



PERRY COUNTY MOSQUITO-BORNE DISEASE REPORT **2025**



PREPARED BY:

**VECTOR
MANAGEMENT**



Pennsylvania
Department of
Environmental Protection



Our PROGRAM

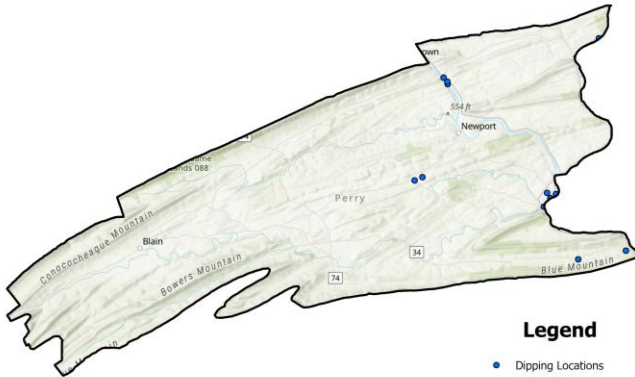


The Pennsylvania Department of Environmental Protection (DEP) collects and controls mosquito populations to reduce illness and promote a nuisance free environment that allows use of public use areas unhindered by these pests. As the 2025 mosquito season ends, the Department of Environmental Protection's Mosquito-borne Disease Control Program would like to share surveillance results, complaint activity, and control efforts from Perry County.

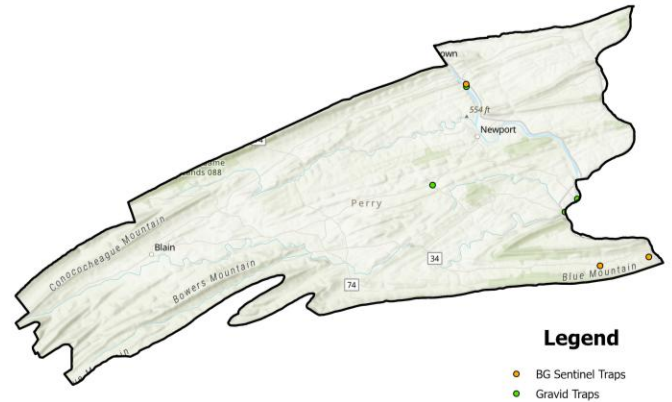
There were two habitat/nuisance mosquito complaints in the county during 2025 both on private property.

More information about the Department's Mosquito-borne Disease Control program and mosquito viruses in Pennsylvania can be found at: www.dep.pa.gov/westnile.

Perry County Larval Surveillance



Perry County Adult Surveillance



The NUMBERS

SURVEILLANCE:

Larval dipping was conducted 27 times from 12 unique sites throughout Perry County.

The field staff collected 13 gravid traps that yielded 14 samples that were tested for West Nile Virus (WNV) and St. Louis Encephalitis (SLE). Gravid traps are set to collect mosquitoes that have already taken a blood meal and are looking to lay eggs. There were 4 BG Sentinel or host-seeking traps that were collected, yielding 2 samples tested for Jamestown Canyon Virus (JCV)/La Crosse Encephalitis. BG Sentinel traps are set to collect mosquitoes that are seeking a blood meal.

The surveillance produced 15 of Pennsylvania's 67 mosquito species, 12 of which have previously tested positive for a mosquito-borne illness in the state of Pennsylvania.

The VIRUS

VIRUS ACTIVITY:

Both West Nile Virus and Jamestown Canyon Virus were detected in Perry County during the 2025 season.

CONTROL:

When possible, habitat elimination is completed before control events. This includes speaking with residents about standing water, dumping buckets out, etc. There were 9 larval and 1 adult mosquito control events. Control was focused in areas displaying the highest risk of virus and the largest populations of people.

Perry County Virus Activity

