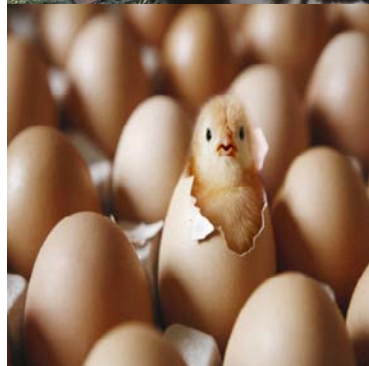




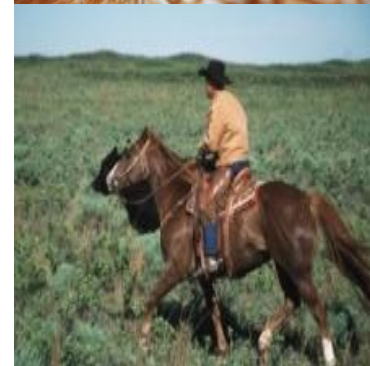
United States Department of Agriculture



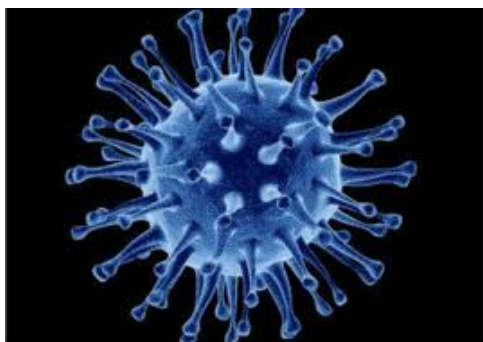
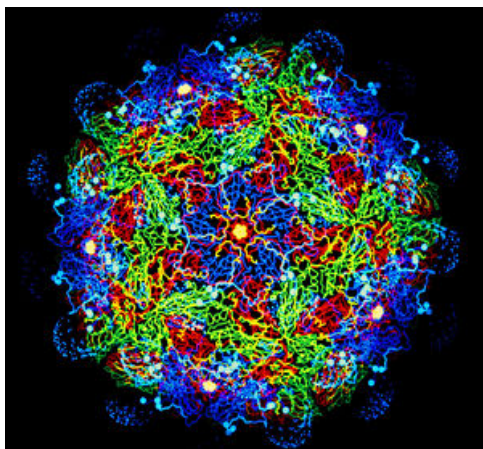
# National Institute for Animal Agriculture Annual Conference

## The Trade Impact of Reporting Foreign Animal Diseases

Rosemary B. Sifford  
U.S. Department of Agriculture  
Animal and Plant Health Inspection Service  
Veterinary Services  
April 5, 2017



# Diseases that May Affect Trade

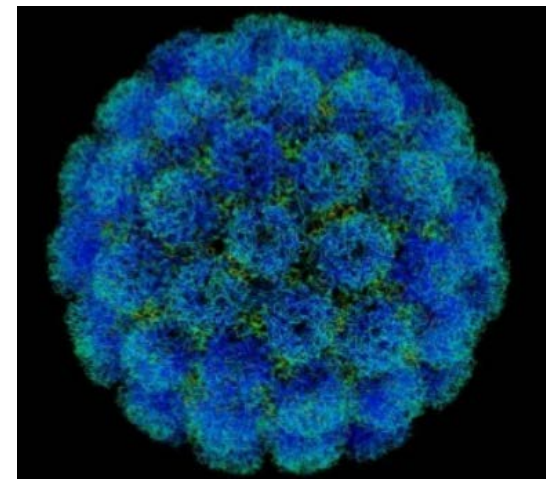
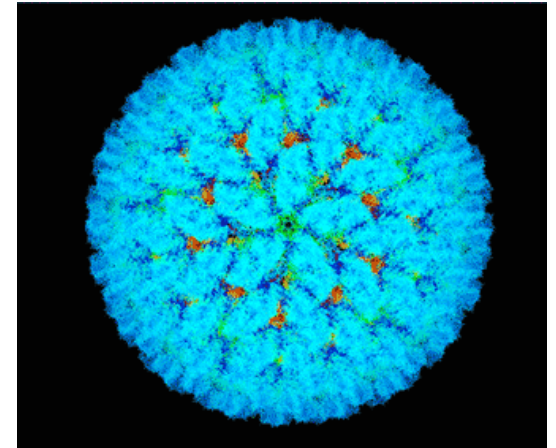


- Foot-and-mouth disease (FMD)
- Bovine spongiform encephalopathy (BSE)
- Classical swine fever (CSF)
- Highly pathogenic avian influenza (HPAI)

# Diseases that May Affect Trade

## Less well-known diseases

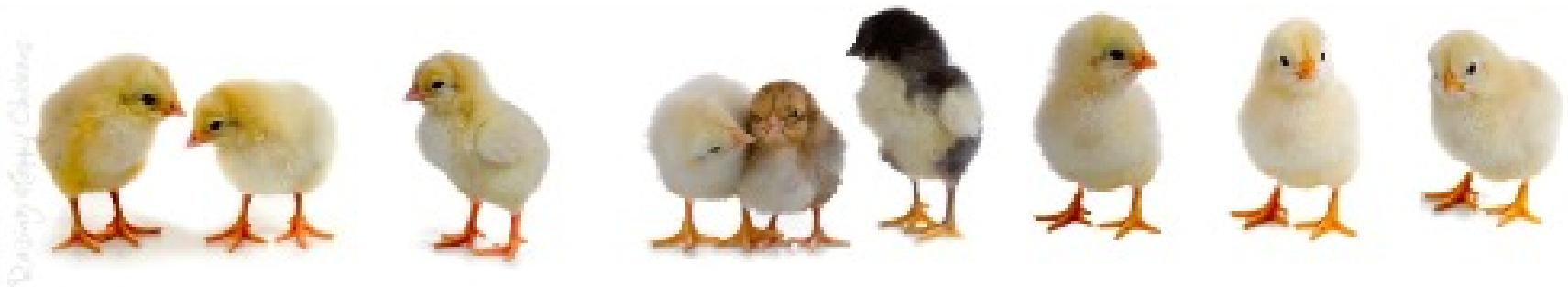
- Bluetongue
- Bovine leucosis
- Low path avian influenza



# Significant Trade Impacts

## Newcastle Disease

- Identified in 2002-2003, California & other states
- Backyard birds and commercial poultry
- Overall industry losses estimated at \$5B



# Significant Trade Impacts

## Bovine Spongiform Encephalopathy

- December 2003
- Immediate restrictions
- 2003: Exported <1M metric tons of beef exports
- 2004: 200,000 metric tons of beef exported



# Significant Trade Impacts

## Highly Pathogenic Avian Influenza

- 2014-15
- Significant production and trade impacts



# Emerging or Novel Diseases

## Porcine epidemic diarrhea (PED)

- Identified in April 2013
- Large production impact
- Minimal trade impact



# Emerging or Novel Diseases

## Influenza virus – H1N1

- 2009, identified in people
- Initially called “swine flu”
- Trade impacts





# Trade Impact Mitigation

- Control and eradicate disease
- Zoning/regionalization
- Agreements
- Import actions



# Disease Response Activities: How do they Affect Trade?

- Methods of depopulation, disposal, C&D
- Movement controls
- Epidemiological information
- Vaccination



# Disease Response Activities: How do they Affect Trade?



# Thanks for your attention

