

# VECTOR SURVEILLANCE IN NEW JERSEY

## EEE, WNV, SLE and LAC

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CDC WEEK 28: July 0 to July 16, 2011

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### *Culiseta melanura* and Eastern Equine Encephalitis

SITE	Inland / Coastal	Historic Mean	Current Weekly Mean	Total Tested to Date*	Total Pools Submitted /Tested <sup>†</sup>	EEE Isolations	MFIR
<b>Green Bank</b> (Burlington County)	Coastal	3.17	0.12	5 <sup>†</sup>	4	0	
<b>Corbin City</b> (Atlantic County)	Coastal	0.75	0.20	36 <sup>†</sup>	5	0	
<b>Dennisville</b> (Cape May County)	Coastal	4.47	0.64	105	7	0	
<b>Winslow</b> (Camden County)	Inland	2.58	0.48	209	8	0	
<b>Centerton</b> (Salem County)	Inland	2.50	0.32	156	7	0	
<b>Turkey Swamp</b> (Monmouth County)	Inland	0.89	0.22	43 <sup>†</sup>	16	0	
<b>Glassboro</b> (Gloucester County)	Inland	0.64	0.50	163	7	0	

\*Including trial run last week in May. † Adjusted.

**Remarks:** The 7 traditional resting box sites for the collection of *Culiseta melanura*, the primary enzootic vector, continue to show no detectable EEE activity, and low *Cs. melanura* populations. To date 717 *Cs. melanura* from 54 pools have tested negative. This reflects much of the current US picture with activity currently restricted to the US southeast.

One hundred seventeen additional pools containing 1,080 *Cs. melanura* have tested negative from other county trapping sites.

<b>Additional <i>Cs. melanura</i> trapped by counties</b>				
*traps with positives indicated in <b>BOLD</b> .				
<b>County</b>	<b>Trap types*</b>	<b>Number collected (pools)</b>	<b>Number of positives pools</b>	<b>MFIR</b>
Burlington	CO2	510 (19)	0	
Cape May	CO2, Gravid, RB	159 (25)	0	
Cumberland	CO2, Gravid, RB	93 (16)	0	
Gloucester	RB	276 (42)	0	
Ocean	CO2, Gravid, RB	28 (14)	0	
Sussex	CO2	14 (1)	0	
<b>TOTAL</b>		<b>605 (87)</b>	<b>0</b>	

The table below indicates non-*melanura* species tested for EEE:

