

# **Vector-borne Disease Up-Date, 2005**

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Zoonoses/Vector-borne Disease  
Program**

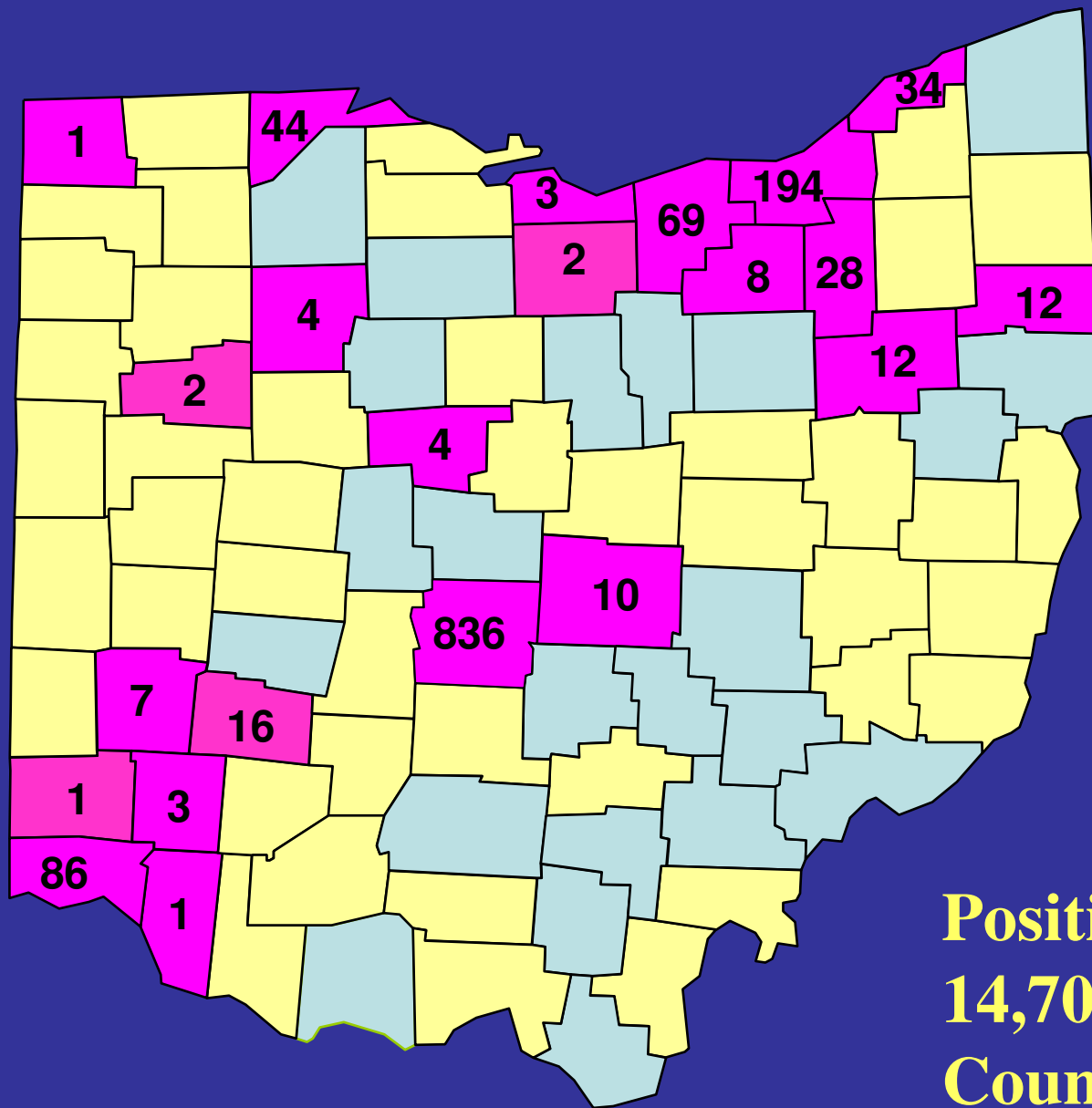
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# West Nile Virus

