

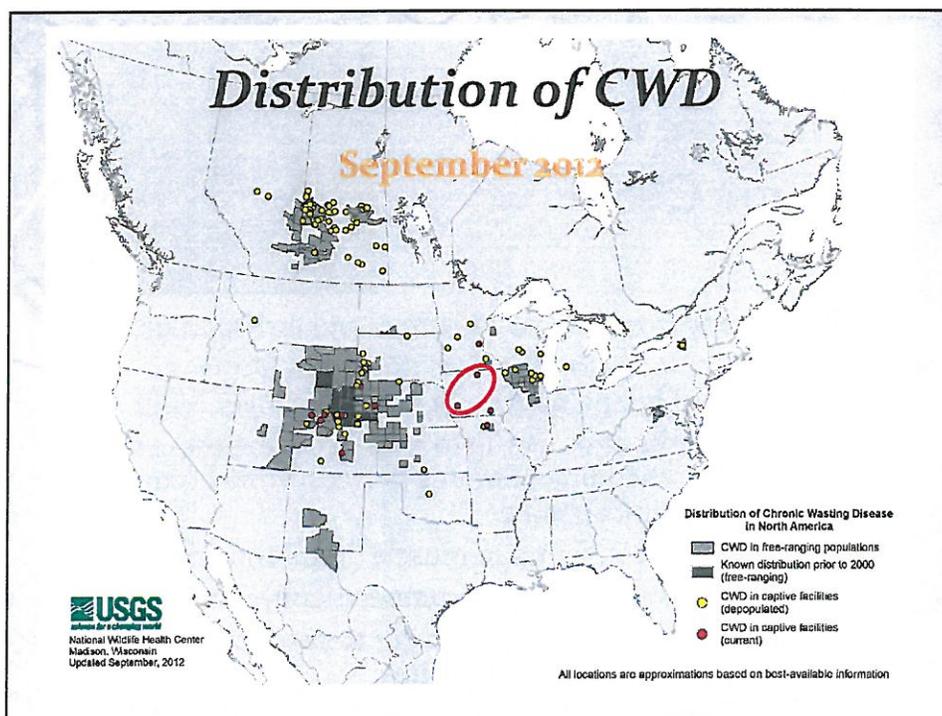
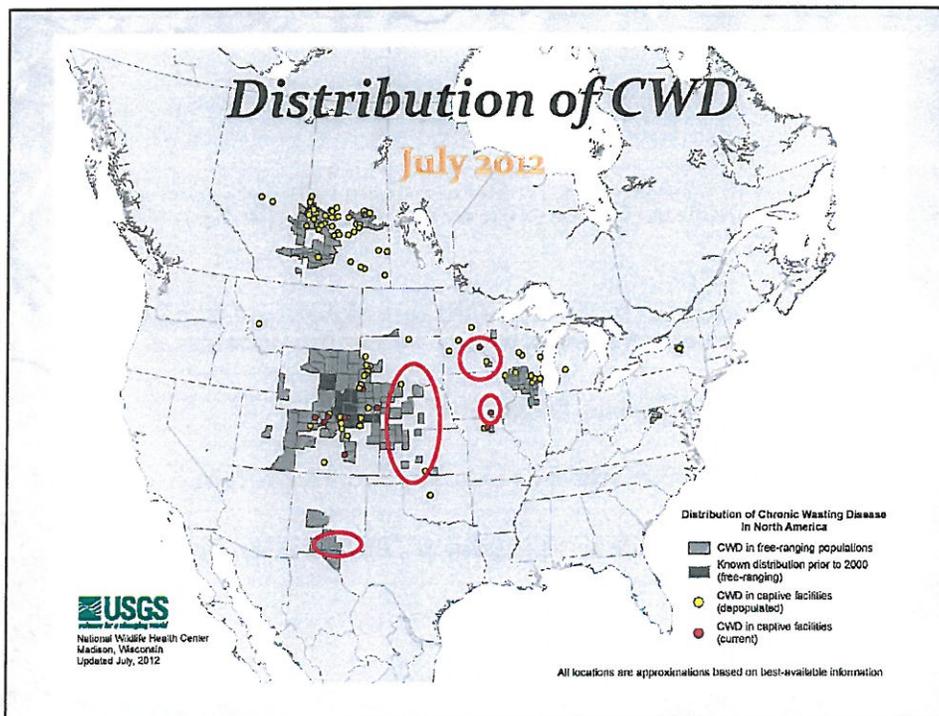
What is CWD?

