



# 37<sup>th</sup> National Indian Timber Symposium



## "Overcoming Obstacles in Pursuit of Sustainability"



June 10-13, 2013



Keshena, WI



Intertribal Timber Council

# Emerald Ash Borer Update



Presentation for:

Thirty-Seventh Annual  
National Indian Timber Symposium

June 13, 2013



Presented by:  
James H. Buck, Ph.D.  
USDA APHIS PPQ EAB  
Brighton, MI

## Changes at APHIS:

**Larger quarantine – Can move ash material anywhere within the contiguous quarantine area without a permit**

**Budget reduction – Doing more with less**

**Survey in 2013 – Approx. 20,000 traps to be set**

**Reduced survey for 2013 – Fewer traps than 2012 (-30,000)**

## Cooperative Emerald Ash Borer Project

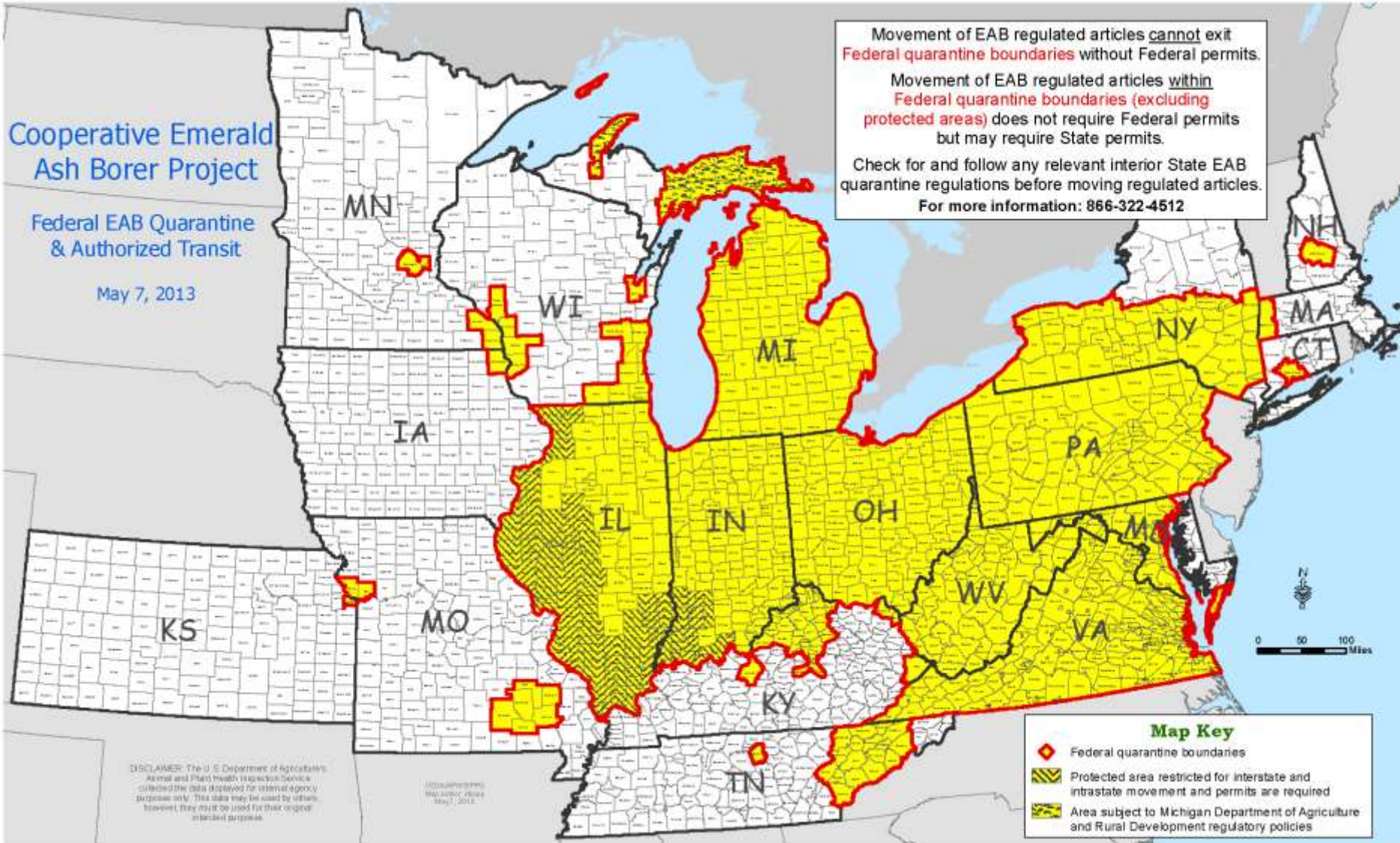
Federal EAB Quarantine  
& Authorized Transit

May 7, 2013

Movement of EAB regulated articles cannot exit  
Federal quarantine boundaries without Federal permits.

Movement of EAB regulated articles within  
Federal quarantine boundaries (excluding  
protected areas) does not require Federal permits  
but may require State permits.

Check for and follow any relevant interior State EAB  
quarantine regulations before moving regulated articles.  
For more information: 866-322-4512



**Map Key**

- Federal quarantine boundaries
- Protected area restricted for interstate and intrastate movement and permits are required
- Area subject to Michigan Department of Agriculture and Rural Development regulatory policies

DISCLAIMER: The U.S. Department of Agriculture's  
Animal and Plant Health Inspection Service  
collected the data displayed for internal agency  
purposes only. This data may be used by others,  
however, they must be used for their original  
intended purpose.

USDA/APHIS/PPQ  
Map Label: 2013  
May 7, 2013

## Changes in APHIS:

### **New Program Leadership:**

**National Field Operations Manager Joe Beckwith**  
**[Joseph.Beckwith@aphis.usda.gov](mailto:Joseph.Beckwith@aphis.usda.gov) (919-655-7345)**

**2012 APHIS issued directive for working with Tribes**

**[http://www.aphis.usda.gov/library/directives/pdf/1040\\_3.pdf](http://www.aphis.usda.gov/library/directives/pdf/1040_3.pdf)**

**Biological control of EAB is currently a priority**

**Tiny stingless parasitic wasps to control EAB**

## Annual New County Detections:

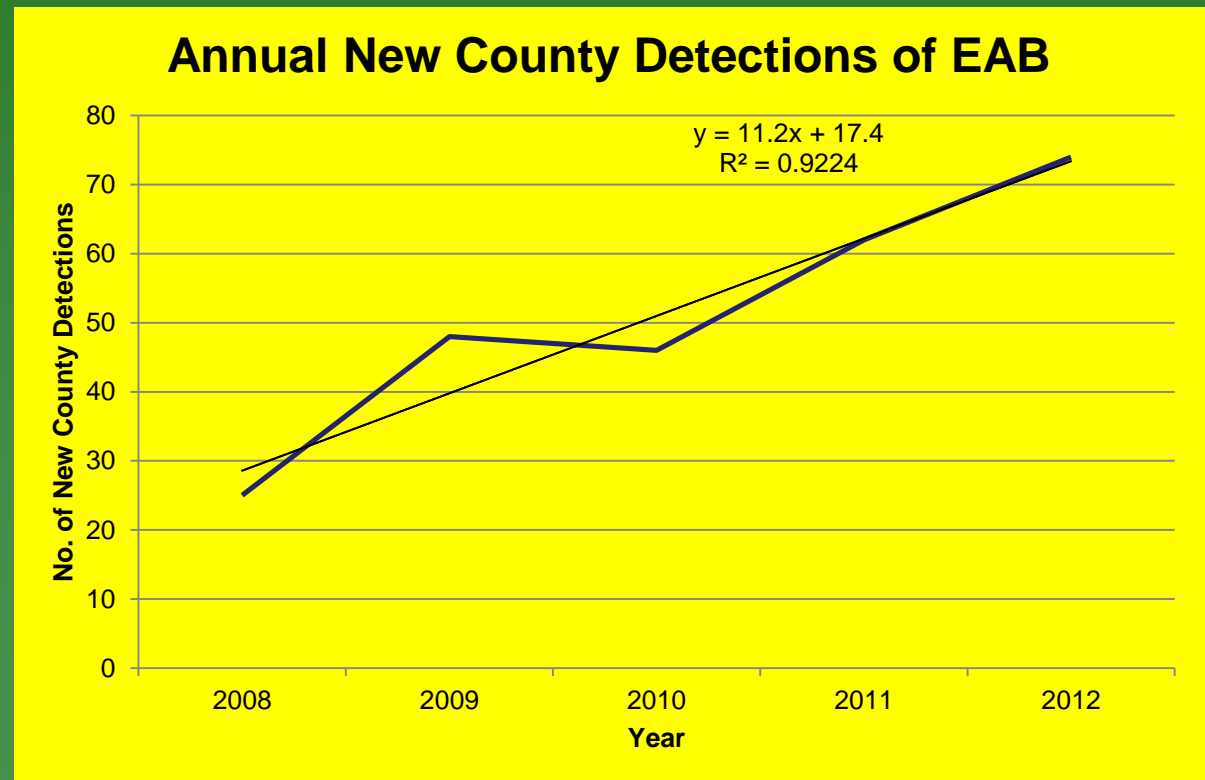
2008 – 25 (1<sup>st</sup> year for purple prism trap)