2005

Positive

Mosquitoes

Positives – 1373 of  
14,705 pools (9.3%)

Counties – 21

390,010 mosq. tested

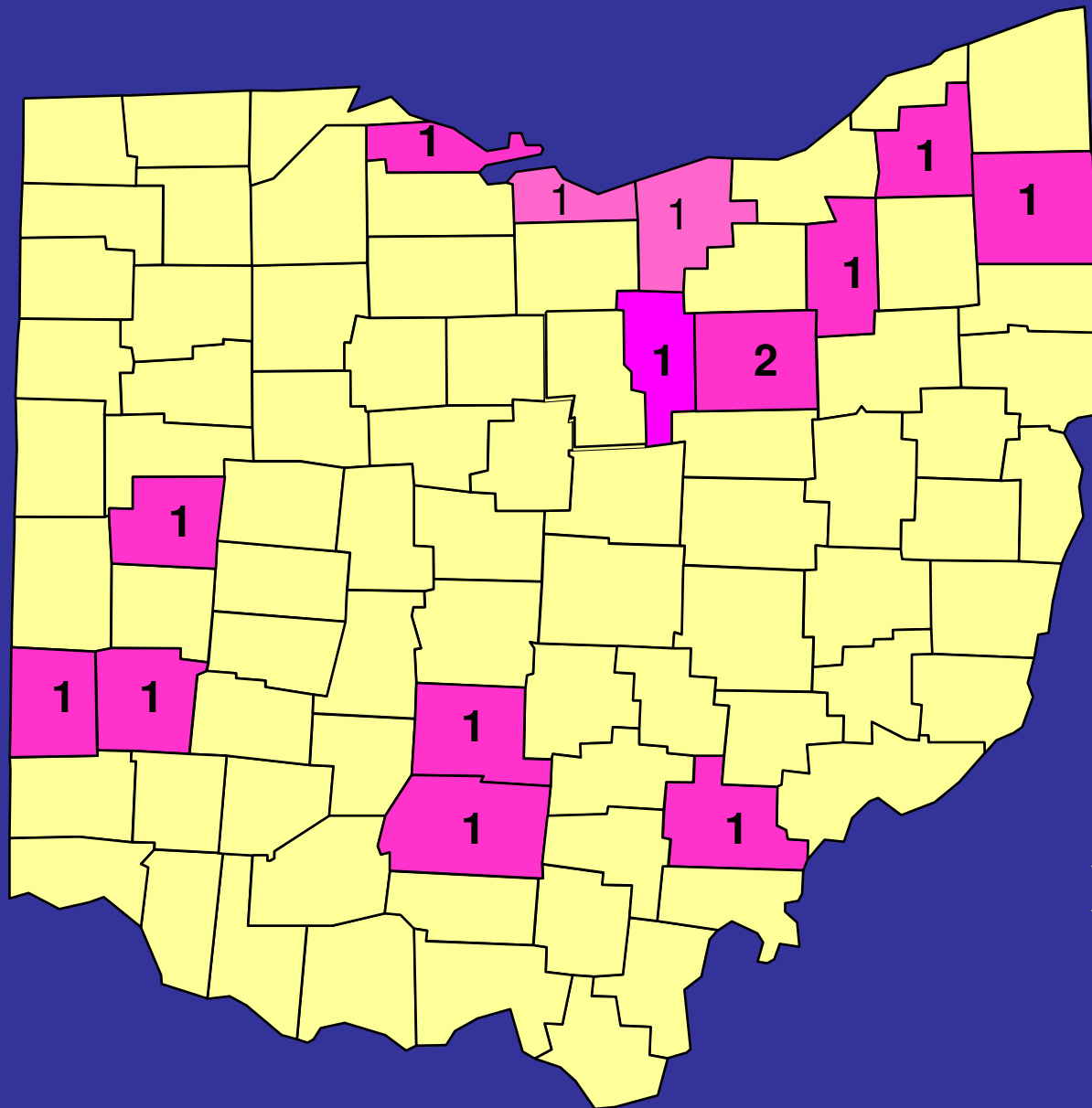
(6 positive species)

