

## Florida Mosquito-Borne Disease Summary for the Week of January 18-24, 2009

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During the period January 18-24, 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: One EEEV-confirmed positive horse was reported from Gilchrist County. One live wild bird captured from Santa Rosa County tested positive for antibodies to EEEV this week.

WNV/SLEV activity: None this week.

HJV activity: There was one seroconversion to HJV in a sentinel chicken from Orange County.

CEV activity: None this week.

### Advisories/Alerts:

There are currently no counties under mosquito-borne illness alert or advisory.

### Mammals:

One horse tested positive for EEEV this week in Gilchrist County. This was the first for this county and the 2<sup>nd</sup> for the state this year.

County	Onset Date	Species	SLE	WNV	EEE	Status
Gilchrist	1/9/2009	Horse			1	Euthanized

### Sentinel Chickens:

There was one seroconversion to HJV from Orange County.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Orange	12/26/2008				2.08	1 HJV

### Live Wild Birds:

Out of 59 live birds collected from two counties from January 6 – 15, one from Santa Rosa County tested positive for antibodies to EEE virus during the week of January 6.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Santa Rosa	01/06/2009	1			House sparrow	1 out of 11	NA

### 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, 21 reports representing 24 dead birds were received from four counties. None of the birds were crows, jays, or raptors. 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/community/arboviral/index.html> . The Disease Outbreak Information Hotline offers recorded updates on medical alert status and surveillance at 888.880.5782.