

Florida Arbovirus Surveillance Week 5: January 26 – February 1, 2014

Arbovirus surveillance in Florida includes endemic mosquito-borne viruses such as West Nile virus (WNV), Eastern equine encephalitis virus (EEEV), St. Louis encephalitis virus (SLEV), and Highlands J virus (HJV) and exotic viruses such as dengue virus (DENV) and California encephalitis group viruses (CEV). Malaria, a non-viral mosquito-borne disease is also included. During the period of January 26 - February 1, 2014 the following arboviral activity was recorded in Florida.

This report contains information for 2013 and 2014.

WNV activity: No human cases of WNV illness were reported this week. No horses with WNV infection were reported this week. No sentinel chickens tested positive for antibodies to WNV this week. In 2014, a positive sample from one sentinel chicken has been received from one county. In 2013, positive samples from six humans, 10 equines, 1 wild bird, 1 alpaca, and 311 sentinel chickens have been received from 26 counties.

EEEV activity: No human cases of EEE were reported this week. No horse with EEEV infection was reported this week. No sentinel chickens tested positive for antibodies to EEEV this week. In 2013, positive samples from two humans, five birds, 38 equines, two deer, and 191 sentinel chickens have been received from 31 counties.

DENV activity: No cases of locally acquired dengue were reported this week. In 2013, a total of 23 cases of locally acquired dengue have been reported in 21 Florida residents and two out-of-state-residents. Exposures occurred in two counties, Martin (22) or Miami-Dade (1).

SLEV activity: One sentinel chickens tested positive for antibodies to SLEV this week in Sarasota. In 2013, 96 positive samples have been received from nine counties.

HJV activity: No sentinel chickens tested positive for antibodies to HJV this week. 2014, a positive sample from one sentinel chicken has been received from one county. In 2013, 34 positive samples have been received from 11 counties.

Advisories/Alerts: No counties are currently under mosquito-borne illness advisory or alert. A CDC Health Alert Network (HAN) health advisory was issued in December for the Caribbean region announcing the first locally acquired cases of Chikungunya fever in the Americas.

2013 and 2014 Human Case Summary*

WNV infection Acquired in Florida: Six human cases of WNV illness with onset in August (1), September (3), October (1), November (1) have been reported in 2013 in Alachua (1), Duval (3), Leon (1) and Nassau (1) Counties. One asymptomatic positive blood donor was identified in August. The donor is a resident of Florida and has outdoor exposure in multiple northeast Florida counties.

EEEV Infection Acquired in Florida: Two human cases of EEE with onset in January (1) and March (1) have been reported in 2013 in Levy (1) and Hillsborough (1) County residents.

Dengue Infection Acquired in Florida: In 2013, a total of 23 cases of locally acquired dengue have been reported.

Twenty-two cases of dengue have been reported as acquired in Martin County with onsets in June (2), July (5), August (14), and September (1) 2013. Of these 22 cases, fifteen are residents of Martin County; four are residents of St. Lucie County; one is a resident of Palm Beach County; and two are out-of-state visitors.

One case of dengue in a Miami-Dade resident with onset in August, 2013 has been reported as acquired in Miami-Dade County.

Imported Dengue: One hundred forty cases of dengue with onset in 2013 have been reported in individuals with travel history to a dengue endemic country in the two weeks prior to onset. Countries of origin were: Angola, Bangladesh (3), Barbados, Bolivia, Brazil (3), the Caribbean, Columbia (5), Costa Rica (4), Cuba (9), Dominica, Dominican Republic (13), El Salvador, Haiti (8), Honduras (5), India, Indonesia, Jamaica (5), Mexico (2), Nicaragua (3), Nigeria (2), Panama (3), Philippines (2), Puerto Rico (50), Saint Martin (3), Trinidad and Tobago, Venezuela (8), and U.S. Virgin Islands (3). Counties reporting cases were: Alachua (2), Brevard (2), Broward (11), Clay, Collier (2), Duval (4), Hillsborough (2), Indian River, Lake, Lee (3), Marion, Miami-Dade (49), Nassau, Orange (17), Osceola (6), Palm Beach (16), Pasco (2), Pinellas, Polk (3), Santa Rosa, Sarasota (4), Seminole (3), St. Johns (2), St. Lucie (2) and Volusia (3). Seventeen of the cases were reported in non-Florida residents.

