

The Current State of Respiratory Viruses

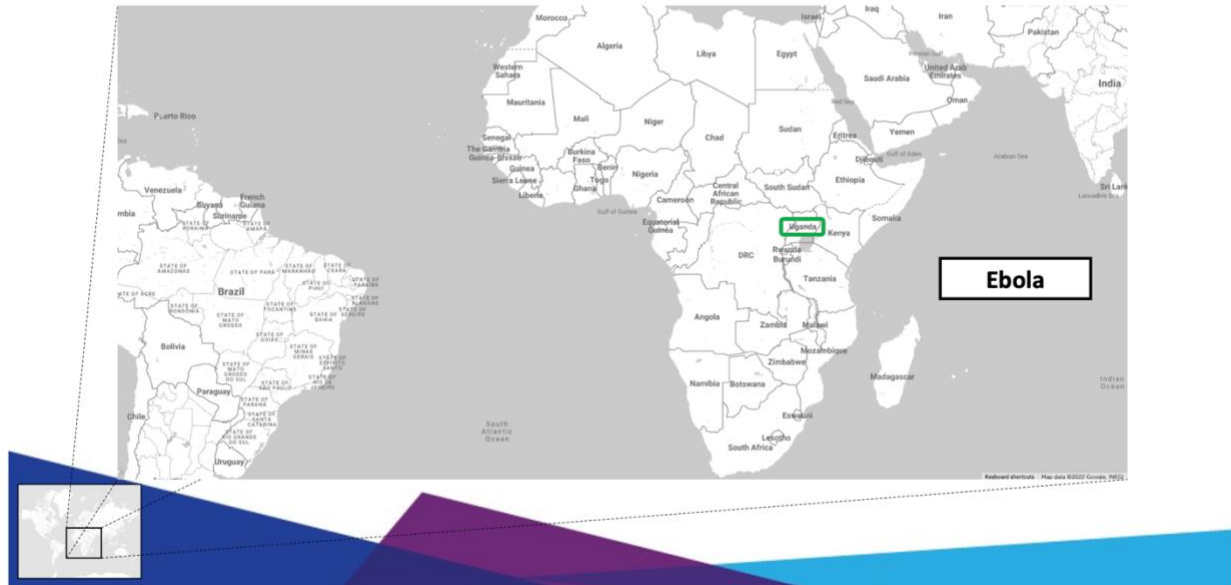
Session Resources:

- Post session resources (podcast of webinar, presentation slides, responses to unanswered questions) can be found on our website:
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/access-past-echo-recordings.html>
- Region 4 Situation Report
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/region-4-situation-reports1.html>
- Register for upcoming sessions on our website:
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/echo-upcoming-session.html>
- HHS Region IV Emory University SCDP:
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/index.html>
- Region IV Concept of Operations (CONOPS) - Regional Partners and Contacts
 - <https://netec.org/about-netec/partners-regional-contacts/#regional-contacts>
- Emory Serious Communicable Diseases Unit
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/ebola-resources/index.html>
- NETEC:
 - <https://netec.org/>
- CDC Prevention Strategies for Seasonal Influenza in Healthcare Settings Guidelines and Recommendations:
 - <https://www.cdc.gov/flu/professionals/infectioncontrol/healthcaresettings.htm>
- CDC Interim Guidance for Influenza Outbreak Management in Long-Term Care and Post-Acute Care Facilities
 - <https://www.cdc.gov/flu/professionals/infectioncontrol/ltc-facility-guidance.htm>
- CDC MMWR Recommendations and Reports
 - <https://www.cdc.gov/mmwr/volumes/71/rr/pdfs/rr7101a1-H.pdf>
- CDC Seasonal Influenza Vaccination Resources for Health Professionals
 - <https://www.cdc.gov/flu/professionals/vaccination/index.htm>
- CDC RESP-NET Interactive Dashboard
 - <https://www.cdc.gov/surveillance/resp-net/dashboard.html>
- GA DPH Influenza Resources
 - <https://dph.georgia.gov/epidemiology/influenza>
- GA DPH Influenza Activity
 - <https://dph.georgia.gov/flu-activity-georgia>
- GA DPH COVID-19 Status Report
 - <https://dph.georgia.gov/covid-19-status-report>
- GA DPH Novel and Variant Influenza Viruses
 - <https://dph.georgia.gov/novel-and-variant-influenza-viruses>

Situation Report

The Emory University Serious Communicable Diseases Program in conjunction with the SRDRS puts together situation reports on special pathogens of concern for our region, HHS Region IV. These Sit Reps are typically published on our website, social media channels, Emory Department of Medicine YouTube Channel and listservs. Here is the current HHS Region IV Special Pathogens Sit rep.

