

# Michigan's Bovine Tuberculosis Program



Michigan Department Agriculture

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# Where Have We Been

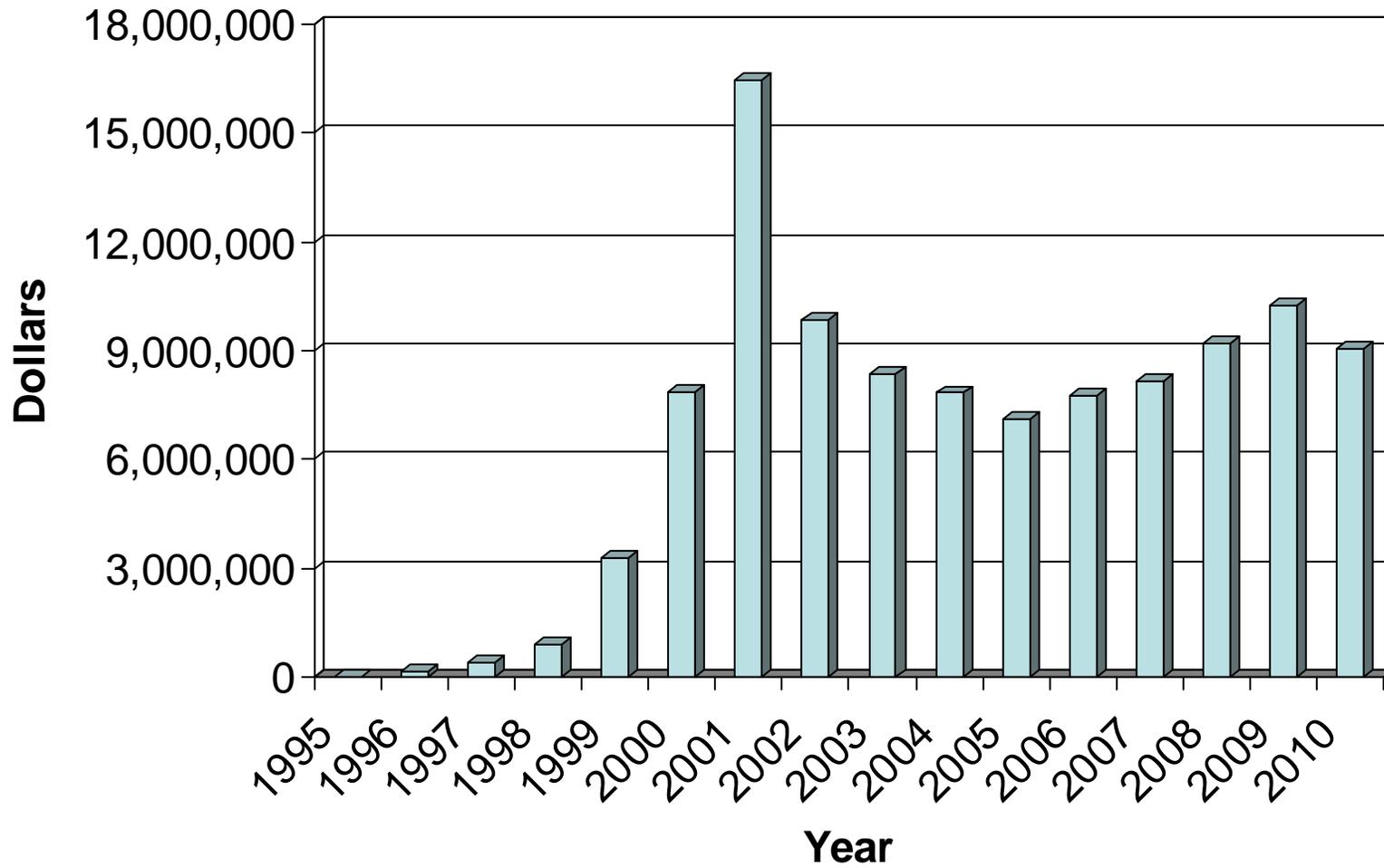
- 1979 - Bovine TB Free Status
- 1994 - Positive white-tailed deer
- 1998 - First positive cattle herd
- 2000 - Lost TB Free Status



