# The White House National Mpox Response: NASTAD Update

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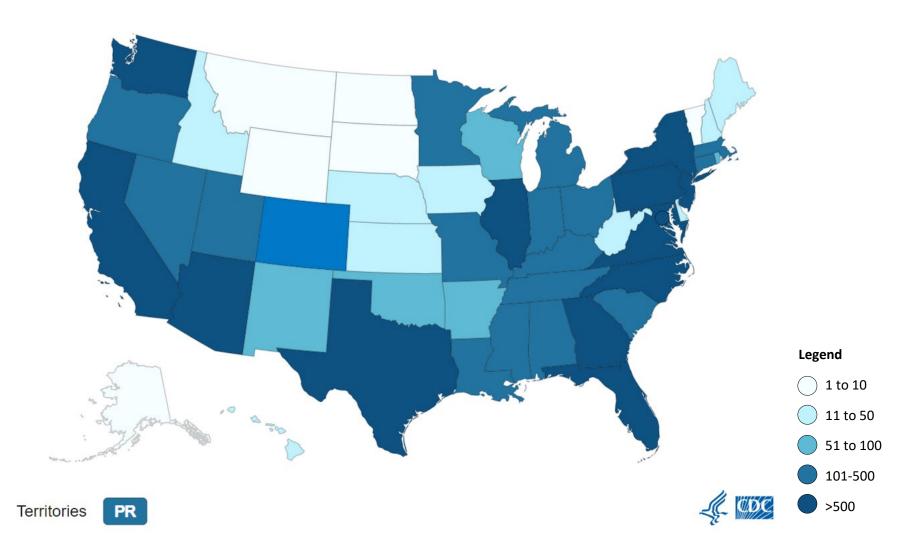


This briefing is open to the public, however the conversation should be considered off the record and any press inquiries for the White House should be directed to the White House Press Office.



# State of the Epidemiology

# U.S. Situation Update – May 17, 2023

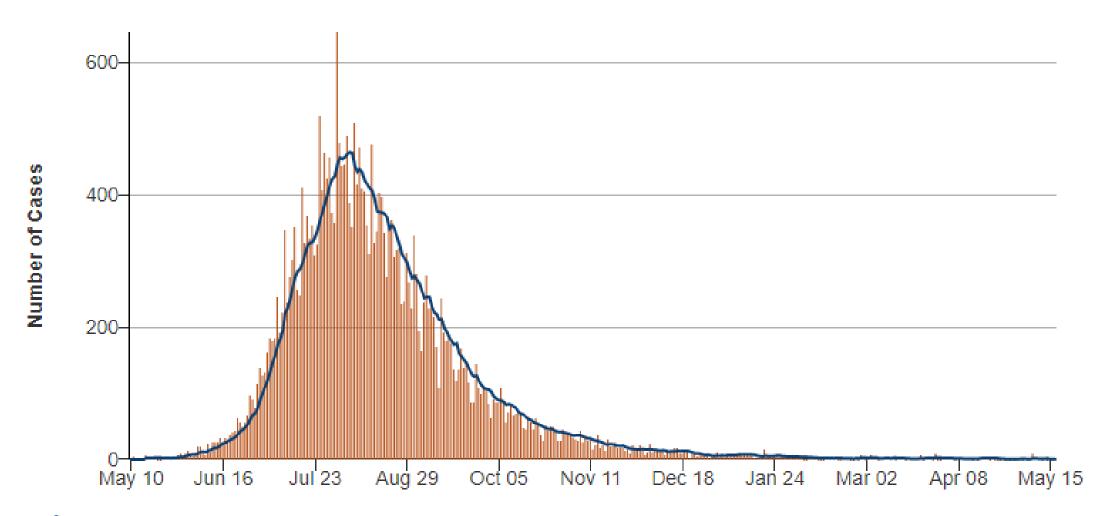


30,401
Total confirmed mpox / orthopoxvirus cases

**42**Total deaths

<sup>\*</sup>For recent mpox case numbers see CDC Situation Summary: https://www.cdc.gov/mpox

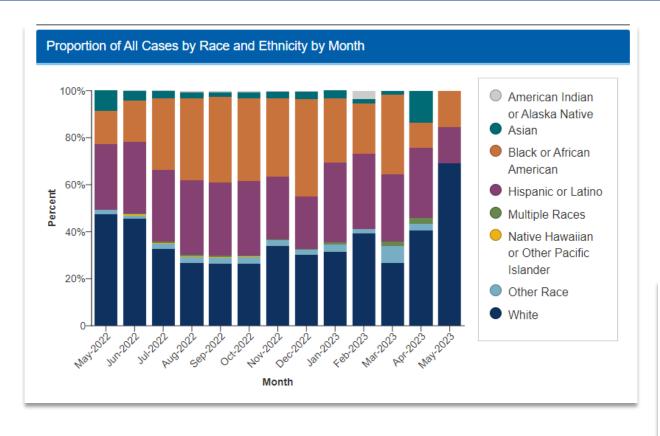
# Daily Mpox Cases and 7 Day Daily Average Reported in U.S.