# West Nile Virus

2005

Horse Cases

Positives = 15  
of 84 tested  
Counties = 14





		2002	2003	2004	2005
Humans		441	107	11	61
Fatalities		31	6	2	2
Horses		664	106	8	15
Tested		1308	327	124	84
Birds	Dead	877	175	80	73
	Live	125	74	26	11
	% dead	<b>52.7%</b>	<b>13.8%</b>	<b>3.7%</b>	<b>7.9%</b>
Mosquitoes	Tested	185,372	469,826	403,632	390,010
	Pools	8,250	19,177	14,202	14,705
	Pos.	1,976	799	874	1,373
	%	<b>23.9%</b>	<b>4.2%</b>	<b>6.2%</b>	<b>9.3%</b>

# DISEASES

## Mosquito- borne

La Crosse

West Nile

St. Louis

Eastern Equine

Western Equine

Malaria

Dengue

## Tick-borne

RMSF

Lyme Disease

HME

HGE

## Odd Ball

African Tick Bite  
Fever

Boutonneuse

Lasa fever

Rat Bite Fever

## Miscellaneous

Hantavirus

Q-fever

Tularemia

Toxoplasmosis

Trichinosis

Brucellosis

Histoplasmosis

Psittacosis

Monkey pox

LCM

# Mosquito-borne & Other Diseases

LAC	<b>15</b> P & C of 24 reports
SLE	<b>0</b> of 17 reports
EEE	<b>0</b> of 1 report
Dengue	<b>10</b> of 20 reports
Malaria	<b>30</b> confirmed of 37 reports
WEE	<b>0</b> of 1 report
Hantavirus	<b>0</b> of 0 reports





