

**Table 1a. Vector Index for current week**

Week: 23	Mean abundance of females per trap night <sup>1</sup>		Estimate for proportion of females infected with WNV <sup>2</sup>		Vector Index		
	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	<i>Cx. pipiens</i> <sup>3</sup>	<i>Cx. tarsalis</i> <sup>4</sup>	All <i>Culex</i> <sup>5</sup>
FC – Zone NW	1.00	2.22	0	0	0	0	0
FC – Zone NE	0.10	1.00	0	0	0	0	0
FC – Zone SE	0.20	2.07	0	0	0	0	0
FC – Zone SW	0.11	0.89	0	0	0	0	0
FC – Citywide	0.33	1.60	0	0	0	0	0
LV	0.11	3.00	0	0	0	0	0

<sup>1</sup>From Table 2a (CDC light trap catches only).

<sup>2</sup>Derived from the data presented in Table 3a for estimated infection rate per 1,000 females (CDC light trap and gravid trap catches combined).

<sup>3</sup>Vector Index for *Cx. pipiens* = (Mean abundance of *Cx. pipiens* females per trap night) x (Estimate for proportion of all *Cx. pipiens* females infected with WNV).

<sup>4</sup>Vector Index for *Cx. tarsalis* = (Mean abundance of *Cx. tarsalis* females per trap night) x (Estimate for proportion of all *Cx. tarsalis* females infected with WNV).

<sup>5</sup>Vector Index for All *Culex* = (Vector Index for *Cx. pipiens*) + (Vector Index for *Cx. tarsalis*).

**Table 2a. Vector abundance for current week (CDC light trap catches only)**

Week: 23	Total number females collected			Number CDC light trap nights	Mean abundance of females per CDC light trap night		
	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	All <i>Culex</i>		<i>Cx. pipiens</i> <sup>1</sup>	<i>Cx. tarsalis</i> <sup>2</sup>	All <i>Culex</i> <sup>3</sup>
FC – Zone NW	9	20	29	9	1.00	2.22	3.22
FC – Zone NE	1	10	11	10	0.10	1.00	1.10
FC – Zone SE	3	31	34	15	0.20	2.07	2.27
FC – Zone SW	1	8	9	9	0.11	0.89	1.00
FC – Citywide	14	69	83	43	0.33	1.60	1.93
LV	4	108	112	36	0.11	3.00	3.11

<sup>1</sup>Mean abundance of *Cx. pipiens* females per CDC light trap night = (Total number *Cx. pipiens* females collected) / (Number CDC light trap nights).

<sup>2</sup>Mean abundance of *Cx. tarsalis* females per CDC light trap night = (Total number *Cx. tarsalis* females collected) / (Number CDC light trap nights).

<sup>3</sup>Mean abundance of All *Culex* females per CDC light trap night = (Total number All *Culex* females collected) / (Number CDC light trap nights).

**Table 3a. WNV infection rate per 1,000 females for current week (CDC light trap and gravid trap catches combined)**

Week: 23	Total number individuals examined			Total number pools examined			Total number WNV-infected pools			Estimate for WNV infection rate per 1,000 females <sup>1</sup>		
	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	All <i>Culex</i>	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	All <i>Culex</i>	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	All <i>Culex</i>	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	All <i>Culex</i>

FC – Zone NW	10	20	30	3	6	9	0	0	0	0	0	0
FC – Zone NE	8	9	17	5	6	11	0	0	0	0	0	0
FC – Zone SE	9	31	40	6	8	14	0	0	0	0	0	0
FC – Zone SW	4	8	12	2	2	4	0	0	0	0	0	0
FC – Citywide	31	68	99	16	22	38	0	0	0	0	0	0
LV	1	75	76	1	5	6	0	0	0	0	0	0

Maximum likelihood estimate (MLE) for WNV infection rate per 1,000 females calculated using the CDC PooledInfRate 4.0 plug-in for Excel.