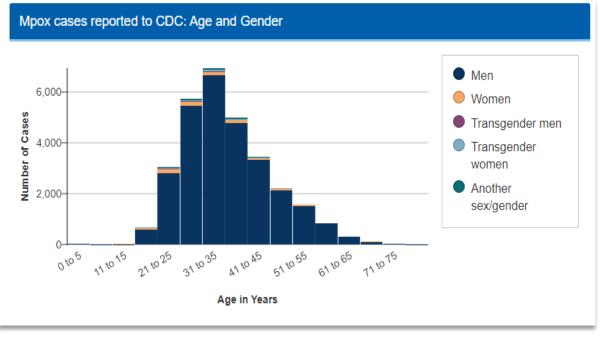


Data as of May 17, 2023

\*For recent mpox case numbers see CDC Situation Summary: https://www.cdc.gov/mpox

# Mpox Demographics- May 17, 2023





### Chicago Department of Public Health



# **Health Alert**



City of Chicago Lori E. Lightfoot, Mayor

www.chicagohan.org

Chicago Department of Public Health Allison Arwady MD MPH, Commissioner

## RESURGENCE OF MPOX

Provider Update May 9, 2023

#### **Summary and Action Items**

- Chicago Department of Public Health (CDPH) has identified a resurgence of cases of mpox (formerly monkeypox).
- From April 17<sup>th</sup>-May 5<sup>th</sup> 2023, 12 confirmed and one probable case of mpox were reported to CDPH. All cases were among symptomatic men. Nine (69%) of 13 cases were among men who were fully vaccinated for mpox.
- Transmission of mpox continues locally and disproportionately affects the same populations affected by Sexually Transmitted Infections (STIs) and human immunodeficiency virus (HIV).
- · Healthcare providers are urged to remain diligent in screening and vaccinating at risk populations.
- Vaccination is an important tool in stopping the spread of mpox, although vaccine-induced immunity is not
  complete. People who are vaccinated should <u>continue to avoid close, skin-to-skin contact</u> with someone who has
  mpox.
- JYNNEOS is a 2-dose vaccine approved for the prevention of mpox and smallpox. All eligible Chicagoans should
  receive both doses of the vaccine for the best protection against mpox. The second dose should be given 4 weeks
  after the first dose. If more than 35 days has elapsed since the first dose was given, administer the second dose as
  soon as possible. Vaccine boosters are not recommended at this time.
- CDPH encourages healthcare providers to adopt a syndemic approach to addressing mpox and including incorporating mpox, STI and HIV screening, treatment and prevention into existing sexual health services.

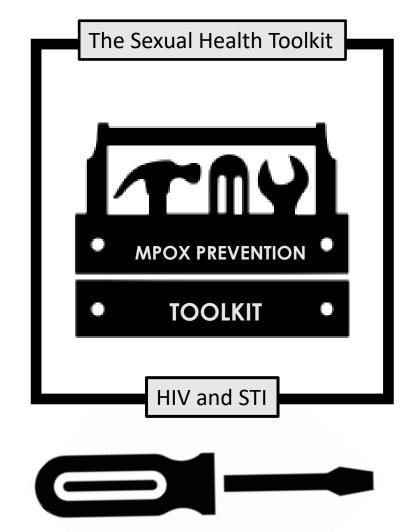


# Mpox Prevetion and The Risk of Future U.S. Mpox Outbreaks



**Vaccine:** Prevents infection & complications of mpox





**Education:** Informing people of how mpox is transmitted so they can make informed decisions about their sex lives and harm reduction.



**Testing:** Identifies infections and allows for public health action and supportive treatment/investigational drug access. Think HIV/STI!



# Summary of VE Studies May 18, 2023



Overlapping Confidence Interva

1 dose VE=75.2% (61.2-84.2%)

1or2 dose VE=75.7% (48.5-88.5%)

2 dose=88.5% (44.1-97.6%)

tified controls at sexual health services h self report on survey.

Upox cases from surveillance compared to self

difference in SQ, ID or Mixed

sed with 2 dose VE not han non-IC.

d to MSM with

Large sample.

gistry based. Mpox cases

dy focused on people with biomarkers of recent behaviors that might increase mpox exposure risk.

