
UPDATE ON DELAWARE HEALTH

DECEMBER 12, 2022

Rick Hong, MD

Interim Director

Division of Public Health

Delaware Department of Health and Social Services



DELAWARE HEALTH AND SOCIAL SERVICES
Division of Public Health



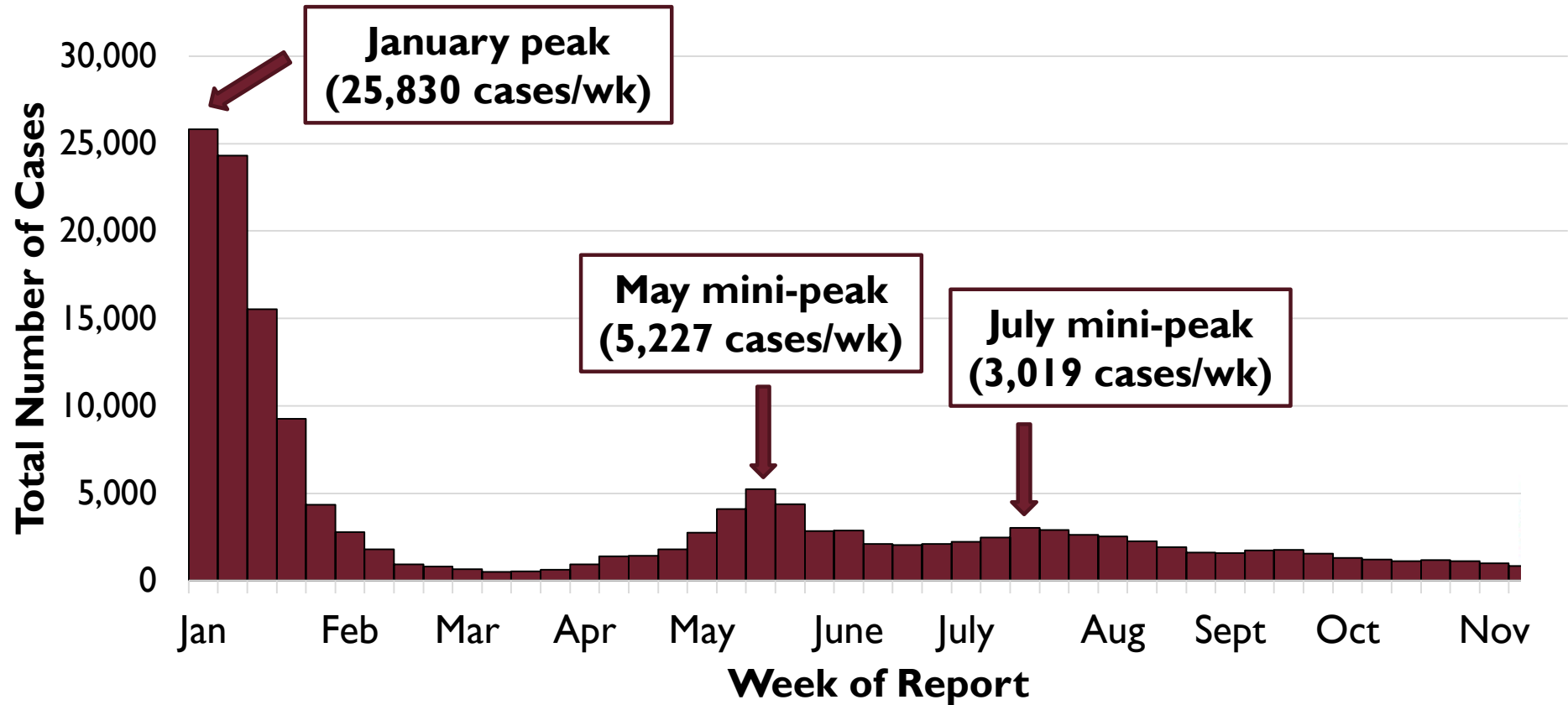
DELAWARE
ACADEMY of
MEDICINE



DELAWARE PUBLIC HEALTH ASSOCIATION

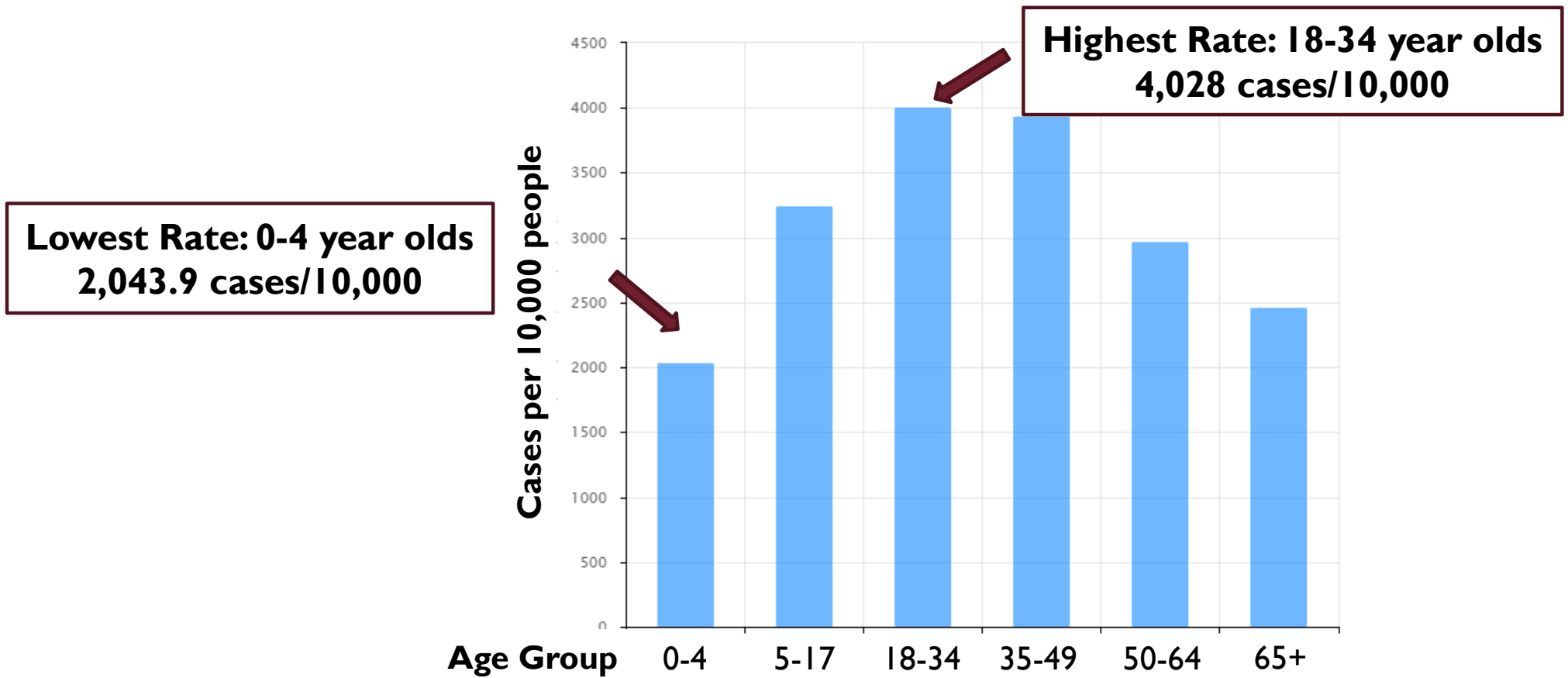
COVID-19 CASES: BY WEEK

Number of New COVID-19 Cases, by Week, Delaware, January – November 2022



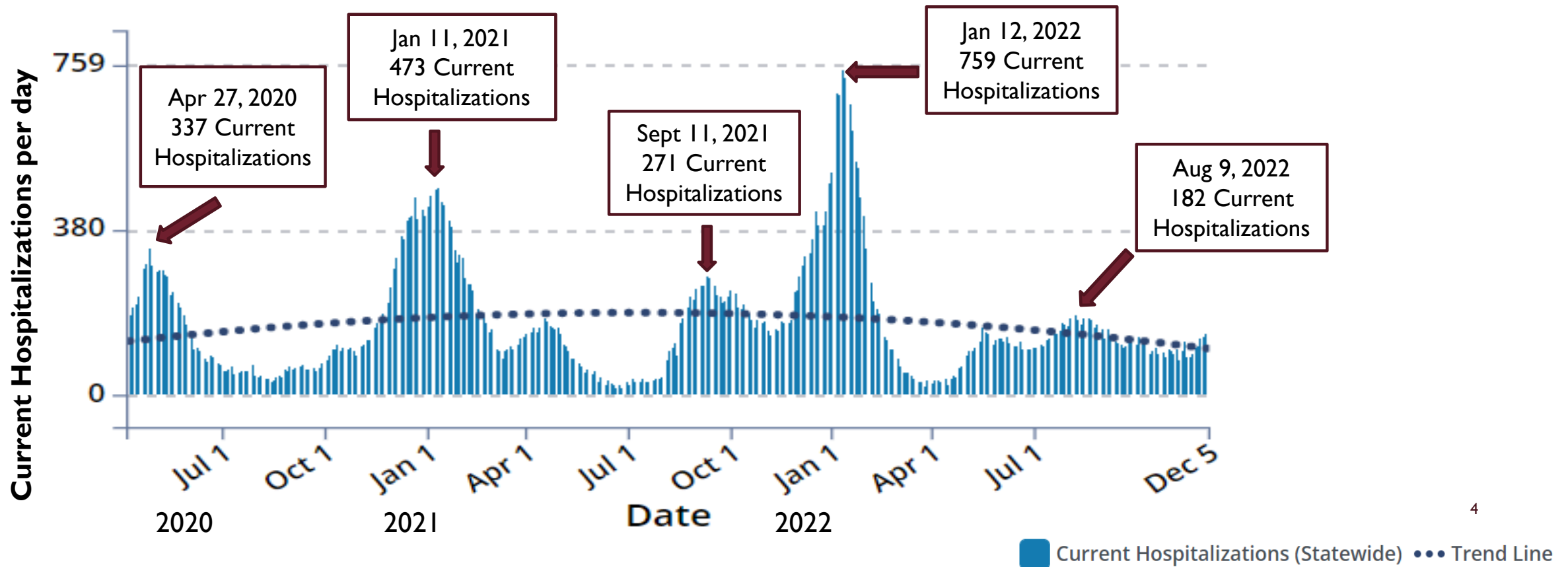
COVID-19 CASES: BY AGE GROUP

Rate of COVID-19 Cases per 10,000 population, by Age Group, Delaware, April 2020 – December 7, 2022



