

Broome County Responds to Mpox with a Public-Private Collaboration

Melissa Brennan, FNP, Broome County Health Department
With thanks to Southern Tier AIDS Program

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Southern Tier AIDS Program (STAP)

- Has served the Southern Tier for almost 40 years
- Currently serves eight counties
 - Broome, Chemung, Chenango, Cortland, Delaware, Otsego, Tioga, Tompkins
- Prevention Services
 - HIV, STI testing, HIV PrEP and Hep C consultation, navigation services (insurance, housing, and more)
- Client Services
 - Health Homes Care Management, Supported Housing, Ryan White Case Management, Re-Entry Program

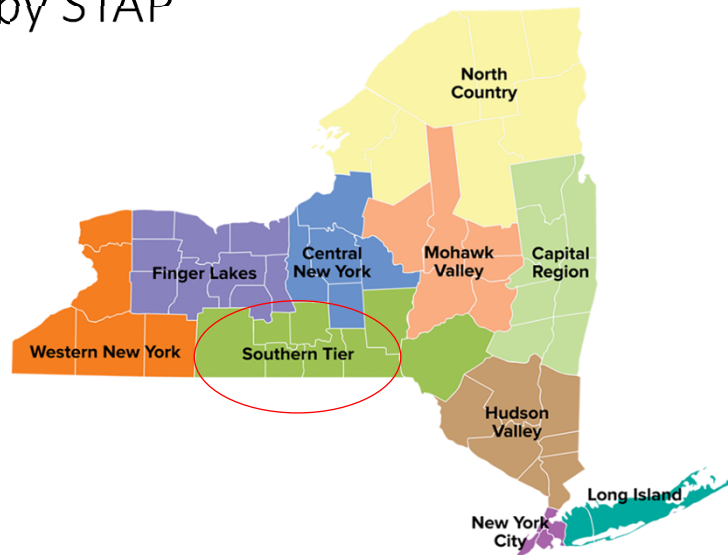


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Counties Served by STAP

- **Broome***
- **Chemung***
- **Tompkins***
- **Tioga***
- Cortland
- Chenango
- Otsego
- Delaware

*Counties where STAP has recently organized mpox vaccine clinics



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Broome County Health Department (BCHD)

- Mission
 - Broome County Health Department serves our residents by promoting and protecting public health through education and prevention
- Immunization Activities
 - Long-standing immunization clinic, currently held weekly
 - Return to community-based vaccine clinics during COVID-19



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A Partnership is Born

- STAP received a grant from NYSDOH/ AIDS Institute to provide mpox education and outreach
 - Funds supported incentives and activities to facilitate vaccination (e.g. transportation assistance)
- STAP does not have ability to vaccinate or store vaccine, so BCHD was brought in

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Outreach

- Target Populations
 - LGBTQ+ community
 - People of color
 - People living with HIV/ AIDS
- Outreach Methods
 - Table at events
 - Partner with community organizations
 - Promote through other STAP programs
 - Paid ads on Grindr
 - Social media campaign (funded by Community Foundation of South Central New York)

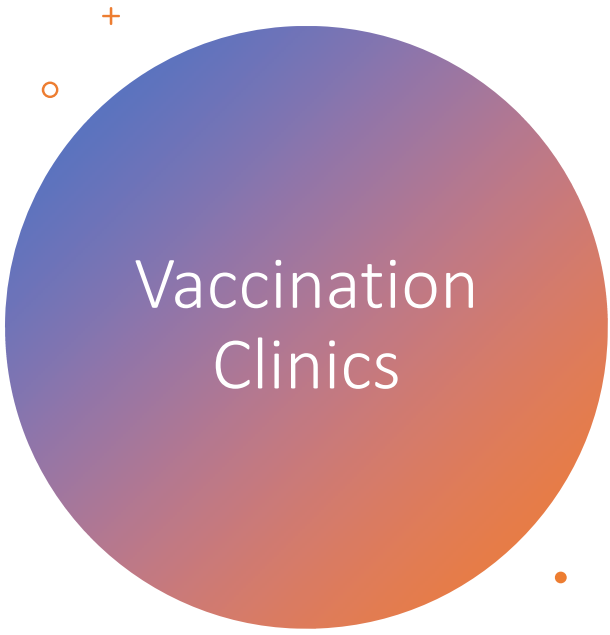


**Know
the
facts.**

MPOX is a disease that can cause flu-like symptoms and distinct rashes, sores, and bumps on the body. While MPOX is rarely fatal, it can spread to anyone through close, personal, skin-to-skin contact. It's important to know the symptoms, how it spreads, and what to do if you are exposed. Ask your healthcare provider if an MPOX vaccine is right for you. Start your MPOX vaccine series today!