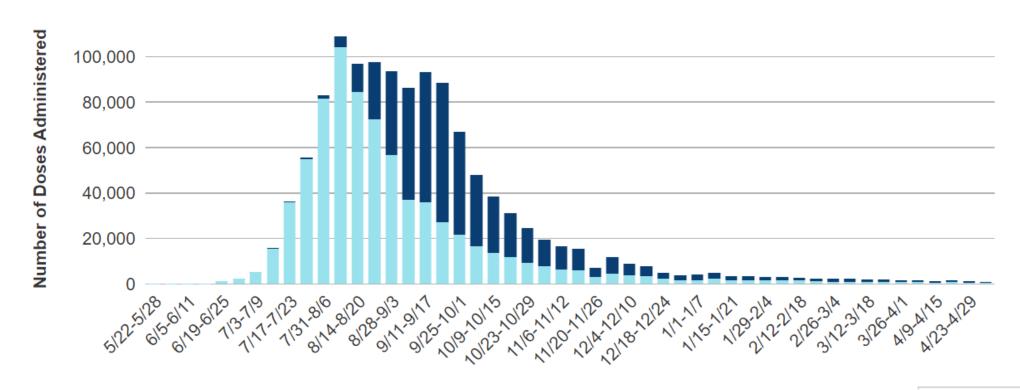
VE=ZERO

MSM with incident rectal GC/Ct or yphilis.

# Mpox Vaccine Administration in the U.S.

1,218,441

doses administered in the 57 U.S. jurisdictions



**Date Administered** 



# Mpox Vax to Case compared to HIV PrEP to Need Ratio

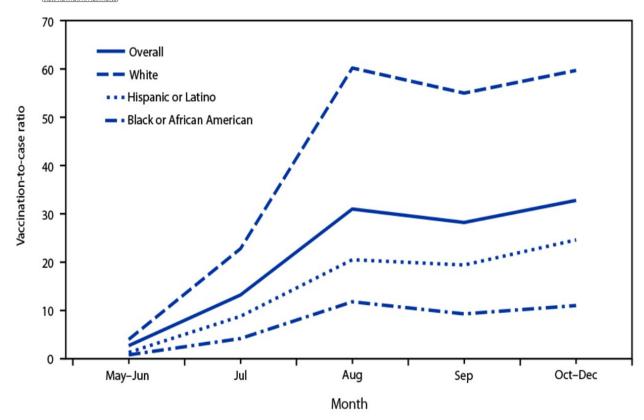
Morbidity and Mortality Weekly Report (MMWR)

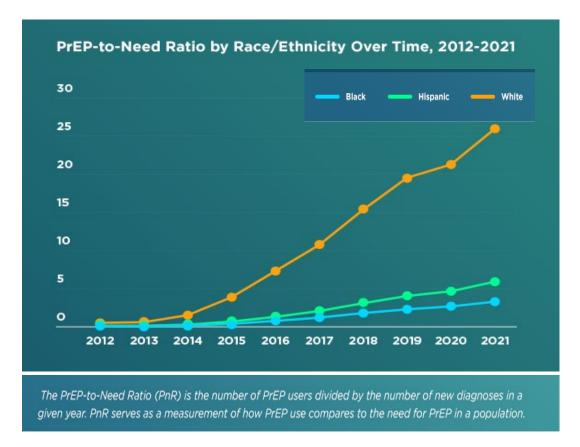
Racial and Ethnic Disparities in Mpox Cases and Vaccination Among Adult Males — United States, May–December 2022

Weekly / April 14, 2023 / 72(15);398-403

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Krishna Kiran Kota, PhD<sup>1,2</sup>; Jaeyoung Hong, PhD<sup>1</sup>; Carla Zelaya, PhD<sup>1</sup>; Aspen P. Riser, MPH<sup>1</sup>; Alexia Rodriguez, MPH<sup>1</sup>; Daniel L. Weller, PhD<sup>1</sup>; Ian H. Spicknall, PhD<sup>1</sup>; Jennifer L. Kriss, PhD<sup>1</sup>; Florence Lee, MPH<sup>1</sup>; Peter Boersma, MPH<sup>1</sup>; Elizabeth Hurley, MS<sup>1</sup>; Peter Hicks, MA, MPH<sup>1</sup>; Craig Wilkins, MPH<sup>1</sup>; Harrell Chesson, PhD<sup>1</sup>; Jeniffer Concepción-Acevedo, PhD<sup>1</sup>; Sascha Ellington, PhD<sup>1</sup>; Ermias Belay, MD<sup>1</sup>; Jonathan Mermin, MD<sup>1</sup> (MPM, ALTHOR AFEIL ATIONS)



