

Summary of Tick Testing for 2024

A total of 4,233 ticks were submitted by residents, health departments, and healthcare providers for identification in 2024. Of these, 3,303* blacklegged (aka deer) ticks were tested for evidence of infection with *Borrelia burgdorferi*, the causative organism for Lyme disease, and four additional commonly occurring pathogens in Connecticut and throughout the Northeast. The table below depicts the scientific and common names of the tick species and number of specimens received and examined.

Scientific Name	Common Name	Number of Ticks (%)
<i>Ixodes scapularis</i>	blacklegged or deer tick	3,437 (81.2%)
<i>Dermacentor variabilis</i>	American dog tick	560 (13.23%)
<i>Amblyomma americanum</i>	lone star tick	199 (4.7%)
<i>Haemaphysalis longicornis</i>	Asian longhorned tick	26 (0.61%)
<i>Ixodes cookei</i>	woodchuck tick	4 (0.09%)
<i>Amblyomma maculatum</i>	Gulf Coast tick	3 (0.07%)
<i>Ixodes</i> sp.	-	2 (0.05%)
<i>Rhipicephalus sanguineus</i>	brown dog tick	2 (0.05%)

Of the 3,303 ticks screened, 905 (27.4%) tested positive for *Borrelia burgdorferi* (the causative agent for Lyme disease), 161 (4.9%) for *Anaplasma phagocytophilum* (anaplasmosis), 348 (10.5%) for *Babesia microti* (babesiosis), 70 (2.1%) for *Borrelia miyamotoi* (*Borrelia miyamotoi* disease), and 13 (0.4%) for Powassan virus (Powassan virus disease). A total of 305 (9.2%) ticks were co-infected with two or more pathogens as depicted in the table below. The remainder of ticks (45.4%) tested negative.

Pathogen	Disease	Ticks Infected (%)
<i>Borrelia burgdorferi</i>	Lyme disease	905 (27.4%)
<i>Anaplasma phagocytophilum</i>	anaplasmosis	161 (4.9%)
<i>Babesia microti</i>	babesiosis	348 (10.5%)
<i>Borrelia miyamotoi</i>	<i>Borrelia miyamotoi</i> disease	70 (2.1%)
Powassan virus	Powassan virus disease	13 (0.4%)
<i>Borrelia</i> + <i>Anaplasma</i>	Lyme disease and anaplasmosis	79 (2.4%)
<i>Borrelia</i> + <i>Babesia</i>	Lyme disease and babesiosis	179 (5.4%)
<i>Anaplasma</i> + <i>Babesia</i>	anaplasmosis and babesiosis	29 (0.9%)
<i>Borrelia</i> + <i>Anaplasma</i> + <i>Babesia</i>	Lyme disease, anaplasmosis, and babesiosis	18 (0.5%)

*As of January 1, 2006, unengorged ticks are no longer tested for tick-borne pathogens. Research has shown that unengorged ticks (those that have not ingested blood) are unlikely to transmit disease-causing organisms.

The number of blacklegged ticks submitted from each town and the number infected are summarized in the following table for the year 2024. If the town is served by a health district, its totals are included with the town listed in the second column. For example, Ansonia is served by the Naugatuck Valley Health District, which is located in Seymour. Any ticks that may have been received from Ansonia through the health district are included in the totals for Seymour. Any ticks received from individuals in Ansonia would be listed separately for Ansonia. Those totals reflect the data for all the towns served by the health district. For a directory of local health departments and districts, see the state website at: <http://www.ct.gov/dph/localhealth>.

