# Arbovirus Surveillance in Georgia 2001-2008

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#### Birds – 2008 (Oct 9)

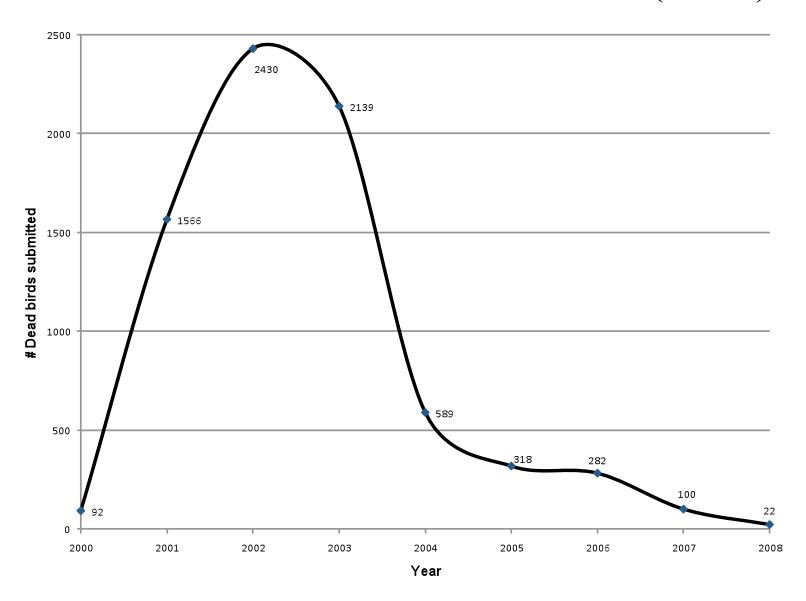
Dead birds submitted - 22

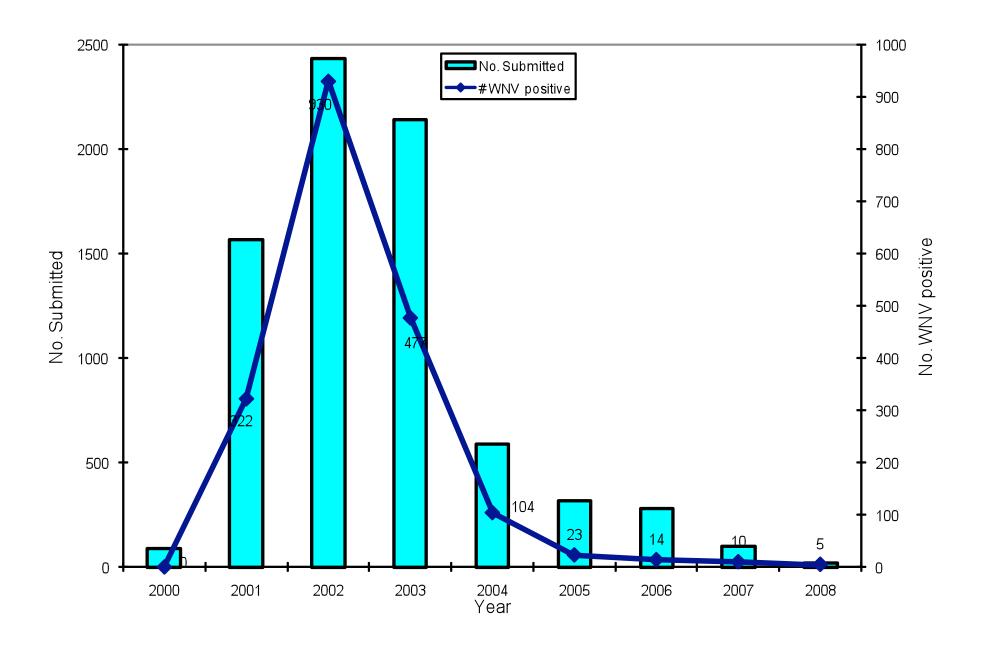
West Nile virus - 5 (DeKalb and Cobb)