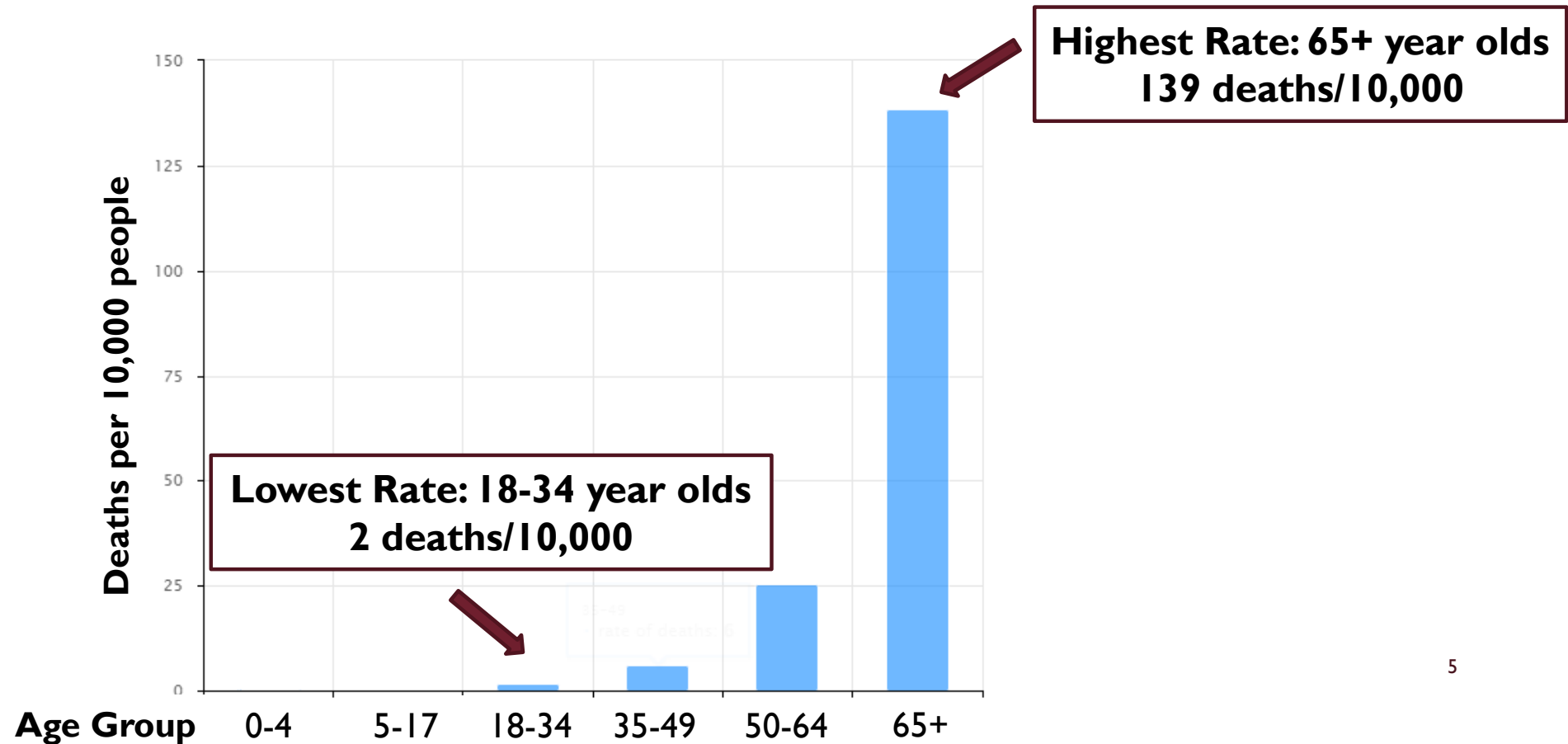
COVID-19 HOSPITALIZATIONS: BY WEEK

Number of Current COVID-19 Hospitalizations by Day, Delaware, April 2020 – December 5, 2022



COVID-19 DEATHS: BY AGE GROUP

Rate of COVID-19 Deaths per 10,000 population, by Age Group, Delaware, April 2020 – December 6, 2022

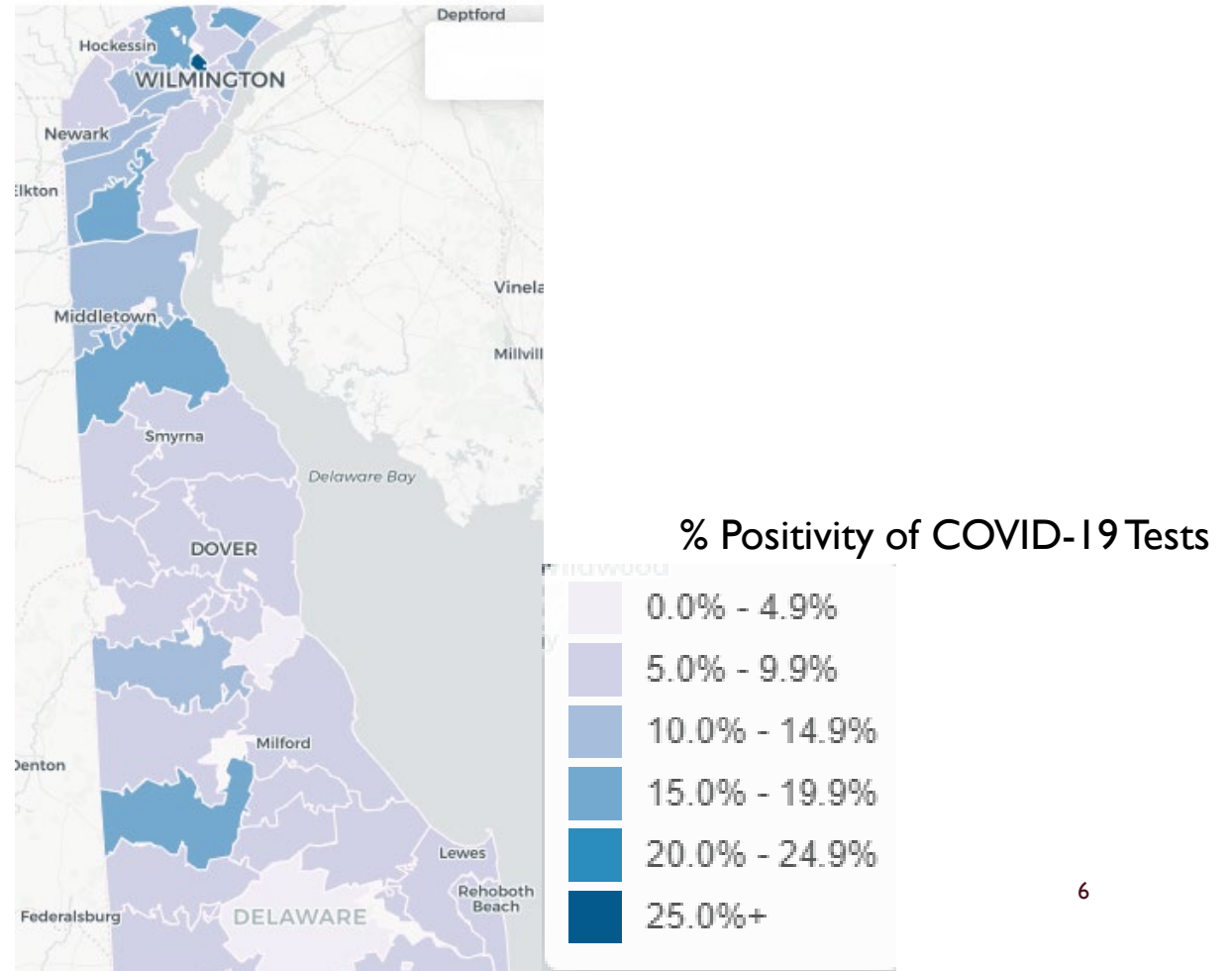


COVID-19 TEST POSITIVITY, DELAWARE, WEEK OF NOVEMBER 26-DECEMBER 2, 2022

**Percent Positivity of COVID-19 Tests by ZIP Code,
Delaware, November 26 – December 2, 2022**

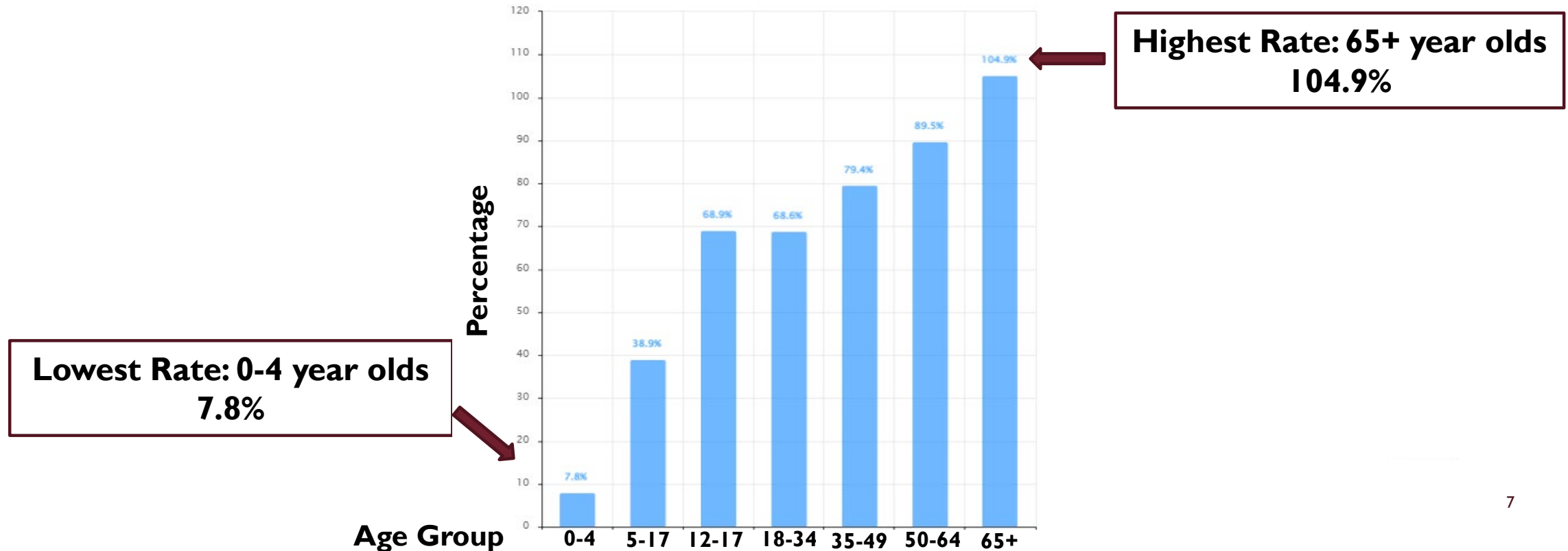
Areas with Highest Percent Positive:

- **New Castle County**
19806 (Wilmington): 27.6%
- **Kent County:**
19943 (Felton): 10.6%
- **Sussex County:**
19950 (Greenwood): 15.7%



COVID-19 VACCINATION: PEOPLE WITH AT LEAST ONE DOSE

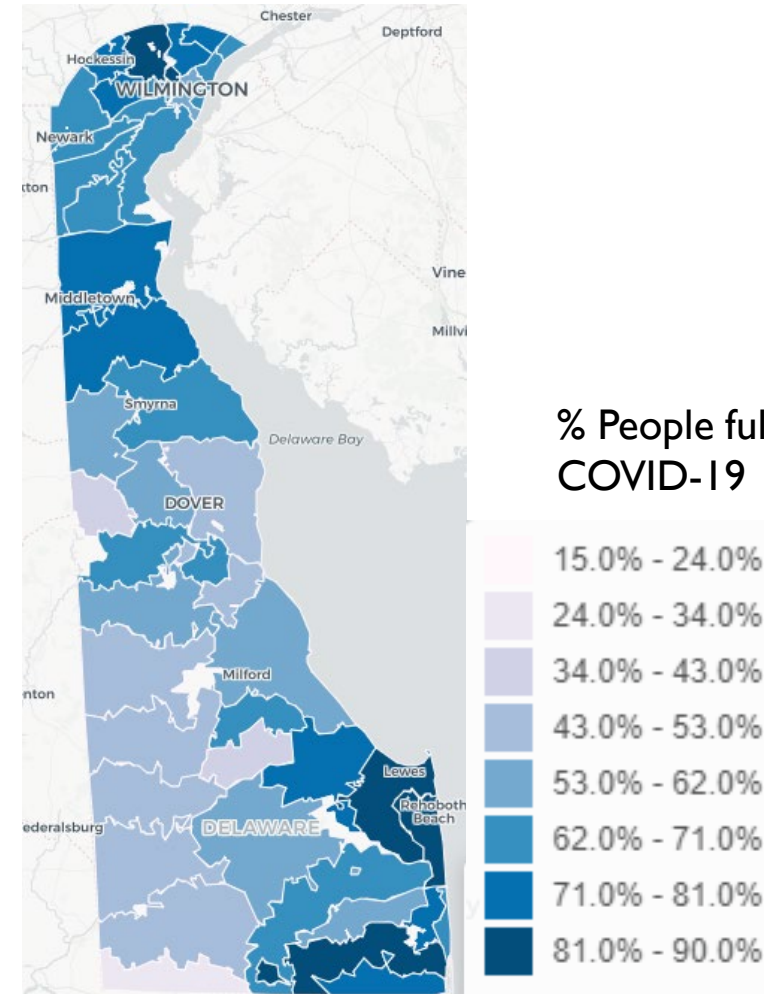
Percent of People who have Received at Least One COVID-19 Vaccine Dose, by Age Group, Delaware, December 2020 – December 7, 2022



