

The PHL role in HPAI- Challenges and Opportunities

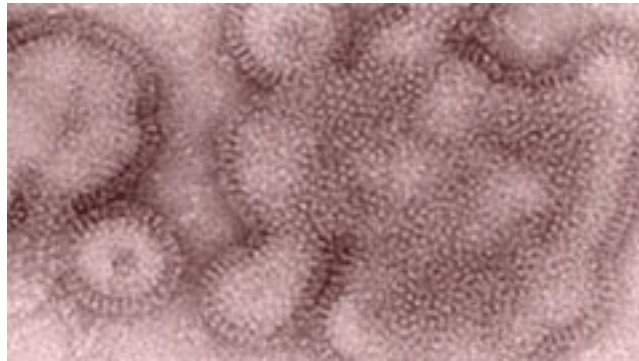
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Public Health Laboratory

Public Health Laboratory Role in Response

- Laboratory testing for people
- Laboratory Partnerships



Testing at PHL

- **CDC Human Influenza Virus Real-time PCR Dx**
 - InfA probe will detect HPAI
- **CHALLENGE: Eye swabs are NOT an approved source**
 - Sent to CDC for testing

Laboratory Results

People tested	Source	H5N2 positives	Other Positives
20	3 Eye conjunctiva 18 Nasal/NP	0	3 Flu B-Yamagata

- 15 Poultry Workers
- 5 USDA contractors at incident command-Flu B outbreak

Partnerships-Clinical Labs

Challenge:

Communicate low risk to laboratories

Opportunity:

Continue to engage clinical partners and encourage influenza submission



Partnerships-Veterinary Diagnostic Lab

- **Challenge:** Due to USDA regulations, MDH-PHL could not help with testing
- **Opportunity:**
 - Lesson sharing
 - Relationship building

Virologic Surveillance

- **Important system to find novel/rare events**
 - variant flu
 - non-flu respiratory events

Since 2005	H3N2v	H1N1v	H1N2v
Minnesota	9	4	5

THANK YOU

- **MDH-PHL Flu Team**
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 - Dave Boxrud
 - Jason Wotton
 - Jaime Christensen
 - Jennifer Palm
 - Larry Carroll
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- **MDH-IDEPC**