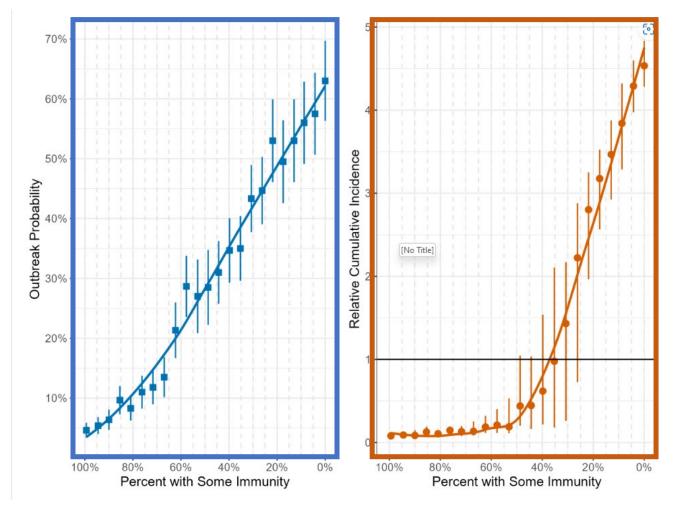


https://aidsvu.org/prep-use-race-ethnicity-launch-22/

# CDC Modeling Forecast: We Are Still at Risk of a Large and Costly Outbreak!

- The more immunity we have in the community, the lower the chance that we will have any outbreaks.
  - Higher vaccination=Lower risk for an outbreak
- The size of future outbreaks could be equal to or larger than our current outbreak if vaccination coverage is less than 30-35%.

1<sup>st</sup> Dose = 37% Fully Vaccinated = 23%



https://www.cdc.gov/poxvirus/mpox/response/2022/risk-assessment-of-resurgence.html

# Updated Mpox Risk Assessment-May 17,2023



NEW May 17, 2023

## Renewed Mpox Outbreaks Likely

A recent uptick in mpox cases in Chicago underscores the risk of renewed mpox outbreaks, which we judge is substantial across the United States.

Read the Analysis

## Summary

CDC continues to assess that the risk of resurgent mpox outbreaks is substantial in the United States. Although the daily number of reported mpox cases has fallen dramatically since August 2022, the diagnosis of several unlinked cases each week and intermittent wastewater detections across jurisdictions are consistent with ongoing undetected transmission. The risk of outbreaks could further increase as people gather this spring and summer for festivals and other events with high potential for skin-to-skin contact or increased sexual activity. Healthcare providers, public health agencies, and partner organizations should help ensure disproportionately affected populations—currently gay, bisexual, other men who have sex with men (MSM), and transgender people—have access to vaccines, testing, and treatment. People at risk for mpox exposure should 1) be vigilant of the possibility of community transmission, 2) take steps to reduce risk of infection, and 3) seek vaccination.



# **Mpox Therapeutics**

# **STOMP Study**





Friday, September 9, 2022

U.S. clinical trial evaluating antiviral for monkeypox begins

NIH trial to gather data on tecovirimat (TPOXX).



Interested volunteers can visit the ACTG website for information on clinical trial A54186. Please do not call or email to News and Science Writing Branch to inquire about enrolling in this trial.

A Phase 3 clinical trial evaluating the antiviral tecovirimat, also known as TPCOC, is now enrolling adults and children with monkeypox infection in the United States. Study investigators aim to enroll more than 500 people from clinical research sites nationwide. Interested volunteers can visit the ACTG website (clinical trial A5418) of for more information. The trial is sponsored by the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health. The NIAID-funded AIDS Clinical Trials Ground?





Call Center: 1-855-876-9997 (U.S. only)



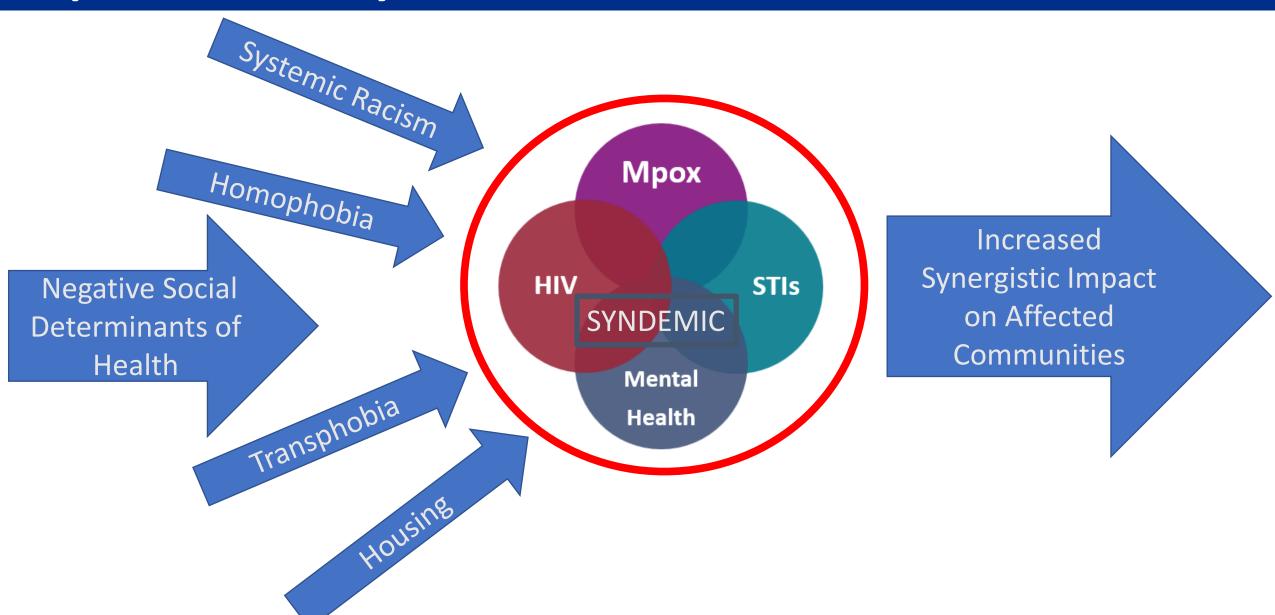
STOMP About the Study Participating Research Sites



