Summary of Tick Testing for 2022

A total of 3,895 ticks were submitted by residents, health departments, and physicians' offices to the Connecticut Agricultural Experiment Station-Tick Testing Laboratory (CAES-TTL) for identification in 2022. Of these, 3,048 (78.3%) were identified as *Ixodes scapularis* (blacklegged or deer tick), 584 (15.0%) as *Dermacentor variabilis* (American dog tick), 247 (6.3%) as *Amblyomma americanum* (lone star tick), and 16 (0.4%) as other tick species.

Scientific Name	Common Name	Number of Ticks (%)
Ixodes scapularis	blacklegged or deer tick	3,048 (78.3%)
Dermacentor variabilis	American dog tick	584 (15.0%)
Amblyomma americanum	lone star tick	247 (6.3%)
Haemaphysalis longicornis	Asian longhorned tick	12 (0.3%)
A tick of the genus *Amblyomma*	exact species could not be determined	2 (0.05%)
A tick of the genus *Dermacentor*	exact species could not be determined	1 (0.03%)
Amblyomma maculatum	Gulf Coast tick	1 (0.03%)

A total of 2,950* adult female and nymphal blacklegged ticks were tested for evidence of infection with *Borrelia burgdorferi,* the causative organism for Lyme disease. Testing for additional tick-borne pathogens was established at the Tick Testing Laboratory in 2015 in response to an increase in human disease cases throughout the state. Blacklegged ticks screened for *B. burgdorferi* were also examined for evidence of infection with *Anaplasma phagocytophilum* and *Babesia microti,* the causative agents of anaplasmosis and babesiosis, respectively. Of the 2,950 ticks screened, 917 tested positive for *B. burgdorferi,* 157 for *A. phagocytophilum,* and 215 for *B. microti.* A total of 267 ticks were simultaneously co-infected with two or more pathogens as depicted in the table below.

Pathogen	Disease	Ticks Infected (%)
Borrelia burgdorferi	Lyme disease	917 (31.1%)
Anaplasma phagocytophilum	anaplasmosis	157 (5.3%)
Babesia microti	babesiosis	215 (7.3%)
Borrelia + Anaplasma	Lyme disease and anaplasmosis	93 (3.2%)
Borrelia + Babesia	Lyme disease and babesiosis	122 (4.1%)
Anaplasma + Babesia	anaplasmosis and babesiosis	28 (0.9%)
Borrelia + Anaplasma + Babesia	Lyme disease, anaplasmosis, and babesiosis	24 (0.8%)

*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 2022. 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 *Borrelia* (%)	Positive for *Anaplasma* (%)	Positive for *Babesia* (%)
Andover	Mansfield	9	8	1 (13%)	0 (0%)	0 (0%)
Ansonia	Seymour	4	3	1 (33%)	0 (0%)	1 (33%)
Ashford	Mansfield	3	3	2 (67%)	0 (0%)	0 (0%)
Avon	Canton	21	16	4 (25%)	0 (0%)	0 (0%)
Barkhamsted	Canton	5	1	1 (100%)	1 (100%)	0 (0%)
Beacon Falls	Seymour	6	6	4 (67%)	1 (17%)	0 (0%)
Berlin	Wethersfield	9	7	5 (71%)	0 (0%)	2 (29%)
Bethany	North Haven	33	31	9 (29%)	3 (10%)	1 (3%)
Bethel		47	39	15 (38%)	1 (3%)	3 (8%)
Bethlehem	Torrington	9	4	2 (50%)	0 (0%)	0 (0%)
Bloomfield		33	19	1 (5%)	0 (0%)	1 (5%)
Bolton	Mansfield	5	4	2 (50%)	0 (0%)	0 (0%)
Bozrah	Norwich	0	0			
Branford		68	41	9 (22%)	2 (5%)	1 (2%)
Bridgeport		15	8	0 (0%)	0 (0%)	0 (0%)
Bridgewater	Newtown	2	1	0 (0%)	0 (0%)	0 (0%)
Bristol		34	22	6 (27%)	2 (9%)	1 (5%)
Brookfield		45	31	12 (39%)	2 (6%)	1 (3%)
Brooklyn		3	3	1 (33%)	0 (0%)	0 (0%)
Burlington	Bristol	7	5	1 (20%)	0 (0%)	0 (0%)
Canaan	Torrington	2	2	1 (50%)	0 (0%)	0 (0%)
Canterbury	Brooklyn	6	6	1 (17%)	0 (0%)	1 (17%)
Canton		20	16	7 (44%)	0 (0%)	1 (6%)
Chaplin	Mansfield	0	0			
Cheshire		70	57	15 (26%)	2 (4%)	4 (7%)
Chester		5	1	1 (100%)	0 (0%)	0 (0%)
Clinton	Old Saybrook	6	4	1 (25%)	0 (0%)	0 (0%)
Colchester	East Hampton	5	3	1 (33%)	0 (0%)	0 (0%)
Colebrook	Canton	0	0			
Columbia	Mansfield	4	2	0 (0%)	0 (0%)	0 (0%)
Cornwall	Torrington	2	1	0 (0%)	0 (0%)	0 (0%)
Coventry	Mansfield	4	4	0 (0%)	0 (0%)	0 (0%)
Cromwell		4	2	0 (0%)	0 (0%)	0 (0%)
Danbury		45	36	7 (19%)	2 (6%)	6 (17%)
Darien		86	44	13 (30%)	2 (5%)	2 (5%)
Deep River	Old Saybrook	3	3	1 (33%)	0 (0%)	1 (33%)