COVID-19 VACCINATION: PEOPLE FULLY VACCINATED

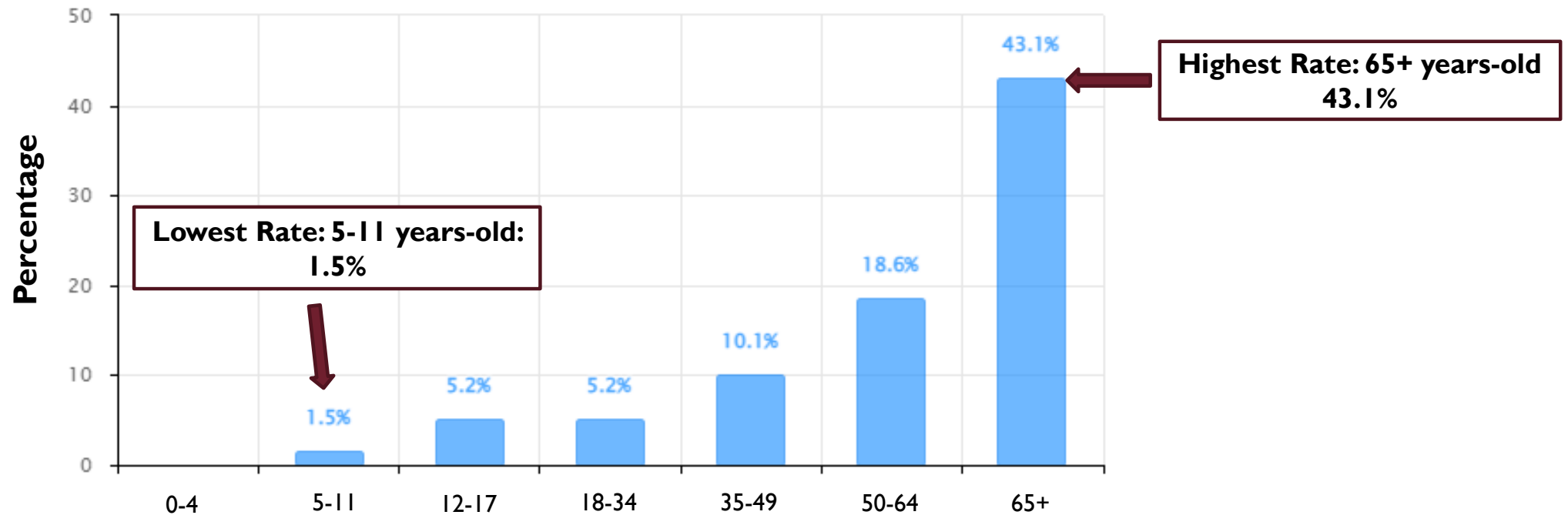
Percent of People who are Fully Vaccinated Against COVID-19, by ZIP Code, Delaware, December 2020 – December 5, 2022

- Areas with Highest Percent Fully Vaccinated
 - New Castle County:
 - 19807 (Wilmington): 87.3%
 - 19707 (Hockessin): 80.6%
 - 19709 (Middletown): 75.6%
 - Kent County:
 - 19977 (Smyrna): 69.8%
 - 19962 (Magnolia): 69.7%
 - Sussex County:
 - 19971 (Rehoboth Beach): 89.1%
 - 19958 (Lewes): 89%
 - 19945 (Frankford): 81%



COVID-19 VACCINATION: PEOPLE WITH BIVALENT BOOSTER

Percent of Received Bivalent COVID-19 Vaccine Booster, by Age Group, Delaware, September – December 5, 2022

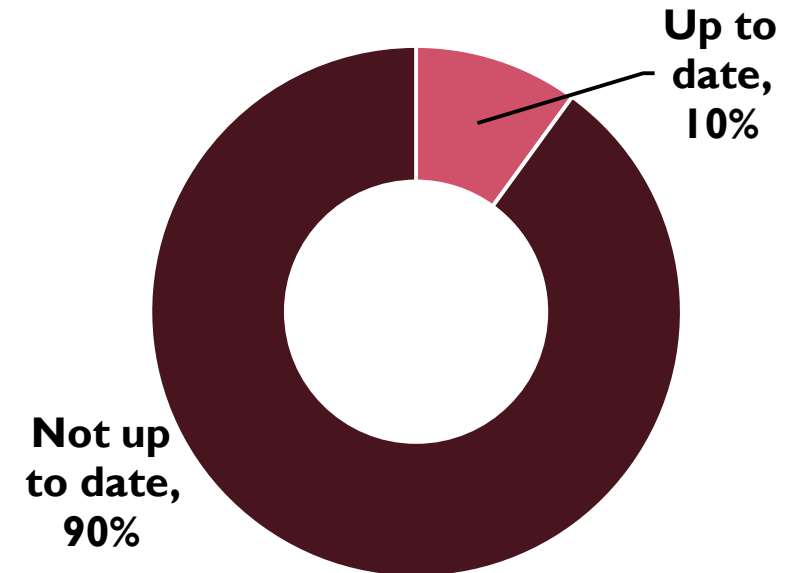


COVID-19 CASES: BY VACCINATION STATUS

Percent of COVID-19 Cases who were Up to Date on COVID-19 Vaccine, Delaware, October 31 – November 6, 2022

During the week of October 31 - November 6, 2022:

- **90% of all cases were not up to date* on COVID-19 vaccination.**



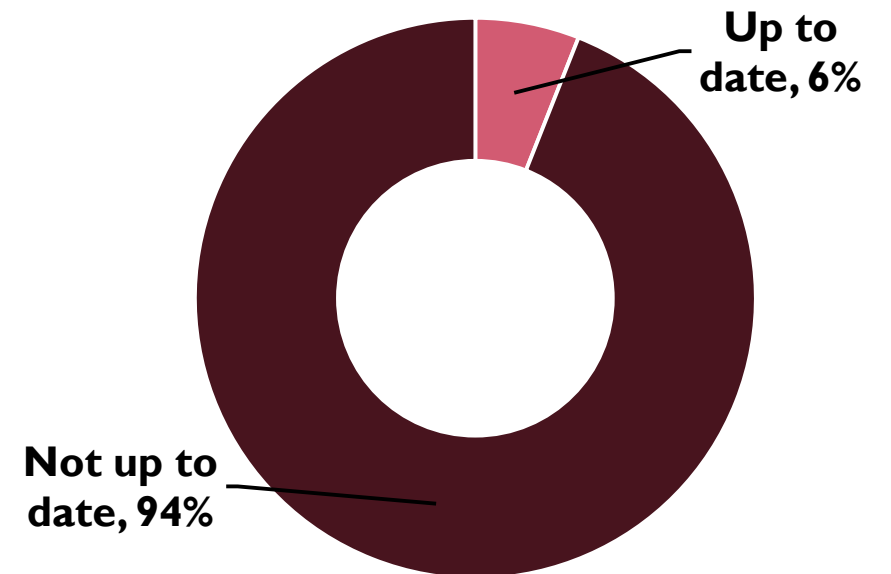
***Up to date means a person has received all recommended vaccines and boosters when eligible.**

COVID-19 HOSPITALIZATIONS: BY VACCINATION STATUS

Percent of **COVID-19 Hospitalized Cases** who were **Up to Date on COVID-19 Vaccine**,
Delaware, **October 31 – November 6, 2022**

During the week of
October 31 - November 6, 2022:

- **94% of all hospitalized cases were not up to date* on COVID-19 vaccination.**

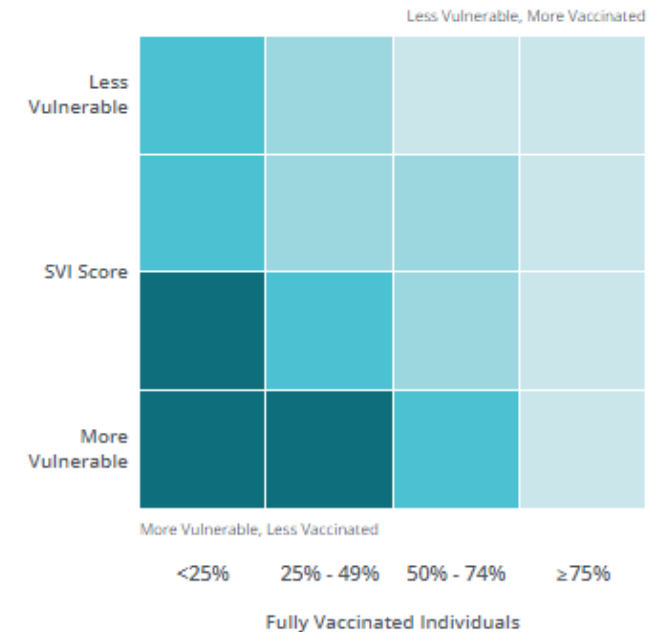
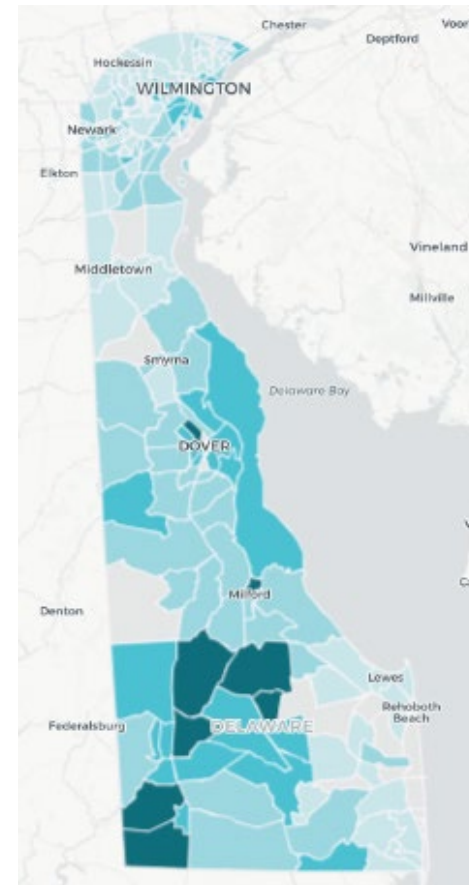


***Up to date means a person has received all recommended vaccines and boosters when eligible.**

COVID-19 VACCINATION AND SOCIAL VULNERABILITY INDEX SCORE, BY CENSUS TRACT, DELAWARE, DECEMBER 2020 – DECEMBER 6, 2022

Areas with Highest Social Vulnerability Index (SVI) score and lowest COVID-19 Vaccination:

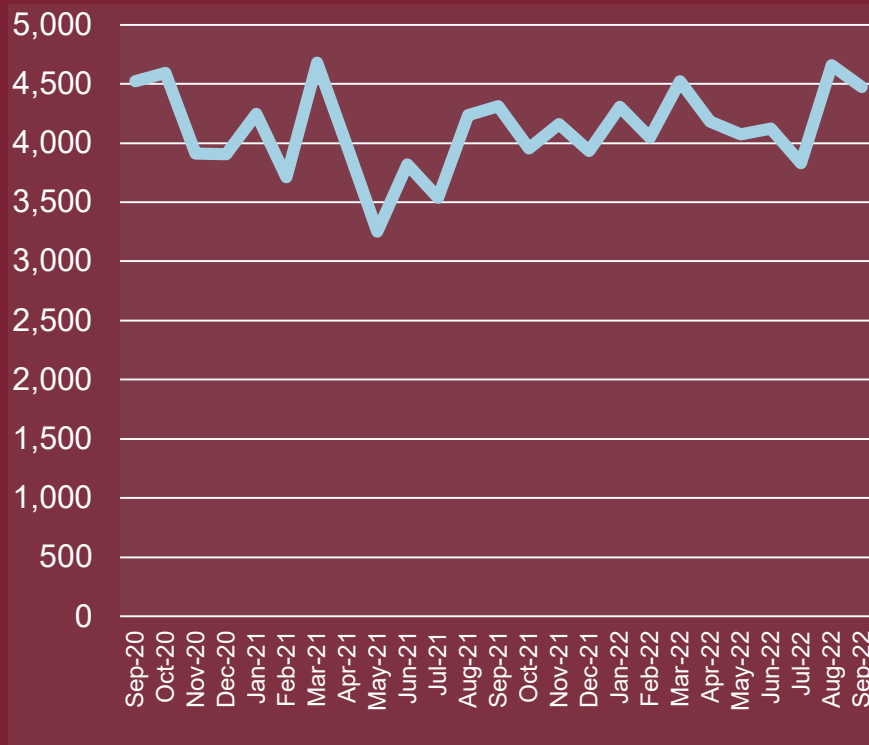
- **Dover**
- **Milford**
- **Georgetown**
- **Laurel**



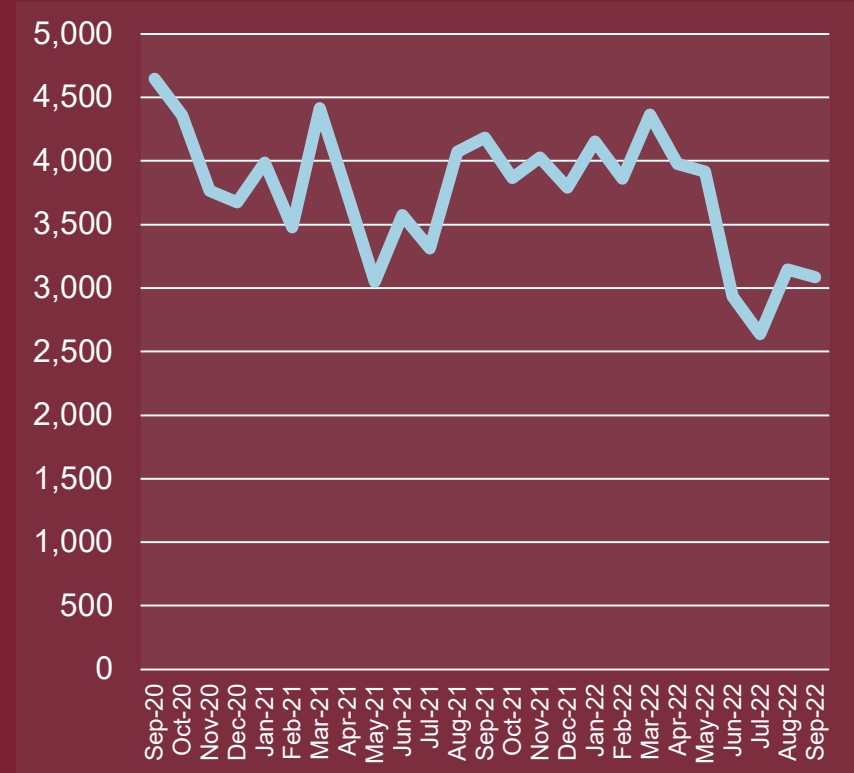
PEDIATRIC IMMUNIZATION TRENDS

Delaware, September 2020-September 2022

DtaP Vaccine Administered



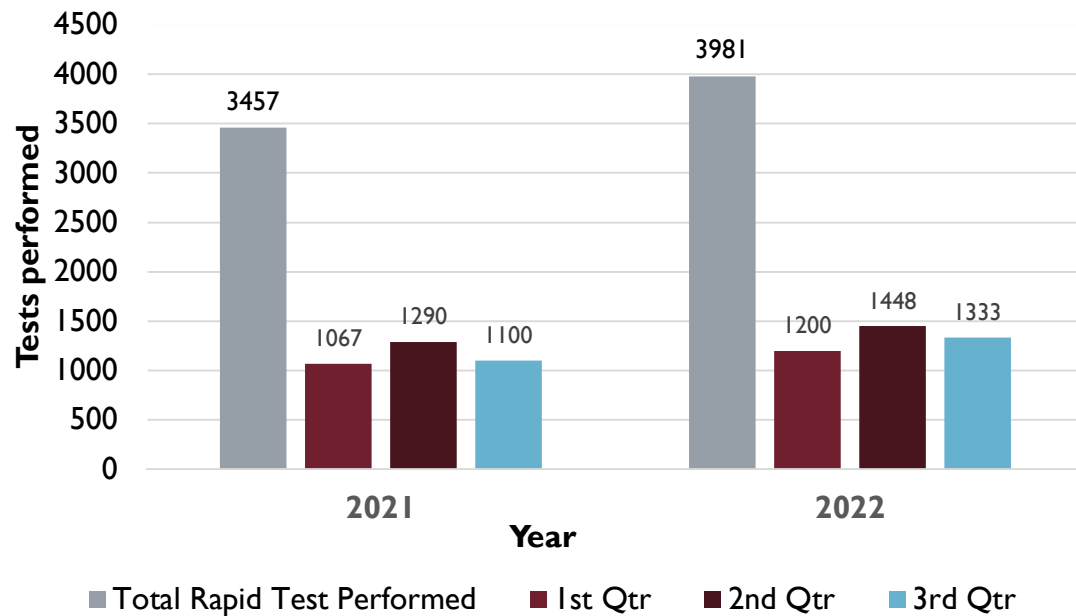
Polio Vaccine Administered



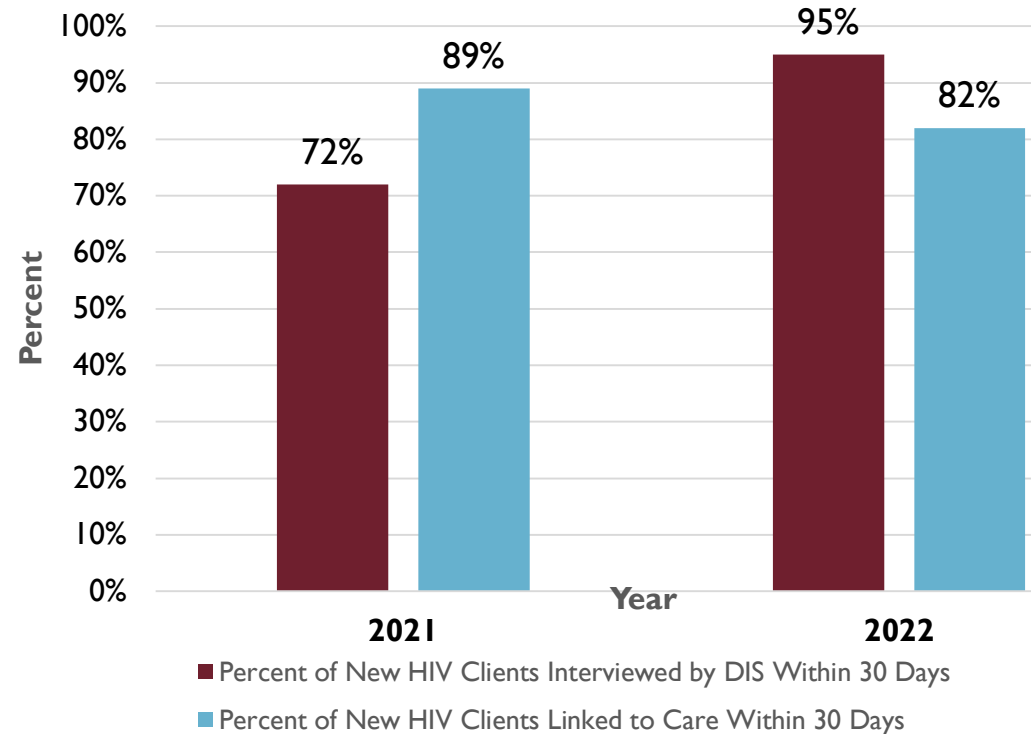
Source: Delaware Immunization System, 2022

