

# 05hr\_SC-NRT\_CRule\_05-016\_pt01



(FORM UPDATED: 08/11/2010)

## WISCONSIN STATE LEGISLATURE ... PUBLIC HEARING - COMMITTEE RECORDS

### 2005-06

(session year)

### Senate

(Assembly, Senate or Joint)

### Committee on ... Natural Resources and Transportation (SC-NRT)

#### COMMITTEE NOTICES ...

- Committee Reports ... **CR**
- Executive Sessions ... **ES**
- Public Hearings ... **PH**

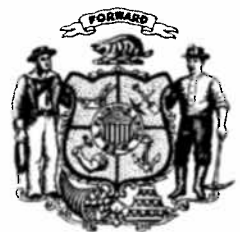
#### INFORMATION COLLECTED BY COMMITTEE FOR AND AGAINST PROPOSAL

- Appointments ... **Appt** (w/Record of Comm. Proceedings)
- Clearinghouse Rules ... **CRule** (w/Record of Comm. Proceedings)
- Hearing Records ... bills and resolutions (w/Record of Comm. Proceedings)  
(**ab** = Assembly Bill)                      (**ar** = Assembly Resolution)                      (**ajr** = Assembly Joint Resolution)  
(**sb** = Senate Bill)                              (**sr** = Senate Resolution)                              (**sjr** = Senate Joint Resolution)
- Miscellaneous ... **Misc**



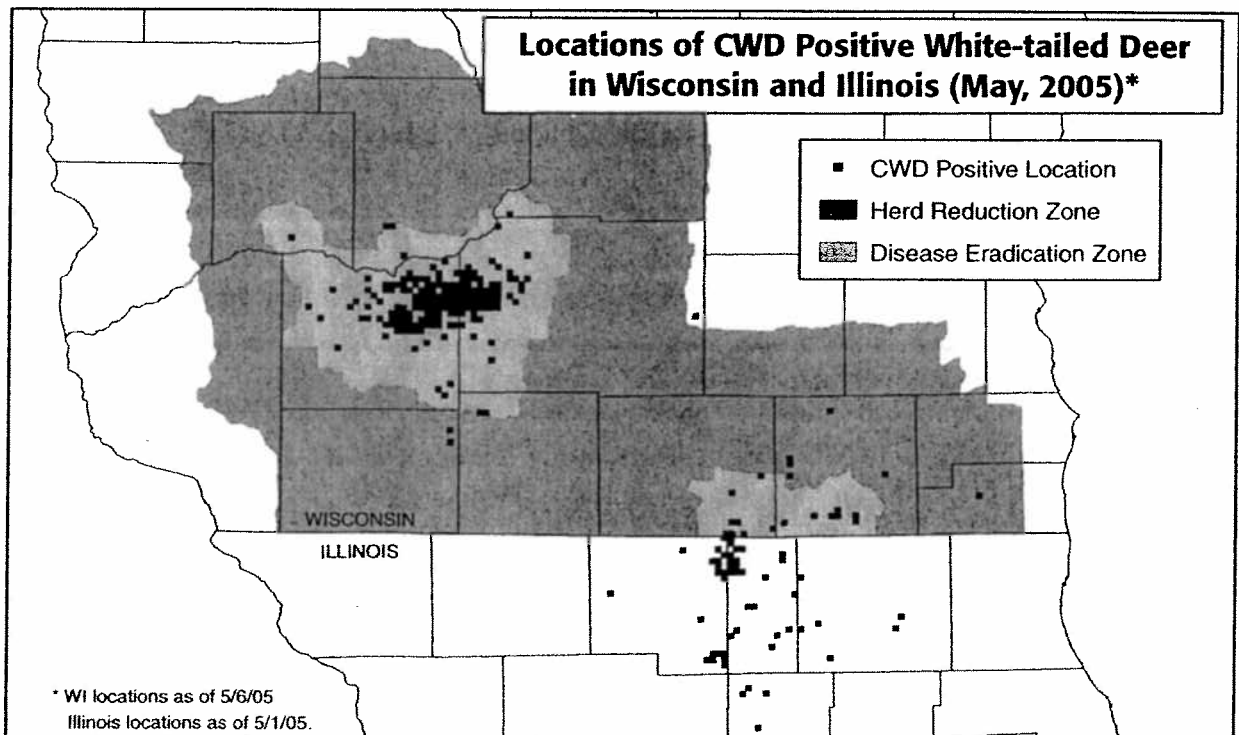
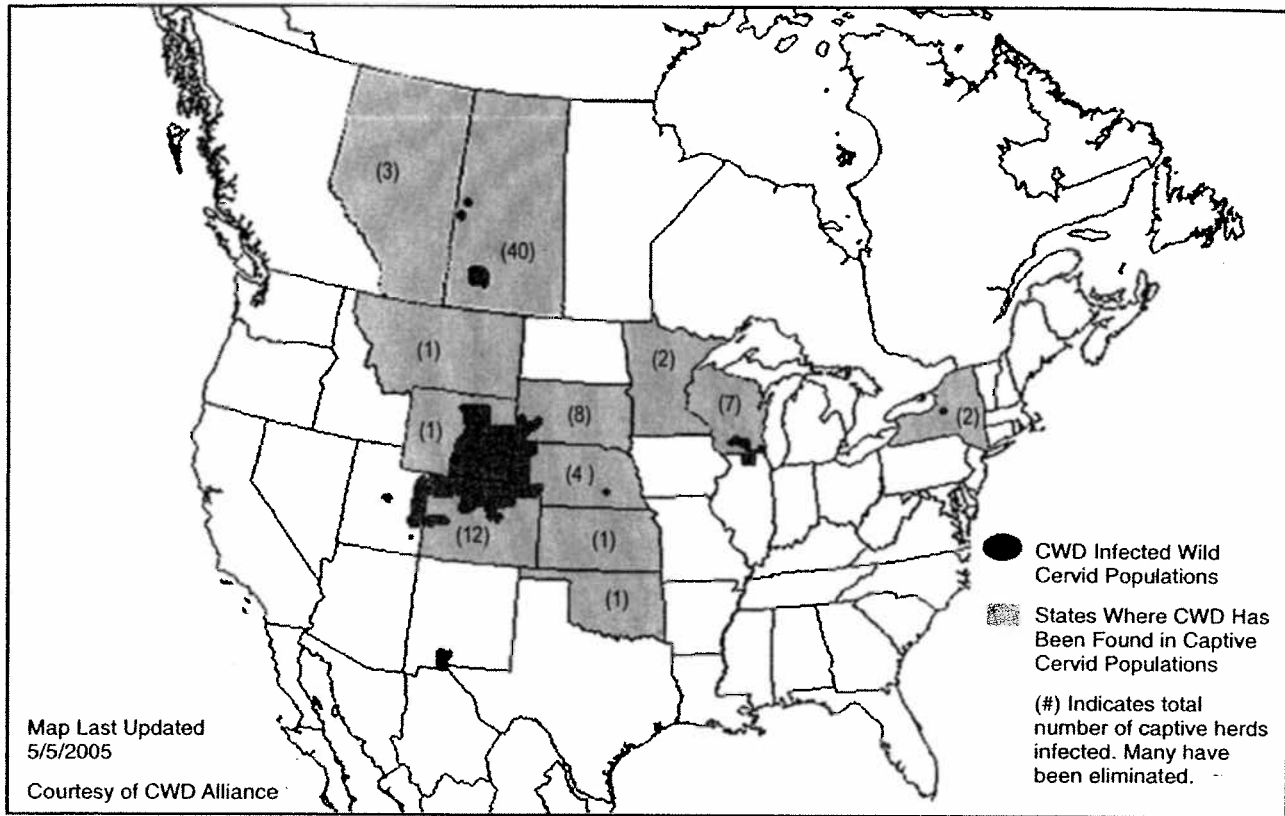


