

# Chronic Wasting Disease Surveillance in Michigan: 2018 Wildlife Disease Laboratory Summary



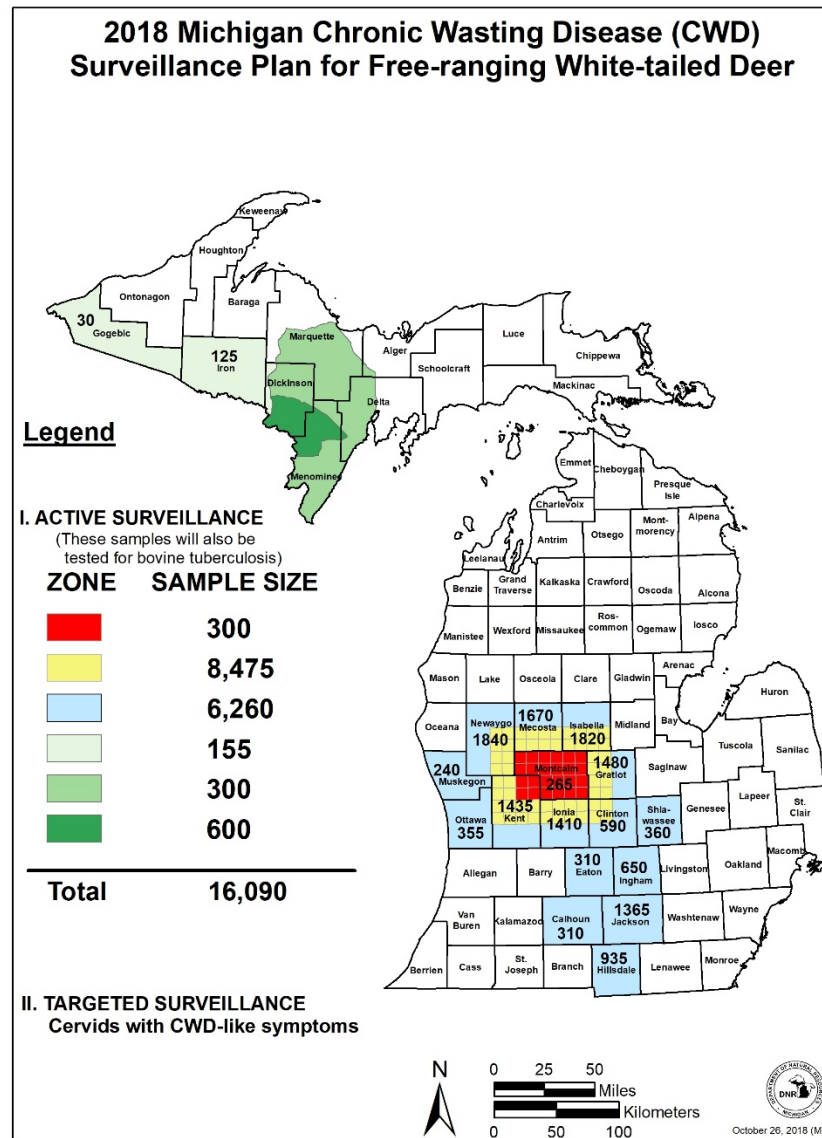
Kelly Straka DVM MPH  
State Wildlife Veterinarian



# 2018 Surveillance Plan

Also available online  
at:

[mi.gov/cwd](http://mi.gov/cwd)



# Partnerships: Manpower

## In the lab:

- DNR staff (outside of WLD)
- MDARD veterinarians
- USDA Disease biologists
  - CWD researcher
- Veterinary students
  - Outside of MI too!
- Visiting international scholars, physicians and medical researchers



## In the field:

- DNR field staff
- Taxidermists and meat processors
- Township halls
- And others!





# UP Lymph Node Removal Training



# Partnerships: Diagnostic Labs

## Michigan State University (main partner)

- Proximity
- Rapid turnaround
- History



## University of Wisconsin (“overflow”)

- Easier processing on the floor, but
- Added time for shipping
- Rapid turnaround
- First year incorporating this lab



# 2018 Surveillance Numbers (PRELIMINARY)

**2018 White-tailed Deer CWD Testing - As of**

**January 4, 2019**

## Goals by Testing Zones

Zone	Goal	Total Tested
16-County Area*	6260	13622
56-Township Area	8475	5243
24-Township Area	300	4152
UP - Gogebic, Iron, part Dickinson	155	296
UP CWD Expanded Surveillance Area	300	810
UP CWD Core Surveillance Area	600	889
<b>Totals</b>	<b>16090</b>	<b>25012</b>

\*This 16 Co. subtotal is minus the yellow and red areas as there is overlap between the two areas.