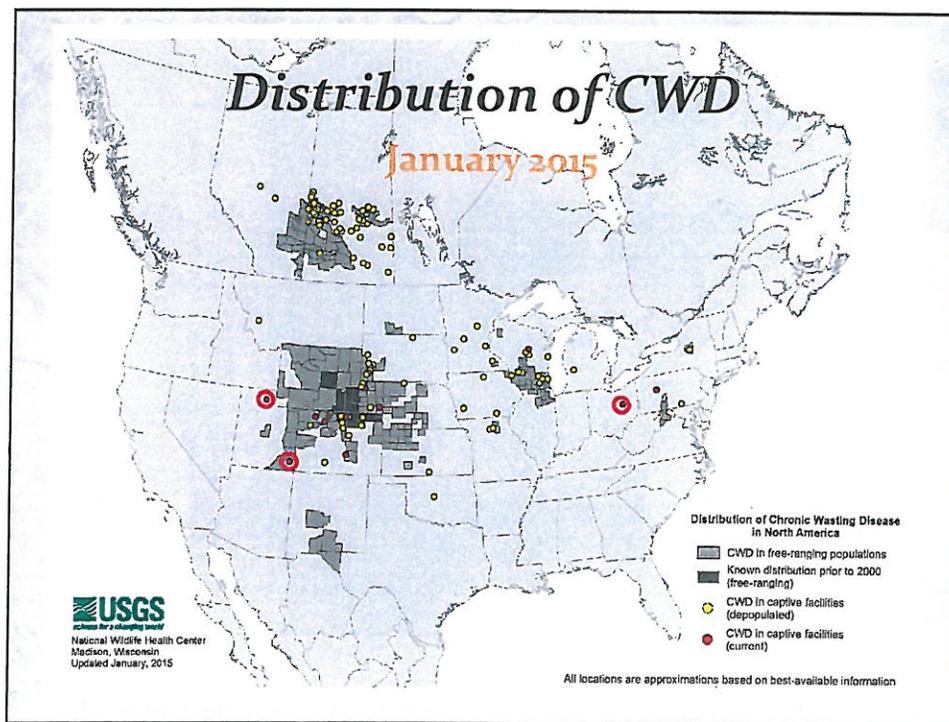
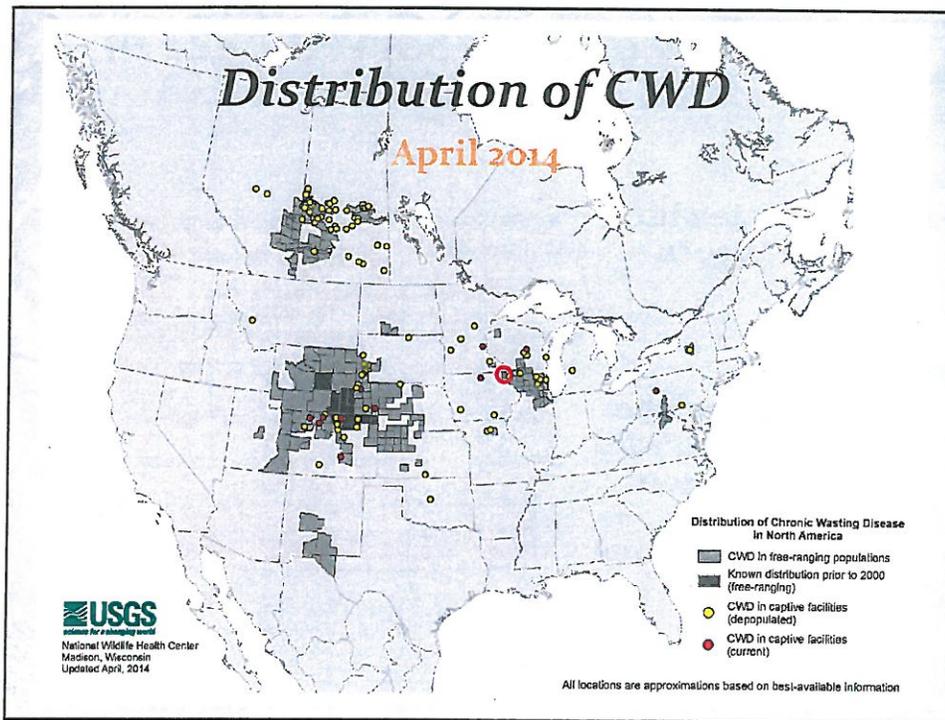
- A slowly progressive brain disease of cervids (i.e., deer like species which includes; white-tailed deer, mule deer, elk, moose)
- CWD belongs to the family of diseases known as transmissible spongiform encephalopathy (TSE) or prion diseases
- Not caused by a virus, fungus, or bacteria
- Disease is transmitted by a misshapen host protein
- Other TSEs include scrapie (sheep), BSE (cattle), Creutzfeldt-Jakob (humans)

What we know about CWD



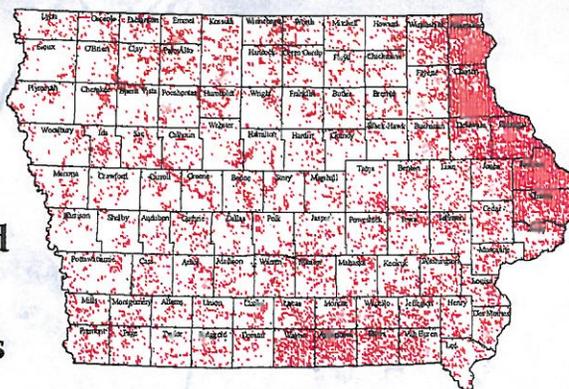
- Spread directly from animal-to-animal and environmentally
- Early detection looks for prion accumulation in the retropharyngeal lymph nodes and obex portion of brain
- Average 16 months or more (up to 3 yrs) from exposure to clinical disease; shedding of prions in feces/urine occurs during the pre-clinical phase
- Prions have also been found in muscle tissue and antler velvet
- Prions remain infectious in environment (soil) for years
- Only known in cervids; no evidence of transmission to other wild mammals or humans at this time