# WISCONSIN STATE LEGISLATURE



**CWD in Wisconsin:  
A Snapshot**

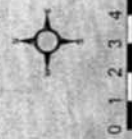
### Distribution of CWD in Captive and Wild Deer and Elk in North America



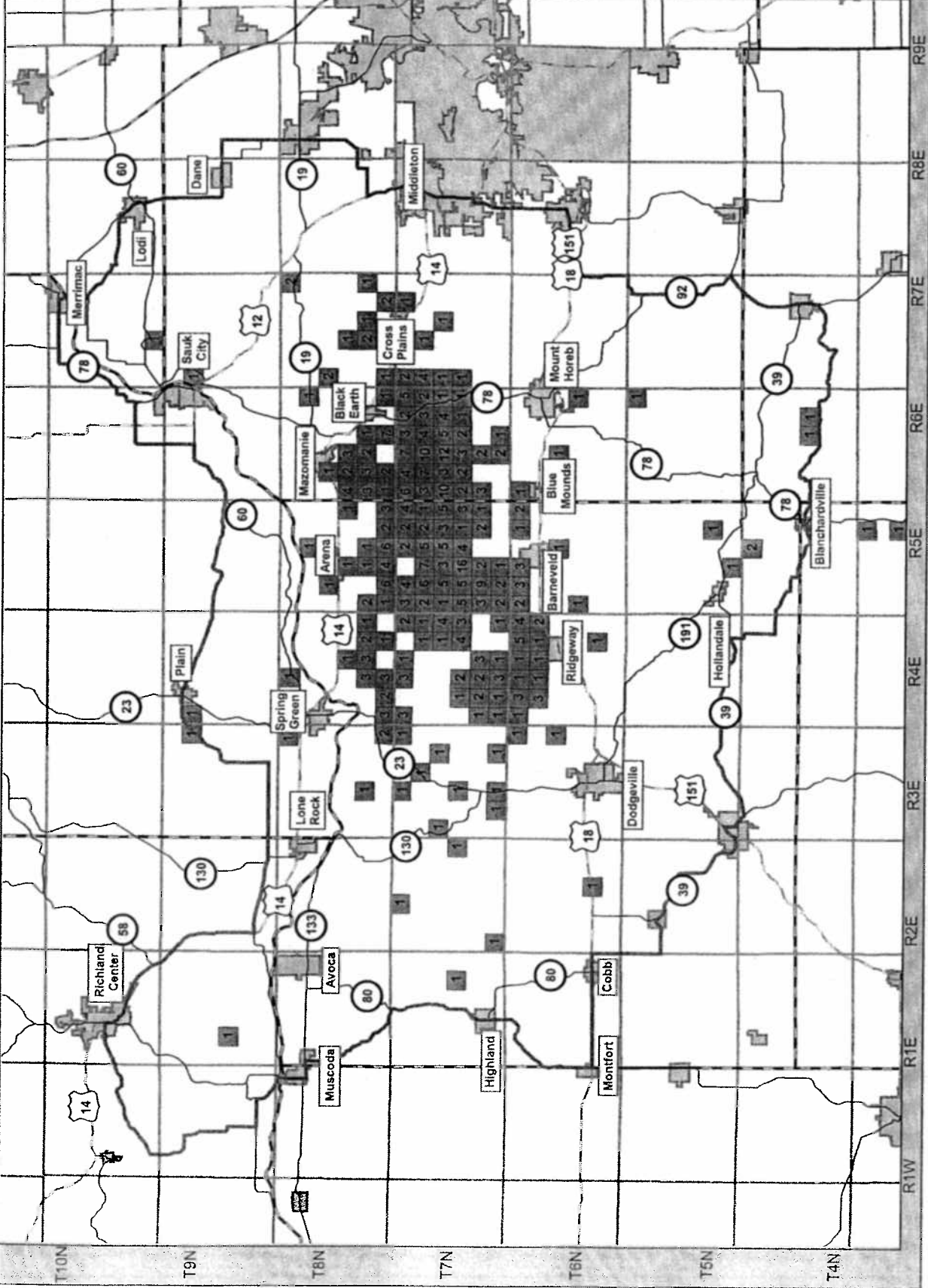
CWD Positive Deer  
Locations in the  
Western Disease  
Eradication Zone

**Legend**

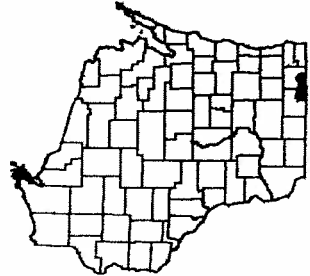
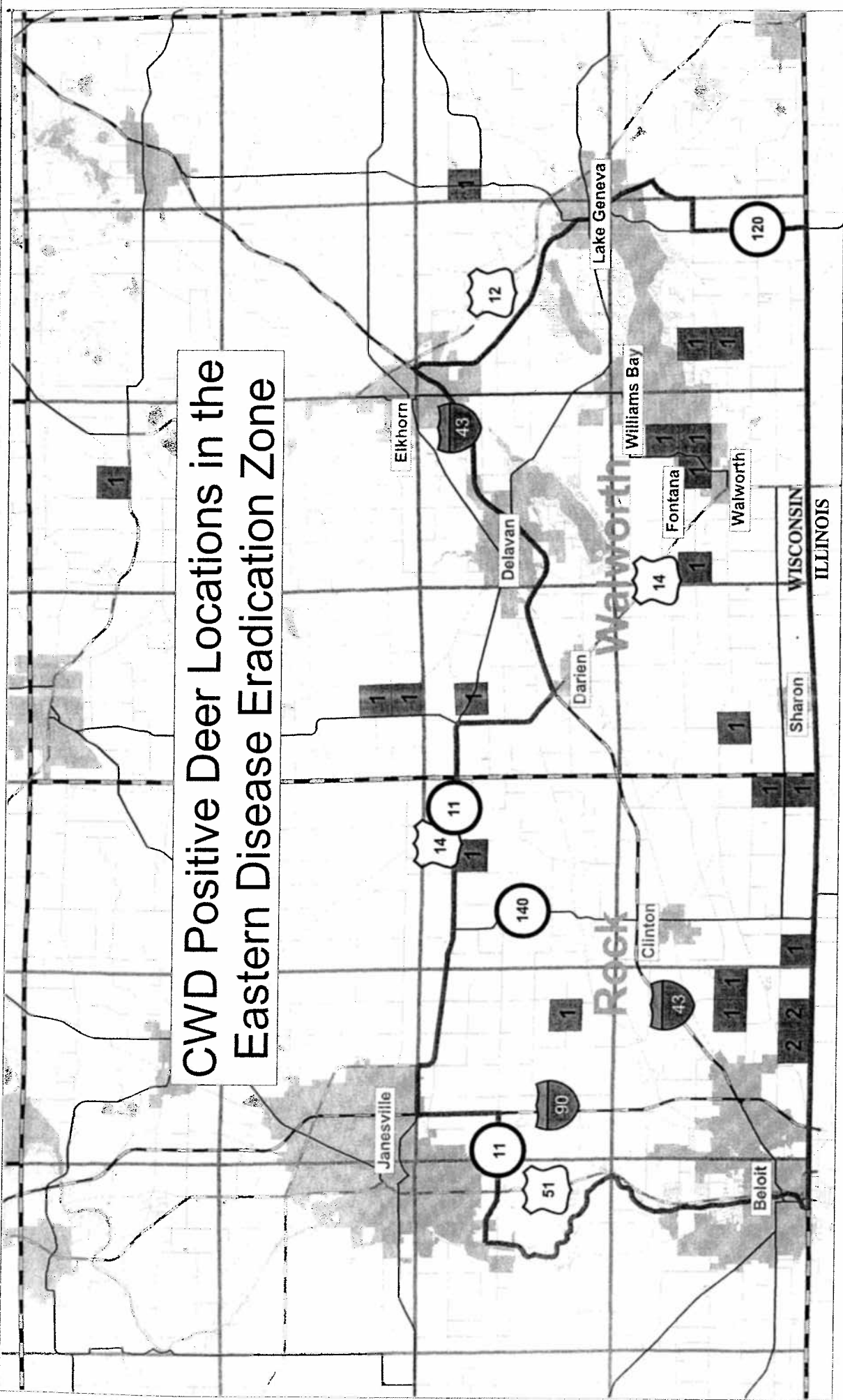
- Disease Eradication Zone
- County Boundaries
- Municipalities
- Interstate Hwy
- U.S. Hwy
- State Hwy
- 2001-05 Positive Location
- Positive Deer Totals 2001-05