Town	Health District Town	Total Identified	Total Tested	Positive for *Borrelia* (%)	Positive for *Anaplasma* (%)	Positive for *Babesia* (%)
Derby	Seymour	3	3	0 (0%)	0 (0%)	0 (0%)
Durham		8	8	4 (50%)	1 (13%)	1 (13%)
East Granby	Canton	2	2	0 (0%)	0 (0%)	0 (0%)
East Haddam	East Hampton	34	27	11 (41%)	2 (7%)	2 (7%)
East Hampton		46	34	11 (32%)	3 (9%)	1 (3%)
East Hartford		3	3	1 (33%)	0 (0%)	0 (0%)
East Haven	Branford	10	7	2 (29%)	1 (14%)	0 (0%)
East Lyme	New London	13	11	2 (18%)	0 (0%)	0 (0%)
East Windsor	Enfield	1	1	0 (0%)	0 (0%)	0 (0%)
Eastford	Brooklyn	4	2	1 (50%)	0 (0%)	1 (50%)
Easton		13	11	4 (36%)	1 (9%)	1 (9%)
Ellington	Enfield	5	5	5 (100%)	0 (0%)	1 (20%)
Enfield		20	15	9 (60%)	3 (20%)	1 (7%)
Essex		13	11	5 (45%)	0 (0%)	2 (18%)
Fairfield		105	82	20 (24%)	7 (9%)	7 (9%)
Farmington	Canton	15	9	1 (11%)	0 (0%)	1 (11%)
Franklin		6	6	3 (50%)	0 (0%)	0 (0%)
Glastonbury		31	22	4 (18%)	1 (5%)	2 (9%)
Goshen	Torrington	2	2	1 (50%)	0 (0%)	0 (0%)
Granby	Canton	17	11	5 (45%)	1 (9%)	1 (9%)
Greenwich		6	4	3 (75%)	0 (0%)	0 (0%)
Griswold	Norwich	2	2	1 (50%)	0 (0%)	0 (0%)
Groton	New London	15	9	4 (44%)	0 (0%)	0 (0%)
Guilford		76	43	13 (30%)	3 (7%)	4 (9%)
Haddam	Old Saybrook	10	9	2 (22%)	1 (11%)	2 (22%)
Hamden	North Haven	74	59	19 (32%)	2 (3%)	5 (8%)
Hampton	Brooklyn	0	0			
Hartford		10	8	2 (25%)	1 (13%)	0 (0%)
Hartland	Canton	0	0			
Harwinton	Torrington	8	6	2 (33%)	0 (0%)	1 (17%)
Hebron	East Hampton	13	13	2 (15%)	0 (0%)	0 (0%)
Kent	Torrington	4	3	1 (33%)	0 (0%)	2 (67%)
Killingly	Brooklyn	5	4	2 (50%)	0 (0%)	1 (25%)
Killingworth		8	8	3 (38%)	1 (13%)	1 (13%)
Lebanon	Norwich	7	7	1 (14%)	0 (0%)	0 (0%)
Ledyard	New London	10	9	6 (67%)	1 (11%)	2 (22%)

