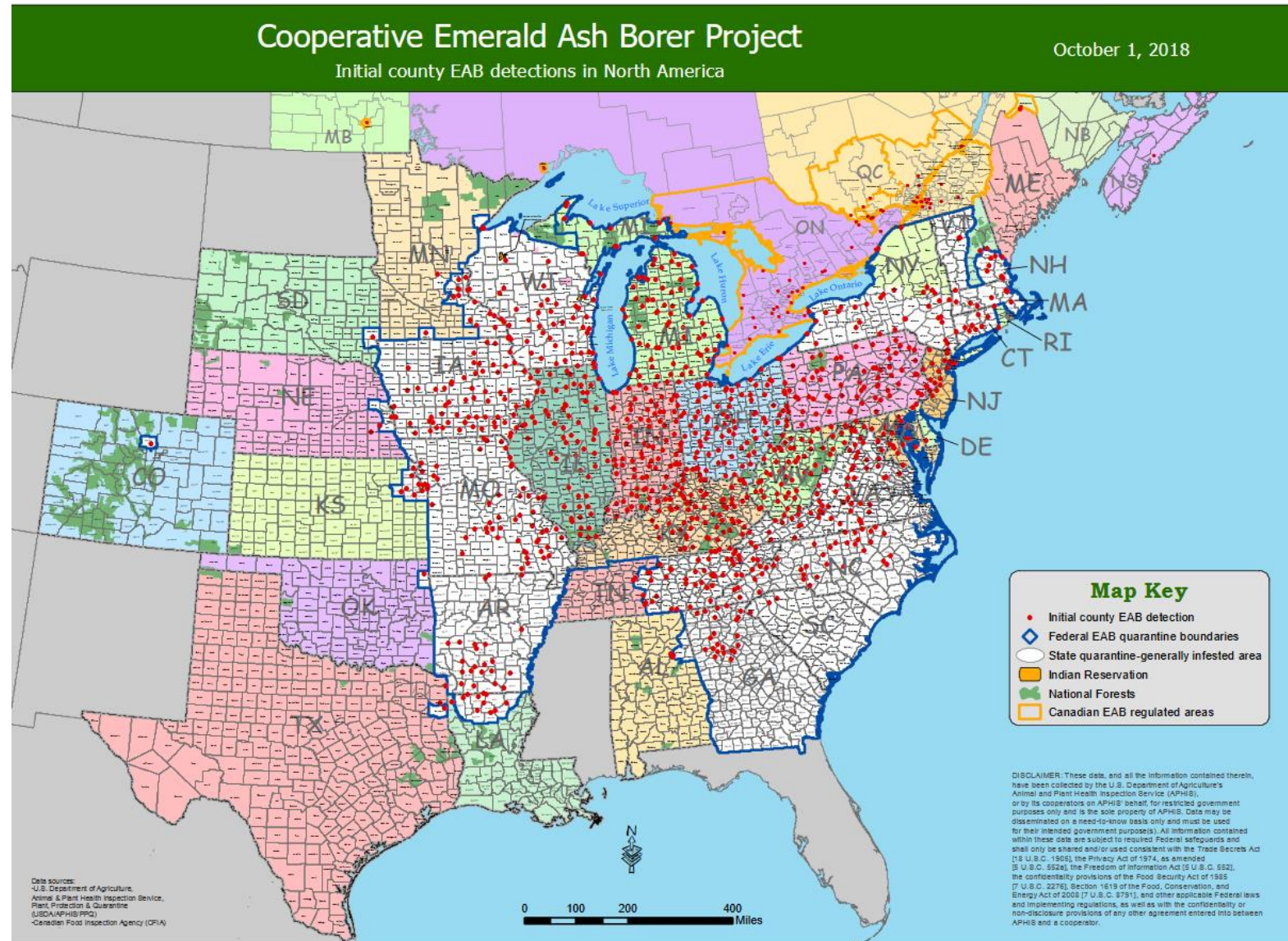


- 1) Current Regulations for EAB**
- 2) Current Status of EAB in Minnesota**
- 3) Future Regulatory Options**