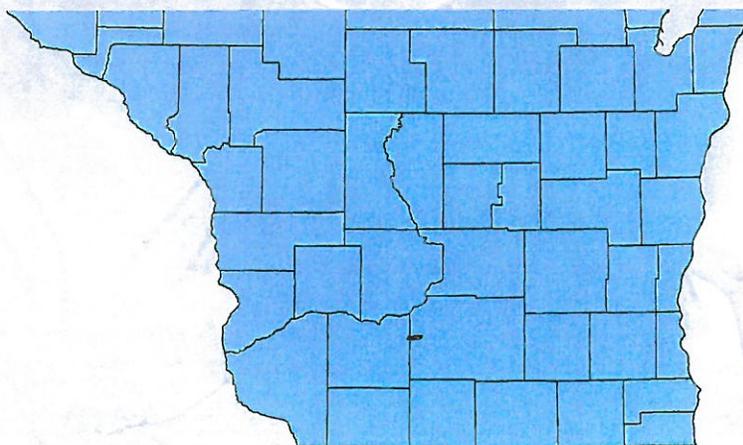


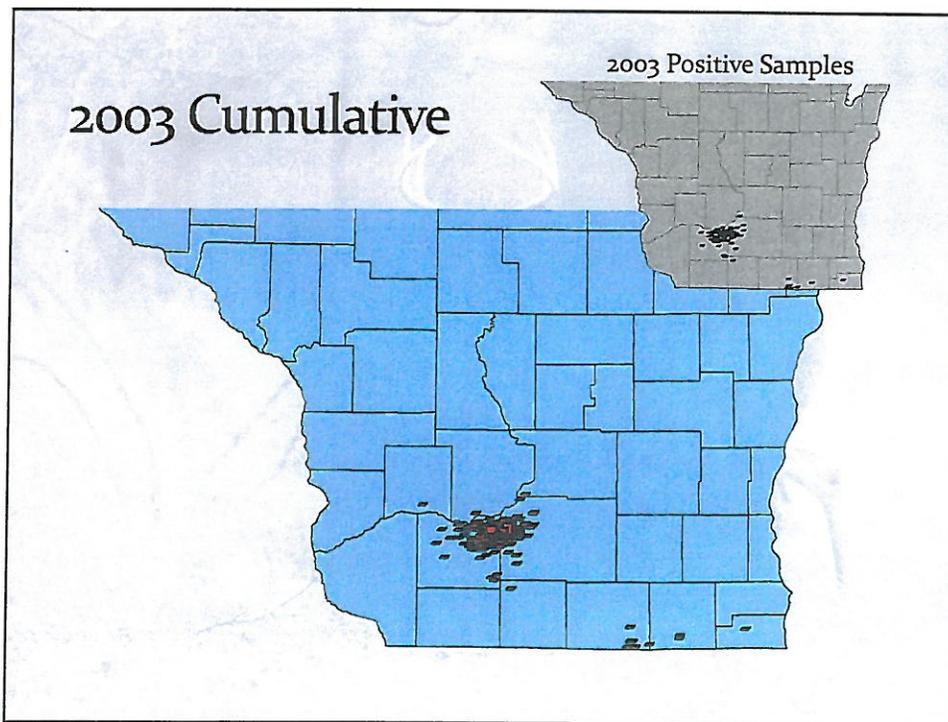
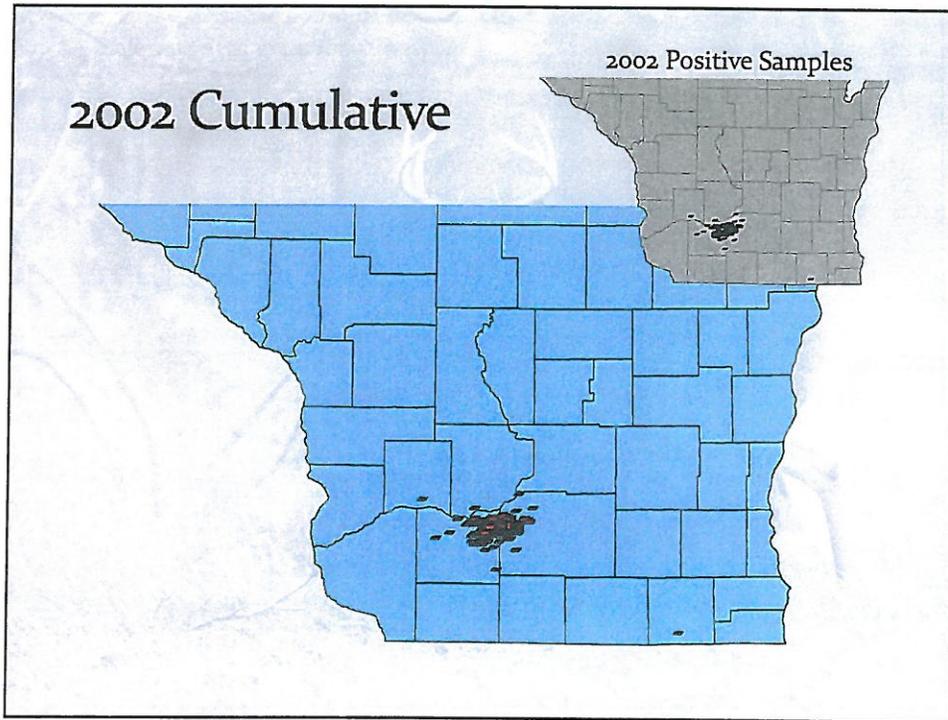
History of CWD Surveillance in Iowa

