

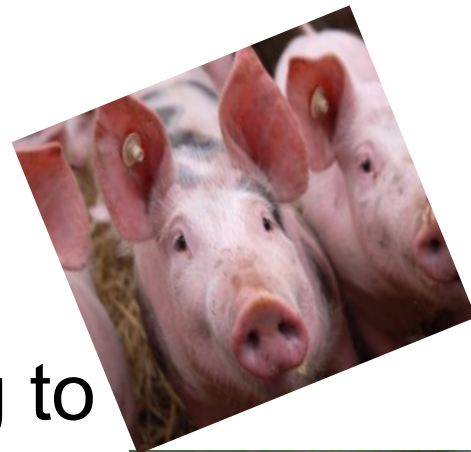
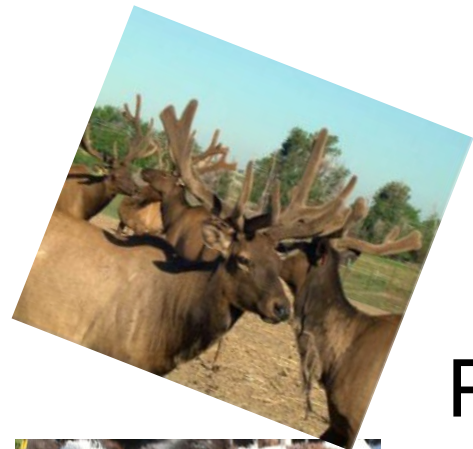


United States Department of Agriculture

# Veterinary Services

## Preventing and Responding to Disease Outbreaks Workshop

Missouri Field Operations  
U.S. Department of Agriculture  
Animal and Plant Health Inspection Service  
Veterinary Services



# Overview of Topics

- Mission
- Protecting against disease incursion
- Prevention, Planning, Preparedness
- Response resources
- Getting Back into Production

# USDA APHIS

## Strategic Plan Mission

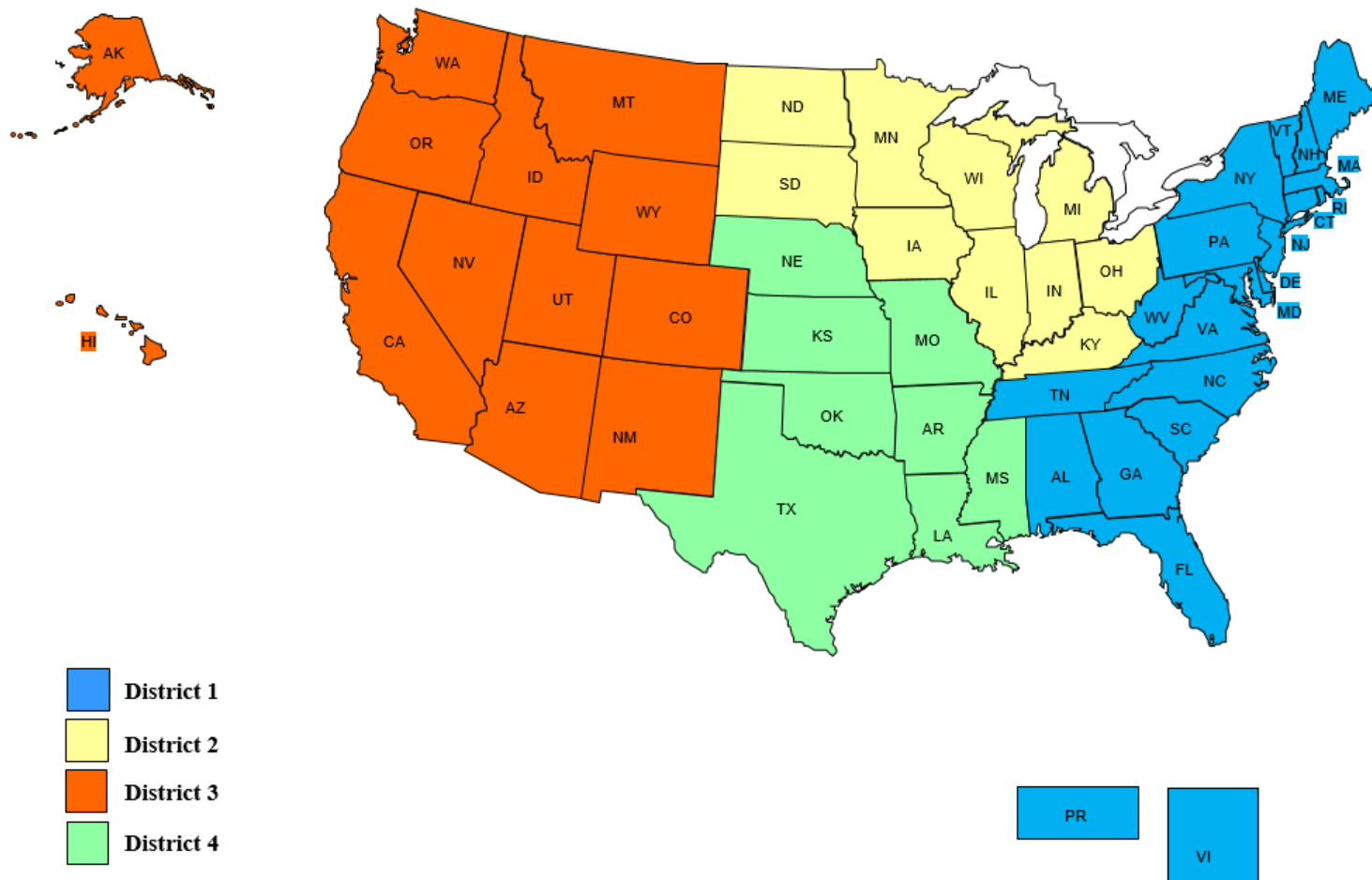
“To safeguard the health, welfare and value of American agriculture and natural resources.”

