

Florida Arbovirus Surveillance Week 41: October 5 - 11, 2014

Arbovirus surveillance in Florida includes endemic mosquito-borne viruses such as West Nile virus (WNV), Eastern equine encephalitis virus (EEEV), and St. Louis encephalitis virus (SLEV), as well as exotic viruses such as dengue virus (DENV), chikungunya virus (CHIKV) and California encephalitis group viruses (CEV). Malaria, a non-viral mosquito-borne disease is also included. During the period of October 5-11, 2014 the following arboviral activity was recorded in Florida.

WNV activity: No human cases of WNV illness were reported this week. No horses with WNV infection were reported this week. Thirty sentinel chickens tested positive for antibodies to WNV this week in Alachua, Brevard, Charlotte, Citrus, Flagler, Hillsborough, Nassau, Orange, Pinellas, Putnam, Seminole, St. Johns, Sumter, Volusia, and Walton Counties. In 2014, positive samples from 175 sentinel chickens, 5 horses, 10 human cases, and 2 asymptomatic blood donors have been received from 27 counties.

EEEV activity: No human cases of EEE were reported this week. No horses with EEEV infection were reported this week. No sentinel chickens tested positive for antibodies to EEEV this week. In 2014, positive samples from 154 sentinel chickens, 2 deer, and 55 horses have been received from 32 counties.

International Travel-Associated Dengue Fever Cases: Two cases of dengue fever were reported this week in persons that had international travel. In 2014, 64 travel-associated cases have been reported.

Dengue Fever Cases Acquired in Florida: No new cases of locally acquired dengue fever were reported this week. In 2014, a total of five cases of locally acquired dengue fever have been reported.

International Travel-Associated Chikungunya Fever Cases: Twelve cases of chikungunya fever were reported this week in persons that had international travel. In 2014, 272 travel-associated cases have been reported.

Chikungunya Fever Cases Acquired in Florida: No new cases of locally acquired chikungunya fever were reported this week. In 2014, a total of 11 cases of locally acquired chikungunya fever have been reported.

Advisories/Alerts: Alachua, Broward, Clay, Columbia, Duval, Jefferson, Leon, Levy, Lafayette, Marion, Pasco, Polk, Putnam, Santa Rosa, St. Johns, Suwannee and Washington Counties are currently under a mosquito-borne illness advisory. Escambia, Miami-Dade, Palm Beach, St. Lucie and Volusia Counties are currently under a mosquito-borne illness alert. No other 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. There is a Level 1 (Watch) Travel Health Notice from the CDC for multiple countries in the Caribbean related to the continued transmission of chikungunya which was updated August 11, 2014. http://wwwnc.cdc.gov/travel/notices/watch/chikungunya-caribbean

2014 Human Case Summary*

West Nile Virus Illnesses Acquired in Florida: A total of ten human cases of WNV illness acquired in Florida have been reported in 2014; one in Alachua (August), two in Escambia (July, August), one in Duval (August), one in Leon (August), one in Pasco (August), one in Polk (September) and three in

Volusia (August, September) Counties. Two asymptomatic positive blood donors were reported from Santa Rosa (July) and St. Johns (September) Counties.

International Travel-Associated Dengue Fever Cases: Sixty-four 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: Bangladesh, Bolivia, Brazil (2), Caribbean, Columbia, Costa Rica (3), Cuba (25), Cuba/Bahamas, Dominican Republic (8), El Salvador (2), Guadeloupe, Guatemala, Haiti, Honduras (4), Mexico (2), Puerto Rico (5), Sri Lanka, Trinidad (2), and Venezuela (2). Counties reporting cases were: Alachua, Brevard (2), Broward (7), Clay, Collier, Highlands, Hillsborough (4), Lee, Manatee (2), Marion, Miami-Dade (29), Orange (3), Osceola (4), Palm Beach (2), Pinellas, Seminole, St. Lucie (2), and Volusia. Six of the cases were reported in non-Florida residents. In 2014, 30 of the 64 cases of dengue reported in Florida have been serotyped by PCR. Additional serotyping and strain typing are being conducted.

Dengue Fever Cases Acquired in Florida: In 2014, a total of five cases of locally acquired dengue fever have been reported. Five cases of dengue in Miami-Dade residents with onset in June and August have been reported as acquired in Miami-Dade County.

International Travel-Associated Chikungunya Fever Cases: Two hundred and seventy-two cases of chikungunya with onset in 2014 have been reported in individuals with travel history to a chikungunya endemic country or area experiencing an outbreak in the two weeks prior to onset. Countries of origin were: Antigua (2), Antigua/Barbuda, Bequia, Cuba (4), Dominica/Guadalupe, Dominican Republic (80), El Salvador, Grenada, Guyana (7), Haiti (104), Haiti/Dominican Republic, Honduras, Jamaica (9), Martinique (2), Philippines, Puerto Rico (50), Puerto Rico/Dominican Republic (2), South America, St. Lucia, St. Thomas/St. Martin/Bahamas, and Trinidad/Tobago. Counties reporting cases were: Alachua (2), Brevard (3), Broward (45), Charlotte (2), Clay (2), Duval (8), Escambia, Flagler, Hernando (2), Highlands, Hillsborough (19), Indian River, Lake (2), Lee (7), Leon (2), Manatee (2), Marion, Miami-Dade (51), Monroe, Nassau, Okaloosa (2), Orange (32), Osceola (9), Palm Beach (34), Pasco (3), Pinellas (8), Polk (15), Santa Rosa, Sarasota (2), Seminole (6), St. Johns, St. Lucie (3), and Volusia (2). Twenty-one of the cases were reported in non-Florida residents.