Nine cases of dengue with onset in 2014 have been reported in individuals with travel history to a dengue endemic country in the two weeks prior to onset. Countries of origin were: Cuba (3), Dominican Republic (2), Guadeloupe, Puerto Rico, Trinidad, and Venezuela. Counties reporting cases were: Alachua, Broward (2), Clay, Collier, Marion, Miami-Dade, and Osceola (2). Two of the cases were reported in a non-Florida resident.

In 2013, 92 of the 163 cases of dengue reported in Florida have been serotyped by PCR. Additional serotyping and strain typing are being conducted. In 2014, two of the nine cases of dengue reported in Florida has been serotyped by PCR. Additional serotyping and strain typing are being conducted.

	# of cases per serotype - 2013	# of cases per serotype - 2014
DENV-1	60	0
DENV-2	5	2
DENV-3	7	0
DENV-4	20	0
	92	2

Imported Malaria: Fifty-eight cases of malaria with onset in 2013 have been reported. Countries of origin were: Benin, Cameroon, Chad (3), Democratic Republic of the Congo, Equatorial Guinea, Ghana (7), Guinea (2), Guyana (7), Haiti (7), India (4), Kenya (2), Liberia (2), Mozambique, Nigeria (7), Peru, Sierra Leone (2), Solomon Islands, South Sudan, Sudan (2), Togo, Uganda (3), and an undetermined African country. Counties reporting cases were: Alachua (2), Broward (6), Duval (5), Hillsborough (9), Lake (2), Lee (2), Manatee, Miami-Dade (11), Orange (8), Osceola (2), Palm Beach (6), Pinellas, and Seminole (3). Four of the cases were reported in non-Florida residents.

Forty-five cases (77.5%) were diagnosed with *Plasmodium falciparum*, nine (15.5%) with *Plasmodium vivax*, three with *Plasmodium ovale* (5%), and one mixed *Plasmodium falciparum*/ *Plasmodium vivax* (2%).

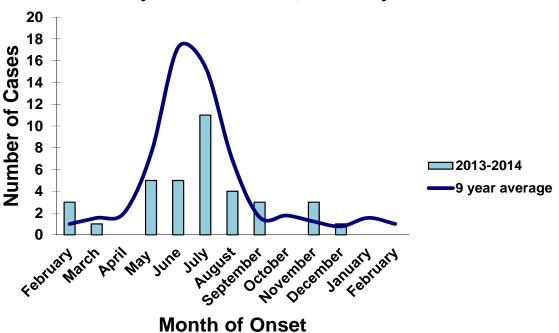
One case of malaria with onset in 2014 has been reported. Country of origin was: Dominican Republic. County reporting cases was: Hillsborough.

One case (100%) was diagnosed with *Plasmodium falciparum*.

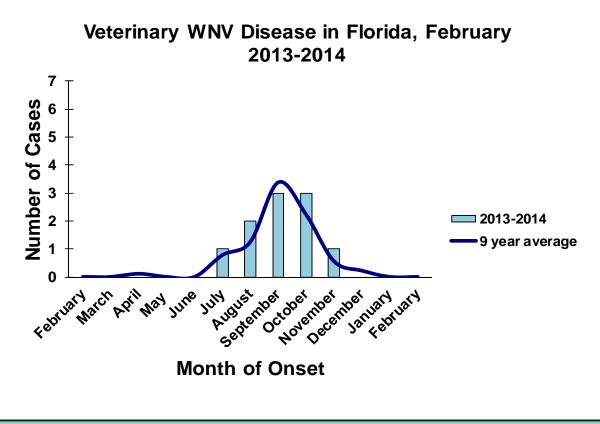
Veterinary Cases*

*Veterinary cases are reported by date of onset

No horses with WNV or EEEV infection were reported this week.