Town	Health District Town	Total Identified	Total Tested	Positive for <i>Borrelia</i> (%)	Positive for <i>Anaplasma</i> (%)	Positive for <i>Babesia</i> (%)	Positive for <i>Borrelia miyamotoi</i> (%)	Positive for Powassan virus (%)
Andover	Mansfield	6	4	3 (75%)	0 (0%)	1 (25%)	0 (0%)	0 (0%)
Ansonia	Seymour	7	5	1 (20%)	0 (0%)	1 (20%)	0 (0%)	0 (0%)
Ashford	Mansfield	2	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Avon	Canton	26	19	3 (16%)	2 (11%)	0 (0%)	0 (0%)	0 (0%)
Barkhamsted	Canton	6	6	3 (50%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Beacon Falls	Seymour	8	5	1 (20%)	0 (0%)	0 (0%)	0 (0%)	1 (20%)
Berlin	Wethersfield	6	4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Bethany	North Haven	26	22	10 (45%)	1 (5%)	3 (14%)	0 (0%)	0 (0%)
Bethel		36	29	10 (34%)	1 (3%)	3 (10%)	0 (0%)	0 (0%)
Bethlehem	Torrington	3	3	1 (33%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Bloomfield		23	16	4 (25%)	1 (6%)	2 (13%)	0 (0%)	0 (0%)
Bolton	Mansfield	4	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Bozrah	Norwich	1	1	1 (100%)	0 (0%)	1 (100%)	0 (0%)	0 (0%)
Branford		93	69	18 (26%)	2 (3%)	7 (10%)	2 (3%)	0 (0%)
Bridgeport		7	5	2 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Bridgewater	Newtown	4	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Bristol		28	17	5 (29%)	0 (0%)	2 (12%)	1 (6%)	0 (0%)
Brookfield		57	42	12 (29%)	2 (5%)	6 (14%)	2 (5%)	0 (0%)
Brooklyn		19	18	5 (28%)	2 (11%)	0 (0%)	0 (0%)	0 (0%)
Burlington	Bristol	6	4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Canaan	Torrington	4	3	2 (67%)	0 (0%)	1 (33%)	0 (0%)	0 (0%)
Canterbury	Brooklyn	8	7	0 (0%)	0 (0%)	1 (14%)	0 (0%)	0 (0%)
Canton		14	11	3 (27%)	1 (9%)	2 (18%)	0 (0%)	0 (0%)
Chaplin	Mansfield	0	0					
Cheshire		84	73	17 (23%)	4 (5%)	9 (12%)	1 (1%)	1 (1%)
Chester		4	4	3 (75%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Clinton	Old Saybrook	6	5	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Colchester	East Hampton	6	5	0 (0%)	1 (20%)	0 (0%)	0 (0%)	0 (0%)
Colebrook	Canton	1	1	1 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Columbia	Mansfield	3	3	2 (67%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Cornwall	Torrington	7	5	2 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Coventry	Mansfield	8	5	1 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Cromwell		13	7	1 (14%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Danbury		52	43	14 (33%)	3 (7%)	5 (12%)	1 (2%)	0 (0%)
Darien		62	28	8 (29%)	0 (0%)	6 (21%)	0 (0%)	0 (0%)
Deep River	Old Saybrook	11	11	3 (27%)	0 (0%)	0 (0%)	2 (18%)	0 (0%)
Derby	Seymour	5	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Durham		18	14	3 (21%)	2 (14%)	1 (7%)	0 (0%)	0 (0%)
East Granby	Canton	8	8	1 (13%)	0 (0%)	1 (13%)	0 (0%)	0 (0%)
East Haddam	East Hampton	10	8	2 (25%)	1 (13%)	0 (0%)	1 (13%)	0 (0%)
East Hampton		43	35	9 (26%)	3 (9%)	1 (3%)	1 (3%)	1 (3%)
East Hartford		2	1	1 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
East Haven	Branford	12	7	6 (86%)	0 (0%)	2 (29%)	0 (0%)	0 (0%)
East Lyme	New London	9	7	1 (14%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
East Windsor	Enfield	2	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Eastford	Brooklyn	3	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Easton		25	22	4 (18%)	4 (18%)	1 (5%)	1 (5%)	0 (0%)
Ellington	Enfield	9	8	2 (25%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Enfield		20	15	4 (27%)	0 (0%)	3 (20%)	0 (0%)	0 (0%)
Essex		23	17	7 (41%)	1 (6%)	2 (12%)	0 (0%)	0 (0%)