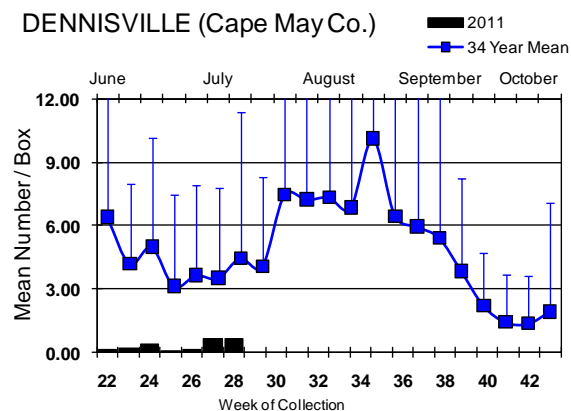
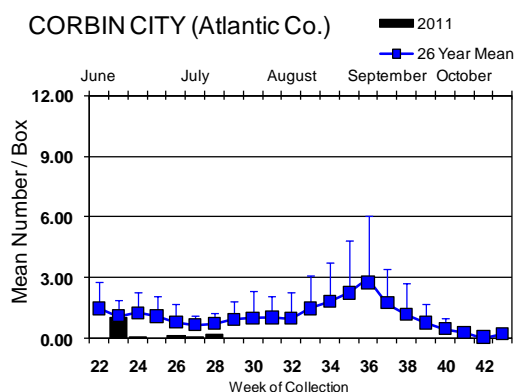
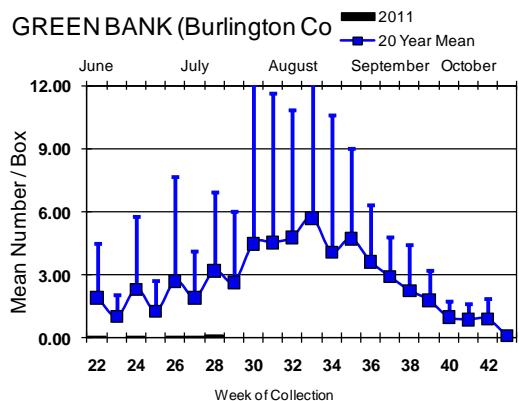
<b>Species other than <i>Cs. melanura</i></b>	<b>Pools</b>	<b>Mosquitoes</b>	<b>Positives</b>	<b>MFIR</b>
<i>Aedes albopictus</i>	3	7		
<i>Aedes atropalpus</i>	1	1		
<i>Aedes canadensis canadensis</i>	8	295		
<i>Aedes cantator</i>	15	173		
<i>Aedes grossbecki</i>	1	3		
<i>Aedes japonicus</i>	4	24		
<i>Aedes sollicitans</i>	12	88		
<i>Aedes sticticus</i>	1	3		
<i>Aedes taeniorhynchus</i>	10	229		
<i>Aedes thibaulti</i>	1	1		
<i>Aedes triseriatus</i>	4	8		
<i>Aedes vexans</i>	4	122		
<i>Anopheles barberi</i>	1	1		
<i>Anopheles bradleyi</i>	6	82		
<i>Anopheles punctipennis</i>	12	153		
<i>Anopheles quadrimaculatus</i>	13	178		
<i>Coquillettidia perturbans</i>	52	1201		
<i>Culex erraticus</i>	25	1075		
<i>Culex pipiens</i>	139	1283		
<i>Culex restuans</i>	8	9		
<i>Culex salinarius</i>	36	442		
<i>Culex</i> spp.	127	4740		
<i>Psorophora columbiae</i>	1	2		
<i>Psorophora howardii</i>	1	2		
<b>State Total</b>	<b>485</b>	<b>10,122</b>		

**Horses and Humans:** No positive horses or humans to date.

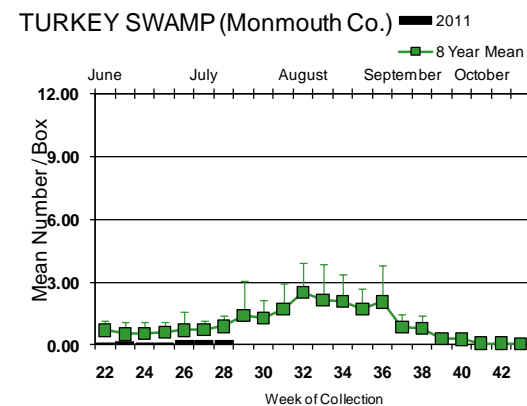
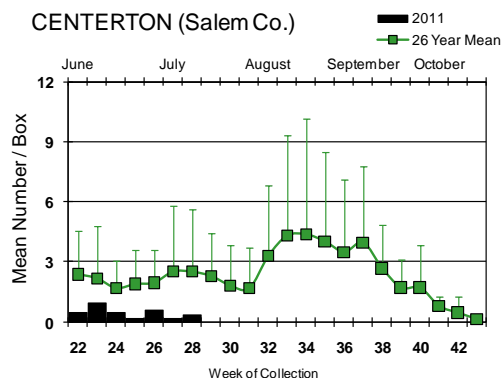
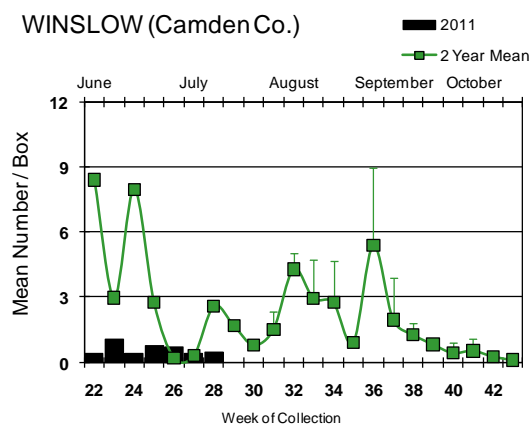
**Horses and Vaccinations:** The fate of unvaccinated equids reinforces the necessity of maintaining a vaccination schedule for arboviruses. For vaccination schedules recommended by the American Association of Equine Practices, see: [http://www.aaep.org/vaccination\\_guidelines.htm](http://www.aaep.org/vaccination_guidelines.htm)

