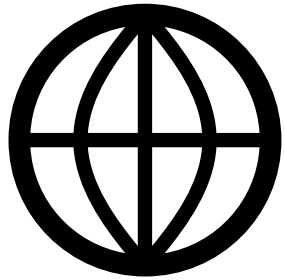
Los Angeles County Department of Public Health **MONKEYPOX UPDATE**

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



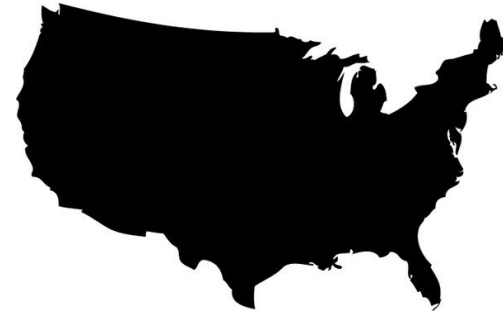
Monkeypox Situational Update

Latest Data Available as of 9/29/22, 9 am



WORLDWIDE

- **CASES: 67,602**
- **DEATHS: 12**



UNITED STATES

- **CASES: 25,509**
- **DEATHS: 1**



Jurisdiction	Cases
LA County	2,023
Long Beach	110
Pasadena	27

*Not including Long Beach and Pasadena

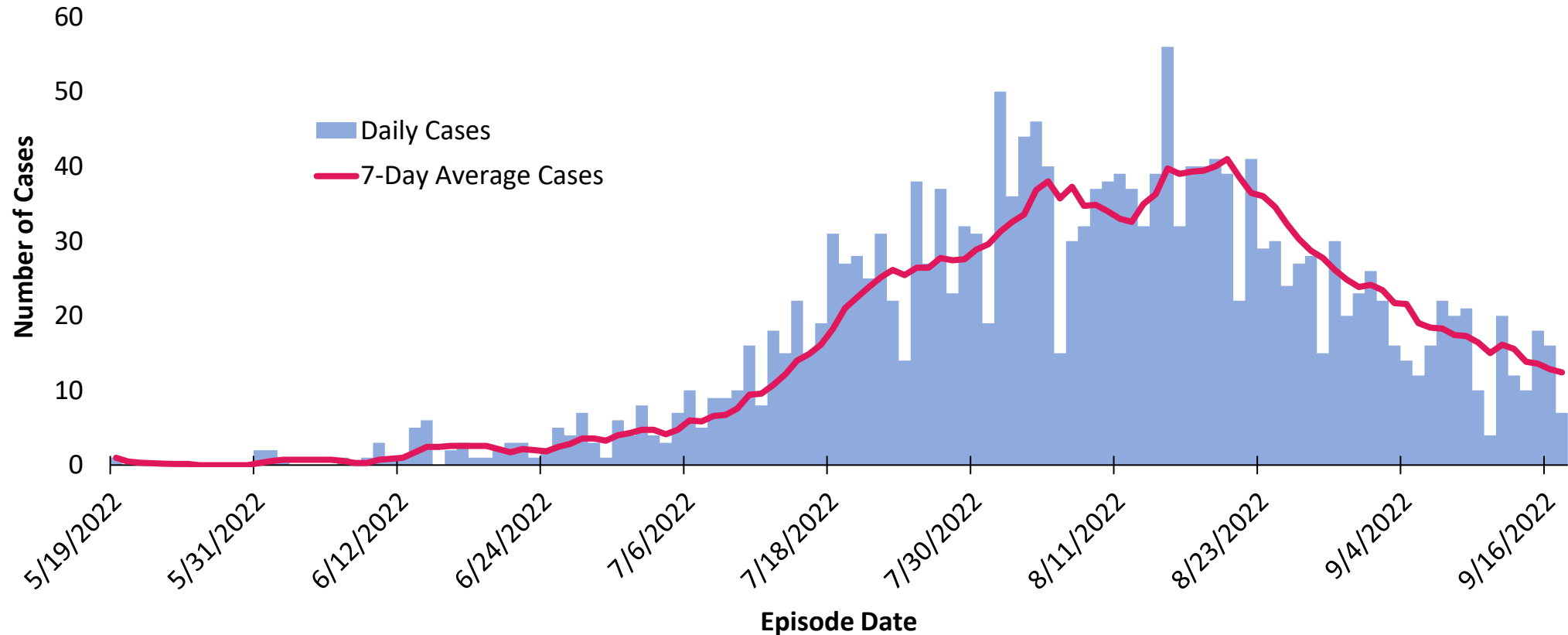
- Median Age: 35 years
- 97% male; 93% LGBTQ+
- 110 cases among Persons Experiencing Homelessness
- 3 confirmed cases in jail
- 84 hospitalizations

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



Monkeypox Cases by Episode Date

May 19, 2022 – September 17, 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 Vaccination Efforts To Date As of 9/28/22