Veterinary EEE in Florida, February 2013-2014

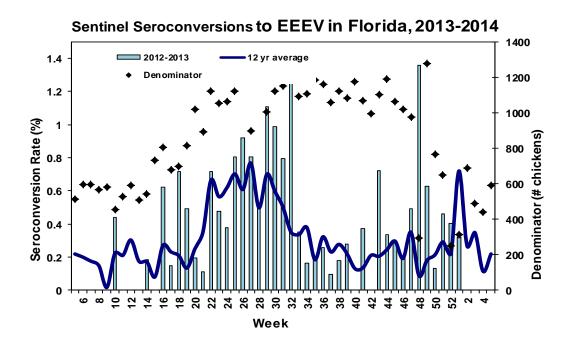


Sentinel Chickens

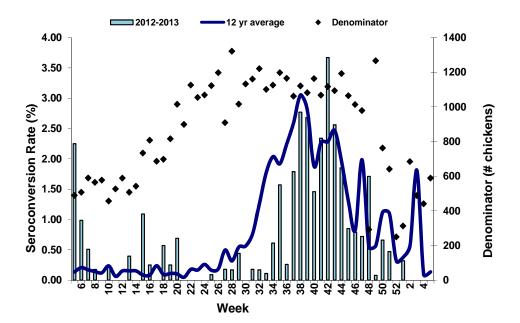
The table below is for the reporting of confirmatory laboratory results from this week. Some of the samples were collected at earlier dates. The date of collection is recorded for samples collected on that day along with the total number of positives and the corresponding seroconversion rate for the week the sample was collected.

One sentinel chickens tested positive for antibodies to SLEV this week in Sarasota.

	Collection		ersion Rates	(%)	County Totals		
County	Date	SLEV WI	NV EEEV	HJV	Collection Week	YTD	
Sarasota	12/27/2013	1.52			1 SLEV	3 WNV, 10 SLEV	



Sentinel Seroconversions to WNV in Florida, 2013-2014

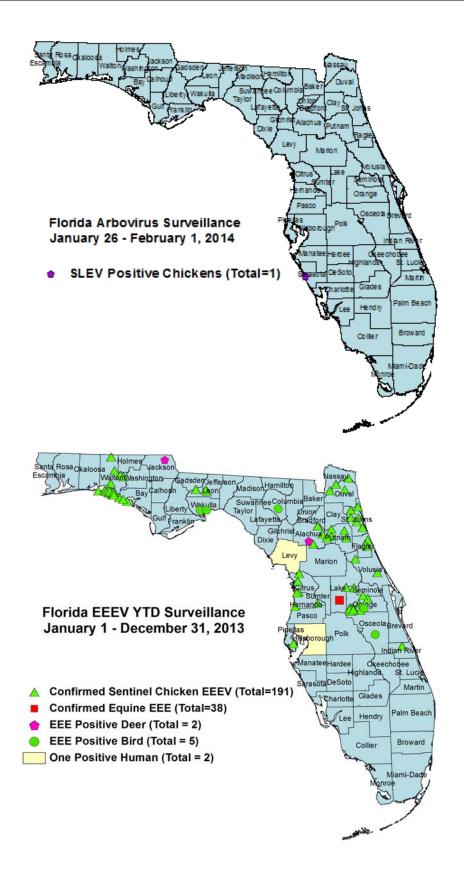


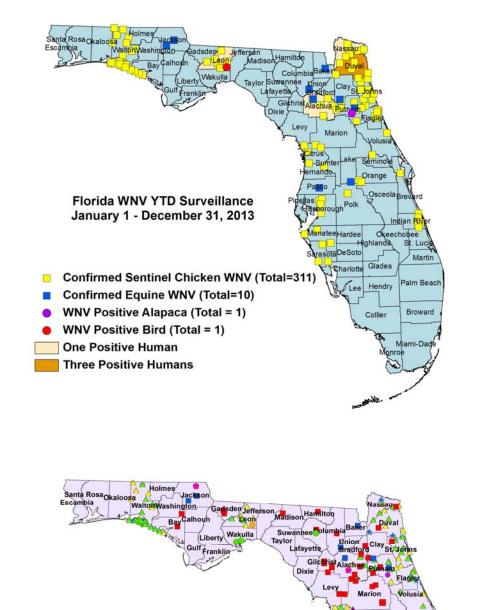
The Fish and Wildlife Conservation Commission (FWC) collects reports of dead birds, which can be an indication of arbovirus circulation in an area. This week, 16 reports representing 72 dead birds, including 1 crow, 4 raptors and 5 doves were received from 13 counties.