# Culiseta melanura Population Graphs

## Coastal



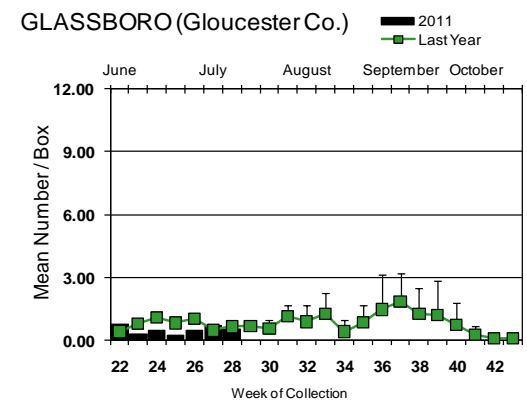
## Inland



Populations of *Culiseta melanura* continue to remain considerably below historical trends at all of the seven traditional resting box sites.

↓ = Positive pool(s) detected.

Note: Both Winslow and Glassboro have single point historical data (the previous year) for weeks 22 to 29.



**EEE in US (2011 cumulative cases):** (Black or Red = previous + new reported cases occurring)

- equine: 2(FL)
- mosquito pools:
- sentinel: 13 chickens/19 wild bird (FL)
- human:

**West Nile Virus**

**West Nile in US (2011 cumulative cases):** Single black values indicate no change from previous week. Black values / red values equals previous week/**New totals**.  
 Note: Data reported by all states should be considered provisional and subject to change. Sources for this table can be found [here](#).

	Birds	Mosquito Pools	Sentinels	Horses	Humans
Alabama					
Alaska					
Arizona	0	19/37	0	0	1
Arkansas					
California	37/44	46/89	3		
Colorado	0	0			0
Connecticut		1/2			0
Delaware					
DC					
Florida	1 flavi		31/36		
Georgia	0	14		1	0
Hawaii					
Idaho					
Illinois	2	4/15	0	0	0
Indiana	0	0		0	0
Iowa		1	1	0	0
Kansas					
Kentucky					
Louisiana					
Maine		0		0	0
Maryland					
Mass.		2/7		0	0
Michigan	0	0	0	0	0
Minnesota	1				
Mississippi		3		0	1
Missouri		22/34		0	0

	Birds	Mosquito Pools	Sentinels	Horses	Humans
Montana				0	0
Nebraska	1	3		0	0
Nevada					0
New Hampshire		0		0	0
New Jersey	0	9/11		0	0
New Mexico					0
New York		1		0	0
North Carolina					
North Dakota	0	0		3*	0
Ohio		3/4		0	0
Oklahoma					
Oregon	0	0	0	0	0
Pennsylvania	1/3	27/67		1*	0
Rhode Island		0		0	0
South Carolina	0	0		0	0
South Dakota		0		0	1
Tennessee	0	31/60		0	0
Texas	1	54		0	2
Utah		0	0	0	0
Vermont	0	0		0	0
Virginia		0	0	0	0
Washington	0	0		0	0
West Virginia					
Wisconsin	0	0		0	0
Wyoming		2		0	0

\* Other species (e.g., dogs) reported positive.

**Protocol:** New Jersey Department of Health and Senior Services (NJDHSS Public Health and Environmental Laboratories, PHEL) and the Cape May County Division of Mosquito Control tests mosquito pools using RT-PCR Taqman techniques.

