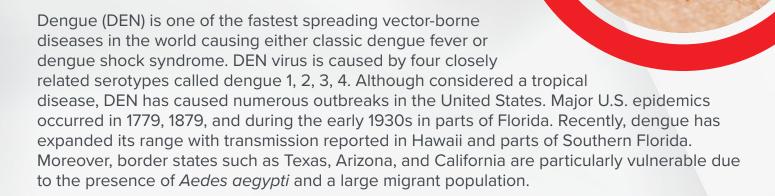


DENGUE

Mosquito-borne disease information sheet



DISEASE TRANSMISSION

- Dengue is primarily transmitted by *Aedes aegypti*, although a number of *Aedes* species in the subgenus *Stegomyia* have shown to transmit the virus, this includes the common invasive Asian Tiger mosquito, *Aedes albopictus*.
- Dengue cases typically peak in the summer months.
- There are 4 known dengue serotypes. Humans build immunity to each serotype once infected, but subsequent infections by another serotype can cause serious medical issues including dengue shock syndrome.
- Dengue can be transmitted to marsupials, dogs, horses, birds, and other animals.



FOR THE MOST UP-TO-DATE DENGUE DATA SCAN HERE



SIGNS AND SYMPTOMS IN HUMANS

- Symptoms occur 3-7 days following exposure, and are characterized by a very high fever (104°F), rash, severe headache, and excruciating pain in the muscles and joints commonly known as "break-bone fever."
- 1 in 20 infected people will develop severe dengue hemorrhagic fever, which can result in internal bleeding, continued vomiting, and in rare cases (>1%), death.
- Travelers to known endemic areas should consult with their physician immediately if they exhibit any of these symptoms.
- There is no cure for dengue fever, but vaccines are currently in development.



TIPS TO REDUCE YOUR RISK OF INFECTION

- Use insect repellent.
- Be aware of peak mosquito biting and feeding hours.
 Unlike many other mosquito species, Aedes aegypti and Aedes albopictus are day-time feeders.
- Wear clothing to protect yourself.
- Empty standing water from outside containers, especially those containing organic matter.
- Install and repair window screens.





HOW VDCI CAN HELP

VDCI offers comprehensive services that support government entities and businesses with education and reducing the risk of mosquitoborne disease. Visit vdci.net for more details on Integrated Mosquito Management (IMM) programs.



Surveillance & Disease Testing



Data Collection & Reporting



GIS Mapping & Aerial Applications



Government Coordination & Public Education



Emergency Response & Freshwater Management



Regulatory Compliance



Contact our experts at admin@vdci.net or call 866.403.4111 so that they can help you develop a custom IMM program to meet your workplace's needs.