Tick-Borne Diseases and Non-pathogenic Impacts
(as determined by current research 4/2021)

- Lyme disease
- Anaplasmosis
- Babesiosis
- Powassan virus ¹
- Borrelia miyamortoi ¹
- Ehrlichiosis
- Southern Tick Associated Rash Illness (STARI) ²
- Tick Bite-Induced Allergy (alpha-gal allergy) ³
- Canine ehrlichiosis
- Tularemia
- Rocky Mountain Spotted Fever ⁴
- Tick paralysis ⁵
- Theileria orientalis

¹ These pathogens have the potential to be transmitted by the larval stage
² As per the CDC, the cause of STARI remains unknown
³ Non-pathogenic
⁴ Lone stars may carry a less virulent strain; Asian longhorned ticks have been shown in lab trials to vector the pathogen that causes rocky mountain spotted fever
⁵ Non-pathogenic, mostly associated with adult female American dog ticks