Town	Health District Town	Total Identified	Total Tested	Positive for <i>Borrelia</i> (%)	Positive for <i>Anaplasma</i> (%)	Positive for <i>Babesia</i> (%)	Positive for <i>Borrelia</i> <i>miyamotoi</i> (%)	Positive for Powassan virus (%)
Fairfield		111	77	19 (25%)	5 (6%)	9 (12%)	1 (1%)	0 (0%)
Farmington	Canton	18	11	2 (18%)	0 (0%)	0 (0%)	2 (18%)	0 (0%)
Franklin		7	5	1 (20%)	0 (0%)	1 (20%)	0 (0%)	0 (0%)
Glastonbury		36	25	7 (28%)	2 (8%)	3 (12%)	0 (0%)	0 (0%)
Goshen	Torrington	9	8	2 (25%)	0 (0%)	0 (0%)	1 (13%)	0 (0%)
Granby	Canton	15	9	1 (11%)	1 (11%)	0 (0%)	0 (0%)	0 (0%)
Greenwich		7	4	1 (25%)	0 (0%)	1 (25%)	0 (0%)	0 (0%)
Griswold	Norwich	4	4	1 (25%)	1 (25%)	0 (0%)	0 (0%)	0 (0%)
Groton	New London	14	10	2 (20%)	0 (0%)	0 (0%)	0 (0%)	1 (10%)
Guilford		64	48	11 (23%)	2 (4%)	7 (15%)	2 (4%)	0 (0%)
Haddam	Old Saybrook	8	6	2 (33%)	0 (0%)	2 (33%)	0 (0%)	0 (0%)
Hamden	North Haven	82	63	19 (30%)	3 (5%)	9 (14%)	2 (3%)	0 (0%)
Hampton	Brooklyn	0	0					
Hartford		6	6	2 (33%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Hartland	Canton	2	2	1 (50%)	1 (50%)	1 (50%)	0 (0%)	0 (0%)
Harwinton	Torrington	4	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Hebron	East Hampton	11	9	4 (44%)	0 (0%)	2 (22%)	0 (0%)	0 (0%)
Kent	Torrington	8	5	1 (20%)	1 (20%)	0 (0%)	0 (0%)	0 (0%)
Killingly	Brooklyn	8	8	2 (25%)	0 (0%)	1 (13%)	0 (0%)	0 (0%)
Killingworth		9	8	2 (25%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Lebanon	Norwich	4	3	1 (33%)	0 (0%)	1 (33%)	0 (0%)	0 (0%)
Ledyard	New London	4	4	1 (25%)	1 (25%)	0 (0%)	0 (0%)	0 (0%)
Lisbon	Norwich	5	4	1 (25%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Litchfield	Torrington	7	5	1 (20%)	1 (20%)	2 (40%)	0 (0%)	0 (0%)
Lyme		10	9	1 (11%)	0 (0%)	0 (0%)	0 (0%)	1 (11%)
Madison		40	32	8 (25%)	0 (0%)	3 (9%)	1 (3%)	0 (0%)
Manchester		15	13	2 (15%)	2 (15%)	2 (15%)	0 (0%)	0 (0%)
