

Monkeypox

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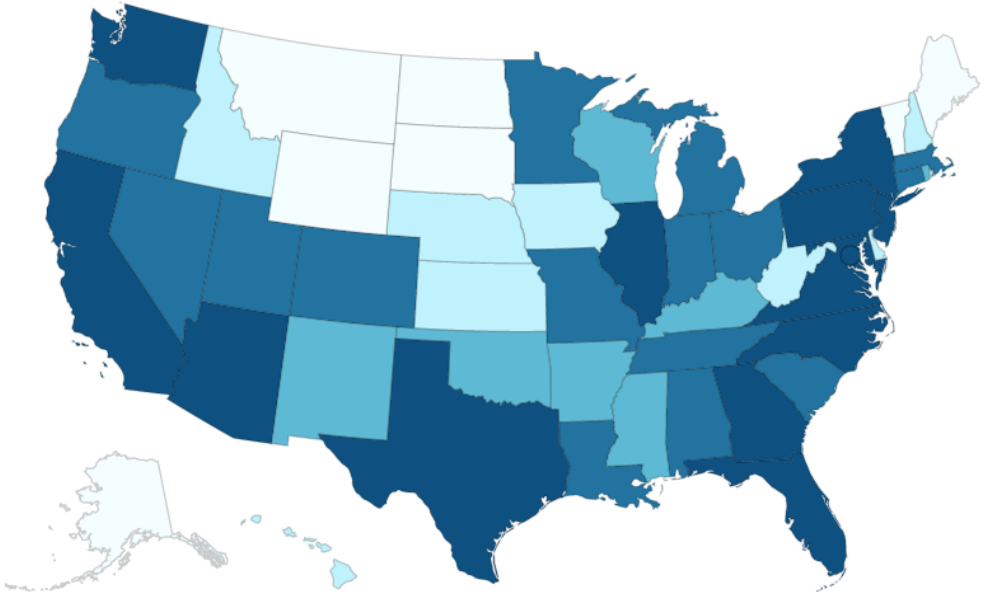
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2022 U.S. monkeypox outbreak

27,468 cases
as of
October 17,
2022

(423 in MA)



