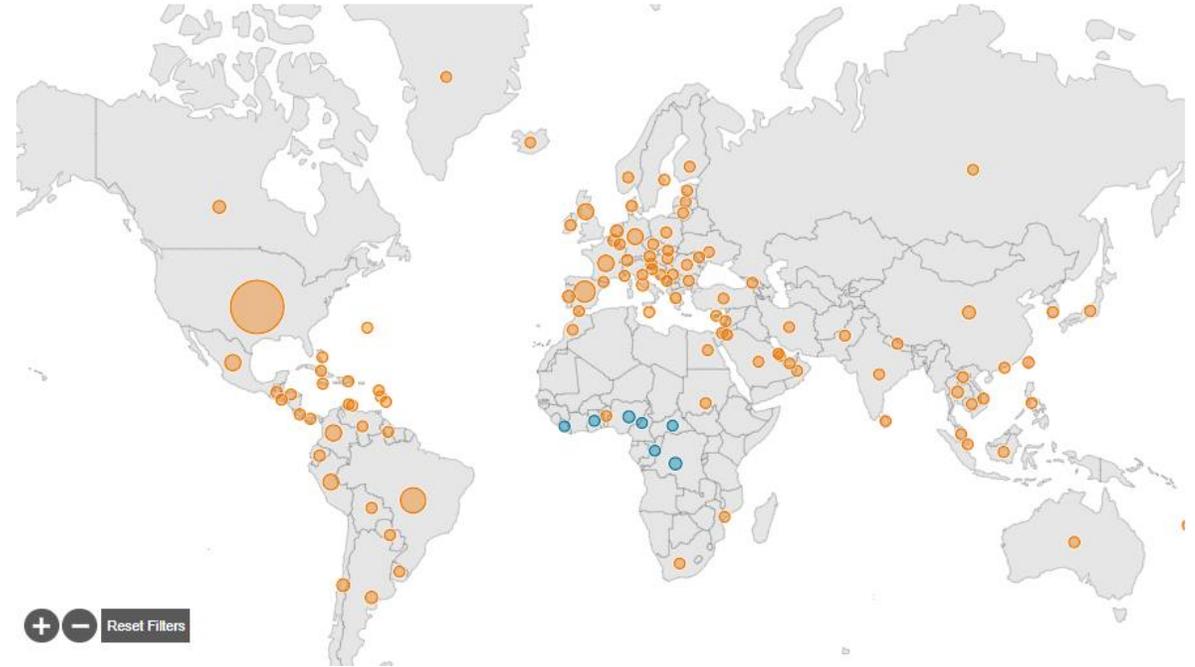


Georgia Mpox Situational Update

Project ECHO / Jessica Pavlick, DrPH, MPH & Amanda Feldpausch DVM, MPH / March 21, 2024

Mpox situational Updates as of March 5, 2024

- Globally there are 111 countries impacted that do not historically report mpox cases prior to the 2022/2023 outbreak.
- 91,842 cases in these countries are attributed to the 2022/2023 outbreak.
- The US leads country reports with more than 32k cases

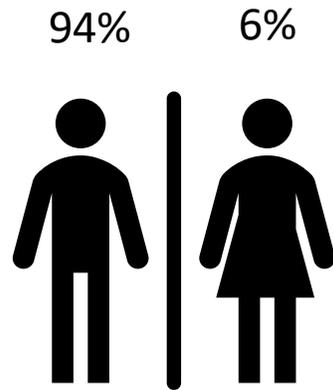


Clade I outbreak DRC

- There are two types of monkeypox virus: clade I and clade II.
 - **Clade I** causes deaths in up to 10% of the people it infects.
 - **Clade II** includes the clade IIb variant, which is associated with the global outbreak that began in 2022. Infections from clade IIb monkeypox virus are less severe. More than 99.9% of people survive.
- Clade I outbreak in the DRC reported in 2023
 - US concern (low travel, epidemiology, etc)
 - Testing basics (more later!)
 - Vaccination reminder

Georgia Situational Update as of March 14, 2024

In 2024, Georgia had 18 total mpox cases



Fall/Winter 2023:

- Surge in cases in GA
- Total of ~90 since fall 2023, surge has fallen off in recent months
- Most are metro Atlanta

Age:

- Range: 24-49
- Median: 34

Race:

- Black 83%
- White 6%
- Unknown 1%

Epidemiology:

- Predominately persons identifying as having MMSC

Testing

- Testing is available at the state public health laboratory and through commercial laboratories
- Persons with a characteristic rash for monkeypox regardless of exposure history **AND/OR**
- Persons with a new rash (even if not characteristic for MPXV) and who within 21 days of illness onset:
 - Reports contact with a person with a similar rash or who received a diagnosis monkeypox **OR**
 - Had close contact with individuals in a social network experiencing monkeypox activity (men who have sex with men (MSM) who meet partners online, or at a social event like a bar or party) **OR**
 - Traveled abroad to a country with confirmed cases of monkeypox

Response Efforts

NOTIFIABLE DISEASE CONDITION REPORTING

All Georgia physicians, laboratories, and other health care providers are required by law to report patients with the following conditions.

REPORT IMMEDIATELY		REPORT WITHIN 7 DAYS	
To Report Immediately Call: District Health Office or 1-866-PUB-HLTH (1-866-782-4584)			
any cluster of illnesses animal bites ▶ anthrax all acute arboviral infections* ▶ botulism ▶ brucellosis	novel influenza A virus infections novel respiratory viruses (COVID-19, SARS, MERS, etc.) <small>POSITIVE + NEGATIVE LAB RESULTS, ALL TEST TYPES</small> ▶ orthopoxviruses (smallpox, monkeypox) pertussis	AIDS* acute flaccid myelitis anaplasmosis aseptic meningitis babesiosis blood lead level (all) campylobacteriosis Carbapenem-resistant Enterobacteriaceae (CRE): Enterobacter species, Escherichia coli, and Klebsiella species chancroid Chlamydia trachomatis (genital infection)	– anti-HCV(+) or HCV RNA detected children ages <3 years hepatitis D (Delta virus present with HBsAg); acute and chronic hepatitis E (acute) influenza-associated death (all ages) legionellosis leptospirosis listeriosis*** leprosy or Hansen's disease (Mycobacterium leprae) Lyme disease

