

PDPH – Immunization Program Update

Amber Tirmal, MPH
Immunization Program Manager

Agenda

- Recovery from the pandemic
- Immunization Information System (IIS) Update
- Data Review
- Partnerships
- COVID-19/Bridge Access Program
- RSV Immunization
- Resources for you!

Recovery from the COVID-19 Pandemic

- Since we met for last annual conference in May of 2022, much work has returned to a pre-pandemic baseline
- Vaccines for Children (VFC) and Immunization Quality Improvement Program (IQIP) Provider site visits are on-track
- Immunization rates are continuing to increase, though we still have areas to improve upon
- Our Immunization Information System, PhilaVax is more robust, with better data quality
- Establishing new and stronger partnerships

Immunization Information System Stats

- 35,522,474 vaccines in the system
- 4,490,965 patients in the system
- 1,208 active providers reporting to the system
- Over 452,000 vaccines were ordered via the IIS, valued at over \$32 million
- Interoperable with 6 other jurisdictions including, NY State, NJ, DE, CT, OK, NV and the Veteran's Affairs
- We also regularly exchange data with PA



PhilaVax

Philadelphia Department of Public Health

Data Updates



Immunization Rates: National Immunization Survey (NIS) - Teen

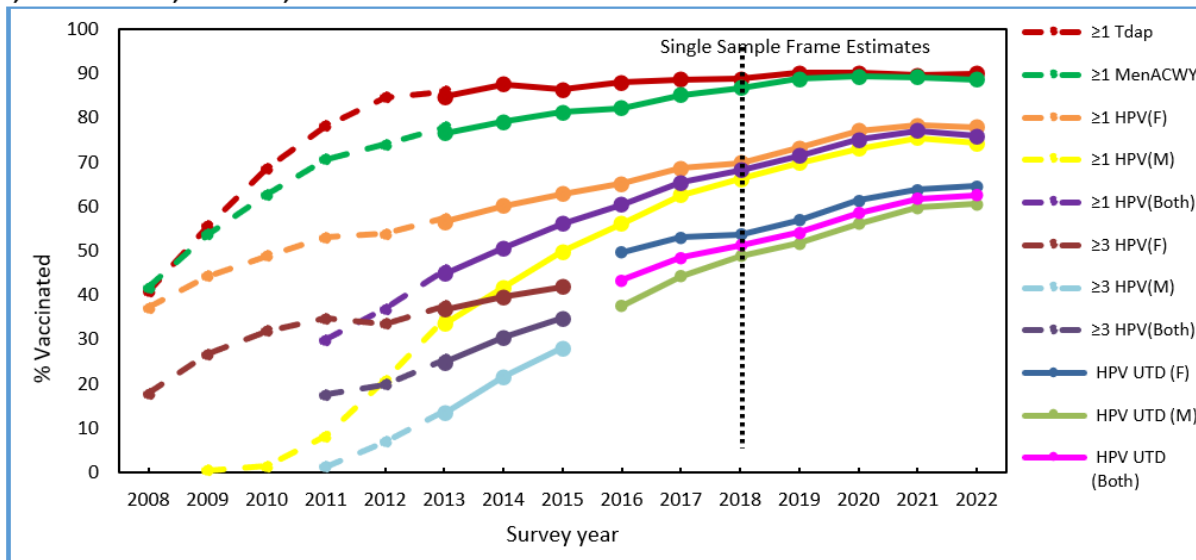
Teen NIS Adolescent Rates - published August 2023

| Year | 1+ Tdap (US) | 1+ Tdap (Philly) | 1+ MCV4 (US) | 1+ MCV4 (Philly) | HPV UTD (US) | HPV UTD (Philly) |
|------|--------------|------------------|--------------|------------------|--------------|------------------|
| 2020 | 90.1 | 90.1 | 89.3 | 93.5 | 58.6 | 75.3 |
| 2021 | 89.6 | 88.9 | 89.0 | 92.6 | 61.7 | 74.2 |
| 2022 | 89.9 | 93.2 | 88.6 | 93.1 | 62.6 | 75.0 |

