

# Florida Arboviral Activity Summary - 2001

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**Disclaimer: Please note that numbers are subject to change with confirmatory information.**

During the period of January 1, 2001 through December 31, 2001, the following arbovirus activity (St. Louis encephalitis [SLE] virus, eastern equine encephalomyelitis [EEE] virus, West Nile [WN] virus and dengue virus) was recorded for Florida:

## 2001 Cumulative Arbovirus Activity by County

### 1. Human Surveillance

#### Eastern Equine Encephalomyelitis (ICD Code 6220)

Three confirmed cases from Leon (onset 8/22), Levy (onset 8/4), and Okaloosa (onset 7/13) counties have been reported to the State Health Office.

#### West Nile Virus (ICD Code 6630)

Twelve cases of WN virus (ICD Code 6630) have been reported to the State Health Office from Duval (9/8), Jefferson (8/14), Leon (9/8), Madison (7/13, 7/14), Marion (10/21), Monroe (8/16, 9/10, 9/30), Palm Beach (10/5), Putnam (10/7), and Sarasota (7/25) counties.

#### St. Louis Encephalitis (ICD Code 6230)

No human activity this year.

#### Dengue (ICD Code 6100)

Fourteen confirmed cases from Broward (8/8, 10/19, 11/14), Collier (9/8), Miami-Dade (1/5, 4/8, 8/22, 9/14, 9/23, 9/25, 9/28, 9/30, 10/5), and Indian River (3/19) counties and seven probable cases from Miami-Dade (1/3, 7/8, 10/7, 10/28, 12/3), and Orange (7/27, 9/11) counties have been reported. All cases were acquired outside of the United States.

### 2. Animal Surveillance

#### West Nile Virus

Positive samples from 1048 dead birds in 62 counties, **194 sentinel chickens in 22 counties, and 492 horses in 42 counties** were received. In all, 65 of Florida's 67 counties reported WN activity. Dates of disease onset (horses), death (birds) or first positive bleed (sentinels) are shown in parentheses.

**Alachua:** 61 dead birds (40 crows 7/16, 8/23, 8/30, 9/4, 9/10 x2, 9/11 x2, 9/18 x4, 9/20, 9/24 x2, 9/25 x3, 9/27 x2, 10/1 x3, 10/3 x2, 10/4 x2, 10/8, 10/11 x2, 10/15 x3, 10/17 x3, 10/18 x3, 12/26; 3 jays 10/1, 10/3, 10/4; 2 doves 10/9 x2; finch 10/1; hawk 8/16; mockingbird 7/9; parrot 9/25; 3 sparrows 9/10, 10/1, 10/18; warbler 12/26; wren 9/25; 7 unidentified 8/6, 9/20, 9/25 x2, 10/3, 10/8, 10/17), **20 sentinel chickens** (9/24 x8, 10/9, 10/15 x6, 10/22 x4, 10/29), **44 horses** (8/14, 8/26, 8/30, 9/4, 9/5 x2, 9/8, 9/11 x2, 9/12, 9/17 x2, 9/18 x2, 9/19, 9/23, 9/25, 9/27 x3, 9/29, 9/30 x2, 10/2, 10/3, 10/4, 10/5 x2, 10/6 x3, 10/7, 10/10 x2, 10/12, 10/13, 10/14, 10/15 x3, 10/16, 10/18, 11/11 x2).

**Baker:** 6 horses (8/4, 8/26, 9/8, 9/14 x3), 2 dead birds (crow 8/10; warbler 9/10).

**Bay:** 14 sentinel chickens (8/21 x2, 9/18 x3, 9/24, 9/25, 10/23 x2, 11/6, 11/27, 12/4, 12/18 x2), 82 dead birds (25 jays 7/27, 8/15, 8/21, 9/10 x2, 9/11, 9/12 x2, 9/14, 9/17, 9/18, 9/19 x2, 9/24 x2, 9/25 x2, 9/27 x2, 9/28, 10/2, 10/8, 10/30, 11/6, 11/8; 14 crows 8/30 x2, 9/5, 9/16 x3, 9/17, 9/19, 9/21, 9/23, 9/24, 9/27, 10/1, 10/9; 14 doves 8/16, 8/29 x2, 9/4, 9/6 x2, 9/10, 9/25, 9/26, 10/8, 10/23, 10/31, 11/2, 11/6; finch 8/2, goose 10/1, hummingbird 10/3; 3 mockingbirds 8/16, 8/21, 9/6; 2 pigeons 9/10 x2; sparrow 8/8; 20 unidentified 8/17, 8/20, 8/29, 8/30, 9/5, 9/6 x2, 9/11 x2, 9/19, 9/21 x2, 9/25, 9/26 x3, 9/27, 10/1, 10/4, 10/8); **9 horses** (9/6, 9/24 x2, 10/9, 10/18, 10/29, 10/31, 11/7, 11/16).