Mansfield		36	31	8 (26%)	2 (6%)	1 (3%)	0 (0%)	0 (0%)
Marlborough	East Hampton	3	3	2 (67%)	0 (0%)	1 (33%)	0 (0%)	0 (0%)
Meriden		26	17	8 (47%)	2 (12%)	0 (0%)	0 (0%)	0 (0%)
Middlebury	Torrington	12	11	5 (45%)	1 (9%)	1 (9%)	0 (0%)	0 (0%)
Middlefield		6	5	2 (40%)	0 (0%)	1 (20%)	0 (0%)	0 (0%)
Middletown		23	17	7 (41%)	0 (0%)	4 (24%)	0 (0%)	0 (0%)
Milford		118	54	12 (22%)	1 (2%)	7 (13%)	1 (2%)	1 (2%)
Monroe		70	65	25 (38%)	2 (3%)	9 (14%)	1 (2%)	0 (0%)
Montville	Norwich	5	3	2 (67%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Morris	Torrington	2	2	0 (0%)	1 (50%)	0 (0%)	0 (0%)	0 (0%)
Naugatuck	Seymour	14	11	3 (27%)	0 (0%)	1 (9%)	0 (0%)	0 (0%)
New Britain		7	6	1 (17%)	0 (0%)	1 (17%)	0 (0%)	0 (0%)
New Canaan		120	78	23 (29%)	1 (1%)	6 (8%)	2 (3%)	0 (0%)
New Fairfield		23	20	4 (20%)	3 (15%)	6 (30%)	0 (0%)	0 (0%)
New Hartford	Canton	8	6	1 (17%)	1 (17%)	0 (0%)	0 (0%)	0 (0%)
New Haven		64	48	11 (23%)	3 (6%)	8 (17%)	0 (0%)	0 (0%)
New London		78	56	15 (27%)	3 (5%)	8 (14%)	2 (4%)	0 (0%)
New Milford		21	18	4 (22%)	1 (6%)	2 (11%)	1 (6%)	0 (0%)
Newington	Wethersfield	6	2	1 (50%)	0 (0%)	1 (50%)	0 (0%)	0 (0%)
Newtown		194	159	50 (31%)	12 (8%)	16 (10%)	3 (2%)	0 (0%)
Norfolk	Torrington	5	5	2 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
North Branford	Branford	12	10	4 (40%)	1 (10%)	0 (0%)	1 (10%)	0 (0%)
North Canaan	Torrington	0	0					
North Haven		67	55	17 (31%)	3 (5%)	9 (16%)	1 (2%)	1 (2%)
North Stonington	New London	3	3	2 (67%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Norwalk		146	87	13 (15%)	5 (6%)	8 (9%)	0 (0%)	0 (0%)
Norwich		40	33	12 (36%)	2 (6%)	3 (9%)	0 (0%)	0 (0%)
Old Lyme	New London	12	7	4 (57%)	0 (0%)	1 (14%)	1 (14%)	0 (0%)
Old Saybrook		52	41	11 (27%)	1 (2%)	2 (5%)	2 (5%)	0 (0%)
Orange		20	17	8 (47%)	0 (0%)	1 (6%)	0 (0%)	0 (0%)
Oxford	Southbury	19	19	8 (42%)	0 (0%)	4 (21%)	0 (0%)	0 (0%)