# Current EAB Regulations

USDA regulates interstate movement

States regulate intrastate movement

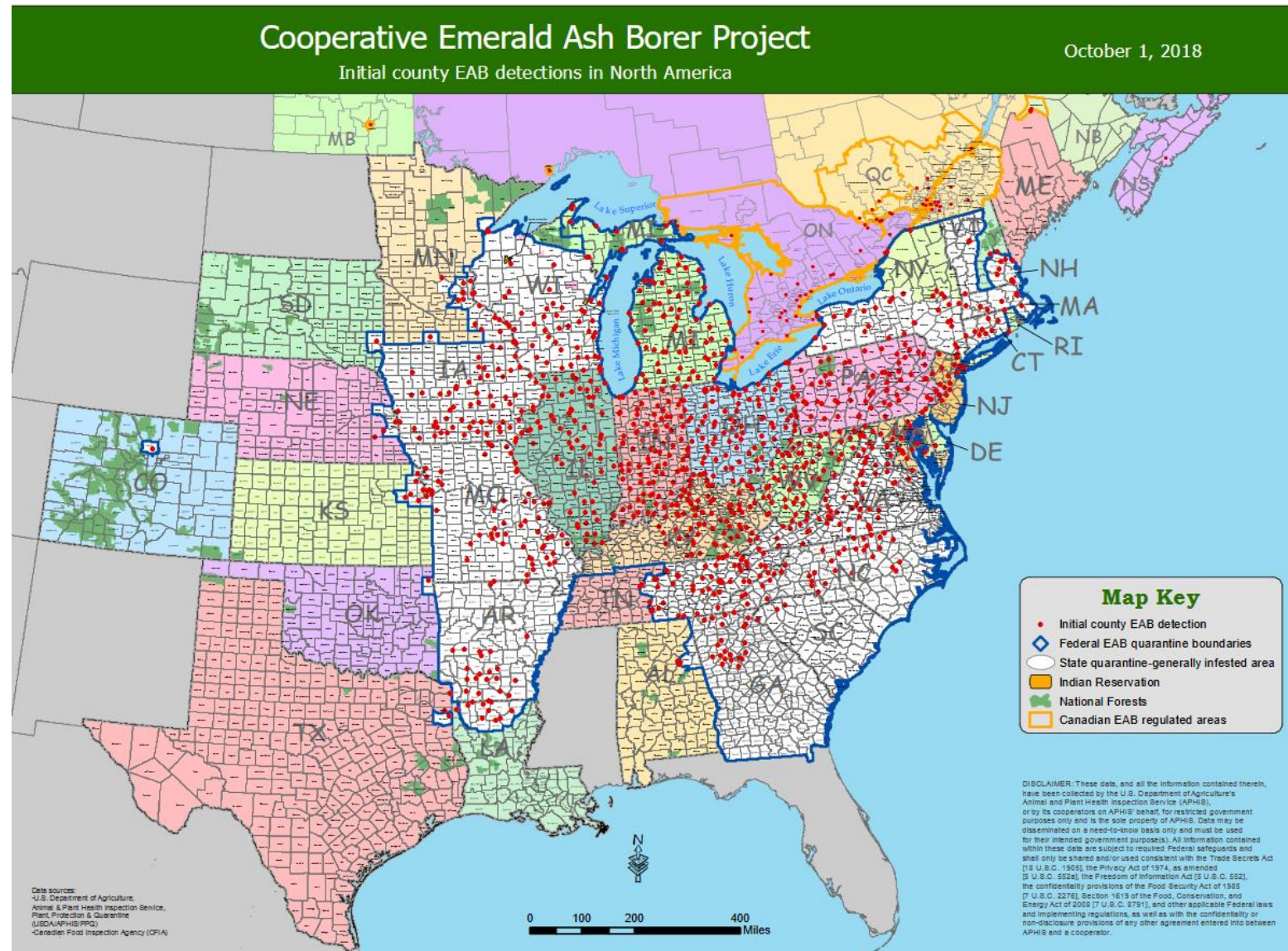


# Current EAB Regulations

USDA has proposed federal deregulation

- Comments thru 11/19
- Decision first half 2019?