# What is at Stake?

- Agriculture is a growing industry in Michigan
  - ~\$70 Billion annually to economy
  - 1.5 million jobs linked to food & agriculture
- Michigan cattle industry 1.1 million head
  - Estimated value \$6.4 billion

## Bovine TB Expenditures

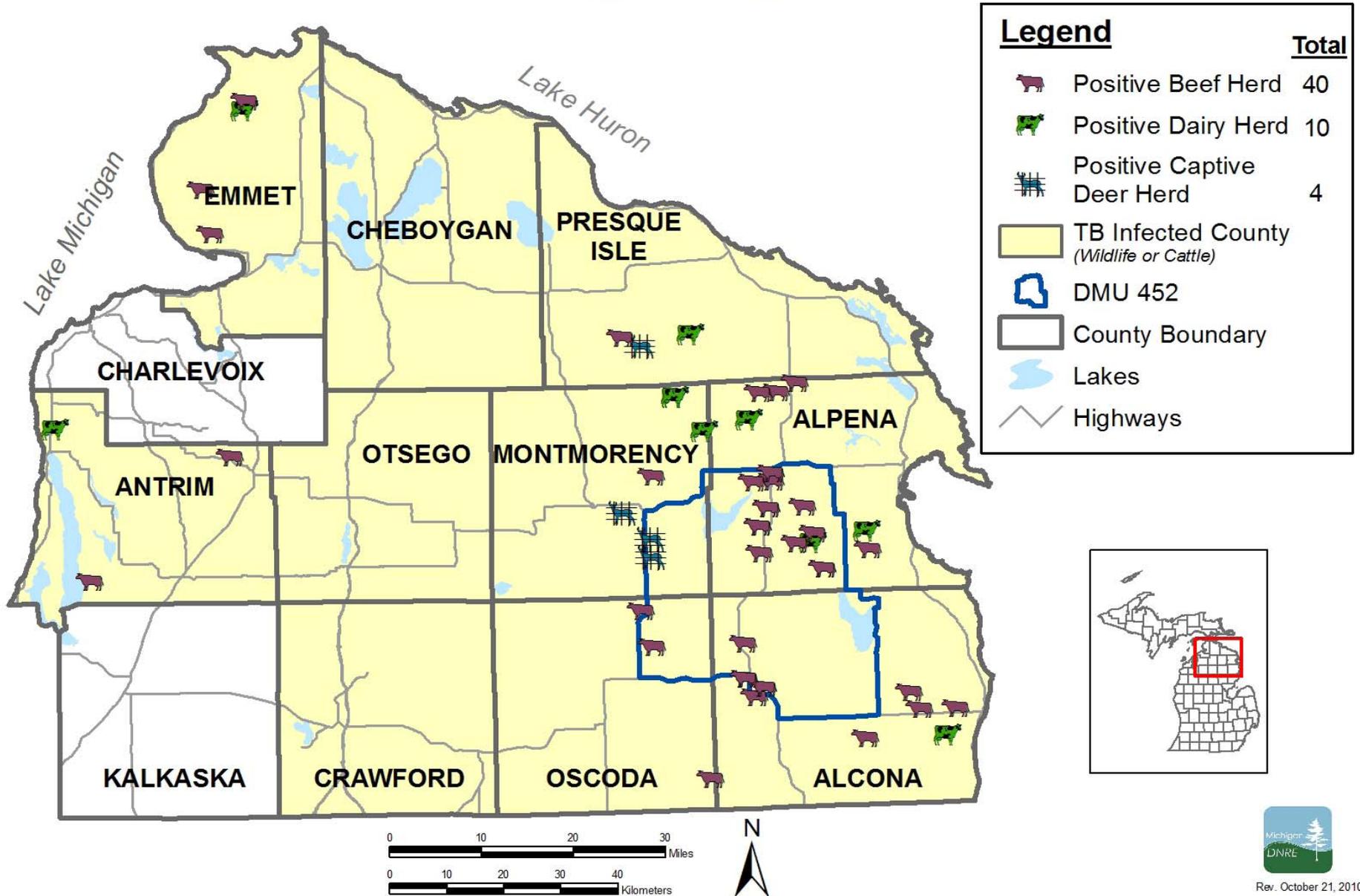


# The Outcome

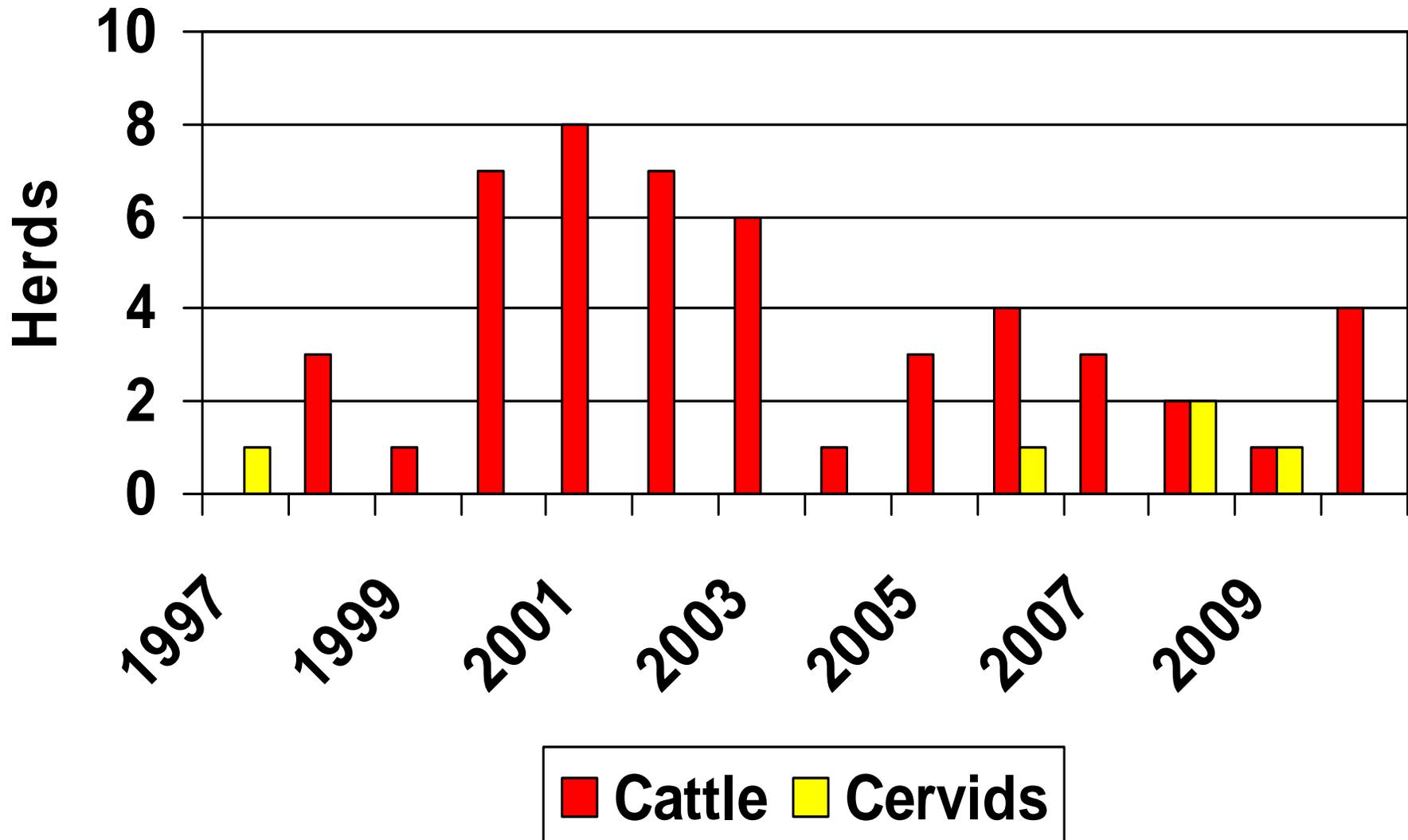
- Over 38,000 whole herd tests
- 1.8 million cattle tested
- Over 83,000 suspects



