

# Enabling Policy Environments for a One Health Approach:

## Views from the Public Sector

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Health

# Outbreaks of Influenza A (H3N2) virus among People and Swine Associated with Fairs, 2012



# Outbreak of H3N2v

- Between July 12 and October 11, 2012
  - 306 cases in people from 10 states
  - 16 people hospitalized; 1 death
- Recently, also cases of H1N2v (3), H1N1v (1)
- The main RF for infection is exposure to pigs, (direct contact) mostly in county and state fair settings

# Impact on the fairs

- The number of human infections in 2012 was unprecedented
  - approx 80% had direct swine contact
  - More than 90% are children (<18 yo)
  - A typical case is a child in 4-H
  
- Cancel certain swine shows and activities → fair organizers should bar swine from fairs this year
  - Increase in case counts?
  - Change in the case counts?
  - Change in severity?
  - Change in the virus?

# Investigation and Response

- Collaboration between Federal, State, and local public health and animal health agencies and organizations
- At Federal level, APHIS, CDC and NIFA (4-H) all involved in joint response activities
- Monitoring outbreak and state-based joint investigations
- Jointly developed communication materials
- Prevention/control outreach to 4-H leaders, 4-H'ers, fair organizers, veterinarians, public

# What can be done at fairs?

## Guidance documents

- Anyone at high risk for serious flu complications\* who is planning to attend a fair where pigs will be present should avoid pigs and swine barns at the fair this year.

\* Includes children younger than 5, people with certain chronic conditions like asthma, diabetes, heart disease, weakened immune systems, pregnant women and people 65 years and older

# What enabled One Health Policies?

- Trust – working together since 2008
  - CDC provided funding to USDA to do swine surveillance through IAA
  - USDA & CDC have regular conference calls
- Clear expectations and communications
- Least disruptive strategy that is effective
- Policy = Strict written agreement or
- Policy = Flexible working relationship