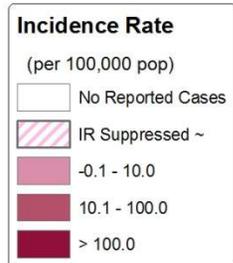
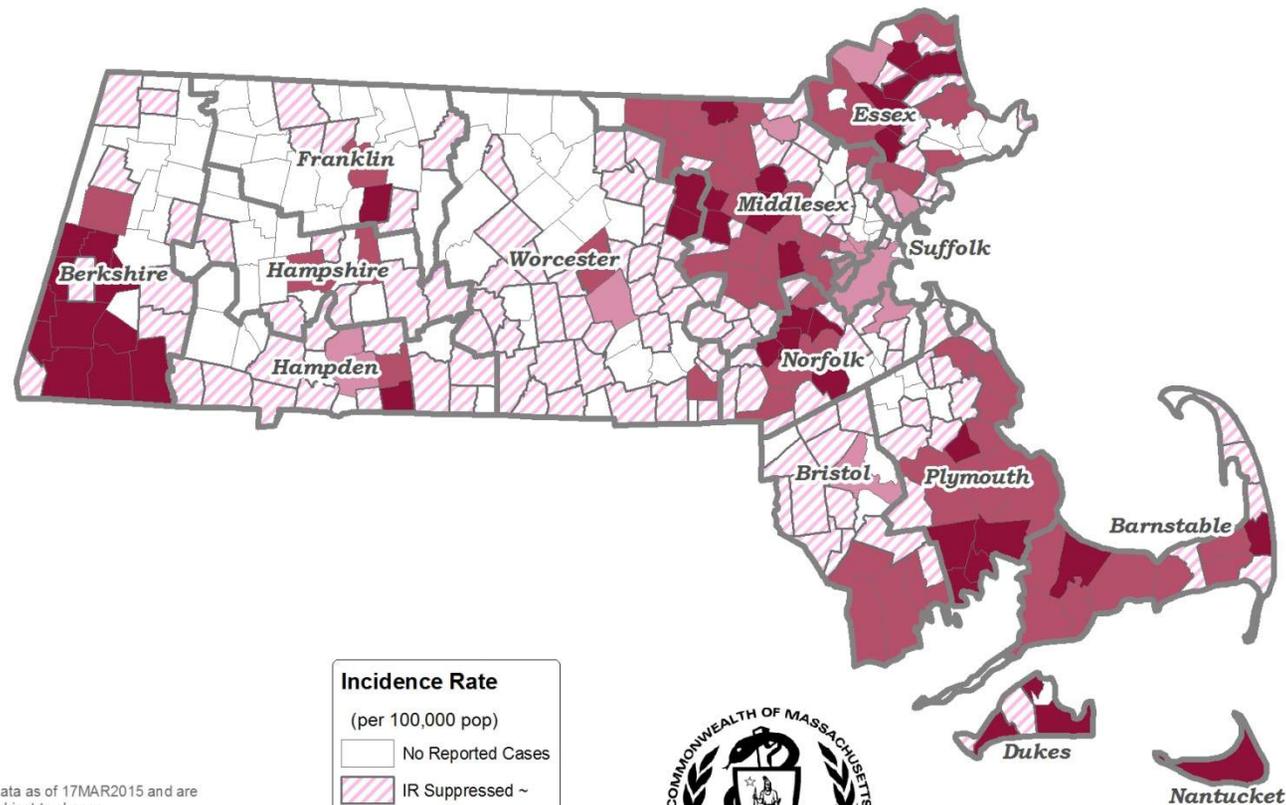


Incidence Rates for Anaplasmosis in MA 2010-2014

Incidence Rates (per 100,000 population[^]) for Confirmed and Probable Anaplasmosis in Massachusetts: 2010-2014*