Situation Report 19 January 2023



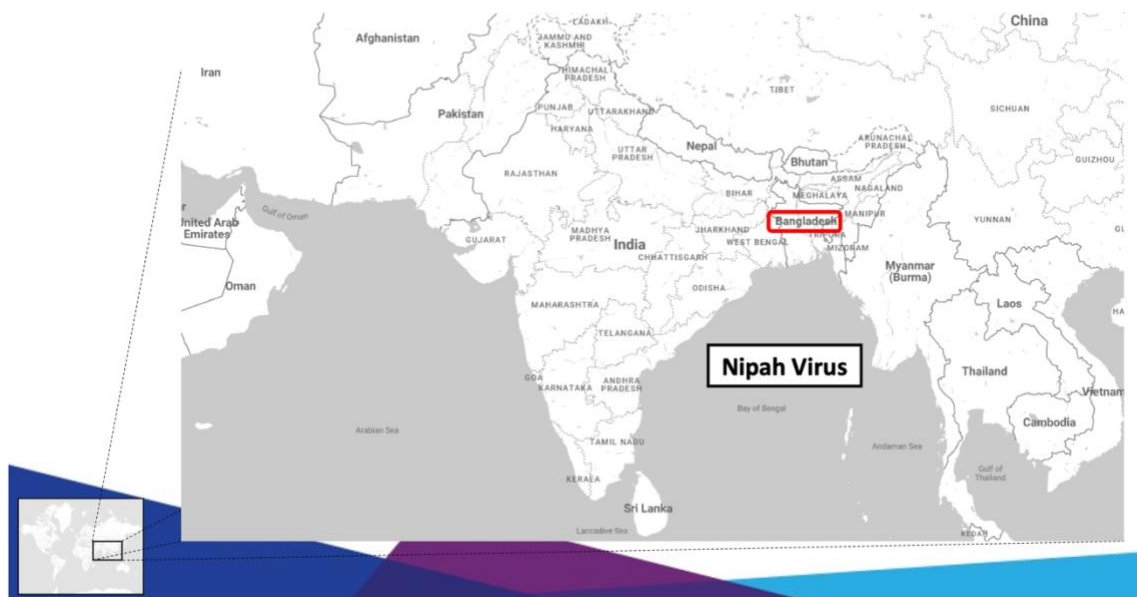
- First, last week on 11 January, Uganda and the WHO declared an end to the most recent Sudan ebolavirus outbreak, this outbreak had been first announced on 20 September 2022 and affected 9 districts in the country, reaching 164 confirmed and 22 probable cases with 56 deaths, putting the case fatality rate among the confirmed cases at close to 39%. The last patient receiving medical care had been discharged from an ETU on 30 November. Funneling of travelers from Uganda into specific ports of entry into the United States has also ended.

Situation Report 19 January 2023




- Next, to Nigeria where, as of 9 January the Nigeria Center for Disease Control and Prevention announced that for 2022 there was a cumulative total of 1,067 confirmed cases and 189 deaths from Lassa Fever with a case fatality rate of 17.7 percent, lower than the previous year (2021). In the last week of 2022 new case counts decreased from 17 to 12. We are still awaiting the latest situation report for the new year.

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- In Bangladesh Nipah virus, one of the henipaviruses spread through fruit bats, unfortunately took the life of a 35-year-old woman on 3 Jan. In 2023 thus far there have been 3 cases reported. In 2022 there was a total of 3 cases and 2 deaths due to the virus in the country. Nipah, against which we have no medical countermeasures, carries one of the highest case fatality rates among special pathogens.



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- Lastly, there have been no reports of patients with special pathogens of concern in the past week in Region IV.
- For additional resources, visit us at scdu.emory.edu.

Additional Discussion:

- Georgia Surveillance
 - Information found on the GA DPH website covers essential trends in the area
- H5N1 (Highly Pathogenic Avian Influenza)
 - Refers to the pathogenicity in birds, NOT humans
 - There is an unknown element when it comes to humans
 - An infected human would potentially be placed in a biocontainment unit
 - A negative pressure room might also be appropriate if great ICU care is offered
- Influenza, Public Risk, and Vaccination
 - Although influenza activity has declined nationally, influenza A and B viruses are expected to continue to circulate in the U.S. for a number of weeks. Therefore, unvaccinated people can still benefit from getting influenza vaccination now.