2009 – 48

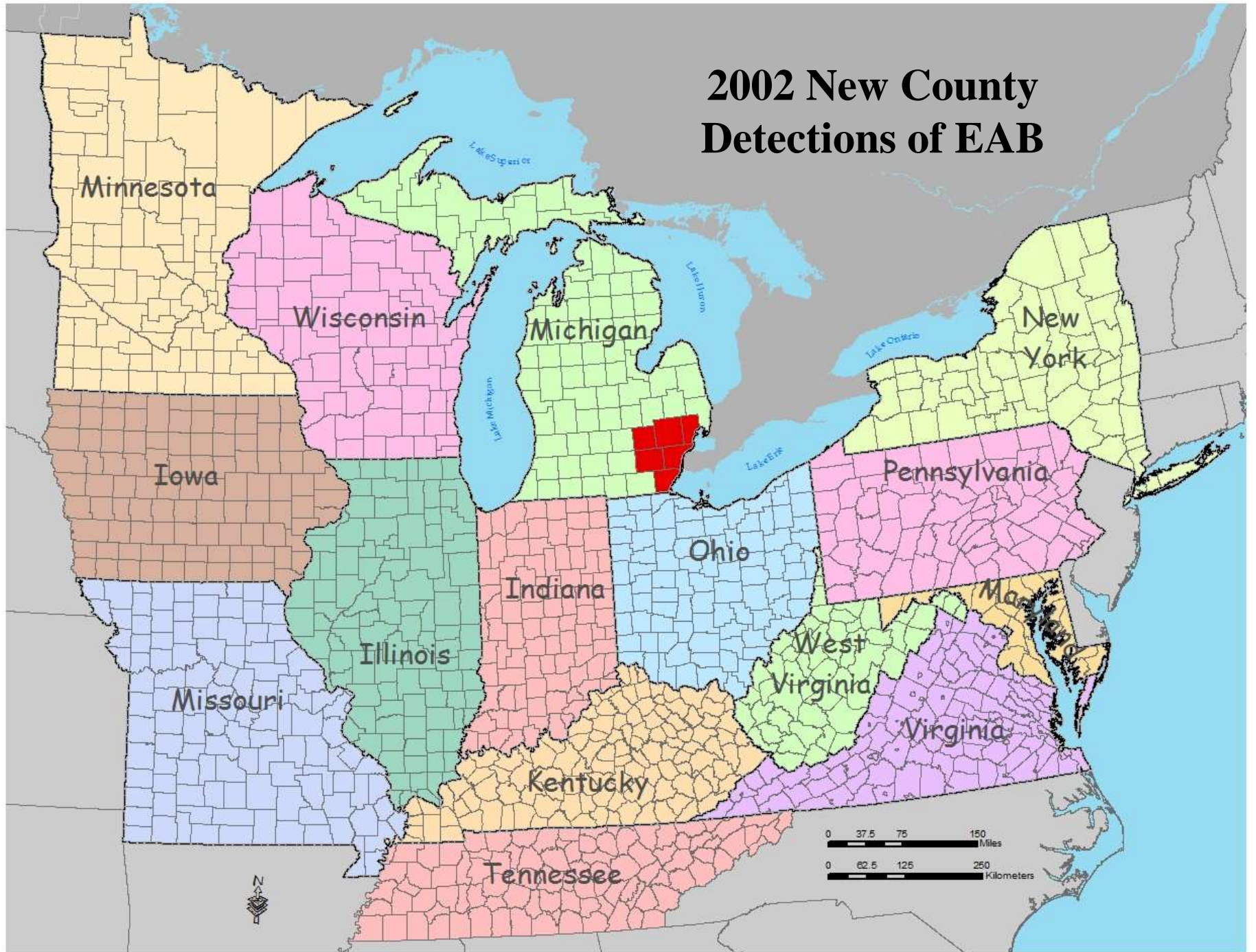
2010 – 46

2011 – 62

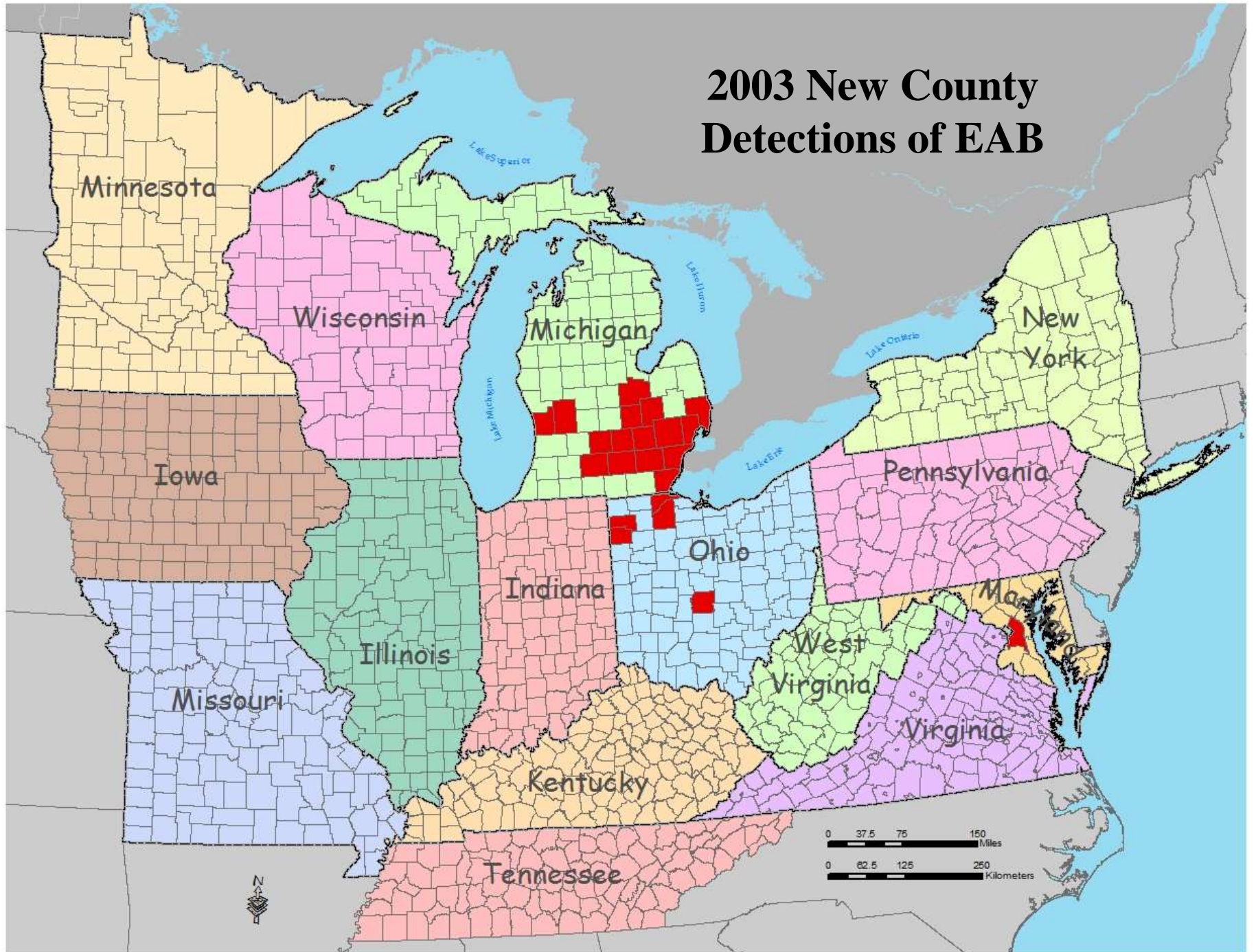
2012 – 74



# 2002 New County Detections of EAB

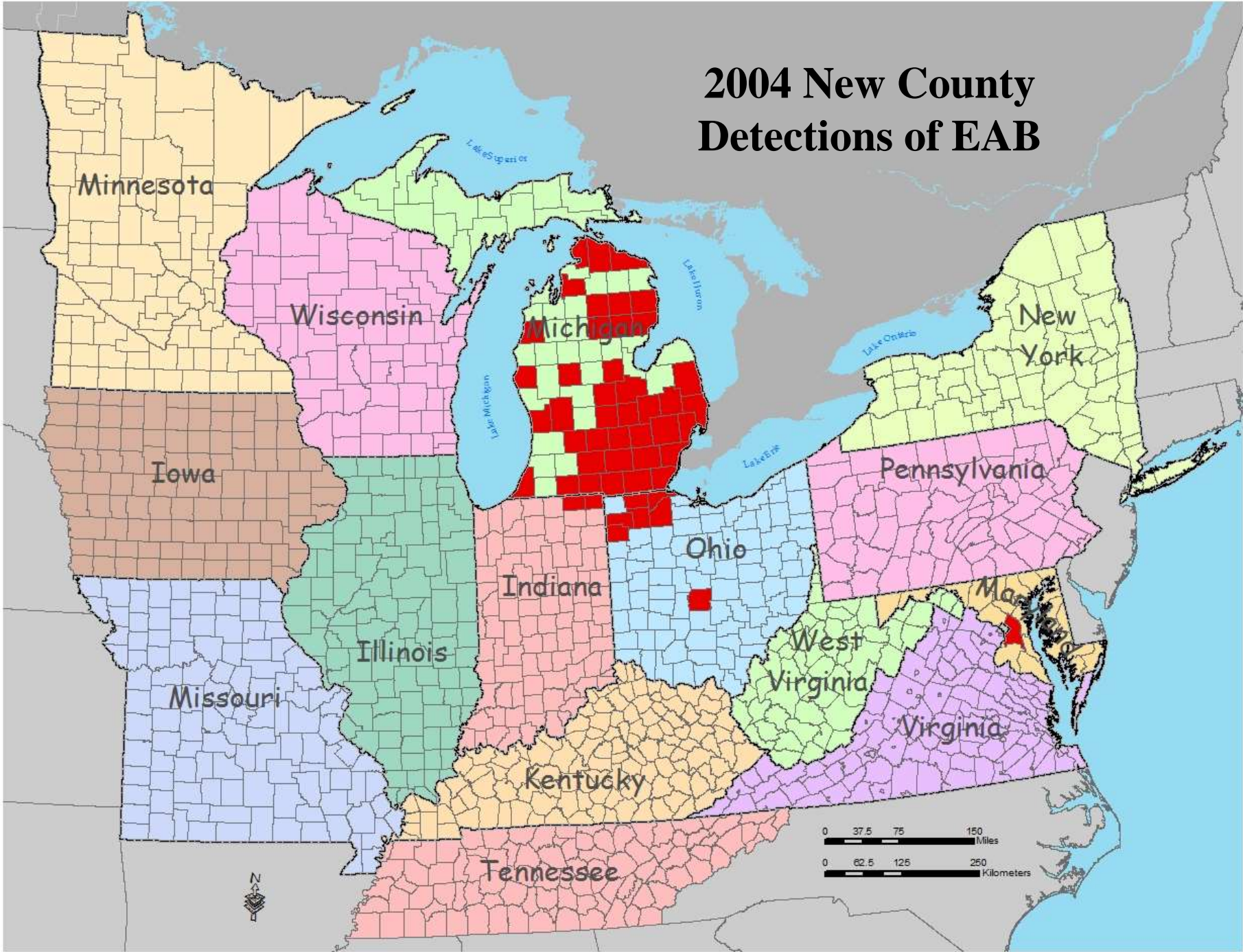