HIV HARM REDUCTION SERVICES, DELAWARE, 2021-2022

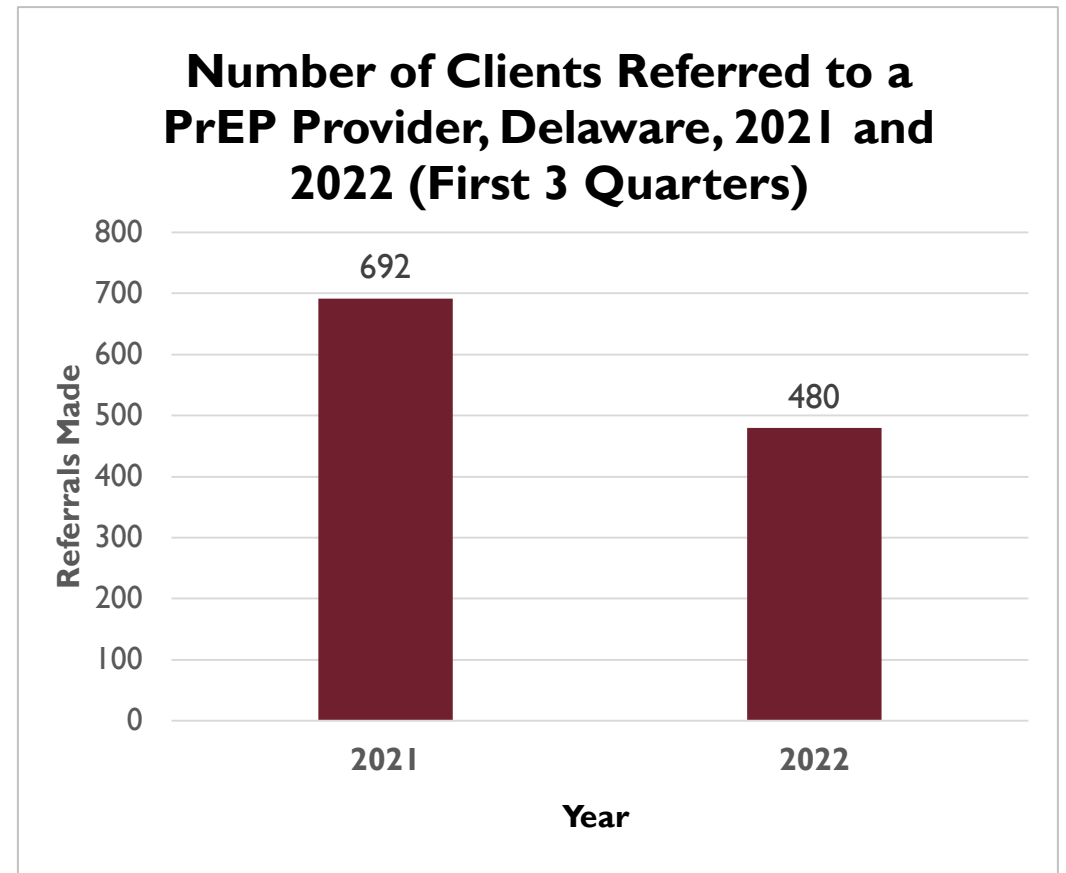
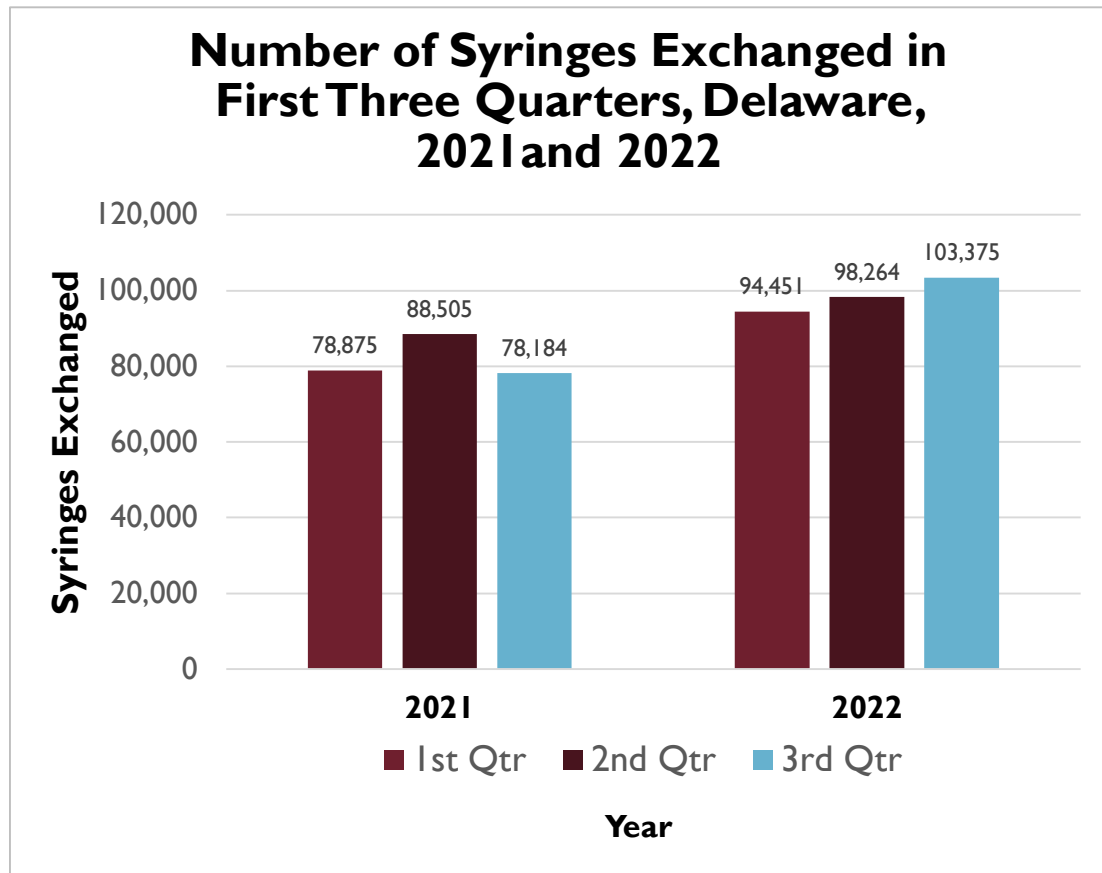
Rapid HIV Testing, Delaware, 2021 and 2022



Clients Interviewed/Linked to Care, Delaware, 2021 and 2022

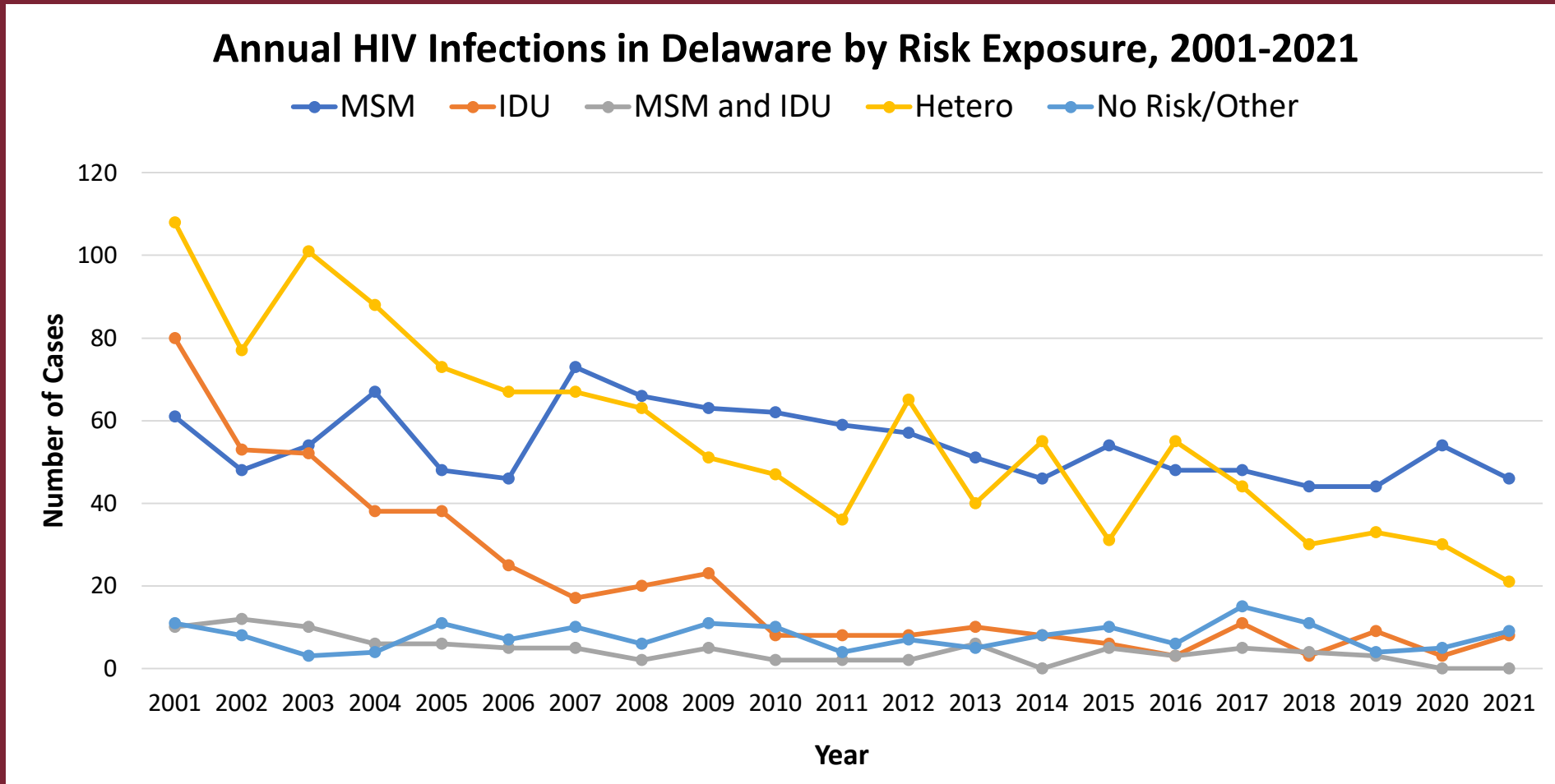


HIV HARM REDUCTION SERVICES , DELAWARE, 2021-2022 (CONT.)



Source: Delaware Department of Health and Social Services, Division of Public Health, HIV Evaluation Web and Delaware SSP data, 2022

HIV SURVEILLANCE



Source: Enhanced HIV/AIDS Reporting System (eHARS), 2022

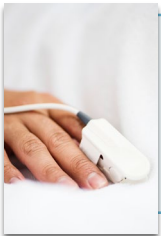
CANDIDA AURIS OUTBREAK IN DELAWARE HEALTH CARE FACILITIES



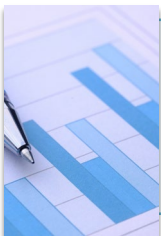
Four invasive cases of *Candida auris* have been identified in Delaware in 2022. Three have occurred in blood, and one in urine.



The first two clinical cases prompted point prevalence surveys in Delaware health care facilities, to determine if other patients have been colonized non-invasively with *C. auris*. Eleven point prevalence surveys have been conducted so far, with more on-going.