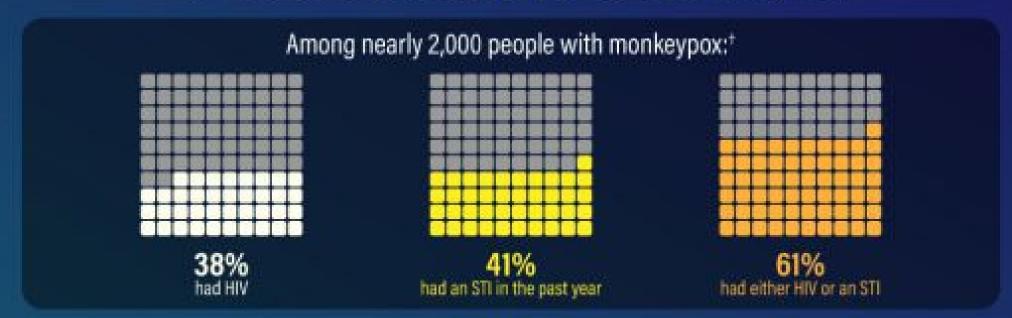


# The Mpox Syndemic

# **Mpox Joins the Syndemic**



# In the U.S., HIV or recent sexually transmitted infections (STIs)\* are common among people with monkeypox



# It is important to

Prioritize people with HIV and STIs for monkeypox vaccination Offer HIV and STI screening for people evaluated for monkeypox



\*Diagnosed with an STI other than HIV in the past year \*People diagnosed with monkeypox in eight jurisdictions during May 17-3uly 22, 2022

bit.ly/mm7136a1



## **HIV Makes Mpox More Severe**

People with mpox and HIV were more likely to report severe symptoms

People with mpox and HIV were more likely to be hospitalized. (8% vs 3%).

People with a detectable VL experienced more severe symptoms and were more than 3X more likely to be hospitalized than all people with HIV and 9X more likely than people without HIV.

People with T cells <350 were 2X as likely to be hospitalized than all people with HIV and 5X more likely than people without HIV.

## Morbidity and Mortality Weekly Report (MMWR)



## Severe Monkeypox in Hospitalized Patients — United States, August 10– October 10, 2022

Early Release / October 26, 2022 / 71

- 57 people with severe disease reported to CDC for consultation
  - 82% had HIV, others with non-HIV immunocompromising conditions
  - 72 % with CD4 count less than 50
  - Less than 9% on HIV medications
  - 68% Black
  - 23% homeless
- 12 deaths reported among the 57
  - 5 confirmed related to mpox

Characteristic (no. with information available)	No. (%)
HIV CD4, cells/mm <sup>3</sup> (43)	
<50	<mark>31 (72.1)</mark>
50–200	<mark>9 (20.9)</mark>
>200	3 (7.0)
HIV Treatment (47)	
On ART at the time of mpox diagnosis	<mark>4 (8.5)</mark>

### Morbidity and Mortality Weekly Report (MMWR)

# Epidemiologic and Clinical Features of Mpox-Associated Deaths — United States, May 10, 2022–March 7, 2023

Weekly / April 14, 2023 / 72(15);404-410

#### **Print**

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## Summary

### What is already known about this topic?

Severe manifestations of mpox have occurred in the United States, particularly among persons with uncontrolled viral spread resulting from moderately to severely immunocompromising conditions.

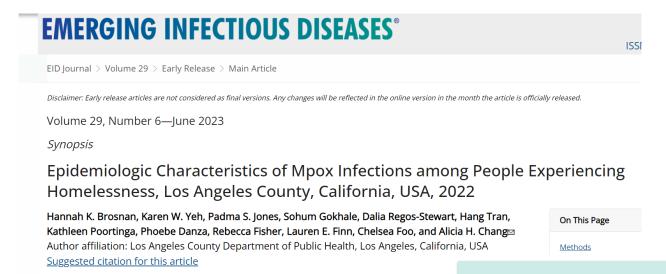
### What is added by this report?

Thirty-eight mpox-associated deaths occurred in the United States during May 10, 2022–March 7, 2023 (1.3 mpox-associated deaths per 1,000 cases). Most decedents were non-Hispanic Black or African American (87%) persons and cisgender men (95%). Among 24 decedents with HIV for whom data were available, all had advanced HIV, typically with a CD4 count <50.

#### What are the implications for public health practice?

Equitable and early access to prevention and treatment for both mpox and HIV is critical to reducing mpox-related mortality.

