

# Mosquito Trapping Statistics for 2004

Table Showing Mosquito Species Collected and Tested in 2004

Species	Collected	% Collected	WNV Tested	% WNV Tested
<i>Aedes vexans</i>	137879	39.39%	45	0.12%
<i>Ochlerotatus trivittatus</i>	128657	36.76%		
<i>Culex pipiens-restuans</i>	37811	10.80%	36243	93.42%
<i>Coquillettidia perturbans</i>	20763	5.93%		
<i>Ochlerotatus stimulans</i>	4447	1.27%		
<i>Aedes cinereus</i>	4244	1.21%		
<i>Ochlerotatus sticticus</i>	3801	1.09%		
<i>Anopheles walkeri</i>	1354	0.39%		
<i>Ochlerotatus canadensis</i>	1349	0.39%		
<i>Ochlerotatus triseriatus</i>	1292	0.37%	391	1.01%
<i>Ochlerotatus aurifer</i>	1227	0.35%		
<i>Ochlerotatus communis</i>	1115	0.32%		
<i>Culex pipiens</i>	1053	0.30%	601	1.55%
<i>Culex restuans</i>	983	0.28%	770	1.98%
<i>Ochlerotatus japonicus</i>	981	0.28%	372	0.96%
<i>Ochlerotatus abserratus</i>	950	0.27%		
<i>Uranotaenia sapphirina</i>	475	0.14%		
<i>Ochlerotatus atropalpus</i>	448	0.13%	300	0.77%
<i>Ochlerotatus provocans</i>	321	0.09%		
<i>Anopheles punctipennis</i>	255	0.07%		
<i>Culiseta morsitans</i>	159	0.05%		
<i>Ochlerotatus hendersoni</i>	132	0.04%	75	0.19%
<i>Anopheles quadrimaculatus</i>	98	0.03%		
<i>Ochlerotatus excrucians</i>	84	0.02%		
<i>Ochlerotatus dorsalis</i>	24	0.01%		
<i>Culex territans</i>	19	0.01%		
<i>Culex species</i>	15	0.00%		
<i>Culex salinarius</i>	14	0.00%		
<i>Ochlerotatus fitchii</i>	13	0.00%		
<i>Culiseta minnesotae</i>	11	0.00%		
<i>Ochlerotatus species</i>	11	0.00%		
<i>Anopheles earlei</i>	11	0.00%		
<i>Anopheles barberi</i>	3	0.00%		
<i>Psorophora ciliata</i>	1	0.00%		
<i>Psorophora ferox</i>	1	0.00%		
<i>Ochlerotatus riparius</i>	1	0.00%		
<b>TOTALS</b>	<b>350002</b>	<b>100.00%</b>	<b>38797</b>	<b>100.00%</b>

- Number of Positive Mosquito Pools – 7
  - All were *Culex pipiens-restuans* (Mixed)
  - Representing two different sites in Chittenden County
    - One site had 6 positive pools, 4 different dates
      - Dates: 8/11, 8/22, 8/22, 8/28, 9/14, 9/14,
    - Other site had a single positive pool – date: 8/4
- Number of mosquitoes collected in Gravid Traps – 41833
- Number of mosquitoes collected in CDC Light Traps – 308134
- Number of mosquitoes tested for WNV – 38,805
- Number of mosquito pools tested – 1007
- Number of species (out of 42 on state list) trapped – 33 species
- Number of active locations – 402

Some locations had multiple traps that were pooled to get enough mosquitoes to test for WNV. Other sites were used for larval collections.

- Number of Gravid trap nights – 913 using cow manure attractant
- Number of CDC Light trap nights - 274
- Number of counties where mosquitoes were collected – 9

Table showing county and number of weeks that traps were run

County	#Weeks
Addison	14
Caledonia	12
Chittenden	16
Essex	12
Franklin	4
Grand Isle	11
Orleans	13
Rutland	10
Windsor	12

- Missing Counties: Bennington, Orange, Lamoille, Washington, Windham
- Number of counties trapped greater than 2 weeks – 9
- Number of personnel – 2 full time, 4 seasonal

*Aedes vexans* and *Ochlerotatus trivittatus*, two floodplain species, were the most abundant species collected in 2004, representing 39.39% and 36.76%, respectively, of the total number of mosquitoes. Significant numbers were mostly collected in Addison County after heavy late season (September) storm events brought abundant field flooding. Sites in the town of Bridport near the Lemon Fare River had enormous numbers of *Ochlerotatus trivittatus* in light traps at this time.