# 2003 New County Detections of EAB

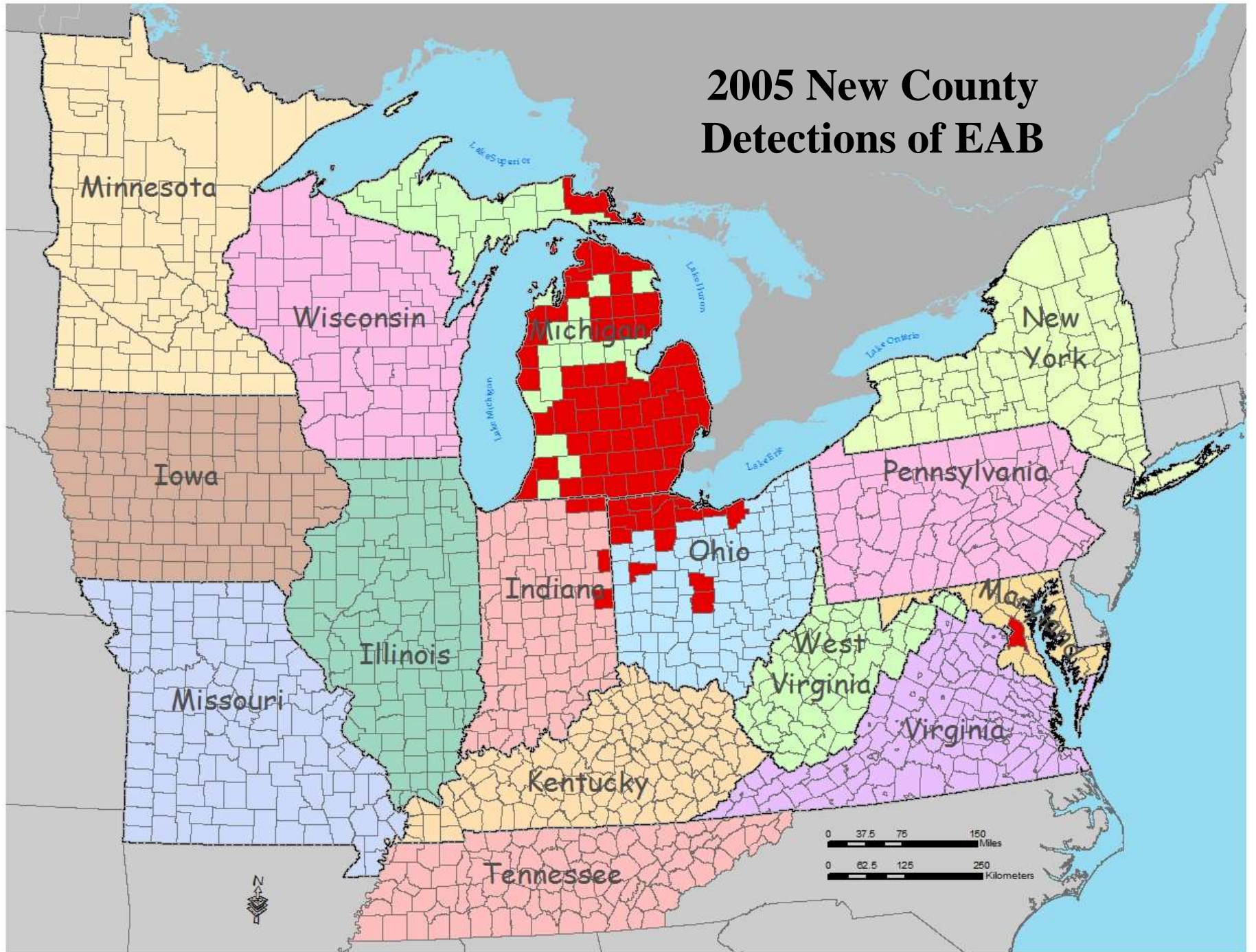




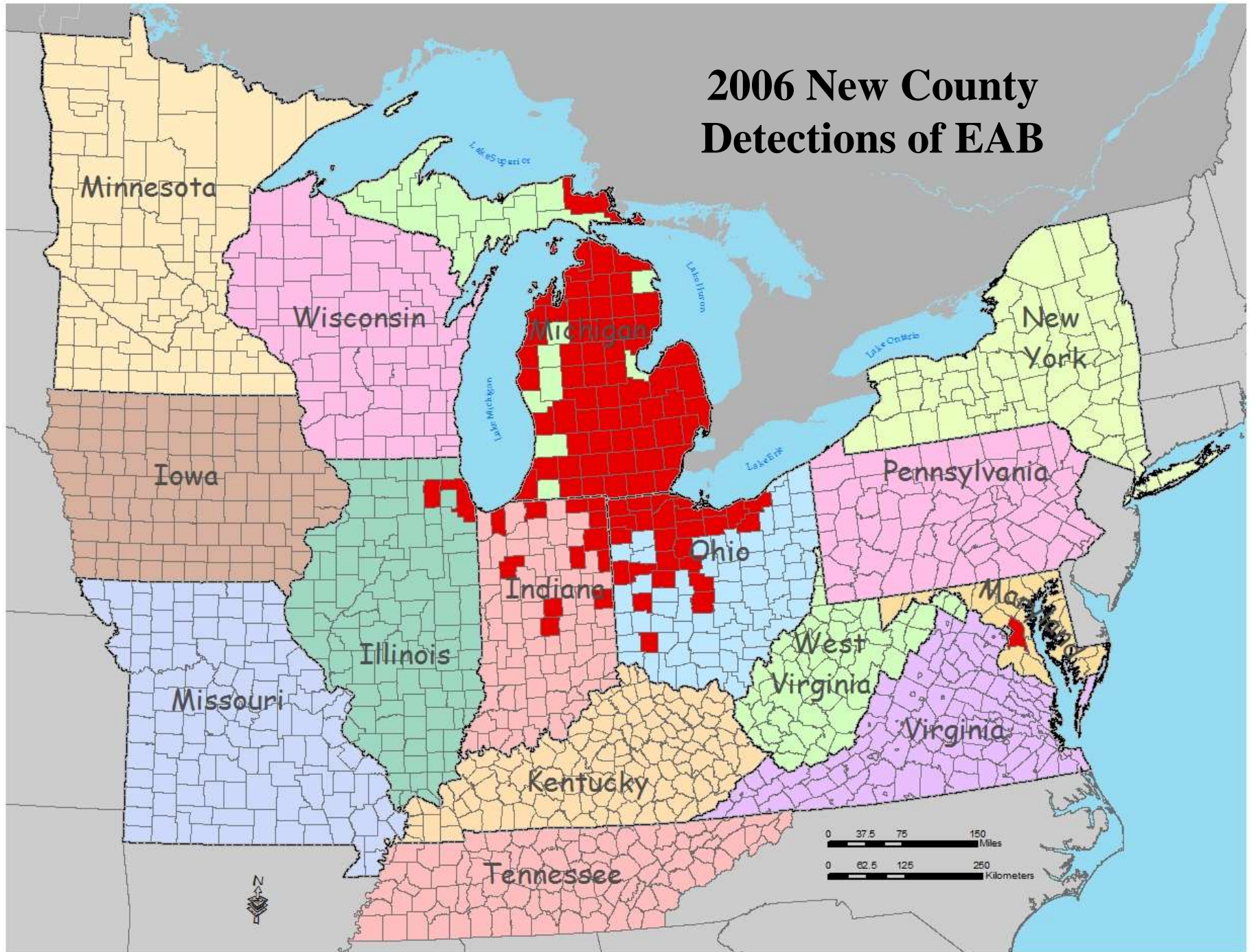
# 2004 New County Detections of EAB



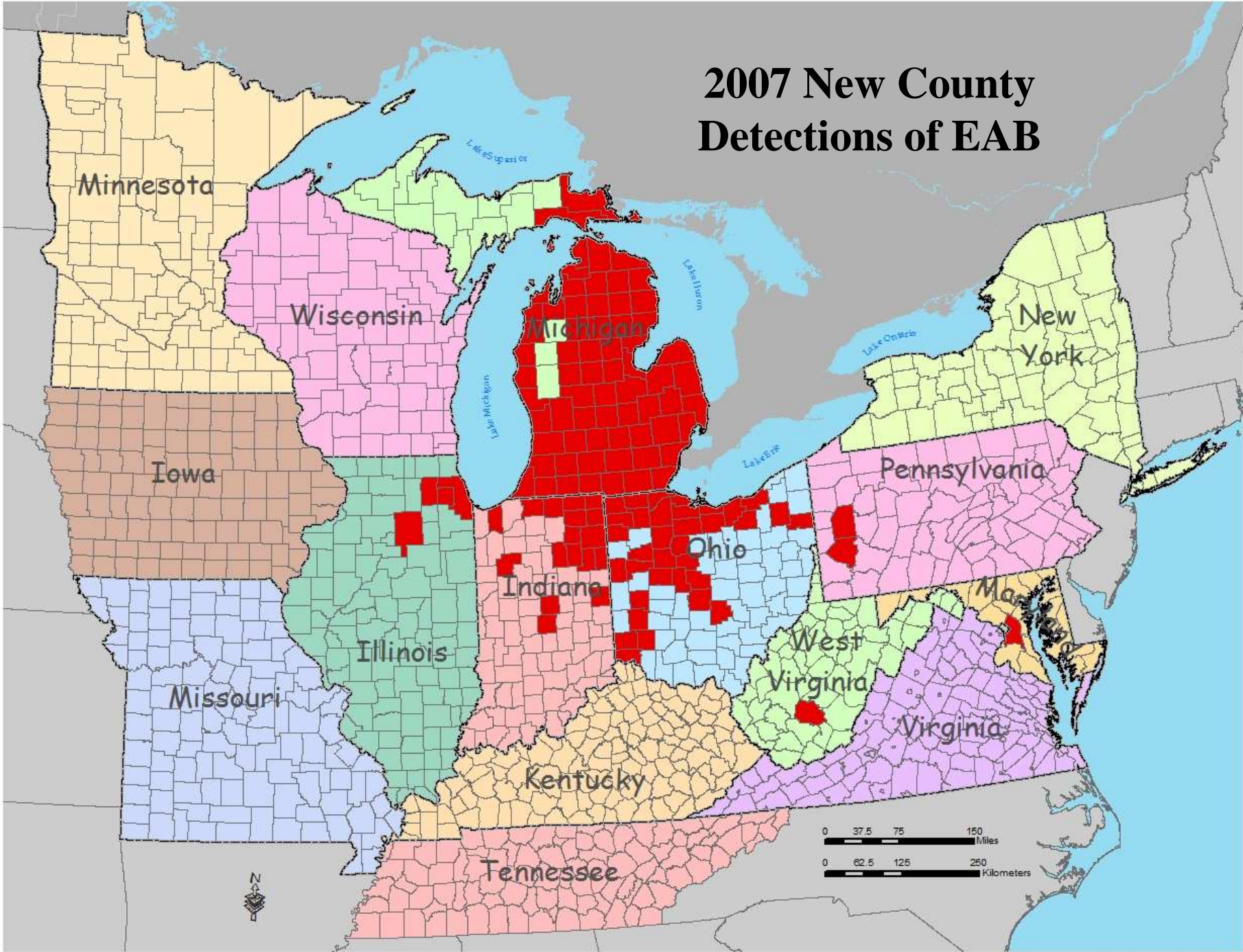