American Crow – 3

Blue Jay - 2

## Dead bird submissions: 2000 – 2008 (Oct 9)





### Mosquito Pools – Jan. 1 to Oct. 9, 2008

#### 4,301 Pools submitted

West Nile virus - 41

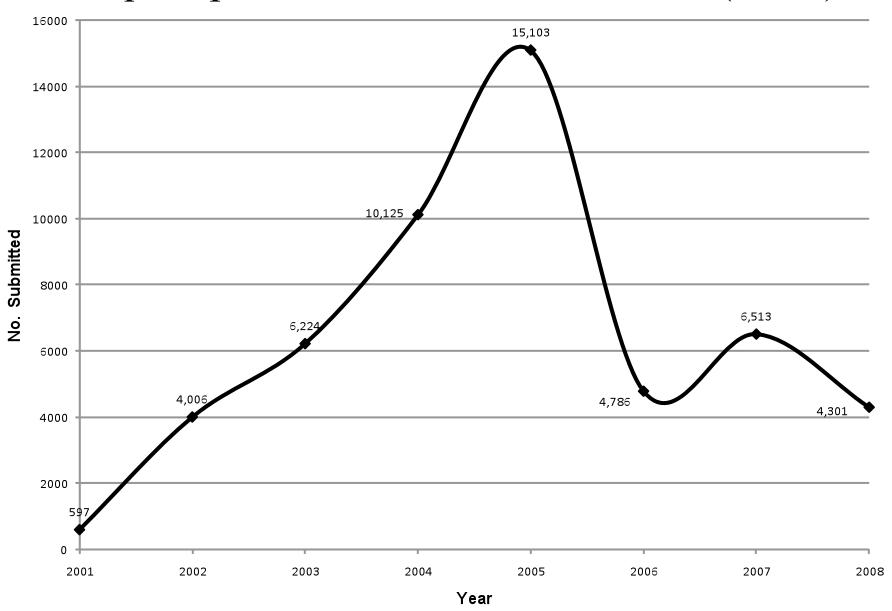
Flanders virus – 77

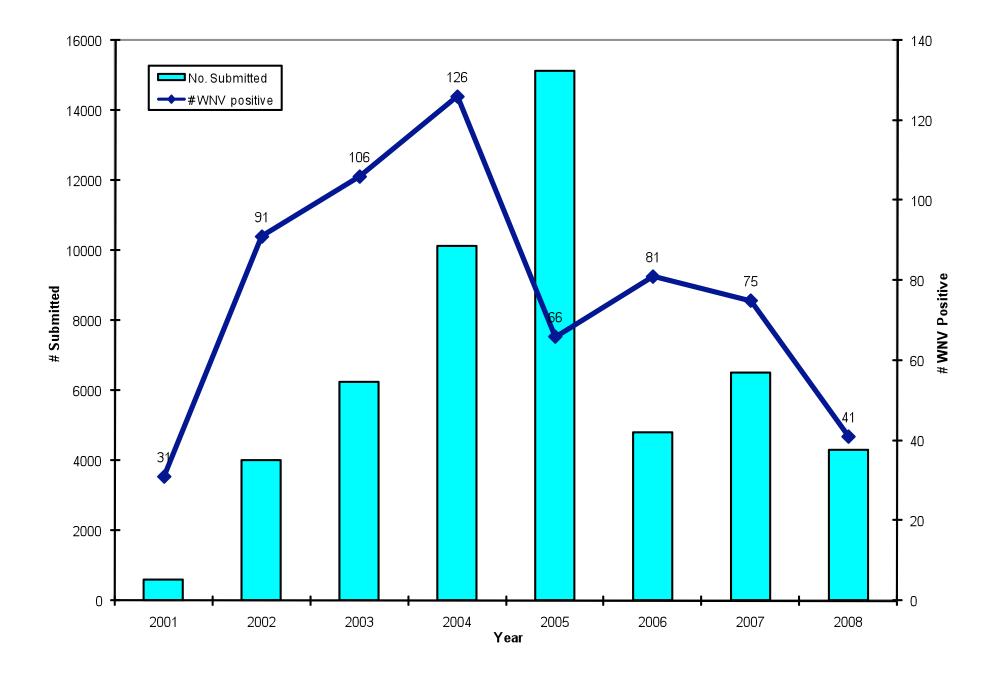
West Nile virus and Flanders virus - 1

Flanders virus variant suspects - 5

EEE virus - 1

#### Mosquito pool submissions: 2001-2008 (Oct 9)





#### Viruses detected – 2000 to 2008

**Dead Birds** 

West Nile virus – 1,885

EEE virus - 24

Flanders virus - 1

HJ virus - 4

ND virus - 3

Uncharacterized Rhabdovirus - 1

Mosquito Pools

West Nile virus - 617

EEE virus – 9

Flanders virus - 404

Keystone virus -2

