# Florida Arboviral Activity Summary - 2002

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

During the period of January 1, 2002 through December 31, 2002, 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:

# 2002 Cumulative Arbovirus Activity by County

### 1. Human Surveillance

# Eastern Equine Encephalomyelitis (ICDCode 6220)

One confirmed case with disease from Highlands County (onset date 6/3) has been reported to the State Health Office.

### West Nile Virus (ICD Codes 6630 and 6631)

Twenty-eight cases of WN meningo-encephalitis (ICD Code 6630) with two fatalities (7.1%) have been reported to the State Health Office: Alachua (onset 10/8, transfusion recipient), Brevard (10/31), Citrus (9/27), Clay (11/2), Duval (11/12), seven from Escambia (onset 8/20, 9/7, 9/23, 9/23, 9/27, 9/29, 10/11), Hillsborough (8/20), Lake (9/29), Lee (10/1), Manatee (11/12), three from Marion (9/2, 10/2, 11/9), Miami-Dade (transplant recipient with onset date 8/12), Orange (8/12), two from Palm Beach (10/27, 10/31), Polk (8/25), Santa Rosa (11/4), two from Sarasota (8/30, 12/4) and Sumter (7/13) Counties. Seven cases of WN fever (ICD Code 6631), a milder form of the disease, were reported from Alachua (9/17), Baker (11/14), Collier (10/18), Highlands (11/4), Jackson (11/1), Miami-Dade (transplant recipient with onset date 8/9) and Pasco (11/16) counties.

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

One confirmed case has been reported from Escambia County (onset date 9/25).

### Dengue (ICDCode 6100)

Twelve confirmed cases from Miami-Dade (3/6, 7/22, 8/22, 8/27, 9/23, 9/25, 9/28, 10/5, 10/13) and Broward (8/3, 8/4, 11/14) counties and nine probable cases from Miami-Dade (1/21, 10/7, 10/28, 12/3), Hillsborough (1/4), Orange (6/2), Osceola (1/23), and Palm Beach (2/7, 7/27) counties have been reported. All cases were acquired outside of the United States.

#### 2. Animal Surveillance

<u>Bird Mortality</u>: In 2002, 3,460 birds were tested and over 400 more were too decomposed to be tested. Throughout the year, 10,046 bird reports were logged representing 12,520 dead birds; 1,229 (10%) were crows; 1,357 (11%) were blue jays and 320 (3%) were raptors.

#### West Nile Virus

Positive samples from 445 dead birds in 47 counties, 1059 sentinel chickens in 29 counties, 499 horses in 44 counties and 6 other animals in three counties were received. In all, 56 of Florida's 67 counties reported WN activity. Dates of disease onset (horses), death (birds) or first positive bleed (sentinels) are shown in parentheses.