Chikungunya Fever Cases Acquired in Florida: In 2014, a total of eleven cases of locally acquired chikungunya fever have been reported. One case of chikungunya fever with onset in July was acquired in Broward County. Two cases of chikungunya fever with onset in June were acquired in Miami-Dade County. Four cases of chikungunya fever with onset in July were acquired in Palm Beach County. Four cases of chikungunya fever with onset in July and August were acquired in St. Lucie County.

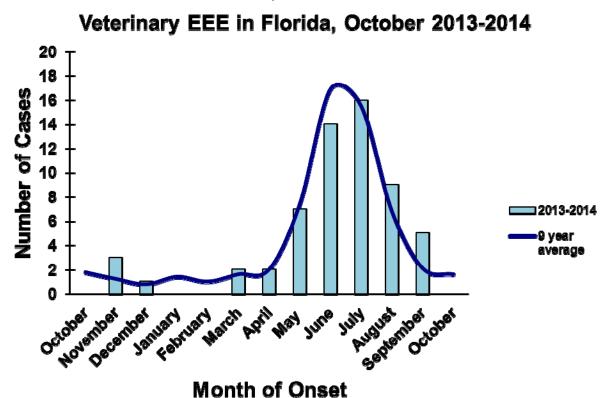
International Travel-Associated Malaria Cases: Forty-eight cases of malaria with onset in 2014 have been reported. Countries of origin were: Angola (3), Cameroon, Dominican Republic, East Africa, Equatorial Guinea (2), Ghana, Ghana/Rwanda, Ghana/Senegal, Ghana/Togo, Guatemala, Guyana, Haiti, Honduras, India (6), Ivory Coast (3), Kenya (2), Nigeria (7), Nigeria/Ethiopia, Papua New Guinea, Peru, Sierra Leone (5), Sudan, Uganda (2), and multiple sub-Saharan African countries (3). Counties reporting cases were: Broward (6), Clay, Duval, Escambia, Hernando, Hillsborough (8), Leon, Miami-Dade (10), Okaloosa (2), Orange (6), Osceola (2), Palm Beach (4), Pasco, Pinellas (2), Santa Rosa, and Seminole. Eleven of the cases were reported in non-Florida residents.

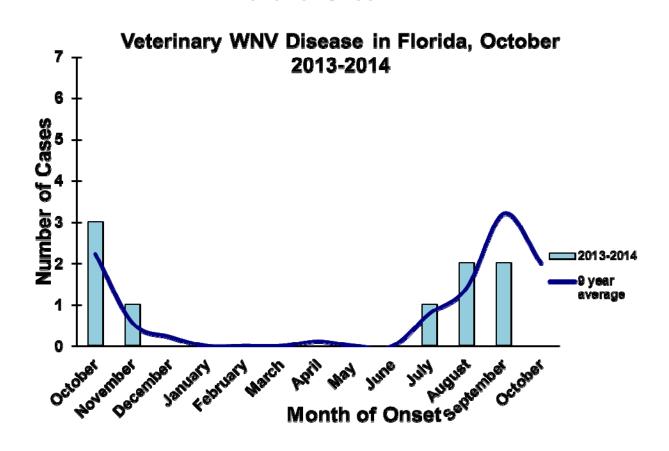
Thirty-four cases (71%) were diagnosed with *Plasmodium falciparum*. Ten cases (21%) were diagnosed with *Plasmodium vivax*. Two cases (4%) were diagnosed with *Plasmodium malariae*. Two cases (4%) were diagnosed with *Plasmodium ovale*.

Veterinary Cases*

*Veterinary cases are reported by date of onset

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





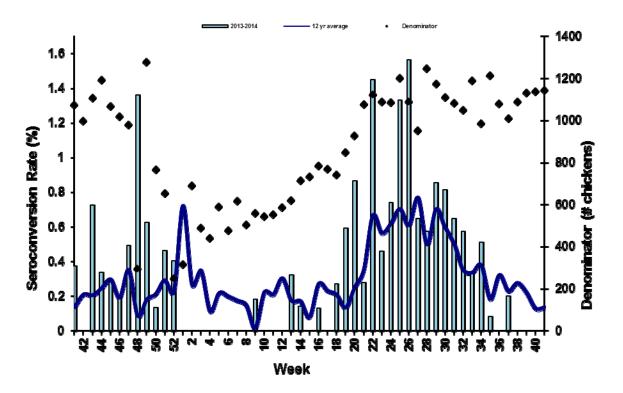
Sentinel Chickens

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.