# 2005 New County Detections of EAB



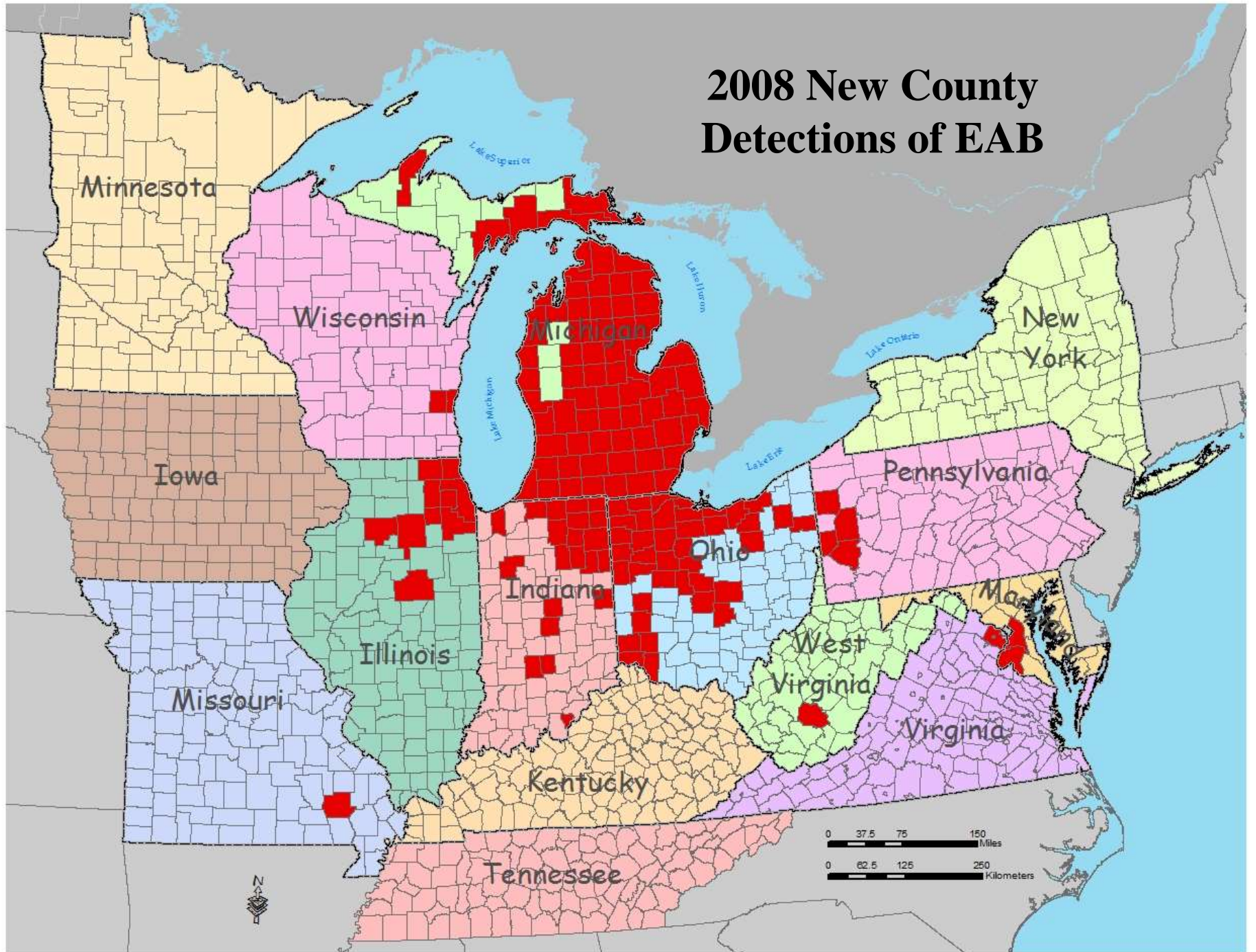
# 2006 New County Detections of EAB



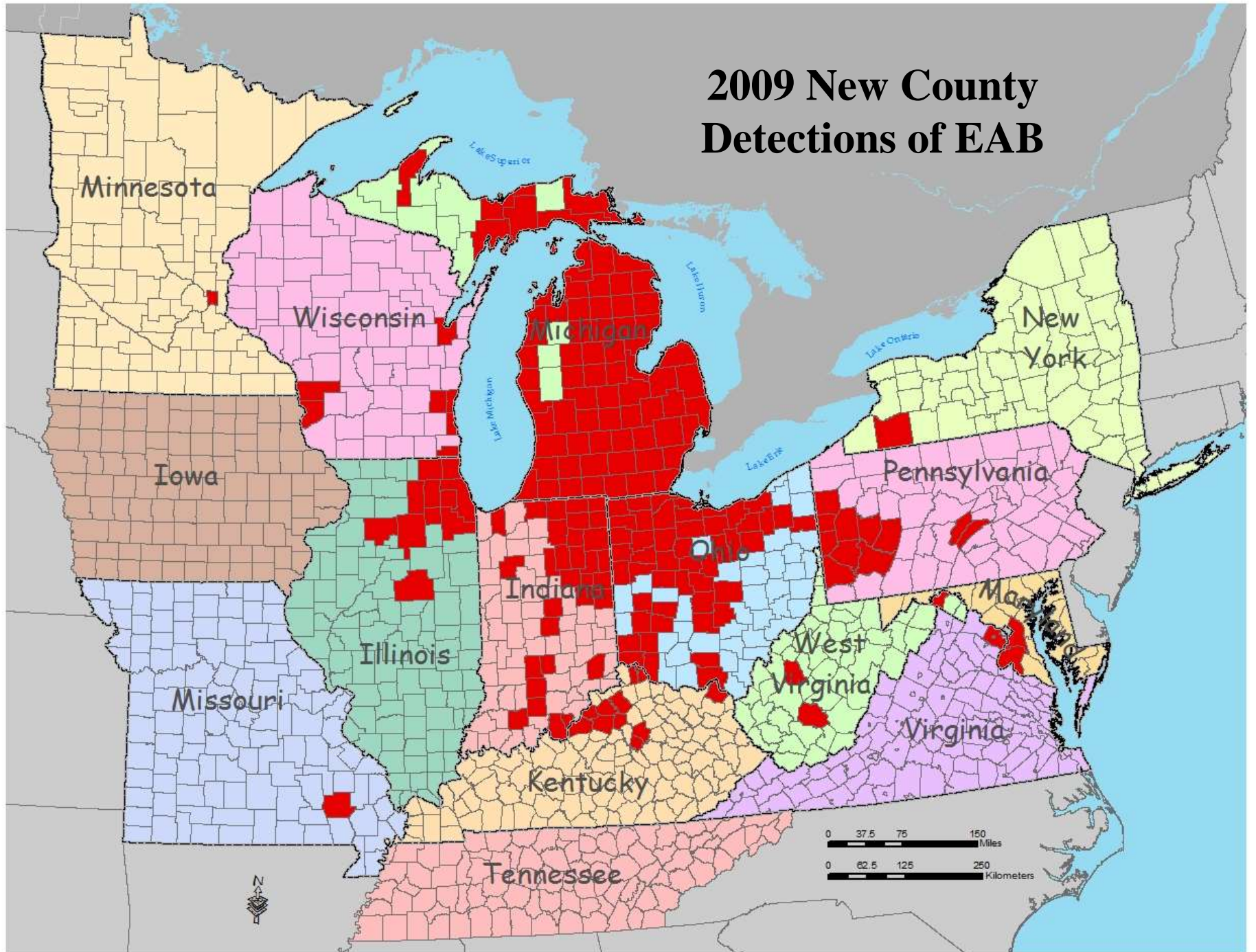
# 2007 New County Detections of EAB