*APHIS takes the appropriate measures to protect agricultural health by preventing and mitigating the spread of plant and animal pests and diseases, and to enable safe agricultural trade to ensure the prosperity of U.S. producers and the growth of the economy.*

# USDA APHIS Veterinary Services Mission

*“As the Nation's veterinary authority, VS improves the health, productivity, and quality of life for animals and people, and maintains and promotes the safety and availability of animals, animal products, and veterinary biologics.”*

# Field Operations Districts



# Protecting Against Disease Incursion

Control import of live animals, animal products

- Monitor disease events globally
- International disease program inspection
- Restrictions on high risk countries
- Interagency collaboration at borders
- Science based decision making

# Prevention, Planning and Preparedness

## Secure Food Supply Plans

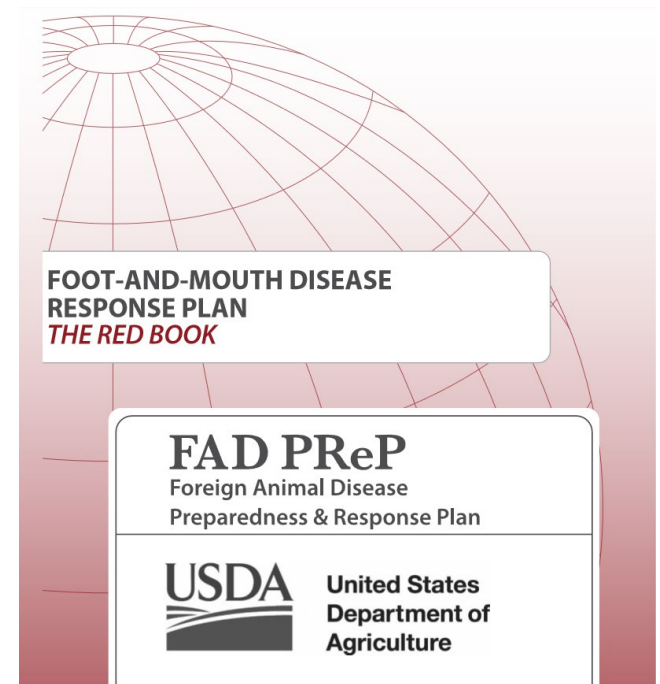
- Beef, Dairy, Pork, Poultry, Egg
- Collaborative effort
- Voluntary tool
- Biosecurity
- Business continuity



# Prevention, Planning and Preparedness

## Strategy, Policy, Coordination

- Emergency Response-NPIC
  - FAD PReP
    - FMD
    - HPAI
    - vND
    - NWS
    - ASF
  - Training and Exercise





# Response Resources

- Scientific Expertise
  - NVSL FADDL System
  - USDA ARS scientists
- Incident Management Teams
- National Veterinary Stockpile
  - Logistics
  - Equipment & Supplies
  - Response Support-Contractors
  - Vaccine