Territories PR



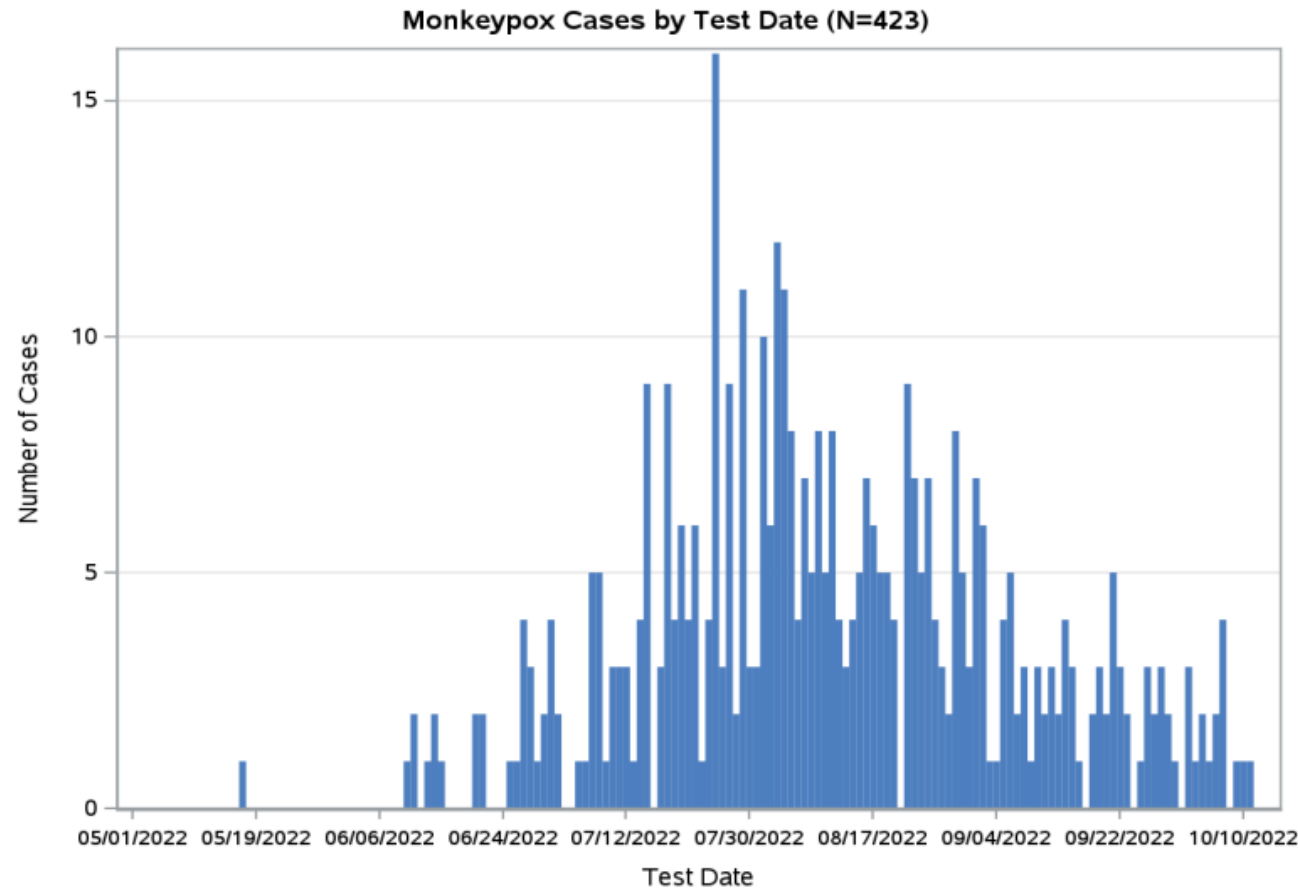
Legend

- 1 to 10
- 11 to 50
- 51 to 100
- 101 to 500
- >500

Case numbers are declining.

