




We're All in This Together: Using a One Health Approach to Mitigate Highly Pathogenic Avian Influenza in the US

**Moderator: Pete Shult, PhD
Wisconsin State Laboratory of Hygiene**



Autumn 2014

WEST AFRICA Ebola Outbreak



Likely host = bats

2 in 5 people who got Ebola in this outbreak died.

Largest Ebola outbreak in history



REALLY?

Spring 2015



HPAI 2014/15 Confirmed Detections

- Animal Health
- Contact Us
- Program Overview
- Animal Disease Information
 - Biosecurity for Birds
- Emergency Management
- Export from the U.S.
- Import into the U.S.
- Laboratory Information Services
- Monitoring and Surveillance
- One Health
- OIE International Standards
- Traceability
- Training and Development
- Veterinary Accreditation
- Veterinary Biologics

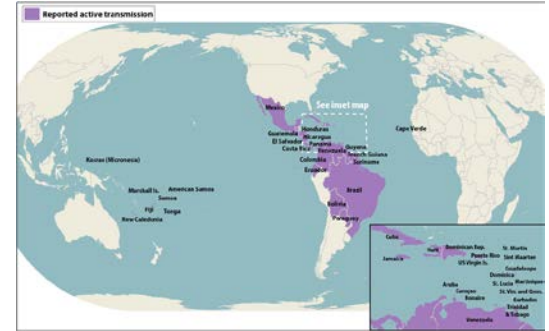


211 Commercial Flocks	21 Backyard Flocks
49,700,000 Birds Affected	6/17/15 Last Detection Reported

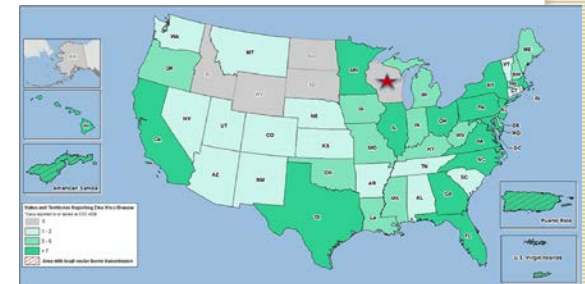
[View List of HPAI Infected Premises 2014-2015](#)

Spring 2016

Countries and Territories with Active Zika Virus Transmission



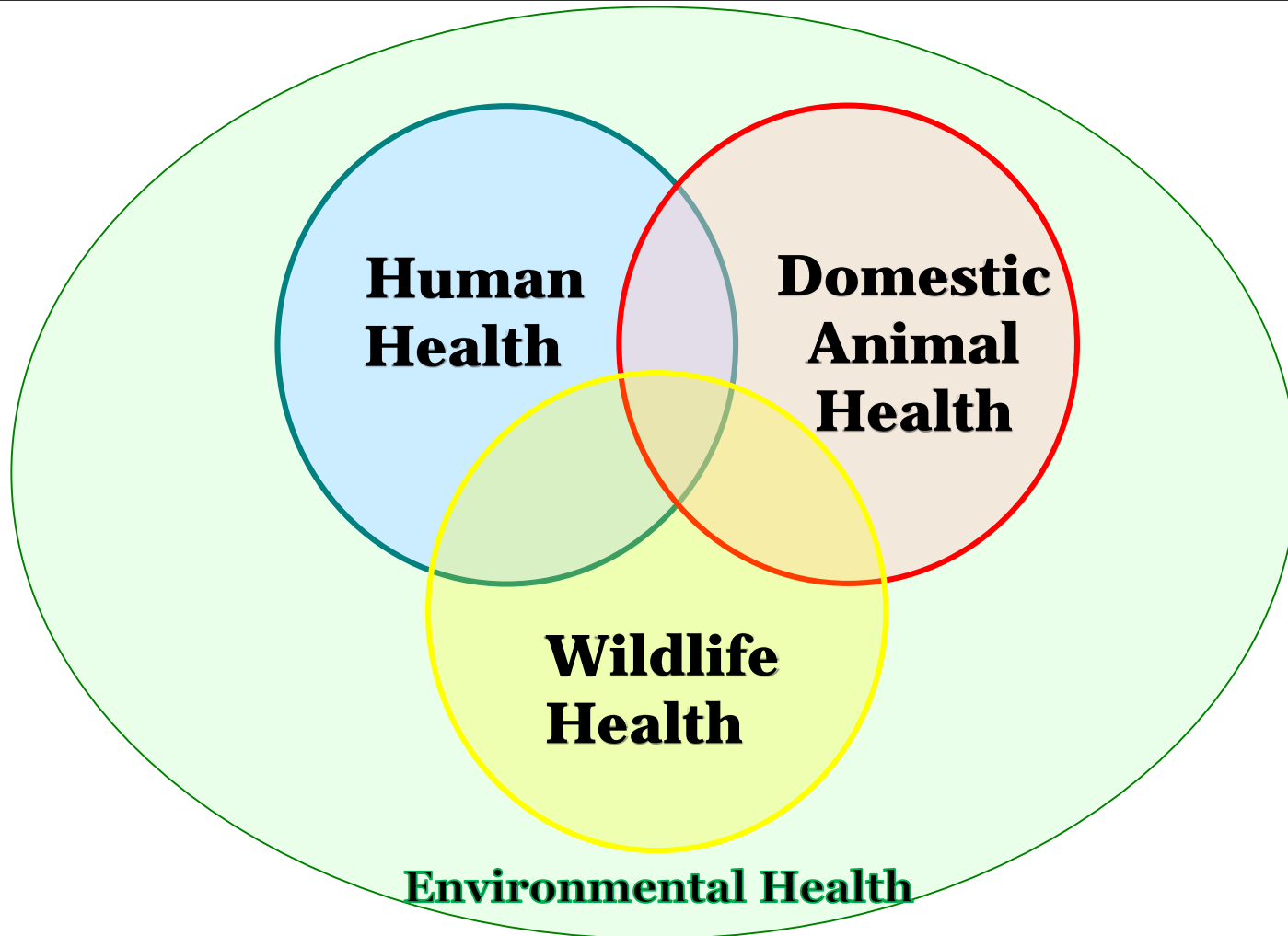
Zika Infections in US States and Territories As of May 11, 2016



Late Breaker: WI logs its first case 5/18/2016



One Health



“Between animal and human medicine there are no dividing lines—nor should there be. The object is different but the experience obtained constitutes the basis of all medicine.” * Rudolf Virchow, MD 1821-1902*



***We're All in This Together:
Using a One Health Approach to Mitigate
Highly Pathogenic Avian Influenza in the US***





*We're All in This Together:
Using a One Health Approach to Mitigate
Highly Pathogenic Avian Influenza in the US*

Final Thoughts: Lessons Learned

- Never lose sight of influenza
- Don't forget to occasionally peek at those pandemic influenza plans
- Continue to engage your “One Health” partners
- **Expect the unexpected!**