**Bradford:** 19 dead birds (3 jays 8/27, 9/4 x2; cowbird 9/4; 9 crows 8/15, 8/27, 9/4, 9/10, 9/24, 10/1 x2, 10/3, 10/17; dove 10/17; thrush 9/17; 3 warblers 9/17, 10/8, 10/17; unidentified 8/27), **5 horses** (9/19, 9/20, 9/25, 10/8, 10/15).

**Brevard:** 1 sentinel chicken (11/2), 3 dead birds (chicken 8/30; dove 8/30; jay 9/5)

**Broward:** 1 horse (9/23), 10 dead birds (unidentified 8/23, 8/29, 9/5, 9/10, 9/17, 9/25, 9/26, 10/4, 10/5, 10/17)

**Calhoun:** 8 dead birds (4 jays 8/13, 8/15, 10/14, 10/20; 4 crows 8/15, 8/16, 9/4, 10/10)

**Charlotte:** 7 dead birds (4 doves 8/30, 10/3, 12/10 x2; finch 10/10; 2 grackles 12/14 x2)

**Citrus:** 3 sentinel chickens (10/8, 11/5, 11/19), 6 horses (9/30, 10/3, 10/11, 10/16, 11/4, 11/26), 14 dead birds (2 catbirds 10/6, 10/16; 3 crows 10/10, 10/15, 11/9; cuckoo 10/15; dove 9/13; 2 jays 8/22, 9/26; duck 10/8; thrush 10/8; 2 warblers 9/26 x2; unidentified 9/25)

**Clay:** 49 dead birds (6 jays 9/5, 9/10, 9/21, 10/1, 10/8, 10/16; catbird 10/25; conure 9/12; 24 crows 8/16, 8/20, 8/28, 8/30, 9/8, 9/10, 9/15, 9/16, 9/17 x2, 9/18, 9/21, 9/24, 9/26 x2, 9/28, 10/1, 10/3 x2, 10/5, 10/7, 10/8, 10/22, 11/24; 4 doves 9/14, 10/28 x2, 10/30; duck 8/26; heron 7/20; mockingbird 10/7; 2 parakeets 9/24 x2; 2 pigeons 8/27, 9/4; sapsucker 10/12; thrush 10/7; 4 warblers 9/3, 10/4, 10/8 x2), 42 horses (7/24, 8/5, 8/16, 8/19, 8/27, 9/3 x2, 9/4, 9/6, 9/11, 9/12, 9/13, 9/14 x3, 9/16, 9/17 x3, 9/18 x2, 9/19 x2, 9/20, 9/21, 9/22, 9/23 x2, 9/24, 9/25 x2, 9/26 x3, 9/28 x2, 10/1, 10/2, 10/7, 10/15, 10/18, 11/15)

**Collier:** 4 dead birds (2 doves 8/29, 10/25; gull 10/17; robin 10/4), 4 sentinel chickens (10/29, 11/14, 11/19, 12/4)

**Columbia:** 10 horses (9/7, 9/10 x2, 9/12, 9/14, 9/16, 9/17, 9/21, 9/22, 9/30), 29 dead birds (3 jays 8/27, 9/26, 10/22; 25 crows 8/6, 8/14 x2, 8/15, 8/16 x2, 8/17, 8/27, 8/29, 8/31, 9/7 x2, 9/10 x2, 9/13, 9/17, 9/18 x3, 9/25, 9/26, 9/28, 10/4, 10/8, 10/11; tufted titmouse 10/1)

