

Distribution of Mosquitoes in Washington State Western Washington Mosquito Species by County

County	<i>Aedes aboriginis</i>	<i>Aedes aloponotum</i>	<i>Aedes campestris</i>	<i>Aedes c. canadensis*</i>	<i>Aedes cataphylla</i>	<i>Aedes cinereus*</i>	<i>Aedes communis</i>	<i>Aedes dorsalis*</i>	<i>Aedes excrucians</i>	<i>Aedes fitchii*</i>	<i>Aedes flavescens</i>	<i>Aedes hexodontus</i>	<i>Aedes impiger</i>	<i>Aedes implicatus</i>	<i>Aedes increpitus</i>	<i>Aedes intrudens</i>	<i>Aedes j. japonicus*</i>	<i>Aedes melanimon*</i>	<i>Aedes nevadensis</i>	<i>Aedes nigromaculis*</i>	<i>Aedes pionips †</i>	<i>Aedes provocans* †</i>	<i>Aedes pulliatus</i>	<i>Aedes punctor †</i>	<i>Aedes sierrensis</i>	<i>Aedes s. idahoensis</i>	<i>Aedes sticticus*</i>	<i>Aedes togol</i>	<i>Aedes trivittatus* †</i>	<i>Aedes ventrovittis</i>	<i>Aedes vexans*</i>	<i>Anopheles earlei</i>	<i>Anopheles freeborni*</i>	<i>Anopheles occidentalis</i>	<i>Anopheles punctipennis*</i>	<i>Coquillettidia perturbans*</i>	<i>Culex apicalis*</i>	<i>Culex baharti</i>	<i>Culex erythrothorax* †</i>	<i>Culex pipiens*</i>	<i>Culex salinarius* †</i>	<i>Culex stigmatosoma*</i>	<i>Culex tarsalis*</i>	<i>Culex territans*</i>	<i>Culiseta impatiens*</i>	<i>Culiseta incidens*</i>	<i>Culiseta inornata*</i>	<i>Culiseta minnesotae</i>	<i>Culiseta moritans*</i>	<i>Culiseta porticeps*</i>	<i>Orthopodomyia signifera* †</i>				
Western Washington																																																							
Clallam	X					X	X	X								3		X				X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14							
Clark	14			X		X	X	13							X								X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13	12	X					
Cowlitz	X	X	X	X	X	X	X	X							X	X	1							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Grays Harbor	X			5	X	X	X	X							X									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Island	X	X		X	X	X	X	X							X		X			5				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Jefferson	X			X	X	X	X	X	X						X								X	X	X	X	9		X		12	X	X	X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	X	X	14	6	X	X
King	X	X		X	X	X	X	X	X						X		X						X	X	X	X	X							X	X	X	X	9	X	X	X	X	X	X	X	X	X	X	X	X	X				
Kitsap	X	X				X	X	X	X						X									X	X	X				10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Lewis	X			X	X	X	X	X	X															X																															
Mason	X	X		X	X	X	X	X							X									X																															
Pacific	X			X	X	X	X	X							X									X																															
Pierce	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
San Juan	X					X	X	X							X									X				X																											
Skagit	X	X				X	X	X	X						X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Skamania	X			X	X	X	X	X	X						X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Snohomish	X	6		X	1	X	X	X							X	6	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Thurston	X	X		X	X	X	X	X							X									X	X	X																													
Wahkiakum	X					X									2									X																															
Whatcom	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Updated *Ochlerotatus* to a subgenus within *Aedes* in accordance with studies published by Reinert, Hardbach, and Kitching (2009).

Last Revised 10/31/2022

* CDC list of mosquito species in which West Nile virus has been detected, United States, 1999-2017

† Thirteen mosquito species reported for Washington are based upon one or two county records and in some cases one or few specimens.