Both doses for the best protection.

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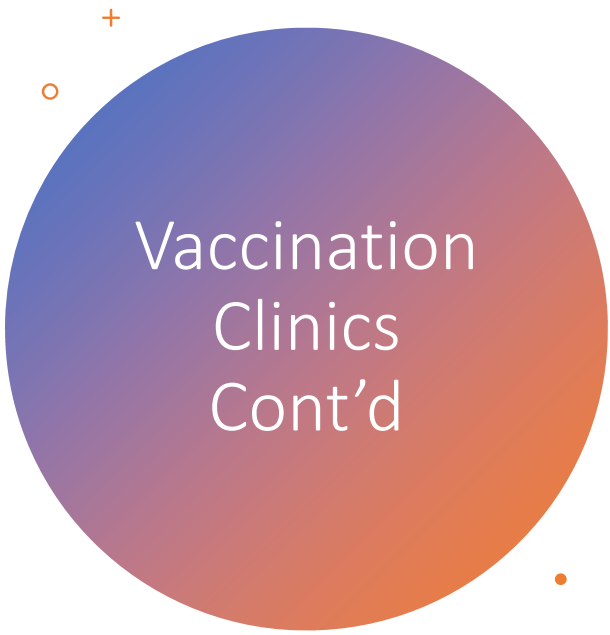


A large circle with a blue-to-orange gradient. The text "Vaccination Clinics" is centered in white. To the top-left of the circle are a small orange plus sign and a small orange circle. To the bottom-right of the circle is a small orange dot. To the right of the circle is a vertical line with a blue-to-orange gradient.

- 20 clinics held in Broome County*
- STAP
 - Provided incentives (usually grocery or gas gift cards) for vaccination
 - Held STI testing clinics in conjunction with vaccination events to increase reach
- BCHD
 - Supplied JYNNEOS vaccine
 - Provided clerical staff and nurse vaccinators
 - Set up the online registration and screening form in CDMS (Communicable Disease Management System)

**STAP held more mpox clinics in other counties, in conjunction with other LHDs*

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A large circle with a blue-to-orange gradient. The text "Vaccination Clinics Cont'd" is centered in white. To the top-left of the circle are a small orange plus sign and a small orange circle. To the bottom-right of the circle is a small orange dot. To the right of the circle is a vertical line with a blue-to-orange gradient.

- Appointments every 10 minutes
- Clerical staff
 - Acted as greeters
 - Completed the CDMS consent/vaccine records, patient vaccine records
 - Recorded vaccine doses for the vaccinees' vaccine cards.
 - Accessed NYSIIS and NYC CIR for those getting second doses without hard copies of previous doses from other sites

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Vaccination Clinics Cont'd


- Originally, as advised by NYSDOH, the vaccine was administered via the intradermal route to maximize the vaccine supply
 - JYNNEOS supplied in 0.5 ml vials
 - Intradermal dose = 0.1 ml, so potentially 5 doses per vial
 - Subcutaneous dose = 0.5 ml
 - BCHD did not have low dead space tuberculin syringes so we usually got only 4 full doses from each vial
- BCHD has three nurses long experienced in administering intradermal injections (for Tb skin testing). ID injections are the technically most difficult of all injections to administer correctly. Not a procedure that lends itself to just-in-time training
- All 3 nurses volunteered to be vaccinators for this initiative

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Challenges to Vaccination

1. Community perception that mpox is not a high priority
2. Limited opportunities to get mpox vaccine (not available at most primary care locations or pharmacies)
3. LHD staffing levels
4. Large portion of target population already received mpox vaccine at beginning of 2022 outbreak