**Dixie:** 8 dead birds (chickadee 9/27; crow 10/3; 4 doves 9/10, 9/26, 9/27, 10/1; duck 10/10; hawk 8/21)

**Duval:** 27 horses (7/20, 8/26, 9/1, 9/3, 9/4, 9/8 x2, 9/11 x2, 9/13, 9/14, 9/15, 9/16, 9/19, 9/20, 9/21 x2, 9/22, 9/24 x3, 9/25, 9/28 x2, 9/29, 10/11, 10/27), 31 sentinel chickens (7/10, 8/20, 9/4, 9/10 x4, 9/14, 9/17 x9, 9/24 x6, 10/1 x5, 10/15 x2, 10/29), 97 dead birds (44 jays 8/6, 8/13, 8/14, 8/20, 8/22, 8/28, 8/31, 9/1, 9/4 x3, 9/5 x3, 9/6, 9/7 x3, 9/10 x4, 9/11, 9/17, 9/18, 9/20 x3, 9/21, 9/23, 9/24, 9/25, 9/27, 9/29, 10/1, 10/2, 10/4 x4, 10/8, 10/19, 10/29, 11/1; 2 cardinals 9/10, 10/10; 15 crows 8/17 x2, 8/24, 9/4 x2, 9/5, 9/7 x2, 9/10 x2, 9/18, 9/21, 9/24, 9/27, 10/5; 4 doves 9/4, 9/27, 10/3, 11/11; 2 ducks 7/24, 9/4; 5 finches 10/1, 10/8, 10/9 x2, 10/18; grackle 12/17; mockingbird 9/5; pheasant 8/30; 4 pigeons 8/24, 9/4, 9/7, 9/28; shrike 8/31; starling 10/7; swallow 9/16; thrush 10/18; warbler 10/9; woodpecker 9/26; 12 unidentified 8/17, 8/23, 8/27, 9/5, 9/6, 9/13, 9/14, 9/18, 9/19, 10/2, 10/9, 11/11)

**Escambia:** 8 dead birds (2 jays 8/22, 9/7; catbird 10/2; 4 doves 10/2, 10/21, 10/29 x2; mockingbird 8/7)

**Flagler:** 2 dead birds (crow 9/4; unidentified 9/23); 2 horses (8/25, 10/19)

**Franklin:** 3 dead birds (2 jays 7/29, 8/27; crow 7/26)

**Gadsden:** 5 horses (8/2, 8/17, 8/31, 9/2, 9/6), 27 dead birds (blackbird 10/12; 2 jays 8/24, 9/18; cardinal 10/1; 18 crows 8/20, 8/22 x2, 8/24 x2, 8/27 x2, 9/4, 9/5, 9/7, 9/18 x2, 9/19, 9/20, 10/2, 10/12 x2; dove 9/18; 2 thrashers 9/19, 10/1; pigeon 11/6; unidentified 8/24)

**Gilchrist:** 4 horses (10/4 x2, 10/6, 10/14), 10 dead birds (2 jays 9/19, 10/1; 7 crows 8/23, 8/24, 8/26, 9/14, 9/17, 9/19, 10/5; dove 9/11)

**Glades:** 1 dead bird (dove 10/17)

**Gulf:** 4 horses (9/14 x2, 9/17, 10/1), 15 dead birds (6 jays 8/17, 9/7 x2, 9/27, 9/29, 10/2; 3 catbirds 9/25, 9/26, 10/8; 3 crows 8/21, 9/24, 11/13; 2 doves 8/17, 8/23; mallard duck 10/1)

**Hamilton:** 1 horse (8/17), 14 dead birds (jay 8/14; 11 crows 7/12, 7/24, 7/25, 7/30 x2, 8/7 x2, 8/9, 8/10, 8/16, 9/13; 2 hawks 8/7, 8/20)

**Hendry:** 2 dead birds (blackbird 9/25; chicken 9/25)

**Hernando:** 8 dead birds (jay 9/4; budgie 10/12; cardinal 9/4; 2 doves 9/5, 12/14; hawk 10/3; pigeon 8/17; unknown 10/9), 5 horses (10/1, 10/17, 10/18, 10/31, 11/15)