Updated 5/24/2005



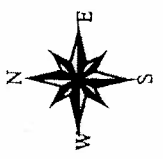
# CWD Positive Deer Locations in the Eastern Disease Eradication Zone



-  Disease Eradication Zone
-  Positive deer location
-  Municipalities
-  County Boundaries
-  Interstate Highway
-  U.S. Highway
-  State Highway
-  Local Roads



Updated 5/24/2005

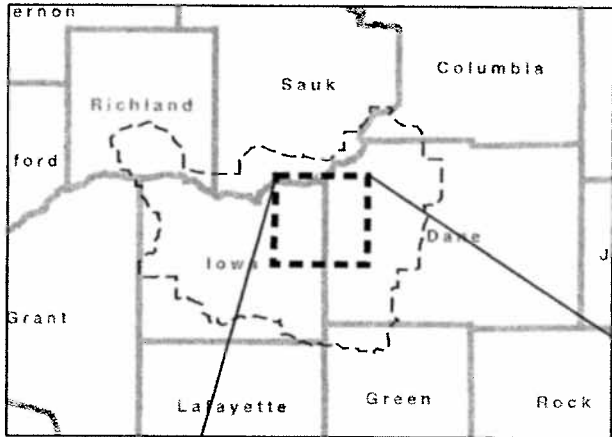


## 2004 WI Test Results

	# Sampled	# Analyzed	# Positives
DEZ	10856	10856	136
HRZ	7476	7476	8
Remainder	768	768	1
	4	4	0
Total	19104	19104	145

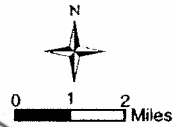


## 2002-03 CWD Infection Rates of Adult Deer within the CWD "Core" Area of Iowa and Dane Counties, Wisconsin



### Legend

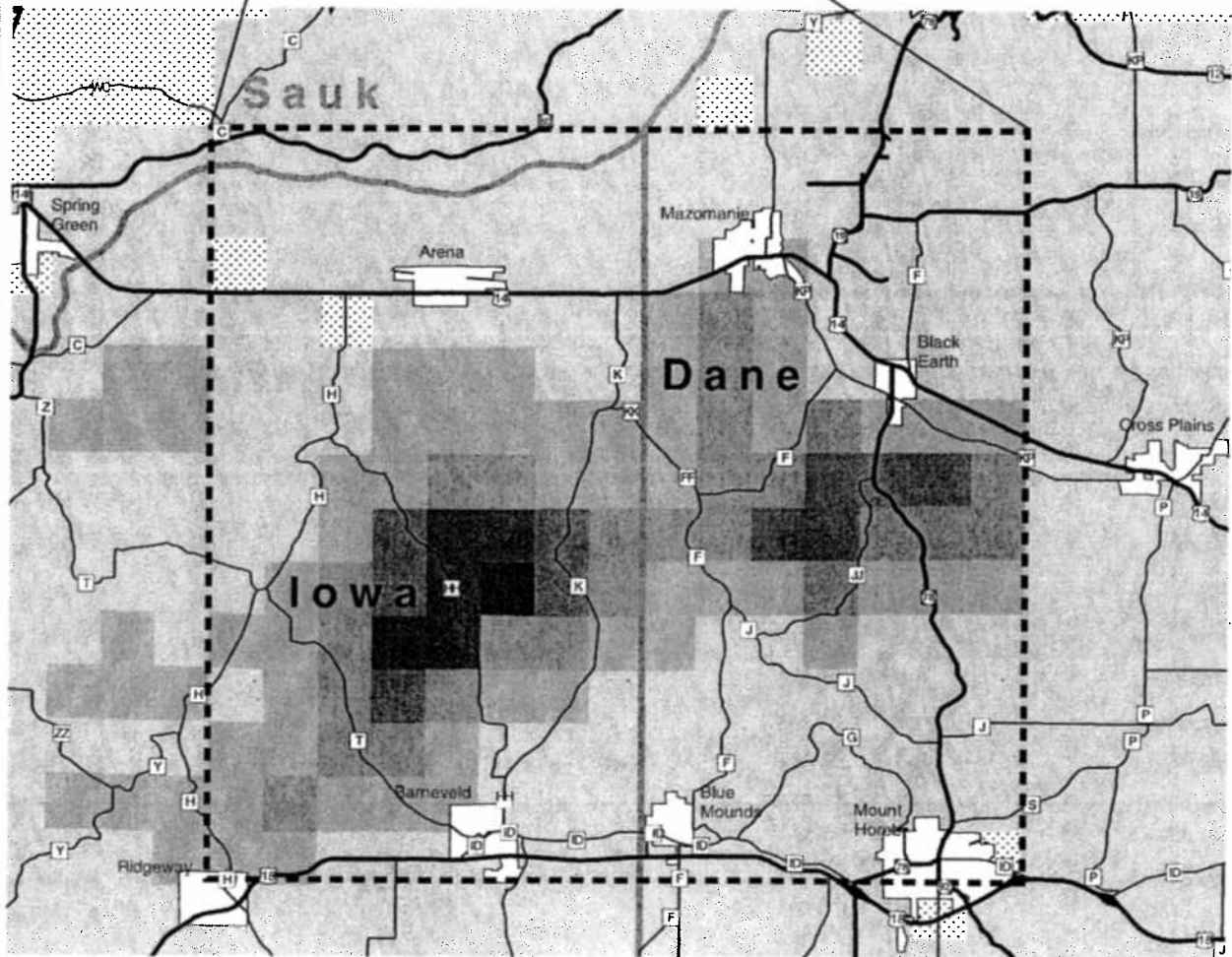
- |                 |                                |                        |
|-----------------|--------------------------------|------------------------|
| Major Highway   | %                              | of Adult Deer Infected |
| County Highway  |                                |                        |
| 2004 CWD DEZ    | 0%- 2%                         |                        |
| CWD Core Area   | 2%- 4%                         |                        |
| County Boundary | 4%- 6%                         |                        |
| City or Village | 6%- 8%                         |                        |
|                 | 8%- 10%                        |                        |
|                 | 10%- 12%                       |                        |
|                 | not enough samples to estimate |                        |