In 2014, 37 reports representing a total of 127 dead birds (1 crow, 0 jays, 12 raptors, 6 doves) were received from 20 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/

County	Total Dead Birds	Crows	Jays	Raptors	Dove
Bay	7	0	0	0	0
Bradford	1	1	0	0	0
Brevard	8	0	0	0	5
Clay	2	0	0	2	0
Lee	1	0	0	0	0
Leon	2	0	0	0	0
Manatee	1	0	0	1	0
Nassau	3	0	0	0	0
Okaloosa	25	0	0	0	0
Palm Beach	1	0	0	0	0
Pinellas	5	0	0	0	0
Seminole	1	0	0	1	0
St. Johns	15	0	0	0	0

Maps





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Palm Beach

Broward

Miami-Da

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Hendry

Collie

Also.

Florida Arbovirus Surveillance January 01 - December 31, 2013

- ▲ Sentinel chickens tested positive for antibodies to WNV (Total =311) Sugasta DeSoto
- ▲ Sentinel chickens tested positive for antibodies to EEEV (Total =191)
- ▲ Sentinel chickens tested positive for antibodies to SLEV (Total =96)
- ★ Sentinel chickens tested positive for antibodies to HJV (Total =34)
- Confirmed Equine EEE (Total =38)
- Confirmed Equine WNV (Total =10)
- WNV Positive Alapaca (Total = 1)
- EEE Positive Bird (Total = 5)
- WNV Positive Bird (Total = 1)
- EEE Positive Deer (Total = 2)



2014 Arbovirus Activity by County

County	Arbovirus Activity
Citrus	WNV: 1 sentinel (1/2)
Orange	HJV: 1 sentinel (1/2)

2013 Arbovirus Activity by County

County	Arbovirus Activity
Alachua	EEEV: 2 horses (2/13, 7/11); 1 deer (1/1/); 7 sentinels (6/17, 6/24, 7/15, 8/5, 10/7, 11/4) WNV: 1 human (September); 1 horse (10/14); 16 sentinels (7/1, 8/19, 9/16, 9/24, 9/30, 10/22,
	11/25)
Baker	WNV: 1 horse (7/9)
	EEEV: 2 horses (8/21,11/7); 3 sentinels (5/21, 12/2)
Bay	WNV: 4 sentinels (5/7, 8/26, 11/4)
	HJV: 2 sentinels (5/7, 5/28)
Bradford	EEEV: 2 horses (5/27, 5/30)
Brevard	WNV: 1 sentinel (10/18)
	EEEV: 7 sentinels (4/15, 10/7, 10/21, 12/23)
Citrus	WNV: 14 sentinels (1/21, 1/28, 9/16, 10/21, 10/28, 11/11, 11/25, 12/9)
Citrus	SLEV: 1 sentinel (1/21)
	HJV: 2 sentinels (3/25, 4/2)
Clay	EEEV: 1 horse (7/17)
	WNV: 1 horse (8/7)
Columbia	EEEV: 2 horses (5/4, 5/29)
	WNV: 1 horse (9/9)
Duval	EEEV: 1 horse (11/9); 1 sentinel (8/22)