**Mosquito Species Submitted for West Nile Virus Testing through 15 July 2011**

<b>Species</b>	<b>Pools</b>	<b>Mosquitoes</b>	<b>Positives</b>	<b>MFIR</b>
<i>Aedes albopictus</i>	98	355		
<i>Aedes atropalpus</i>	1	1		
<i>Aedes aurifer</i>	1	2		
<i>Aedes canadensis canadensis</i>	49	768		
<i>Aedes cantator</i>	27	200		
<i>Aedes cinereus</i>	2	4		
<i>Aedes grossbecki</i>	3	8		
<i>Aedes japonicus</i>	124	538		
<i>Aedes punctor*</i>	1	1		
<i>Aedes sollicitans</i>	16	104		
<i>Aedes sticticus</i>	2	24		
<i>Aedes stimulans</i>	3	45		
<i>Aedes taeniorhynchus</i>	14	276		
<i>Aedes thibaulti</i>	1	1		
<i>Aedes triseriatus</i>	81	203		
<i>Aedes trivittatus</i>	8	147		
<i>Aedes vexans</i>	35	330		
<i>Anopheles barberi</i>	1	1		
<i>Anopheles bradleyi</i>	9	92		
<i>Anopheles punctipennis</i>	29	182		
<i>Anopheles quadrimaculatus</i>	29	277		
<i>Coquillettidia perturbans</i>	70	1315		
<i>Culex erraticus</i>	27	1078		
<i>Culex pipiens</i>	263	5325	5	0.939
<i>Culex restuans</i>	235	1661		
<i>Culex salinarius</i>	39	460		
<i>Culex spp.</i>	830	34984	6	0.172
<i>Culiseta melanura</i>	175	1822		
<i>Psorophora ciliata</i>	1	1		
<i>Psorophora columbiae</i>	1	2		
<i>Psorophora ferox</i>	9	77		
<i>Psorophora howardii</i>	1	2		
<i>Uranotaenia sapphirina</i>	1	8		
<b>State Total</b>	<b>2,186</b>	<b>50,294</b>	<b>11</b>	<b>0.219</b>

**Remarks:** To date, there have been 50,294 mosquitoes tested in 2,186 pools of 31 species (awaiting confirmation of the *Aedes punctor* sample as this has previously been mistakenly entered as this species and may be an *Anopheles punctipennis* sample [similar 3 letter code]). Currently, eleven positive pools have been detected last week in *Culex pipiens* or Mixed *Culex* pools from Bergen, Gloucester, Hunterdon, Middlesex and Warren County. Dates samples were collected were between 28 June and 7 July.

**Humans, Horses and Wild Birds:** There are no positive human or horse cases reported.

Bird testing began in mid-April. Twenty-four birds have been tested with no positives detected. Species include American Crow *Corvus brachyrhynchos* (1), Blue Jays *Cyanocitta cristata* (3), Fish Crows *Corvus ossifragus* (8) and Other (non-corvid) species (12). The birds were submitted from Atlantic, Burlington, Cape May, Cumberland, Gloucester, Monmouth, Ocean and Warren counties.

2011 Positive Mosquito pools to date / Total Mosquito Pools Submitted	This time last year
11 / 2186 (0.005%)	66 / 1646 (.025%)
2011 Positive Birds to date / Total Birds Submitted	This time last year
0 / 24 (0%)	5 / 49 (0.03%)