State programs determined by states



**1) Current Regulations for EAB**

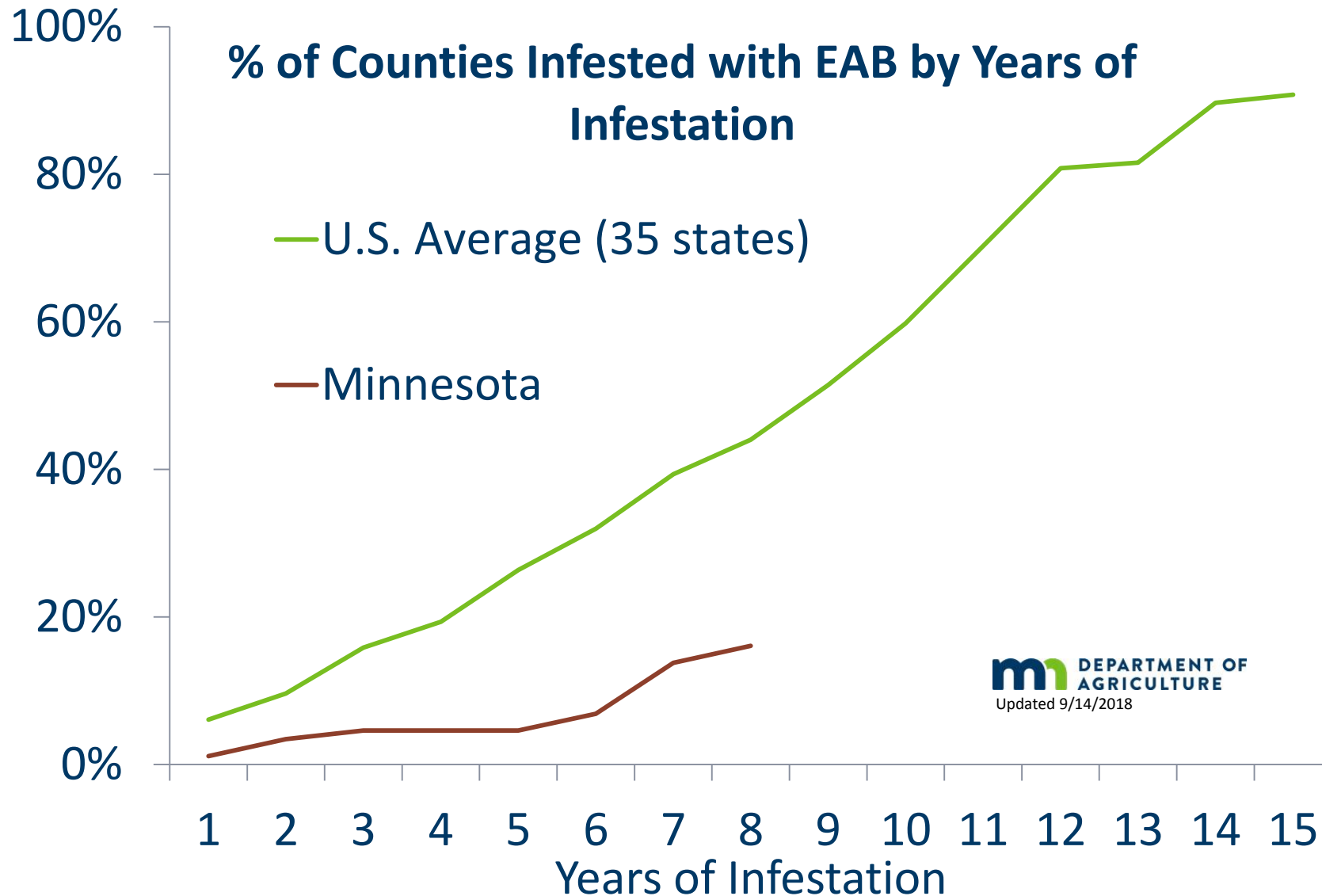
**2) Current Status of EAB in Minnesota**

**Past Spread**

**Future Spread**

**3) Future Regulatory Options**

# Current Status of EAB in Minnesota – Past Spread



# Current Status of EAB in Minnesota – Past Spread




**MDA CERTIFIED FIREWOOD**

The only safe to move firewood in Minnesota

Stop the spread of insects that destroy our trees. Buy only heat-treated MDA Certified Firewood.