WNV: 3 humans (August, September, October), 24 sentinels (7/1, 7/15, 7/29, 8/26, 8/2 9/10, 9/16, 9/23, 9/30, 10/3, 10/21, 10/28, 11/4) HJV: 2 sentinels (6/17, 7/8) EEEV: 5 sentinels (4/22, 6/24, 7/22, 7/29) WNV: 8 sentinels (8/19, 9/23, 9/30, 10/7, 10/21, 10/28, 11/12) HJV: 5 sentinels (8/17, 7/29, 8/5, 9/3) Gadsden EEEV: 1 horse (9/3, 11/10) Gilchrist EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21, 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) Hernando EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21, 10/28, 11/13, 11/19) WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 1 besettinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse (9/16) Leon WNV: 1 horse (9/16) Lev EEEV: 1 horse (2/16) WNV: 1 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse	8, 9/3,
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Gilchrist EEEV: 6 horses* (2/6, 5/29, 6/28, 6/29, 12/12) Hamilton EEEV: 1 horse (5/30) Hernando EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21. 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21. 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) EEEV: 1 horse (9/29); 2 sentinels (7/20) Millsborouph EEEV: 1 horse (9/29); 2 sentinels (5/9, 8/15) NNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) EEEV: 1 horse (9/29); 2 sentinels (5/9, 8/15) Jackson EEEV: 1 doer (10/1) WNV: 2 horses (9/24, 10/25) EEEV: 1 horse (9/24, 10/25) Lake EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse (9/16) EeEV: 7 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) Leon WNV: 1 horse (10/21) Human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HUV: 1 sentinel (10/21) Levy EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) Matison EEEV : 1 horse (7/10, 7/21, 7/21, 7/21, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee </th <td></td>	
Gilchrist EEEV: 6 horses* (2/6, 5/29, 6/28, 6/29, 12/12) Hamilton EEEV: 1 horse (5/30) Hernando EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21. 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) EEEV: 1 human (March), 1 horse (7/20) WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) EEEV: 1 doer (10/1) Jackson EEEV: 1 doerse (9/24, 10/25) Lake EEEV: 1 sonse (9/24, 10/25) Lee SLEV: 19 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse (9/16) EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse (10/21) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/11) Leon WNV: 1 sentinel (10/21) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) Mation EEEV: 1 human (January) ; 3 horses (1/7, 7/21, 7/27) Mateo WNV: 7 sentinels (9/20, 10/4, 10/15, 10/29, 12/10, 12/17) Mateo WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/10	
Hamilton EEEV: 1 horse (5/30) Hernando EEEV: 1 horse (6/27); 5 sentinels (6/10, 10/21, 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) EEEV: 1 horse (7/20) Hillsborough WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) EEEV: 1 horse (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 2 horses (9/24, 10/25) WNV: 1 horse (9/16) Lee SLEV: 49 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Leon EEEV: 1 horse (1/30) WNV: 1 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Leon WNV: 1 horse (9/16) Leon WNV: 1 horse (9/16) Matison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/2, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 6 borses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Marion EEEV : 1 human (January) ; 3 horses (1/7, 7/21, 12/10, 12/20) Marion EEEV : 6 borses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Marion	
Hernando EEEV: 1 horse (6/27) ; 5 sentinels (6/10, 10/21. 10/28, 11/13, 11/19) WNV: 1 sentinel (10/21) Hillsborough EEEV: 1 human (March), 1 horse (7/20) WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 doer (10/1) WNV: 2 horse (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 horse (9/16) WNV: 1 horse (1/30) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 horse (2/16) Maatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/15, 12/10, 12/20) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) Massau Dengue : 1 human (August) VX : 1 Human (September) ; 53 sentinels (6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10, 9/9, 9/9, 9/9, 9/9, 9/9, 9/9, 9/9, 9/	
Hernando WNV: 1 sentinel (10/21) EEEV: 1 human (March), 1 horse (7/20) WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2; 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) EEEV: 1 deer (10/1) Jackson EEEV: 1 horse (1/30) WNV: 2 horse (9/24, 10/25) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) EEE EEEV: 1 horse (1/30) WNV: 1 horse (9/16) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV: 1 horse (10/21) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue: 15 humans (June, July, August, September) SLEV: 6 sentinels (9/20, 10/4) Martin Dengue: 1 human (August)	
Hillsborough EEEV: 1 human (March), 1 horse (7/20) WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) EEEV: 1 horse (9/24, 10/25) Lake EEEV: 1 horse (9/24, 10/25) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Eeen SLEV: 7 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Eeen SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Eeen SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Eeen SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17 Matison EEEV: 1 horse (1/021) Levy EEEV : 1 human (January) ; 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/20, 10/4) Marion EEEV : 1 horse (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) <t< th=""><th></th></t<>	
Hillsborough WNV: 5 sentinels (10/15, 10/22, 10/29, 12/17) SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 deer (10/1) WNV: 2 horse (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Leon WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) Martin Dengue : 15 humans (June, July, August, September) SLEV: 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV: 6 sentinels (9/20, 10/4) Maassau WNV : 1 Human (September); 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Hillsborougn Nation SLEV: 40 sentinels (9/3, 9/17, 9/25, 9/30, 10/8, 10/15, 10/18, 10/22, 11/19, 11/13, 12/2 12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 deer (10/1) WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Eeen WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/10) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue: 15 humans (June, July, August, September) SLEV: 6 sentinels (9/20, 10/4) Miami-Dade Dengue: 1 human (August) EEEV : 1 human (September); 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) Nassau WNV: 3 sentinels (6/28, 7/29)	
12/3, 12/27) Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 deer (10/1) WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) EEEW: 1 horse (9/16) EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) Leon WINV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) Levy EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue: 15 humans (June, July, August, September) SLEV: 6 sentinels (9/20, 10/4) Miami-Dade Dengue: 1 human (August) EEEV: 1 horse (7/8); 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10, WNV: 1 Human (September); 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV: 3 sentinels (6/28, 7/29)	Э.
Indian River EEEV: 1 horse (9/29), 2 sentinels (5/9, 8/15) WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 deer (10/1) WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Leon WINV: 1 horse (6/3, 8/5, 8/12, 8/20, 11/5) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Massau Dengue : 1 human (August) Kiami-Dade Dengue : 1 human (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	- ,
Indian River WNV: 5 sentinels (7/10, 7/31, 10/10, 10/23, 10/31) Jackson EEEV: 1 deer (10/1) WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Eeon EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV: 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Marion EEEV: 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV: 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV: 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10, 0) Nassau Quest 17/8, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Jackson EEEV: 1 deer (10/1) WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Eeon EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV: 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV: 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV: 1 horse (2/16) WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue : 15 humans (June, July, August, September) SLEV: 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10, WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 5 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) Nassau WINV : 3 sentinels (6/28, 7/29)	
Jackson WNV: 2 horses (9/24, 10/25) Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Eeon EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV : 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV : 1 sentinel (10/21) Levy EEEV : 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/3, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Lake EEEV: 1 horse (1/30) WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) Leon EEEV: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV : 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV : 1 sentinel (10/21) Levy EEEV : 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) Ressau EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Lake WNV: 1 horse (9/16) Lee SLEV: 19 sentinels (9/2, 9/16, 9/30, 10/14, 10/21, 10/29, 11/18, 12/2, 12/3, 12/9, 12/17) EEEW: 7 sentinels (6/3, 8/5, 8/12, 8/20,11/5) WNV : 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21); 1 wild (10/1) HJV : 1 sentinel (10/21) Levy EEEV: 1 human (January); 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Martin EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) Nassau Page (20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
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Leon WNV : 1 human (November); 20 sentinels (8/27, 9/17, 9/23, 10/1, 10/11, 10/21) ; 1 wild (10/1) HJV : 1 sentinel (10/21) Levy EEEV : 1 human (January) ; 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Marion EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
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Levy EEEV : 1 human (January) ; 3 horses (1/7, 7/21, 7/27) Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Marion EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) Nassau WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9) 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Madison EEEV : 1 horse (2/16) Manatee WNV: 7 sentinels (9/24, 10/1, 10/15, 10/29, 12/10, 12/17) SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Marion EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
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Manatee SLEV: 7 sentinels (9/17, 9/24, 10/1, 11/5, 12/10, 12/20) Marion EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) Nassau WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Marion EEEV : 6 horses (7/11, 7/12, 7/18, 7/31, 8/7, 9/10) Martin Dengue : 15 humans (June, July, August, September) SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) Nassau WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9) 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Martin SLEV : 6 sentinels (9/20, 10/4) Miami-Dade Dengue : 1 human (August) EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
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Nassau EEEV : 1 horse (7/8) ; 12 sentinels (6/8, 6/15, 6/28, 7/1, 7/5, 7/12, 7/19, 7/26, 8/5, 8/10) WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Nassau WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	
Nassau WNV : 1 Human (September) ; 53 sentinels (7/19, 7/26, 8/3, 8/5, 8/16, 8/23, 8/30, 9/9, 9/16, 9/20, 9/23, 9/30, 10/6, 10/7, 10/11, 10/14, 10/18, 10/21, 11/1 11/12, 11/25) HJV : 3 sentinels (6/28, 7/29)	1
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EEEV : 39 sentinels (5/2, 5/30, 6/6, 6/13, 6/20, 6/24, 6/27, 7/1, 7/3, 7/11, 7/15, 7/23, 8/	
	12,
Orange 8/22, 8/26, 9/16, 9/23, 10/24, 10/28, 10/31, 11/18, 12/2, 12/19); 1 bird (1/1)	
- $ -$	
HJV : 2 sentinels (9/5, 9/12)	
Osceola EEEV : 1 bird (12/12)	
Palm Beach SLEV : 9 sentinels (9/3, 9/16, 9/17, 9/30, 10/14, 10/28)	
Dengue : 1 numan with exposure in Martin (August)	
Pasco EEEV : 1 horse (7/16)	
WNV : 1 horse (11/11)	
Pinellas SLEV : 3 sentinels (10/7, 10/14)	
EEEV : 1 sentinel (12/30)	
Polk WNV : 2 sentinels (10/15, 11/4)	
SLEV: 1 sentinei (9/9)	
EEEV : 3 horses (6/26, 8/8, 10/30) ; 11 sentinels (7/16, 7/23, 7/30, 8/6, 9/10, 9/24, 10/8)
Putnam WNV : 1 horse (10/30) ; 1 alpaca (10/10) ; 34 sentinels (9/17, 9/24, 10/1, 10/8, 10/15, 1	
11/5)	
HJV : 1 sentinel (9/10)	
Sarasota WNV : 3 sentinels (5/3, 9/10, 11/1)	