**WNV Results by County through 15 July 2011**

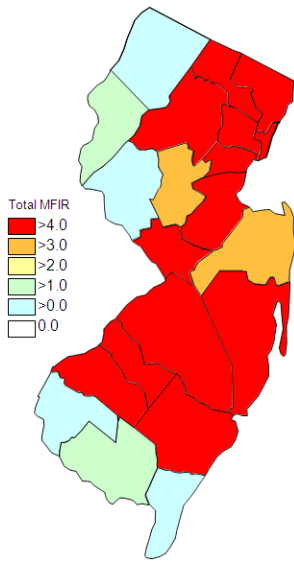
<b>County</b>	<b>Species</b>	<b>Pools</b>	<b>Mosquitoes</b>	<b>Positives</b>	<b>MFIR</b>
<b>Atlantic</b>		<b>82</b>	<b>2676</b>		
	<i>Aedes albopictus</i>	4	53		
	<i>Aedes canadensis canadensis</i>	2	9		
	<i>Aedes cantator</i>	3	20		
	<i>Aedes japonicus</i>	2	8		
	<i>Aedes sollicitans</i>	1	7		
	<i>Aedes taeniorhynchus</i>	1	29		
	<i>Aedes thibaulti</i>	1	1		
	<i>Aedes triseriatus</i>	2	6		
	<i>Aedes vexans</i>	5	40		
	<i>Anopheles bradleyi</i>	1	5		
	<i>Coquillettidia perturbans</i>	4	57		
	<i>Culex restuans</i>	1	1		
	<i>Culex spp.</i>	48	2371		
	<i>Culiseta melanura</i>	6	58		
	<i>Psorophora ferox</i>	1	11		
<b>Bergen</b>		<b>15</b>	<b>1125</b>	<b>2</b>	<b>1.778</b>
	<i>Culex spp.</i>	15	1125	2	1.778
<b>Burlington</b>		<b>183</b>	<b>6542</b>		
	<i>Aedes albopictus</i>	3	7		
	<i>Aedes atropalpus</i>	1	1		
	<i>Aedes canadensis canadensis</i>	7	290		
	<i>Aedes cantator</i>	2	63		
	<i>Aedes grossbecki</i>	1	3		
	<i>Aedes japonicus</i>	4	24		
	<i>Aedes sollicitans</i>	4	64		
	<i>Aedes sticticus</i>	1	3		
	<i>Aedes taeniorhynchus</i>	4	14		
	<i>Aedes triseriatus</i>	3	6		
	<i>Aedes vexans</i>	4	122		
	<i>Anopheles bradleyi</i>	1	73		
	<i>Anopheles punctipennis</i>	2	13		
	<i>Coquillettidia perturbans</i>	21	701		
	<i>Culex erraticus</i>	1	3		
	<i>Culex pipiens</i>	3	24		
	<i>Culex salinarius</i>	10	80		
	<i>Culex spp.</i>	86	4532		
	<i>Culiseta melanura</i>	23	515		
	<i>Psorophora columbiae</i>	1	2		
	<i>Psorophora howardii</i>	1	2		
<b>Camden</b>		<b>78</b>	<b>1813</b>		
	<i>Aedes albopictus</i>	12	22		
	<i>Aedes japonicus</i>	12	37		
	<i>Aedes punctor*</i>	1	1		
	<i>Aedes triseriatus</i>	2	5		
	<i>Culex spp.</i>	43	1539		
	<i>Culiseta melanura</i>	8	209		
<b>Cape May</b>		<b>653</b>	<b>6655</b>		
	<i>Aedes albopictus</i>	12	19		

<i>Aedes canadensis canadensis</i>	15	330		
<i>Aedes cantator</i>	12	86		
<i>Aedes japonicus</i>	27	78		
<i>Aedes sollicitans</i>	8	24		
<i>Aedes taeniorhynchus</i>	8	232		
<i>Aedes triseriatus</i>	21	44		
<i>Anopheles bradleyi</i>	6	13		
<i>Anopheles punctipennis</i>	3	4		
<i>Anopheles quadrimaculatus</i>	15	94		
<i>Coquillettidia perturbans</i>	16	298		
<i>Culex erraticus</i>	23	1071		
<i>Culex pipiens</i>	166	1899		
<i>Culex restuans</i>	218	1635		
<i>Culex salinarius</i>	26	362		
<i>Culex</i> spp.	45	202		
<i>Culiseta melanura</i>	32	264		
<b>Cumberland</b>	<b>58</b>	<b>625</b>		
<i>Aedes albopictus</i>	4	4		
<i>Aedes canadensis canadensis</i>	2	6		
<i>Aedes japonicus</i>	1	7		
<i>Aedes triseriatus</i>	7	14		
<i>Aedes vexans</i>	1	2		
<i>Anopheles punctipennis</i>	1	2		
<i>Coquillettidia perturbans</i>	8	136		
<i>Culex erraticus</i>	1	1		
<i>Culex pipiens</i>	1	7		
<i>Culex restuans</i>	2	5		
<i>Culex</i> spp.	14	348		
<i>Culiseta melanura</i>	16	93		
<b>Essex</b>	<b>158</b>	<b>3862</b>		
<i>Aedes albopictus</i>	11	41		
<i>Aedes canadensis canadensis</i>	2	8		
<i>Aedes grossbecki</i>	2	5		
<i>Aedes japonicus</i>	17	90		
<i>Aedes sticticus</i>	1	21		
<i>Aedes stimulans</i>	3	45		
<i>Aedes triseriatus</i>	14	37		
<i>Aedes vexans</i>	9	76		
<i>Culex</i> spp.	98	3525		
<i>Psorophora ferox</i>	1	14		
<b>Gloucester</b>	<b>167</b>	<b>4184</b>	<b>5</b>	<b>1.195</b>
<i>Aedes albopictus</i>	5	22		
<i>Aedes japonicus</i>	7	33		
<i>Aedes triseriatus</i>	3	8		
<i>Anopheles punctipennis</i>	6	131		
<i>Anopheles quadrimaculatus</i>	8	163		
<i>Coquillettidia perturbans</i>	1	1		
<i>Culex pipiens</i>	88	3387	5	1.476
<i>Culiseta melanura</i>	49	439		
<b>Hudson</b>	<b>30</b>	<b>1998</b>		
<i>Culex</i> spp.	30	1998		