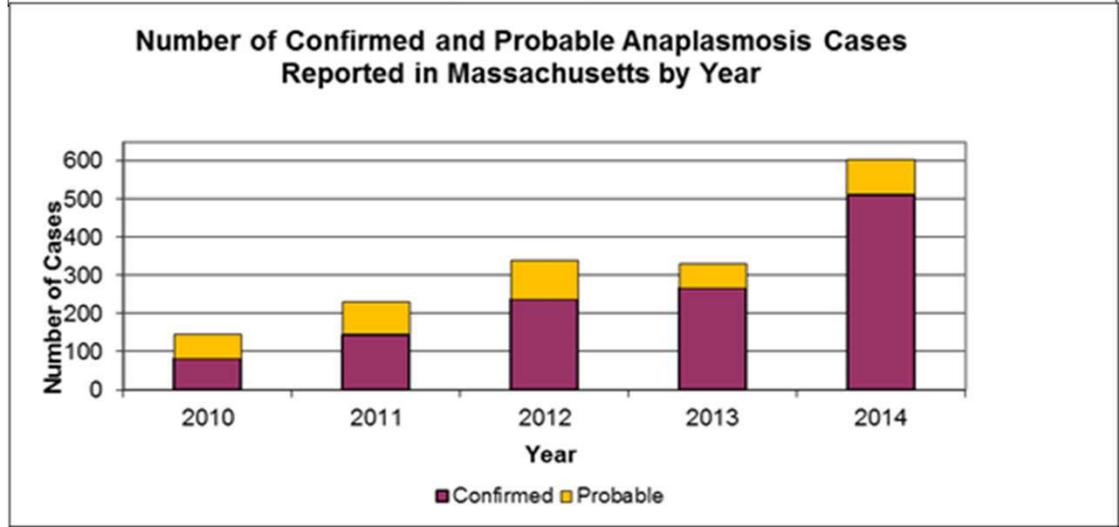
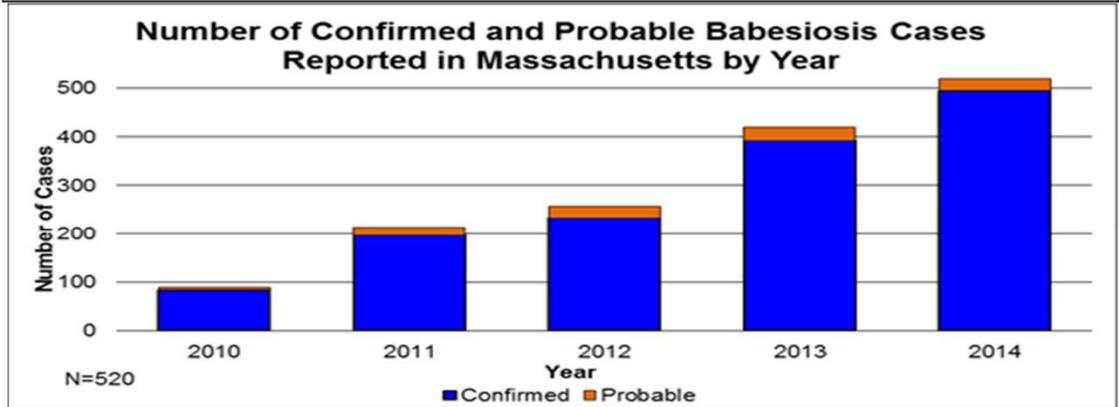
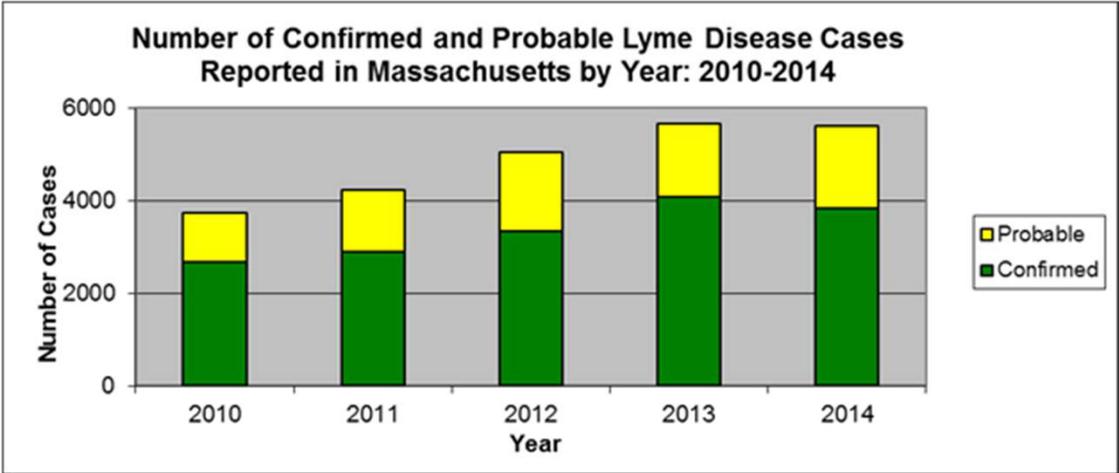
* Data as of 17MAR2015 and are subject to change.

