

## Florida Mosquito-Borne Disease Summary for the Week of May 3-9, 2009

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During the period May 3-9, 2009, the following arboviral activity (St. Louis encephalitis virus [SLEV], Eastern equine encephalitis virus [EEEV], Highlands J virus [HJV], West Nile virus [WNV], California encephalitis group viruses [CEV]) was recorded in Florida:

**EEEV activity:** Two live wild birds captured from Okaloosa and Santa Rosa counties tested positive for antibodies to EEEV.

**WNV/SLEV activity:** None this week.

**HJV activity:** There were two seroconversions to HJV in sentinel chickens from Walton County.

**CEV activity:** None this week.

### Advisories/Alerts:

Volusia County is under a mosquito-borne illness advisory. No other counties are currently under mosquito-borne illness alert or advisory.

### Sentinel Chickens:

There were two seroconversions to HJV in sentinel chickens from Walton County.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Walton (North)	4/17/09				4.26	2 HJV

### Live Wild Birds:

Out of 24 live birds collected from three counties on April 27-30, one common grackle from Okaloosa County and one northern mockingbird from Santa Rosa County tested positive for antibodies to EEE virus.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Okaloosa	4/27/09	1			Common grackle	1 out of 9	N/A
Santa Rosa	4/28/09	1			Northern mockingbird	1 out of 9	N/A

### Dead Bird Reports:

The Fish and Wildlife Conservation Commission (FWC) collects reports of dead birds, which can be an indication of arbovirus circulation in an area. This week, 22 reports representing 43 dead birds were received from 9 counties. One was identified as a crow and six as raptors. None were identified as jays. Please note that FWC collects reports of birds that have died from a variety of causes, not only arboviruses. Dead birds should be reported to [www.myfwc.com/bird/](http://www.myfwc.com/bird/). See the web page for more information: <http://www.doh.state.fl.us/Environment/medicine/arboviral/index.html>