

2005 Yearly Statistics

Education

- One cable public access show
- One local news article / report
- Three PowerPoint presentations
- 95 Mosquito Control web hits

Mosquito Control

- 82 permanent sites
- 520 permanent site visits
- 184 service requests investigated

Surveillance

- 48 bird calls received
- One bird sent in for testing

Positive Cases in Cabarrus County

Disease	Number	Type and Location
WNV (M)	1	American Crow off of South Union Street
	0	Humans
Rocky Mountain Spotted Fever (T)	5	Humans; broad range of ages and geographic distribution; no fatalities
Lyme disease (T)	0	Human; no fatality
Ehrlichiosis (T)	0	Human; no fatality
Rabies (MA)	2	Animal: one raccoon and one bat

Key

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

Positive Cases in North Carolina

Disease	Number	Type and Location
WNV (M)	2	Humans; Mecklenburg and Pitt Counties
EEE (M)	1	Perquimans County
LAC (M)	23	
STL (M)	0	
Rocky Mountain Spotted Fever (T)	625	
Lyme disease (T)	49	
Ehrlichiosis (T)	37	

Rabies (MA)(humans)	0
Hantavirus (MA)	0
Plague (MA)	0
Tularemia (MA)	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 decreased 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.