



# Vector Control Resources

at National Environmental Health Association (NEHA)

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- Tools and resources for program improvement activities
- 10 Essential Environmental Public Health Services

# The Vector Control Tools & Resources (VeCToR) Toolkit 10 Essential Environmental Public Health Services



## Essential Service #8: Assure a Competent Environmental Health and Vector Control Workforce



### Assure a Competent Environmental Health and Vector Control Workforce

#### Assure a competent environmental public health workforce



This essential service requires the assurance of a workforce that is adequately competent to meet the needs for the community's public health and vector services. Conducting assessments of the members of local, state and tribal health workforce is necessary to maintain standards, to improve the efficiency for professional licensure/credentialing and ability to incorporate the Essential Public Health Service into the systems.

Vector program activities that fit into Essential Service #8 include, but aren't limited to:

1. Providing access to education and training to workforce
2. Ensure workforce has appropriate certification

#### Education

[Professional Development Opportunities](#) This list includes career development pathways, credentials, professional organizations, and training opportunities

[Vector Control for Environmental Health Professionals \(VCEHP\)](#) Online course providing an understanding of the biology and control of vectors and public health pests

[TRAIN Learning Network](#) Contains 28 pest/vector control courses for environmental health professionals

#### Tools

[Tools to Drive Quality Improvement of Vector Control Services](#) Discusses the Public Health Foundation (PHF) and the Centers for Disease Control and Prevention's collaboration with five local health departments to identify interventions and implement quality improvement projects for their vector control services

[Vector Control Tools and Resources for Environmental Health Professionals](#) Information about vector control programs, classes for professionals, and a virtual vector control conference from the Environmental Health Services Branch of the CDC

