



Public Health
Prevent. Promote. Protect.

Ashtabula City Health Department

May 25, 2023

Mosquito Season Is Here “Fight the Bite”

The warmer weather and seasonal rainfall mean pesky mosquitoes are back in full force once again. In Ohio, May through October are the months when mosquitoes are most prominent. Not all mosquitoes are the same. Different mosquitoes spread different diseases and bite at different times of the day. Some mosquito species bite most often at dawn and dusk, including those that can transmit West Nile Virus. West Nile Virus (WNV) is spread by the bite of an infected mosquito. The symptoms include fever, headache, body aches, nausea, vomiting, swollen lymph glands, rash on chest, stomach and back. Severe illness may develop which may require hospitalization. Some mosquito species bite during day light hours, such as those that can spread Chikungunya, Dengue and Zika viruses. So it is important to remember that mosquitoes can live indoors and outdoors and can bite at any time day or night.

The Ashtabula City Health Department urges our residents to “Fight the Bite” and take precautions to lower your risk for bites from mosquitoes this summer season. To avoid mosquito bites and prevent mosquito borne diseases, the Ashtabula City Health Department and Ohio Department of Health suggests:

- **Cover up with clothing**, if you are outdoors be sure to wear long pants, long sleeved shirt, shoes & socks. Light colored clothes are less attractive to mosquitos.
- **Use Environmental Protection Agency (EPA) registered insect repellents**. Always follow the product label instructions. If you use sunscreen, put sunscreen on first and insect repellent second. It is safe for pregnant or nursing women to use EPA approved repellents if applied according to package label instructions.
- **Keep mosquitoes outside**. Keep screens on all windows and repair holes in screens. Keep doors & windows shut and use air conditioning whenever possible.
- **Stop mosquitoes from breeding**. Mosquitoes breed by laying eggs in and near standing water. At least once a week empty, turn over or cover anything that could hold water (i.e., toys, buckets, flowerpots, pools, birdbaths, pet dishes) put away or dispose of items that are outside and not being used because they could hold standing water (i.e., tires).

The Ashtabula City Health Department collects mosquitoes for identification and testing of WNV disease throughout the summer months. In 2022 the city submitted to the Ohio Department of Health Laboratory, 756 mosquitoes, of which 0% were positive for WNV. However, statewide 572,330 mosquitoes were submitted for testing with a WNV positivity rate of 6.7% in Ohio. A total of 7 human WNV cases were identified with 1 death occurring in Ohio. Nationwide, last year resulted in a total of 1035 cases with 79 deaths. Colorado had the most cases per state of 204 and 18 deaths.

The Ashtabula City Health Department has available through an EPA Grant, free residential mosquito larvicide tablets for outdoor use. These can be used around your home for standing water that cannot be removed such as garden ponds, fish ponds, water gardens, rain barrels, fountains and roof gutters. Residents can pick them up at the Ashtabula City Health Department at 4717 Main Avenue, Ashtabula or call 440-992-7123 if you have any questions. For more information on mosquitoes is available at: www.odh.ohio.gov and www.cdc.gov/westnile/.

Vectorborne Surveillance in Ohio January 6, 2023



Mosquito Surveillance

Here is a summary of mosquitoes identified and tested for West Nile virus (WNV) to date. For each jurisdiction, the table reports the total number of mosquitoes identified in traps, the number of resulting pooled samples tested or pending (up to 50 mosquitoes per sample), and those positive for WNV. The table shows only the mosquitoes that have been identified and processed as of noon on 11/07/2022:

2022 Ohio Mosquito Surveillance Summary							
Counties (51 total)	Agencies (64 total)	Mosquitoes Identified	Mosquitoes Tested	Pools Pending	Pools Reported*	WNV+ Pools	% WNV Positive
Allen	City of Delphos	29	18	0	3	0	0.0%
Ashland	Ashland County Health Department	200	55	0	5	0	0.0%
Ashtabula	Ashtabula City Health Department	756	649	0	17	0	0.0%
Athens	Athens City County Health Department	5,330	4,887	0	156	2	1.3%
Carroll	Carroll County General Health District	3,297	2,796	0	96	2	2.1%
Champaign	Champaign Health District	54	16	0	3	0	0.0%
Clark	Clark County Combined Health District	15,310	14,548	0	389	39	10.0%
Clermont	Clermont County Public Health	4,153	3,946	0	133	2	1.5%
Columbiana	Columbiana County Health District	74	56	0	4	1	25.0%
	Salem City Health Department	195	122	0	5	0	0.0%
Coshocton	Coshocton County Health Department	53	19	0	2	0	0.0%
Crawford	Galion City Health Department	1,213	1,055	0	51	2	3.9%
Cuyahoga	Cuyahoga County Board of Health	3,226	3,041	0	101	11	10.9%
Darke	Darke County General Health District	311	30	0	7	0	0.0%
Delaware	Delaware Public Health District	3,459	2,619	0	122	2	1.6%
Fairfield	Fairfield Department of Health	2,113	1,535	0	96	1	1.0%
	Franklin County Public Health	3,192	2,322	0	64	4	6.3%
Franklin	Franklin County Public Health	94,219	72,425	0	1,989	163	8.2%
	Columbus Public Health	125,290	120,347	0	2,810	544	19.4%
	Ohio State University - Meuti Lab	79	79	0	48	2	4.2%
Gallia	Gallia County General Health District	17	3	0	1	0	0.0%
Greene	Greene County Public Health	453	389	0	19	0	0.0%
Hamilton	Hamilton County Public Health	1,238	984	0	43	0	0.0%