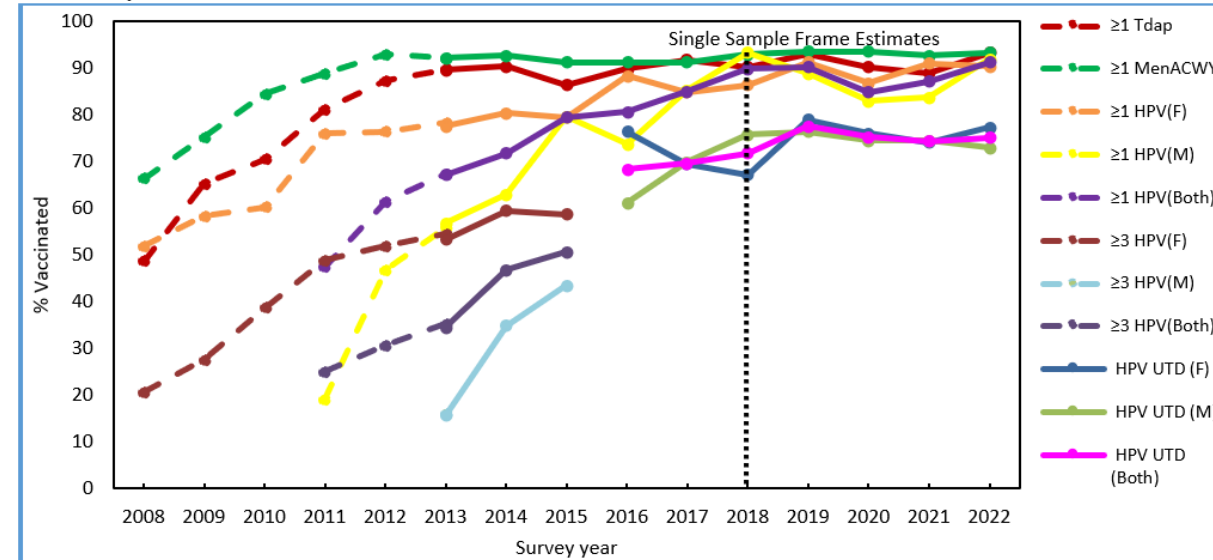
The National Immunization Surveys (NIS) are a group of telephone surveys used to monitor vaccination coverage among children and teens.

NIS - Teen

Estimated vaccination coverage with selected vaccines and doses among adolescents aged 13-17 years, by survey year, United States, NIS-Teen, 2008-2022



Estimated vaccination coverage with selected vaccines and doses among adolescents aged 13-17 years, by survey year, Philadelphia, NIS-Teen, 2008-2022



- Overall, Philadelphia has some of the highest teen immunization rates in the country.
- However, we are still missing the mark on HPV UTD, the Healthy People 2030 target is 80%