# On Farm Response

## Indemnity

- ✓ Based on available funding
- ✓ Live animals at time of diagnosis FAD
- ✓ Fair market value
- ✓ Factors – Biosecurity, recordkeeping
- ✓ Size of outbreak may determine availability

# On Farm Response

## Indemnity (cont.)

- Financial Reimbursement Specialist
  - Species specific calculators
    - age, sex, production status
  - Established maximums
  - Consent, Indemnity forms, payment method

# On Farm Response

## Compensation

- Carcass Disposal
  - Essential to control disease spread
- Difficult, Expensive
- Burial, composting, landfill, incineration
- Reimbursement to producer
- Contracted - NVS

# On Farm Response

## Compensation (cont.)

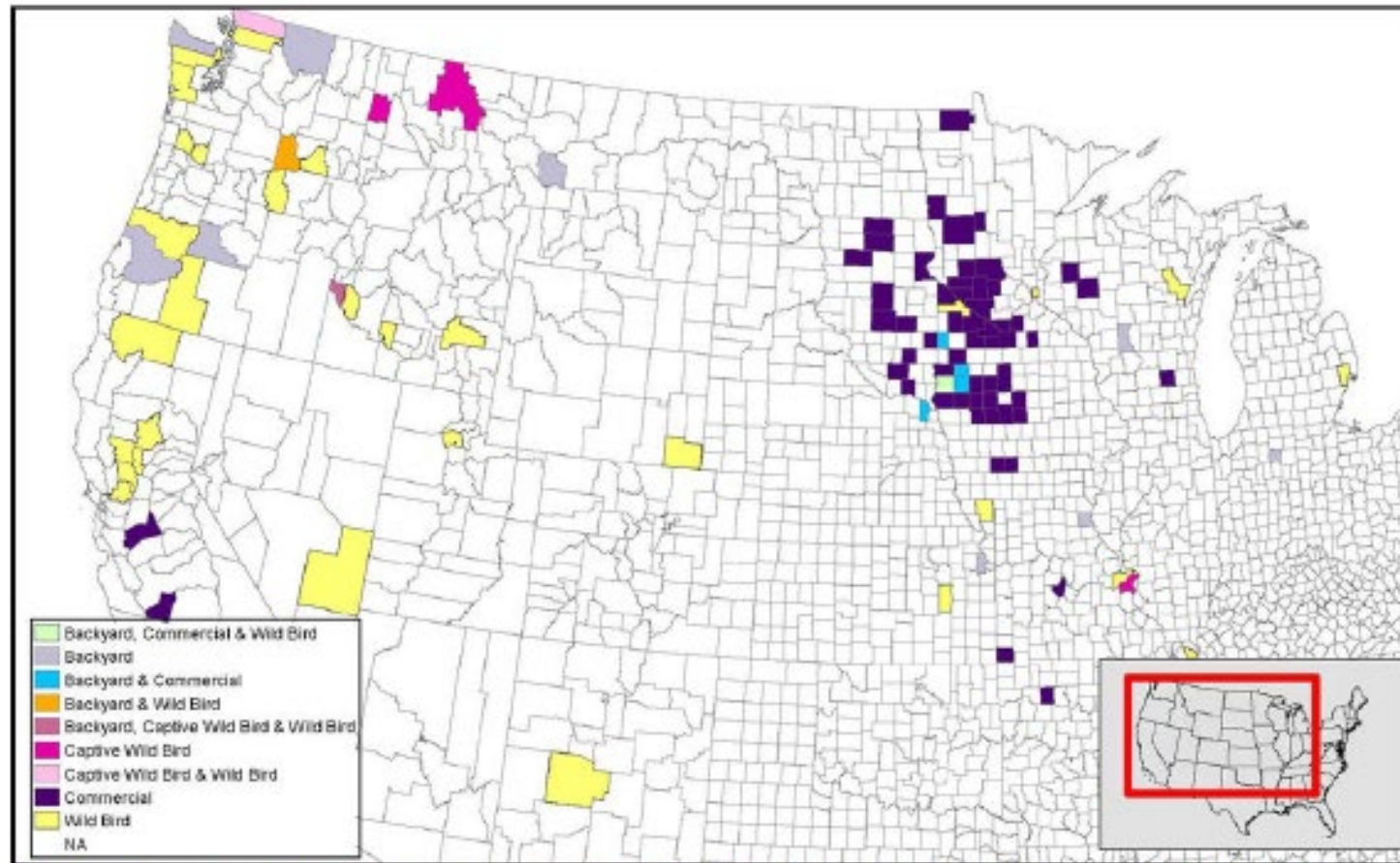
- Policies and procedures est. by APHIS VS
- Virus Elimination (VE) costs
  - Infectious material in barns, equipment, feed
- Availability not certain
- Producer payments
- Contractor - NVS

