



THE OHIO STATE UNIVERSITY

COLLEGE OF VETERINARY MEDICINE

Networking and Database

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Assistant Professor

Poultry Extension Veterinarian

The Ohio State University

Ohio Poultry Industry

- Ohio is a large poultry state
- Second “First for now” Layers
- Ninth in Turkey
- Integrated broiler



Poultry Disease Control

- No state wide effort
- No comprehensive Map
- little cross collaboration
- Little control preparedness



Poultry Disease Network

- Committee
 - Poultry health professionals
 - Diagnostic Laboratory
 - Extension and Scientists
- Map the poultry industry
- Disease monitoring and database
- Disease Control



Outcome

- Poultry Production Map
- Temporal and geographical disease information
- Reporting system
- Disease control platform
- Scale to regional and national





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Extension and Outreach

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Recent Social Trends

- Organic and ABF
- Natural
- Local
- Revival of Non-commercial poultry



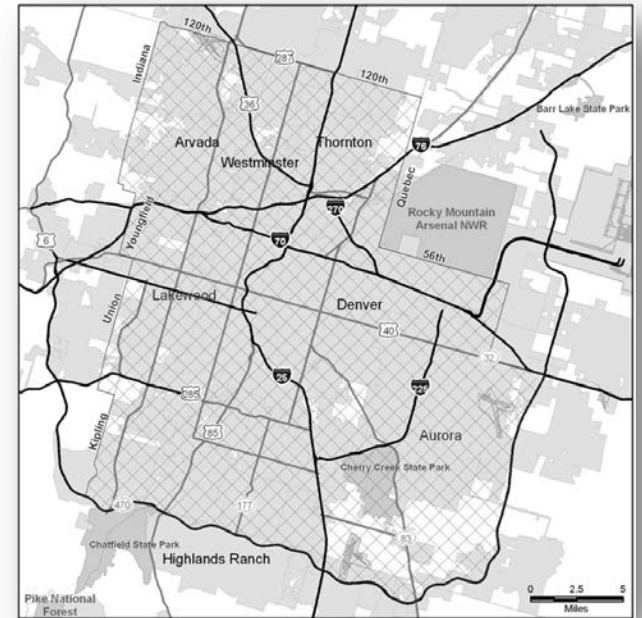
Non-Commercial Poultry

- Urban, suburban and rural
- Backyard, 4-H, fancy birds, small commercial
- Diverse Species
- Dispersed
- No consensus
- Free movement
- Difficult to reach



Urban Chicken Ownership in Four U.S. Cities

- Denver
- Los Angeles
- Miami
- New York
 - Around 1% of all households
 - Quadruple (4%) within 5 years
 - Not enough veterinary services



Disease Outbreak

- ILT
- Mycoplasma
- Coryza
- Pasteurella
- END
- EA/AM H5 HPAI



Extension Education for Practicing Veterinarians

- Mixed and small Animal
- Larger in number
- Well Positioned

...But

- No expertise



Poultry Disease Basics Workshop

- Infectious diseases
- Basic poultry vaccination
- Necropsy and sampling
- Individual Medicine!!
- 3 times annually
- 3 geographically convenient



Outcomes

- Provide service
- Frontline network
- Access to population
- Insight into population
- Insight into disease status



Putting the Two Together

- Non-Commercial data
- On the map
- Unified poultry disease map