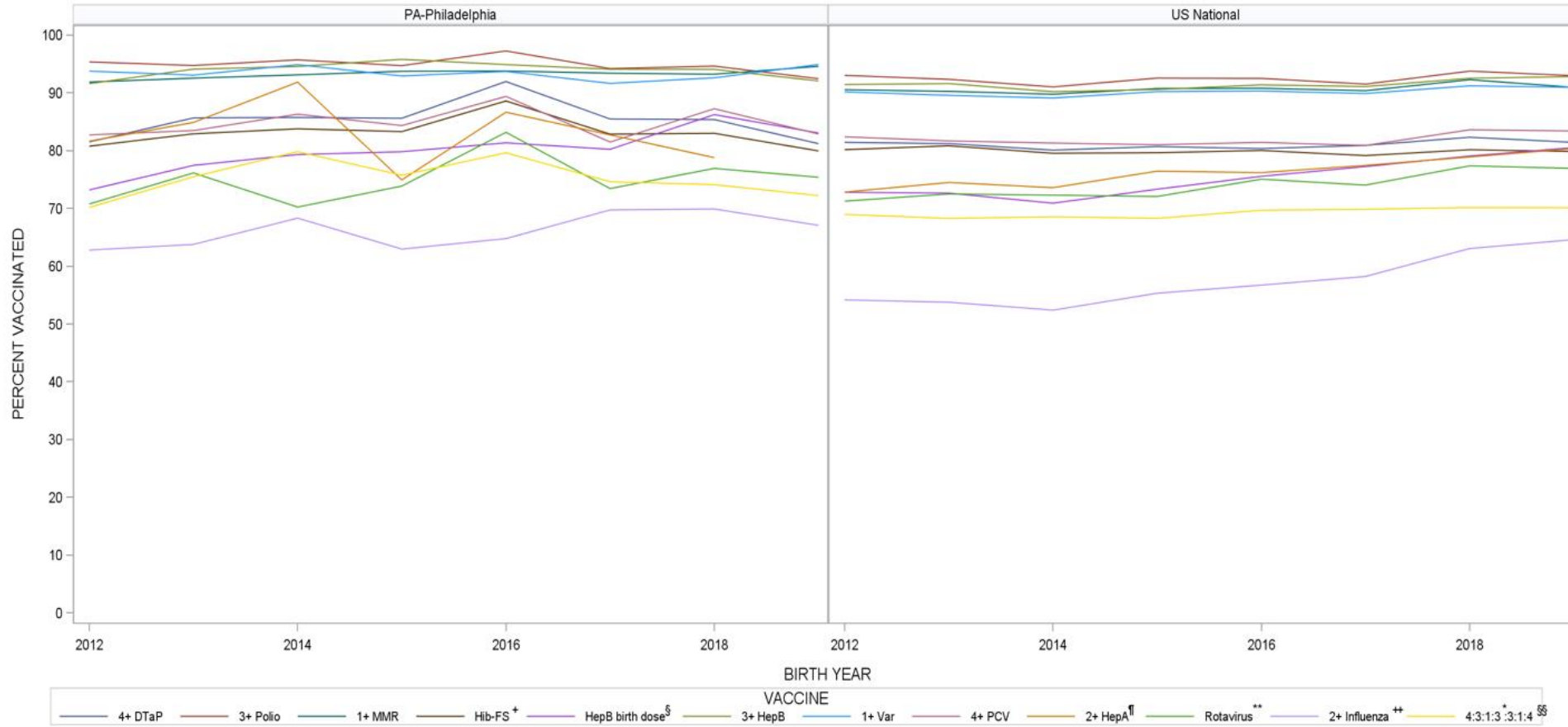
Immunization Rates: National Immunization Survey (NIS) - Child

Child NIS Rates – published December
2022 (UTD by 24 months of age)

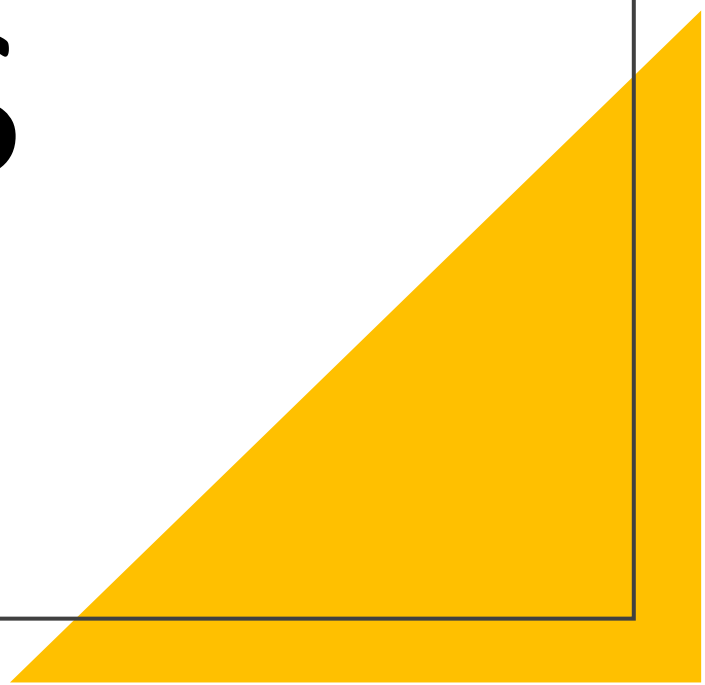
| Birth Year | 4:3:1:3:3:1:4 (US) | 4:3:1:3:3:1:4 (Philly) | 2+ Influenza (US) | 2+ Influenza (Philly) |
|---------------------|-----------------------|---------------------------|----------------------|--------------------------|
| 2017 (2 as of 2019) | 69.8 | 74.6 | 58.2 | 69.7 |
| 2018 (2 as of 2020) | 70.1 | 74.1 | 63.1 | 69.9 |
| 2019 (2 as of 2021) | 70.1 | 72.2 | 64.6 | 67.1 |

The 2019 birth cohort is considered preliminary because it includes responses from parents/guardians surveyed in 2020 and 2021 only. The cohort will be finalized after responses from survey year 2022 can be included.