# Getting Back to Production



# Getting Back to Production

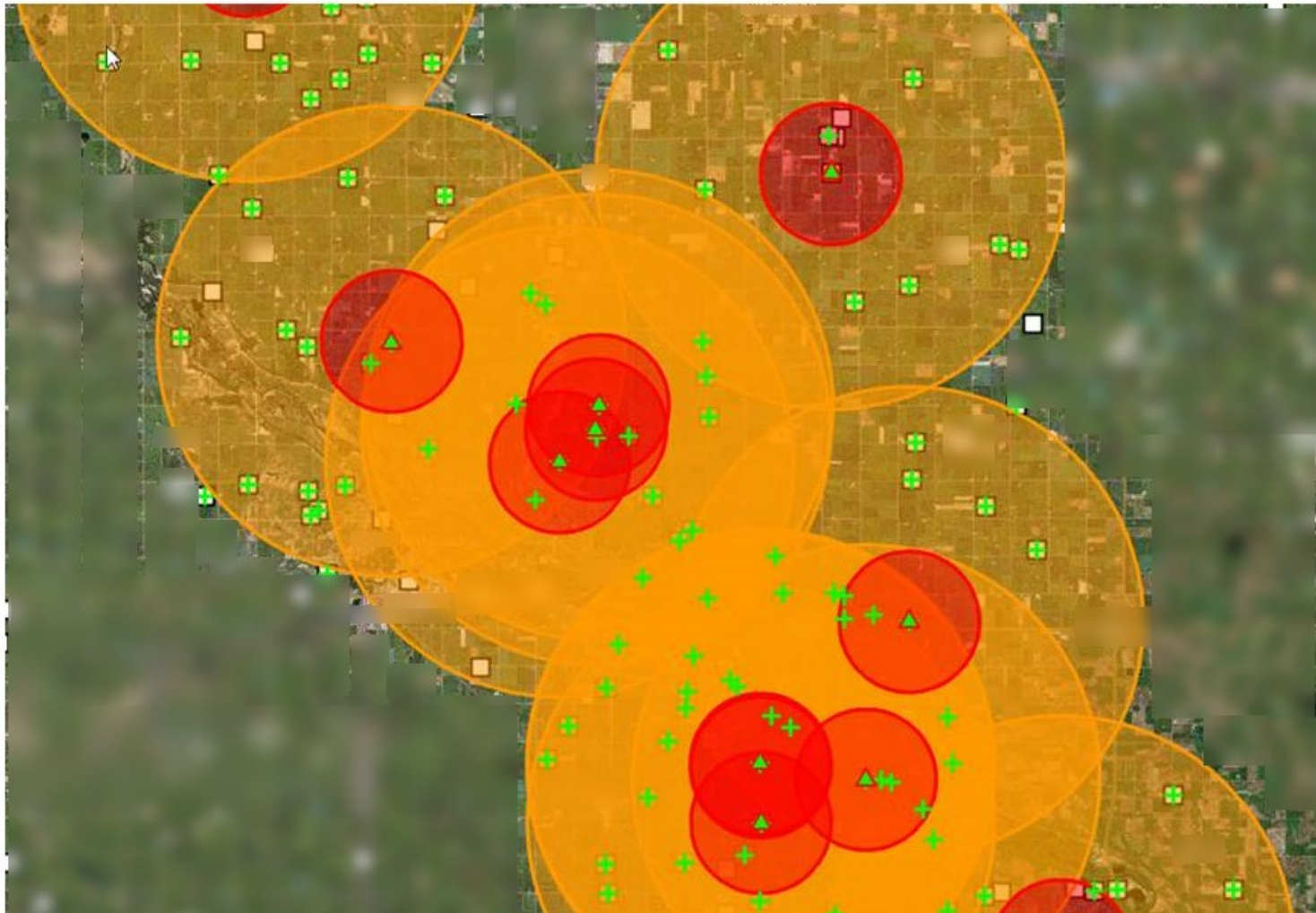
*Figure 4. Map Illustrating HPAI Detections in the United States*



Note: Map produced during the incident by USDA APHIS VS Center for Epidemiology and Animal Health.