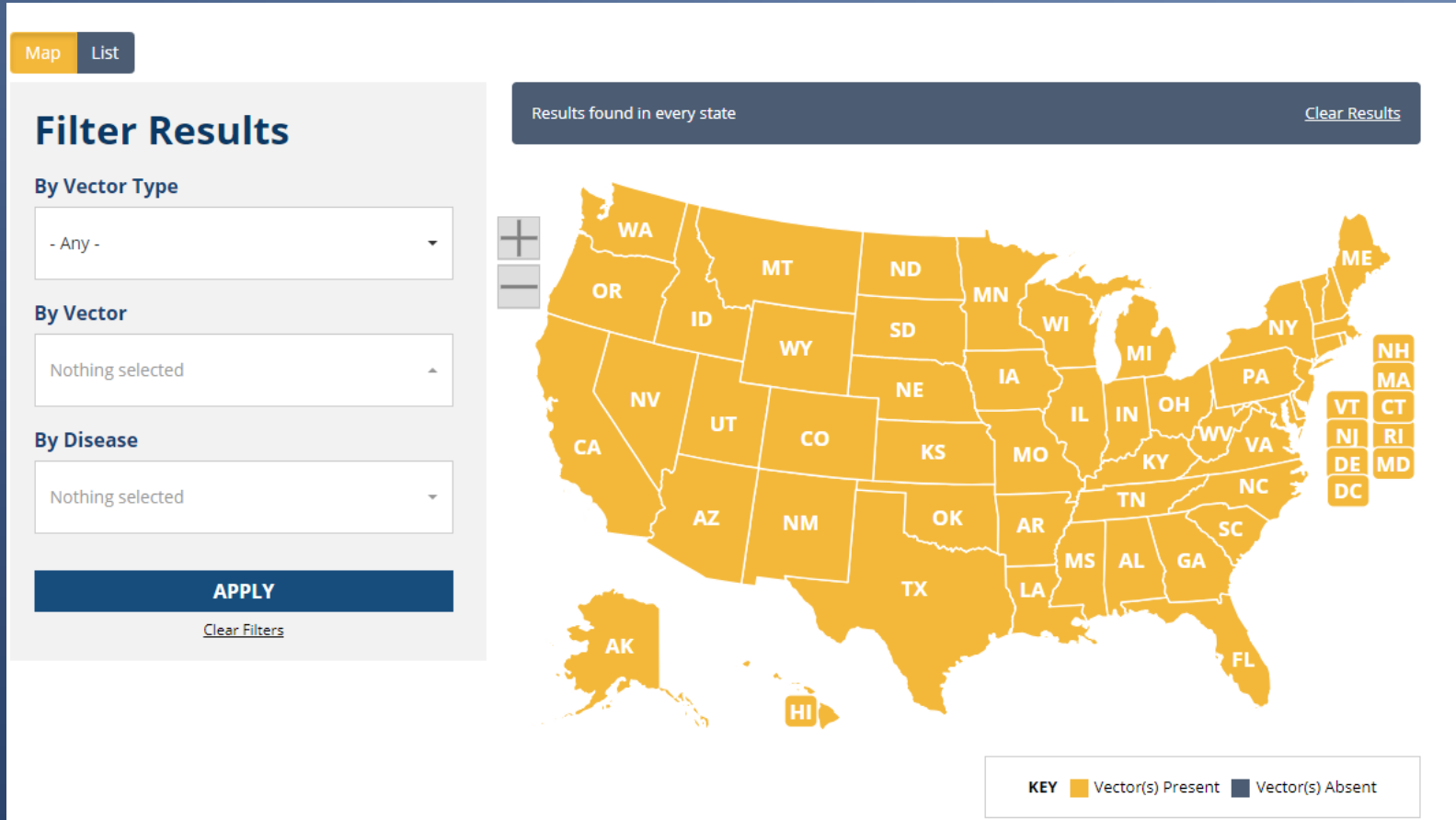
#### Resources

[Student Intern Programs Can Enhance Mosquito Control Operations](#) Article about the student intern program at the Anastasia Mosquito Control District (AMCD) in St Augustine, FL

[Benefits and Accomplishments Gained from Outside Collaborations at Anastasia Mosquito Control District](#) Article about the Anastasia Mosquito Control District's collaborations with private agencies, domestic and international institutes, and universities

[The 3rd International Forum for Surveillance and Control of Mosquitoes and Mosquito-borne Diseases](#) Article about the 3rd International Forum for Surveillance and Control of Mosquitoes and Mosquito-borne Diseases held in Suzhou, Jiangsu, China  
[Vector-Borne Disease Control Directory](#) CDC Division of Vector-Borne Diseases (DVBD) Control Directory

# Vector Map



# Vector Map

Results for
Clear Results

## Alaska

- [\*Blattella germanica\*](#) - German Cockroach
- [\*Cimex lectularius\*](#) - Bed Bugs
- [\*Coquillettidia perturbans\*](#) - Cattail Mosquito
- [\*Ctenocephalides canis\*, \*Ctenocephalides felis\*, \*Xenopsylla cheopis\*](#),
- [\*Echidnophaga gallinacea\*](#) - Fleas (dog flea, cat flea, human flea, Oriental rat flea, and sticktight flea)
- [\*Culex pipiens\*](#) - Common House Mosquito or Northern House Mosquito
- [\*Culex tarsalis\*](#) - Western Encephalitis Mosquito
- [Genus \*Anopheles\*](#) - Malaria Mosquitoes
- [\*Mus musculus\*](#) - House Mouse
- [\*Musca domestica\*](#) - Common Housefly
- [\*Periplaneta Americana\*](#) - American Cockroach
- [\*Rattus norvegicus\*](#) - Norway Rat, Brown Rat, Wharf Rat, House Rat, Gray Rat, or Sewer Rat
- [\*Rhipicephalus sanguineus\*](#) - Brown Dog Tick

Overview
Surveillance
Control

Vector Type  
**Other**

Vector Species Name  
*Ctenocephalides canis*, *Ctenocephalides felis*, *Xenopsylla cheopis*, *Echidnophaga gallinacea*

Vector Common Name  
Fleas (dog flea, cat flea, human flea, Oriental rat flea, and sticktight flea)

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Transmitted Diseases  
[Cat Flea Rickettsiosis](#)      [Cat Scratch Disease](#)  
[Plague](#)

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Photo courtesy of CDC



# Integrated Pest Management Virtual Conference

- [EPA-NEHA partnered project](#)
- Innovative forum for environmental public health professionals and vector control specialists to discuss emerging issues and solutions
- This year's conference date: August 14-15
- Three tracks in line with EPA BPPD's strategic plan:
  - Public Health
  - Agriculture
  - Structures



# Contact Information

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