

# DeKalb County Board of Health Arbovirus Program Update

## 2016 Season Update Reporting Activity January through October 1, 2016

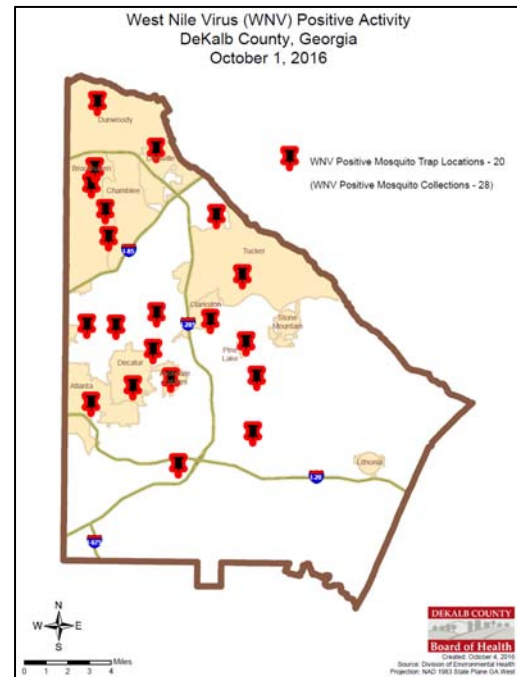
### Human Arboviral Disease Surveillance:

#### ◆ West Nile Virus (WNV):

- No cases\* of WNV in a DeKalb County resident
- 1 WNV case\* in Georgia (Douglas County)
- 2 WNV presumptive viremic blood donors in Georgia (blood donation tested positive for WNV but donor did not develop symptoms)
- 956 WNV cases\* in CDC National Report including 163 in Texas, 155 in California and 130 in South Dakota

#### ◆ Zika Virus:

- No cases\* of local transmission of Zika virus in DeKalb County
- 156 DeKalb County residents tested for Zika and educated on mosquito avoidance
- 15 travel-associated Zika infections in DeKalb County residents
- 84 travel-associated cases of Zika in Georgia
- 1 case of Zika acquired from sexual contact with an internationally acquired case in Georgia



### Mosquito Surveillance:

- ◆ 28 WNV positive mosquito collections
- ◆ 20 WNV positive mosquito trap locations
- ◆ No Zika positive mosquito collections
- ◆ 37 mosquito trap locations sampled in DeKalb County
- ◆ 489 collections of mosquitoes submitted for arbovirus testing
- ◆ 212 mosquito trap nights
- ◆ 10,506 mosquitoes counted and identified

### Mosquito Control Efforts:

- ◆ 362 calls requesting mosquito control assistance received and visited
- ◆ 3031 homes visited in door-to-door educational efforts
- ◆ Over 6800 storm drains and other mosquito breeding sites larvicided
- ◆ Detailed assessments in the environment around positive activity, around travel-associated Zika cases and in areas where surveillance has indicated increased risk for virus activity

### Additional Arbovirus Activity in Georgia:

- ◆ 22 cases of internationally-acquired dengue (Chatham, Clayton, Cobb, Fulton, Gwinnett, Hall, Muscogee and Tift counties)
- ◆ 1 case of internationally-acquired chikungunya (Cobb County)

\*Includes confirmed and probable cases

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