- Bay: 3 sentinel chickens (10/8, 11/12, 12/17), 7 dead birds (blue jays 10/14, 12/23; cardinal 10/11; catbird 10/18; cuckoo 10/18; pheobe 11/6; thrush 11/12), 2 horses (10/15, 10/16)
- Bradford: 1 dead bird (cardinal 8/15)
- Brevard: 57 sentinel chickens (6/28, 6/28, 7/5, 7/12, 7/12, 7/18, 7/18, 7/19, 8/1, 8/1, 8/9, 8/12, 8/15, 8/16, 8/16, 8/22, 8/22, 8/23, 8/30, 8/30, 8/30, 9/3, 9/5, 9/6, 9/6, 9/6, 9/12, 9/13, 9/13, 9/13, 9/19, 9/26, 9/26, 9/27, 10/3, 10/3, 10/4, 10/4, 10/10, 10/11, 10/11, 10/17, 10/17, 10/17, 10/17, 10/18, 10/18, 10/24, 10/24, 10/25, 10/25, 10/25, 10/25, 10/25), 7 horses (7/15, 8/11, 8/19, 8/20, 9/17, 9/27, 10/17), 2 dead birds (jays 9/19, 10/2)
- Broward: 1 horse (9/26), 1 dead bird (thrush 12/5)
- Calhoun: 1 dead bird (blue jay 10/28)
- Charlotte: 35 sentinel chickens (8/9, 8/16, 8/23, 8/23, 8/30, 9/6, 9/6, 9/6, 9/13, 9/13, 9/13, 9/20, 9/20, 9/20, 9/20, 9/27, 9/27, 9/27, 10/4, 10/11, 10/11, 10/18, 10/18, 10/18, 10/18, 10/25, 10/25, 10/25, 10/25, 11/15, 12/6, 12/6, 12/6, 12/27), 1 dead bird (jay 8/20), 2 horses (9/4, 10/14)
- Citrus: 24 sentinel chickens (7/15, 9/4, 9/9, 9/16, 9/16, 9/16, 9/16, 9/16, 9/23, 9/23, 9/30, 10/1, 10/1, 10/7, 10/14, 10/21, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 11/18), **7 horses** (8/17, 8/18, 9/15, 9/17, 10/18, 10/21, 11/9), **5 dead birds** (2 crows 9/12, 10/18; 3 jays 9/15, 9/19, 9/25)
- Clay: 3 dead birds (dove 8/8; 2 crows 9/3, 10/18), 1 horse (8/19)
- Collier: 12 dead birds (4 jays 7/25, 8/22, 10/10, 11/21; 5 crows 8/22, 8/29, 9/4, 9/22, 10/1; heron 9/7; Australian parakeet 11/6; hawk 11/26), 39 sentinel chickens (8/11, 9/3, 9/9, 9/9, 9/9, 9/9, 9/16, 9/16, 9/16, 9/16, 9/23, 9/23, 9/23, 9/30, 9/30, 10/1, 10/1, 10/1, 10/1, 10/8, 10/8, 10/14, 10/14, 10/14, 10/14, 10/15, 10/15, 10/22, 10/22, 11/4, 11/4, 12/16, 12/16, 12/16, 12/16, 12/17)
- Columbia: 1 horse (6/14), 2 dead birds (dove 8/8, crow 10/1)
- DeSoto: 6 horses (8/12, 8/22, 8/30, 9/9, 9/26, 10/7), 1 dead bird (crow 9/23), 3 sentinel chickens (10/7, 10/28, 10/28)
- Dixie: 1 dead bird (crow 12/2)
- Duval: 1 horse (4/11), 22 sentinel chickens (8/13, 8/20, 8/27, 8/27, 8/27, 8/27, 10/1, 10/8, 10/10, 10/14, 10/14, 10/14, 10/21, 10/21, 10/21, 10/29, 10/29, 10/29, 11/5, 12/3, 12/3, 12/16)
- Escambia: 126 dead birds (blackbird 7/17; bluebird 7/17; 83 blue jays 7/17, 7/17, 7/17, 7/18, 7/19, 7/23, 7/29, 7/30, 7/31, 8/1, 8/5, 8/6, 8/6, 8/7, 8/7, 8/8, 8/12, 8/12, 8/12, 8/13, 8/13, 8/14, 8/14, 8/21, 8/21, 8/21, 8/21, 8/26, 9/24, 9/30, 9/30, 9/30, 10/7, 10/7, 10/7, 10/7, 10/7, 10/7, 10/7, 10/9, 10/9, 10/9, 10/9, 10/9, 10/14, 10/14, 10/14, 10/14, 10/14, 10/14, 10/17, 10/17, 10/17, 10/17, 10/9; chicken 8/21; coopers hawk 7/19; 7 crows 7/23, 8/13, 8/26, 9/3, 10/7, 10/9, 10/9, 10/22; 4 doves 7/29, 8/7, 8/21, 9/24; 4 grackles 8/12, 