Town	Health District Town	Total Identified	Total Tested	Positive for *Borrelia* (%)	Positive for *Anaplasma* (%)	Positive for *Babesia* (%)
Lisbon	Norwich	0	0			
Litchfield	Torrington	5	4	1 (25%)	0 (0%)	0 (0%)
Lyme		0	0			
Madison		22	13	1 (8%)	0 (0%)	0 (0%)
Manchester		24	16	7 (44%)	2 (13%)	1 (6%)
Mansfield		41	33	17 (52%)	7 (21%)	5 (15%)
Marlborough	East Hampton	9	8	3 (38%)	0 (0%)	0 (0%)
Meriden		23	15	5 (33%)	1 (7%)	0 (0%)
Middlebury	Torrington	14	9	2 (22%)	0 (0%)	3 (33%)
Middlefield		1	1	1 (100%)	1 (100%)	1 (100%)
Middletown		34	21	6 (29%)	3 (14%)	0 (0%)
Milford		149	59	14 (24%)	1 (2%)	2 (3%)
Monroe		49	41	17 (41%)	1 (2%)	2 (5%)
Montville	Norwich	3	2	1 (50%)	0 (0%)	0 (0%)
Morris	Torrington	3	3	1 (33%)	1 (33%)	0 (0%)
Naugatuck	Seymour	2	2	0 (0%)	0 (0%)	0 (0%)
New Britain		3	2	1 (50%)	0 (0%)	1 (50%)
New Canaan		116	87	16 (18%)	2 (2%)	4 (5%)
New Fairfield		21	16	7 (44%)	1 (6%)	2 (13%)
New Hartford	Canton	9	7	1 (14%)	2 (29%)	0 (0%)
New Haven		52	35	10 (29%)	2 (6%)	4 (11%)
New London		82	58	24 (41%)	4 (7%)	9 (16%)
New Milford		14	10	4 (40%)	0 (0%)	0 (0%)
Newington	Wethersfield	2	1	0 (0%)	0 (0%)	0 (0%)
Newtown		206	171	61 (36%)	11 (6%)	11 (6%)
Norfolk	Torrington	2	1	0 (0%)	0 (0%)	0 (0%)
North Branford	Branford	7	4	1 (25%)	0 (0%)	0 (0%)
North Canaan	Torrington	0	0			
North Haven		39	28	8 (29%)	1 (4%)	2 (7%)
North Stonington	New London	3	3	1 (33%)	0 (0%)	0 (0%)
Norwalk		138	78	18 (23%)	2 (3%)	3 (4%)
Norwich		29	23	10 (43%)	2 (9%)	4 (17%)
Old Lyme	New London	11	7	3 (43%)	0 (0%)	1 (14%)
Old Saybrook		38	33	6 (18%)	0 (0%)	0 (0%)
Orange		21	19	8 (42%)	2 (11%)	2 (11%)
Oxford	Southbury	7	6	2 (33%)	1 (17%)	1 (17%)

