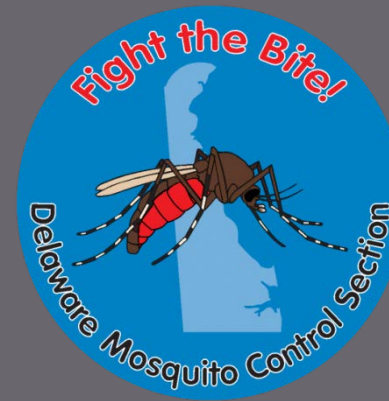


Delaware State Report

James Joachimowski
Delaware Mosquito Control Section

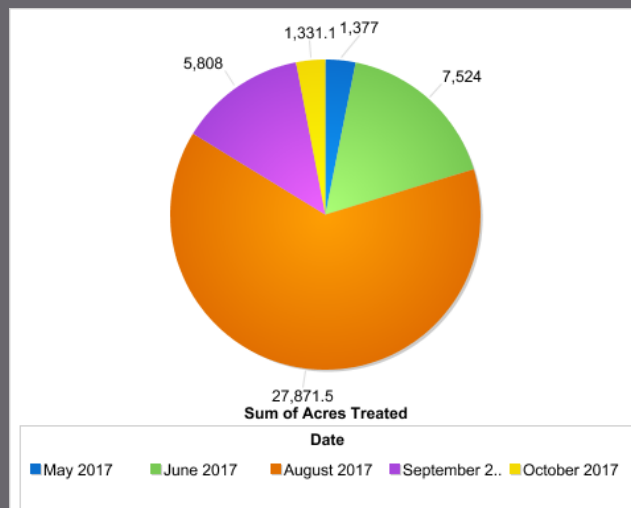
February 14, 2018



We Bring you Delaware's Great Outdoors
through Science and Service

2017 Summary

- ▣ 3023 service requests statewide
- ▣ Ground ULV aduicide acreage = 33,593
- ▣ Aerial larvicide acreage = 25,384
- ▣ Aerial aduicide acreage = 49,912



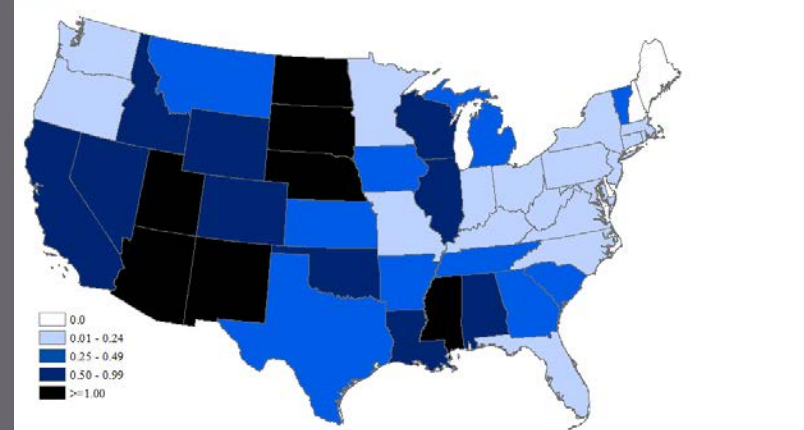
2017 Aerial Aduicide



2017 Virus Activity

- ▣ West Nile Virus
 - 44 sentinel chickens WNV+ (13 different locations)
 - 9 wild bird WNV+
 - 1 horse WNV+
 - 1 human WNV+
- ▣ Eastern Equine Encephalitis
 - 1 sentinel chicken EEE+
- ▣ Zika Virus
 - 3 travel associated cases

West Nile Virus Neuroinvasive Disease Incidence by State - United States, 2017 (as of January 9, 2018)



Source: Centers for Disease Control



Mosquito Activity

- ▣ 25 NJ light traps statewide
 - 115,772 female mosquitos of 23 species
- ▣ *Aegypti* survey and virus positive pool rates of *albopictus* and *triseriatus*
 - No *aegypti* found
 - WNV not present in *albopictus*



2017 Happenings...

- ▣ Fully prepared to run CDC Bottle Bioassays for evaluating insecticide resistance.
- ▣ Continuous oversight of major marsh restoration projects.

