

Florida Arbovirus Surveillance
Week 11: March 14-20, 2010

Arbovirus surveillance in Florida includes endemic viruses West Nile virus (WNV), Eastern equine encephalitis virus (EEEV), St. Louis encephalitis virus (SLEV), and Highlands J virus (HJV) and imported viruses such as Dengue virus (DENV) and California encephalitis group viruses (CEV). During the period March 14-20, 2010, the following arboviral activity was recorded in Florida:

EEEV activity: No EEEV activity was reported this week. In 2010, positive samples from four sentinel chickens and three live wild birds have been received from five of Florida’s 67 counties.

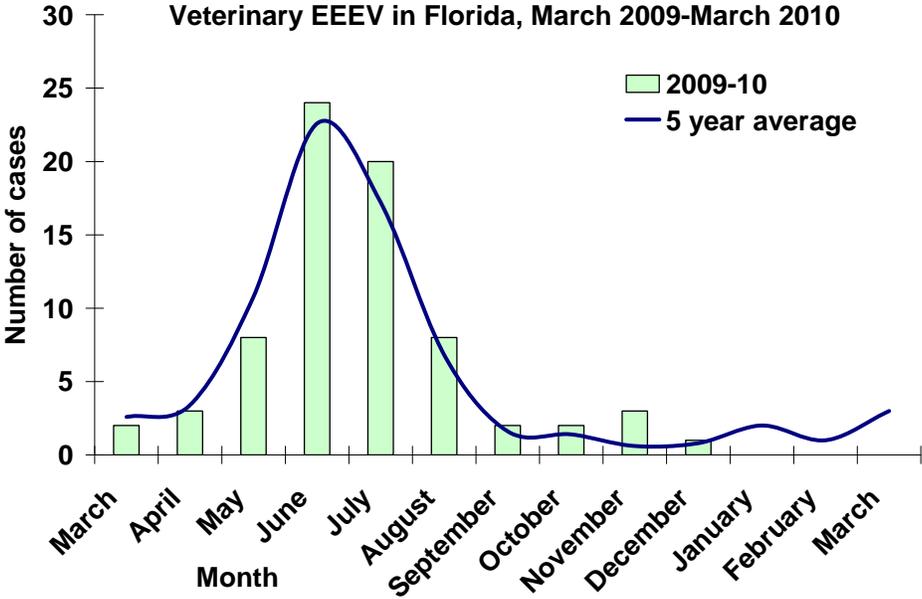
WNV activity: No WNV activity was reported this week. In 2010, positive samples from ten sentinel chickens have been received from four counties.

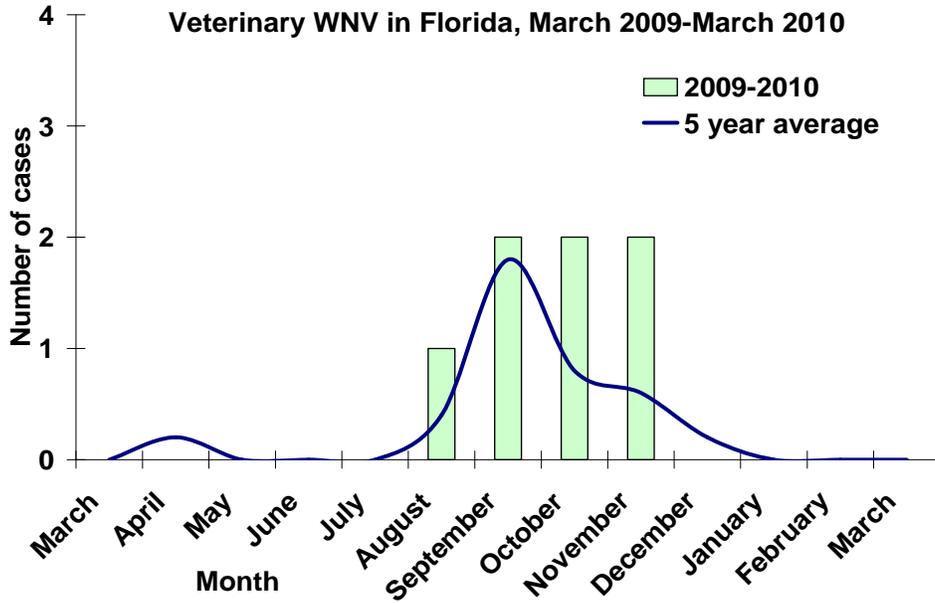
HJV activity: No HJV activity has been reported in 2010.

