

Florida Mosquito-Borne Disease Summary for the Week of September 21-27, 2008

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During the period September 21-27, 2008, 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: There were four seroconversions to EEEV in sentinel chickens from Alachua (2), Leon (1) and Putnam (1) counties. One live wild bird captured from Santa Rosa County tested positive for antibodies to EEEV.

WNV/SLEV activity: There was one seroconversion to WNV in a sentinel chicken from Bay County.

HJV activity: None this week.

CEV activity: None this week.

Sentinel Chickens:

There was one seroconversion to WNV in Bay County, and four seroconversions to EEE virus in Alachua, Leon, and Putnam counties.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Alachua	9/15, 9/16			3.77		2 EEEV
Bay	9/16		5.56			1 WNV
Leon	9/2			5.00		2 EEEV (1 reported last week)
Putnam	8/18			2.50		1 EEEV

Live Wild Birds:

Out of 13 birds collected from two counties on 9/8-9/11, one from Santa Rosa County tested positive for antibodies to EEE virus.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Santa Rosa	9/9	1			1 Blue Jay	1 out of 7	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, 15 reports representing 37 dead birds were received from 10 counties. Two 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/community/arboviral/index.html> . The Disease Outbreak Information Hotline offers recorded updates on medical alert status and surveillance at 888.880.5782.