# Bovine Tuberculosis Positive Cattle and Captive Cervid Herds 1998 - 2010

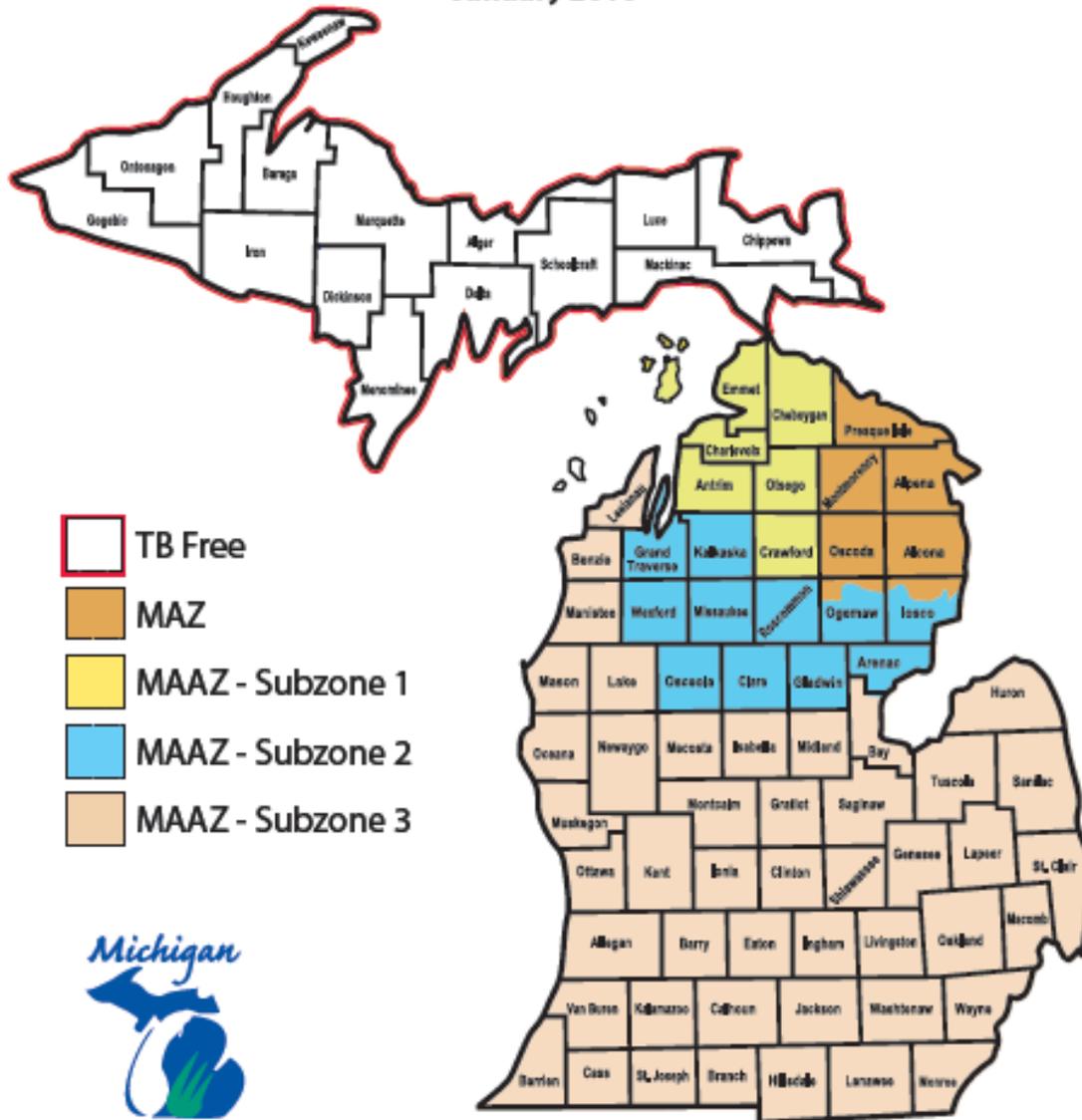


# Bovine TB Positive Livestock



# Michigan Bovine Tuberculosis Zones

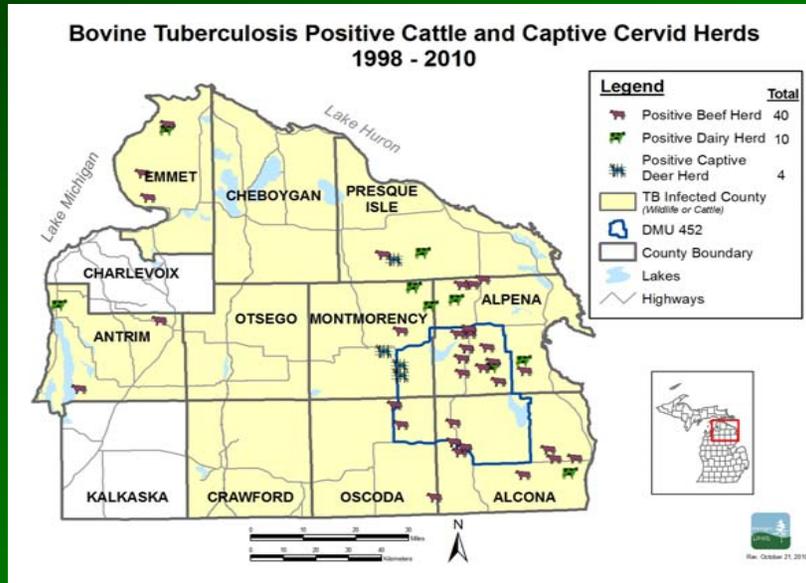
January 2010



- TB Free
- MAZ
- MAAZ - Subzone 1
- MAAZ - Subzone 2
- MAAZ - Subzone 3

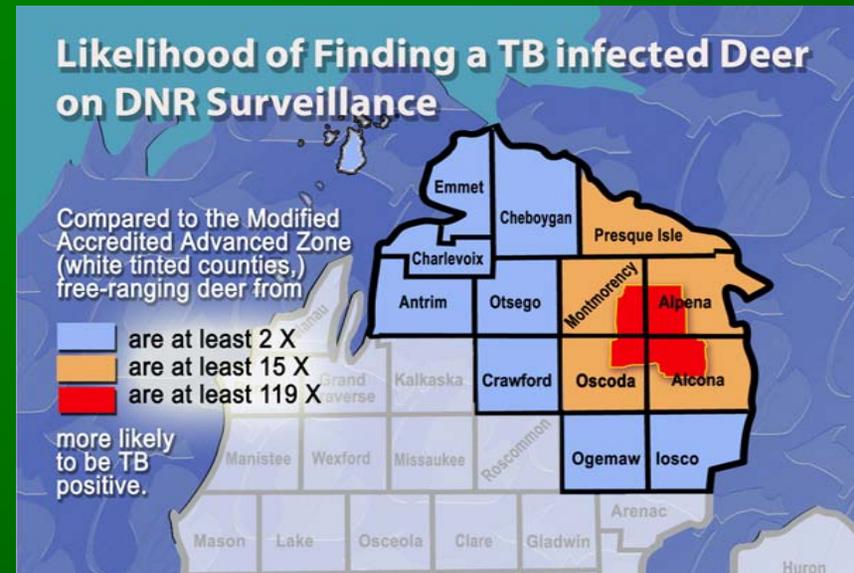