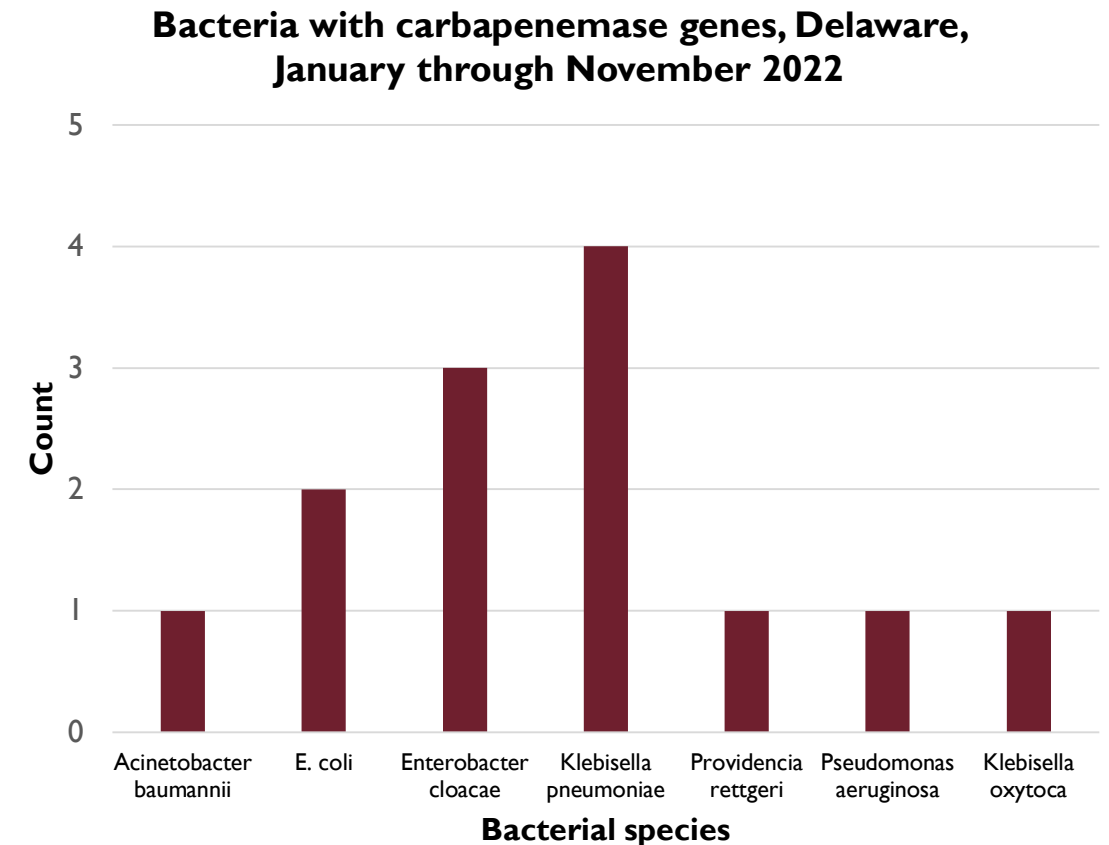
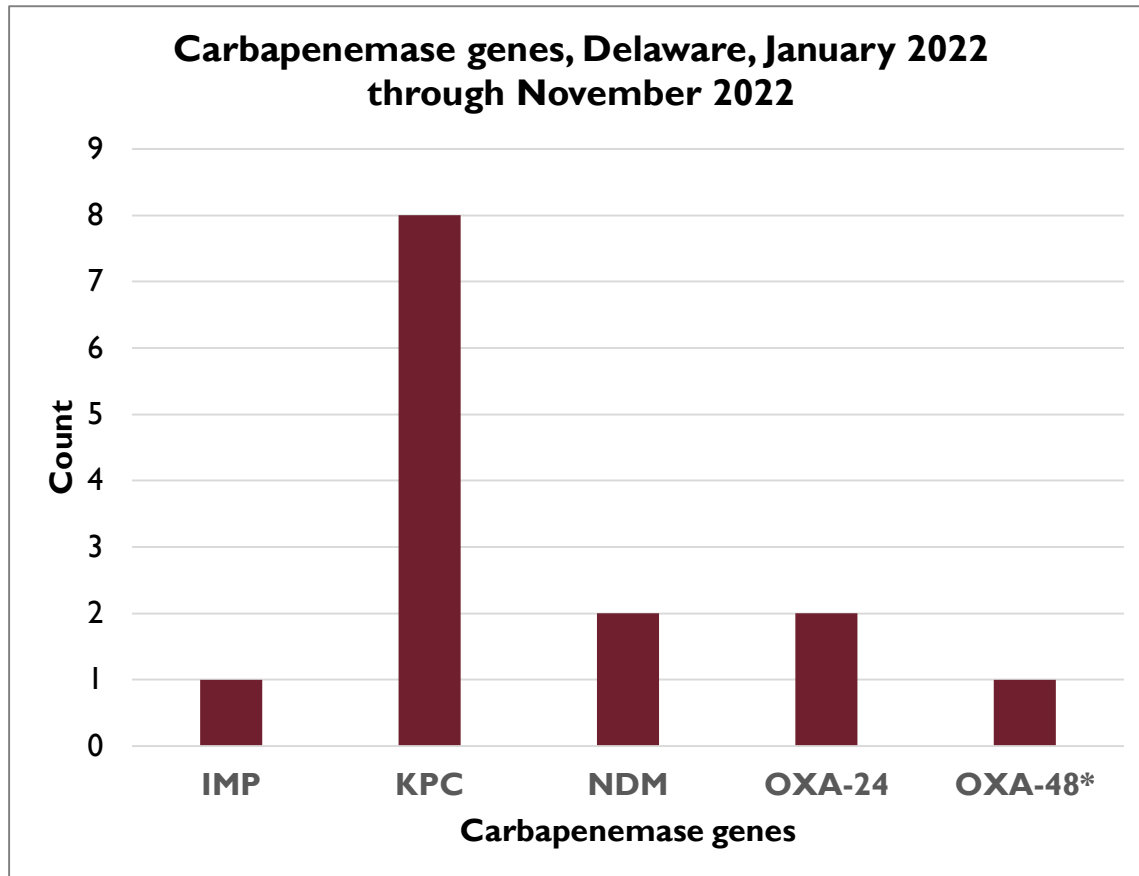


The point prevalence surveys and contact screenings identified 16 colonization cases, one of which became a clinical case. Ages have ranged from 30 to 88, and have occurred in skilled nursing facilities, a long term acute care hospital, and a unit in a short term acute care hospital.



The Delaware Division of Public Health has performed four Infection Control and Responses (ICARs) at facilities affected by the outbreaks. DPH reviewed facility policies, performed direct observations, and made recommendations to better infection control.

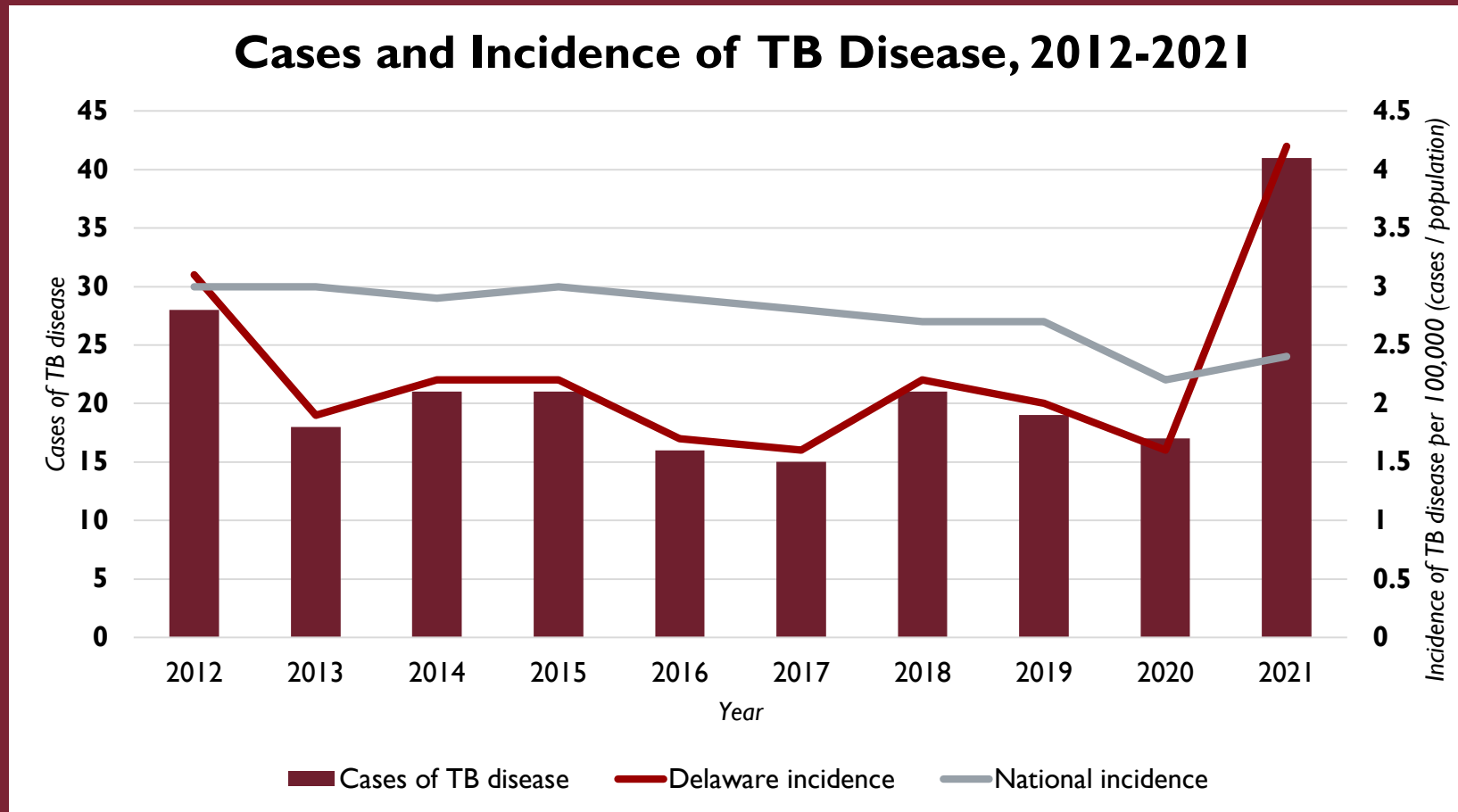
13 CASES OF CARBAPENEMASE PRODUCING ORGANISMS (CPOS), DELAWARE, JANUARY-NOVEMBER 23, 2022



*co-occurred with one NDM case

Source: Delaware Electronic Reporting and Surveillance System

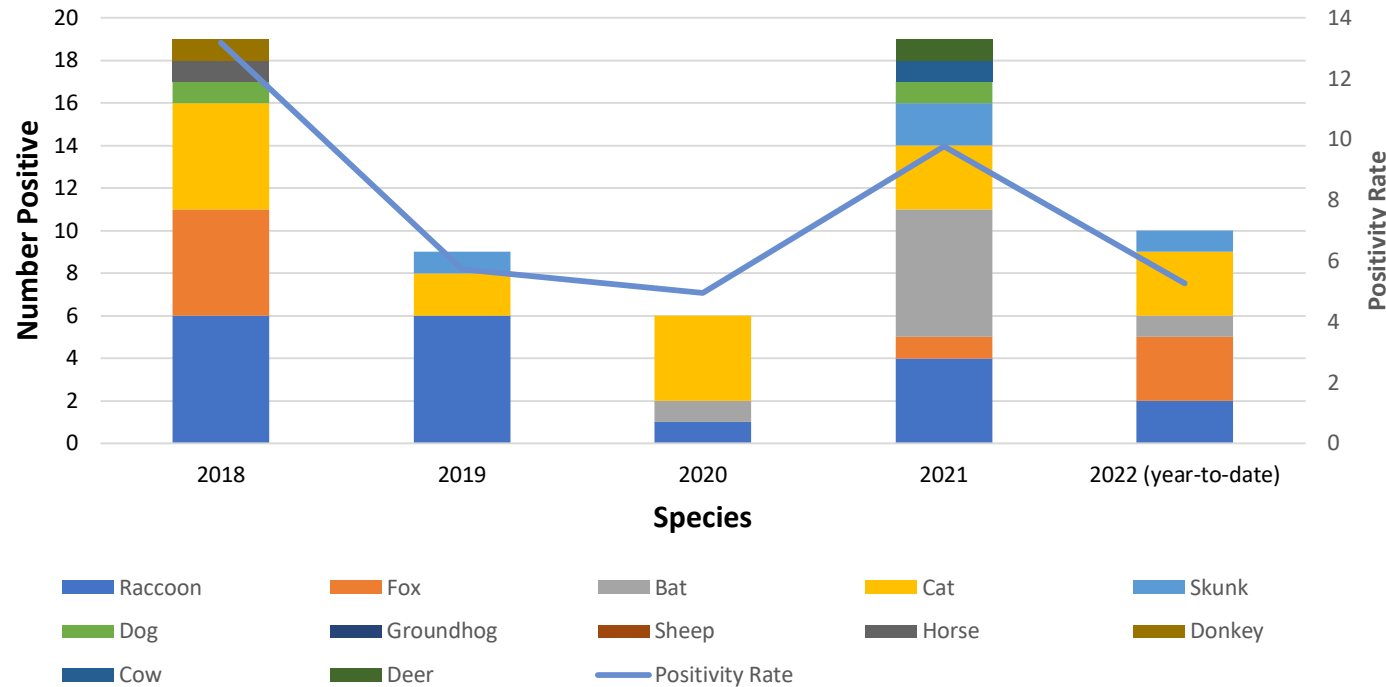
TUBERCULOSIS DISEASE



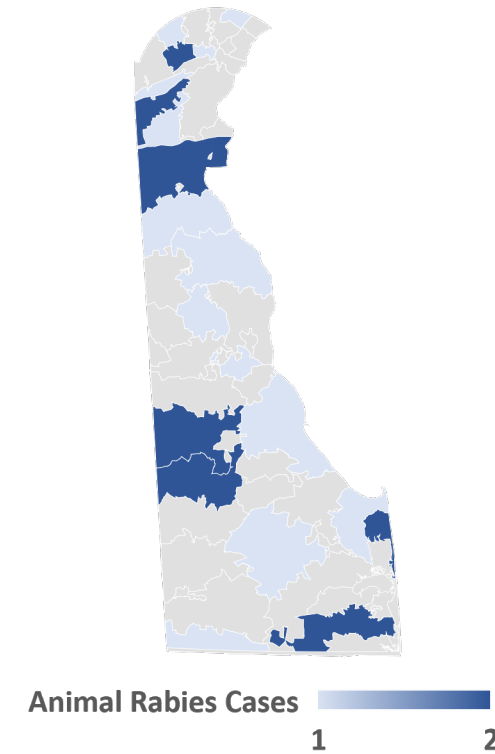
Source: National Tuberculosis Indicators Project, November 22, 2022. These data only included cases counted in Delaware.