## Homelessness and Mpox-Los Angeles County, 2022



## Abstract

In Los Angeles County, California, USA, public health surveillance identified 118 mpox cases among persons experiencing homelessness (PEH) during July–September 2022. Age and sex were similar for mpox case-patients among PEH and in the general population. Seventy-one (60%) PEH mpox case-patients were living with HIV, 35 (49%) of them virally suppressed. Hospitalization was required for 21% of case-patients because of severe disease. Sexual contact was likely the primary mode of transmission; 84% of patients reported sexual contact ≤3 weeks before symptom onset. PEH case-patients lived in shelters, encampments, cars, or on the street, or stayed briefly with friends or family (couch surfed). Some case-patients stayed at multiple locations during the 3-week incubation period. Public health follow-up and contact tracing detected no secondary mpox cases among PEH in congregate shelters or encampments. Equitable efforts should continue to identify, treat, and prevent mpox among PEH, who often experience severe disease.

## **Syndemic Challenges Require Syndemic Solutions**



#### DEPARTMENT OF HEALTH & HUMAN SERVICES

Hoth Rosenos and Service

Radovilla, MD 20057 HIVWDS Duran

Deer Ryan White HIV/AIDS Program Colleagues:

testing, treatment, and vaccination.

On August 4, 2022, the mankeypox outbreak was declared a public health emergency in the U.S. From the outset, the Health Resources and Services Administration's (HRSA) IIIV/AIDS Bureau (HAB) engaged with federal partners across the Department of Health & Human Services contail the need enting spread of monkeypor, help health care providers who are treating patients who have monkeypool, and or sure those most at risk are at the focus of our response

As of today, there are more than 2.500 continued cases of monkeypes in the U.S., and the outbreak continues to spread rationwide. Gry, bisecond, and other men who have see with men (MSM) have been particularly affected by this outbreak. As trasted provides with a strong history of supporting the health and well-being of the MSM community, many ERSA Russ White HIV/AIDS Program (RWHAP) recipients and subrecipients are responding to the monkeyper outbreak, while continuing to provide essential HIV care and support services Therefore, BRSA HAB is providing clarification on the use of RWHAP funds for mankeypt

Monkeyou testing is available through public health and commercial laboratories. Testing through public health laboratories is free of charge, while there are costs associated with test at commercial laboratories. If a provider earing for a RWHAP client does not have ready as to public health laboratory testing, RWHAP funds can be used to cover excess and dishard for insured clients and the cost of testing for uninsured clients when a commercial laborator

CDC-recommended nost-exposure progleday is and arriving treatments are available for ne exposed to menkeypex or diagnosed with menkeypex virus infection. Please note, at this tip monkeypox vaccines and treatment are being provided by the U.S. federal government, RWI providers chould work with their state-territorial health departments to access the orthogon untiviral TPOXX (tecevirinal) for the treatment of markeypox and the markeypox vaccin

RWHAP funds may be used to pay for free associated with vaccine administration and treat of monkeypes for eligible elients, such as medical visit costs, including personal protective equipment for staff, vaccination supplies, including co-pays and deductibles for insured clien in accordance with Police Clarification Notice #16-02 Ryes White HIV/AIDS Progr e Individuals & Allowable Uses of Funds, RWHAP providers should continue to part with health departments and work together to address monkeypos in their communities

DEPARTMENT OF HEALTH AND HUMAN SERVICES. Public Hoalth Service and Prevention (CDC)

Attacks GA 55053 September 7, 2022

#### Dear Colleges

The United States is currently experiencing a nationwide menkeypen outbreak. Most monkeypox transmission is occurring through sexual transmission in the same populations who experience the highest risk for HIV and other STDs. The purpose of this message is to provide additional guidance to NCHRSTP partners about the appropriate use of current award resources based on NCHHSTP's syndemic approach to HIV, STD, and monkeypox porvention. This puidance builds on CDC any information linked here (Pleubline Contrary by Amiliana and Entiports of Pederal Francish Assistance (eds. gov) | Temperary Renorgament of Personnel, COVID-

Recipients funded under the following CDC Notice of Funding Opportunities (NOFOs) may tree their grant resources, including funds or staff, for monkeypox activities that are conducted in conjunction with your HIV or STD prevention activities:





SAMHSA grantees may use SAMHSA grant resources, including funds or staff, for

At present, there are more than 24,000 confirmed monkeypox cases in the US, and the outbreak At present, there are more than 24,000 continued monkeypox cases in the US, and the outreast, continues to spend. Currently, monkeypox is disportionately affecting gay, bisexual and other men who have sex with men (MSM). However, anyone can get monkeypox. Although limited transmission has been seen in groups who live in close quarters, like people experiencing homelessness, awareness of monkeypox is needed to quickly identify and prevent the spread of infection in such settings. Like other infectious diseases, the monkeypox virus can affect people