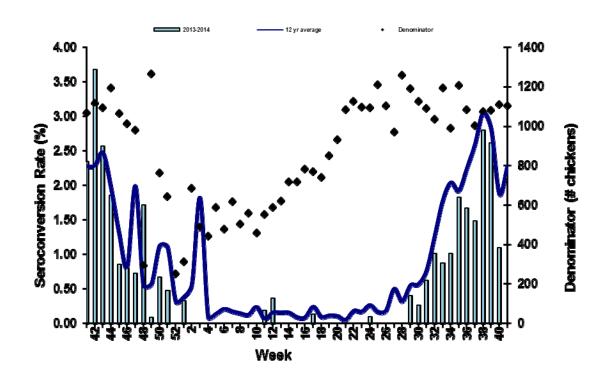
Thirty sentinel chickens tested positive for antibodies to WNV this week in Alachua, Brevard, Charlotte, Citrus, Flagler, Hillsborough, Nassau, Orange, Pinellas, Putnam, Seminole, St. Johns, Sumter, Volusia, and Walton Counties. Eleven sentinel chickens tested positive for antibodies to SLEV this week in Hillsborough, Manatee, Pinellas, Sarasota and Walton Counties (state total of 76 positives for 2014). One sentinel chicken tested positive for antibodies to HJV this week in Putnam County (state total of 59 for 2014).

				Seroconversion Rates (%)				County Totals		
County	Collection Date	Flavi	SLEV	WNV	Alpha	EEEV	HJV	Collection Week	YTD	
Alachua	09/16/14	16.67		16.67				2 WNV	10 EEEV, 1 HJV, 8 WNV	
Brevard	09/11/14	6.00		6.00				3 WNV		
	09/26/14	2.17		2.17				1 WNV	15 WNV	
Charlotte	09/12/14	4.76		4.76				1 WNV	1 WNV	
Citrus	09/29/14	3.08		3.08				2 WNV	16 EEEV, 6 HJV, 10 WNV	
Flagler	09/29/14	33.33		33.33				3 WNV	11 EEEV, 5 HJV, 9 WNV	
Hillsborough	09/16/14	3.95		2.63				2 WNV, 1 SLEV		
	09/30/14	4.82	4.82					4 SLEV	2 EEEV, 10 SLEV, 6 WNV	
Manatee	09/16/14	6.85	6.85					5 SLEV		
	09/30/14	3.13	3.13					2 SLEV	13 SLEV	
Nassau	09/15/14	6.06		6.06				2 WNV		
	09/27/14	2.86		2.86				1 WNV	13 EEEV, 4 HJV, 10 WNV, 2 SLEV	
Orange	09/29/14	1.80		1.80				2 WNV	18 EEEV, 4 HJV, 12 WNV, 1 SLEV	
Pinellas	09/15/14	9.62	5.77					3 SLEV, 2 WNV		
	09/29/14	3.57		3.57				2 WNV	29 SLEV, 1 HJV, 4 WNV	
Putnam	09/16/14	37.50		37.50				3 WNV		
	09/23/14				9.09		9.09	1 HJV, 6 WNV	7 EEEV, 16 WNV, 7 HJV	
Sarasota	09/29/14	2.50	2.50					2 SLEV	9 SLEV, 1 WNV	
Seminole	09/15/14	16.67		16.67				4 WNV		
	09/29/14	4.55		4.55				1 WNV	9 WNV	
St. Johns	09/15/14	4.76		4.76				2 WNV		
	09/29/14	4.17		4.17				2 WNV	20 EEEV, 7 HJV, 28 WNV	
Sumter	09/29/14	3.03		3.03				1 WNV	2 WNV	
Volusia	09/29/14	8.82		8.82				3 WNV	3 EEEV, 1 HJV, 22 WNV, 2 SLEV	
Walton	09/15/14	0.93		0.93				1 WNV		
	09/23/14	0.89	0.89					1 SLEV	34 EEEV, 15 HJV, 4 WNV, 1 SLEV	