## Cold snap is no snow day for emerald ash borer management



**Principal Partners:**  
Rob Venette, US Forest Service Northern Research Station;  
Lindsey Christianson, University of Minnesota Dept. of Entomology;  
Mark Abrahamson, Minnesota Department of Agriculture, Plant Protection Unit

January 31, 2014


AccuWeather.com 15:10Z 01/14/2014



Contents lists available at [ScienceDirect](http://ScienceDirect)

### Urban Forestry & Urban Greening


journal homepage: [www.elsevier.com/locate/ufug](http://www.elsevier.com/locate/ufug)



Strategic removal of host trees in isolated, satellite infestations of emerald ash borer can reduce population growth

Samuel J. Fahrner<sup>a,\*</sup>, Mark Abrahamson<sup>b</sup>, Robert C. Venette<sup>c</sup>, Brian H. Aukema<sup>a</sup>

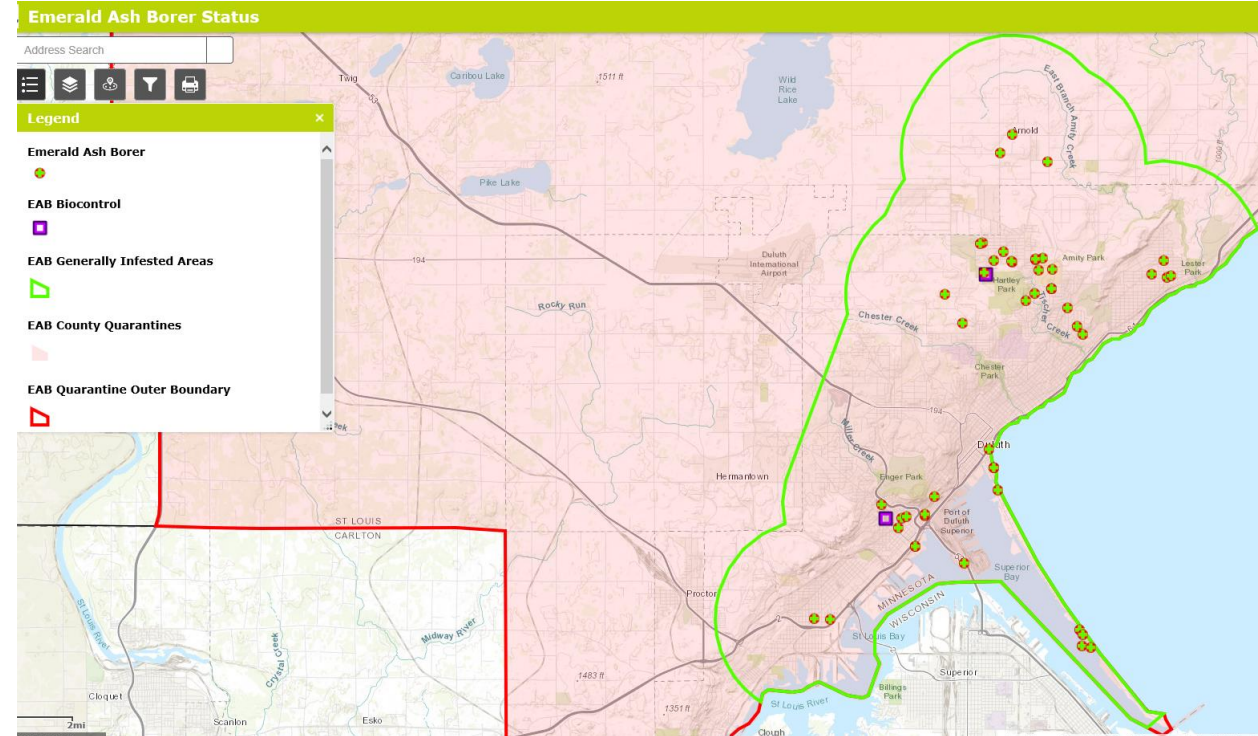
<sup>a</sup> Department of Entomology, University of Minnesota, St. Paul, MN 55108, United States  
<sup>b</sup> Minnesota Department of Agriculture, 625 Robert St N, Saint Paul, MN 55155, United States  
<sup>c</sup> USDA Forest Service, 1561 Lindig Street, Saint Paul, MN 55108, United States