South River virus - 2

Potosi virus - 2

Cache Valley virus - 6

LaCrosse virus - 1

HJ virus - 6

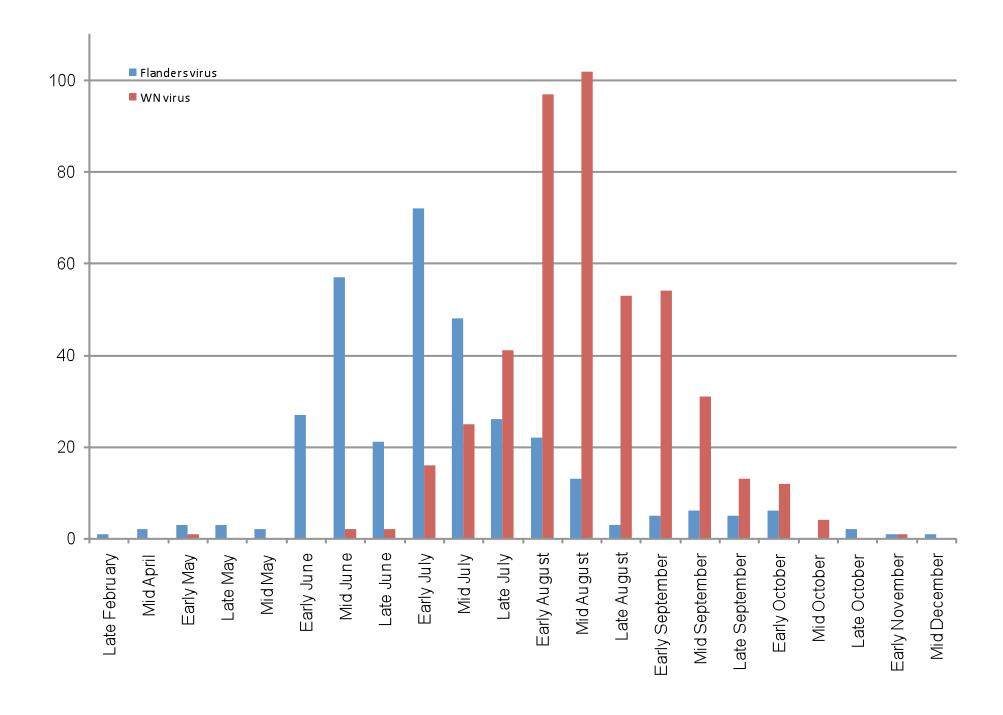
Flanders virus variant - 6

Uncharacterized Reovirus - 1

#### Where do we go from here?

#### **Arbovirus Surveillance**

"the organized monitoring of levels of virus activity, vector populations, infections in vertebrate hosts, human cases, weather, and other factors to detect or predict changes in the transmission dynamics of arboviruses"



#### New Findings

- New to Georgia
  - South River virus (An. punctipennis)
- New to science
  - Uncharacterized Rhabdovirus (American coot)



Uncharacterized Orbivirus (Oc. taeniorhynchus)



Flanders virus variant (various species)