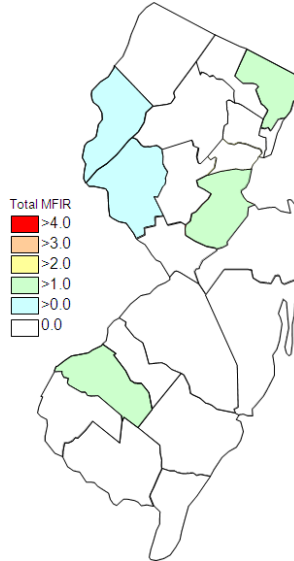


<b>Hunterdon</b>	<b>30</b>	<b>1500</b>	<b>1</b>	<b>0.667</b>
<i>Culex</i> spp.	30	1500	1	0.667
<b>Middlesex</b>	<b>41</b>	<b>1727</b>	<b>2</b>	<b>1.158</b>
<i>Aedes albopictus</i>	2	15		
<i>Aedes japonicus</i>	5	63		
<i>Culex</i> spp.	34	1649	2	1.213
<b>Monmouth</b>	<b>158</b>	<b>1612</b>		
<i>Aedes albopictus</i>	12	13		
<i>Aedes canadensis canadensis</i>	12	98		
<i>Aedes cantator</i>	6	26		
<i>Aedes japonicus</i>	17	63		
<i>Aedes sollicitans</i>	3	9		
<i>Aedes taeniorhynchus</i>	1	1		
<i>Aedes triseriatus</i>	10	29		
<i>Aedes trivittatus</i>	2	3		
<i>Aedes vexans</i>	5	13		
<i>Anopheles barberi</i>	1	1		
<i>Anopheles punctipennis</i>	6	12		
<i>Coquillettidia perturbans</i>	6	29		
<i>Culex pipiens</i>	2	3		
<i>Culex restuans</i>	3	3		
<i>Culex salinarius</i>	1	16		
<i>Culex</i> spp.	49	1203		
<i>Culiseta melanura</i>	18	45		
<i>Psorophora ciliata</i>	1	1		
<i>Psorophora ferox</i>	3	44		
<b>Morris</b>	<b>30</b>	<b>1350</b>		
<i>Culex</i> spp.	30	1350		
<b>Ocean</b>	<b>133</b>	<b>819</b>		
<i>Aedes albopictus</i>	26	128		
<i>Aedes canadensis canadensis</i>	5	5		
<i>Aedes cantator</i>	4	5		
<i>Aedes japonicus</i>	14	32		
<i>Aedes triseriatus</i>	7	14		
<i>Aedes trivittatus</i>	1	1		
<i>Aedes vexans</i>	6	15		
<i>Anopheles bradleyi</i>	1	1		
<i>Anopheles punctipennis</i>	2	2		
<i>Coquillettidia perturbans</i>	8	73		
<i>Culex erraticus</i>	1	1		
<i>Culex restuans</i>	5	6		
<i>Culex salinarius</i>	2	2		
<i>Culex</i> spp.	34	502		
<i>Culiseta melanura</i>	14	28		
<i>Psorophora ferox</i>	3	4		
<b>Passaic</b>	<b>30</b>	<b>947</b>		
<i>Aedes canadensis canadensis</i>	1	3		
<i>Aedes japonicus</i>	2	19		
<i>Aedes triseriatus</i>	2	15		