SAMHSA embraces a whole-person approach to the prevention, treatment, and recovery of mental health and substance use conditions. Although SAMHSA grant recipients are not mental neatural and subsidied cut containous. A annough SAMHSA grant recipions as aire not one permitted to use SAMHSA funds for monkeypox treatment, testing, or succine administration SAMHSA grantees may use grant resources, including funds or staff, for monkeypox activities conducted in conjunction with SAMHSA supported work. Such monkeypox activities include a real resource of the success of the permitted to, navigating people served by SAMHSA funds to testing, treatment, and prevention resources identified through collaboration with local health departments and mentals which is the success of the succes

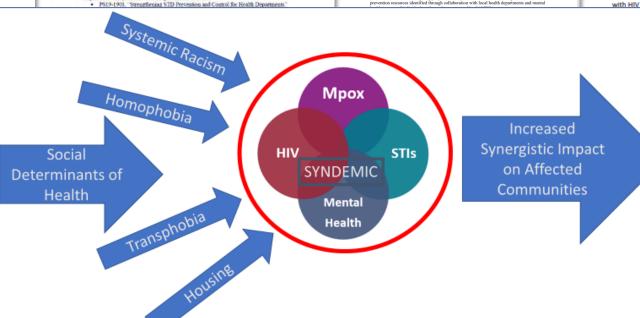
#### In Focus: MMWR Severe Monkeypox (MPX) Study

The first Monkeypox (MPX) case in the United States was confirmed on May 17, 2022, and after a significant rise in cases, MPX was declared a public health emergency in the United States on August 4, 2022. New data is showing that the current MPX outbreak is disproportionately affecting people living with HIV and those experiencing homelessness. This is the same population that meets eligibility requirements for assistance through HUD's Housing Opportunities for Persons With AIDS (HOPWA) and Homeless Assistance programs.

The latest publication of the Morbidity and Mortality Weekly Report (MMWR) by the Centers for Disease Control and Prevention (CDC) on October 26, 2022 provides evidence through a study that people with HIV and people experiencing homelessness are highly impacted with the most severe cases of MPX. Of the sample of people with severe MPX disease, 82% were people with HIV and 23% were people experiencing homelessness. Further, 72% of the severe MPX cases among people with HIV had <50 CD4 cells/mm3. A person with HIV is considered to have progressed to AIDS when their CD4 cells drop below 200 CD4 cells/mm3. A CD4 cell count of <50 CD4 cells/mm3 indicates a badly damaged immune system and is a likely sign that a person with HIV is not maintaining an HIV medication regimen. In this study, just 9% of these patients

trovirals at the time of their MPX diagnosis. The full study can be accessed

tigate cases of severe MPX, we need to get people housed, linked to HIV care ptected through MPX vaccination, and connected to needed supportive mental health and substance use services. Housing can and should be used as ndividuals who have disengaged from HIV care to reconnect, and to ensure regimen can be maintained. Both HOPWA and the Homeless Assistance the Continuum of Care (CoC) and Emergency Solutions Grants (ESG) d housing and supportive services for individuals most vulnerable to MPX re health outcomes. Individuals and families who have HIV and who essness are eligible for assistance under the CoC and ESG programs. HOPWA ed to provide assistance for individuals or families experiencing homelessness lessness with the only eligibility requirements being that the family is low-





# Summer Health Resources and Engagement

# **Syndemic Messages for Summer 2023**

## Get Healthy and Ready for Summer 2023

### Print



The warmer months are full of events that celebrate the LGBTQ+ community. Preparing for this season is a great opportunity to make sure that you stay healthy before, during, and after these celebrations.

https://www.cdc.gov/lgbthealth/summer/index.html#print



#### Know Before You Go

If travelling, check out travel or health-related advisories for your destination a month before you go and again closer to your trip.

- Visit the <u>State Department's website</u> \( \text{to see if there are any travel advisories for your destination.} \)
- Visit CDC's <u>Traveler's Health website</u> and <u>Traveler's Health Notices</u> to see if there are health-related warnings or recommendations.



#### Stay Up to Date on Your Sexual Health Care

Visit your health care provider or find a health clinic to stay up to date with your sexual health care. Discuss the types of sex you have so that your provider can offer testing and prevention services, including vaccines, that are right for you.

If you don't know your <u>HIV</u> status, <u>get tested</u> near where
you live, work, or play, including options for ordering <u>free</u>
<u>self-testing kits</u> \(\subseteq \text{.}\) No matter your results, there are
steps you can take to stay healthy. If you don't have HIV,
you have options to <u>prevent HIV</u>, including <u>finding a PFEP</u>
<u>provider</u> to see if PrEP is right for you. If you test positive,
you can find a <u>care provider</u> \(\superaction \) and <u>live well with HIV</u>. HIV
treatment will keep you healthy and <u>prevents you from</u>
<u>transmitting HIV</u> to your sex partners.



#### Stay Up to Date on COVID-19

Whether you are staying close to home for events or travelling internationally or domestically, stay up to date with <u>COVID-19 vaccination</u>, testing, and other prevention strategies.