NIS - Child



Partnerships



Partnerships

- Created an Adult Collaborative with community organizations, we are holding bimonthly calls to engage in conversation around adult immunization
- Funding 15 community-based organizations to do vaccine promotion work in the community, some of whom will present more on this work later
- Working with our Maternal, Child, Family Health Division to create training programs to educate workers who go into homes and work with families with young children
- Worked with the School District of Philadelphia to create some back-to-school resources for providers
- Attended 11 health fairs this summer and distributed over 2,500 information packets on immunization to community members

Migrant Welcome Center

- In May 2022, Philadelphia received its first transport of asylum seekers, PDPH, along with other key stakeholders, coordinated a mass care response to provide shelter, medical care, and other essential services
- Immunization Program offered Varicella vaccine weekly
- Held a back-to-school clinic for children residing at the center on 8/29
- Provided 78 vaccines to 18 children to prepare them for back-to-school

Ukrainian Refugee Project

- Partnering with Catholic Social Services to provide vaccines to the Ukrainian refugees.
- The Vax (U) Kraine project is expected to launch by the end of October.
- Providing Polio, COVID, MMR, and Flu vaccines to uninsured adults

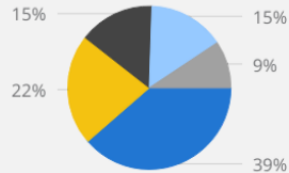
Shelters Team

- Immunization Program continues to partner with Preparedness Program to offer vaccine to unhoused persons
- Team has hosted 42 clinics in 2023
- Administered 859 vaccine in 2023, which includes COVID-19, Hepatitis A, Hepatitis B, Flu, and Mpox vaccine