# Where Are We Today



Risk of disease entering a herd from infected wild deer

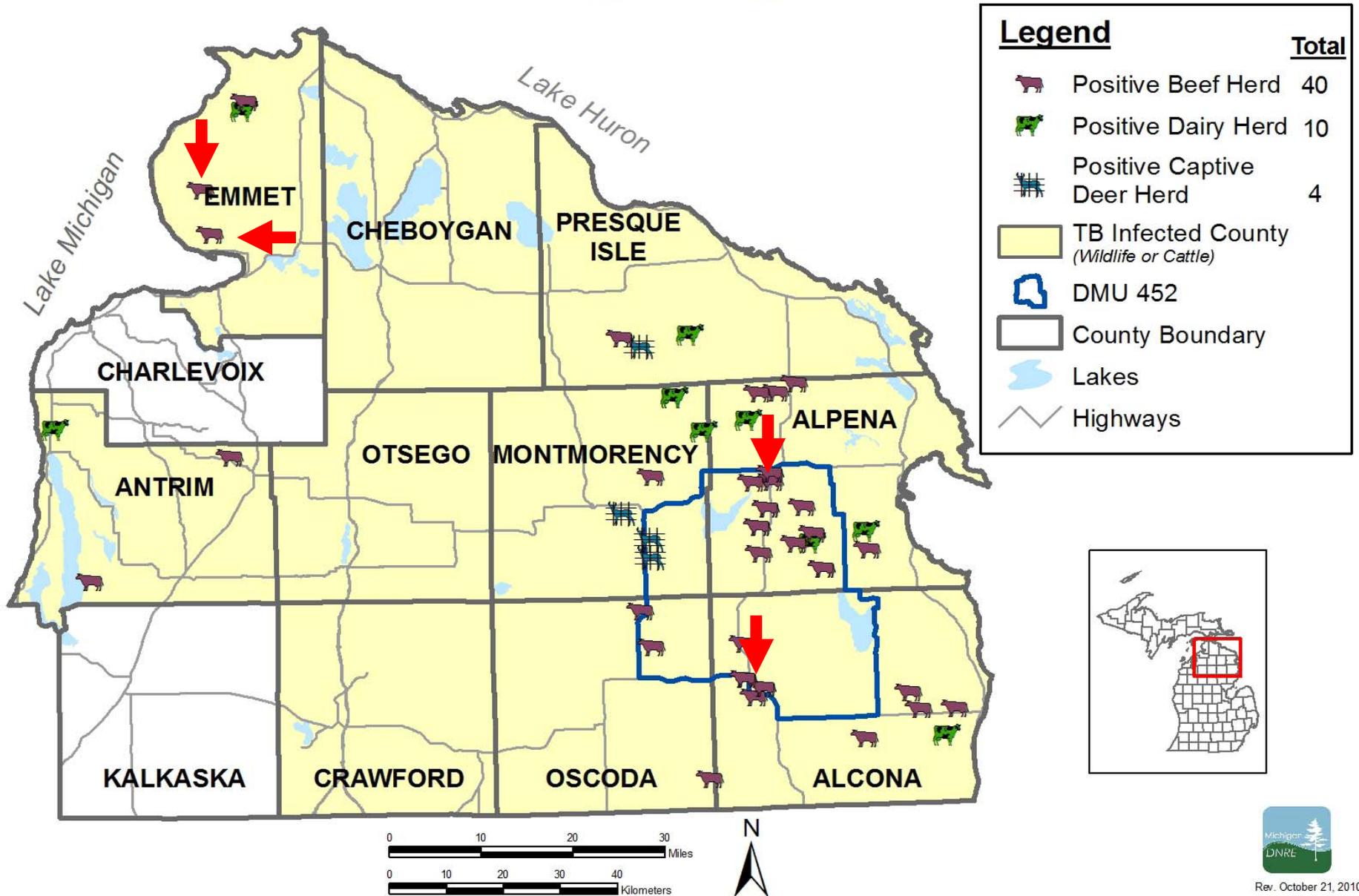
Risk of moving the disease via exposed livestock



# 2010 Data

	<b>Herds Tested (n)</b>	<b>Cattle Tested (n)</b>	<b>CFT Suspects (n)</b>
<b>MAZ</b>	781	26849	796
<b>Subzone 1</b>	323	8569	230
<b>Subzone 2</b>	264	21955	936
<b>Subzone 3</b>	534	18598	230
<b>Free</b>	27	1376	17
<b>Total</b>	<b>1929</b>	<b>77347</b>	<b>2209</b>

# Bovine Tuberculosis Positive Cattle and Captive Cervid Herds 1998 - 2010



# Wildlife Risk Mitigation

	Active Premises	WRM Verified
Round 1	341	327
Round 2	362	322
Round 3	39	17
<b>Total</b>	<b>742</b>	<b>666</b>