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Plainfield	Brooklyn	9	8	2 (25%)	1 (13%)	1 (13%)	0 (0%)	0 (0%)
Plainville	Southington	6	4	1 (25%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Plymouth	Torrington	4	3	1 (33%)	1 (33%)	1 (33%)	0 (0%)	0 (0%)
Pomfret	Brooklyn	3	3	1 (33%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Portland	East Hampton	0	0					
Preston		4	4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Prospect	Cheshire	16	12	2 (17%)	1 (8%)	0 (0%)	1 (8%)	0 (0%)
Putnam	Brooklyn	0	0					
Redding		137	117	27 (23%)	4 (3%)	13 (11%)	2 (2%)	1 (1%)
Ridgefield		125	106	38 (36%)	10 (9%)	13 (12%)	1 (1%)	0 (0%)
Rocky Hill	Wethersfield	19	12	2 (17%)	0 (0%)	1 (8%)	1 (8%)	0 (0%)
Roxbury	Newtown	12	11	3 (27%)	1 (9%)	0 (0%)	0 (0%)	0 (0%)
Salem	Norwich	2	2	1 (50%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Salisbury	Torrington	7	6	1 (17%)	1 (17%)	1 (17%)	1 (17%)	0 (0%)
Scotland	Mansfield	0	0					
Seymour		52	41	9 (22%)	0 (0%)	6 (15%)	2 (5%)	0 (0%)
Sharon		4	3	2 (67%)	0 (0%)	1 (33%)	0 (0%)	0 (0%)
Shelton	Seymour	21	18	7 (39%)	0 (0%)	1 (6%)	0 (0%)	0 (0%)
Sherman		8	8	3 (38%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Simsbury	Canton	30	19	4 (21%)	2 (11%)	2 (11%)	0 (0%)	0 (0%)
Somers		3	2	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
South Windsor		17	9	1 (11%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Southbury		129	108	27 (25%)	5 (5%)	12 (11%)	3 (3%)	0 (0%)
Southington		30	25	6 (24%)	0 (0%)	2 (8%)	0 (0%)	0 (0%)
Sprague	Norwich	0	0					
Stafford	Enfield	16	14	7 (50%)	2 (14%)	1 (7%)	0 (0%)	1 (7%)
Stamford		144	117	16 (14%)	1 (1%)	11 (9%)	2 (2%)	0 (0%)
Sterling	Brooklyn	1	1	1 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Stonington	New London	13	11	6 (55%)	2 (18%)	1 (9%)	0 (0%)	0 (0%)
Stratford		57	24	4 (17%)	0 (0%)	1 (4%)	0 (0%)	0 (0%)
Suffield	Enfield	6	4	2 (50%)	0 (0%)	1 (25%)	0 (0%)	0 (0%)
Thomaston	Torrington	2	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Thompson	Brooklyn	2	2	2 (100%)	0 (0%)	1 (50%)	0 (0%)	0 (0%)
Tolland	Mansfield	15	12	2 (17%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Torrington		83	77	28 (36%)	5 (6%)	7 (9%)	4 (5%)	0 (0%)
Trumbull		126	95	20 (21%)	5 (5%)	8 (8%)	3 (3%)	0 (0%)
Union	Brooklyn	0	0					
Vernon	Enfield	5	5	3 (60%)	1 (20%)	1 (20%)	0 (0%)	0 (0%)
Voluntown	Norwich	0	0					
Wallingford		83	66	11 (17%)	2 (3%)	8 (12%)	1 (2%)	0 (0%)
Warren	Torrington	0	0					
Washington		23	17	5 (29%)	1 (6%)	4 (24%)	0 (0%)	1 (6%)
Waterbury		16	11	3 (27%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Waterford	New London	18	15	6 (40%)	0 (0%)	1 (7%)	3 (20%)	0 (0%)
Watertown	Torrington	8	7	2 (29%)	1 (14%)	0 (0%)	0 (0%)	0 (0%)
West Hartford	Bloomfield	15	12	3 (25%)	1 (8%)	0 (0%)	0 (0%)	0 (0%)
West Haven		19	8	3 (38%)	0 (0%)	2 (25%)	0 (0%)	0 (0%)
Westbrook		6	6	3 (50%)	0 (0%)	1 (17%)	0 (0%)	0 (0%)
Weston	Westport	8	8	3 (38%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Westport		213	164	40 (24%)	5 (3%)	16 (10%)	3 (2%)	2 (1%)
Wethersfield		8	8	1 (13%)	0 (0%)	0 (0%)	1 (13%)	0 (0%)
Willington	Mansfield	5	5	1 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Wilton		173	138	45 (33%)	9 (7%)	19 (14%)	0 (0%)	1 (1%)
Winchester	Torrington	2	1	1 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Windham	Enfield	4	3	1 (33%)	0 (0%)	0 (0%)	1 (33%)	0 (0%)
Windsor		12	8	3 (38%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Windsor Locks	Enfield	0	0					
Wolcott	Cheshire	1	0					
Woodbridge	North Haven	39	39	12 (31%)	4 (10%)	5 (13%)	2 (5%)	0 (0%)
Woodbury	Southbury	6	4	2 (50%)	0 (0%)	0 (0%)	2 (50%)	0 (0%)
Woodstock	Brooklyn	7	7	0 (0%)	0 (0%)	0 (0%)	1 (14%)	0 (0%)