Sentinei Seroconversions to EEEV in Florida, 2013-2014



Sentinel Seroconversions to WNV in Florida, 2013-2014



Dead Birds

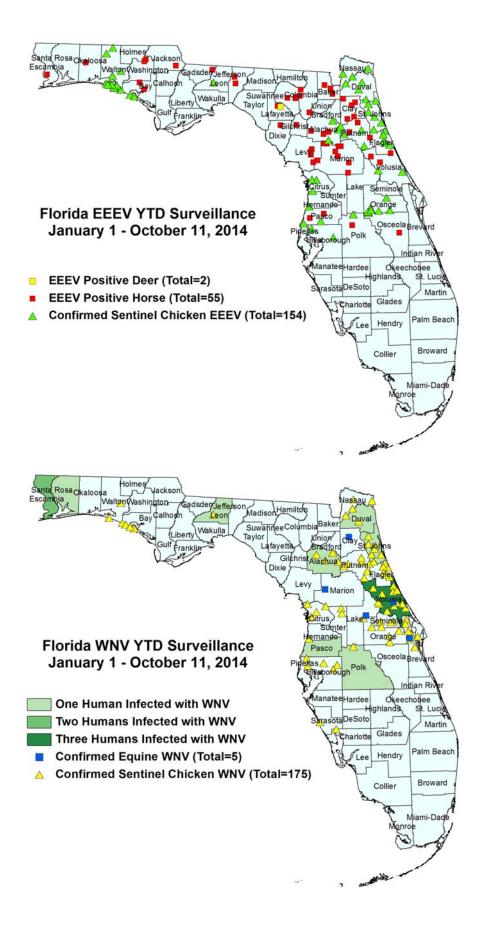
The Fish and Wildlife Conservation Commission (FWC) collects reports of dead birds, which can be an indication of arbovirus circulation in an area. This week, 9 reports representing 14 dead birds including 1 raptor and 1 dove were received from 5 counties.

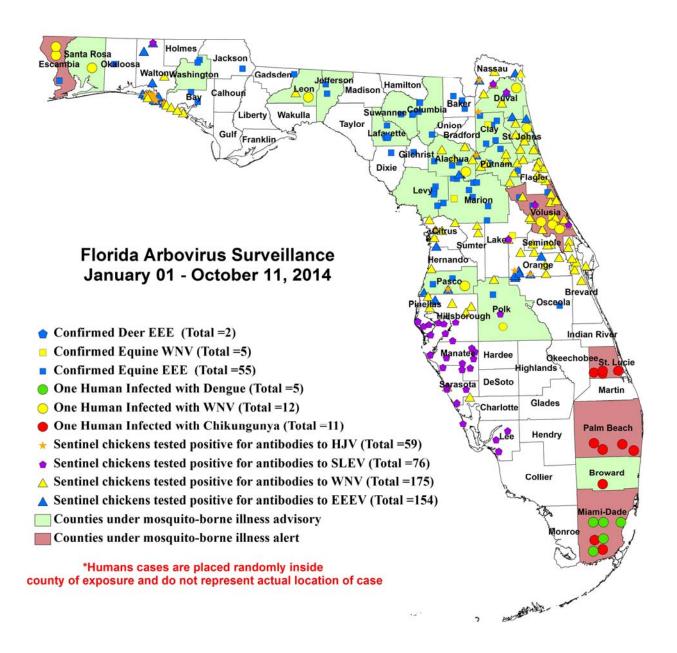
In 2014, 327 reports representing a total of 909 dead birds (27 crows, 6 jay, 68 raptors, and 33 doves) were received from 44 of Florida's 67 counties. Please note that FWC collects reports of birds that have died from a variety of causes, not only arboviruses. Dead birds should be reported to www.myfwc.com/bird/

County	Total Dead Birds	Crows	Jays	Raptors	Dove
Alachua	2	0	0	0	1
Brevard	1	0	0	0	0
Broward	8	0	0	1	0
Hillsborough	1	0	0	0	0
Pinellas	2	0	0	0	0

Maps







	2014 Arbovirus Activity by County
County	Arbovirus Activity
Alachua	EEEV: 3 horses (6/17, 6/20, 7/4); 10 sentinels (6/9, 6/30, 7/7, 7/14, 7/21, 7/28) HJV: 1 sentinel (8/4) WNV: 1 human (August); 8 sentinels (8/12, 8/18, 8/25, 9/16, 9/22)
Baker	EEEV: 3 horses (3/13, 7/10, 7/16)
Вау	EEEV: 2 horses (6/15, 9/22); 6 sentinels (4/28, 5/6, 5/13, 5/22, 5/30) HJV: 1 sentinel (2/18) WNV: 13 sentinels (8/19, 8/26, 9/2, 9/9, 9/16, 9/23)
Brevard	WNV: 1 horse (8/1); 15 sentinels (7/17, 8/8, 8/15, 8/20, 8/29, 9/5, 9/11, 9/12, 9/19, 9/26)
Broward	Chikungunya: 1 human (July)
Charlotte	WNV: 1 sentinel (9/12)
Citrus	EEEV: 16 sentinels (3/24, 3/31, 5/12, 5/26, 6/2, 6/30, 7/7, 7/14, 7/21, 8/4, 8/11, 9/8) HJV: 6 sentinels (2/17, 2/24, 8/11, 8/18) WNV: 10 sentinels (1/2, 9/2, 9/15, 9/22, 9/29)
Clay	EEEV: 5 horses (5/2, 7/16, 7/19, 7/20, 8/2) WNV: 1 horse (9/3)
Columbia	EEEV: 3 horses (6/25, 7/18, 8/1)