County	Arbovirus Activity
	SLEV : 10 sentinels (4/5, 9/20, 9/30, 10/18, 10/28, 11/22, 12/13, 12/27)
Seminole	WNV : 2 sentinels (9/10, 11/19) HJV : 1 sentinel (5/7)
St. Johns	EEEV : 1 horse (3/1) ; 25 sentinels (4/8, 5/6, 5/28, 6/3, 6/10, 6/17, 6/24, 7/22, 7/29, 8/5, 8/12, 8/26, 9/3, 11/18) WNV : 31 sentinels (9/3, 9/16, 9/23, 10/7, 10/14, 10/21, 10/28, 11/4, 11/12, 11/18, 11/25) HJV : 4 sentinels (6/3, 6/17, 7/1, 9/3)
St. Lucie	Dengue : 4 humans with exposure in Martin (July, August)
Suwannee	EEEV : 1 horse (8/9), 1 bird (8/11)
Volusia	EEEV : 2 sentinels (7/15, 9/3) WNV : 2 sentinels (9/16, 12/2)
Wakulla	EEEV : 2 birds (4/8)
Walton	 EEEV : 64 sentinels (1/7, 2/26, 3/25, 4/15, 4/29, 4/30, 5/6, 5/13, 5/28, 6/17, 6/24, 7/1, 7/8, 7/23, 7/30, 8/5, 8/6, 8/19, 8/26, 8/27, 9/23, 10/28,11/4, 11/12, 11/25, 12/2, 12/9, 12/16) WNV : 75 sentinels (1/7, 1/14, 1/15, 1/23, 1/28, 2/4, 2/20, 3/11, 4/8, 4/9, 4/15, 4/29, 4/30, 5/7, 5/13, 5/14, 6/17, 7/8, 8/6, 8/19, 8/26, 9/3, 9/11, 9/16, 9/17, 9/23, 10/1, 10/15, 10/22, 10/28, 10/29, 11/4, 11/18, 12/9, 12/10, 12/16) HJV : 11 sentinels (5/13, 6/17, 7/1, 7/8, 7/29, 8/20)

