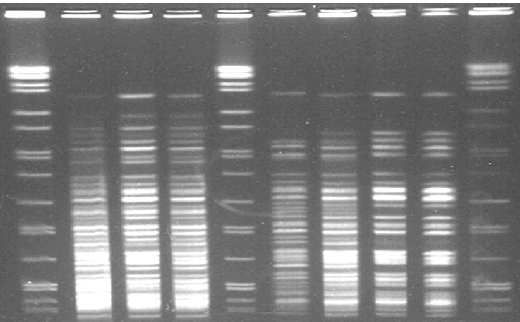




# Disease Surveillance Tabletop Exercise

Understanding new and emerging  
challenges to effective  
disease surveillance activities



*Exceptional  
service  
in the  
national  
interest*

# Objectives



- Understand the tabletop exercise format and purpose
- Feel comfortable participating in discussion to identify areas for potential future engagement activities
- Communicate and provide feedback during discussions
- Take information home to share with colleagues

# Why do we use tabletop exercises?



Tabletops are tools to simulate an emergency situation

- Informal, safe, stress free environment
  - See how different roles, agencies interact during an emergency
    - Identify functional roles and responsibilities
    - Meet colleagues working in similar areas, facing same challenges
  - Review plans, procedures, and policies
- 
- Many types of tabletop exercises exist
    - Plan and test emergency preparedness systems
    - Small group discussions to system strengths and weaknesses

# Why ask so many questions?



- Have answers ready in case of a real-life incident
- Understand the process from start to finish
  - Identify opportunities for collaboration
  - Prioritize areas needing improvement
- Develop a more comprehensive accurate model
  - Identify efficient use of resources
  - Identify strengths and gaps in the system

# Who participates in this tabletop?



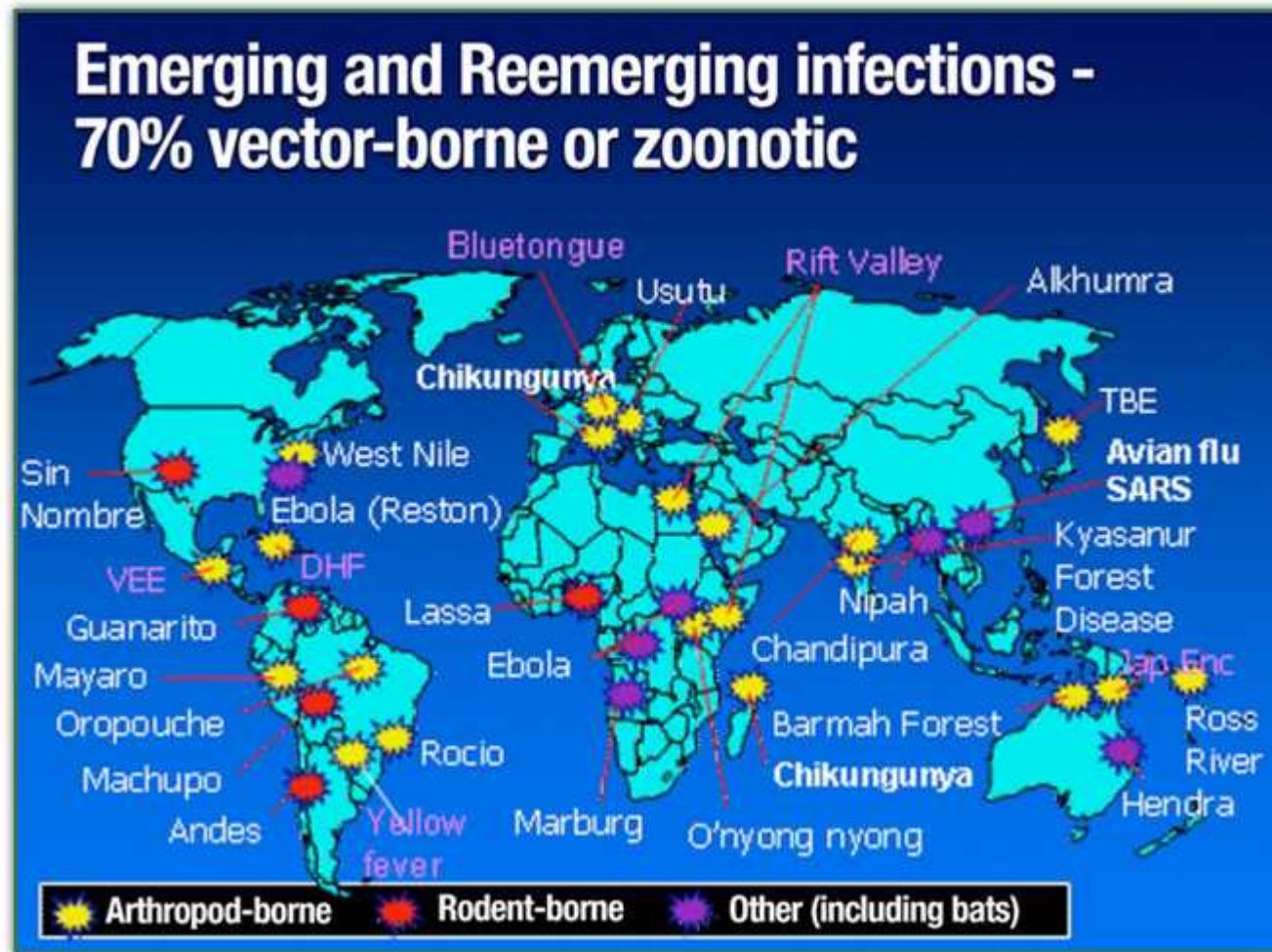
Group	Where are they from	Role
Facilitators	US- Sandia National Laboratories	Guide discussion
Note takers		Capture information shared Help prepare takeaway messages
Epidemiologists	Yemen	Provide background on outbreak investigation & surveillance
Laboratorians		Share expertise in lab roles in disease surveillance