Dixie EEEV. 1 horse (5/22) EEEV. 3 sentinels (6/16, 6/19, 6/30) HJV. 6 sentinels (8/18, 8/21, 8/25) HJV. 5 sentinels (8/12, 8/25) EEEV. 1 horse (7/16) MVV. 2 humans (July, August) EEEV. 1 horse (4/21): 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) HJV. 5 sentinels (7/14, 8/18, 8/25) HJV. 5 sentinels (6/18, 7/2) HJV. 2 sentinels (6/18, 6/19, 6/23, 6/25, 6/19, 7/4, 7/14, 7/30, 9/10) HJV. 1 sentinels (6/18, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) HJV. 1 sentinels (6/18, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) HJV. 1 sentinels (6/18, 6/19, 6/26, 6/29, 7/4, 7/11, 7/19, 8/22) HJV. 4 sentinels (6/18, 6/19, 6/26, 6/29, 7/4, 7/11, 7/19, 8/22) HJV. 4 sentinels (6/18, 6/29, 6/26, 6/29, 7/4, 7/11, 7/19, 8/2) HJV. 4 sentinels (6/18, 6/29, 6/25, 6/26, 6/29, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) HJV. 4 sentinels (6/18, 6/29, 6/29, 9/29,	Duval	3 sentinels (6/16, 6/19, 6/30) is sentinels (8/18, 8/21, 8/25) 1 human (August); 1 sentinel (9/15) 1 sentinel (9/2) 1 horse (7/16) 2 humans (July, August) 1 horse (4/21); 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) is entinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (6/9, 7/9) 2 sentinels (6/9, 7/9) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) igunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (7/25, 8/18, 8/22)
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SLEV: 1 sentinel (9/2)	SLEV: Escambia	1 sentinel (9/2) 1 horse (7/16) 2 humans (July, August) 1 horse (4/21); 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) 5 sentinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (6/9, 7/9) 2 sentinels (6/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 gunya: 2 humans (June) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 14 sentinels (7/25, 8/18, 8/22)
EEEV: 1 horse (7/16) WNV: 2 humans (July, August)	Escambia	1 horse (7/16) 2 humans (July, August) 1 horse (4/21); 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) 5 sentinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (8/25) 2 sentinels (8/25) 2 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 gunya: 2 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 1 sentinels (7/25, 8/18, 8/22)
WNV: 2 humans (July, August)	Flagler	1 horse (4/21); 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) is sentinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) ne: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 1 sentinels (7/25, 8/18, 8/22)
EEEV: 1 horse (4/21), 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7)	Flagler	1 horse (4/21); 11 sentinels (4/14, 4/28, 5/5, 5/27, 6/2, 6/16, 6/23, 6/30, 7/7) is sentinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) ne: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 1 sentinels (7/25, 8/18, 8/22)
HJV: \$ sentinels (7/12, 18/18, 9/25) WNV: 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29)	Flagler	sentinels (7/21, 8/18, 8/25) 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) 1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) esentinels (7/25, 8/18, 8/22)
WNV: 9 sentinels (7/14, 8/18, 9/2, 9/8, 9/15, 9/22, 9/29) Gadsden EEEV: 1 horse (9/16)	WNV: Gadsden	1 horse (9/16) 2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) e sentinels (7/25, 8/18, 8/22)
Cilchrist EEEV: 2 horses (5/18, 6/23)	Gilchrist EEEV: WNV: Hernando EEEV: WNV: Jackson EEEV: WNV: Jefferson EEEV: EEEV: Lafayette Lafayette EEEV: EEEV: EEEV: WNV: Lee SLEV: WNV: Levy EEEV: WNV: Marion EEEV: WNV: EEEV: WNV: EEEV: WNV: SLEV: Okaloosa Okaloosa EEEV: WNV: SLEV: Osceola Osceola EEEV: EEEV	2 horses (5/18, 6/23) 2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 gunya: 2 humans (June) 1 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
Hernando	Hernando Hernando Hillsborough SLEV: WNV: Jackson Jefferson EEEV: Lafayette Lee SLEV: WNV: Lee Leon Marion Miami-Dade Marion Miami-Dade Nassau Chikur Dengu EEEV: WNV: SLEV: Okaloosa EEEV: WNV: SLEV: Osceola Palm Beach Chikur EEEV: Ch	2 sentinels (6/9, 7/9) 2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 gunya: 2 humans (June) 1 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
Hillsborough SEEV: 2 sentinels (8/25) SEEV: 2 sentinels (5/13, 7/1) SLEV: 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) SLEV: 10 sentinels (3/18, 9/2, 9/16) SLEV: 2 horses (7/7, 8/25) SEEV: 2 horses (7/7, 8/25) SEEV: 2 horses (7/7, 8/25) SEEV: 2 deer (6/24); 1 horse (9/18) SEEV: 2 deer (6/24); 1 horse (9/18) SEEV: 2 deer (6/24); 1 horse (9/18) SEEV: 2 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) SEEV: 3 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) SEEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) SEEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) SEEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) SEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) SEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) SEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) SEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) SEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (7/25, 8/18, 8/22) SEEV: 2 sentinels (8/29, 9/12) SEEV: 2 sentinels (8/29, 9/12) SEEV: 2 sentinels (8/29, 9/12) SEEV: 1 sentinels (9/15) SEEV: 1 sentinels (9/15) SEEV: 1 sentinel (8/25) SEEV: 1 sentinel (8/25) SEEV: 1 sentinel (8/25) SEEV: 1 sentinel (8/25) SEEV: 2 sentinels (8/26, 6/30, 7/7); 1 horse (8/3) SEEV: 2 sentinels (8/26, 9/3) SEEV: 3 sentinels (8/26, 9/3) SEEV: 3 sentinels (8/26, 9/3) SEEV: 3 sentinels (8/26, 9/9, 9/16, 9/23) SEEV: 3 sentinels (8/26, 9/9, 9/16, 9/23) SEEV: 3 sentinels (8/25, 9/29) SEEV: 3 sentinels (8/25, 9/29, 9/16, 9/23) SE	Hillsborough	2 sentinels (8/25) 2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
WINV: 2 sentinels (67/25)	Hillsborough	2 sentinels (5/13, 7/1) 10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 ngunya: 2 humans (June) 1 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
Hillsborough	Nassau	10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 13 sentinels (7/25, 8/18, 8/22)
Hillsborough	Nassau	10 sentinels (1/7, 2/18, 9/2, 9/9, 9/16, 9/30) 6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 13 sentinels (7/25, 8/18, 8/22)
WNN: 6 sentinels (3/18, 9/2, 9/16)	WNV: Jackson	6 sentinels (3/18, 9/2, 9/16) 1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Jackson EEEV: 1 horse (9/3)	Jackson	1 horse (9/3) 2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) esentinels (7/25, 8/18, 8/22)
Jefferson EEEV: 2 horses (7/7, 8/25)	Lafayette	2 horses (7/7, 8/25) 2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) e sentinels (7/25, 8/18, 8/22)