#### Stop Overdose

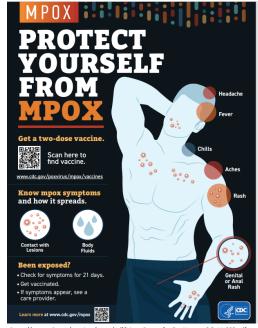
To address the increasing number of overdose deaths related to both prescription opioids and illicit drugs, CDC created a website to educate people who use drugs, or are in environments where drugs might be used, about the dangers of illicitly manufactured fentanyl, the risks and consequences of mixing drugs, the lifesaving power of naloxone, and the importance of reducing stigma around recovery and treatment options. It is important to be aware that fentanyl is often added to other drugs, including stimulants like cocaine, which makes drugs cheaper, more powerful, more addictive,

## **Additional Resources**



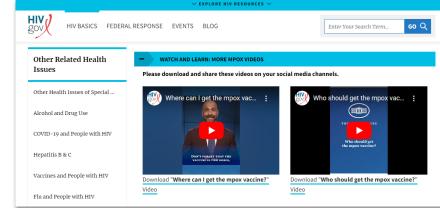


https://www.cdc.gov/poxvirus/mpox/collections/pages/pride-event-card.html



https://www.cdc.gov/poxvirus/mpox/pdf/Mpox-Poster-for-Sex-Venues-8.5x11-508.pdf





https://www.hiv.gov/hiv-basics/staying-in-hiv-care/other-related-health-issues/monkeypox/

## Get Healthy and Ready for Summer 2023

The warmer months are full of events that celebrate the LGBTQ+ community. This provides opportunities to share important messages that address testing, prevention, and treatment of health conditions that disproportionately impact LGBTQ+ people. This resource list contains a wealth of resources to help you and your event attendees "Get Healthy and Ready for Summer 2023."

#### Planning to host an event?

- Please share the Get Healthy and Ready for Summer 2023 website onto your event website.
- Use the CDC Vaccine and Services Locators to help event goers find prevention services.
  - Step 1: For Providers, if you offer the Mpox vaccine or provide HIV and STD prevention services, but are not listed on the CDC locators, please submit your information to npin.cdc.gov/organization/submit.
  - Step 2: Add the <u>New Mpox Vaccine Locator</u> to Your Website by visiting <u>www.cdc.qov/poxvirus/mpox/vaccines/</u> and clicking on "Embed" on the widget. Or copy the code below and paste it into your Web page:

<div data-cdc-widget="DynWidgets" data-componentname="MpoxLocator"></div>



 Step 3: Embed the <u>HIV Prevention Services locator</u> on your website. Copy the code below and paste it into your Web page to help event goers find prevention services.

<div data-cdc-widget="DynCombinedWidgets" data-componentname="Lets-Stop"></div><script</pre>



- CDC's Mpox Toolkit for Event Organizers is a ready-to-use resource on how to promote mpox prevention strategies during large gatheri Combined Widget Let's Stop HIV Together English
- Use the <u>Let's Stop HIV Together Pride-In-A-Box Toolkit</u> to incorporate HIV campaign messaging and resources into your activities during Pride season.
- Consult the <u>Stop Overdose Toolkit for Public Health and Safety Professionals</u> for information and strategies that are critical to preventing overdoses and reducing stigma related to drug use and addiction.
- Download and share crowdsourced <u>Mpox Resource Videos</u>. Videos are also available <u>in Spanish</u>.

#### Need resources for event attendees?

Below is a collection of resources that can be distributed to event goers to help them make informed choices that can keep them healthy before, during and after attending events this summer.

















































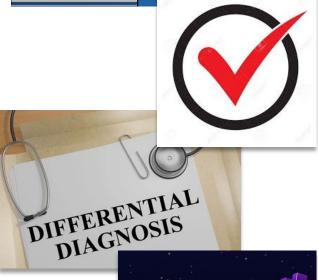




# We Need Your Help to Implement the Whole Tool Kit!

- Lead with Joy, Love, and Respect for the Community.
  - It's your superpower!
- Vaccine is our best defense against mpox.
  - Vaccinate people who could benefit from the shot.
  - If they ask for it, they need it—minimize risk assessment.
  - Make sure that people have had BOTH doses of the vaccine.
  - Consider administering vaccine in your practice if you aren't doing it.
  - Partner with local events to "Get Ready for Summer" before, during and after events
- Take a syndemic and sexual health point of view.
  - When you think mpox, think HIV, STI, and harm reduction and visa versa
  - Include mpox vaccine on your Sexual Health checklist!
- Keep mpox on your list!
  - if you see a rash that is suspicious, even in people with prior infection or vaccination, encourage providers to test for mpox.
- Knowledge is power
  - Use a harm reduction approach by reminding people of how mpox is transmitted so that they can make informed decisions about their sex lives.







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