Wisconsin Department of Natural Resources  
GIS Services Section

USGS Wisconsin Cooperative  
Wildlife Research Unit

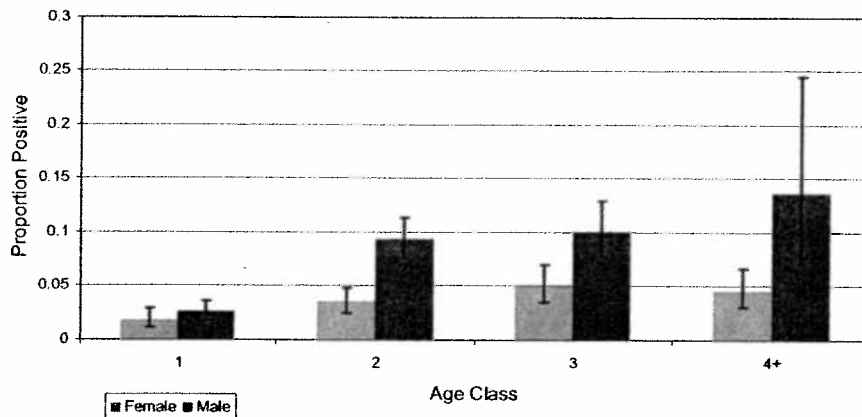
8/24/04



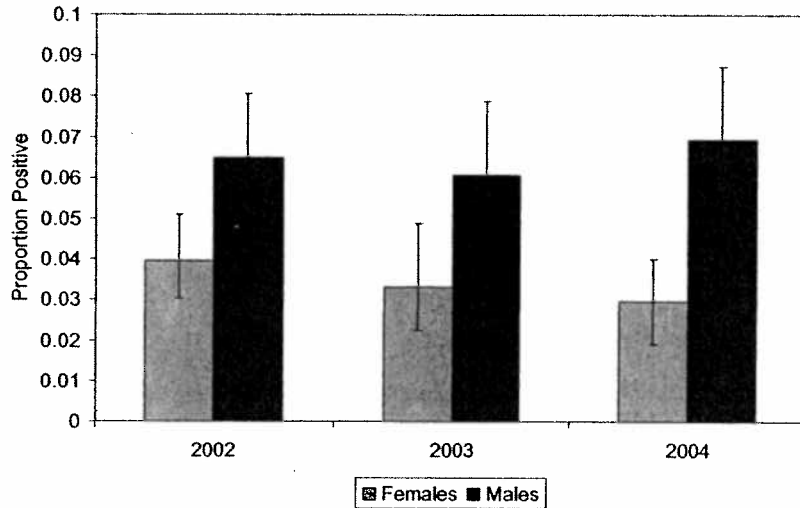
## More on Disease Prevalence

- Although the Western DEZ is 1320 square miles in size, > 80% of positive animals fall within a 126 square mile area
- 10 out of more than 7500 fawns tested positive
- Prevalence increases with age and rate of increase is faster in males than females

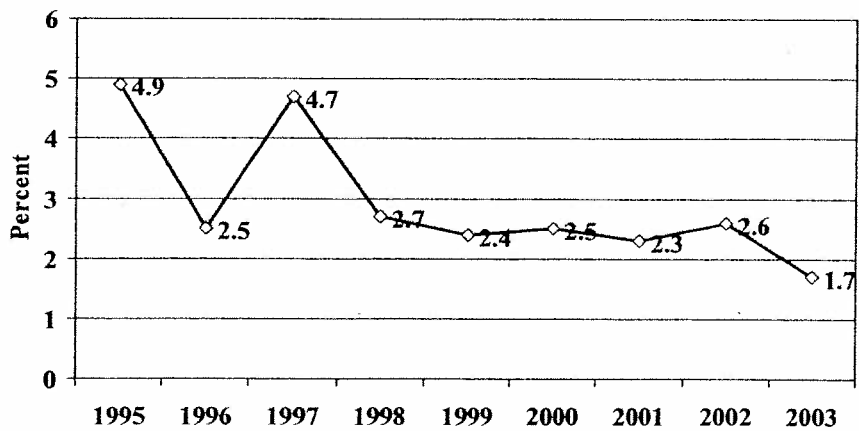
## Prevalence in Core Among Adult Deer 2002-2004



## Prevalence In Core Area



## TB Prevalence in MI Core Area



Source: Graham Hickling, MSU

## **2005 Western DEZ Population Estimate**

~28 deer/mi<sup>2</sup> of deer habitat

~17 deer/mi<sup>2</sup> of gross area

## **Core Area Population Estimates**

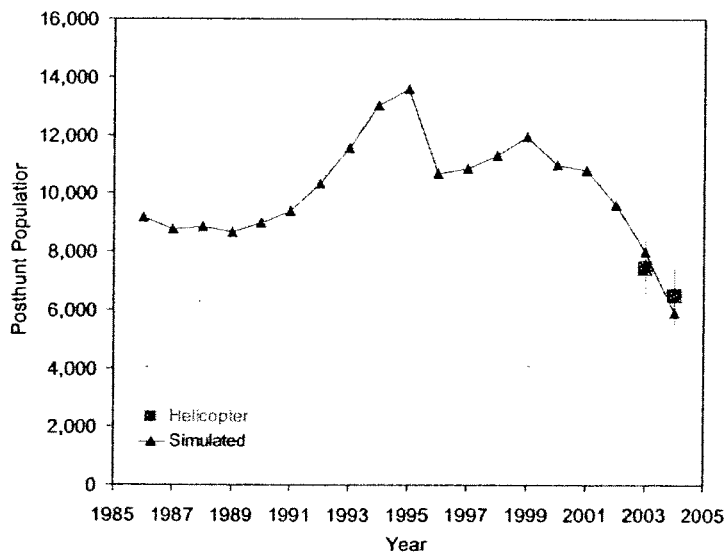
- in 2003 ~ 35 deer/mi<sup>2</sup> of deer habitat
- in 2004 ~ 28 deer/mi<sup>2</sup> -19%
- in 2005 ~ 23 deer/mi<sup>2</sup> -20%