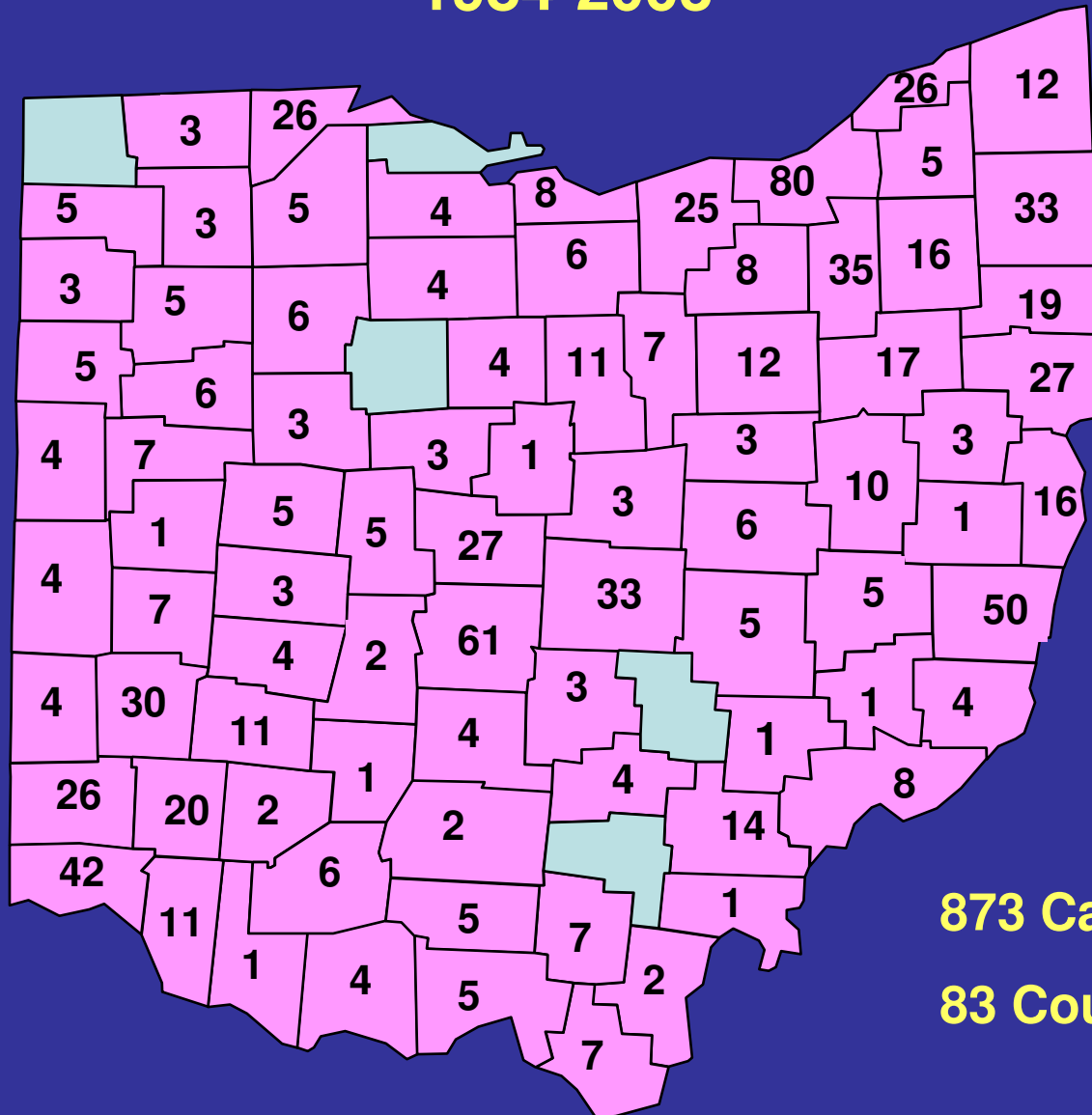
# Tick-borne Diseases

RMSF	<b>21</b> probable of 58 reports
Lyme	<b>59</b> confirmed of 175 reports
HME	<b>1</b> of 7 reports
HGE	<b>2</b> of 2 reports
CO Tick fever	<b>0</b> of 1 report
Q-Fever	<b>2</b> confirmed of 19 reports





