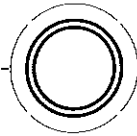
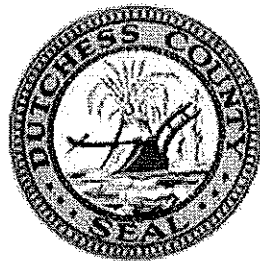


Tick-Borne Disease Prevention in Public Schools

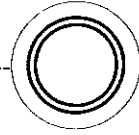


ALISON KAUFMAN, DVM
DUTCHESS COUNTY DEPARTMENT OF
BEHAVIORAL & COMMUNITY HEALTH

APRIL 28, 2017



Q & A



Q: What is tick-borne disease?

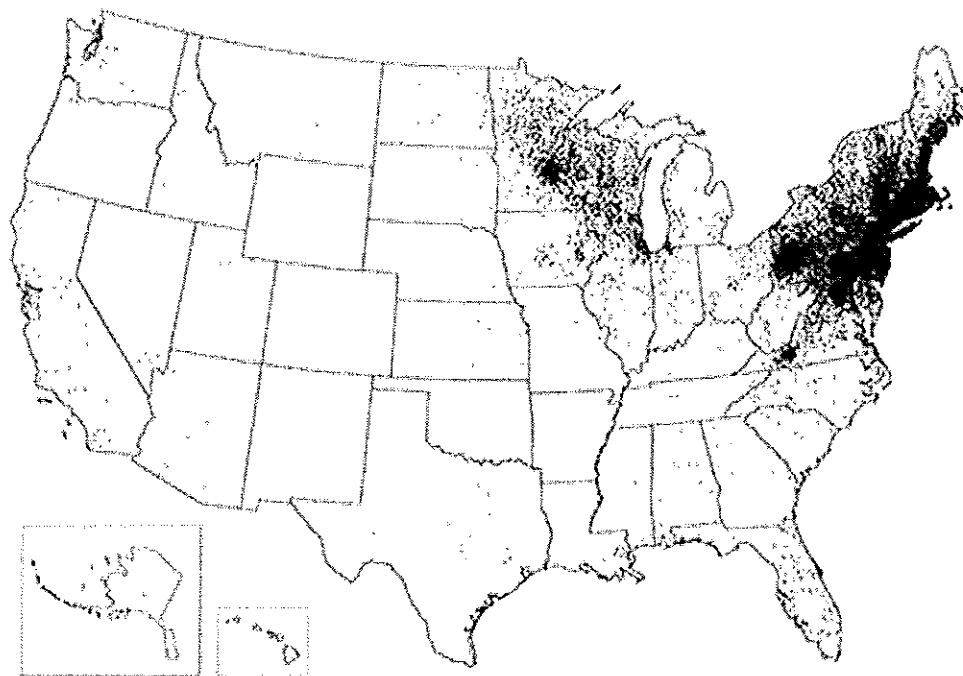
A: A tick-borne disease is any illness you can get from the bite of a tick.

Q: Why are we so concerned about tick-borne disease in Dutchess County?

A: Because we have a lot of it! Ticks in our region can transmit Lyme disease and several other pathogens.

Geographic distribution of Lyme disease

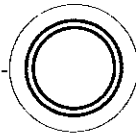
Reported Cases of Lyme Disease -- United States, 2015