Shelters Team

PDPH Homeless Outreach Team January-March 2023 Report

Total Vaccines Administered



- COVID-19 186
- Hepatitis A 106
- Hepatitis B 72
- Influenza 73
- Mpox 45

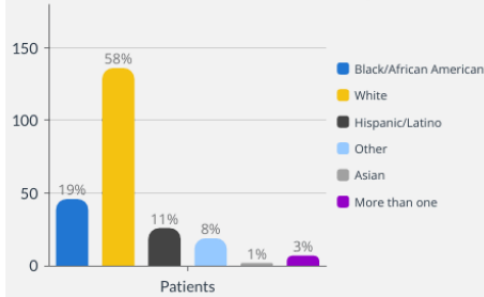
482

TOTAL VACCINES

20

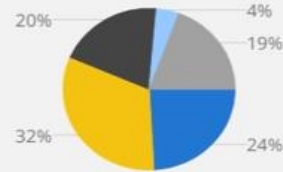
CLINICS HELD

Patient Race/Ethnicity



PDPH Homeless Outreach Team April-July 2023 Report

Total Vaccines Administered



- COVID-19 91
- Hepatitis A 122
- Hepatitis B 75
- Influenza 16
- Mpox 73

377

TOTAL VACCINES

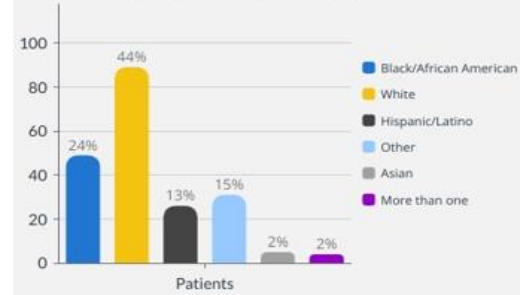
22

CLINICS HELD

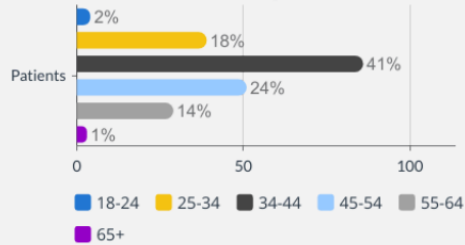
122

HEPATITIS A VACCINES

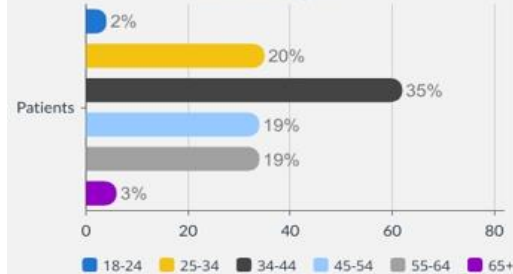
Patient Race/Ethnicity



Patient Age



Patient Age

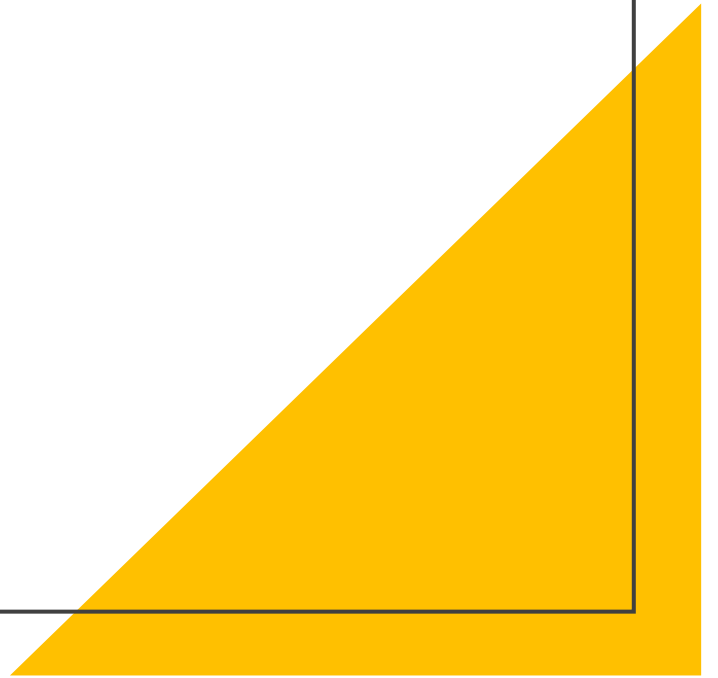


Community Flu Program

- Annually run community flu program to vaccinate uninsured adults where they feel most comfortable- in their community
- We partner with approximately 20-25 organizations
- Host over 100 clinics from September through December
- Typically vaccinate around 1,000-1,500 persons

COVID-19

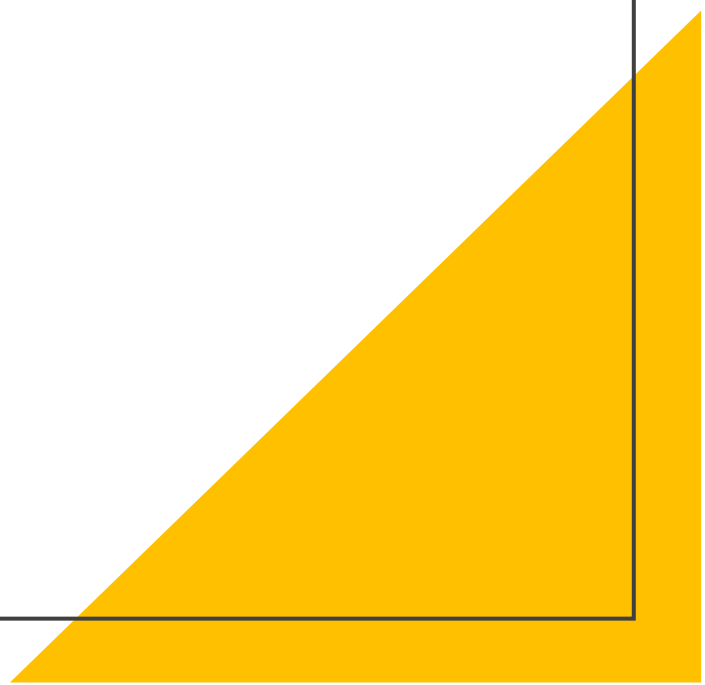
Vaccine



COVID-19/Bridge Access Program

- COVID-19 is fully commercialized
- Vaccines for Children (VFC) enrolled sites are required to order and administer COVID-19 vaccine as they would any other vaccine on the schedule
- To ensure access for uninsured/underinsured adults we are also offering the Bridge Access Program
- Sites can enroll in the program to continue to supply COVID-19 vaccine
- Goal is to create broad access
- Learn more here: <https://vaccines.phila.gov/index.php/covid-19-bridge-program/>