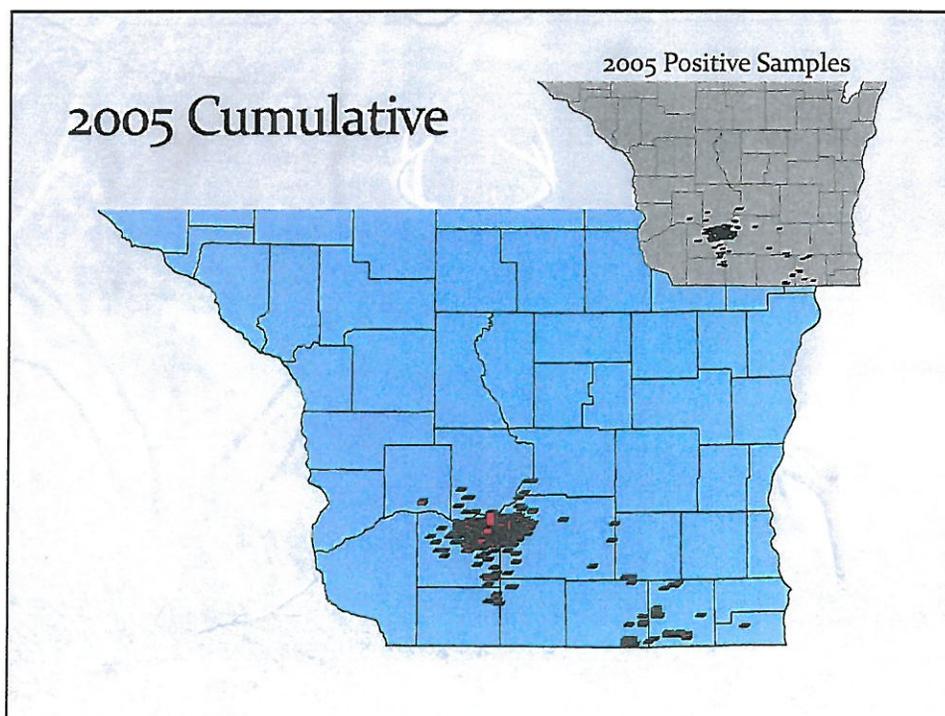
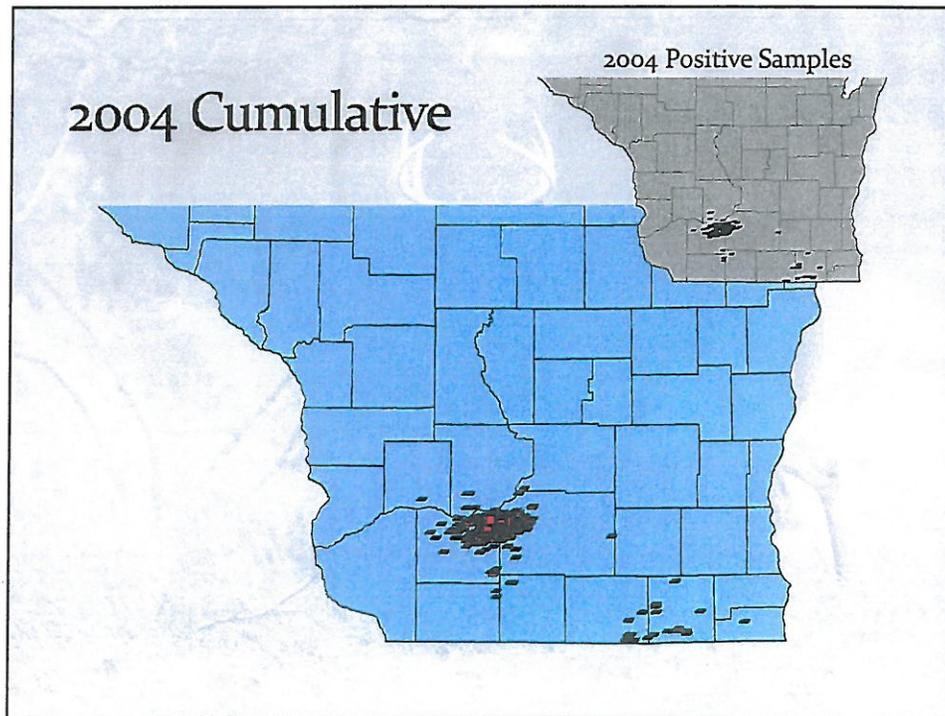
- Began statewide surveillance in 2002
- Since 2002, collected >57,000 samples from wild deer and >3,400 samples from hunting preserves