8/21, 10/9, 10/17; 2 mockingbirds 8/8, 8/10; pigeon 8/4; 10 sparrows 7/29, 7/30, 8/13, 8/13, 8/26, 8/28, 9/3, 9/16, 9/16, 10/17; 4 titmouses 7/17, 8/6, 9/16, 10/7; 2 shrikes 9/24, 10/17), 39 horses (8/11, 8/11, 8/13, 8/14, 8/26, 9/3, 9/4, 9/9, 9/9, 9/17, 9/20, 9/20, 9/23, 9/24, 9/28, 9/28, 9/30, 10/1, 10/4, 10/5, 10/6, 10/12, 10/13, 10/13, 10/14, 10/15, 10/16, 10/17, 10/17, 10/20, 10/26, 10/26, 10/26, 10/29,11/1, 11/1, 11/4, 11/5, 11/11), 2 squirrels (10/7, 10/17).
- Flagler: 6 dead birds (2 jays 5/24, 7/16; crow 8/21; screech owl 10/21; cockatiel 11/1; dove 11/7); 2 horses (7/31, 8/16), 18 sentinel chickens (6/26, 7/3, 8/7, 8/7, 8/8, 8/14, 8/21, 8/21, 8/21, 8/21, 8/28, 8/28, 8/28, 9/4, 9/18, 9/25, 11/13, 12/3)
- Gilchrist: 1 horse (8/19), 5 dead birds (2 crows 9/20, 10/4; mourning dove 9/23; 2 hawks 9/23, 11/18)
- Glades: 2 horses (8/8, 9/8), 1 dead bird (dove 8/23)
- Hardee: 2 dead birds (crows 8/21, 9/18), 1 horse (10/17)
- Hendry: 9 sentinel chickens (9/3, 9/15, 9/16, 9/16, 9/16, 10/28, 10/28, 11/25, 12/23)
- Hernando: 7 dead birds (4 crows 7/31, 8/30, 10/4, 10/28; grosbeak 10/17; mourning dove 10/28; 1 blue jay 11/5), 20 horses (8/19, 8/22, 9/10, 9/11, 9/13, 9/14, 9/27, 10/1, 10/1, 10/1, 10/1, 10/10, 10/11, 10/11, 10/15, 10/19, 10/19, 10/21, 11/1, 11/20)
- Highlands: 1 horse (8/4), 4 dead birds (3 jays 9/13, 9/30, 10/22; crow 9/13)
- Hillsborough: 45 sentinel chickens (8/12, 8/12, 8/12, 8/19, 8/19, 8/19, 8/26, 8/26, 9/9, 9/9, 9/9, 9/9, 9/9, 9/9, 9/16, 9/16, 9/23, 9/23, 9/23, 9/30, 9/30, 10/7, 10/7, 10/7, 10/14, 10/25, 10/25, 10/28, 10/28, 10/28, 10/28, 10/28, 11/4, 11/12, 11/18, 11/18, 12/2, 12/2, 12/9, 12/9, 12/16, 12/30, 12/30), 21 horses (8/19, 8/19, 8/21, 8/22, 8/25, 9/5, 9/12, 9/18, 9/18, 9/20, 9/24, 9/28, 9/29, 10/13, 10/20, 10/21, 10/24, 10/27, 10/28, 11/4, 11/24), 8 dead birds (6 jays 8/13, 8/14, 9/19, 9/20, 9/23, 9/30; 2 crows 9/27, 10/3)
- Holmes: 16 horses (10/4, 10/7, 10/7, 10/11, 10/18, 11/1, 11/1, 11/2, 11/3, 11/5, 11/11, 11/16, 11/16, 11/24, 11/24, 12/5), 3 dead birds (2 crows 10/9, 10/9; dove 10/15)
- Indian River: 38 sentinel chickens (8/1, 8/15, 8/22, 8/22, 8/22, 8/22, 8/29, 8/29, 9/19, 9/19, 9/19, 9/19, 9/26, 10/3, 10/3, 10/10, 10/10, 10/10, 10/10, 10/10, 10/17, 10/17, 10/17, 10/23, 10/23, 10/23, 10/23, 10/23, 11/7, 11/27, 12/5, 12/19
- Jackson: 35 dead birds (26 crows 9/6, 9/11, 9/12, 9/20, 9/20, 9/28, 9/30, 10/1, 10/1, 10/9, 10/10, 10/22, 10/23, 10/28, 10/29, 10/31, 11/2, 11/2, 11/2, 11/2, 11/2, 11/4, 11/13, 11/18, 11/21, 11/21; 8 jays 9/27, 10/10, 10/18, 10/30, 11/17, 11/21, 11/25, 12/19; 1 woodpecker 11/15), 29 horses (9/27, 10/7, 10/7, 10/8, 10/13, 10/14, 10/16, 10/17, 10/21, 10/26, 10/27, 10/28, 11/1, 11/1, 11/2, 11/6, 11/6, 11/7, 11/7, 11/7, 11/8, 11/11, 11/11, 11/11, 11/18, 11/28, 12/7, 12/9, 12/13)