RABIES IN DELAWARE

Confirmed Rabies Cases by Year and Species with Positivity Rate, Delaware, 2018-November 2022

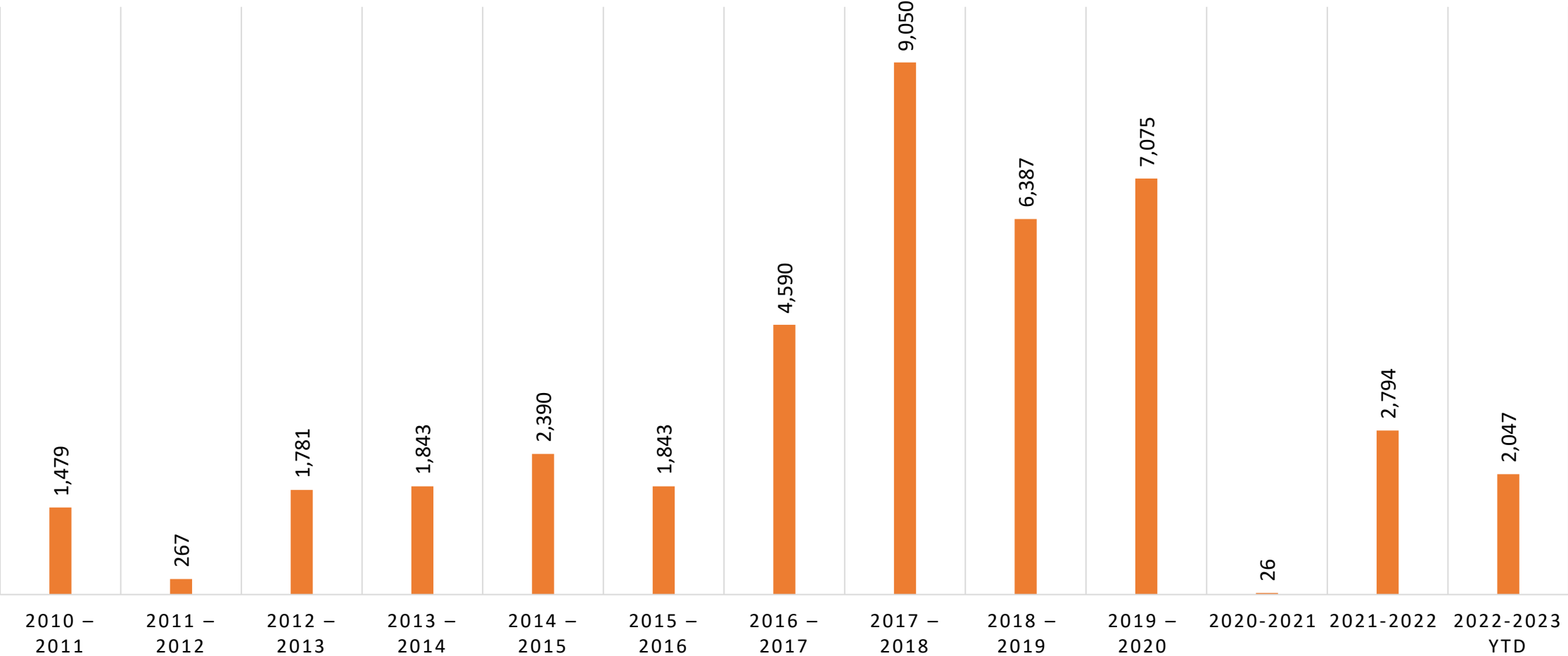


Animal Rabies Cases, Delaware, 2021-November 2022



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Total Annual Influenza Cases¹ Per Season, Delaware, 2010-2011 season to 2022-2023 season YTD



Source: Delaware Department of Health and Social Services, Division of Public Health

FLU DASHBOARD AND TOOLKIT

- **Flu dashboard:**
Now live on My Healthy Community:
<https://myhealthycommunity.dhss.delaware.gov/portals/flu/locations/state/seasons/2022-2023/overview>.

You can also access it by clicking on the 'Weekly Flu Data' link at flu.delaware.gov.

- **Flu toolkit:**
<https://covidmaterialsde.com/resources/flu>
- **General flu information:**
flu.Delaware.gov



Influenza Dashboard

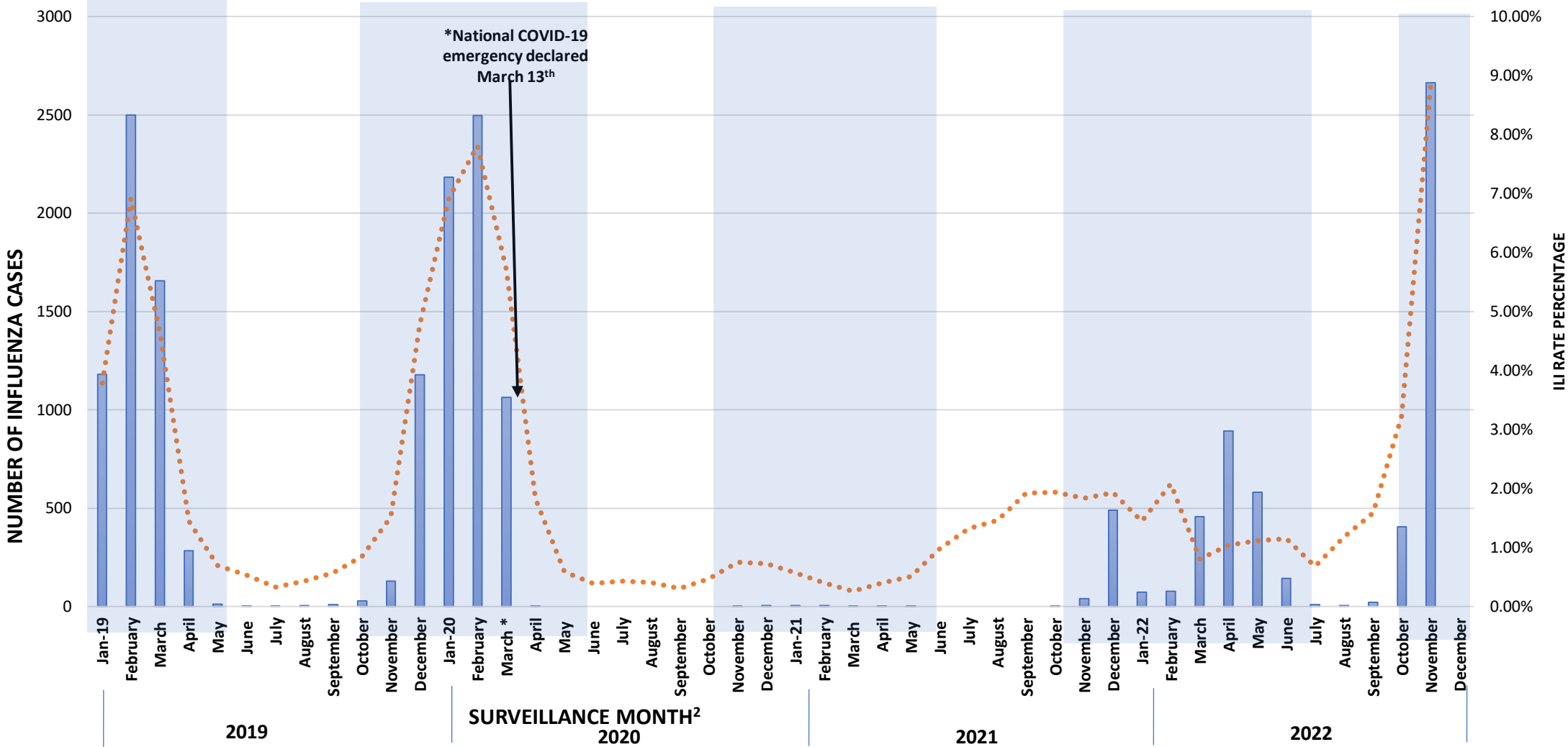
This dashboard is intended to provide an accurate picture of flu activity in Delaware through access to ongoing information on influenza cases, hospitalizations, deaths, and vaccination rates among Delawareans.

[Visit the Dashboard](#)