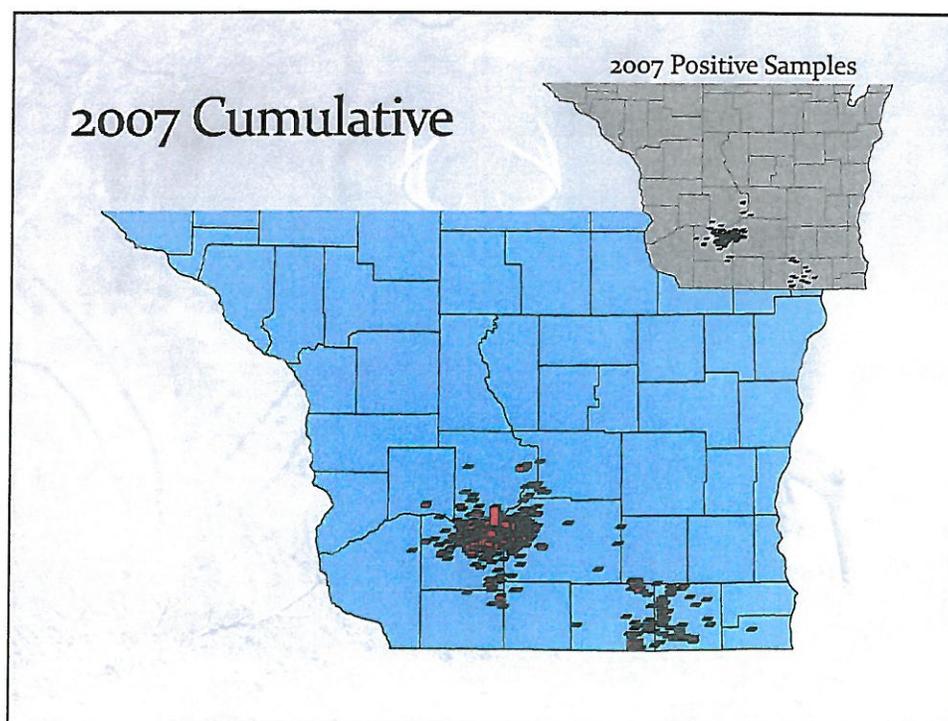
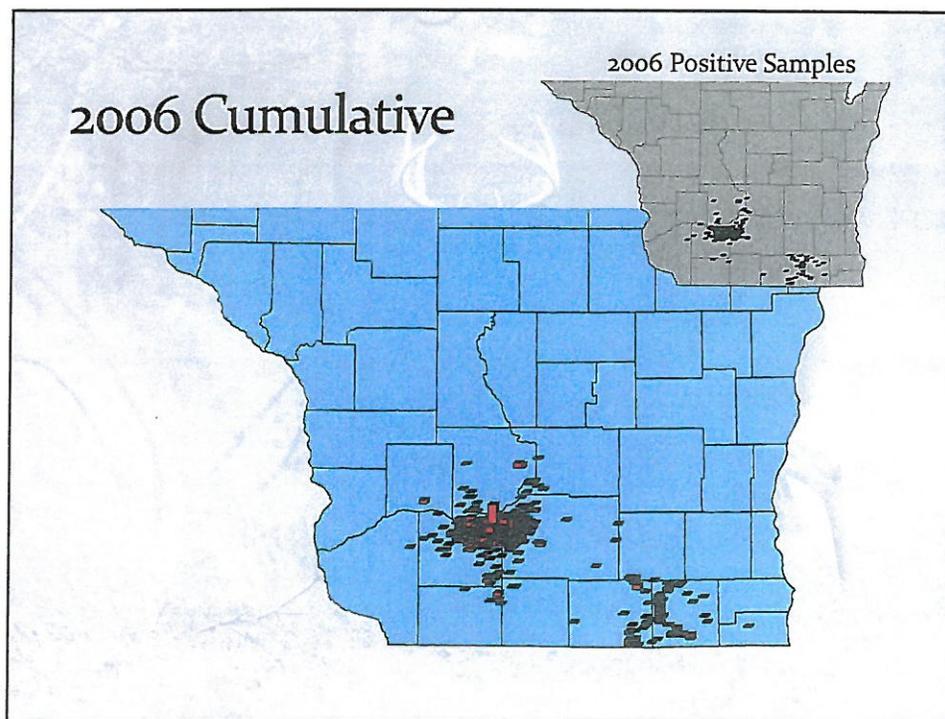