# DMU 70A

## Population Estimates

- in 2004 ~ 34 deer/mi<sup>2</sup> deer habitat
- in 2005 ~ 30 deer/mi<sup>2</sup> -13%

### Simulated Population Trend 70A



## **2005 Eastern DEZ Population Estimate**

**~50 deer/mi<sup>2</sup> of deer habitat**

**~8 deer/mi<sup>2</sup> of total land area**

## **CWD Research in Wisconsin**

**34 different projects**



- Deer Population Ecology
- Disease Dynamics
- Hunter Behavior - Economics
- Genetics
- Deer Population Size Monitoring
- Related Studies

# Three Challenging Issues

## Disposal

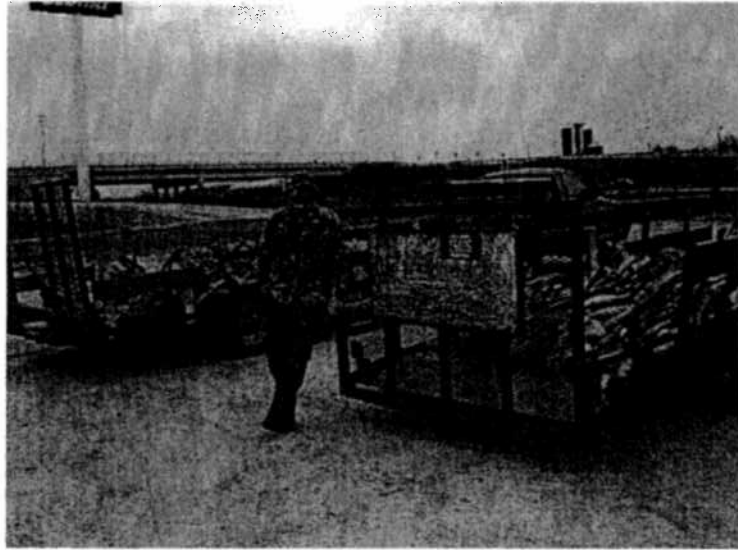
Disposal costs are significant and could be reduced if we could landfill untested carcasses and waste.

Costs:

- 02 - \$1 million
- 03 - \$500 K
- 04 - \$500 K



## Over 2250 Pantry Deer from DEZ

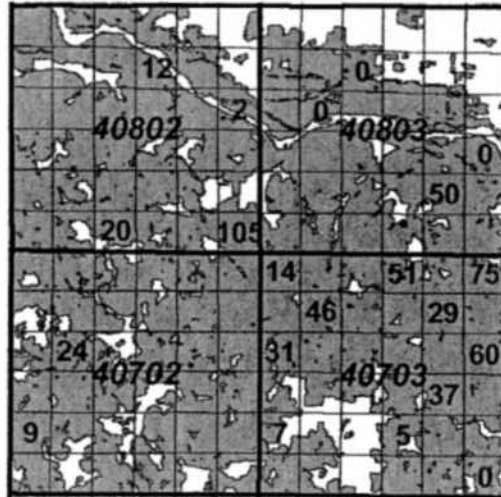


Just how hard will a deer hunter  
work?





## Refuges



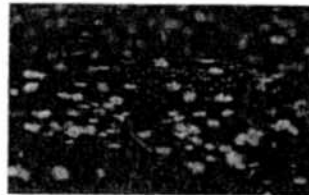
## What Do People Think?

- Statewide surveys continue to show 70-80% of WI hunters surveyed think CWD should be eliminated from wild deer herd
- But that doesn't mean 70-80% are in lock step with how we are going about it. We have to continue to learn and adapt.

## Why It's Important To Keep At It

- No scientific evidence that CWD will burn itself out if left alone.
- Virtually all white-tailed deer in Wisconsin are genetically susceptible to CWD.
- A simulation model suggests that if left unmanaged over the next 10-30 years, CWD will spread widely throughout WI and prevalence will increase to more than 40% of adult deer.
- Surveys of deer hunters suggest that nearly half would stop hunting if prevalence increases to 50%.

## Goal: A Healthy Deer Herd



## **Keys to Success**

- Hunters and landowners
- Captive cervid producers
- Cooperation among sister agencies
- Adequate human and financial resources
- Long term commitment
- Aggressive effort now to contain spread, reduce prevalence, and shorten time required to eradicate the disease

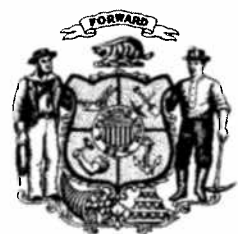
## **The Big Picture**

**July 12-14, 2005**

**CWD Symposium in Madison**



# WISCONSIN STATE LEGISLATURE



# CWD Zones Hunting Rules 2005



Objective: reduce disease transmission and spread by reducing deer herd to 5 per square mile in DEZ and 10 per square mile in HRZ

Philosophy: CWD control more important than short-term recreational issues

## Summary of Hearing Input

- 235 attended
- 53 spoke - mostly in opposition
- hearing slips
  - 14 support
  - 30 oppose
  - 31 as interest may appear
- gun season and EAB