Monkeypox Vaccinations Administered

Total Doses Administered

51,701 Vials

70% of Total Vials

93,798 Doses

48% of Total Doses

First and Second Doses Administered

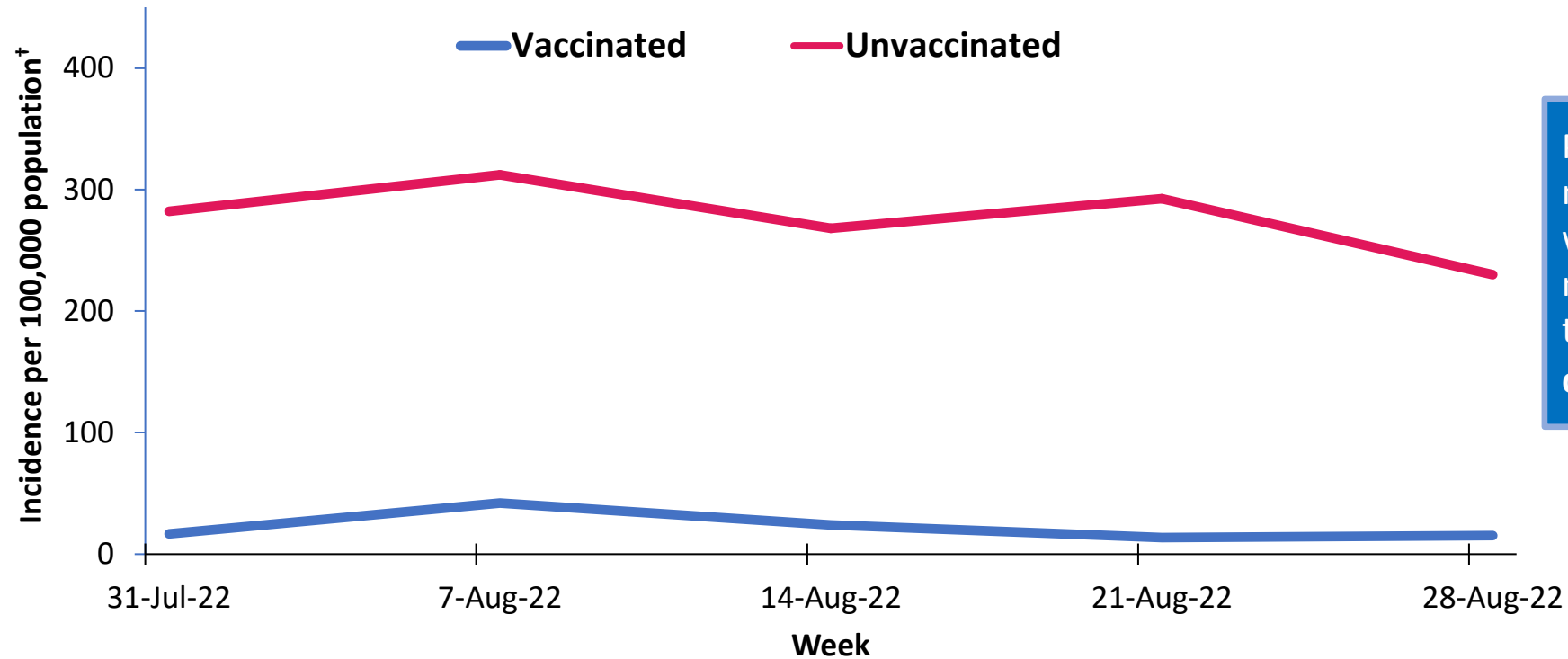
- **First Doses: 68,831** (73% of Total Doses Administered)
- **Second Doses: 24,967** (27% of Total Doses Administered)
- **Percent of Eligible Individuals with a Second Dose: 51%**

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



Rates of Monkeypox Cases by First Dose Vaccination Status*, U.S.

July 31, 2022 – September 3, 2022



People eligible for a monkeypox vaccination who were **not vaccinated** were **14X** more likely to become infected than those who received one dose of the JYNNEOS vaccine.

***Vaccination Status:** Unvaccinated: no evidence in case record of receipt of vaccine or vaccination date after illness onset, including records where vaccination information was unknown; *Vaccinated:* illness onset 14 days or more after receiving first dose of vaccine, excluding people vaccinated for smallpox before 2022.

Note: Linkage of monkeypox case surveillance and vaccination administration data might have resulted in misclassifications.

†**Population:** The population eligible for vaccination is derived from the estimated size of the underlying population in each jurisdiction that might benefit from expanded vaccination.



Updated Monkeypox Vaccine Eligibility Criteria

Monkeypox vaccine is available to:

- Gay or bisexual men, or any men or transgender people who have sex with men or transgender persons
- Persons of any gender or sexual orientation who engage in commercial and/or transactional sex
- Persons living with HIV, especially persons with uncontrolled or advanced HIV disease
- Persons who had skin-to-skin or intimate contact with someone with suspected or confirmed monkeypox, including those who have not yet been confirmed by Public Health
- Sexual partners of people in any of the above groups **(NEW)**
- People who anticipate being in any of the above groups **(NEW)**

Occupational Groups At Risk

- Research and clinical lab personnel working with or performing diagnostic testing for orthopoxviruses
- Health care workers who are diagnosing, treating, or caring for suspected or confirmed monkeypox cases

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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