- Lake: 34 dead birds (8 blue jays 7/4, 8/15, 9/2, 9/7, 9/11, 9/28, 10/7, 10/17; 24 crows 6/11, 8/6, 8/6, 8/8, 8/12, 8/12, 8/12, 8/21, 8/21, 8/22, 9/3, 9/8, 9/13, 9/16, 9/17, 9/24, 9/26, 9/30, 10/2, 10/3, 10/4, 10/8, 10/18, 10/22; mockingbird 8/23, raptor 9/13), 28 horses (7/6, 7/7, 7/12, 7/17, 7/27, 7/29, 8/6, 8/7, 8/10, 8/10, 8/12, 8/13, 8/14, 8/18, 8/20, 8/21, 8/22, 8/24, 8/28, 9/10, 9/13, 9/14, 9/20, 9/26, 9/29, 10/31, 11/3)
- Lee: 82 sentinel chickens (7/8, 8/5, 8/5, 8/13, 8/13, 8/19, 8/19, 8/19, 8/20, 8/26, 8/26, 9/2, 9/3, 9/3, 9/9, 9/9, 9/9, 9/16
- Leon: 6 sentinel chickens (8/6, 9/16, 9/16, 9/30, 10/21, 11/18), 4 dead birds (vireo 10/17; 3 crows 10/22, 10/30, 11/21)
- Levy: 18 horses (7/2, 7/20, 9/1, 9/5, 9/20, 9/29, 10/10, 10/12, 10/15, 10/16, 10/20, 10/27, 11/5, 11/15, 11/17, 11/22, 11/22, 11/24), 8 dead birds (7 crows 8/28, 9/10, 10/3, 10/5, 10/9, 10/9, 10/9; bluebird 9/30),
- Liberty: 1 dead bird (wild turkey 1/10)
- Manatee: 7 horses (7/3, 8/17, 8/26, 9/10, 9/23, 9/27, 10/1), 51 sentinel chickens (7/26, 8/9, 8/16, 8/16, 8/23, 8/30, 8/30, 8/30, 8/30, 8/30, 8/30, 8/30, 9/6, 9/13, 9/13, 9/13, 9/13, 9/13, 9/20, 9/20, 9/20, 9/20, 9/27, 9/27, 9/27, 9/27, 10/10, 10/10, 10/18, 10/18, 10/18, 10/25, 10/25, 10/25, 10/25, 10/25, 10/25, 10/25, 10/25, 11/8, 11/8, 11/8, 11/8, 11/15, 12/9, 12/9, 12/23, 12/23)
- Marion: 122 horses (1/3, 1/6, 1/14, 1/21, 7/19, 7/30, 8/19, 8/21, 8/22, 8/23, 8/23, 8/24, 8/25, 8/26, 8/27, 8/28, 8/28, 8/29, 9/1, 9/2, 9/3, 9/3, 9/4, 9/4, 9/4, 9/5, 9/9, 9/9, 9/10, 9/10, 9/10, 9/10, 9/11, 9/13, 9/15, 9/15, 9/15, 9/15, 9/16, 9/17, 9/19, 9/19, 9/20, 9/20, 9/20, 9/21, 9/21, 9/22, 9/23, 9/24, 9/25, 9/25, 9/26, 9/26, 9/27, 9/27, 9/27, 9/28, 9/28, 9/28, 9/29, 10/2, 10/2, 10/2, 10/4, 10/4, 10/5, 10/5, 10/6, 10/8, 10/9, 10/9, 10/9, 10/9, 10/10, 10/10, 10/10, 10/10, 10/11, 10/11, 10/13, 10/14, 10/14, 10/14, 10/16, 10/16, 10/18, 10/18, 10/18, 10/18, 10/19, 10/22, 10/22, 10/22, 10/22, 10/22, 10/23, 10/26, 10/28, 10/28, 11/2, 11/2, 11/3, 11/5, 11/5, 11/5, 11/5, 11/5, 11/11, 11/12, 11/14, 11/16, 11/17, 11/19, 11/20, 11/26, 12/9, 12/14), 40 dead birds (33 crows 7/22, 8/23, 8/23, 8/29, 8/29, 9/5, 9/6, 9/9, 9/16, 9/25, 9/25, 10/2, 10/2, 10/8, 10/8, 10/14, 10/14, 10/14, 10/14, 10/14, 10/14, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 11/5, 11/5, 11/5, 11/5, 11/6, 11/6, 11/20; 4 jays 8/26, 10/2, 10/28, 10/28, 10/28; swan 9/11; cardinal 12/4; tufted titmouse 12/4)
- Martin: 30 sentinel chickens (7/29, 8/12, 9/9, 9/16, 9/16, 9/16, 9/16, 9/16, 9/23, 9/23, 9/23, 9/23, 9/30, 10/7, 10/7, 10/7, 10/7, 10/7, 10/14, 10/14, 10/14, 10/14, 10/21, 10/25, 10/28, 10/28, 10/28, 10/28, 10/28, 11/8, 11/18), 5 horses (10/12, 10/21, 11/2, 11/19, 11/26)
- Miami-Dade: 2 horses (3/23, 9/28), 2 dead birds (hawk 10/8; American kestrel 12/23)
- Monroe: 1 dead bird (double-crested cormorant 11/6)
- Okaloosa: 4 dead birds (chicken 8/19; jay 9/20; crow 10/15; cardinal 10/31), 2 horses (10/5, 10/20)
- Okeechobee: 1 horse (7/2), 14 sentinel chickens (8/26, 9/16, 9/16, 9/23, 10/7, 10/7, 10/7, 10/21, 10/21, 10/28, 10/28, 10/28, 11/18, 12/16), 3 dead birds (2 crows 9/12, 11/21; mourning dove 12/6)
- Osceola: 51 sentinel chickens (7/2, 7/2, 7/2, 7/3, 7/16, 8/6, 8/20, 8/27, 8/27, 8/27, 8/30, 9/3, 9/3, 9/3, 9/10, 9/16, 9/16, 9/16, 9/16, 9/16, 9/23, 9/24, 10/4, 10/7, 10/7, 10/7, 10/7, 10/7, 10/7, 10/10, 10/14, 10/14, 10/14, 10/14, 10/18, 10/22, 10/22, 10/25, 10/25, 10/29, 10/29, 10/29, 11/12, 11/12, 12/10, 12/10, 12/10, 12/10, 12/10, 12/24, 12/24), 7 horses (7/9, 8/3, 8/15, 8/18, 8/21, 9/7, 10/3)