**Take the flu out of the season.
Get your flu vaccine.**



Delaware Total Influenza Cases¹ Per Month, 2019-2023

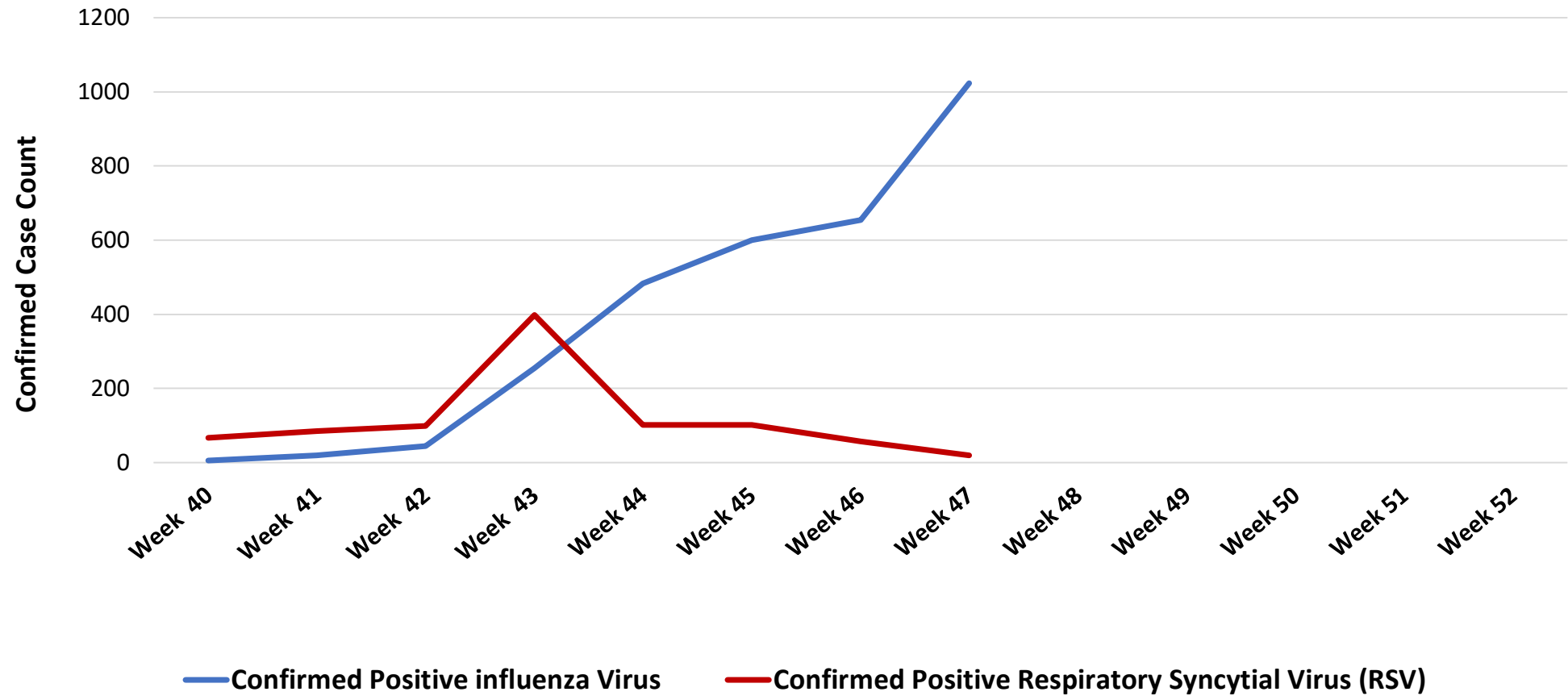


¹Influenza Cases are confirmed via lab PCR testing

² Flu Season starts the month of October and ends in May

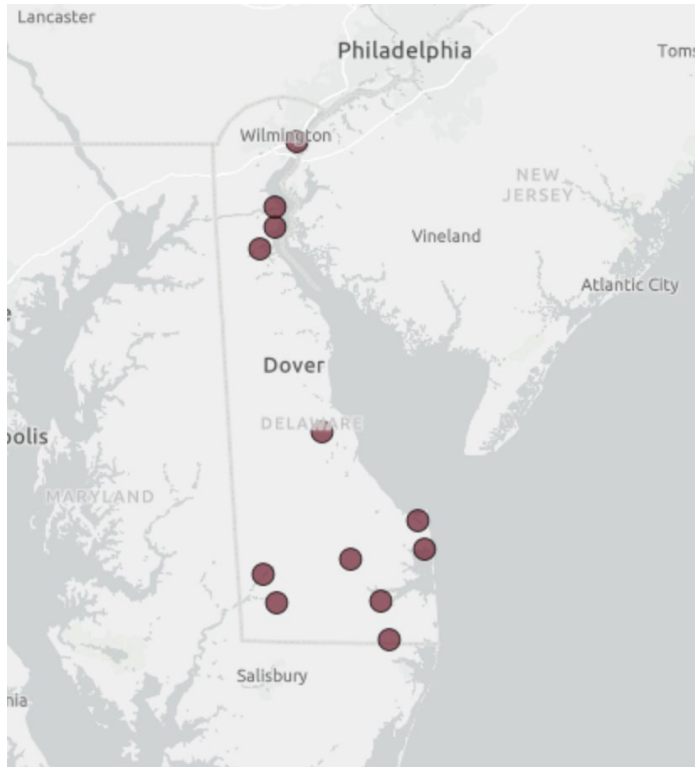
Delaware Total Influenza Cases Delaware Influenza-Like Illness (ILI) Rate

Counts of Confirmed Respiratory Virus Activity, Delaware, 2022-2023 Influenza Season, as of November 26, 2022



Source: Delaware Department of Health and Social Services, Division of Public Health, November 26, 2022

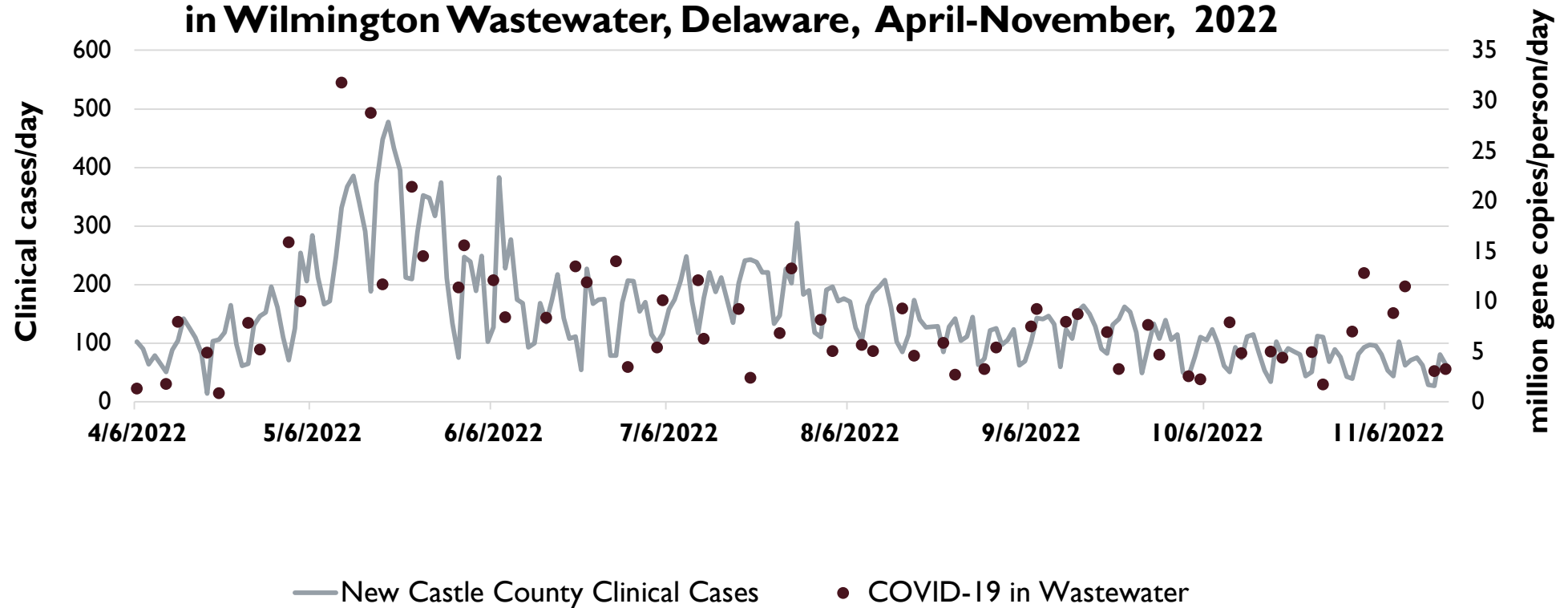
DELAWARE WASTEWATER SURVEILLANCE



Samples uploaded weekly to CDC's online National Wastewater Surveillance System:
<https://covid.cdc.gov/covid-data-tracker/#wastewater-surveillance>

DELAWARE WASTEWATER SURVEILLANCE

Clinical COVID-19 Cases in New Castle County and COVID-19 in Wilmington Wastewater, Delaware, April-November, 2022



Source: CDC National Wastewater Surveillance System

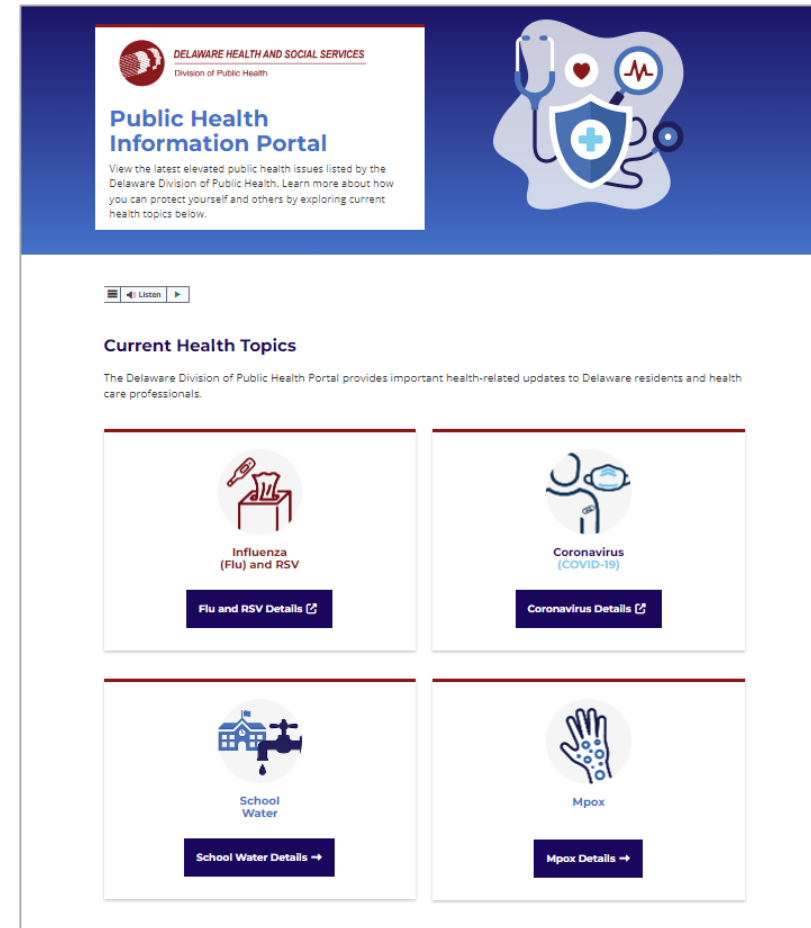
PUBLIC HEALTH INFORMATION PORTAL

DPH launched a Public Health Information web portal, de.gov/PublicHealthAlerts, on September 1, 2022.

It provides information about current public health issues of elevated concern:

- COVID-19
- Mpox
- Flu
- Other issues as they may arise.

COVID-19 information can still be found at de.gov/coronavirus, mpox information can still be found at de.gov/mpox, and flu information can still be found at flu.delaware.gov.



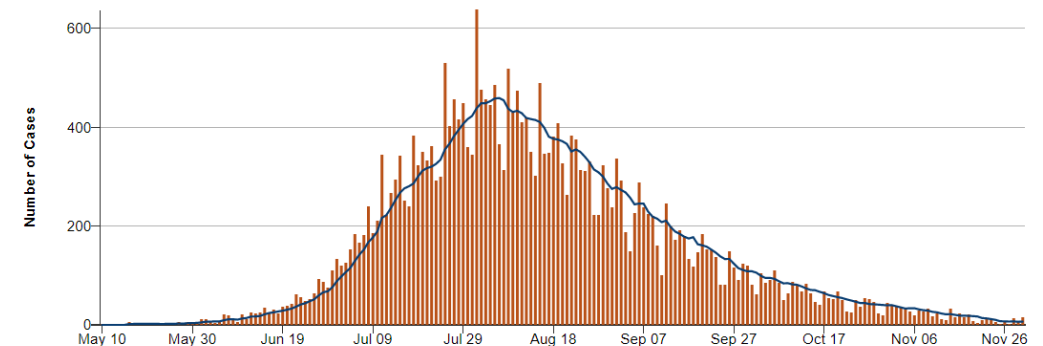
MONKEYPOX/MPOX UPDATE AS OF DECEMBER 7, 2022



- The WHO recently announced it's changing the name Monkeypox to Mpox to reduce stigmatization.
- 43 mpox cases have been reported in Delaware as of December 7, 2022.
- 1,659 persons in Delaware received at least one dose of vaccine.
- CDC reports 29,630 mpox cases in the U.S., as of December 2, 2022. Our neighboring states have the following case counts: Maryland, 733; Pennsylvania, 857; New Jersey, 760; and Washington, D.C. , 524.
- For more information, visit de.gov/monkeypox. Check the webpage to learn how to make a vaccine appointment.

Monkeypox cases reported to CDC, May 17, 2022 to November 30, 2022

Daily Monkeypox Cases and 7 Day Daily Average



Source: <https://www.cdc.gov/poxvirus/monkeypox/response/2022/mpx-trends.html>

LOOKING FORWARD

- Providers are encouraged to sign up to receive Delaware Health Alert Network (DHAN) notifications for updated public health information at healthalertde.org/.
- Providers can access updated infectious disease data and trends via Delaware's My Health Community: <https://myhealthycommunity.dhss.delaware.gov/home>.
- DPH thanks all of Delaware's medical providers for all their hard work and dedication to the field.

THANK YOU FOR ATTENDING

Delaware COVID-19 website
de.gov/coronavirus

Delaware flu website
flu.Delaware.gov

Delaware Health Alert Network online registration system
healthalertde.org/

Rick Hong, MD
Acting Director, Division of Public Health
rick.hong@delaware.gov
302-744-4701
www.dhss.delaware.gov/dhss/dph



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