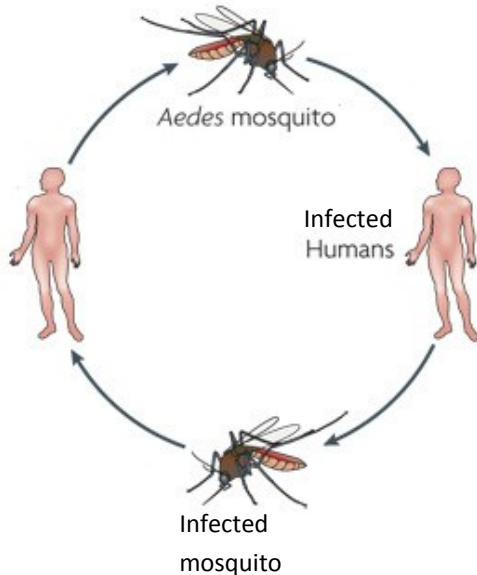


DISEASE PROFILES

- Zika is a virus that infects humans through the bite from an *Aedes* mosquito. While the mosquito that typically carries Zika is not found in Ohio, there are other *Aedes* mosquitoes (the Asian Tiger Mosquito) that live here. Health officials are worried that they could transmit Zika. *Aedes* mosquitoes generally live in close proximity to humans and bite during the daytime.
- Humans are the host for this virus. A mosquito will get the virus from biting an infected human.



COUNTY HEALTH DEPARTMENT

ZIKA HEALTH CONCERNS

1– Zika is a fairly mild disease for adults. Only one in five people end up with symptoms. You may never know if you contract Zika.

2– Zika has been linked to birth defects, especially microcephaly, which makes the brains and heads of a fetus smaller. This can lead to intellectual disability and even death.

3– A fetus may contract the disease from the mother who gets infected by a mosquito bite, but Zika has also been shown to be sexually transmitted. Men retain the virus in their sperm for an unknown length of time and can pass the disease through sex.

RECOMMENDATION:

If Zika is found in our neighborhood, we strongly recommend that men use condoms and that pregnant women take every precaution against mosquito bites.

Mosquito Control for Zika virus



Public Health
Prevent. Promote. Protect.
Zanesville-Muskingum County

ZANESVILLE-
MUSKINGUM COUNTY
HEALTH DEPARTMENT

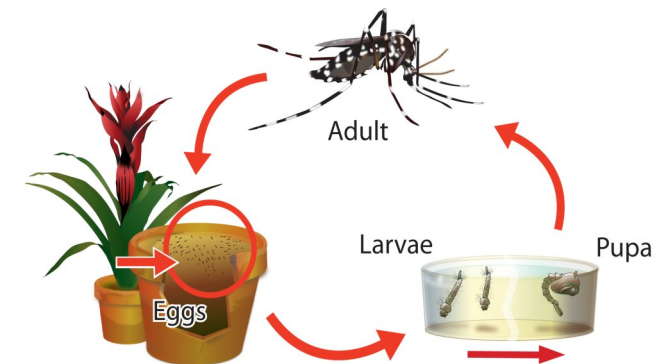
Mosquitoes can cause Dengue Fever, Zika, And Chikungunya, all serious diseases



Aedes aegypti

Aedes albopictus

Break the life cycle in your yard!!



Adult mosquitoes sole function is reproduction. The larval mosquito is the active aquatic life stage that feeds on organic materials in its water environment. The pupal mosquito is the resting or transition aquatic life stage.

Any container that holds water for 5-7 days can breed Mosquitoes

Artificial Containers



A forgotten Bird Bath is a perfect breeding environment

Bird baths should be drained and re-filled at least weekly.

Pet food/water bowls should be emptied and re-filled daily.

Flower pots with bases that hold water should have the excess water drained if the pot is left outdoors.



Yard equipment such as wheel barrows, buckets, and children's toys that are left unattended can collect water during rains. Yard equipment should be stored so as not to collect water.



Any container that holds water for 5-7 days can breed Mosquitoes

Breeding Areas

Rain barrels or other storm water collection containers, should be treated with mosquito larvicides or mosquito fish to prevent mosquito development.



Old Tires hold rainwater and have been implicated as a primary cause of spreading the Asian Tiger Mosquito (*Aedes Albopictus*), which is the mosquito that lives in Ohio.



Other Breeding sites and items to look for:

- Discarded cans and plastic containers
- Glass bottles and broken bottles
- Tires, tarps, and plastic sheets
- Outside Equipment, condensation lines
- Barrels, water storage tanks, and livestock troughs
- Obstructed roof gutters, and the upper edge of block walls
- Plant pot saucers
- Holes in unused construction blocks or bricks
- Blocked culverts, downspouts, pipes, and french drains
- Septic system openings

Any container that holds water for 5-7 days can breed Mosquitoes

Behavior- Day-time Biter

- Lives outside, but comes indoors
- May lay eggs indoors
- Lays eggs in artificial containers, anything that can hold water
- Rests in low, shaded areas; under tables, chairs
- Rests inside damp machinery
- Bites low, ankle biters, legs, feet
- Day-time biter – also in lighted rooms at night
- Silent flier – no buzz in your ear
- Very gentle landing on skin and biting not easily felt
- Adults not active under 60°F
- Adults go inactive, not killed by cold
- Eggs laid in containers of water
- Egg to Larva to Adult in one week or less

How to Protect Yourself

Stay inside air-conditioned or screened buildings
Wear long-sleeved shirt and long pants
Treat clothing with permethrin insecticide
Use EPA-registered insect repellent according to product label
Empty containers of water weekly
Bed netting (treated)