Lafayette	Lafayette EEEV: Lake WNV: Lee SLEV: Leon EEEV: WNV: EEEV: Manatee SLEV: Marion Chikur Dengu Mami-Dade EEEV: HJV: 4 WNV: SLEV: Okaloosa EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV:	2 deer (6/24); 1 horse (9/18) 1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Lake	Lake WNV: Leon EEEV: WNV: Levy EEEV: Manatee SLEV: Marion Chikur Dengu Miami-Dade Chikur Dengu Nassau EEEV: WNV: SLEV: Okaloosa EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV: Chikur	1 horse (8/19) 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Lee SLEV: 7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) Leon EEEV: 1 sentinel (7/14) WNV: 1 human (August), 1 sentinel (8/19) Levy EEEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) Manatee SLEV: 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) Marion EEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) Mismi-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) Nassau HJV: 4 sentinels (1/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/8), 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) Okaloosa EEEV: 1 horse (8/15) EEEV: 1 horse (8/15) WNV: 2 sentinels (1/2, 2/17, 8/25) NWY: 2 sentinels (1/2, 2/17, 8/25) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) Pasco HJV: 1 sentinel (8/25) WNV: 1 sentinels (8/25) WNV: 1 sentinels (8/25) WNV: 1 sentinel	Lee SLEV: Leon EEEV: Manatee SLEV: Marion EEEV: Miami-Dade Chikur Dengu Nassau EEEV: WNV: SLEV: Okaloosa EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV:	7 sentinels (1/13, 1/14, 2/11, 3/25, 9/16) 1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Leon EEEV: 1 sentinel (7/14) WNV: 1 human (August), 1 sentinel (8/19) Levy EEEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) Manatee SLEV: 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) Marion EEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/14, 7/30, 9/10) WNV: 1 horse (9/5) Miami-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) Nassau HJV: 4 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22) Yes (2, 9/12) Okaloosa EEEV: 1 horse (8/15) EEEV: 1 sentinels (8/29, 9/12) Orange HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) Pasco HJV: 1 sentinel (8/25) WNV: 1 sentinel (8/25) WNV: 2 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) Plutam EEEV: 2 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinels (8/26, 9/23) Sentinels (8/26, 9/23)<	Leon EEEV: WNV: WNV: EEEV: WNV: EEEV: Manatee SLEV: Marion EEEV: WNV: EEEV: WNV: Chikur Dengu EEEV: WNV: SLEV: WNV: SLEV: WNV: SLEV: Okaloosa EEEV: WNV: EEEV: EE	1 sentinel (7/14) 1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) e sentinels (7/25, 8/18, 8/22)
Levy EEEV: 4 horses (67, 6/21, 6/27, 6/28, 8/17) Maratee SLEV: 13 sentines (7/29, 9/2, 9/16, 9/23, 9/30) Marion EEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) Miami-Dade Chikungunya: 2 humans (June)	Levy	1 human (August), 1 sentinel (8/19) 4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 ngunya: 2 humans (June) 1 e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
Manatee SLEV: 4 horses (6/7, 6/21, 6/27, 6/28, 8/17)	Levy EEEV: Manatee SLEV: Marion EEEV: WNV: Chikur Dengu EEEV: HJV: 4 WNV: SLEV: Okaloosa EEEV: EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV: Chikur	4 horses (6/7, 6/21, 6/27, 6/28, 8/17) 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) 1 ngunya: 2 humans (June) 1 e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) 2 sentinels (7/25, 8/18, 8/22)
Maratee SLEV: 13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) Marion EEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) Miami-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) Nassau EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) Okaloosa EEEV: 1 horse (8/15) EEEV: 18 sentinels (6/29, 9/12) Orange EEEV: 1 horse (8/15) HJV: 4 sentinels (6/27, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) Orange EEEV: 1 sentinel (6/15) Beach Chikungunya: 4 humans (July) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (8/25) WNV: 4 sentinels (8/25) WNV: 4 sentinels (8/25) WNV: 4 sentinels (8/25) WNV: 1 sentinel (8/25) WNV: 1 sentinels (8/26, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 8/12, 8/26, 9/9, 9/16, 9/23)	Manatee SLEV: Marion EEEV: WNV: Chikur Dengu Dengu EEEV: HJV: 4 WNV: SLEV: Okaloosa EEEV: HJV: 4 WNV: SLEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV: Chikur	13 sentinels (7/29, 9/2, 9/16, 9/23, 9/30) 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) e sentinels (7/25, 8/18, 8/22)
Marion EEEV: 9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) Miami-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (6/28, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) Okaloosa EEEV: 1 horse (8/15) EEEV: 18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) Orange HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 1 horse (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) Pinellas EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 1 fe sentinels (8/56, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SL	Marion EEEV: WNV: WNV: Chikur Dengu Nassau EEEV: HJV: 4 WNV: SLEV: Chikur Dengu Okaloosa EEEV: WNV: SLEV: Chikur SLEV: Chikur BEEV: Chikur EEEV:	9 horses (4/12, 5/31, 6/19, 6/26, 6/29, 7/4, 7/14, 7/30, 9/10) 1 horse (9/5) ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Miami-Dade Miami-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/29, 9/12) Okaloosa EEEV: 1 horse (8/15) EEEV: 18 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) Pasco HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/29) EEEV: 2 borsens (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 1 sentinel (8/25) WNV: 1 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota WNV: 1 sentinels (6/55, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Miami-Dade WNV: Chikur Dengu EEEV: HJV: 4 WNV: SLEV: Okaloosa EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV: Chikur	1 horse (9/5) ngunya: 2 humans (June) ng: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) s sentinels (7/25, 8/18, 8/22)
Miami-Dade Chikungunya: 2 humans (June) Dengue: 5 humans (June, August) Dengue: 5 humans (June, August) Nassau EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) Nassau HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) Okaloosa EEEV: 1 horse (8/15) EEEV: 18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 9 sentinels (6/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Survive 1 sentinels (8/26, 9/23) SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22,	Miami-Dade Chikur Dengu EEEV: Dengu EEEV: HJV: 4 WNV: SLEV: Okaloosa Okaloosa EEEV: Description of the property o	ngunya: 2 humans (June) e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) sentinels (7/25, 8/18, 8/22)