dead birds (grackle 6/3; thrasher 7/17; 3 jays 8/8, 8/12, 9/10; 3 raptors 8/17, 9/6, 9/13; crow 9/11; duck 9/9), 3 alligators.

- Palm Beach: 52 sentinel chickens (3/4, 4/29, 7/15, 8/12, 8/26, 9/3, 9/3, 9/3, 9/16, 9/16, 9/16, 9/23, 9/30, 9/30, 9/30, 9/30, 10/7, 10/7, 10/7, 10/7, 10/7, 10/7, 10/14, 10/21, 10/21, 10/21, 10/21, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 10/28, 11/12, 11/18, 11/25, 11/25, 12/2, 12/9, 12/9, 12/9, 12/16, 12/16, 12/16, 12/16, 12/16, 12/30, 12/30, 12/30, 12/30, 7 dead birds (peacock 3/20; sparrow 8/8; chicken 8/13; 2 blue jays 8/29, 9/4; oven bird 9/6; warbler 10/14), 5 horses (9/17, 11/9, 11/15, 11/19, 12/2)
- Pasco: 12 dead birds (7 crows 7/30, 8/16, 9/9, 9/9, 9/18, 9/20, 9/30; 2 sparrows 8/14, 10/7; blue jay 9/12; hawk 11/14; cardinal 11/14), 29 sentinel chickens (8/6, 9/3, 9/10, 9/17, 9/17, 9/24, 9/24, 9/24, 9/24, 9/24, 10/1, 10/1, 10/1, 10/1, 10/8, 10/8, 10/8, 10/14, 10/14, 10/22, 10/22, 10/22, 10/22, 10/22, 10/29, 10/29, 10/29, 11/5), 19 horses (8/17, 8/17, 8/31, 9/5, 9/6, 9/13, 9/14, 9/15, 9/16, 9/17, 9/21, 9/24, 10/13, 10/13, 10/13, 10/14, 10/18, 10/29, 11/7)
- Pinellas: 28 sentinel chickens (6/3, 6/3, 6/10, 6/10, 6/10, 6/10, 6/24, 6/24, 8/5, 8/19, 8/26, 9/3, 9/23, 9/30, 10/2, 10/14, 10/14, 10/21, 10/28, 10/28, 11/4, 11/12, 12/2, 12/10, 12/10, 12/10, 12/16, 12/30), 6 dead birds (6 blue jays 8/21, 8/21, 9/4, 9/17, 9/24, 9/25), 1 horse (10/3)
- Polk: 22 horses (2/7, 7/20, 7/25, 7/31, 8/13, 8/17, 8/17, 8/20, 8/20, 8/21, 8/24, 8/24, 8/31, 9/5, 9/7, 9/16, 9/22, 9/24, 10/1, 10/14, 10/18, 11/3)
- Putnam: 7 dead birds (blue jay 8/14; 6 crows 4/8, 4/24, 2/29, 8/26, 10/16, 11/12), 29 sentinel chickens (7/15, 7/22, 8/9, 8/9, 8/16, 8/16, 8/16, 8/23, 8/23, 8/23, 8/23, 8/30, 8/30, 9/6, 9/6, 9/6, 9/6, 9/13, 9/13, 9/13, 9/13, 9/20, 9/20, 9/20, 9/27, 9/27, 10/4, 10/8, 10/8), 2 horses (10/25, 11/3)