1 dot placed randomly within county of residence for each confirmed case

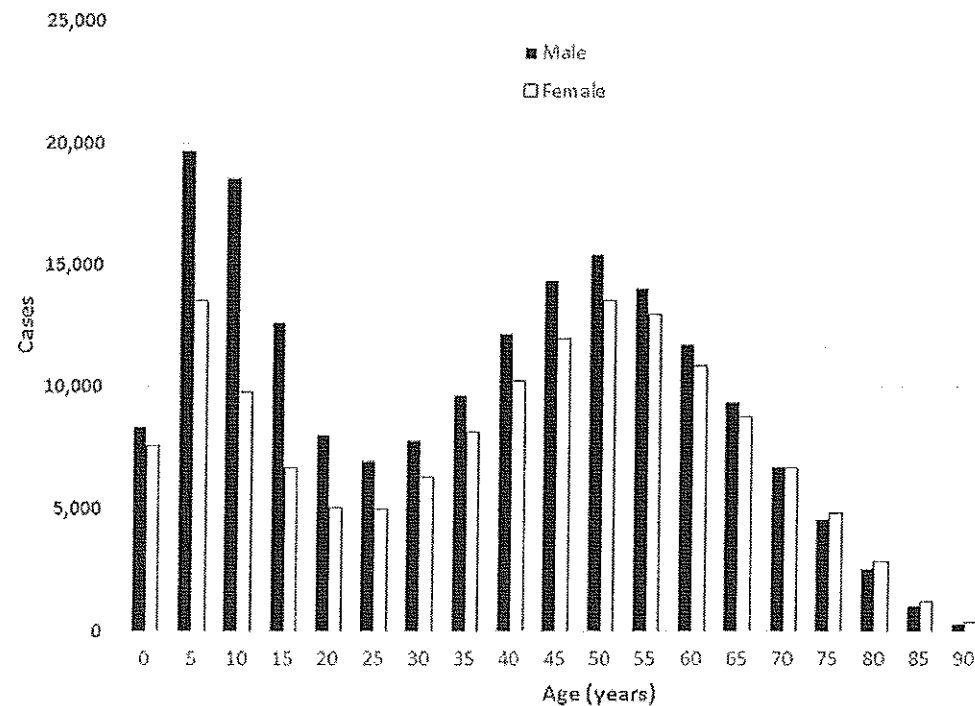
Source: <https://www.cdc.gov/lyme/stats/maps.html>

Why target education at school children?



Children, especially boys, are at greater risk for Lyme disease than the general population.

Confirmed Lyme disease cases by age and sex--United States, 2001-2015



Reported cases of Lyme disease are most common among boys aged 5-9.

Source: <https://www.cdc.gov/lyme/stats/graphs.html>

We can teach prevention strategies to reduce the risk of infection



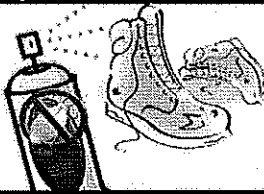
- Know the high risk season.
- Avoid the places ticks live (when possible).
- Wear protective clothing.
- Use repellents.
- Check for ticks frequently.
- Remove attached ticks quickly and correctly.
- Recognize disease early.

THANK YOU FOR YOUR ATTENTION!

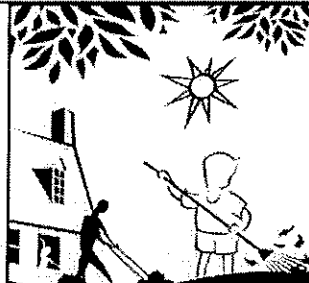
How to Be Tick Free!

Use Repellent!

Keep DEET-based Repellents handy and apply before you go outside.

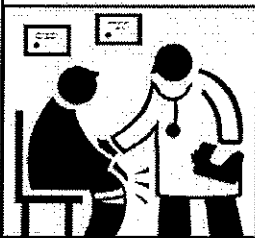


Spray shoes once a month with Permethrin.



Create Tick Free Areas in your yard by keeping grass trimmed and clearing brush.

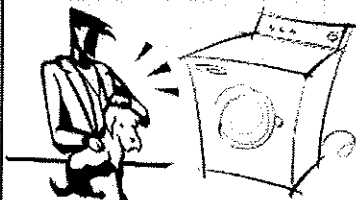
BE tick FREE



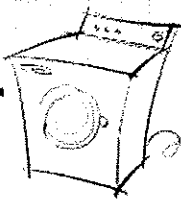
Talk to Your Doctor if You Develop a Fever or Rash.



When Returning from Outdoor Activity:



Check yourself and your pets for ticks.



Place Clothes into Dryer (High temp) for 30 minutes.



Shower immediately, and check for ticks again.

Alison Kaufman, DVM

845-486-3402

akaufman@dutchessny.gov