*The equine listed as Gilchrist/Columbia for 5/29/13 had exposure in both counties during the 2 weeks prior to onset and is not listed in the table above.

Acknowledgements and Data Sources

Contributors: Stephanie Moody-Geissler, MPH, Shaiasia Itwaru-Womack, Danielle Stanek, DVM, and Carina Blackmore, DVM, Ph.D., DOH Bureau of Epidemiology; Lea Heberlein-Larson and Valerie Mock, DOH Bureau of Public Health Laboratories.

For more surveillance information, please see the DOH website at:

http://www.floridahealth.gov/diseases-and-conditions/mosquito-borne-diseases/surveillance.html

For arbovirus surveillance information for the United States, please see the Centers for Disease Control and Prevention website at:

http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm

**Case tallies included in the weekly Florida arbovirus surveillance report include confirmed and probable cases for EEE, WNV infection, SLE, dengue, and malaria by date of onset. Suspect cases are not included. Activity is mapped by county of exposure rather than county of residence. Case definitions being used in Florida are consistent with national criteria provided by the Council of State and Territorial Epidemiologists (CSTE) and may be viewed at: <u>http://www.floridahealth.gov/diseases-and-conditions/disease-reporting-and-management/diseasereporting-and-surveillance/index.html</u>

Case tallies reported by CDC do not include suspect cases and cases are reported by patient state of residence rather than where the exposure occurred. Data is provided by county health departments, Department of Health Bureau of Public Health Laboratories, Department of Agriculture and Consumer Services, mosquito control agencies, Florida Fish and Wildlife Conservation Commission, medical providers and veterinarians. Equine cases are provided by the Department of Agriculture and Consumer Services.