

DeKalb County Board of Health Arbovirus Program Update

2017 Season Update

Reporting Activity January through September 1, 2017

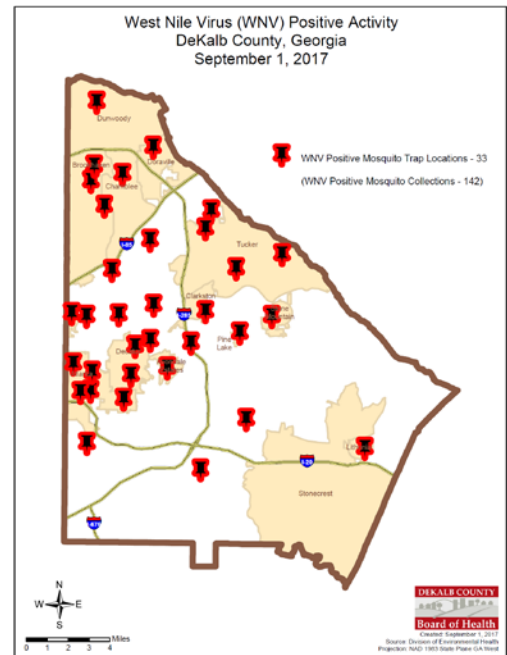
Human Arboviral Disease Surveillance:

◆ West Nile Virus (WNV):

- 4 cases* of WNV in DeKalb County residents
- 1 WNV presumptive viremic blood donor in a DeKalb County resident (blood donation tested positive for WNV but donor did not develop symptoms)
- 21 WNV cases* in Georgia (Ben Hill, Chatham, Cherokee, Cobb, Crisp, DeKalb [4], Dougherty, Floyd, Fulton, Gwinnett, Houston, Mitchell, Muscogee [4] and Whitfield [2] counties)
- 2 WNV presumptive viremic blood donors in Georgia
- 450 WNV cases* in CDC National Report including 59 in California, 48 in Texas and 41 in Mississippi

◆ Zika Virus:

- No cases* of local transmission of Zika virus in DeKalb County
- 167 DeKalb County residents tested for Zika
- No travel-associated Zika infections in DeKalb County residents
- 5 travel-associated cases of Zika in Georgia (Cobb, Fulton [2] and Gwinnett [2] counties)
- 225 cases in US states reported in CDC Report (223 in travelers, and 2 sexually transmitted)



Mosquito Surveillance:

- ◆ 142 WNV positive mosquito collections
- ◆ 33 WNV positive mosquito trap locations
- ◆ No Zika positive mosquito collections
- ◆ 41 mosquito trap locations sampled in DeKalb County
- ◆ 551 collections of mosquitoes submitted for arbovirus testing
- ◆ 176 mosquito trap nights
- ◆ 13,708 mosquitoes counted and identified

Mosquito Control Efforts:

- ◆ 208 calls requesting mosquito control assistance received and visited
- ◆ 8876 homes visited in door-to-door educational efforts
- ◆ Over 7000 storm drains and other mosquito breeding sites larvicided
- ◆ Detailed assessments where surveillance has indicated increased risk for virus activity

Additional Arbovirus Activity in Georgia:

- ◆ 4 cases of internationally-acquired dengue (Baldwin, Clayton, Fayette and Paulding counties)

*Includes confirmed and probable cases

Compiled by the Division of Environmental Health at the DeKalb County Board of Health