Advisories/Alerts: No counties are currently under mosquito-borne illness advisory or alert.

Veterinary Cases

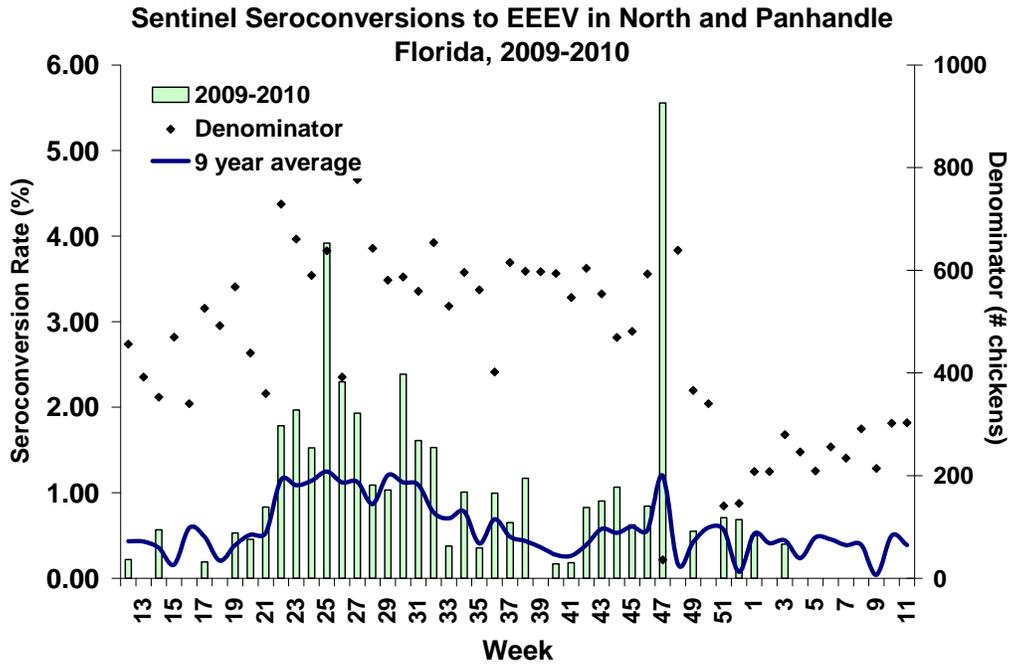
No positive horses were reported this week.