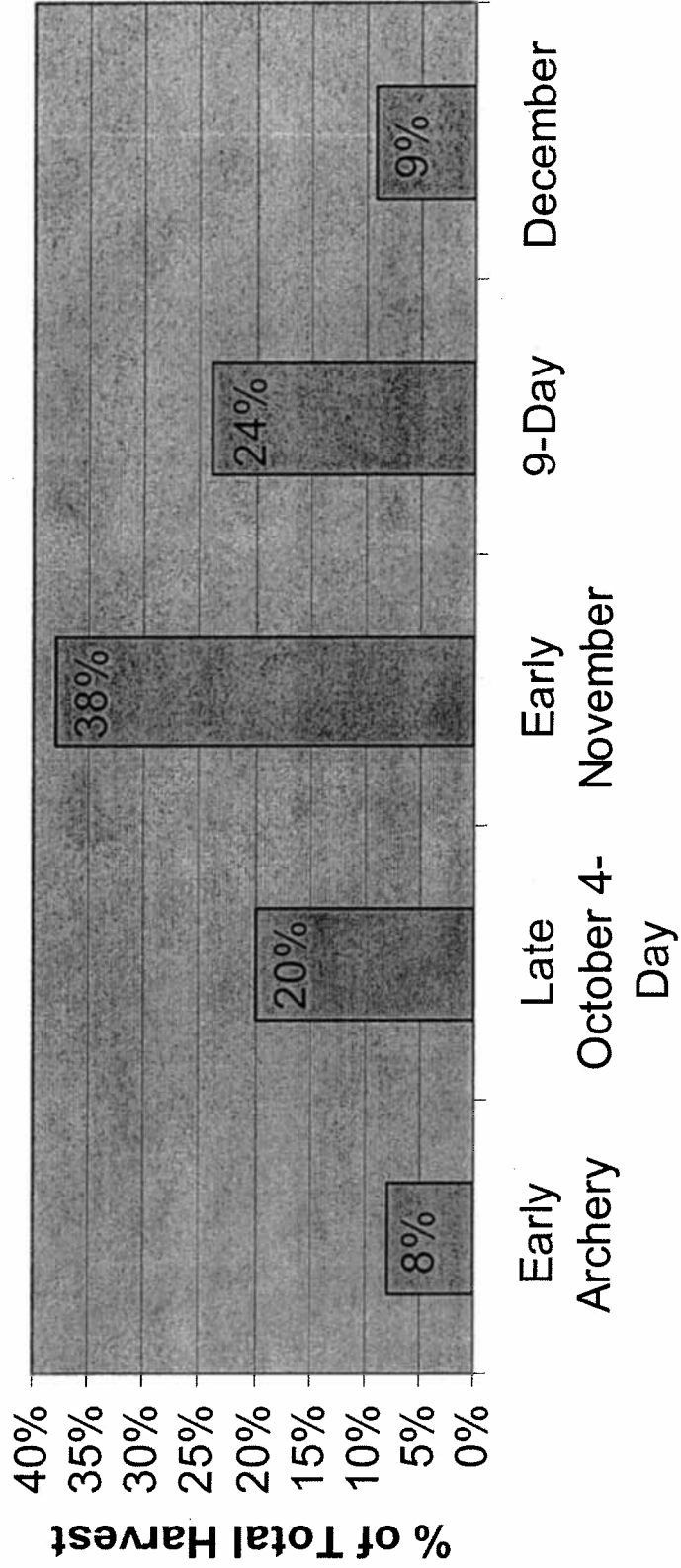
# Public Comments Gun Season Dates



- return to traditional 9-day season
- give back the rut to archers only
- lengthen split between early and late season

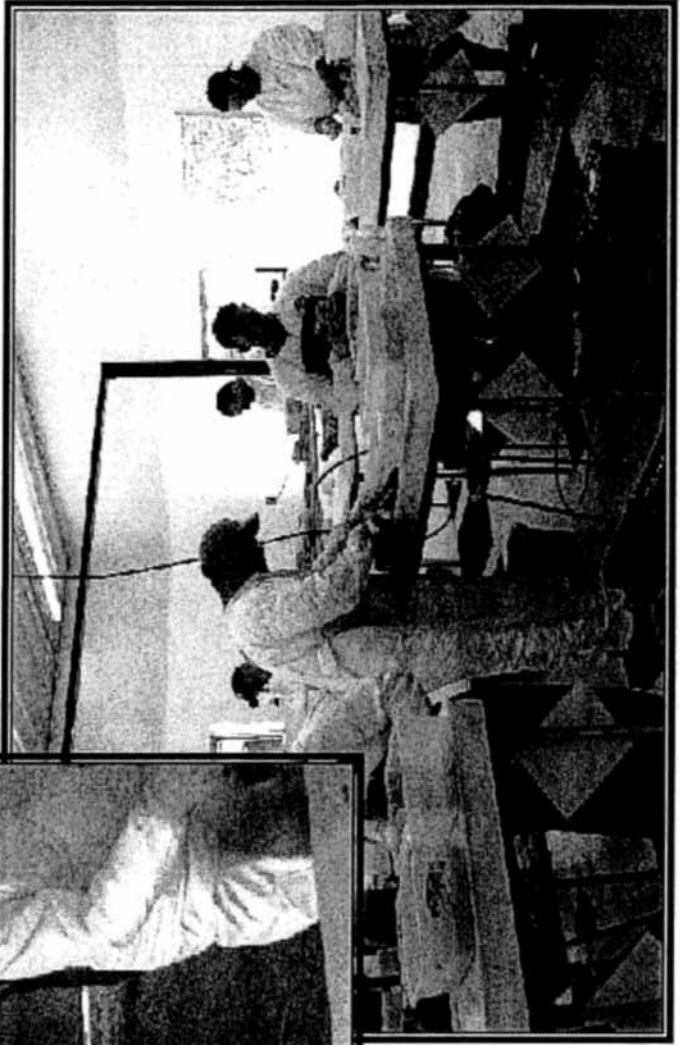
# Season Issue: Harvest % by Hunting Period

2004 WDEZ Zone Harvest - Percentage by Season





# Season Issue: Sampling Demand



# Public Comments

## Earn-a-Buck Regulation

- let us kill the deer
- don't force me to shoot  
a doe
- don't make me pass on  
a buck
- early EAB season  
unfair to archers



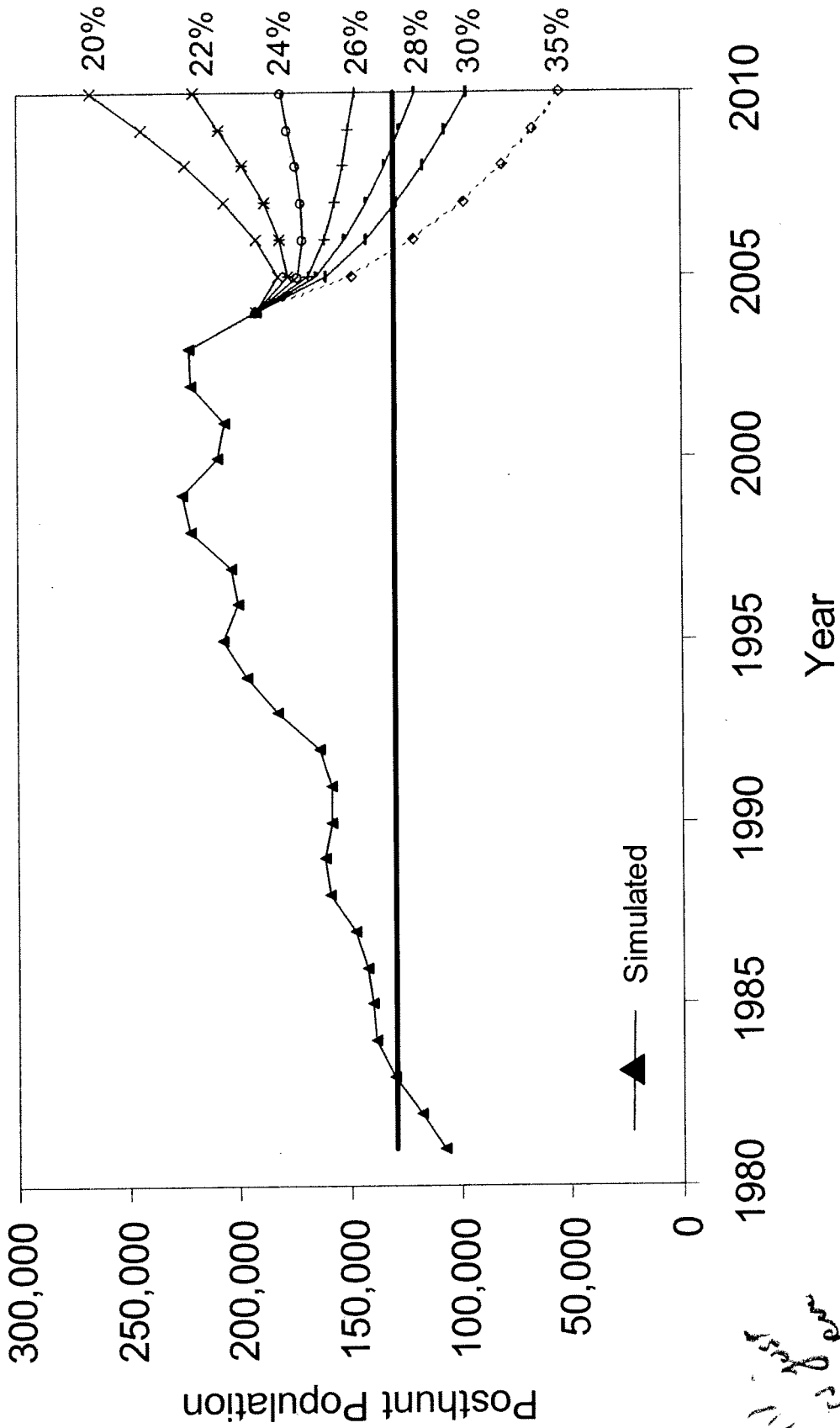
# CWD Zones Different from Rest of State