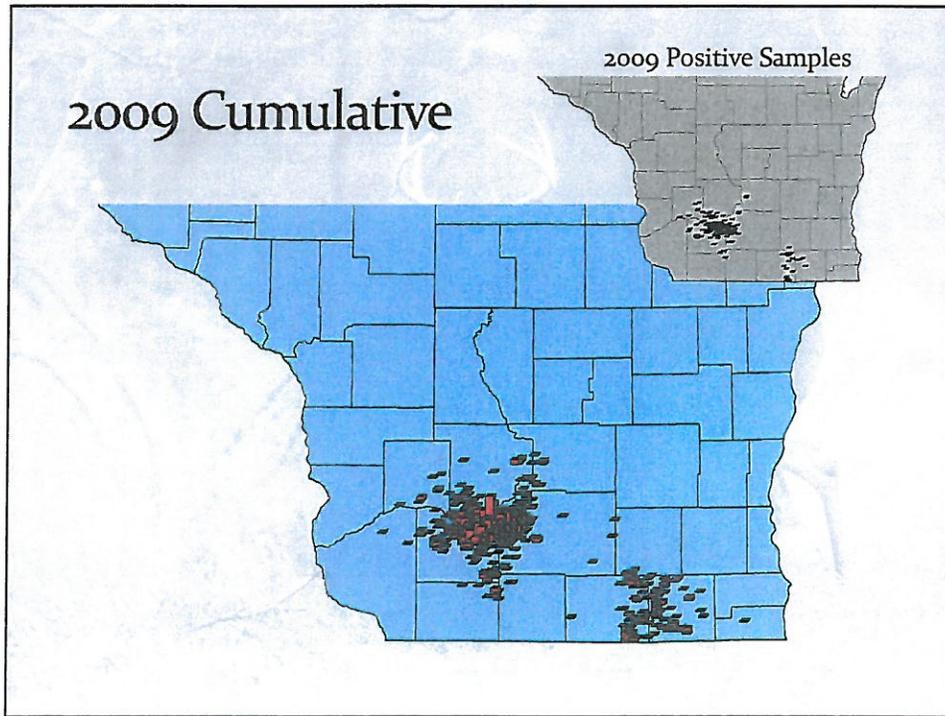
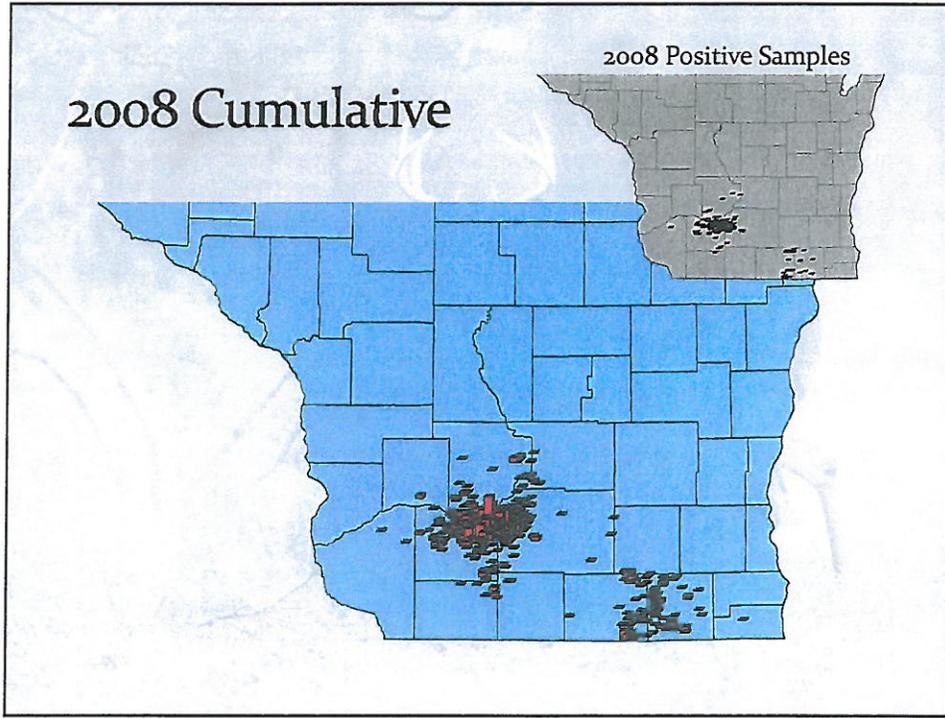
2001 Samples