[^] Using 2010 Census data

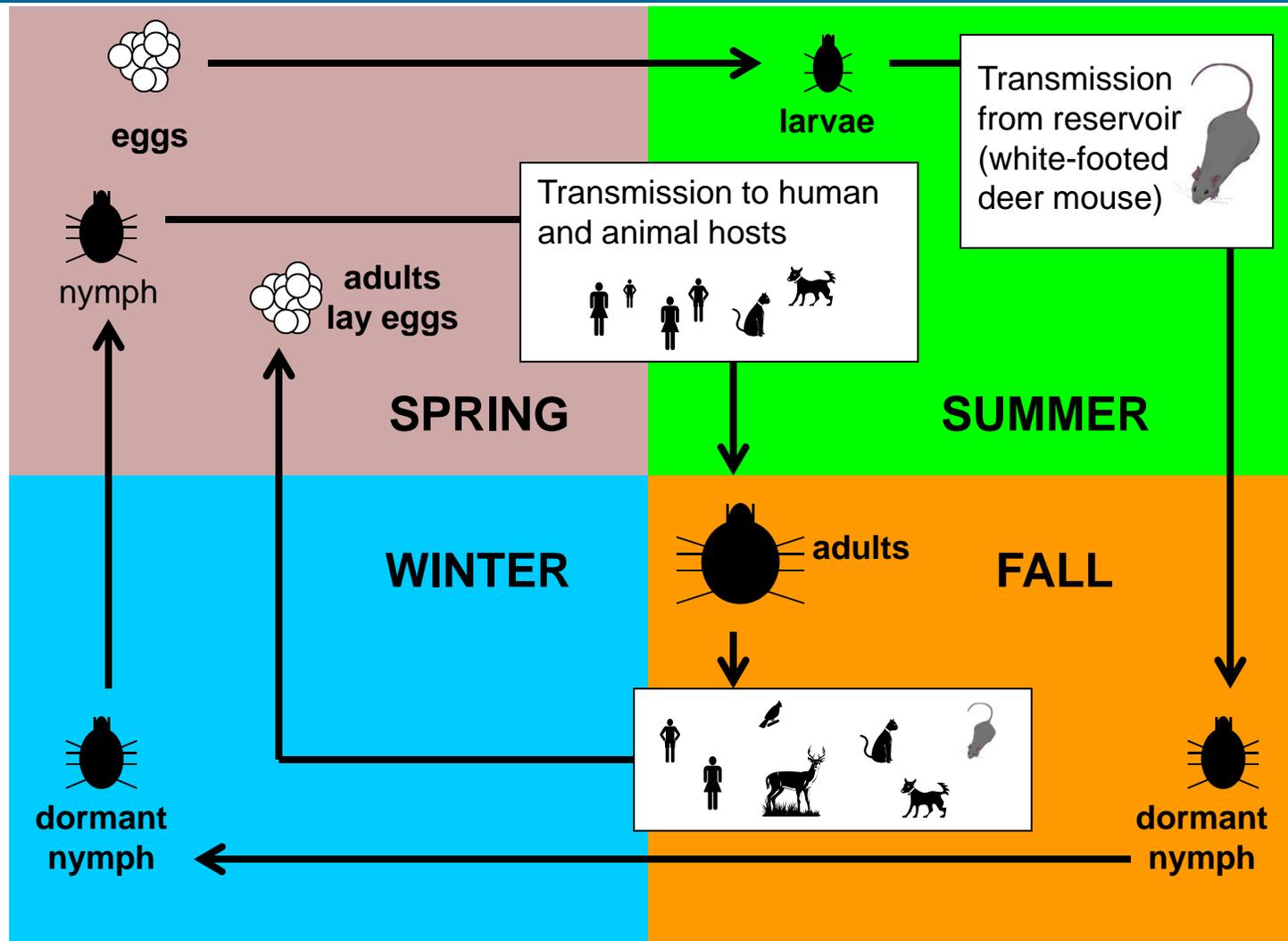
~ Case counts less than 5 in populations less than 50,000 are suppressed to maintain patient confidentiality.