- not just socio-economic and ecological impacts of deer
- future of CWD and deer herd in rest of state
- future of deer herd in infected area
- future of deer-related recreation
- justified use of best tools available for herd reduction and CWD management

## EAB is Working!

- 43% antlerless deer harvest rate in 2004 in 70A
- 40% herd reduction in Unit 70A
- 50% herd reduction in core area of DEZ *cut 545 deer / 10w 22*
- 80% increase in antlerless harvest rate in HRZ units
- substantial archery harvest increase in SE

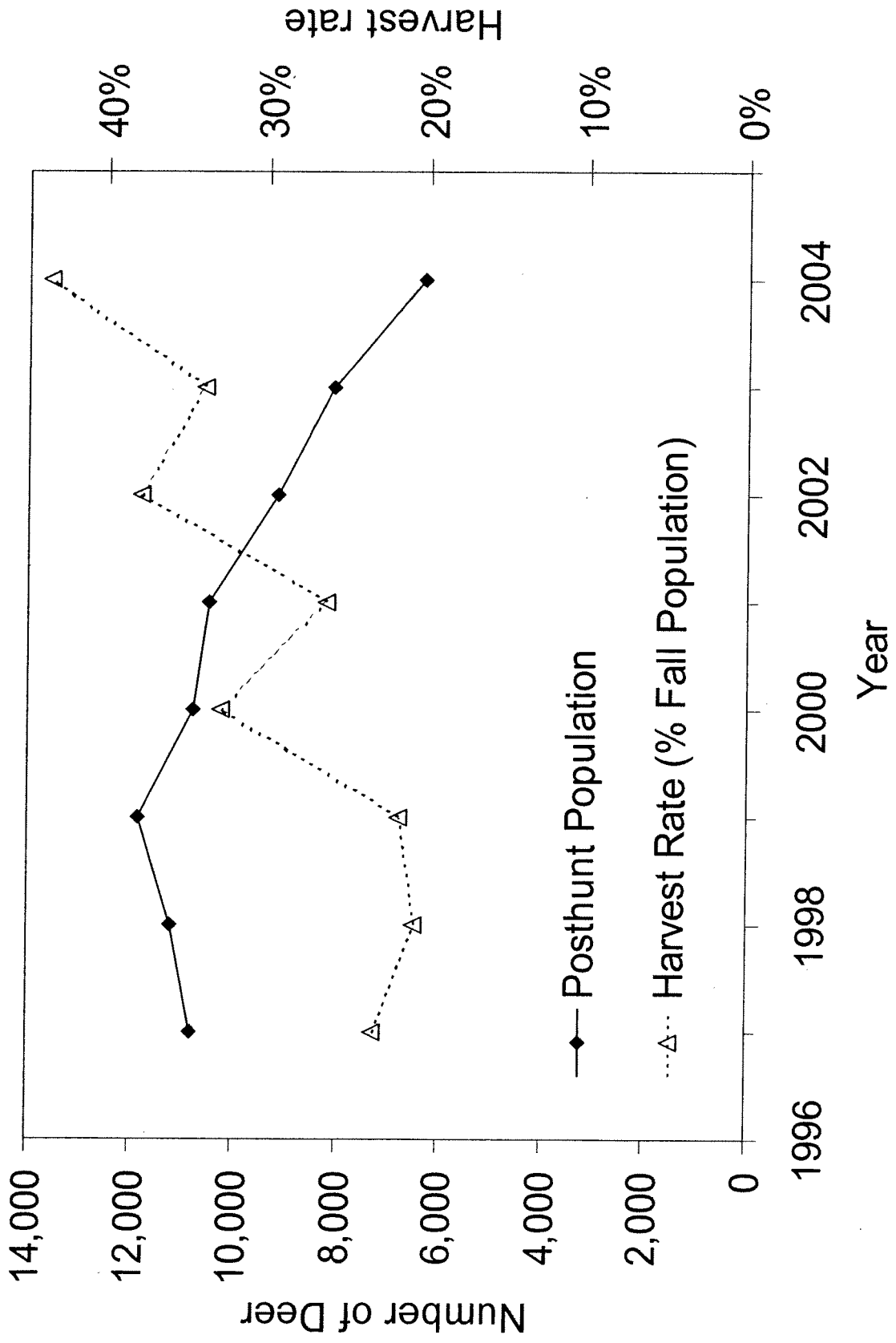
# Simulated Population Effects of Various Antlerless Harvest Rates - Eastern Farmland Deer Population



