

DeKalb County Board of Health Arbovirus Program Update

2017 Season Update

Reporting Activity January through October 1, 2017

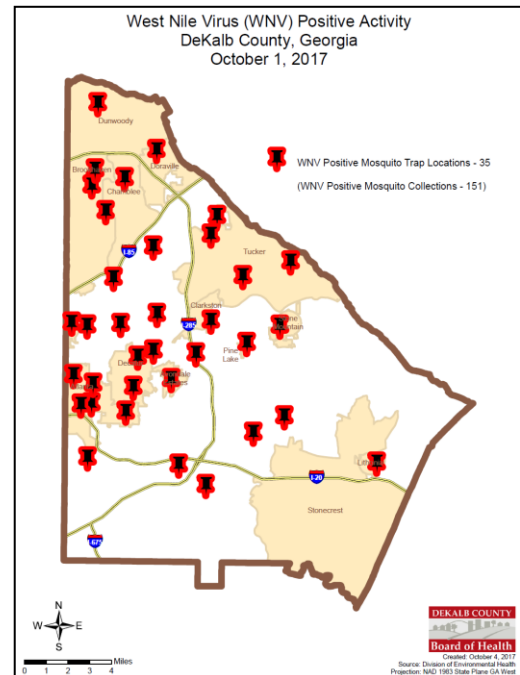
Human Arboviral Disease Surveillance:

◆ West Nile Virus (WNV):

- 5 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)
- 31 WNV cases* in Georgia
- 6 WNV presumptive viremic blood donors in Georgia
- 1047 WNV cases* in CDC National Report including 174 in California, 89 in Texas and 61 in South Dakota

◆ Zika Virus:

- No cases* of local transmission of Zika virus in DeKalb County
- 192 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)
- 278 cases in US states reported in CDC Report (274 in travelers, 3 sexually transmitted and one case acquired through presumed local mosquito-borne transmission)



Mosquito Surveillance:

- ◆ 151 WNV positive mosquito collections
- ◆ 35 WNV positive mosquito trap locations
- ◆ No Zika positive mosquito collections
- ◆ 41 mosquito trap locations sampled in DeKalb County
- ◆ 586 collections of mosquitoes submitted for arbovirus testing
- ◆ 204 mosquito trap nights
- ◆ 14,723 mosquitoes counted and identified

Mosquito Control Efforts:

- ◆ 218 calls requesting mosquito control assistance received and visited
- ◆ 12,396 homes visited in door-to-door educational efforts
- ◆ Over 7700 storm drains and other mosquito breeding sites larvicided
- ◆ Detailed assessments where surveillance has indicated increased risk for virus activity

Additional Arbovirus Activity in Georgia:

- ◆ 1 case of California serogroup virus (Muscoogee County)
- ◆ 4 cases of internationally-acquired dengue (Baldwin, Clayton, Fayette and Paulding counties)
- ◆ 2 cases of internationally-acquired chikungunya (Cobb and Forsyth counties)

*Includes confirmed and probable cases

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