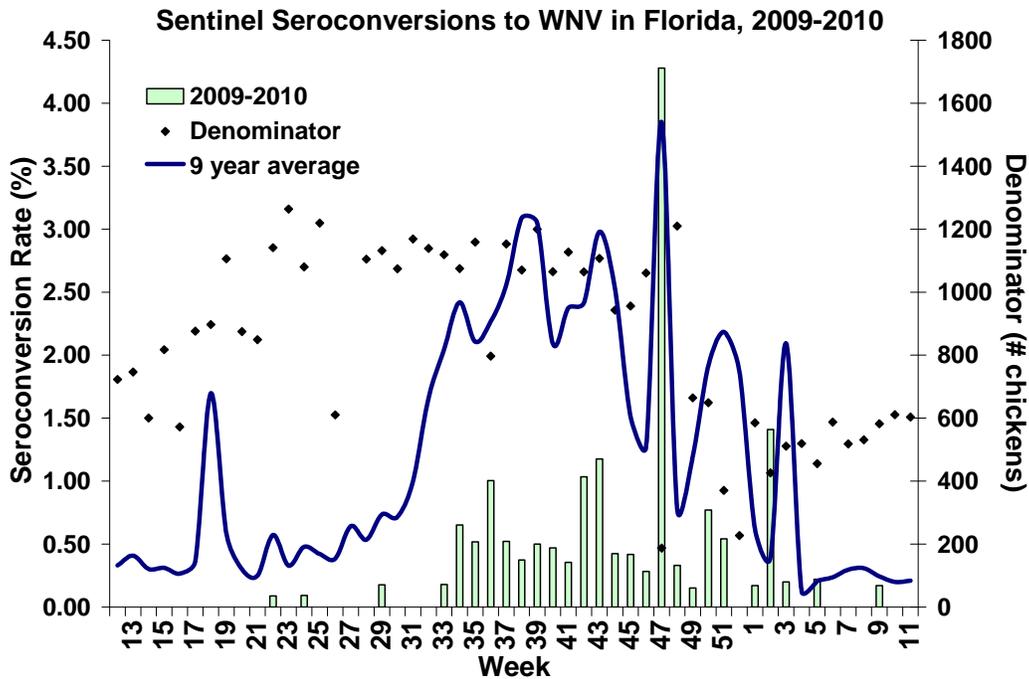




Sentinel Chickens

No positive sentinel chickens were reported this week.





Live Wild Birds

No positive live wild birds were reported this week.

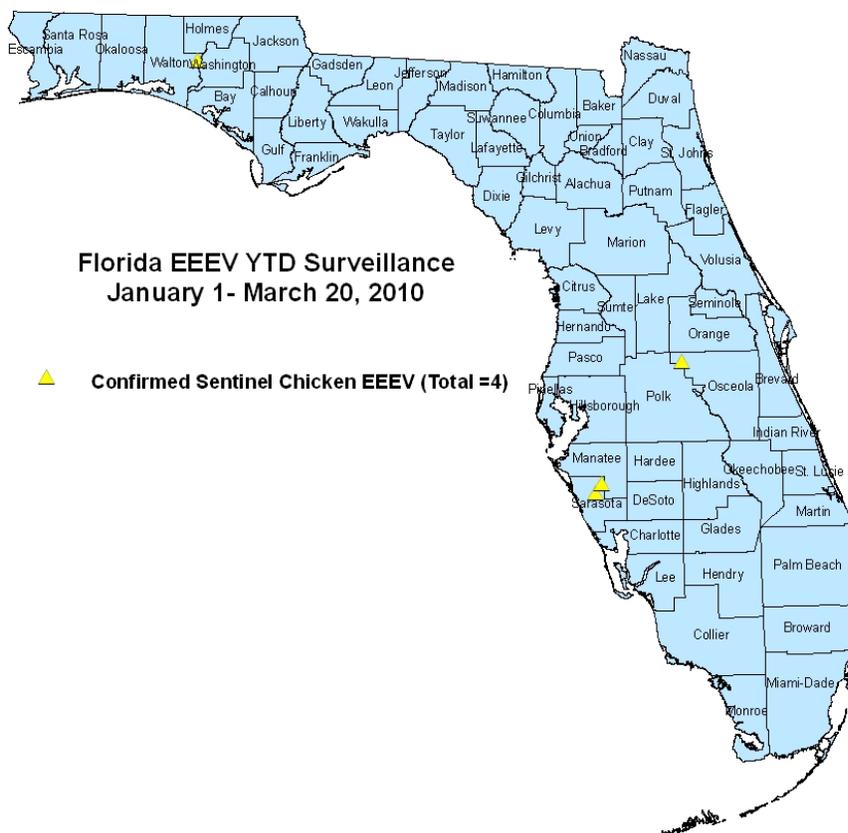
Dead Birds

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, ten reports representing 33 dead birds were received from eight counties. None were identified as crows or jays; two were identified as raptors. In 2010, 69 reports representing a total of 269 dead birds (1 crow, 1 jay, 12 raptors, 255 others) have been received from 30 of Florida's 67 counties. 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/.