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Counties (51 total)	Agencies (64 total)	Mosquitoes Identified	Mosquitoes Tested	Pools Pending	Pools Reported*	WNV+ Pools	% WNV Positive
Hamilton	Cincinnati Health Department	3,531	3,074	0	124	2	1.6%
Hancock	Hancock Public Health	3,846	3,481	0	134	9	6.7%
Henry	Henry County Health Department	833	800	0	28	1	3.6%
Hocking	Hocking County Health Department	351	150	0	14	0	0.0%
Knox	Knox Public Health	1,327	1,109	0	36	1	2.8%
Lake	Lake County General Health District	2,063	1,493	0	96	3	3.1%
Licking	Licking County Health Department	2,089	1,940	0	122	0	0.0%
	Ohio Department of Health	848	120	0	3	0	0.0%
Lorain	Lorain County Public Health	27,577	23,642	0	617	15	2.4%
Lucas	Toledo Area Sanitary District	63,130	24,987	0	1,517	56	3.7%
Mahoning	Mahoning County Public Health	2,731	2,024	0	98	1	1.0%
Medina	Medina County Health Department	3,715	3,204	0	126	0	0.0%
Meigs	Meigs County Health Department	798	498	0	45	1	2.2%
Montgomery	Public Health - Dayton & Montgomery County	351	277	0	27	5	18.5%
Morgan	Morgan County Health Department	240	137	0	7	0	0.0%
Muskingum	Zanesville-Muskingum County Health Department	12	8	0	1	0	0.0%
Ottawa	Ottawa County Health Department	1,538	1,353	0	94	0	0.0%
Pickaway	Pickaway County Public Health	67	35	0	5	0	0.0%
Pike	Pike County General Health District	1,168	975	0	38	0	0.0%
Portage	Portage County Health District	15,732	14,103	0	417	6	1.4%
	Kent City Health Department	29,869	20,528	0	589	5	0.8%
Richland	Richland Public Health	15,891	13,892	0	339	6	1.8%
	Shelby City Health Department	2,315	2,225	0	66	3	4.5%
Ross	Ross County Health District	7,021	6,344	0	210	5	2.4%
Scioto	Scioto County Health Department	9,507	8,784	0	244	3	1.2%
	Portsmouth City Health Department	469	172	0	24	0	0.0%
Shelby	City of Sidney	383	9	0	2	0	0.0%
Stark	Stark County Health Department	6,690	6,234	0	242	2	0.8%
	Canton City Public Health	10,701	9,440	0	317	2	0.6%
	Alliance City Health Department	2,285	1,761	0	52	2	3.8%

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Counties (51 total)	Agencies (64 total)	Mosquitoes Identified	Mosquitoes Tested	Pools Pending	Pools Reported*	WNV+ Pools	% WNV Positive
Summit	Summit County Public Health	32,316	28,669	0	865	10	1.2%
	Barberton Norton Mosquito Abatement District	24,393	18,251	0	643	9	1.4%
Trumbull	Trumbull County Combined Health District	157	99	0	9	0	0.0%
Tuscarawas	Tuscarawas County Health Department	4,107	3,915	0	103	3	2.9%
	New Philadelphia City Health Department	301	200	0	14	0	0.0%
Union	Union County Health Department	10,811	10,222	0	287	15	5.2%
Vinton	Vinton County Health Department	3,003	2,767	0	107	2	1.9%
Warren	Warren County Health District	1,602	1,496	0	61	1	1.6%
Wayne	College of Wooster	193	54	0	6	0	0.0%
Wood	Bowling Green State University	12,692	1,851	0	119	1	0.8%
	Village of Pemberville	888	859	0	30	2	6.7%
Wyandot	Wyandot County Public Health	528	463	0	25	0	0.0%
Totals:		572,330	453,586	0	14,067*	946	6.7%