Town	Health District Town	Total Identified	Total Tested	Positive for *Borrelia* (%)	Positive for *Anaplasma* (%)	Positive for *Babesia* (%)
Plainfield	Brooklyn	1	1	0 (0%)	0 (0%)	0 (0%)
Plainville	Southington	3	3	1 (33%)	0 (0%)	0 (0%)
Plymouth	Torrington	5	5	1 (20%)	0 (0%)	0 (0%)
Pomfret	Brooklyn	11	9	2 (22%)	1 (11%)	1 (11%)
Portland	East Hampton	5	4	3 (75%)	0 (0%)	0 (0%)
Preston		2	1	0 (0%)	0 (0%)	0 (0%)
Prospect	Cheshire	6	5	1 (20%)	0 (0%)	1 (20%)
Putnam	Brooklyn	0	0			
Redding		114	97	30 (31%)	4 (4%)	7 (7%)
Ridgefield		152	131	35 (27%)	8 (6%)	6 (5%)
Rocky Hill	Wethersfield	21	13	4 (31%)	0 (0%)	0 (0%)
Roxbury	Newtown	6	6	2 (33%)	0 (0%)	1 (17%)
Salem	Norwich	0	0			
Salisbury	Torrington	6	2	1 (50%)	0 (0%)	0 (0%)
Scotland	Mansfield	0	0			
Seymour		39	31	12 (39%)	1 (3%)	2 (6%)
Sharon		0	0			
Shelton	Seymour	40	28	6 (21%)	0 (0%)	1 (4%)
Sherman		4	4	0 (0%)	1 (25%)	0 (0%)
Simsbury	Canton	28	24	9 (38%)	1 (4%)	5 (21%)
Somers		6	4	1 (25%)	0 (0%)	1 (25%)
South Windsor		15	8	1 (13%)	0 (0%)	0 (0%)
Southbury		145	119	47 (39%)	10 (8%)	7 (6%)
Southington		18	8	3 (38%)	0 (0%)	1 (13%)
Sprague	Norwich	0	0			
Stafford	Enfield	9	9	4 (44%)	2 (22%)	1 (11%)
Stamford		154	125	35 (28%)	8 (6%)	11 (9%)
Sterling	Brooklyn	3	3	2 (67%)	1 (33%)	2 (67%)
Stonington	New London	4	2	0 (0%)	0 (0%)	0 (0%)
Stratford		50	27	6 (22%)	0 (0%)	1 (4%)
Suffield	Enfield	1	1	0 (0%)	0 (0%)	0 (0%)
Thomaston	Torrington	4	3	0 (0%)	0 (0%)	0 (0%)
Thompson	Brooklyn	2	2	0 (0%)	1 (50%)	0 (0%)
Tolland	Mansfield	3	3	2 (67%)	1 (33%)	0 (0%)
Torrington		65	54	19 (35%)	1 (2%)	9 (17%)
Trumbull		161	126	32 (25%)	9 (7%)	8 (6%)

Town	Health District Town	Total Identified	Total Tested	Positive for *Borrelia* (%)	Positive for *Anaplasma* (%)	Positive for *Babesia* (%)
Union	Brooklyn	0	0			
Vernon	Enfield	2	2	0 (0%)	0 (0%)	0 (0%)
Voluntown	Norwich	0	0			
Wallingford		55	38	12 (32%)	1 (3%)	3 (8%)
Warren	Torrington	1	1	1 (100%)	0 (0%)	0 (0%)
Washington		11	9	3 (33%)	0 (0%)	1 (11%)
Waterbury		20	13	2 (15%)	0 (0%)	0 (0%)
Waterford	New London	16	9	4 (44%)	0 (0%)	1 (11%)
Watertown	Torrington	4	2	1 (50%)	0 (0%)	0 (0%)
West Hartford	Bloomfield	10	7	3 (43%)	0 (0%)	0 (0%)
West Haven		20	13	2 (15%)	0 (0%)	0 (0%)
Westbrook		5	4	1 (25%)	0 (0%)	1 (25%)
Weston	Westport	15	13	2 (15%)	0 (0%)	2 (15%)
Westport		138	116	34 (29%)	2 (2%)	4 (3%)
Wethersfield		2	2	2 (100%)	0 (0%)	0 (0%)
Willington	Mansfield	2	2	1 (50%)	0 (0%)	0 (0%)
Wilton		131	100	27 (27%)	4 (4%)	6 (6%)
Winchester	Torrington	0	0			
Windham	Enfield	3	3	2 (67%)	1 (33%)	2 (67%)
Windsor		16	8	6 (75%)	0 (0%)	1 (13%)
Windsor Locks	Enfield	0	0			
Wolcott	Cheshire	4	3	0 (0%)	0 (0%)	0 (0%)
Woodbridge	North Haven	44	36	16 (44%)	3 (8%)	5 (14%)
Woodbury	Southbury	10	10	4 (40%)	2 (20%)	1 (10%)
Woodstock	Brooklyn	8	8	4 (50%)	1 (13%)	0 (0%)