**Highlands:** 2 dead birds (jay 8/27; dove 10/10)

**Hillsborough:** 2 sentinel chickens (10/29, 11/5), 2 dead birds (owl 10/30; warbler 9/27)

**Holmes:** 5 horses (8/14, 9/7, 9/13, 9/22, 10/9), 12 dead birds (7 jays 7/20, 7/30, 8/7, 8/13, 8/15, 8/20, 9/14; 3 crows 7/18, 7/26, 8/3; thrasher 8/23; unknown 8/27)

**Indian River:** 3 sentinel chickens (11/8, 11/15, 11/21)

**Jackson:** 8 dead birds (3 jays 9/29, 10/5, 10/11; 4 crows 9/20, 9/21, 10/12, 10/31; unknown 10/9), 4 horses (9/16, 9/23, 10/4, 10/20)

**Jefferson:** 39 horses (7/9 x3, 7/13, 7/16 x2, 7/19 x2, 7/23 x2, 7/26 x2, 7/27, 7/29, 7/30, 7/31 x2, 8/1, 8/2, 8/3 x2, 8/6, 8/8, 8/9, 8/10, 8/13, 8/14, 8/15, 8/17, 8/18, 8/19 x2, 8/20, 8/23, 8/28 x2, 8/30, 9/7, 9/14), 14 dead birds (2 jays 7/10, 7/16; 7 crows 6/20, 7/9, 7/11, 7/12, 7/13, 7/17, 10/15; mockingbird 7/11; 4 unknown 7/10, 7/11, 7/13 x2)

**Lafayette:** 3 horses (9/4, 9/10 x2), 8 dead birds (cardinal 8/29; 7 crows 8/13, 8/22, 8/31, 9/4, 9/17 x3)

**Lake:** 13 dead birds (3 jays 9/28, 10/3, 10/9; catbird 9/27; 2 crows 10/13, 12/3; dove 10/6; mockingbird 10/17; 2 thrushes 10/12, 10/17; warbler 10/17; 2 unknown 10/13, 10/16), 9 horses (10/4, 10/5, 10/6, 10/10, 10/18, 10/26, 10/28, 11/13, 12/18)

**Lee:** 4 sentinel chickens (11/6 x3, 12/17), 2 dead birds (chicken 8/20; crow 8/15)

**Leon:** 53 sentinel chickens (7/24, 8/13, 8/20, 8/27 x3, 9/4, 9/10 x4, 9/18 x8, 9/24 x11, 10/2, 10/8 x12, 10/15 x2, 10/22 x3, 10/29 x2, 11/5, 12/10, 12/17), 33 horses (7/13, 7/28, 7/29, 8/1, 8/2, 8/5, 8/7, 8/12, 8/13, 8/16, 8/17, 8/23 x2, 8/25, 8/26, 8/28, 8/29 x2, 8/30 x2, 9/3, 9/5, 9/6, 9/10, 9/13, 9/16, 9/18, 9/20, 9/22, 10/22, 11/6 x3), 109 dead birds (26 jays 7/23, 8/10, 8/13 x2, 8/16 x4, 8/18, 8/20, 8/21, 8/22 x3, 8/23, 8/28 x2, 8/30, 9/12 x2, 9/18, 9/21 x2, 9/28, 9/30, 10/8; 2 bluebirds 7/18, 8/17; 3 blackbirds 7/16, 7/17, 8/20; 2 cardinals 8/21, 8/27; conyer 9/12; 40 crows 7/8, 7/12, 7/19, 7/25, 8/5, 8/8, 8/10, 8/14 x3, 8/16, 8/20, 8/21 x4, 8/22, 8/23 x2, 8/28 x2, 8/29, 8/31, 9/4, 9/7, 9/9, 9/12, 9/13, 9/17, 9/20, 9/21 x2, 9/25 x2, 10/2 x2, 10/3, 10/8 x2, 10/16; 3 doves 8/2, 9/28, 10/18; 3 finches 7/10, 9/17, 11/1; grackle 11/5; 2 hawks 6/9, 9/7; 2 mockingbirds 7/13, 9/7; pigeon 10/8; quail 10/14; 3 sparrows 8/23, 9/7, 10/8; thrasher 8/28; titmouse 11/1; woodpecker 10/16; 16 unknown 7/25, 8/2 x2, 8/10, 8/22, 9/12, 9/17, 9/25, 9/27, 10/2, 10/8 x2, 10/15, 10/16 x2, 10/17)