- Santa Rosa: 12 horses (8/11, 9/27, 10/3, 10/5, 10/7, 10/15, 10/17, 10/25, 10/25, 11/2, 11/6, 11/17), 11 dead birds (6 jays 9/21, 10/14, 10/?, 10/17, 11/4, 11/9; 4 northern cardinals 10/20, 10/21, 10/25, 12/5; 1 crow 10/?)
- Seminole: 5 horses (7/2, 8/13, 9/3, 10/20, 10/22), 5 dead birds (mockingbird 7/12; crow 9/16; chicken 9/11; parrot 9/4; jay 11/21), 24 sentinel chickens (7/25, 8/8, 8/9, 8/16, 8/16, 8/22, 8/23, 8/29, 9/6, 9/12, 9/12, 9/13, 9/19, 9/26, 9/26, 9/26, 10/3, 10/24, 10/25, 12/5, 12/19, 12/20)
- **St. Johns:** 48 sentinel chickens (7/8, 7/15, 7/15, 7/21, 7/22, 7/29, 8/5, 8/12, 8/19, 8/19, 8/19, 8/26, 8/26, 8/26, 9/3, 9/3, 9/3, 9/9, 9/9, 9/16, 9/16, 9/16, 9/17, 9/23, 9/23, 9/23, 9/23, 9/23, 9/23, 9/23, 9/23, 9/30, 10/15, 10/15, 10/15, 10/21, 10/21, 10/21, 10/21, 10/21, 10/28, 10/2
- St. Lucie: 12 sentinel chickens (8/22, 9/26, 9/26, 10/11, 10/17, 10/23, 10/23, 10/23, 10/23, 11/7, 11/14, 11/21), 1 dead bird (blue jay 10/18)
- Sumter: 18 horses (7/20, 8/15, 8/22, 8/26, 8/31, 8/31, 9/1, 9/7, 9/12, 9/14, 9/14, 9/16, 9/23, 9/23, 9/26, 9/28, 10/13, 10/20), 5 dead birds (3 crows 9/9, 10/2, 10/4; tufted titmouse 9/20; blue jay 10/22)
- Suwannee: 2 horses (8/12, 10/4)
- Union: 1 dead bird (chicken 8/9)
- Volusia: 71 sentinel chickens (1/28, 5/27, 5/27, 5/27, 5/27, 6/10, 6/17, 7/2, 7/2, 7/2, 7/15, 7/15, 7/15, 7/15, 7/23, 7/23, 7/29, 7/29, 8/5, 8/5, 8/5, 8/5, 8/10, 8/10, 8/12
- Walton: 18 sentinel chickens (1/7, 3/25, 4/8, 4/22, 7/22, 8/5, 8/19, 9/23, 9/30, 9/30, 10/7, 10/21, 10/21, 10/28, 10/28, 11/18, 12/9, 12/16), 3 dead birds (jay 8/8; crow 11/12; Eastern blue bird 12/12), 4 horses (10/5, 10/27, 11/14, 11/17)
- Washington: 3 dead birds (owl 8/15; hawk 10/21; flycatcher 11/5), 3 horses (10/14, 11/3, 11/3)