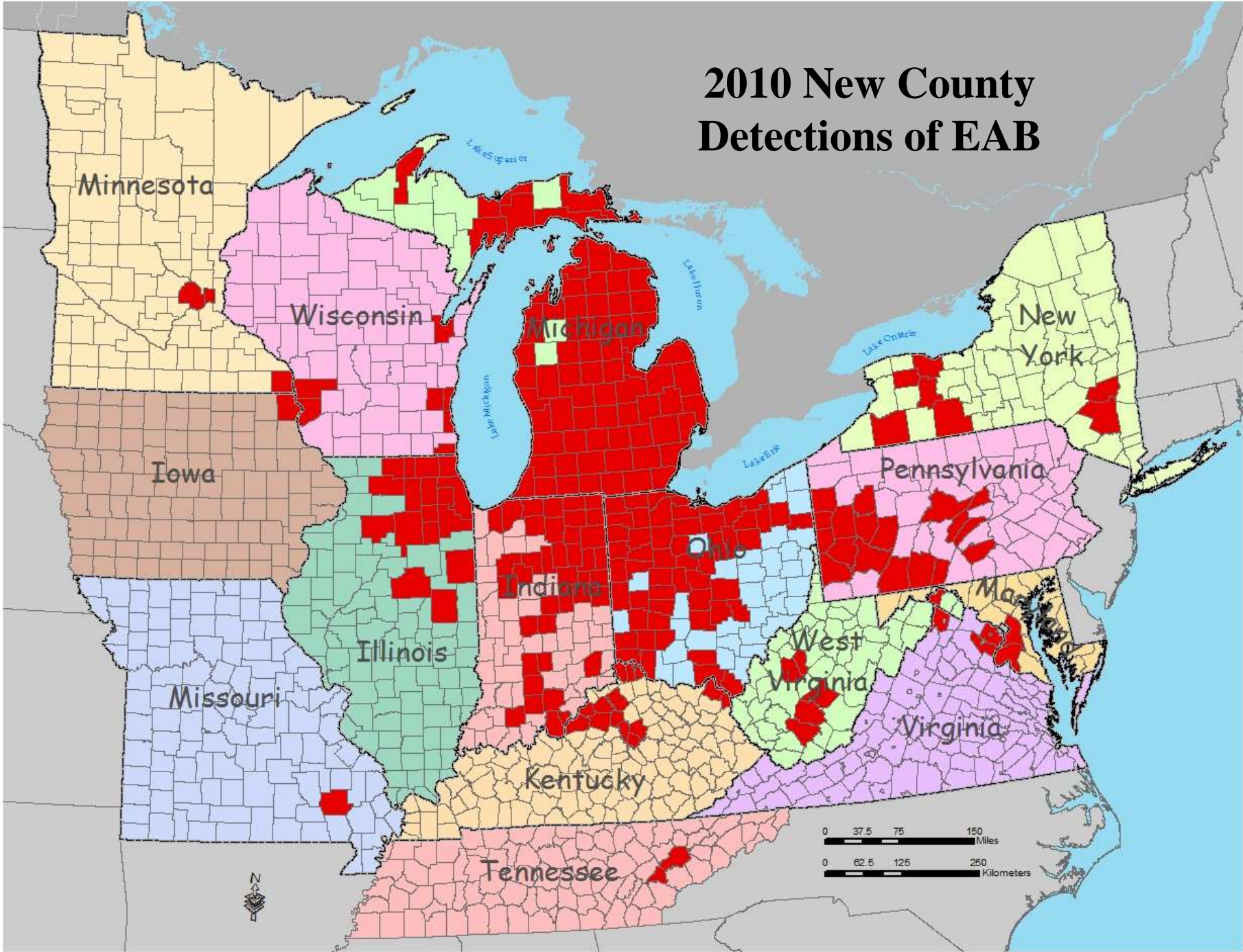
# 2008 New County Detections of EAB



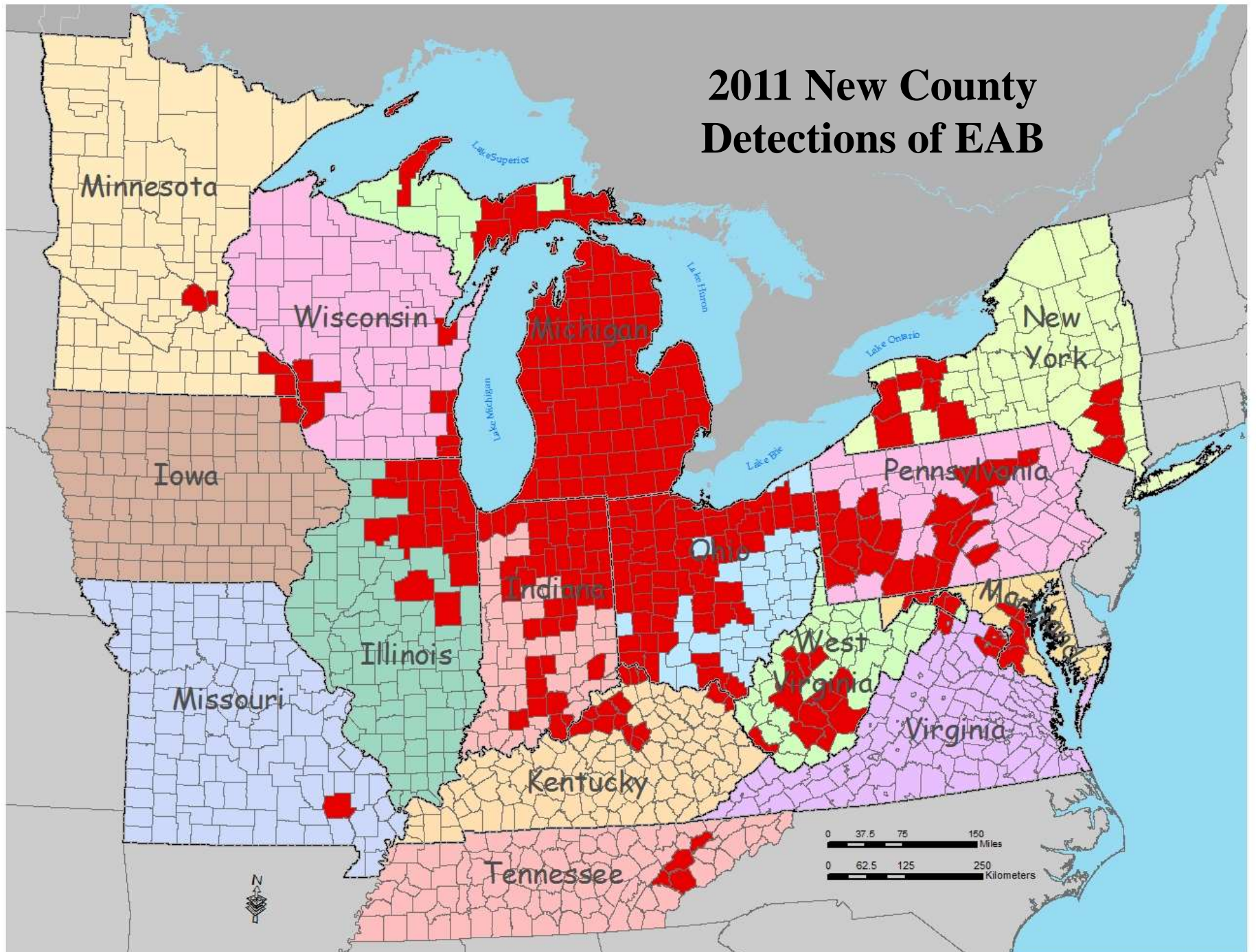
# 2009 New County Detections of EAB



# 2010 New County Detections of EAB

