

GEORGIA STATE REPORT
2016

Report from GDPH:

- We had a rather slow season with the exception of ZIKV.
- To help deal with ZIKV surveillance and education (and potentially mosquito control), environmental health hired 4 Vector Surveillance Coordinators and placed them in various locations within the State.
- We also provided training to interested county environmental health specialists.
- They have done an incredible job with public education and mosquito surveillance at travel-related ZIKV sites considering the limited amount of training and rapid turnaround time.

Human Cases - 2016

- WNV
 - 7 cases
 - 6 viral positives
- EEE – 1
- LAC – 0
- Travel-related
 - DEN – 26
 - CHIK – 1
 - ZIKV – 112 (one was actually in 2015)

Birds

- We no longer support testing for dead birds
- Consequently, we have no dead bird positives
- Chatham County sets sentinel chickens for EEE surveillance – there were problems (ask Jeff)

Horse Cases:

- WNV – 0
- EEE - 5

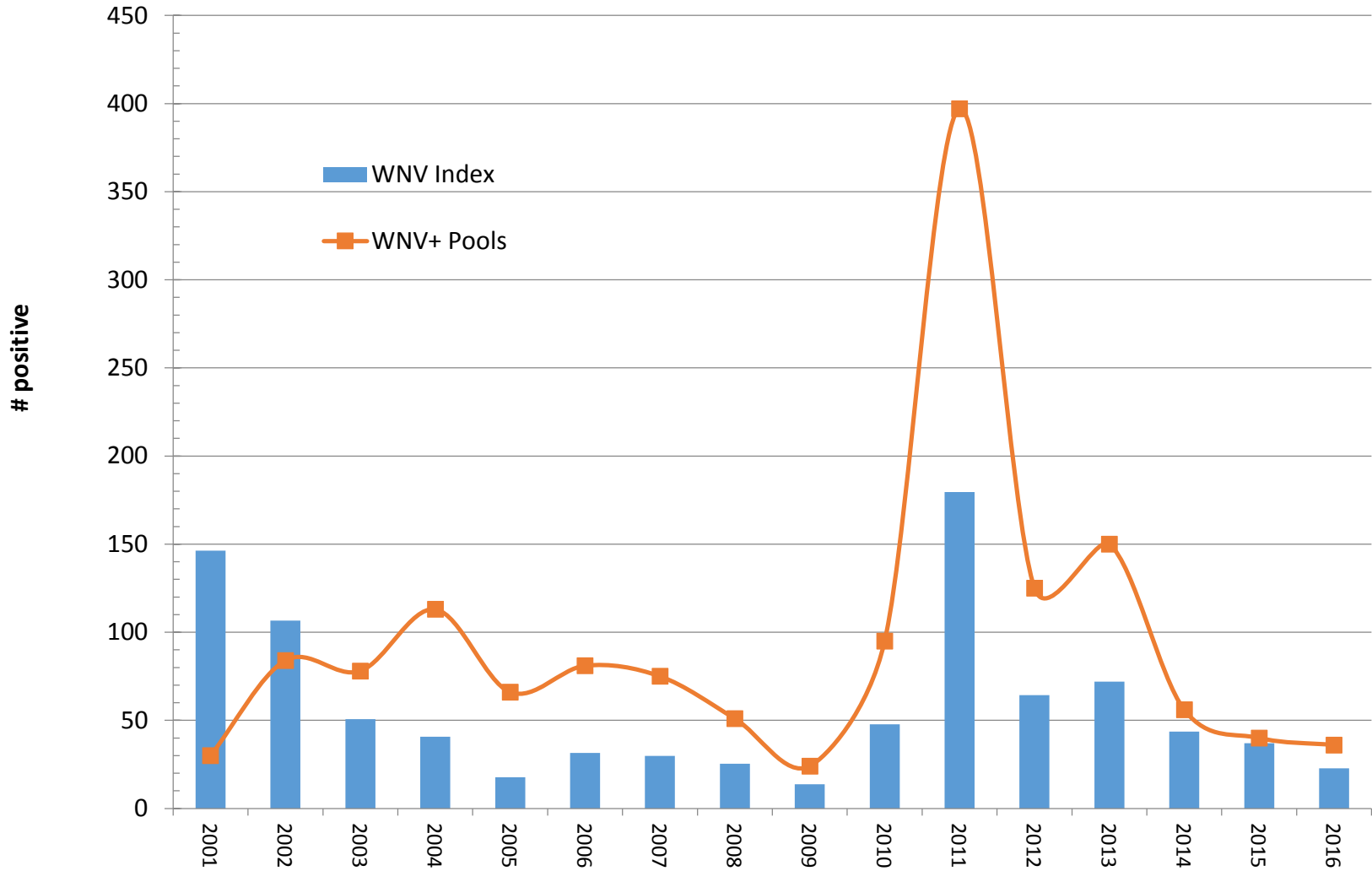
Species	# WNV+ pools	% WNV+
<i>Ae. albopictus</i>	1	2.8%
<i>Cx. quinquefasciatus</i>	35	97.2%
TOTAL	36	

Mosquito pools:

Fulton County – 5 WNV+ pools

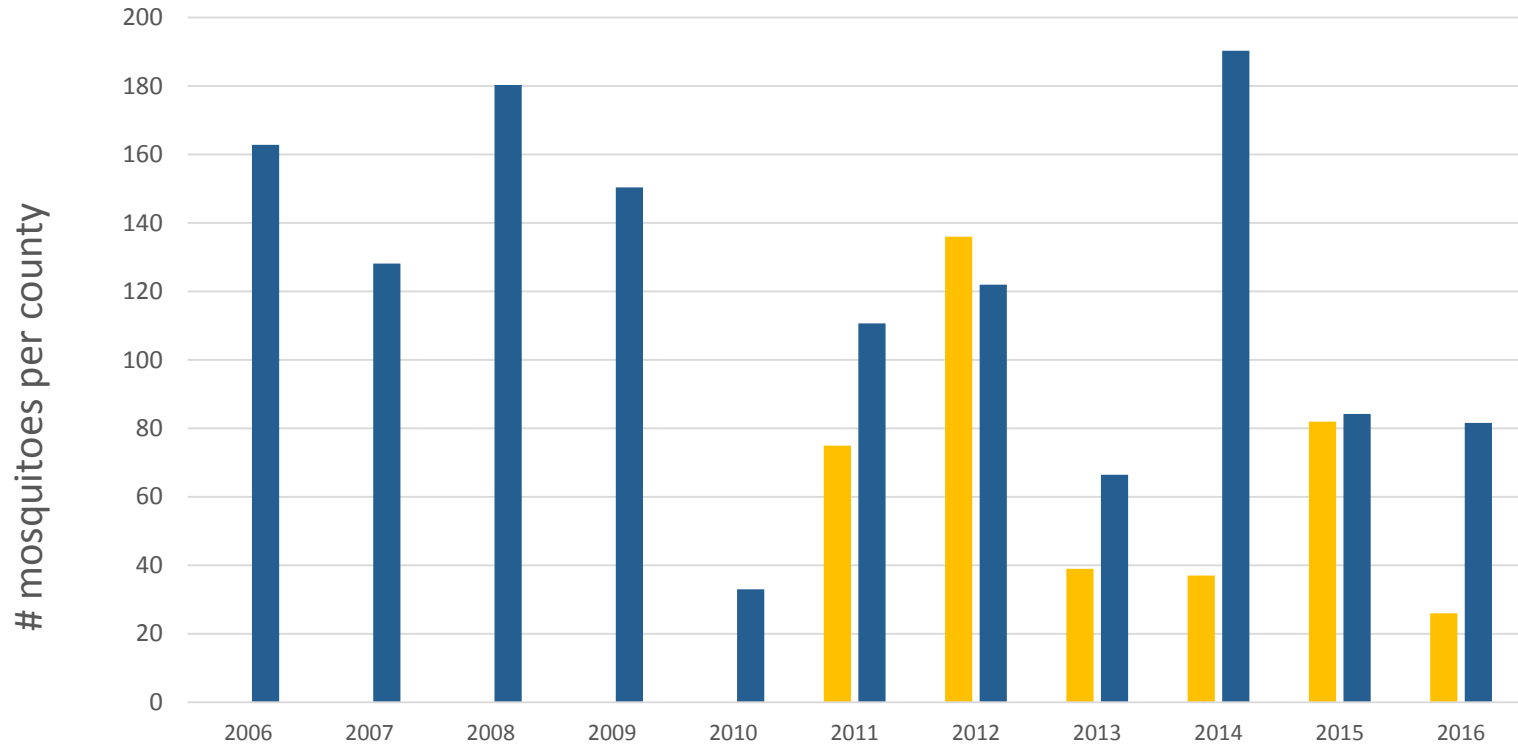
DeKalb County – 31 WNV+ pools

WNV+ Mosquitoes, 2001-2016



year	WNV Index	WNV+ Pools	human cases
2001	146.3	30	6
2002	106.6	84	36
2003	50.7	78	55
2004	40.7	113	22
2005	17.7	66	24
2006	31.5	81	8
2007	29.9	75	55
2008	25.3	51	12
2009	13.7	24	6
2010	47.7	95	13
2011	179.6	397	25
2012	64.3	125	117
2013	72.0	150	20
2014	43.6	56	13
2015	37.00	40	15
2016	22.80	36	13

ZIKV Vectors



■ *Ae aegypti*/county ■ *Ae albopictus*/county

Things of Note

- We have had drought conditions in the Piedmont and Mountain regions of Georgia.
- The Coast and Coastal Plain were about normal for rainfall.
- The hurricane did damage from Brunswick up through Savannah before heading to SC and there are reports of salt marsh mosquito breeding from Savannah.
- We had our GMCA Annual meeting on Oct 12-14. It went well, in spite of the fact that neither our Board president or VP could be there due to hurricane cleanup efforts.

Chatham County Mosquito Control

- 10 to 12 days after Hurricane Matthew there was an outbreak of fresh flood water and salt marsh mosquitoes.
- It took 2-3 weeks to gain control of the situation.

Richmond County Mosquito Control

- We began testing for WNV and fortunately had no positive pools.
- Our complaint totals for the year were 3,389. This is up from 324 5 years ago. This tells me that the public education program is working in conjunction with our complaint service at 311.
- We also started a new division this year working in tandem with the Engineering Department to do MS 4 inspections on all the private detention/retention ponds in the county.
 - As the ponds are inspected and need work to make them compliant we will offer the service of spraying or larviciding before during and after the work is done.
 - This is being financed by the Storm Water Fee being attached to every water bill in the county and based on the amount of impervious material on your property.
- This will be my last report as I have too much to do back in Augusta and I will not be seeking reelection as the State Director.
- Thanks to all for your support. I will continue on with MAMCA as a member and with GMCA also.