**Levy:** 11 horses (9/21, 9/24, 9/25, 9/27, 9/28, 10/6, 10/11, 10/18 x2, 10/31, 11/9), 21 dead birds (2 jays 9/10, 10/10; 13 crows 9/20, 9/24, 9/26, 10/2, 10/3 x2, 10/8, 10/9, 10/23, 10/30, 11/2, 12/6, 12/13; 3 doves 9/3, 9/4 x2; hawk 10/30; quail 8/14; thrush 10/4)

**Liberty:** 9 dead birds (6 jays 8/17, 8/22 x2, 9/5 x2, 9/28; 3 crows 8/4, 8/17, 8/24), 1 horse (10/20)

**Madison:** 9 horses (7/23, 7/24, 7/28, 8/1, 8/7, 8/8, 8/13, 8/17, 8/18), 10 dead birds (4 jays 7/12, 7/13, 7/19, 8/1; 6 crows 7/8, 7/10 x2, 7/11, 7/22, 10/4)

**Manatee:** 7 horses (7/3, 8/17, 8/26, 9/10, 9/23, 9/27, 10/1), 3 dead birds (catbird 10/17; 2 doves 8/28, 10/2)

**Marion:** 95 horses (8/4, 9/5 x2, 9/8, 9/10, 9/12, 9/13, 9/14, 9/15, 9/17, 9/18 x2, 9/19, 9/20 x2, 9/21 x2, 9/23 x3, 9/24, 9/27 x3, 9/30 x2, 10/6 x6, 10/3 x2, 10/4 x3, 10/5, 10/6 x2, 10/7 x3, 10/8 x2, 10/9 x2, 10/10, 10/11 x3, 10/13 x2, 10/15 x2, 10/16 x3, 10/17, 10/18 x2, 10/19 x3, 10/20 x2, 10/21 x2, 10/22 x4, 10/23 x2, 10/24, 10/30 x2, 11/1 x3, 11/2 x2, 11/4, 11/5, 11/8 x2, 11/13, 11/15, 11/22, 11/23, 11/27, 11/28, 12/6 x2, 12/10 ), 38 dead birds (2 jays 10/1, 10/10; blackbird 10/8; cardinal 10/3; catbird 10/9; 20 crows 9/21, 9/23, 9/26, 10/1 x4, 10/2, 10/3, 10/7 x2, 10/8, 10/9, 10/12, 10/16, 10/22, 10/25, 10/29, 11/5, 11/6; cuckoo 9/26; 3 doves 8/1, 10/1, 10/9; duck 10/4; finch 10/1; pheasant 9/16; 2 sparrows 10/3, 10/12; thrush 10/12; 2 warblers 10/1, 10/29; unknown 10/10)

**Martin:** 8 sentinel chickens (9/17 x2, 9/24, 10/8, 10/15, 10/22, 10/29 x2), 3 dead birds (jay 9/24; cardinal 10/14; crow 9/4)

**Miami-Dade:** 18 dead birds (2 jays 8/21, 9/28; blackbird 10/8; 2 doves 8/28, 9/25; hawk 10/26; 2 mockingbirds 8/27, 10/9; 4 pigeons 8/9, 10/17, 10/22 x2; sparrow 8/16; 5 unidentified 9/24, 9/30, 10/11, 10/15 x2)

**Monroe:** 18 dead birds (blackbird 9/21; 8 doves 9/24, 9/28, 10/4, 10/10, 10/11, 10/14, 10/15, 11/8; duck 10/9; jay 10/9; mockingbird 9/3, pigeon 10/4; pipit 9/3; starling 9/4; thrush 9/24; 2 warblers 10/15 x2)

**Nassau:** 16 horses (8/8, 8/11, 8/15, 9/4 x3, 9/8, 9/10, 9/14, 9/17, 9/19, 9/25 x2, 9/27, 10/8, 11/4), 23 dead birds (3 jays 8/20, 8/21, 10/1; cardinal 9/14; 18 crows 7/19, 8/7, 8/13, 8/20, 9/4, 9/6, 9/10, 9/12, 9/14 x4, 9/18 x3, 9/26 x3; unknown 8/20)

