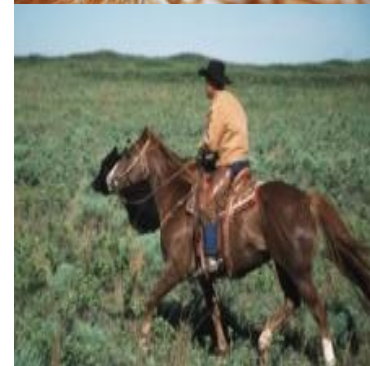


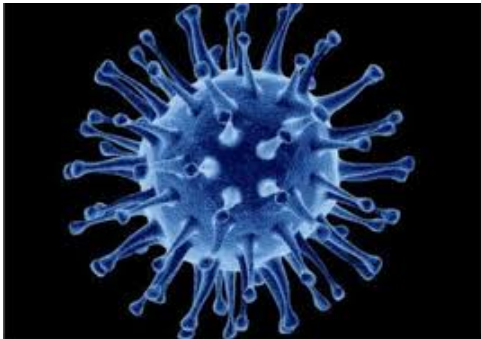
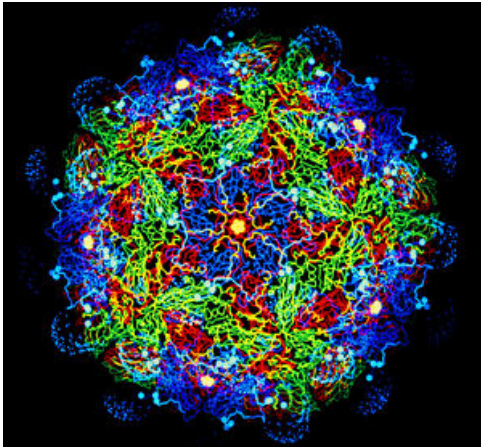
National Institute for Animal Agriculture Annual Conference

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

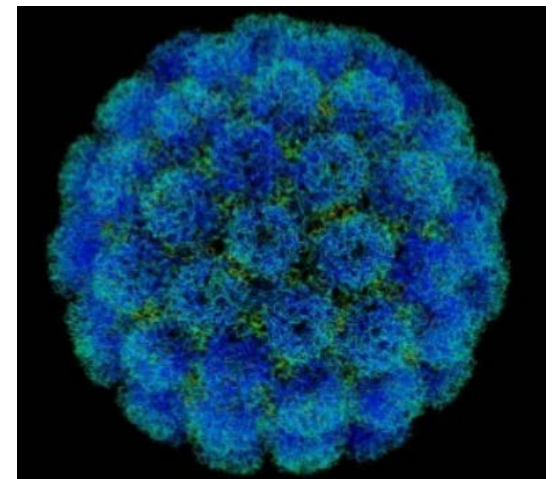
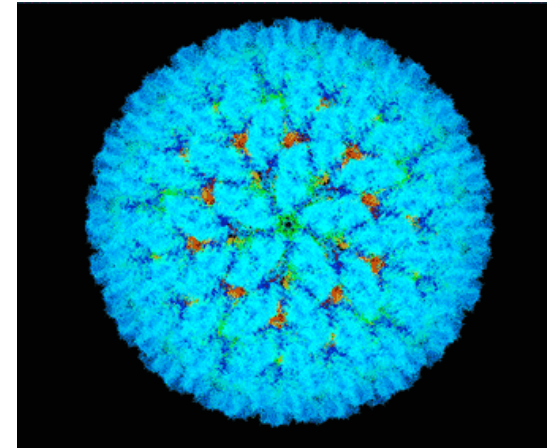


- Foot-and-mouth disease (FMD)
- Bovine spongiform encephalopathy (BSE)
- Classical swine fever (CSF)
- Highly pathogenic avian influenza (HPAI)

Diseases that May Affect Trade

Less well-known diseases

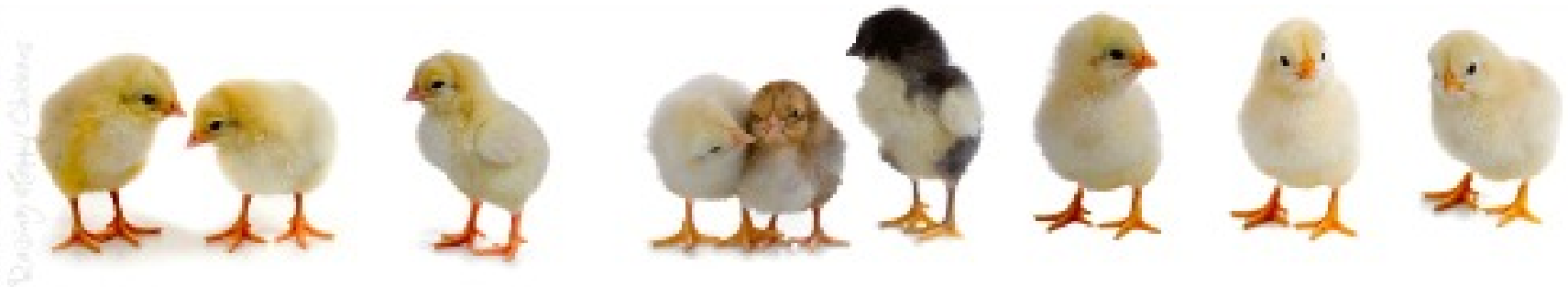
- Bluetongue
- Bovine leucosis
- Low path avian influenza



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

