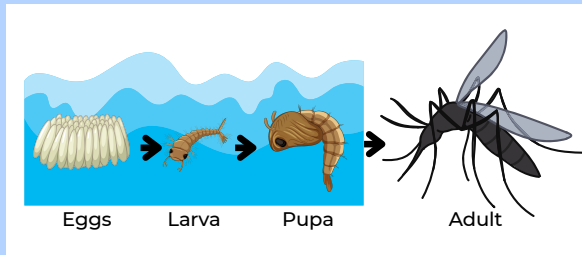


DON'T BE A GOOD HOST

Mosquitoes spend most of their life cycle in water.



You can protect yourself by removing water sources and by killing them before they become adults!

DUMP IT

Dump any containers of still water in your yard. Look for water in places like:

- Tires
- Garbage cans
- Tarps
- Buckets
- Pool covers
- House gutters
- Flower pots
- Coolers

DRAIN IT

Drain pools of sitting water.

TREAT IT

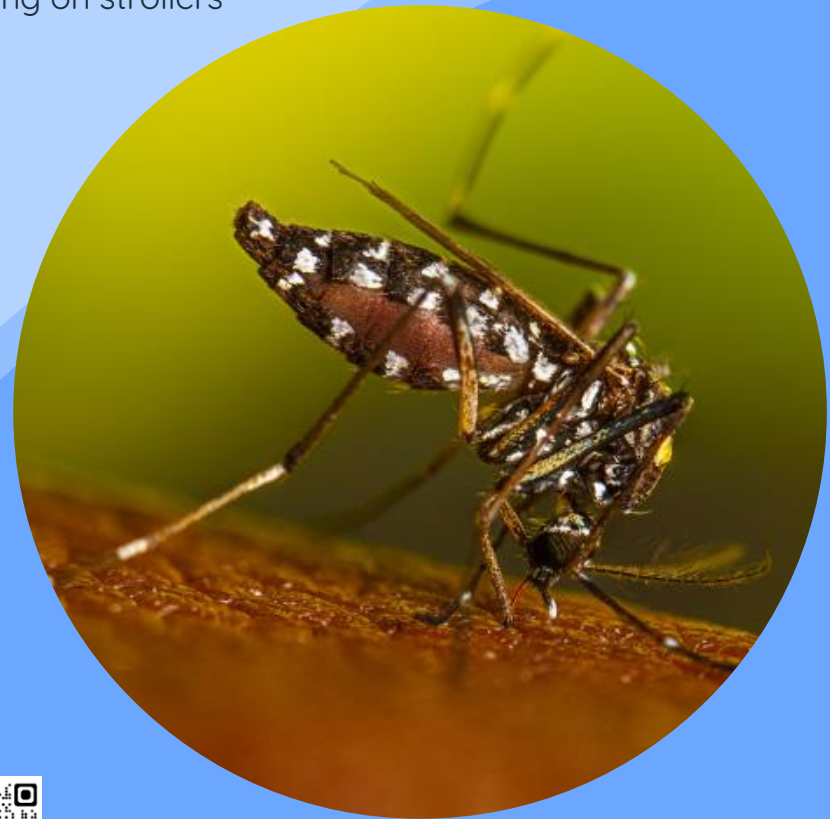
Use Bti mosquito dunks to kill larva in larger areas of standing water.

FIGHT THE BITE

- Use EPA approved insect repellent
- Wear long sleeved shirts and long pants
- Use permethrin on shoes, clothing and gear
- Place screens in open windows, make sure screens do not have holes
- Use mosquito netting on strollers

MOSQUITO-BORNE VIRUSES

What Pennsylvanians Need to Know



pennsylvania
DEPARTMENT OF HEALTH



COMMON MOSQUITO-BORNE VIRUS DISEASES

West Nile virus (WNV)

Spread from bite of infected *Culex* mosquito. On average, there are 32 cases of WNV each year in Pa.

Eastern Equine Encephalitis (EEE)

Spread from bite of infected *Culex*, *Aedes*, *Culiseta melanura*, or *Coquilletidia perturbans* mosquito. The last human case in Pa. was in 2018, but there have been cases in horses & pheasants in 2018 & 2019. Cases in humans are rare but still possible and can be severe.

Zika virus

Spread from bite of infected *Aedes aegypti* or *Aedes albopictus* mosquito. It can also be spread from person to person through sex with an infected partner, or to an unborn child during pregnancy or childbirth. Most people who get sick are bitten while traveling outside of Pa.

Zika virus infection during pregnancy can cause a birth defect called microcephaly as well as other severe brain defects. Babies born with microcephaly often have smaller brains that might not have developed properly.

Dengue virus

Spread from bite of infected *Aedes aegypti* or *Aedes albopictus* mosquito. Most people who get sick are bitten while traveling outside of Pa.

MOSQUITOES THAT CARRY HARMFUL DISEASES



Aedes aegypti



Lives in tropical locations. Rarely found in Pa.



Aedes albopictus



Found in Pa.



Coquilletidia perturbans



Found in Pa.



Culiseta melanura



Found in Pa.



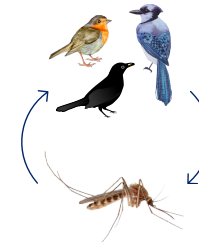
Culex pipiens



Found in Pa.

HOW ARE THEY SPREAD?

WNV/EEE



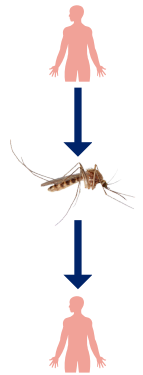
Step 1

Mosquito gets infected with virus from infected bird.

Step 2

Infected mosquito bites human, horse, or other mammal and infects them.

Zika/Dengue



Step 1

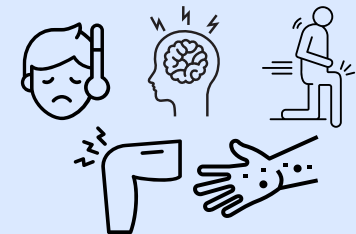
Mosquito gets infected with virus from infected human.

Step 2

Infected mosquito bites uninfected human and infects them.

MOST COMMON SYMPTOMS

- Fever
- Headache
- Body aches
- Joint pain
- Rash



Talk to your healthcare provider if you have a fever or symptoms. Tell them where and when you traveled.