Dengue: 5 humans (June, August) EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/29, 9/12) WNV: 10 sentinels (8/29, 9/12) WNV: 10 sentinels (8/29, 9/12) Okaloosa	Dengu	e: 5 humans (June, August) 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) sentinels (7/25, 8/18, 8/22)
Nassau EEEV: 13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) SLEV: 2 sentinels (8/29, 9/12) Okaloosa EEEV: 1 horse (8/15) EEEV: 18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) Orange HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) Pinellas SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) Pinellas SLEV: 3 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk SLEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam EEEV: 2 horses (6/6, 2/14, 2/28, 7/28, 9/2, 9/29, 9/29) WNV: 1 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 se	Nassau	13 sentinels (5/27, 5/31, 6/13, 6/20, 6/23, 6/27, 7/11, 7/19, 8/22) sentinels (7/25, 8/18, 8/22)
Nassau HJV: 4 sentinels (7/25, 8/18, 8/22) WNV: 10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27) Okaloosa EEEV: 1 horse (8/15) Beach: 1 k sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) Orange HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (8/1-5) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) Pasco HJV: 1 sentinel (7/22) WNV: 1 human (August) Pinellas SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk EEEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) Putnam EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota WNV: 1 sentinel (4/25) WNV: 1 sentinel (4/25) Seminole WNV: 2 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Nassau HJV: 4 WNV: SLEV: Okaloosa EEEV: EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV:	sentinels (7/25, 8/18, 8/22)
SLEV: 2 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/12, 9/13, 9/19, 9/27)	Okaloosa	10 sentinels (8/8, 8/18, 8/22, 8/25, 9/2, 9/12, 9/15, 9/19, 9/27)
Okaloosa EEEV: 1 horse (8/15) Orange EEEV: 18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) WNV: 12 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) Pinellas HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk EEEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam WNV: 16 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) WNV: 1 sentinel (4/25) Seminole WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5	Okaloosa EEEV: Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV: Chikur	
Orange EEEV: 18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18) HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam WNV: 1 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/29, 9/29) WNV: 1 sentinel (4/25) WNV: 1 sentinels (6/730, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/55, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Orange HJV: 4 WNV: SLEV: Osceola EEEV: Palm Beach Chikur EEEV:	2 sentinels (8/29, 9/12)
Orange HJV: 4 sentinels (1/2, 2/17, 8/25) WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) Pasco HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Orange HJV: 4 WNV: SLEV: SLEV: Dsceola Palm Beach Chikur EEEV: Chiku	1 horse (8/15)
WNV: 12 sentinels (8/4, 8/25, 9/2, 9/8, 9/22, 9/29) SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	WNV: SLEV:	18 sentinels (5/29, 6/5, 6/16, 6/19, 6/23, 6/25, 6/26, 7/7, 7/10, 7/21, 7/31, 8/7, 8/18)
SLEV: 1 sentinel (9/15) Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	SLEV: Osceola	
Osceola EEEV: 1 horse (7/30) Palm Beach Chikungunya: 4 humans (July) Pasco EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) Pinellas SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam WNV: 16 sentinels (8/56, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) HJV: 7 sentinels (8/26, 9/23) WNV: 1 sentinel (4/25) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Osceola EEEV: Palm Beach Chikur EEEV:	
Palm Beach Chikungunya: 4 humans (July) Pasco EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) Pinellas SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Palm Beach Chikur EEEV:	1 sentinel (9/15)
Pasco EEEV: 2 horses (5/31, 6/25); 4 sentinels (5/27, 6/10, 7/15) HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	EEEV:	1 horse (7/30)
Pasco HJV: 1 sentinel (7/22) WNV: 1 human (August) SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
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SLEV: 29 sentinels (7/21, 7/25, 7/28, 8/4, 8/11, 8/18, 8/25, 9/2, 9/8, 9/15) HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/29, 9/29) WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		· · ·
Pinellas HJV: 1 sentinel (8/25) WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) Polk SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
WNV: 4 sentinels (9/15, 9/29) EEEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
Polk SLEV: 5 sentinels (6/23, 6/30, 7/7); 1 horse (8/3) SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2)		
Polk SLEV: 1 sentinel (8/25) WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) Putnam WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
WNV: 1 human (September); 1 sentinel (9/2) EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/29, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
Putnam EEEV: 2 horses (6/17, 7/28); 7 sentinels (5/27, 6/17, 6/24, 7/8, 7/15, 7/22, 8/5) WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
Putnam WNV: 16 sentinels (8/5, 8/12, 8/26, 9/9, 9/16, 9/23) HJV: 7 sentinels (8/26, 9/23) Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/22, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
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Sarasota SLEV: 9 sentinels (2/6, 2/14, 2/28, 7/28, 9/2, 9/29, 9/29) WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
Sarasota WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
Santa Rosa WNV: 1 sentinel (4/25) Santa Rosa WNV: 1 asymptomatic blood donor (July) Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	Saraenta	
Seminole WNV: 9 sentinels (7/30, 8/5, 9/15, 9/22, 9/29) EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)	VVIN V :	
EEEV: 20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)		
		Described 17/00 DIE DIAE DIOD DION
St. Johns HJV: 7 sentinels (7/28, 8/18, 8/25)		20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9)
WNV: 1 asymptomatic blood donor (September); 28 sentinels (7/21, 7/28, 8/4, 8/11, 8/18, 8/25,	WNV:	20 sentinels (5/5, 5/12, 5/27, 6/16, 6/23, 6/30, 7/21, 7/28, 9/9) 's sentinels (7/28, 8/18, 8/25)