Deer Tested in Remainder of State	3967
<b>Statewide Total</b>	<b>28979</b>

*Totals reflected in this update only include those with final test results. Deer with pending results are not included in these totals.*

## Individual County Goals

County Name	Goal	Total Tested	# Positive
Calhoun	310	706	0
Clinton	590	1631	1
Dickinson	105	702	1
Eaton	310	713	1
Gogebic	30	37	0
Gratiot	1480	1060	1
Hillsdale	935	1249	0
Ingham	650	1525	0
Ionia	1410	1784	1
Iron	125	235	0
Isabella	1820	973	0
Jackson	1365	1447	2
Kent	1435	1435	9
Mecosta	1670	1887	0
Menominee	340	792	0
Montcalm	265	3741	41
Muskegon	240	356	0
Newaygo	1840	3342	0
Ottawa	355	400	0
Shiawassee	360	766	0
<b>Total to date</b>	<b>15635</b>	<b>24781</b>	<b>57</b>

# CWD Positive Numbers (SUBJECT TO CHANGE)

2018 (57)				2015-2018 (111)			
		Female	20			Female	44
		Male	37			Male	67
AGE*	Total Count	Female	Male	AGE*	Total Count	Female	Male
0	0	0	0	0	2	1	1
1	14	4	10	1	34	9	25
2	23	7	16	2	38	13	25
3	10	4	6	3	20	10	10
4	8	3	5	4	13	7	6
5	0	0	0	5	1	1	0
6	0	0	0	6	1	1	0
7	0	0	0	7	0	0	0
8	1	1	0	8	1	1	0
9	1	1	0	9	1	1	0

\*If during deer season, add 0.5

## CAUTION:

Data interpretation should include comparisons with the numbers tested!

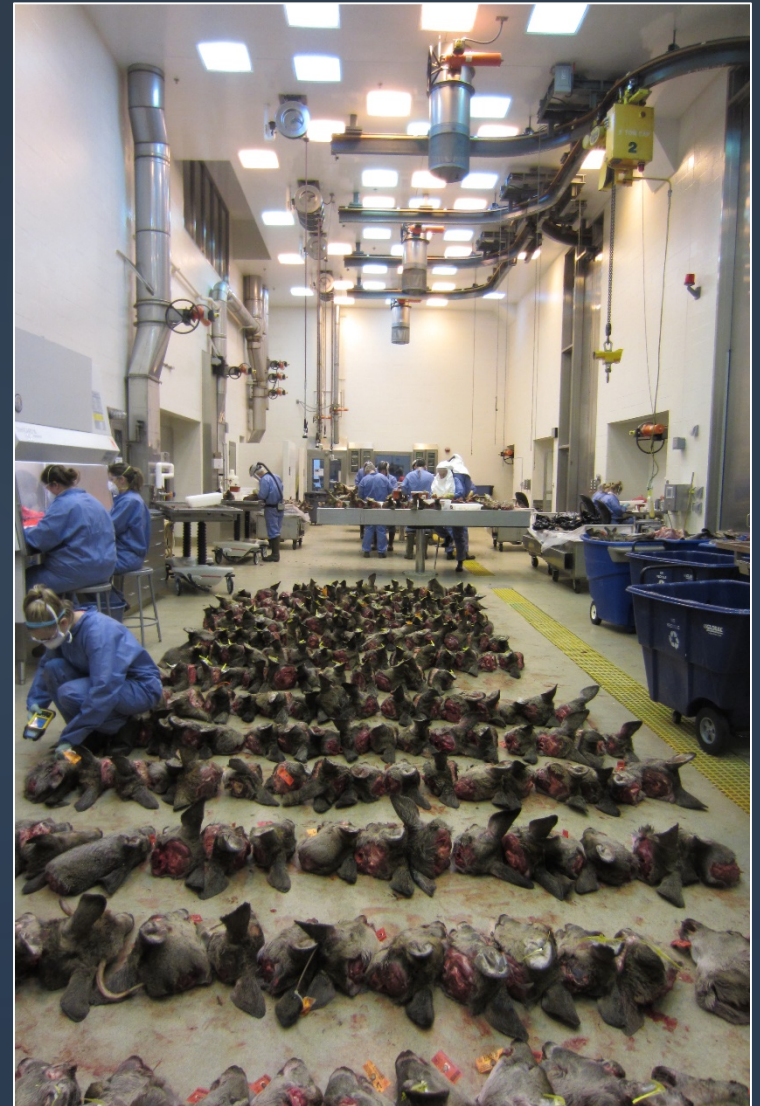




# Next Steps?

## After Action Review (aka the Post Mortem):

- Disease lab staff will meet January 11th
  - What worked well and what didn't?
  - What can we tell about confidence in disease distribution?
- Division discussions to follow





# THANK YOU!

HAPPY HOLIDAYS



THE LAB STAFF