**Okaloosa:** 23 dead birds (blackbird 8/15; 7 jays 7/11, 8/28, 9/24, 9/28, 10/12, 10/25, 10/26; 9 doves 8/16, 8/24, 8/28, 9/26, 10/1, 10/12, 10/15, 10/28, 11/5; grackle 10/16; 3 sparrows 8/16 x2, 10/15; warbler 9/27; woodpecker 10/16), 1 horse (10/12)

**Okeechobee:** 1 horse (7/2), 2 sentinel chickens (11/5, 11/19), 1 dead bird (dove 7/27)

**Orange:** 3 sentinel chickens (11/29 x2, 12/16), 3 dead birds (jay 9/5; 2 pigeons 9/13, 10/2)

**Osceola:** 2 sentinel chickens (10/8, 10/15); 2 dead birds (crow 9/28, unknown 10/9)

**Palm Beach:** 3 sentinel chickens (10/8 x2, 12/17), 7 dead birds (cardinal 10/1; catbird 10/22; 2 doves 9/5, 9/21; grackle 12/14; merlin 9/28; unknown 10/7), 3 horses (9/9, 9/29, 10/9)

**Pasco:** 21 dead birds (blackbird 7/24; 12 doves 8/6, 8/30 x3, 9/12, 10/11, 10/14, 10/15, 10/17, 10/18 x2, 10/26; mockingbird 9/29; sparrow 10/19; 6 unknown 8/30, 8/31, 9/5, 9/6, 9/28, 10/16), 1 sentinel chicken (10/9), 1 horse (10/28)

**Pinellas:** 2 sentinel chickens (10/22, 11/5), 1 dead bird (finch 9/12)

**Polk:** 1 horse (11/24), 5 dead birds (blackbird 10/17, dove 10/17; 3 grackles 8/9, 10/2, 12/20)

**Putnam:** 10 dead birds (6 crows 9/23, 10/1 x2, 10/2, 10/4, 10/31; 2 doves 9/5, 9/17; mockingbird 8/30; sparrow 10/18), 8 sentinel chickens (8/21, 9/17 x2, 9/24 x4, 9/28), 9 horses (9/9, 9/13, 9/26, 10/2, 10/10, 10/22, 11/6 x2, 11/15)

**Santa Rosa:** 14 dead birds (jay 7/30; 8 doves 9/10, 9/11, 9/12, 10/11, 10/15, 10/31 x2, 11/6; finch 9/11; 2 warblers 10/16, 10/29; 2 unknown 9/26 x2)

**Sarasota:** 4 dead birds (4 doves 8/29, 10/2 x2, 10/3)

**Seminole:** 2 dead birds (2 doves 8/23, 8/24), 1 sentinel chicken (10/26)

**St. Johns:** 20 sentinel chickens (9/20 x3, 10/4 x4, 10/18 x5, 10/25, 11/8 x4, 11/21, 11/29, 12/10), 12 horses (8/4, 8/7, 8/13, 9/4, 9/8, 9/17, 9/18, 9/21, 9/26, 9/30 x2, 10/15)

**St. Lucie:** 2 dead birds (cuckoo 10/8; seagull 10/9)

**Sumter:** 4 horses (10/3, 10/18 x2, 12/26), 1 dead bird (mockingbird 9/10)

**Suwannee:** 20 horses (7/28, 8/3, 8/12, 8/16, 8/23, 8/24, 8/26, 8/29 x2, 8/30, 9/6, 9/7, 9/8, 9/11, 9/15, 9/16 x2, 9/22, 9/26, 10/16), 3 sentinel chickens (10/11 x2, 10/24), 46 dead birds (9 jays 7/20, 8/6, 8/20, 8/23, 8/30, 9/27, 10/1, 10/5, 10/14; bluebird 9/7; 28 crows 7/30, 8/6, 8/9, 8/20, 8/24, 8/28, 8/31, 9/4 x3, 9/6 x3, 9/7, 9/9, 9/12 x2, 9/13, 9/16, 9/17, 9/19, 9/21, 9/24, 9/25, 9/27, 10/4 x2, 10/6, 10/31; 2 doves 8/17, 8/20; grackle 9/7; hummingbird 9/11; 3 unknown 8/9, 8/21, 9/11)