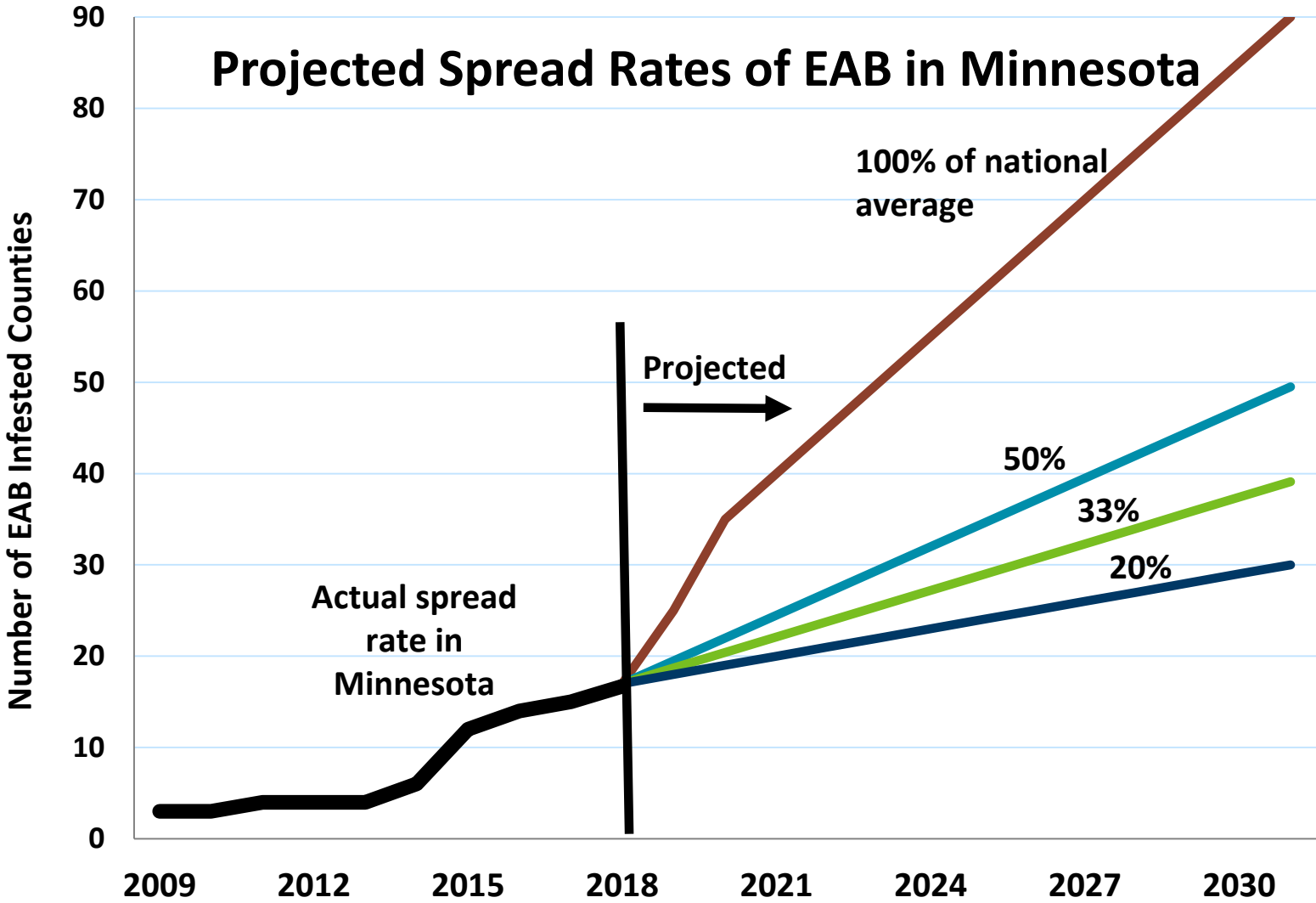
# Current Status of EAB in Minnesota – Past Spread

## Duluth

- 2017
  - EAB infested trees removed = 181
  - Trees treated = 165
- 2018 to date
  - EAB infested trees removed = 277
  - Trees treated = 251



# Current Status of EAB in Minnesota – Future Spread



# Current Status of EAB in Minnesota – Future Spread

- 1) Removed (before or after death)**
- 2) Treated with insecticide**
- 3) Die and fall apart**