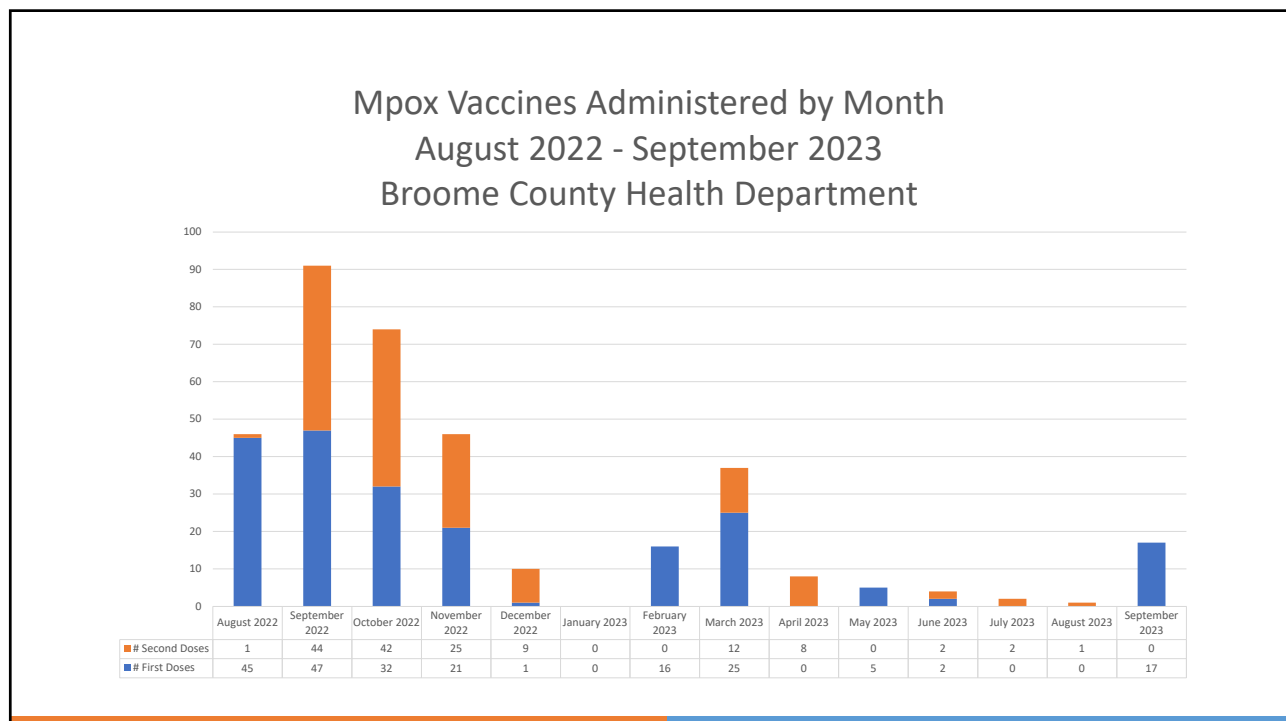
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Impact in Broome County

- Administered 357 total doses from August 2022 to September 2023
 - 211 first doses
 - 146 second doses

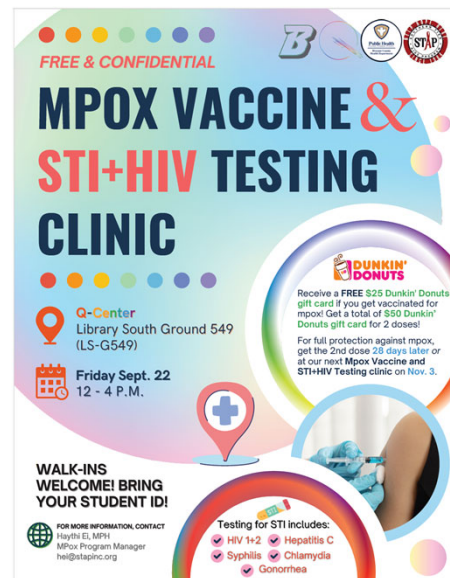
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Next Steps

- STAP's grant funding has ended
- Community-based clinics to continue at local colleges/universities in Fall 2023
- BCHD has integrated mpox vaccination into its weekly STI clinic



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Questions?

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