**Taylor:** 17 horses (7/23, 7/25 x2, 7/26 x3, 8/1, 8/4 x2, 8/8, 8/10, 8/26 x2, 8/29, 9/12, 9/30, 10/7), 13 dead birds (4 jays 7/16, 8/14, 8/28, 9/10; 6 crows 7/12, 7/16, 8/6, 8/15, 9/4, 9/10; 2 doves 7/30, 9/4; unknown 10/11)

**Union:** 7 dead birds (2 jays 8/31, 9/24; 4 crows 8/16, 9/10 x2, 9/28; sparrow 8/21), 4 horses (8/27, 9/12, 10/3, 11/15)

**Volusia:** 1 horse (10/15), 3 dead birds (jay 9/28; 2 crows 9/20, 11/1)

**Wakulla:** 11 horses (8/10, 8/15, 8/16, 9/3 x2, 9/10, 9/24 x2, 9/25, 9/26, 9/28), 64 dead birds (13 jays 8/12, 8/13, 8/14, 8/16 x3, 8/19, 8/21, 8/22, 8/24, 8/27, 8/28, 9/11; 38 crows 7/11, 7/16, 7/25 x3, 7/28, 7/31, 8/2, 8/3 x2, 8/6, 8/7, 8/13, 8/14 x2, 8/15, 8/16 x2, 8/17 x4, 8/18, 8/19 x2, 8/20 x3, 8/21 x2, 8/22 x2, 8/26 x2, 8/27 x3, 8/28, 8/31; dove 11/9; shrike 8/15, swallow 8/13; 3 titmouse 7/31, 8/13, 8/30; warbler 8/14, woodpecker 8/7; 4 unknown 8/12, 8/17 x2, 8/20)

**Walton:** 6 sentinel chickens (10/8 x2, 10/15 x2, 10/29, 12/3), 7 dead birds (2 jays 9/9, 12/13; cardinal 10/1; 3 crows 9/16, 9/26, 10/14; sparrow 9/25), 1 horse (8/13)

**Washington:** 16 dead birds (2 jays 8/16, 10/3; 12 crows 7/7, 7/25, 8/1, 8/15, 8/21, 8/23, 8/27, 9/4, 9/12, 9/20, 9/24, 10/4; quail 9/24; titmouse 10/10), 11 horses (9/12, 9/15, 9/18 x2, 9/26, 10/5, 10/9 x2, 10/19, 11/6, 11/8)

### Eastern Equine Encephalomyelitis virus

Positive samples from 50 sentinel chickens in 11 counties, 41 horses in 22 counties, 11 dead birds in 7 counties, and 1 other animal were received. In all, 29 counties reported EEE activity. Dates of disease onset (horses), death (birds) or first known positive bleed (sentinels) are shown in parentheses.