Bureau of Infectious Disease
Office of Integrated Surveillance & Informatics Services



Deer Tick Two-Year Life Cycle

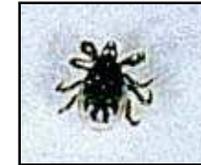


Tick Activity



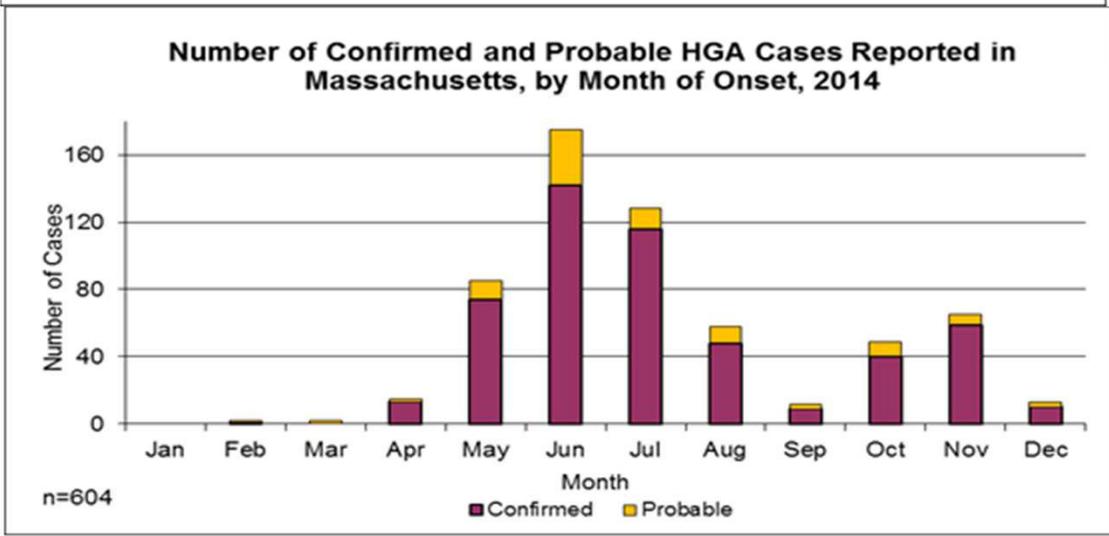
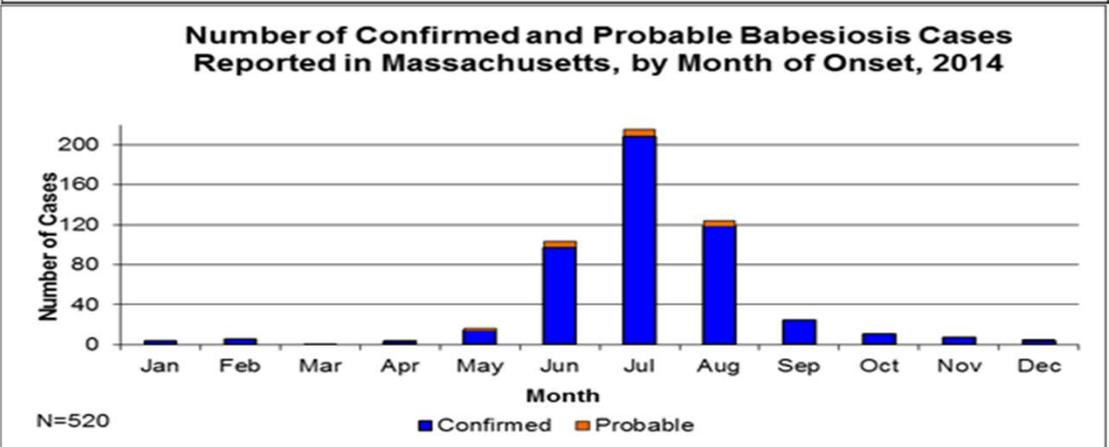
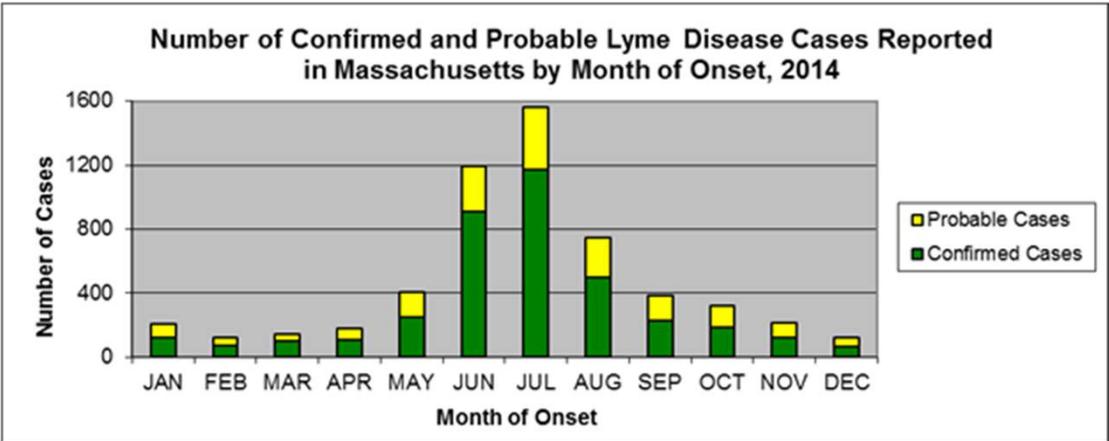
- Jan
- Feb
- March
- Apr
- May
- June
- July
- Aug
- Sept
- Oct
- Nov
- Dec

