

Mosquito Trapping Statistics for 2012 Season

(data complete as of 11/9/12)

Table showing mosquito species collected and tested for arboviruses in 2012

Species	Collected	% Collected	Tested for WNV	% Tested WNV	Tested for EEE	% Tested EEE
Coquillettidia perturbans	2457	23.40%	1644	35.16%	1644	35.16%
Culiseta melanura	1640	15.62%	1123	24.02%	1123	24.02%
Anopheles quadrimaculatus	1285	12.24%				
Aedes vexans	1074	10.23%	356	7.61%	356	7.61%
Culex territans	868	8.27%	176	3.76%	176	3.76%
Anopheles punctipennis	709	6.75%				
Ochlerotatus canadensis	645	6.14%	544	11.63%	544	11.63%
Culex pipiens-restuans	514	4.90%	511	10.93%	511	10.93%
Ochlerotatus trivittatus	304	2.90%				
Aedes cinereus	174	1.66%	4	0.09%	4	0.09%
Culiseta morsitans	154	1.47%	112	2.40%	112	2.40%
Uranotaenia sapphirina	144	1.37%	14	0.30%	14	0.30%
Ochlerotatus japonicus	143	1.36%	134	2.87%	134	2.87%
Culex pipiens	129	1.23%	40	0.86%	40	0.86%
Ochlerotatus triseriatus	86	0.82%				
Ochlerotatus stimulans	36	0.34%				
Psorophora ferox	33	0.31%				
Culex restuans	27	0.26%	12	0.26%	12	0.26%
Ochlerotatus excrucians	21	0.20%				0.00%
Culex salinarius	19	0.18%	6	0.13%	6	0.13%
Ochlerotatus intrudens	11	0.10%				
Anopheles walkeri	11	0.10%				
Ochlerotatus sticticus	5	0.05%				
Ochlerotatus aurifer	2	0.02%				
Ochlerotatus implicatus	2	0.02%				
Ochlerotatus fitchii	2	0.02%				
Psorophora ciliata	1	0.01%				
Anopheles earlei	1	0.01%				
Ochlerotatus communis	1	0.01%				
	10498	100%	4676	100%	4676	100%

- Number of active trap locations – 22
13 cdc trap sites, 7 resting box trap sites, 2 gravid trap sites
- Number of added surveillance trap locations – 22
19 cdc trap sites, 3 resting box trap sites
- Number of CDC Light trap collections– 84
- Number of mosquitoes collected in CDC Light Traps – 5,359
- Number of Resting Box trap collections (10 boxes each site) - 249
- Number of mosquitoes collected Resting Box traps – 4,475
- Number of Gravid trap collections – 25
- Number of mosquitoes collected Gravid traps – 664
- Total number of mosquito pool samples tested – 251
CDC light traps – 103 pools, Gravid traps – 19 pools, Resting box traps – 129 pools
- Number of blooded individual mosquitoes submitted for DNA and PCR testing – 809
- Total Number of EEE Positive Mosquito Pools – 10
- Total Number of WNV Positive Mosquito Pools – 1
- We found positive EEE mosquito pools in the following towns, reported by earliest town.

Whiting 1204	7/24/2012
Brandon 1231	7/24/2012
Whiting 1204	7/31/2012
Whiting 1204	8/6/2012
Whiting 1204	8/7/2012
Whiting 1204	8/14/2012
Whiting 1204	8/27/2012
Whiting 12005	9/8/2012
Whiting 1204	9/8/2012
Whiting 12228	9/8/2012
- Number of mosquitoes tested for EEE – 4676
- Additional viruses screened
- Number of species (out of 45 on state list) trapped – 29 species

Table showing county and number of weeks in 2012 that traps were run

County	# weeks trapped
Addison	18
Rutland	17

- Missing counties: 12
- Number of counties trapped 2 weeks or more – 2
- Number of towns trapped – 9