

Table 1a. Vector Index for current week

Week: 24	Mean abundance of females per trap night ¹		Estimate for proportion of females infected with WNV ²		Vector Index		
	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	<i>Cx. pipiens</i>	<i>Cx. tarsalis</i>	<i>Cx. pipiens</i> ³	<i>Cx. tarsalis</i> ⁴	All <i>Culex</i> ⁵
FC – Zone NW	0.11	1.22	0	0	0	0	0
FC – Zone NE	0.40	0.50	0	0	0	0	0
FC – Zone SE	0	1.20	0	0	0	0	0
FC – Zone SW	0.33	0.33	0	0	0	0	0
FC – Citywide	0.19	0.86	0	0	0	0	0
LV	0.23	1.77	0	0	0	0	0

¹From Table 2a (CDC light trap catches only).

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

³Vector 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).

⁴Vector 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).

⁵Vector 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: 24	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> ¹	<i>Cx. tarsalis</i> ²	All <i>Culex</i> ³
FC – Zone NW	1	11	12	9	0.11	1.22	1.33
FC – Zone NE	4	5	9	10	0.40	0.50	0.90
FC – Zone SE	0	18	18	15	0.00	1.20	1.20
FC – Zone SW	3	3	6	9	0.33	0.33	0.67
FC – Citywide	8	37	45	43	0.19	0.86	1.05
LV	8	62	70	35	0.23	1.77	2.00

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

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

³Mean 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)

	Total number individuals	Total number pools	Total number	Estimate for WNV
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Week: 24	examined			examined			WNV-infected pools			infection rate per 1,000 females ¹		
	Cx. <i>pipiens</i>	Cx. <i>tarsalis</i>	All <i>Culex</i>	Cx. <i>pipiens</i>	Cx. <i>tarsalis</i>	All <i>Culex</i>	Cx. <i>pipiens</i>	Cx. <i>tarsalis</i>	All <i>Culex</i>	Cx. <i>pipiens</i>	Cx. <i>tarsalis</i>	All <i>Culex</i>
FC – Zone NW	3	11	14	2	6	8	0	0	0	0	0	0
FC – Zone NE	4	5	9	2	4	6	0	0	0	0	0	0
FC – Zone SE	12	18	30	2	5	7	0	0	0	0	0	0
FC – Zone SW	3	3	6	3	1	4	0	0	0	0	0	0
FC – Citywide	22	37	59	9	16	25	0	0	0	0	0	0
LV	0	4	4	0	4	4	0	0	0	0	0	0

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