# LYME DISEASE 1984-2003

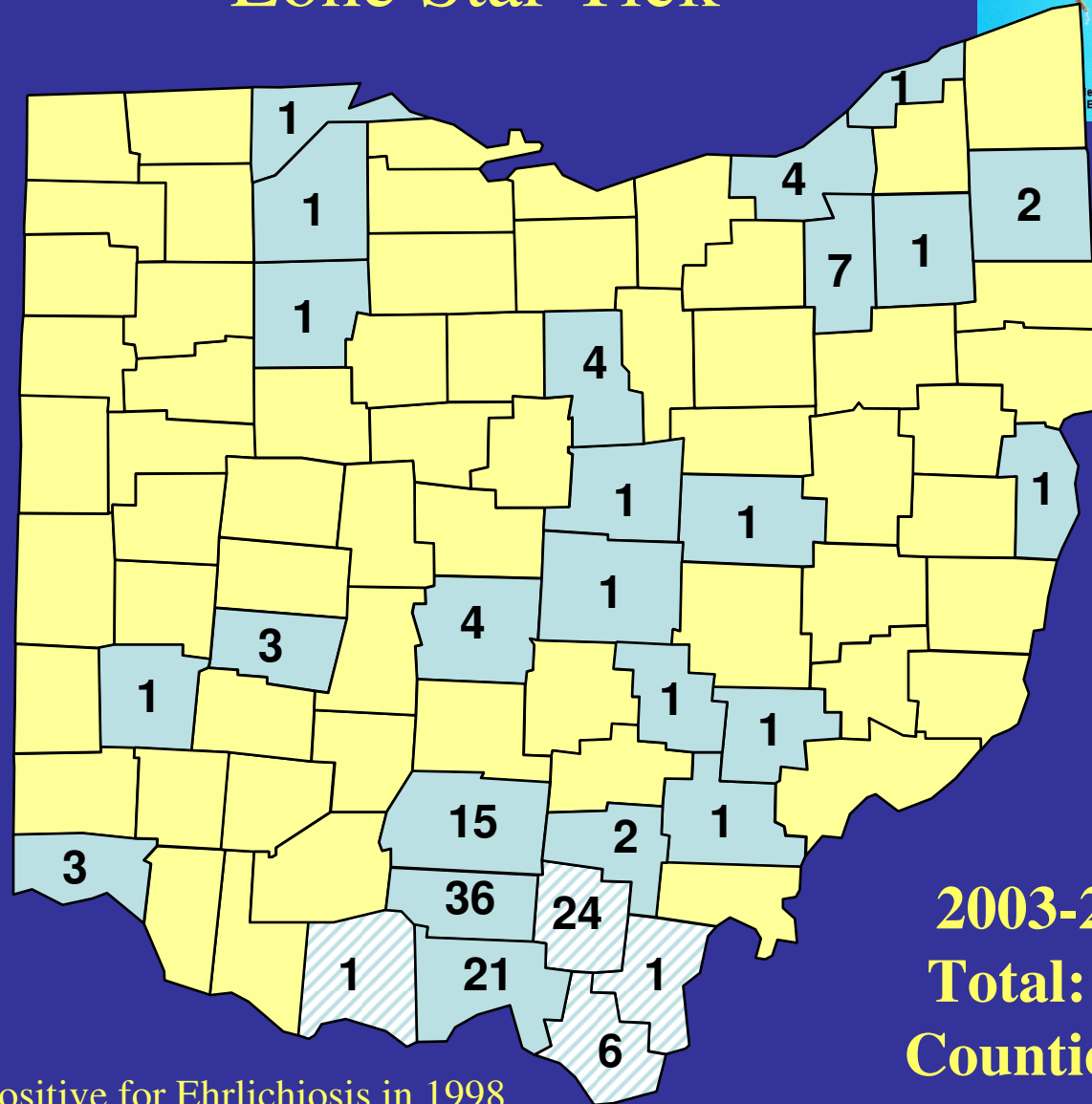


**873 Cases**

**83 Counties**



# *Amblyomma americanum* Lone Star Tick



**2003-2004**  
**Total: 148**  
**Counties: 28**

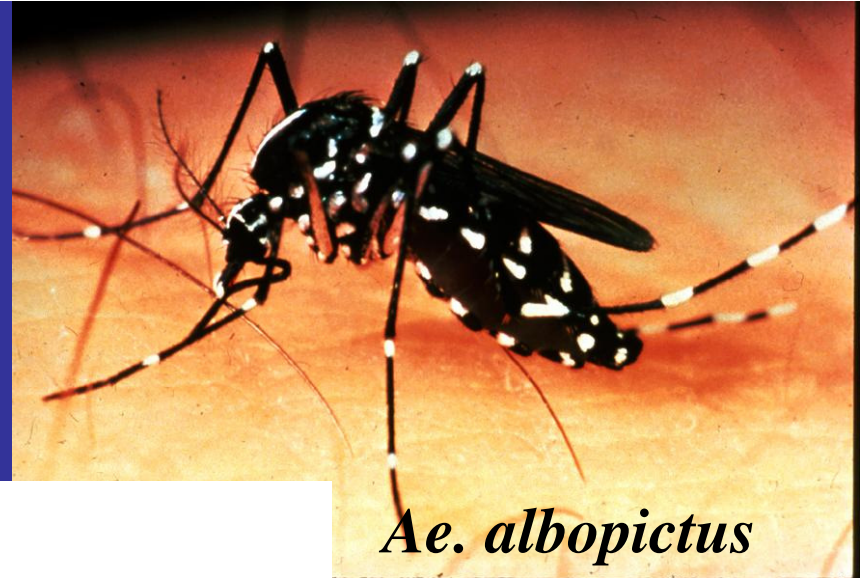
 8.3% deer positive for Ehrlichiosis in 1998

# Miscellaneous Diseases

Blastomycosis	<b>3</b> of 3 reports
Brucellosis	<b>2</b> of 13 reports
Histoplasmosis	<b>30</b> of 35 reports
Psittacosis	<b>1</b> of 4 reports
Toxoplasmosis	<b>3</b> of 3 reports
Trichinosis	<b>1</b> of 5 reports
Tularemia	<b>1</b> of 4 reports