**Alachua:** 3 sentinel chickens (7/30, 8/13, 9/10), 1 dead bird (sparrow 8/17)  
**Bay:** 4 horses (7/6, 7/12, 8/27, 9/7), 2 dead birds (finch 6/28, blue jay 8/13), 3 sentinel chickens (8/21 x2, 9/18)  
**Calhoun:** 2 horses (7/9, 9/5)  
**Clay:** 1 horse (9/1)  
**DeSoto:** 1 horse (8/30)  
**Duval:** 2 dead birds (blue jay 7/12, unspecified 7/15), 4 sentinel chickens (8/7 x2, 8/13, 8/27), 1 horse (8/21)  
**Escambia:** 1 horse (8/27)  
**Flagler:** 3 sentinel chickens (6/8, 7/19, 9/6)  
**Franklin:** 2 dead birds (pigeon 7/09, mockingbird 8/15)  
**Hamilton:** 1 horse (11/30)  
**Hillsborough:** 3 sentinel chickens (1/2, 4/30, 11/12)  
**Holmes:** 8 horses (6/14, 6/15, 6/19, 6/27, 7/6, 7/16, 8/2, 8/6)  
**Jackson:** 2 horses (6/18, 6/24)  
**Jefferson:** 1 horse (7/12)  
**Leon:** 2 dead birds (bluebird 7/17, dove 7/17), 9 sentinel chickens (8/13 x2, 8/20, 9/4, 10/22 x3, 11/5, 11/13), 1 horse (8/11)  
**Madison:** 1 horse (7/24)  
**Marion:** 2 horses (X, 12/1)  
**Nassau:** 2 horses (7/3, 7/6)  
**Okeechobee:** 1 horse (6/1)  
**Orange:** 10 sentinel chickens (6/5 x5, 6/6 x2, 7/3, 12/6, 12/18), 1 dead bird (common grackle 6/25)  
 1 horse (7/26)  
**Osceola:** 2 sentinel chickens (11/19, 12/17); 1 deer (7/29)  
**Putnam:** 2 sentinel chickens (8/6, 8/21), 1 horse (7/13)  
**Santa Rosa:** 4 horses (6/19, 7/6, 8/4, 8/27), 1 dead bird (mourning dove 8/03)  
**Seminole:** 1 horse (7/24)  
**Suwannee:** 1 horse (7/24)  
**St. Johns:** 1 sentinel chicken (7/23)  
**Union:** 1 horse (8/29)  
**Walton:** 10 sentinel chickens (8/7 x2, 8/27, 9/4 x2, 9/17, 11/13, 11/19 x2, 12/3), 2 horses (6/19, 7/6)  
**Washington:** 2 horses (6/29, 7/30)

### St. Louis Encephalitis virus

Positive samples from 7 sentinel chickens in 5 counties were received. In all, 5 counties reported SLE activity. Dates of first known positive bleed (sentinels) are shown in parentheses.

**Brevard:** 1 sentinel chicken (7/23)  
**Lee:** 2 sentinel chickens (3/5, 9/10)  
**Leon:** 1 sentinel chicken (12/17)  
**Orange:** 1 sentinel chicken (12/11)  
**Palm Beach:** 2 sentinel chickens (9/17, 12/17)

### 3. Mosquito Surveillance

WN: 42 mosquito pools have tested positive in 7 counties; collection dates shown in parentheses.

**Bay:** 2 *An. crucians* (9/26, 9/27), 2 *Cx. salinarius* (9/23, 9/26), 4 *Oc. infirmatus* (9/23 x3, 9/26), 4 *Oc. taeniorhynchus* (9/18, 9/23 x2, 9/26)  
**Holmes:** 4 *Oc. atlanticus* (6/27)  
**Jefferson:** 1 *Oc. atlanticus/tormentor* (7/9), 8 *Cx. nigripalpus* (8/8, 8/9 x2, 8/11 x5), 6 *Cx. quinquefasciatus* (8/7 x3, 8/8 x2, 8/9)  
**Madison:** 2 *Oc. atlanticus* (7/24, 7/25)  
**Monroe:** 2 *An. atropos* (9/26, 11/26), 2 *D. cancer* (10/23, 11/26), 2 *Oc. taeniorhynchus* (9/25, 10/3)  
**Pinellas:** 1 *An. crucians* (11/14), 1 *Cs. melanura* (11/6)

**Washington:** 1 *Cx. quinquefasciatus* (7/13), 1 *Oc. atlanticus* (7/12), 1 *Cx. nigripalpus* (7/13)

**EEE:** 1 mosquito pool has tested positive for virus; collection date shown in parentheses.

**Holmes:** 1 *Cx. quinquefasciatus* (6/27)

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To report dead birds use <http://wildflorida.org/bird/>. Online bird identification sites include: <http://www.mbr-pwrc.usgs.gov/id/framlst/framlst.html> or <http://data.acnatsci.org/ornithology/vireo.php>.

For more information please see the DOH website at [http://www.doh.state.fl.us/disease\\_ctrl/epi/htopics/arbo/index.htm](http://www.doh.state.fl.us/disease_ctrl/epi/htopics/arbo/index.htm)

The Disease Outbreak Information Hotline offers updates on medical alert status and surveillance at 888-880-5782. DOH Press releases can be seen at <a href="http://apps3.doh.state.fl.us/IRM/PressReleaseSearch/search.cfm">http://apps3.doh.state.fl.us/IRM/PressReleaseSearch/search.cfm</a> .
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