

Arkansas CWD Response



CWD Response Timeline

- **February 17**

- 2.5-year-old cow elk tested positive for chronic wasting disease.

- **February 23**

- Emergency Commission meeting for emergency approval of CWD Response Plan.

- **March 9**

- 2.5-year-old female white-tailed deer near the Ponca Elk Education Center was confirmed CWD positive

- **March 14-24**

- Phase I – Newton County Focal Area surveillance to determine disease prevalence

- **March 25 – present**

- Phase II - statewide surveillance to examine spatial distribution of disease

- **June 24**

- AGFC Commission adopted CWD regulations for the 2016-2017 hunting season

Phase III Surveillance

1. Spatial Distribution of Disease/Gap Surveillance:

- Purpose: Define areas of disease concentration
- Hunter harvest samples taken within areas known to have CWD
- 25 CWD stations
 - DNA for microsatellite analysis
- Opening weekend of modern gun season

2. Focal Area Monitoring:

- Purpose: Monitor prevalence over time
- Newton/Pope counties
- Collect samples for 95% confidence at 1% prevalence inside the CWD focal areas
- Hunter harvest samples

3. Disease Detection Surveillance - Statewide:

- Purpose: Collect higher-probability samples for disease detection
- Road killed deer
- Target animals
- Mature bucks – taxidermist
- Veterinarians

Phase III Results

Hunter Harvest Sampling

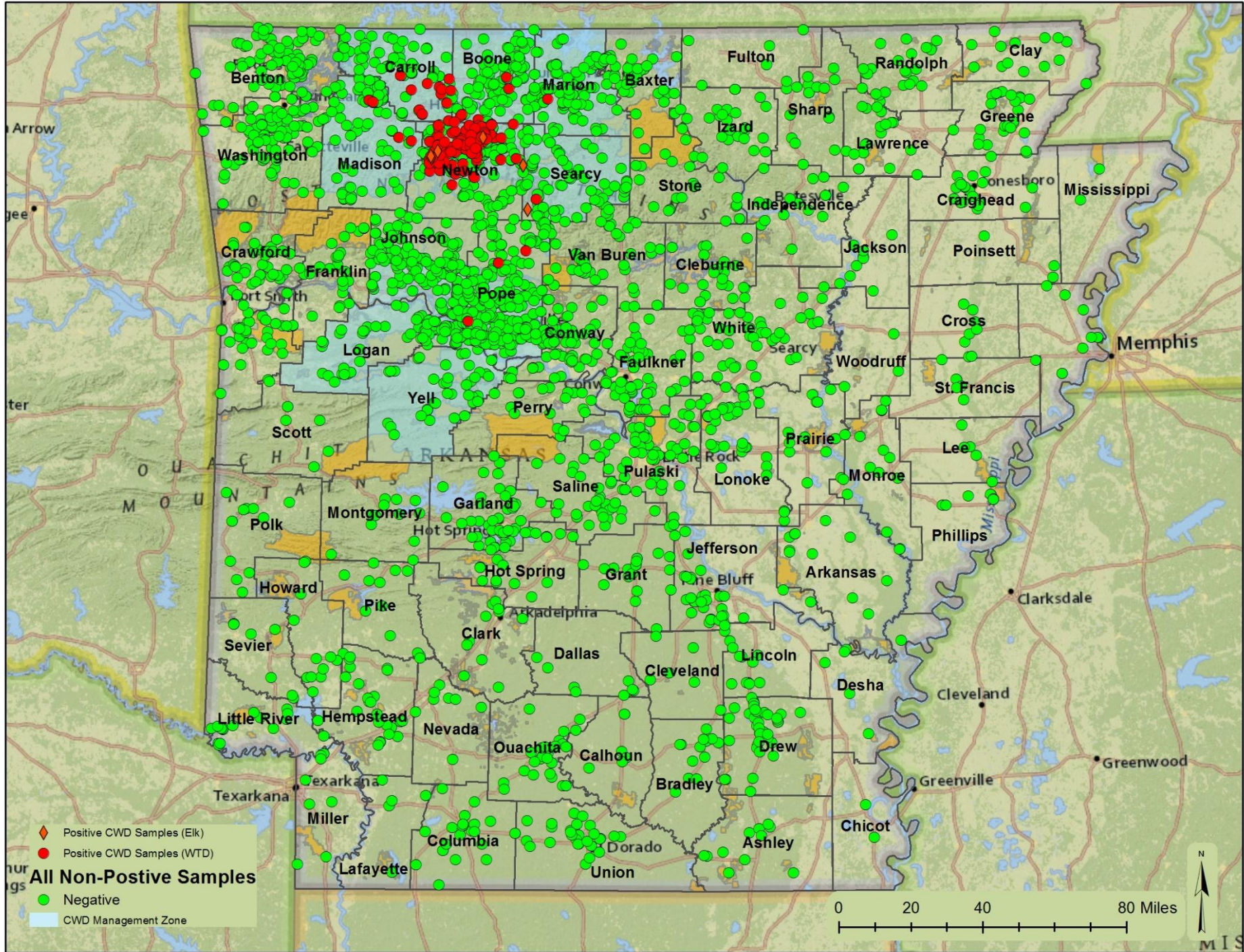
- November 12-13
 - 535 samples WTD
 - 2 Elk
- 67 Veterinarians
 - 7 vets have submitted samples
 - 17 samples submitted
- 49 Taxidermists
 - 6 currently reporting
 - 394 samples submitted

Total Hunter Harvest Sampling

- 1,136 total samples (from Sept 1)
- 36 CWD+

Surveillance Results Since February 2016

Type	# Samples	# Positive
Hunter Harvest	1,130	36
Road Kill	1,592	16
Targeted Kill	298	42
CWD Focal Area Random Sample	318	62
Grand Totals	3,338	156



- 156 total CWD Positive:
 - 150 WTD
 - 6 Elk