# Getting Back to Production





# Getting Back to Production

## Control Area Release requirements

- All infected premises must:
  - ✓ Neg. environmental sampling
  - ✓ Complete fallow period after VE
  - ✓ Premise Herd/Flock Plans complete
  - ✓ Complete restocking eligibility review
- Surveillance in 10K area completed

# Getting Back to Production

- After all affected premises have completed restocking eligibility review, then –
- Control Area and individual quarantines are released, and
- Producers can restock under conditions outlined in Herd/Flock plan

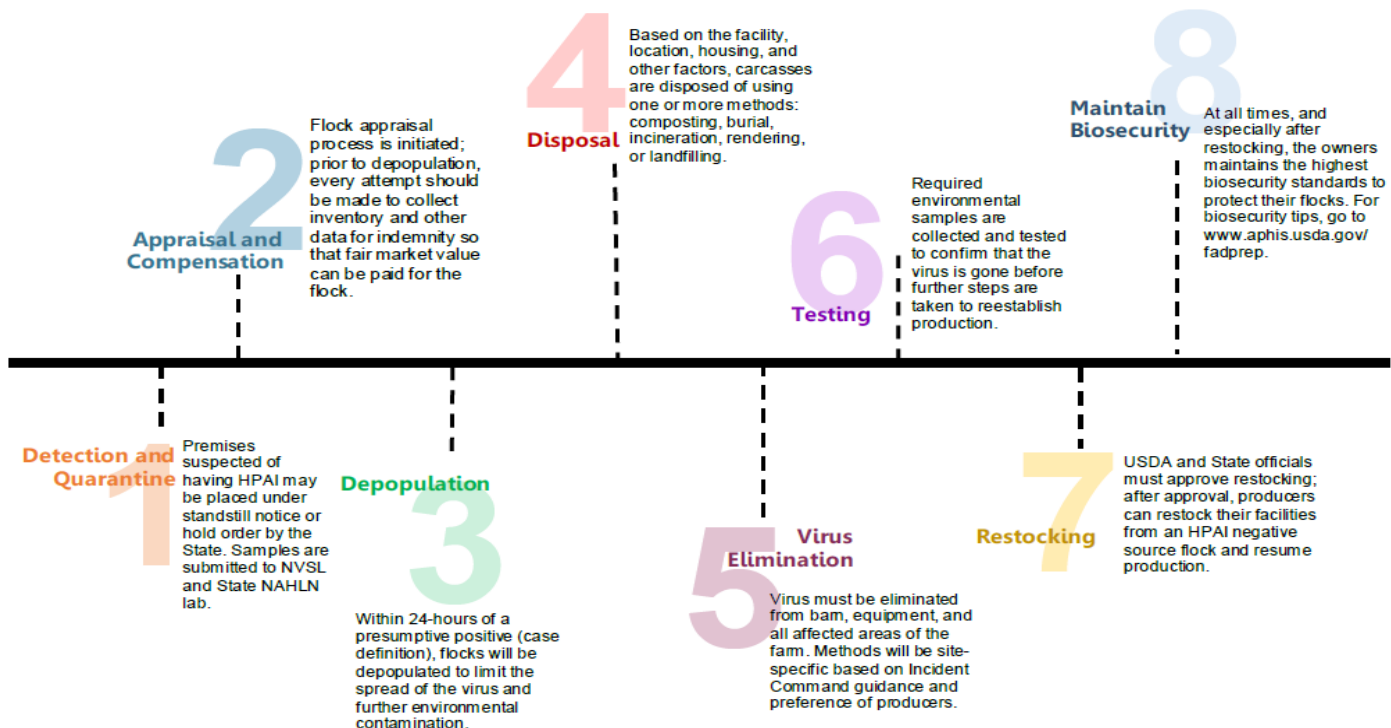
# From Detection to Restocking



United States  
Department of  
Agriculture

## Highly Pathogenic Avian Influenza

### USDA Response Process



Note: NAHLN = National Animal Health Laboratory Network;  
NVSL = National Veterinary Services Laboratories.

# Key Take Home Points

1. An ounce of prevention...
2. Producers should protect their interests
3. Biosecurity is an effective tool
4. Animal ID and Traceability
5. Loss of foreign markets will take years to regain



<https://public.govdelivery.com/accounts/USDAAPHIS/subscriber/new>

# Questions?