	9/2, 9/8, 9/15, 9/22)			
St. Lucie	Chikungunya: 4 humans (July, August)			
Sumter	WNV: 2 sentinels (9/8, 9/29)			
Suwannee	EEEV: 3 horses (8/5, 8/13, 8/15)			
	EEEV: 3 horses (3/19, 5/19, 5/24); 3 sentinels (5/27, 6/9)			
	HJV: 1 sentinel (8/18)			
Volusia	WNV: 3 humans (August, September); 1 horse (7/15); 22 sentinels (7/14, 7/21, 7/28, 8/4, 8/5, 8/12,			
	8/18, 8/25, 9/1, 9/8, 9/22, 9/29)			
	SLEV: 2 sentinels (9/15)			
	EEEV: 34 sentinels (2/24, 5/12, 5/19, 5/27, 6/3, 6/9, 6/16, 6/23, 6/30, 7/7, 7/14, 7/15, 7/21, 7/28,			
	8/4, 8/11, 8/12, 8/18, 8/26)			
Walton	HJV: 15 sentinels (3/10, 3/24, 5/12, 5/19, 6/16, 6/30, 7/15, 8/4, 8/11, 8/18, 8/25, 9/2)			
	WNV: 4 sentinels (3/10, 3/17, 6/9, 9/15)			
	SLEV: 1 sentinel (9/23)			
Washington	EEEV: 2 horses (7/15, 7/22)			

Acknowledgements and Data Sources

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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: http://www.floridahealth.gov/diseases-and-conditions/disease-reporting-and-management/disease-reporting-and-surveillance/index.html

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.