

**Smithtown 2018 - Tick Infection Rates**  
**Collection site is located within the 11788 zip code**

Infection Rate (%)	Pathogen	Disease	Stage	Tick
32	<i>B. burgdorferi</i>	Lyme Disease	Adult	Blacklegged Tick
26	<i>A. phagocytophilum</i>	Anaplasmosis	Adult	Blacklegged Tick
26	<i>B. microti</i>	Babesiosis	Adult	Blacklegged Tick
14	<i>B. burgdorferi</i>	Lyme Disease	Nymph	Blacklegged Tick
10	<i>B. microti</i>	Babesiosis	Nymph	Blacklegged Tick
8	<i>B. miyamotoi</i>	Relapsing Fever	Adult	Blacklegged Tick
6.7	<i>E. ewingii</i>	Ehrlichiosis	Adult	Lone Star Tick
4	<i>A. phagocytophilum</i>	Anaplasmosis	Nymph	Blacklegged Tick
4	Powassan virus	Powassan Virus Disease	Nymph	Blacklegged Tick
2	<i>E. chaffeensis</i>	Ehrlichiosis	Nymph	Lone Star Tick

\*While nymphal ticks often have lower infection rates than adult ticks, they are typically responsible for causing more disease in humans, as their smaller size allows them to avoid notice