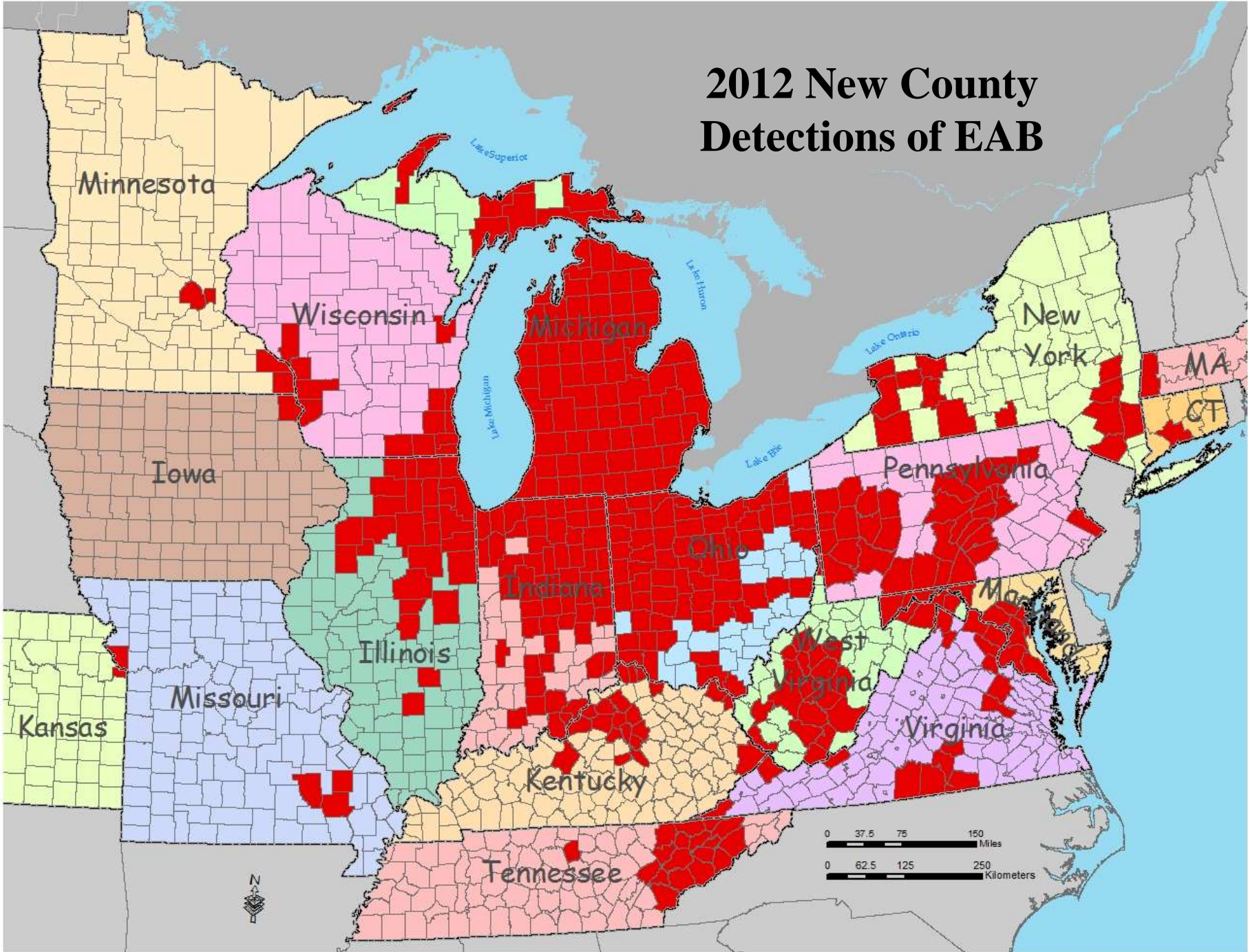


# 2011 New County Detections of EAB





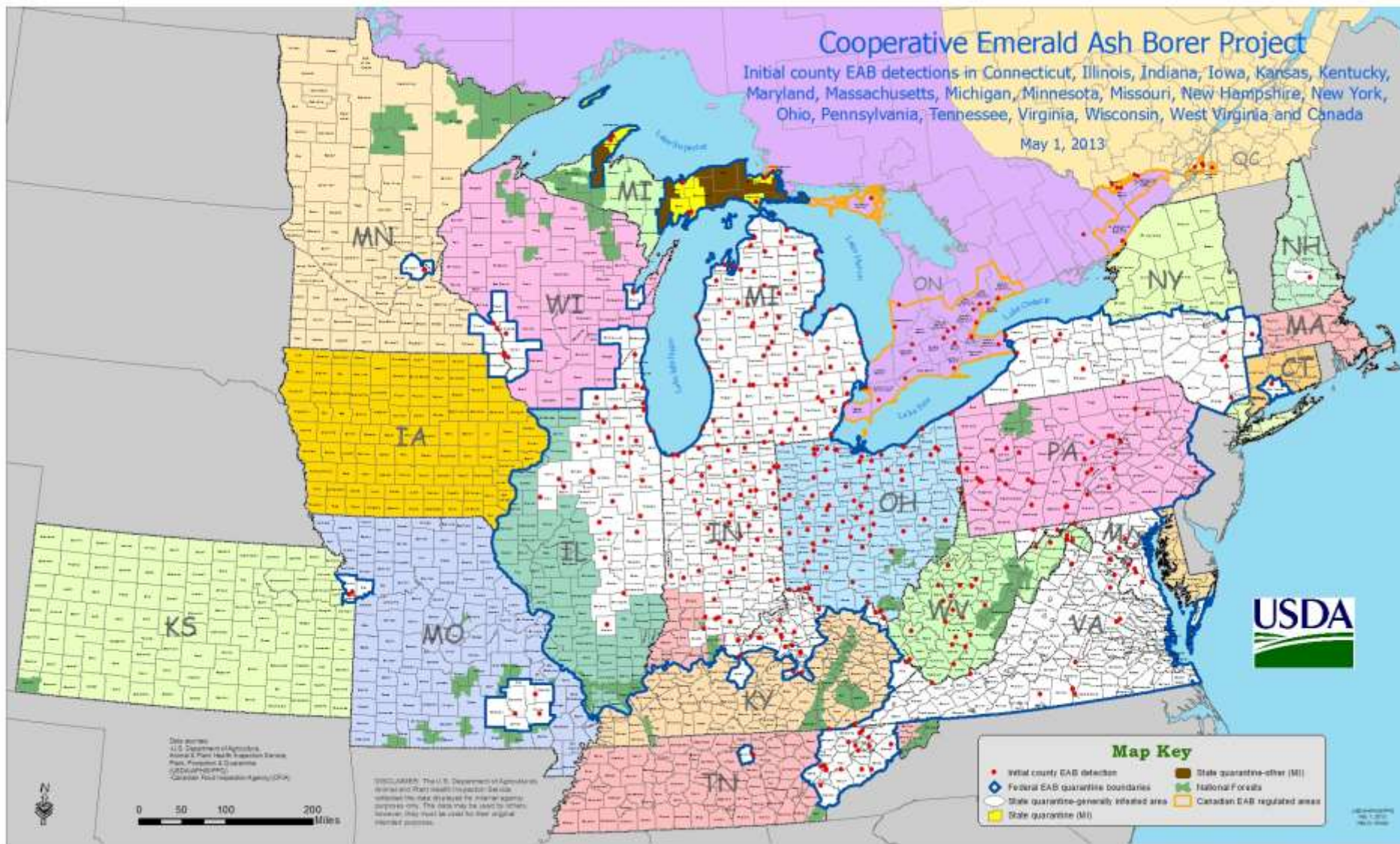
# 2012 New County Detections of EAB



## Cooperative Emerald Ash Borer Project

