

Florida Mosquito-Borne Disease Summary for the Week of April 26-May 2, 2009

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During the period April 26-May 2, 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 live wild bird captured from Okaloosa County 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)	4/9/09				4.9	2 HJV

Live Wild Birds:

Out of 27 live birds collected from three counties on April 20-23, one blue jay from Okaloosa County tested positive for antibodies to EEE virus.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Okaloosa	4/20/09	1			Blue Jay	1 out of 10	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, 8 reports representing 17 dead birds were received from 6 counties. Two were identified as crows and three as jays. None were identified as 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/. See the web page for more information: <http://www.doh.state.fl.us/Environment/medicine/arboviral/index.html>