

Vector Potential of Vermont Mosquitoes

Vector potential means that the mosquito is capable of carrying the disease if the disease is present in the host. Note that most of these diseases are not present in Vermont.

Genus	Species	WNV	EEE	JC	SLE	LAC	MAL	DHW
Aedes	cinereus	Yes	Yes	Yes		Yes		Yes
Aedes	vexans	Yes	Yes					Yes
Anopheles	barberi	Yes						
Anopheles	earlei							
Anopheles	punctipennis	Yes		Yes			Yes	Yes
Anopheles	quadrimaculatus	Yes		Yes				Yes
Anopheles	walkeri						Yes	Yes
Coquillettidia	perturbans	Yes	Yes					
Culiseta	impatiens							
Culiseta	melanura	Yes	Yes					
Culiseta	minnesotae		Yes					
Culiseta	morsitans		Yes					
Culex	pipiens	Yes	Yes		Yes			Yes
Culex	restuans	Yes	Yes		Yes			Yes
Culex	salinarius	Yes	Yes		Yes			
Culex	territans		Yes					
Ochlerotatus	abserratus							
Ochlerotatus	atropalpus	Yes						
Ochlerotatus	aurifer							
Ochlerotatus	canadensis	Yes	Yes	Yes				Yes
Ochlerotatus	communis							
Ochlerotatus	decticus							
Ochlerotatus	diantaeus							
Ochlerotatus	dorsalis	Yes		Yes	Yes			Yes
Ochlerotatus	euedes							
Ochlerotatus	excrucians			Yes				Yes
Ochlerotatus	fitchii			Yes				Yes
Ochlerotatus	flavescens							
Ochlerotatus	grossbecki							
Ochlerotatus	hendersoni							
Ochlerotatus	intrudens							
Ochlerotatus	japonicus	Yes						
Ochlerotatus	provocans							
Ochlerotatus	punctor			Yes				
Ochlerotatus	riparius							
Ochlerotatus	sticticus			Yes				Yes
Ochlerotatus	stimulans			Yes				Yes
Ochlerotatus	triseriatus	Yes				Yes		Yes
Ochlerotatus	trivittatus	Yes	Yes	Yes				Yes
Psorophora	ciliata	Yes			Yes			
Psorophora	ferox	Yes						
Uranotaenia	sapphirina	Yes						
Wyeomyia	smithii							

Mosquito Borne Diseases in Vermont

Initials	Vector Disease	Status in Vermont
WNV	West Nile Virus	Reported in humans, horses, birds and mosquitoes
EEE	Eastern Equine Encephalitis	Not reported in Vermont
JC	Jamestown Canyon Encephalitis	Not reported in Vermont
SLE	St. Louis Encephalitis	Not reported in Vermont
LAC	Lacrosse Encephalitis Virus	Not reported in Vermont
MAL	Malaria	Reported in travelers outside state
DHW	Dog Heart Worm	Present, affects dogs