Monkeypox Cases – Epidemic Curve

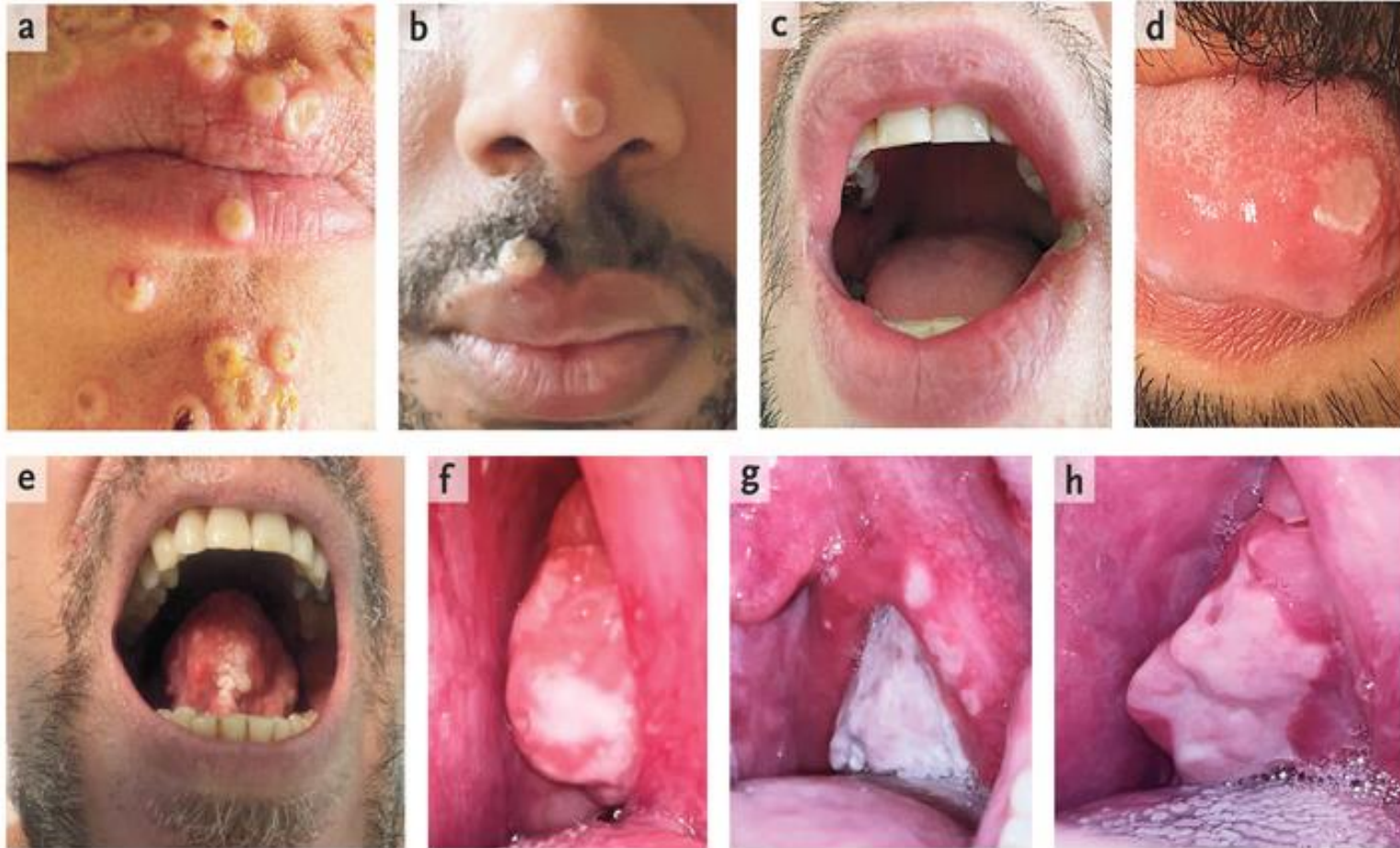
- 423 confirmed and probable cases of monkeypox have been reported in MA as of 10/13/2022
- There have been 14 new cases since the last report on 10/6/2022



Overview of monkeypox

- The illness includes rash and often fever, malaise, and swollen lymph nodes.
 - Most affected people do not require hospitalization, but they may have pain.
 - A small number of people, often those who are immunocompromised, have become severely ill.
- The illness takes ~4 weeks to resolve.
- People with monkeypox are contagious from the onset of symptoms until all skin lesions have healed.

Examples of monkeypox lesions



How is monkeypox transmitted?

1. Close physical contact
2. Contact with objects or surfaces touched by someone with monkeypox
3. Via respiratory secretions in the setting of prolonged, face-to-face contact
4. From a pregnant person to the fetus through the placenta
5. (Contact with infected animals or animal products)

Testing, treatment, and vaccination

Testing

- A swab of a skin lesion

Treatment

- Tecovirimat, developed and stockpiled for smallpox
- Available through an “IND” process from CDC for those with more severe disease and/or who are at risk for more severe disease

Vaccination

- For people with confirmed, presumed, or anticipated exposure
- 14 sites offer the vaccine in Massachusetts: www.mass.gov/info-details/monkeypox-vaccination#how-to-obtain-vaccine-

Who is eligible for vaccination?

- Gay, bisexual, and other MSM, transgender or non-binary people who:
 - Have had or sought testing for a sexually transmitted infection in the past year
 - Are living with HIV
 - Are on or eligible for HIV pre-exposure prophylaxis (PrEP)
 - Have recently had more than 1 sex partner
- People who have had:
 - Sex at a private or commercial sex venue
 - Sex in association with a large public event
- Sexual partners of people with the above risks
- People who anticipate experiencing the above risks

Summary

- Monkeypox is spread primarily by close physical contact.
- Most people affected by the current outbreak have had a mild, self-limited illness.
- Vaccination is available for those exposed to monkeypox or at increased risk for infection.
- Cases numbers are declining in Massachusetts and nationally.