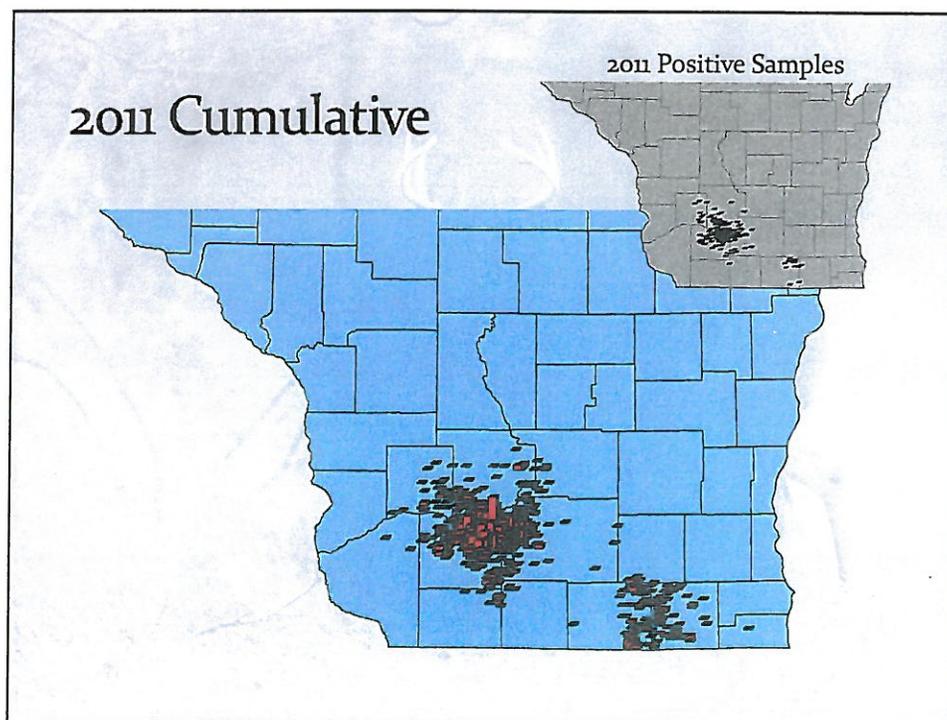
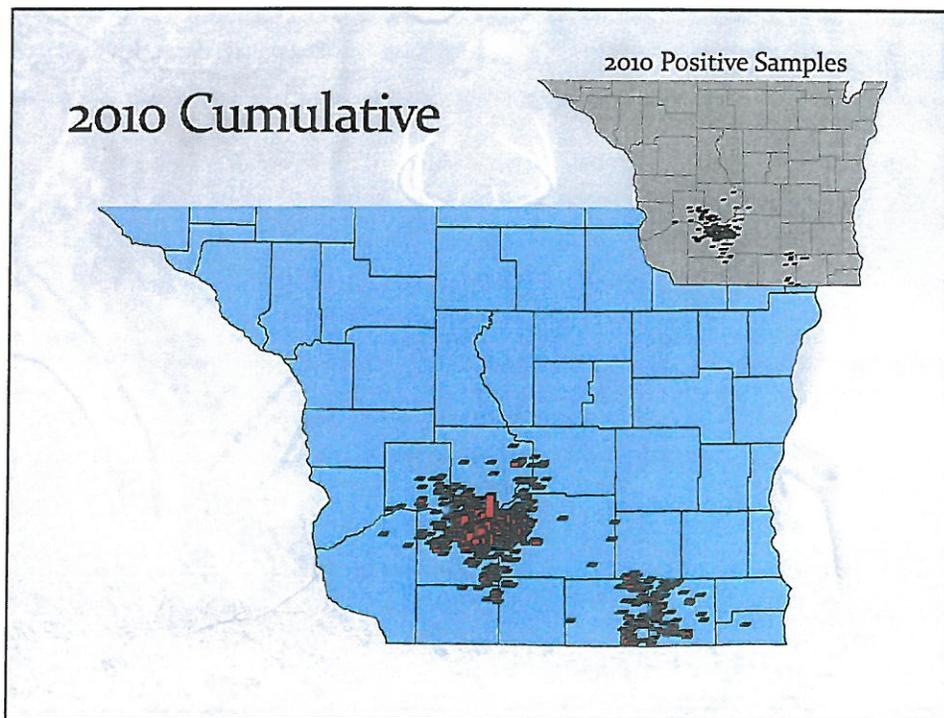


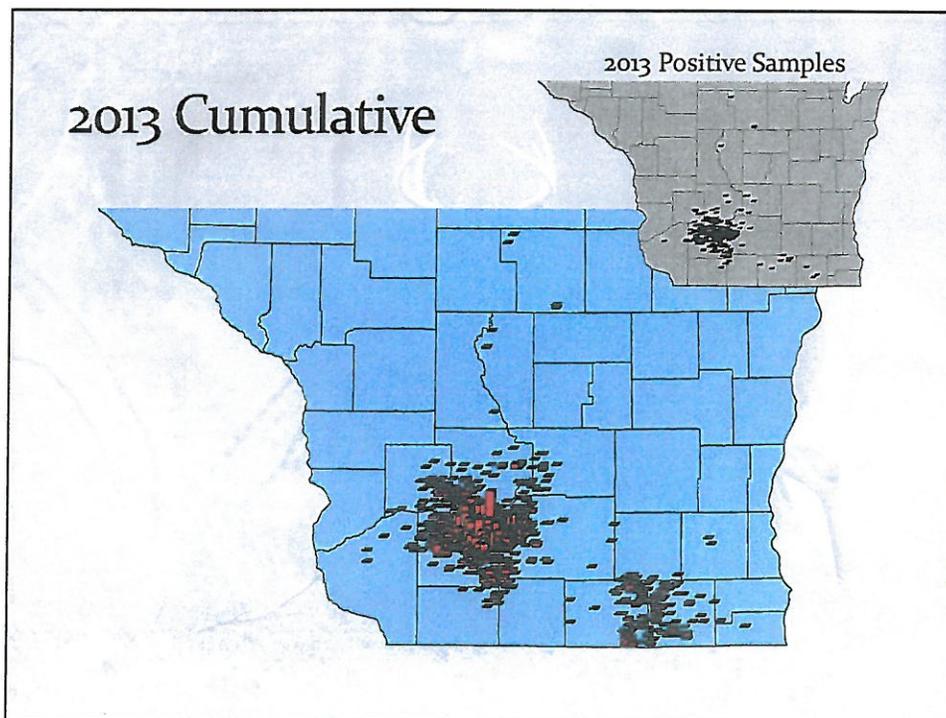
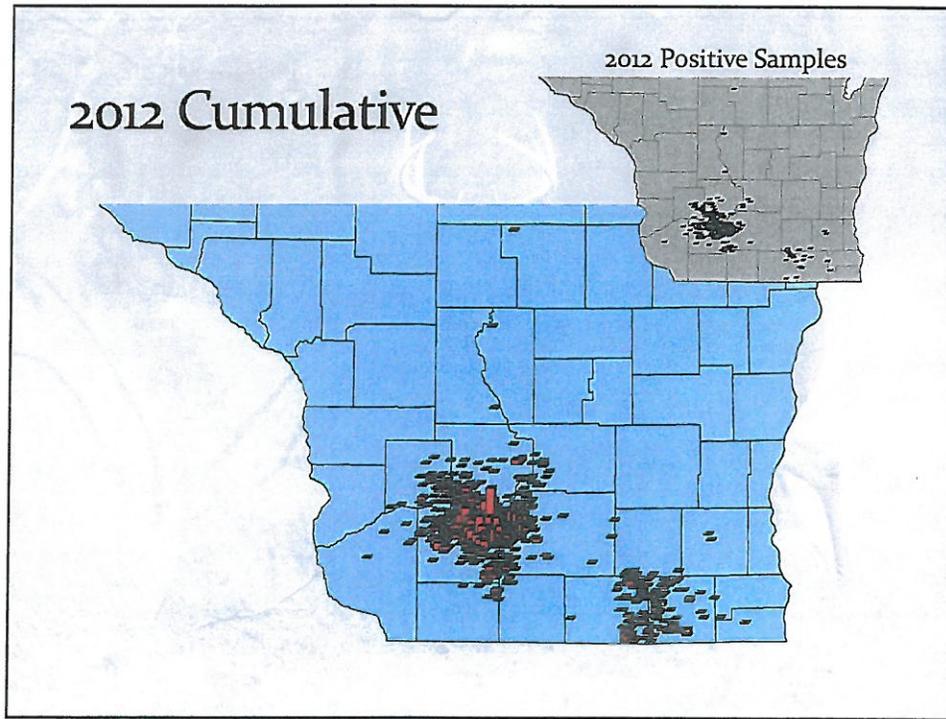