### Eastern Equine Encephalomyelitis virus

Positive samples from 70 sentinel chickens in 12 counties, 25 horses in 19 counties and 3 dead birds in two counties were received. In all, 27 counties reported EEE activity. Dates of disease onset (horses) or first known positive bleed (sentinels) are shown in parentheses.

- Bay: 2 horses (10/28, 11/25), 1 dead bird (yellow rumped warbler 11/19)
- Charlotte: 1 horse (5/14)
- Duval: 2 sentinel chickens (7/2, 9/3)
- Flagler: 6 sentinel chickens (1/2, 1/2, 1/8, 7/17, 8/7, 10/16)
- Gadsden: 1 horse (10/30)
- Gulf: 1 horse (10/27)
- Hardee: 1 horse (6/17)
- Hillsborough: 5 sentinel chickens (1/10, 1/14, 1/14, 1/14, 1/14), 1 horse (6/10)
- Holmes: 2 horses (6/3, 6/10)
- Jefferson: 1 horse (8/1)
- Lake: 1 horse (3/25)
- Lee: 1 horse (4/7)
- Leon: 10 sentinel chickens (9/30, 9/30, 10/21, 10/21, 10/28, 10/28, 10/28, 11/4, 11/4, 11/4)
- Manatee: 2 horses (7/11, 7/29)
- Marion: 2 horses (5/13, 10/22)
- Orange: 18 sentinel chickens (1/14, 1/18, 1/25, 1/28, 2/1, 2/4, 3/7, 3/8, 3/8, 3/11, 3/15, 3/21, 3/25, 3/26, 3/28, 6/11, 8/1, 10/25), 1 horse (7/31)
- Osceola: 1 horse (4/23), 1 sentinel chicken (6/20)
- Pasco: 1 horse (7/31)