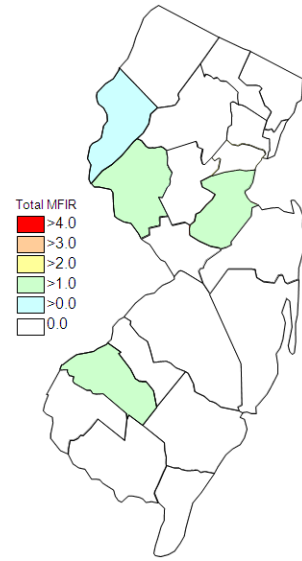
	<i>Aedes trivittatus</i>	1	19		
	<i>Anopheles punctipennis</i>	1	1		
	<i>Coquillettidia perturbans</i>	1	3		
	<i>Culex</i> spp.	22	887		
<b>Salem</b>		<b>75</b>	<b>775</b>		
	<i>Aedes albopictus</i>	1	1		
	<i>Aedes aurifer</i>	1	2		
	<i>Aedes canadensis canadensis</i>	3	19		
	<i>Aedes japonicus</i>	11	35		
	<i>Aedes triseriatus</i>	7	16		
	<i>Aedes vexans</i>	3	21		
	<i>Anopheles punctipennis</i>	6	8		
	<i>Anopheles quadrimaculatus</i>	4	5		
	<i>Coquillettidia perturbans</i>	3	15		
	<i>Culex erraticus</i>	1	2		
	<i>Culex pipiens</i>	3	5		
	<i>Culex restuans</i>	3	4		
	<i>Culex</i> spp.	22	486		
	<i>Culiseta melanura</i>	7	156		
<b>Somerset</b>		<b>30</b>	<b>549</b>		
	<i>Aedes albopictus</i>	2	5		
	<i>Aedes japonicus</i>	3	40		
	<i>Aedes triseriatus</i>	3	9		
	<i>Coquillettidia perturbans</i>	1	1		
	<i>Culex</i> spp.	21	494		
<b>Sussex</b>		<b>55</b>	<b>2423</b>		
	<i>Culex restuans</i>	3	7		
	<i>Culex</i> spp.	51	2402		
	<i>Culiseta melanura</i>	1	14		
<b>Union</b>		<b>25</b>	<b>897</b>		
	<i>Aedes albopictus</i>	4	25		
	<i>Aedes japonicus</i>	2	9		
	<i>Culex</i> spp.	19	863		
<b>Warren</b>		<b>155</b>	<b>8215</b>	<b>1</b>	<b>0.122</b>
	<i>Aedes cinereus</i>	2	4		
	<i>Aedes trivittatus</i>	4	124		
	<i>Aedes vexans</i>	2	41		
	<i>Anopheles punctipennis</i>	2	9		
	<i>Anopheles quadrimaculatus</i>	2	15		
	<i>Coquillettidia perturbans</i>	1	1		
	<i>Culex</i> spp.	139	8008	1	0.125
	<i>Culiseta melanura</i>	1	1		
	<i>Psorophora ferox</i>	1	4		
	<i>Uranotaenia sapphirina</i>	1	8		
<b>Grand Total</b>		<b>2,186</b>	<b>50,294</b>	<b>11</b>	<b>0.219</b>



Cumulative WNV activity in 2010.



WNV activity to 15 July 2011.



WNV activity last week, 2011.