Maps

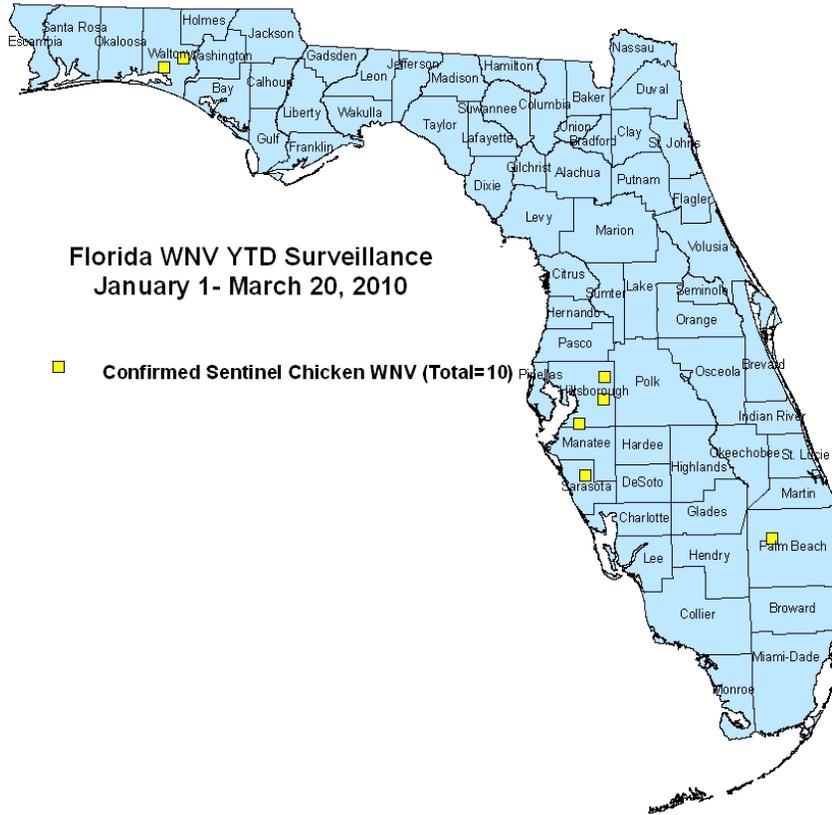


Florida Arbovirus Surveillance
March 14-20, 2010



Florida EEEV YTD Surveillance
January 1 - March 20, 2010

▲ Confirmed Sentinel Chicken EEEV (Total =4)



YTD Arbovirus Activity by County

County	Arbovirus Activity
Hillsborough	WNV : 4 sentinels (1/12, 1/19)
Okaloosa	EEE : 2 live wild birds (1 house sparrow 1/4, 1 blue jay 1/27)
Orange	EEE : 1 sentinel (1/7)
Palm Beach	WNV : 1 sentinel (3/1)
Santa Rosa	EEE: 1 live wild bird (1 blue jay 2/2)
Sarasota	EEE: 2 sentinels (1/5, 1/11) WNV : 1 sentinel (1/8)
Walton	EEE : 1 sentinel (1/19) WNV : 4 sentinels (1/14, 2/4)

Acknowledgements and Data Sources

Contributors: Elizabeth Radke, MPH, Kristina Weis, PhD, Danielle Stanek, DVM, and Carina Blackmore, DVM, PhD.

Data is provided by county health departments, Department of Health Laboratories, Department of Agriculture and Consumer Services, mosquito control agencies, Florida Fish and Wildlife Conservation Commission, medical providers and veterinarians. Equine cases are determined by the Department of Agriculture and Consumer Services. Wild captured bird information is provided by the John A. Mulrennan Public Health Entomology Research and Education Center.