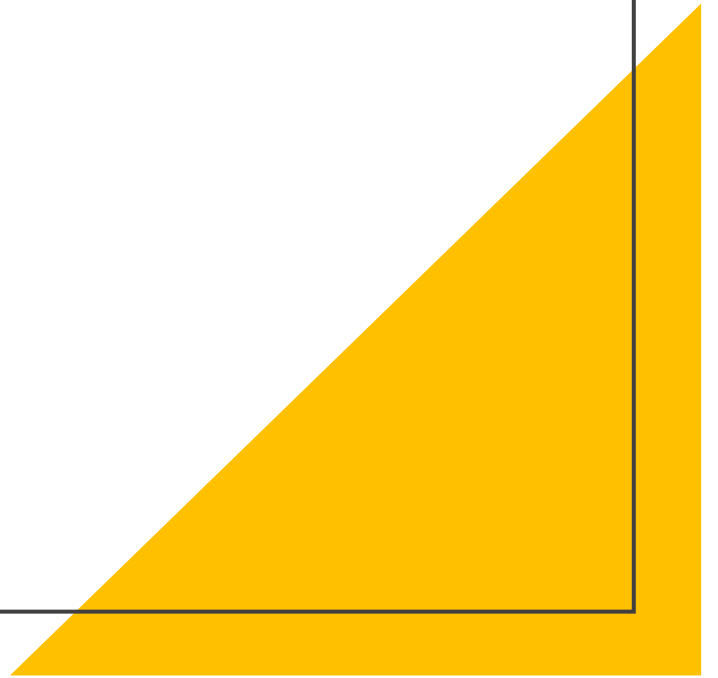
RSV



RSV Immunization Implementation

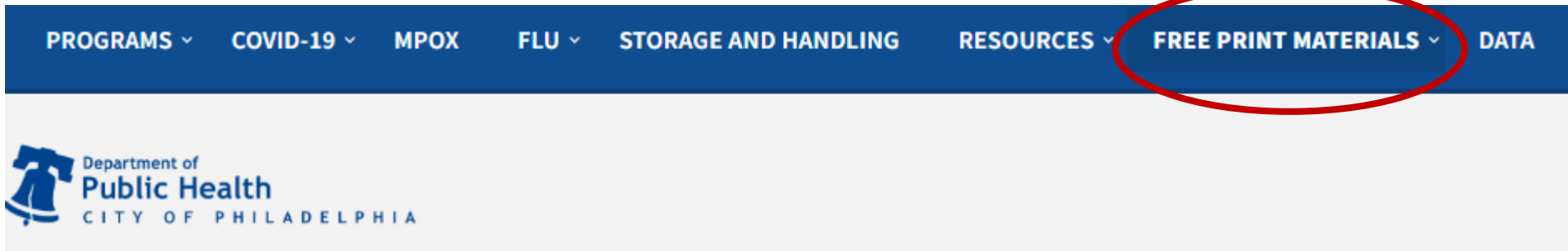
- VFC Program is working to offer nirsevimab this fall to all VFC sites and to birthing hospitals to protect infants entering their first RSV season
- Older adult RSV vaccine is not currently available through the VFC or Vaccines for Adults at Risk (VFAAR) Program
- RSV vaccine for pregnant people will be added to the VFC Program in the coming weeks

Resources



Resources for you!

- <https://vaccines.phila.gov/>: More than just PhilaVax access!



- <https://hip.phila.gov/>: new data and maps coming soon!

Questions?



Contact Us!

- Vaccines@phila.gov
- PhilaVax@phila.gov

Congratulations!



Charna Blake, BSN, RN, is the nurse coordinator for eight District Health Center FQHC lookalikes in Philadelphia that serve over 60,000 patients on an annual basis. She oversees all eight health centers' vaccine ordering for both pediatric and adult, making sure all sites have enough vaccine to serve their clientele. In her role within the Health Department's Ambulatory Health Services (AHS) clinics, she trains all immunization nurses on vaccine administration, storage and handling, Vaccines for Children requirements, 317 program requirements, reporting requirements, and ordering requirements for immunizations. In addition, she has worked tirelessly with the immunization program staff over the last 12+ years to create more collaboration between the AHS clinics and the Philadelphia Department of Health.