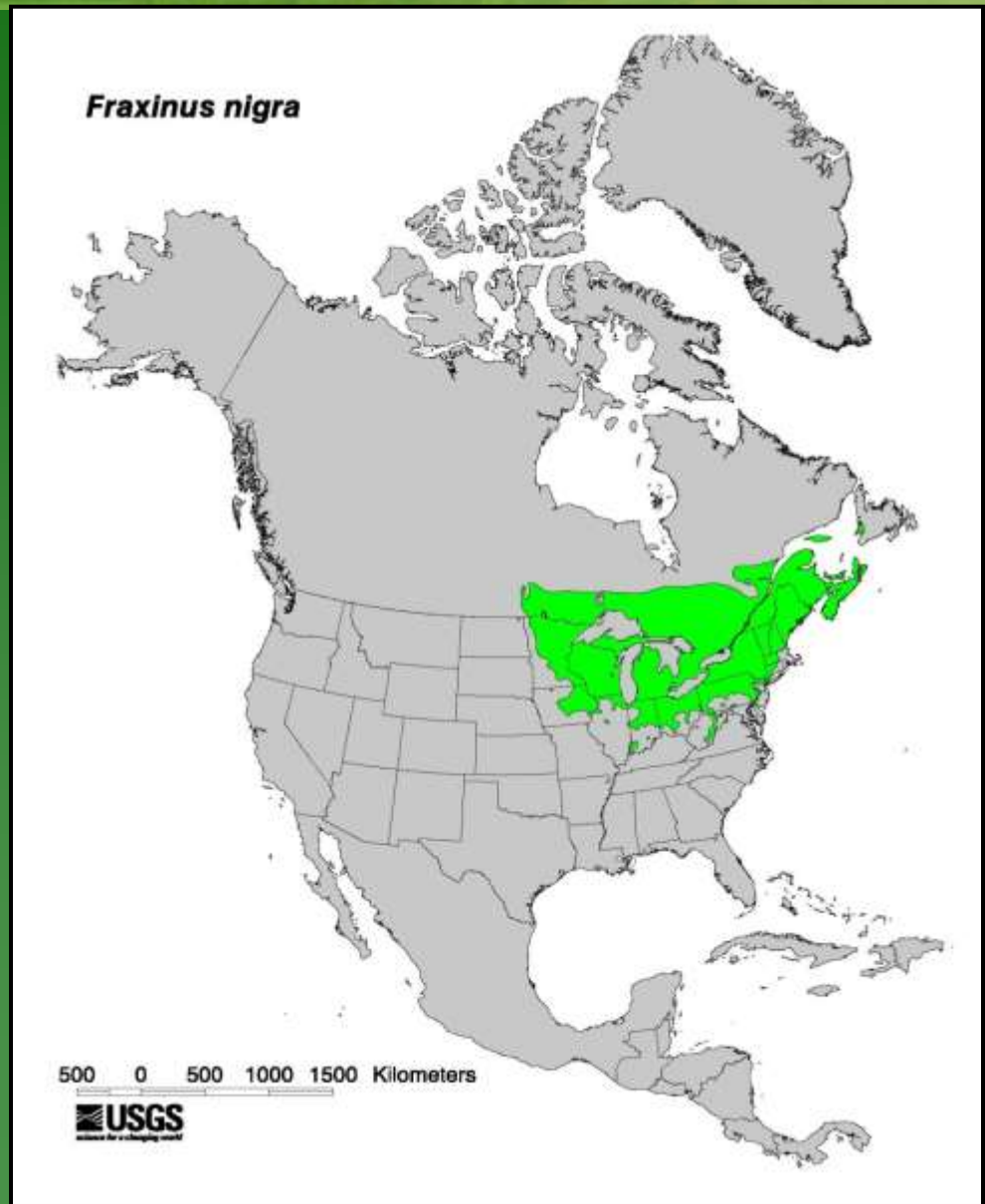
Initial county EAB detections in Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New York, Ohio, Pennsylvania; Tennessee, Virginia, Wisconsin, West Virginia and Canada