# Invading Species

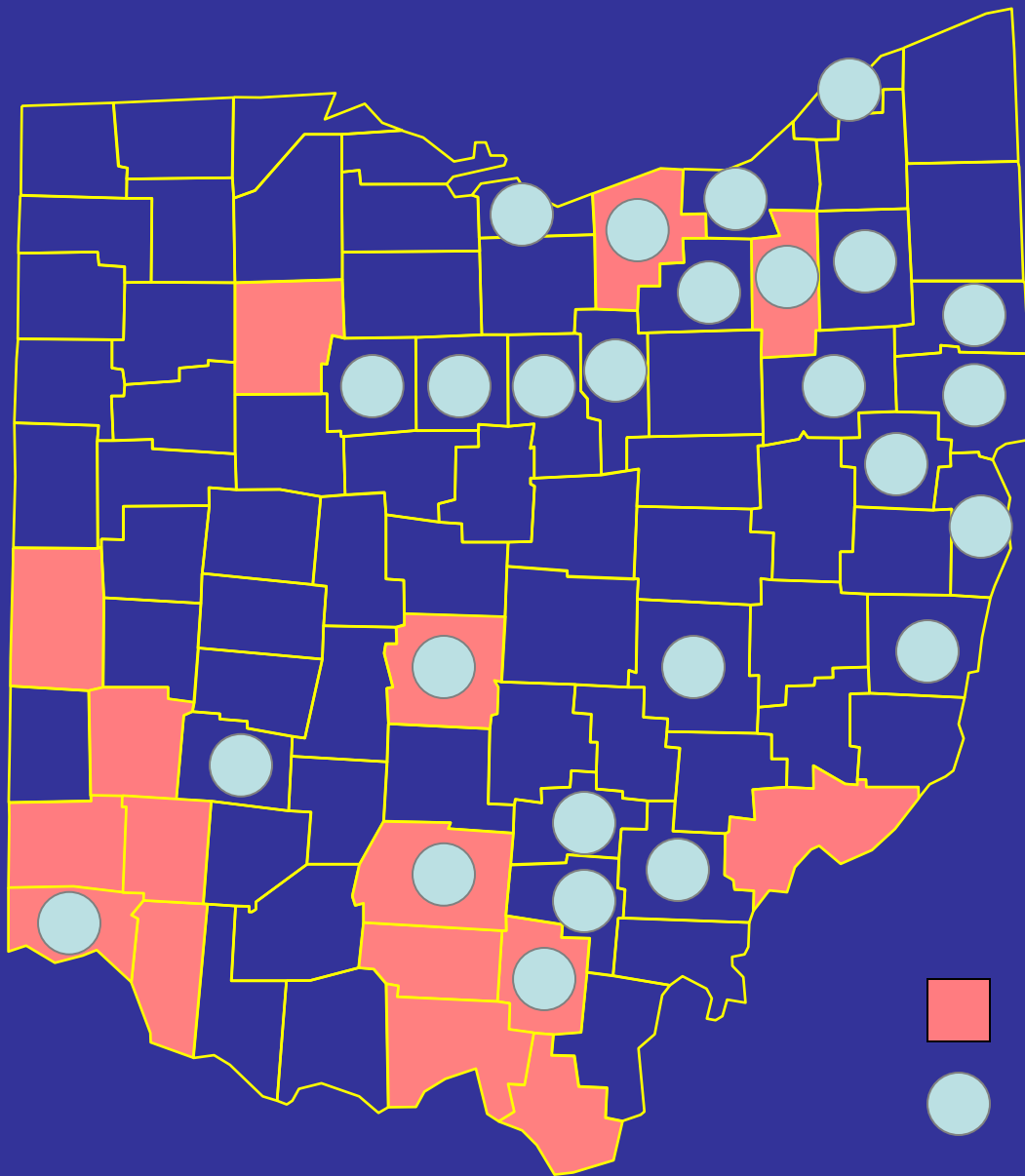


*Ae. albopictus*

the  
Asian Tiger  
Mosquito



*Oc. japonicus*



■ *Aedes albopictus*  
● *Oc. japonicus*