# Current Status of EAB in Minnesota – Future Spread

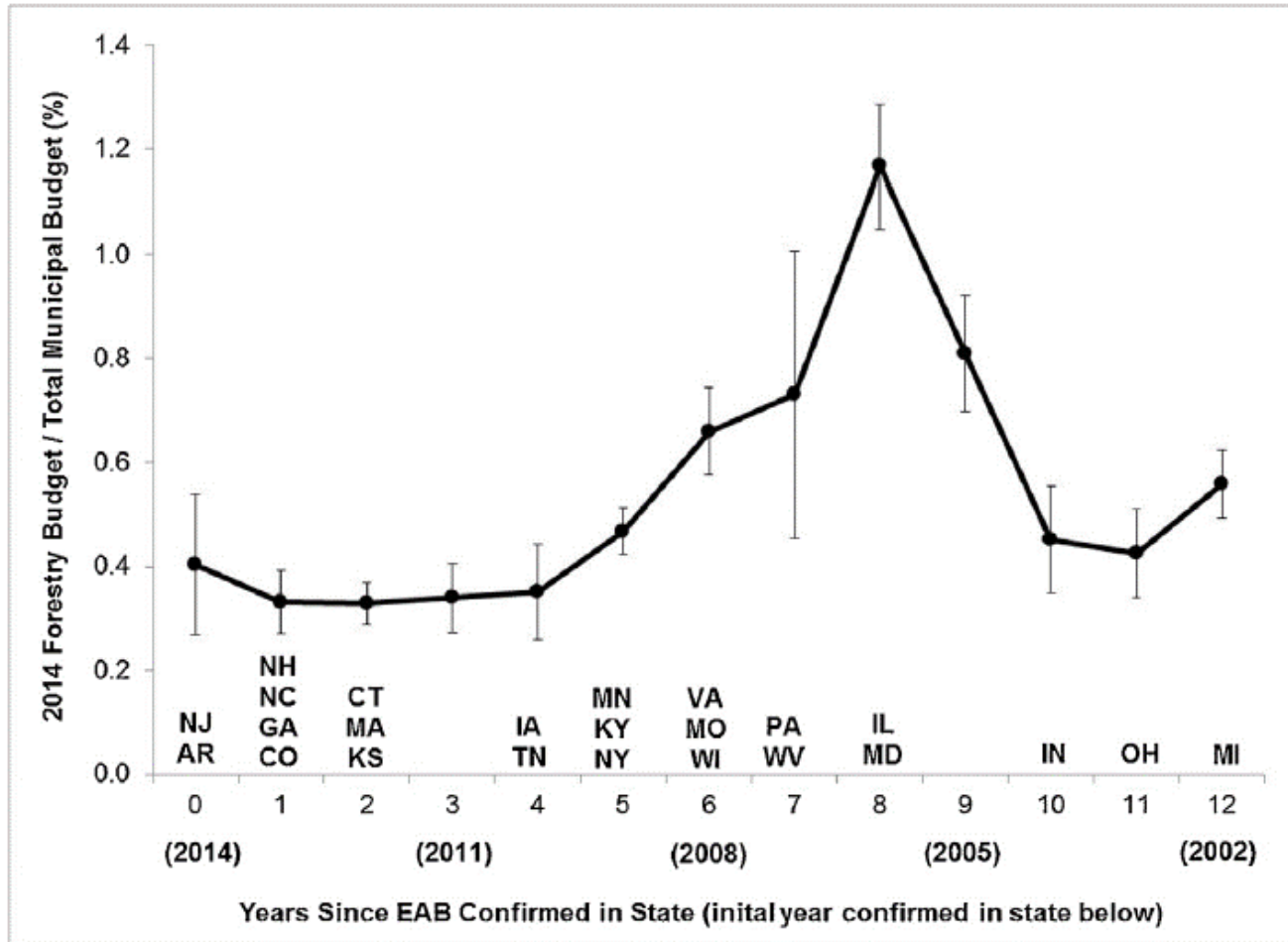
1) How many trees in communities?

2) What will those trees cost to treat or remove?

3) How much economic value in benefits?



# Current Status of EAB in Minnesota – Future Spread



Contents lists available at [ScienceDirect](http://ScienceDirect)

**Landscape and Urban Planning**

journal homepage: [www.elsevier.com/locate/landurbplan](http://www.elsevier.com/locate/landurbplan)