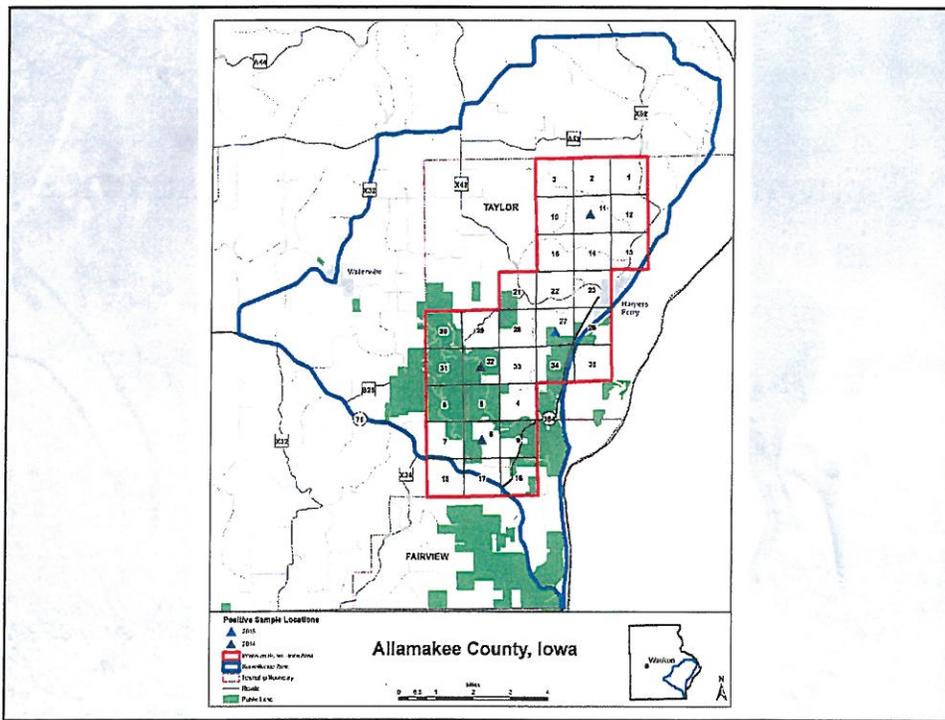
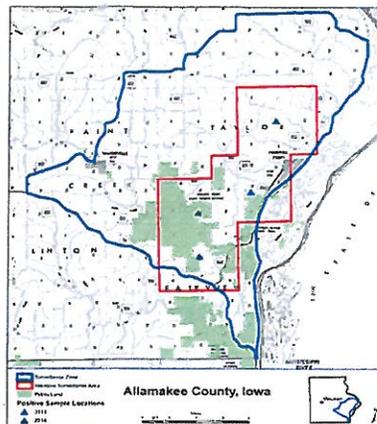




Where Do We Go From Here?

Our thoughts on possible actions:

- Collect additional samples this winter/spring
- Help from local landowners and general public
- Public and private land
- 150 to 200 samples
- Your thoughts?



What You Can Do To Help

- Contact local DNR Conservation Officer or Wildlife Staff immediately to report:
 - Road kill deer locations in the targeted surveillance area.
 - Sick and/or emaciated deer.

- During the upcoming deer hunting seasons, work with local DNR staff to submit samples for CWD testing, especially in the targeted area.

- Do not throw carcasses on the landscape – bury or take them to clay-lined landfill.

- Refrain from feeding and baiting.

“The ultimate test of man’s conscience is his willingness to sacrifice something today for generations tomorrow whose words will not be heard” – *Gaylord Nelson*