

Established tick-borne diseases of humans and/or animals in the United States

Name	Agent	Tick vector(s)	Geographic distribution
Lyme disease	<i>Borrelia burgdorferi</i>	<i>Ixodes dammini</i> <i>I. pacificus</i> <i>I. scapularis</i> <i>Amblyomma americanum</i>	Northeastern and midwestern United States, California, Oregon, southern and southeastern U.S., southern and eastern U.S.
Rocky Mountain spotted fever	<i>Rickettsia rickettsii</i>	<i>Dermacentor andersoni</i> <i>D. variabilis</i> <i>A. americanum</i>	Throughout U.S. except Maine, Alaska, Hawaii
Tick-borne relapsing fever	<i>B. hermsii</i> <i>B. turicatae</i> <i>B. parkeri</i>	<i>Ornithodoros hermsi</i> <i>O. turicata</i> <i>O. parkeri</i>	Northwestern U.S., southern Canada, southwestern U.S., Western U.S.
Human babesiosis	<i>Babesia microti</i>	<i>I. dammini</i> other tick spp.	Massachusetts, New York, Rhode Island, Wisconsin, Mexico
Tularemia	<i>Francisella tularensis</i>	<i>D. andersoni</i> <i>D. variabilis</i> <i>A. americanum</i>	Throughout U.S., especially Missouri, Kansas, Tennessee, Kentucky, Arkansas, Oklahoma, Illinois, Texas, Colorado, Utah
Human ehrlichiosis	<i>Ehrlichia chaffeensis</i>	?	Southeastern U.S.
Colorado tick fever	CTF virus	<i>D. andersoni</i>	Rocky Mountain region
Tick paralysis	Toxin (unidentified)	<i>Dermacentor</i> spp.	Northwestern and eastern U.S., western Canada
Canine ehrlichiosis	<i>E. canis</i>	<i>Rhipicephalus sanguineus</i>	34 states of southern and southwestern regions
Equine ehrlichiosis	<i>E. equi</i>	<i>Dermacentor</i> spp.	California, Illinois, Colorado, Florida
Potomac horse fever	<i>E. risticii</i>	?	Throughout U.S.
Anaplasmosis	<i>Anaplasma marginale</i>	<i>Dermacentor</i> spp.	Western and southern U.S.
Epizootic bovine abortion	<i>B. coriacea</i> (?)	<i>O. coriaceus</i>	Western U.S.