May 1, 2013



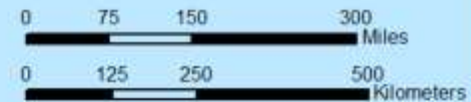
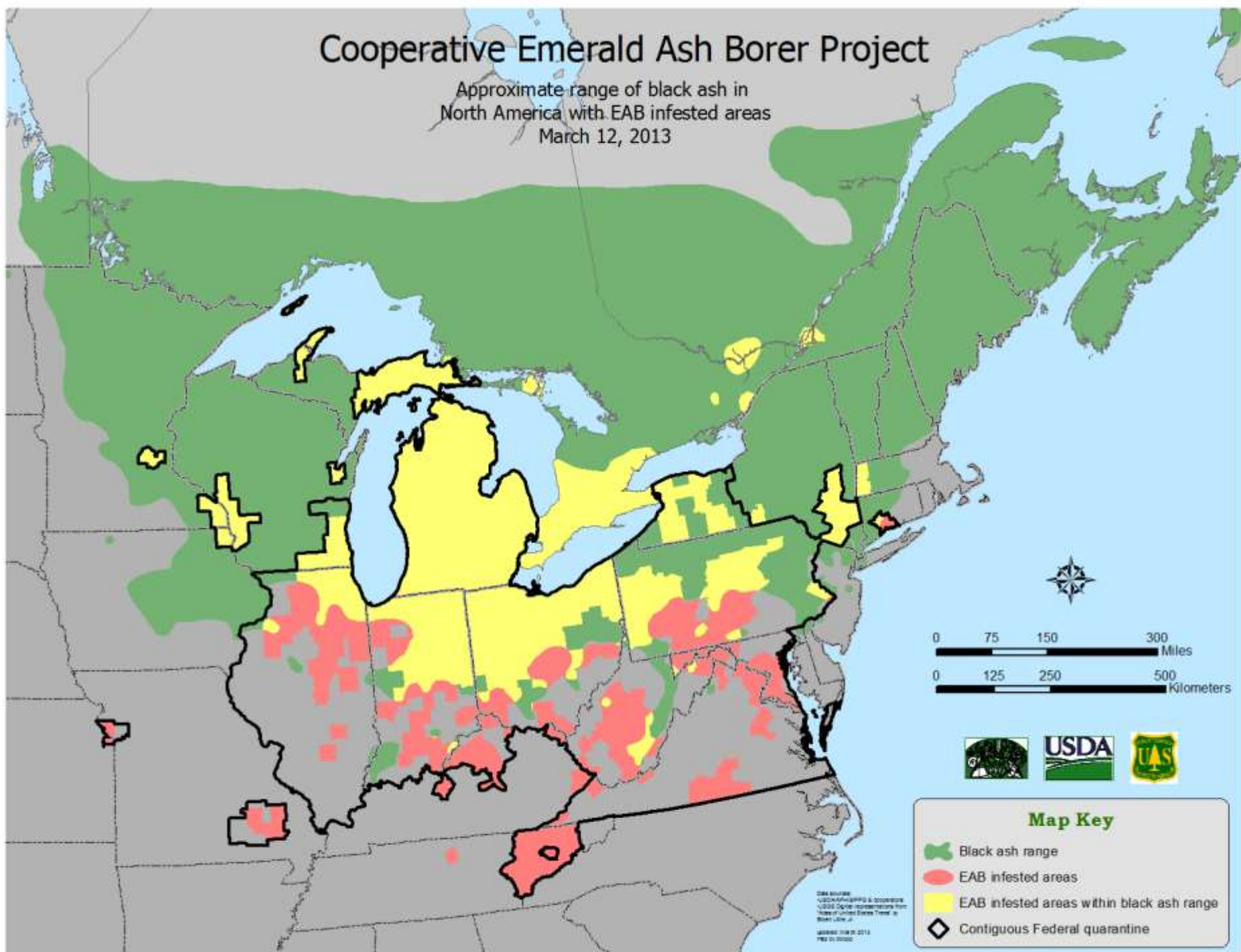
# Black Ash Range

*Fraxinus nigra* is also commonly referred to as brown ash, swamp ash, basket ash, hoop ash, and water ash.



# Cooperative Emerald Ash Borer Project

Approximate range of black ash in  
North America with EAB infested areas  
March 12, 2013



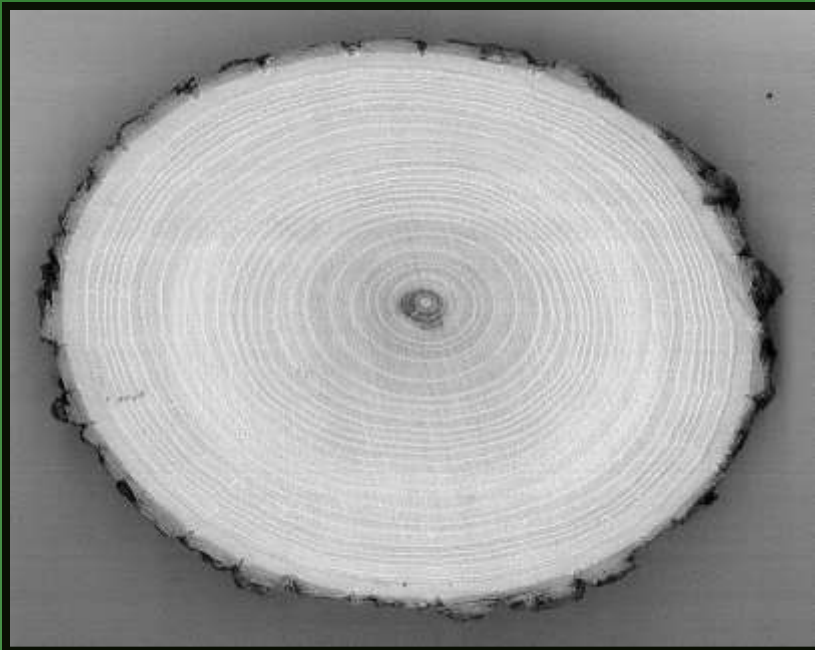
**Map Key**

- Black ash range
- EAB infested areas
- EAB infested areas within black ash range
- Contiguous Federal quarantine

DATA SOURCE:  
USDA Forest Service & cooperators  
USFS Online Interactions from  
State of United States Forest &  
Biomass, et al.

ISSUED: 03/12/2013  
FWS-01-00000

# EAB Dendrochronological Analyses



## Results:

Morgan County, WV  
**EAB detected 2009;**  
*Infested by at least 2005*

Milwaukee County, WI  
**EAB detected 2009;**  
*Infested by at least 2005*

Knox County, TN  
**EAB detected 2010;**  
*Infested by at least 2006*

Claiborne County, TN  
**EAB Detected 2011;**  
*Infested by at least 2007*



# Questions?

## Contact info:

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**810-844-2733**