

# 2004 Yearly Statistics

---

## Education

- One cable public access show
- One local news article / report
- No PowerPoint presentations
- 95 Mosquito Control web hits

## Mosquito Control

- 85 permanent sites
- 366 permanent site visits
- 144 service requests investigated

## Surveillance

- 83 bird calls received
- 3 birds sent in for testing

## Positive Cases in Cabarrus County

Disease	Number	Type and Location
<b>WNV (M)</b>	1	American Crow off of South Union Street
	0	Humans
<b>Rocky Mountain Spotted Fever (T)</b>	8	Humans; broad range of ages and geographic distribution; no fatalities
<b>Lyme disease (T)</b>	0	Human; no fatality
<b>Ehrlichiosis (T)</b>	1	Human; no fatality
<b>Rabies (MA)</b>	9	Animal: four raccoons, two skunks, two foxes, and one bat

## Key

- (M) = Mosquito-borne
- (T) = Tick-borne
- (MA) = Mammal transmission

## Positive Cases in North Carolina

Disease	Number	Type and Location
<b>WNV (M)</b>	3	Humans; Mecklenburg, Onslow and Cleveland counties
<b>EEE (M)</b>	TBA	
<b>LAC (M)</b>	14	
<b>STL (M)</b>	0	
<b>Rocky Mountain Spotted Fever (T)</b>	535	
<b>Lyme disease (T)</b>	23	
<b>Ehrlichiosis (T)</b>	47	

<b>Rabies (MA)(humans)</b>	0
<b>Hantavirus (MA)</b>	0
<b>Plague (MA)</b>	0
<b>Tularemia (MA)</b>	0

### **West Nile Virus Synopsis**

Cabarrus County followed the nationwide trend of decrease virus activity. Nationally, cases decreased from 9,862 to 2,432, and the death toll similarly decreasing from 264 to 87 deaths. It was a victory for Public Health Pest Management. As with all viral transmissions, they behave with cyclic activity meaning that there will be downward trends followed by spikes of activity. No one knows the rhythm of the WNV cycle yet, so active surveillance is necessary to stay ahead of the disease.