→ **Nymphs most active**

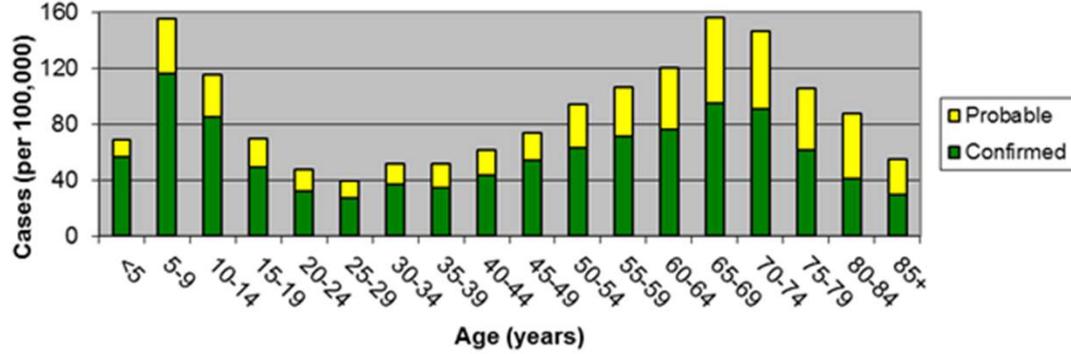


→ **Adults most active**

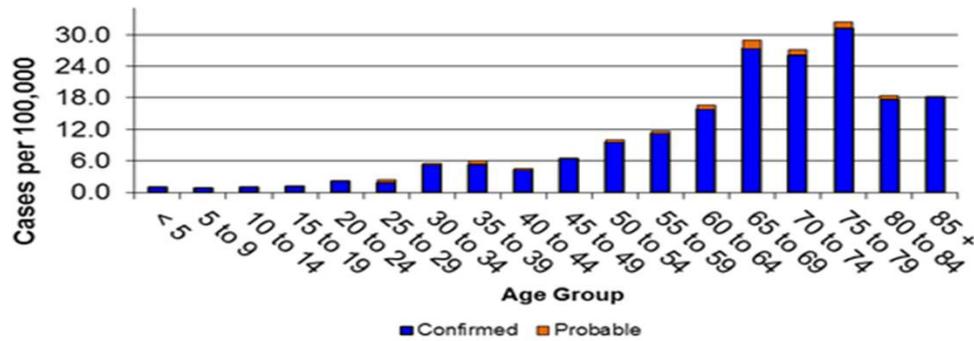




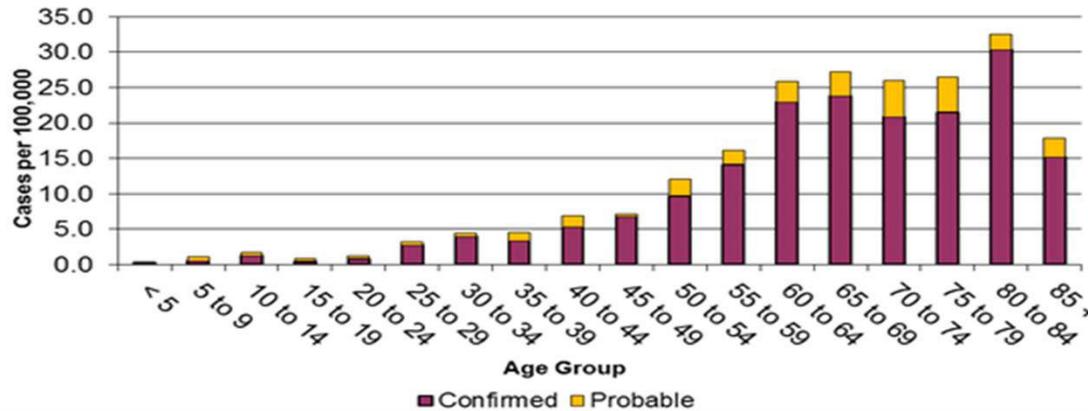
Incidence Rates of Confirmed and Probable Lyme Disease Cases in Massachusetts by Age Group, 2014



Incidence Rate of Confirmed and Probable Babesiosis Cases Reported in Massachusetts, by Age Range, 2014

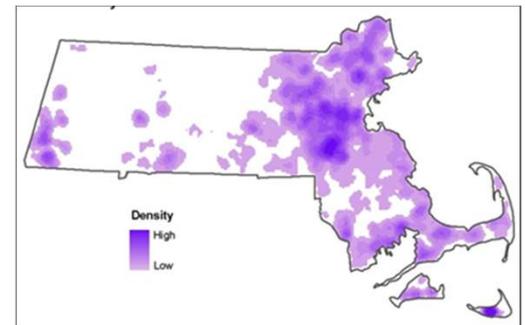
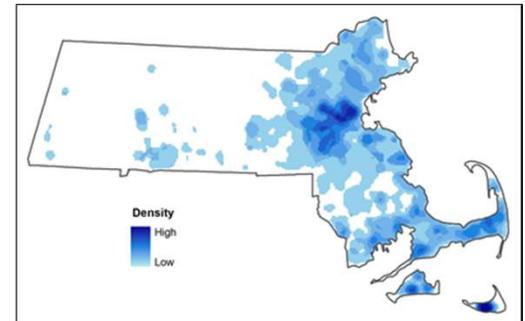


Incidence Rate of Confirmed and Probable HGA Cases Reported in Massachusetts, by Age Range, 2014



Tick-borne Disease Co-infections

- 2009-2013
 - 171 Lyme/babesia co-infections
 - 70 Lyme/HGA co-infections



But there are simple risk reduction tools....

- Awareness
- Repellents
- Tick Checks
- Removal
- Identification
- Healthcare Provider
- And don't forget your pets

Public Resources

DPH

www.mass.gov/dph/tick

www.mass.gov/mosquitoesandticks

UMass

<https://ag.umass.edu/services/tick-borne-disease-diagnostics>

Tick Encounter – URI

<http://www.tickencounter.org/>

CT Agricultural Station

http://www.ct.gov/caes/lib/caes/documents/special_features/tickhandbook.pdf