Research paper

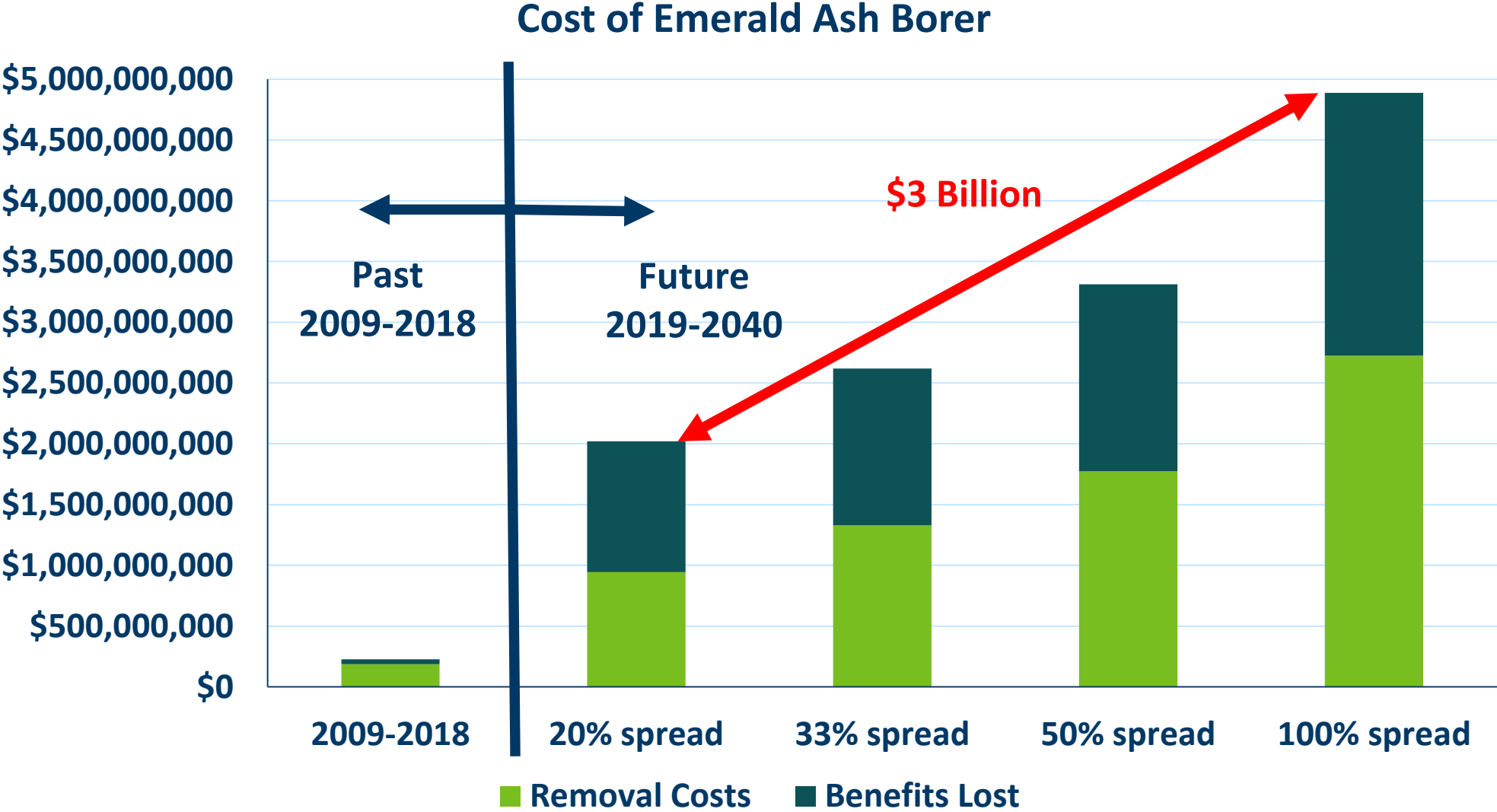
**Effects of emerald ash borer on municipal forestry budgets**

Richard J. Hauer<sup>a,\*</sup>, Ward D. Peterson<sup>b</sup>

<sup>a</sup> College of Natural Resources, University of Wisconsin-Stevens Point, 800 Reserve St., Stevens Point, WI 54481, United States  
<sup>b</sup> Manager of Utility and Urban Resources, Davey Resource Group, 1500 N. Mantua St., Kent, OH 44240, United States

CrossMark

# Current Status of EAB in Minnesota – Future Spread



- 1) Current Regulations for EAB**
- 2) Current Status of EAB in Minnesota**
- 3) Future Regulatory Options**

# Future Regulatory Options

1. Status Quo
2. Something Different
3. Deregulate