\*

Equine cases are determined by the Department of Agriculture and Consumer Services

- Pinellas: 1 sentinel chicken (3/11)

- Polk: 3 horses (2/20, 3/25, 7/18)

- Putnam: 3 sentinel chickens (7/15, 7/22, 7/22)

- Santa Rosa: 2 dead birds (finch 11/1, barn swallow 11/7)

Seminole: 3 sentinel chickens (4/1, 4/4, 4/15)

- St. Johns: 1 horse (4/14); 4 sentinel chickens (9/3, 9/3, 5/22,10/7)

Volusia: 8 sentinel chickens (5/28, 5/29, 6/6, 6/10, 6/10, 6/10, 6/17, 6/17); 1 horse (4/25)

Walton: 9 sentinel chickens (4/15, 4/16, 4/16, 4/23, 4/29, 5/15, 10/28, 12/9, 12/9)

Washington: 1 horse (7/6)

# 3. Mosquito Surveillance

Mosquito Pools: Over 4,200 mosquito pools collected during 2002 were submitted for testing at the DOH Tampa Laboratory. At least 982 additional pools were tested by mosquito control agencies and 298 pools were tested by Department of Defense installations in the state.

<u>WN:</u> 67 mosquito pools have tested positive in 9 counties; collection dates shown in parentheses.

Citrus: 1 *An .crucians* (9/5), 1 *Cx. nigripalpus* (10/14) Collier: 6 *Cx. nigripalpus* (9/17, 9/17, 9/17, 9/17, 10/1, 10/8)

Escambia: 1 mixed (10/8)

Lee: 35 Cx. nigripalpus (7/31, 7/31, 8/1, 8/1, 8/1, 8/1, 8/1, 8/1, 8/7, 8/7, 8/7, 8/7, 8/7, 8/7, 8/7, 8/13, 8/13, 8/13, 8/13, 8/14, 9/4,

9/4, 9/4, 9/4, 9/4, 9/11, 9/11, 9/11, 9/19, 9/19, 9/19, 9/19, 10/8, 10/9)

Orange: 1 unspecified (10/28)

Palm Beach: 2 Cx. nigripalpus (10/11, 10/17)

Pinellas: 2 Cx. nigripalpus (6/17, 9/9)

St. Johns: 11 Oc. taeniorhynchus (7/16, 7/18, 7/23, 7/23, 7/30, 7/30, 8/28, 8/30, 9/3, 8/28, 9/17)

Volusia: 7 Cx. nigripalpus (7/2, 7/11, 7/16, 8/5, 8/5, 8/5, 8/9)

<u>EEE</u>: 2 mosquito pools have tested positive for virus; collection dates shown in parentheses.

Escambia: 1 *Cx. salinarius* (12/18) Volusia: 1 *Cx. nigripalpus* (7/23)

SLE: 2 mosquito pools have tested positive for virus; collection dates shown in parentheses.

Lee: Ae. albopictus (7/17), Cx. nigripalpus (7/25)

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

For more information please see the DOH website at <a href="http://www.doh.state.fl.us/disease">http://www.doh.state.fl.us/disease</a> <a href="http://creativecommons.org/ct/ct/">ctrl/epi/http://creativecommons.org/ct/ct/<a href="http://www.doh.state.fl.us/disease">http://www.doh.state.fl.us/disease</a> <a href="http://creativecommons.org/ct/">ctrl/epi/http://creativecommons.org/ct/<a href="http://www.doh.state.fl.us/disease">http://www.doh.state.fl.us/disease</a> <a href="http://creativecommons.org/ct/">ctrl/epi/http://creativecommons.org/ct/<a href="http://www.doh.state.fl.us/disease">http://www.doh.state.fl.us/disease</a> <a href="http://www.doh.state.fl.us/disease</a> <a href="http://wwww.doh.state.fl.us/disease</a> <a href="http://www.doh.state.fl.us/disease<

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

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