## Saint Louis Encephalitis (SLE) through 15 July 2011.

New Jersey will be selectively testing for SLE this year. SLE has had previous activity in New Jersey, most notably in 1964 and 1975 (CDC's SLE [website](#)), the latter prompting the surveillance reporting by Rutgers. SLE is a flavivirus and has a similar transmission pattern to West Nile, with *Culex* species as the predominant vectors.

No pools have tested positive for SLE to date in 2011.

County	Species	Pools	Mosquitoes	Positives	MFIR
<b>Burlington</b>		<b>180</b>	<b>6602</b>		
	<i>Aedes albopictus</i>	3	7		
	<i>Aedes atropalpus</i>	1	1		
	<i>Aedes canadensis canadensis</i>	7	290		
	<i>Aedes cantator</i>	2	63		
	<i>Aedes grossbecki</i>	1	3		
	<i>Aedes japonicus</i>	4	24		
	<i>Aedes sollicitans</i>	4	64		
	<i>Aedes sticticus</i>	1	3		
	<i>Aedes taeniorhynchus</i>	4	14		
	<i>Aedes triseriatus</i>	3	6		
	<i>Aedes vexans</i>	4	122		
	<i>Anopheles bradleyi</i>	1	73		
	<i>Anopheles punctipennis</i>	2	13		
	<i>Coquillettidia perturbans</i>	21	701		
	<i>Culex erraticus</i>	1	3		
	<i>Culex pipiens</i>	3	24		
	<i>Culex salinarius</i>	10	80		
	<i>Culex</i> spp.	87	4597		
	<i>Culiseta melanura</i>	19	510		
	<i>Psorophora columbiae</i>	1	2		
	<i>Psorophora howardii</i>	1	2		
<b>Camden</b>		<b>70</b>	<b>1604</b>		
	<i>Aedes albopictus</i>	12	22		
	<i>Aedes japonicus</i>	12	37		
	<i>Aedes punctor*</i>	1	1		
	<i>Aedes triseriatus</i>	2	5		
	<i>Culex</i> spp.	43	1539		
<b>Essex</b>		<b>12058</b>	<b>3862</b>		
	<i>Aedes albopictus</i>	11	41		
	<i>Aedes canadensis canadensis</i>	2	8		
	<i>Aedes grossbecki</i>	2	5		
	<i>Aedes japonicus</i>	17	90		
	<i>Aedes sticticus</i>	1	21		
	<i>Aedes stimulans</i>	3	45		
	<i>Aedes triseriatus</i>	14	37		
	<i>Aedes vexans</i>	9	76		
	<i>Culex</i> spp.	98	3525		
	<i>Psorophora ferox</i>	1	14		

<b>Hudson</b>		<b>30</b>	<b>1998</b>		
	<i>Culex</i> spp.	30	1998		
<b>Grand Total</b>		<b>438</b>	<b>14,066</b>		

## La Crosse Encephalitis (LAC) through 15 July 2011.

New Jersey will be selectively testing for La Crosse (LAC) virus this year. New Jersey has had 3 cases of this encephalitic disease since 1964 (see CDC's LAC [website](#)). The mortality is low but like other encephalitides, LAC can have both personal (lasting neurological sequelae) and economic impacts. LAC is a bunyavirus with a transmission cycle involving mosquitoes such as *Aedes triseriatus* and small mammals such as squirrels and chipmunks. LAC can not only infect *Aedes albopictus* but transovarial transmission was also demonstrated. (Tesh and Gubler 1975 Laboratory studies of transovarial transmission of La Crosse and other arboviruses by *Aedes albopictus* and *Culex fatigans*. American Journal of Tropical Medicine and Hygiene 24(5):876-880).

No pools tested positive to date for 2011.

County	Species	Pools	Mosquitoes	Positives	MFIR
<b>Cape May</b>		<b>22</b>	<b>45</b>		
	<i>Aedes japonicus</i>	1	1		
	<i>Aedes triseriatus</i>	21	44		
<b>Cumberland</b>		<b>9</b>	<b>18</b>		
	<i>Aedes triseriatus</i>	9	18		
<b>Salem</b>		<b>7</b>	<b>16</b>		
	<i>Aedes triseriatus</i>	7	16		
<b>Grand Total</b>		<b>38</b>	<b>79</b>		