# What focus on a zoonotic agent?



# Animal and human interaction: A risk in disease emergence





- One Health movement
  - Interdisciplinary collaborations to address the interconnected health issues facing people, animals and the environment
- Zoonotic disease
  - Contagious diseases spread between animals and people
  - 61% of human pathogens are zoonotic
  - 75% of emerging, reemerging infections are vector-borne or zoonotic
- Early warning of impending outbreaks
  - Animals are sentinels, showing signs before people
    - May show signs of exposure to toxic or infectious hazards in environment before humans



# Zoonotic disease surveillance matters



- Early detection of health hazards
  - Biological agents or toxins in the environment
- Interdisciplinary communication, collaboration can improve disease detection and response
- Prevention of infectious diseases transmission
  - Animal contact can pose a risk of zoonotic infectious disease
  - Disease control in animals can help limit human exposure

# What makes a tabletop successful?



- YOU!
- Let us develop a set of guidelines or rules to operate by during these discussions:

# Reasons to actively participate



- Unique opportunity to identify priority areas for cooperative engagement before an emergency occurs
  - World is more interconnected today
  - Diseases do not stop at borders
    - Prevention often requires cooperative approach in global community
- Identify training needs to improve surveillance systems
  - Address needs for timely disease detection in animals, people
  - Leverage knowledge from colleagues within country and region
  - Useful to prepare donor requests
  - Budget justifications

# Discussion overview



- Scenario presentation
  - Discuss the information
  - Compare scenario to what actually happens
  - Compare what happens to what you would like to see happen
  - Identify additional information needs
- Share role in addressing the issues in the scenario
  - What information do you share
  - When do you share information
  - With whom is information shared
  - Where do the specimens go
  - How are results reported
  - To whom do you reach out for assistance

# Roles and responsibilities



Name	Role	Responsibility



# How this information will be used



- Not identified on an individual basis
- Develop model based on participant responses
  - Answers to the questions important to design accurate model
- Participate evaluation and input on process model
- Prioritize engagement focus
  - Use as a tool to inform decision making
    - Identify systems working well and why they are successful
    - Can successes be replicated in other, lower-performing areas

# Break