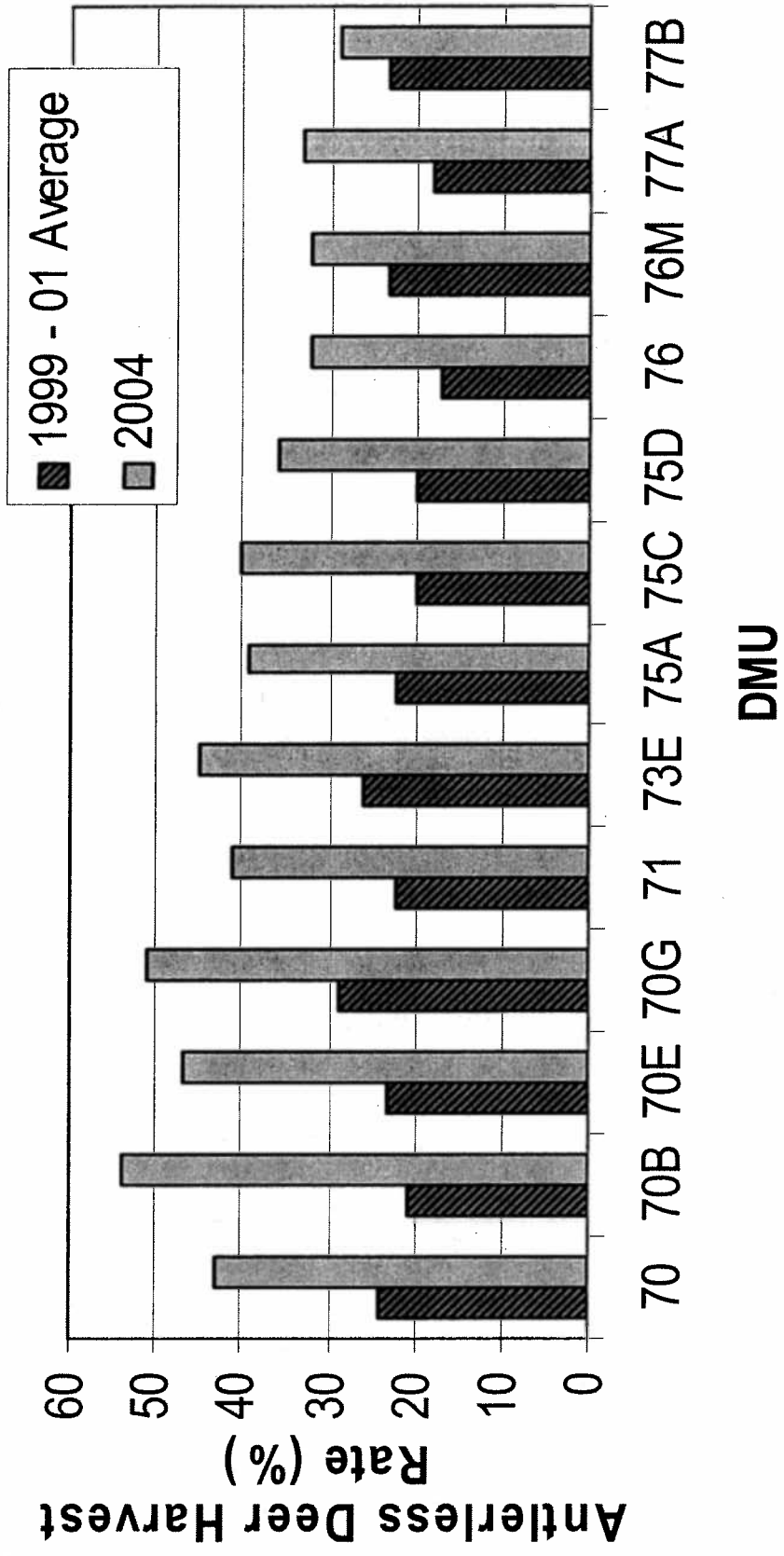
*Handwritten note:*  
 250,000  
 of keep surplus  
 250,000

# Antlerless Harvest Rates and Posthunt Population Estimates

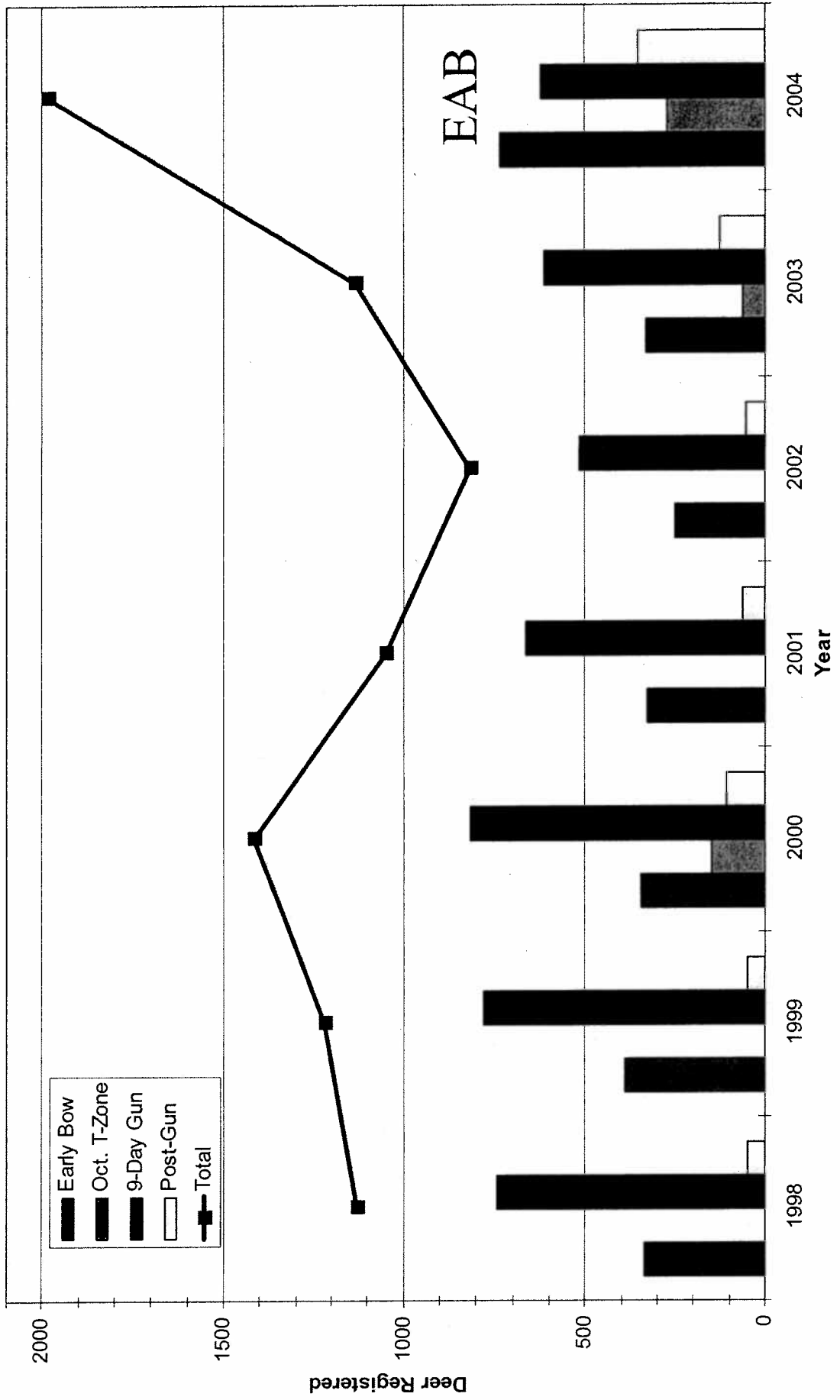
DMU 70A



# Effect of EAB in HRZ Units



# Deer Registration Walworth County 1998-2004





## Concern: Either-sex in Rut

- 60% prefer to shoot bucks
- increase buck harvest
- decrease antlerless harvest



# Comparison

## Either-Sex Approximation

- 2000 Zone T
- 3 tags/license
- 30% antlerless harvest rate
- antlerless only October
- 1 buck/license
- no gun bucks in rut
- 20-30% antlered

## Earn-a-Buck

- 2004 HRZ
- unlimited tags
- 43% antlerless harvest rate
- both sexes in October
- unlimited bucks
- gun bucks in rut
- 50% antlered

# Recommended Tagging Regulation for Hearings

- Objectives:
  - retain high doe harvest rate, and
  - retain high buck fawn harvest rate, but also
  - increase buck harvest rate, and
  - satisfy hunter preference for traditional hunt
- Solution: EAB in early season; Either Sex beginning Saturday prior to Thanksgiving
  - relatively simple
  - retains power of the buck
  - removes high number of bucks

# Conservation Congress Alternative

- Early hunt: Sept. 17 - Oct. 26 : Either Sex
- Rut hunt: Oct. 27 - Nov. 18 : Earn-a-Buck
- Late hunt: Nov. 19 - Jan. 3 : Either sex