



This is the eleventh Summit County WNV surveillance report for 2009. There has not been any recorded human WNV disease in a Summit County resident since 2001.

**2009 –  
Report  
# 11**

## Summit County West Nile Virus Surveillance - 2009

Akron Health Department, Barberton Health District,  
Summit County Health District

The three health departments in Summit County collaborate on West Nile Virus (WNV) Disease surveillance. This report will run through October 2009 (or later if WNV is still a concern). The surveillance will include mosquitoes, horses, and humans. It will include updates not just from Summit County but also from Ohio and the rest of the United States. It will also include web sites to get new or updated information regarding WNV.

### West Nile Virus Tests Ordered in Summit County Hospitals

Week(s)	# of WNV tests ordered this period	# of positive WNV tests this period	Cumulative # of tests ordered this season	Cumulative # of positive tests this season
Beginning 9/20 and ending 10/3	8	0	42	0

The ordered WNV tests will provide information on how often test are being ordered by physicians and the percentage of positive tests to those ordered. Tests numbers will be updated as labs report.

### Reported aseptic meningitis cases, Summit County (confirmed and probable)

Week(s)	Cases reported this period	Cumulative 2009
Ending 10/3	1	35

There tends to be more aseptic meningitis cases in the summer. While most aseptic meningitis cases are due to gastrointestinal or respiratory viruses, similar symptoms may be present with arthropod-borne diseases.

**Ohio:** As of October 5<sup>th</sup>, 2 probable cases (Cuyahoga and Lucas Counties) and 2 suspected cases of WNV have been reported. More information can be found on the Ohio Department of Health's website, <http://www.odh.ohio.gov/odhPrograms/dis/zoonoses/wnv/wnv1.aspx>

**United States:** The Centers for Disease Control and Prevention report that, as of October 6<sup>th</sup>, 45 states have identified birds, animal, and/or mosquitoes positive for WNV. There have been 436 human cases in the US from 33 states. Two hundred thirty-one cases were reported as meningoencephalitis, 191 cases as West Nile Fever and 14 cases were clinically unspecified at the time of reporting. There have been 16 reported deaths. The CDC's website for WNV is <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>

### Bird Surveillance

The Ohio Department of Health is no longer testing dead birds.

### Ohio Mosquito Surveillance

As of October 5<sup>th</sup>, 8,245 mosquito pools (275,345 mosquitoes) have been tested. Eight were positive this reporting period. The following counties contain positive pools: Cuyahoga (3), Franklin (144), Greene (2), Hamilton (19), Lake (1), Licking (58), Lorain (1), Montgomery (1) and Summit (5).

(Cumulative positives: 234)

### Ohio Horse Surveillance

As of October 5<sup>th</sup>, 6 horse samples have been tested and all were negative.