

Florida Mosquito-Borne Disease Summary for the Week of May 10-16, 2009

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During the period May 10-16, 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: There was one seroconversion to EEEV in a sentinel chicken from Walton County.

WNV/SLEV activity: None this week.

HJV activity: There was one seroconversion to HJV in a sentinel chicken from St. Johns 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 was one seroconversion to EEEV in a sentinel chicken from Walton County and one seroconversion to HJV in a sentinel chicken from St. Johns County.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Walton (South)	4/27/09			1.2		1 EEEV
St. Johns	4/20/09				1.5	1 HJV

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, three reports representing three dead birds were received from three counties. None were identified as a crows or jays, one was identified as a raptor. 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/. See the web page for more information: <http://www.doh.state.fl.us/Environment/medicine/arboviral/index.html>