These species are *Aedes excrucians*, *Aedes intrudens*, *Aedes implicatus*, *Aedes pionips*, *Aedes provocans*, *Aedes punctor*, *Aedes togol*, *Aedes trivittatus*, *Aedes ventrovittis*, *Anopheles occidentalis*, *Culex erythrothorax*, *Culex salinarius*, and *Orthopodomyia signifera*.

New Findings for:

1-2006 2-2007 3-2008 4-2009 5-2010 6-2011 7-2012 8-2013 9-2014 10-2015 11-2016 12-2017 13-2018 14-2019 15-2020



The matrix shows the known distribution of mosquito species by county for western Washington through 2015. Previous findings are based upon mosquito surveillance conducted by Washington State Department of Health in the 1960s and 1970s. In addition, previous findings were updated to reflect historical findings as presented in the revised *Distribution of Mosquitoes in Washington State*, William J. Sames et al. *Journal of the American Mosquito Control Association*, 23(4):442-448, 2007. New findings following the initiation of West Nile virus surveillance in 2001 are presented by surveillance year 2001 through 2015 based upon the earliest collection information for the species.

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County	<i>Aedes aboriginis</i>	<i>Aedes alopanotum</i>	<i>Aedes campestris</i>	<i>Aedes canadensis*</i>	<i>Aedes cataphylla</i>	<i>Aedes cinereus*</i>	<i>Aedes communis</i>	<i>Aedes dorsalis*</i>	<i>Aedes excrucians</i>	<i>Aedes fitchii*</i>	<i>Aedes flavescens</i>	<i>Aedes hexodontus</i>	<i>Aedes impiger</i>	<i>Aedes implicatus</i>	<i>Aedes increpitus</i>	<i>Aedes intrudens</i>	<i>Aedes j. japonicus*</i>	<i>Aedes melanimon*</i>	<i>Aedes nevadensis</i>	<i>Aedes nigromaculis*</i>	<i>Aedes pionipis †</i>	<i>Aedes provocans* †</i>	<i>Aedes pullatus</i>	<i>Aedes punctor †</i>	<i>Aedes sierrensis</i>	<i>Aedes s. idahoensis</i>	<i>Aedes sticticus*</i>	<i>Aedes tagoi</i>	<i>Aedes trivittatus* †</i>	<i>Aedes ventrovittis</i>	<i>Aedes vexans*</i>	<i>Anopheles earlei</i>	<i>Anopheles freeborni*</i>	<i>Anopheles occidentalis</i>	<i>Anopheles punctipennis*</i>	<i>Copulectidia perturbans*</i>	<i>Culex apicalis*</i>	<i>Culex baharti</i>	<i>Culex erythrothorax* †</i>	<i>Culex pipiens*</i>	<i>Culex salinarius* †</i>	<i>Culex stigmatosoma*</i>	<i>Culex tarsalis*</i>	<i>Culex territans*</i>	<i>Culiseta impatiens*</i>	<i>Culiseta incidens*</i>	<i>Culiseta inornata*</i>	<i>Culiseta minnesotae</i>	<i>Culiseta morsitans*</i>	<i>Culiseta particeps*</i>	<i>Orthopodomyia signifera* †</i>
Eastern Washington																																																			
Adams							X										X	X									X	X		X									X												
Asotin																			X	X																															
Benton			X	X		X	X	X	X							X		X	X							X		X			X	X	X	X	X	X														5	
Chelan	X	2			X	X	X	X	X	X	X	X	X	X	X				2	X				X	X	X	X	X		X	X																				
Columbia														X																			X	X	X	X															
Douglas							X				2								X																																
Ferry	X		X	X	X	X				X		X	X	X	X	X					X						X					X		X		X															
Franklin			X	1														X	X								X							X	10	X	X	X	X												
Garfield																																																			
Grant	12	X	X	X	X	X	X	X	X	X	X		X	X			X	X							X	X			X	X	X	X	X		X	X	X	X													
Kittitas	X			X	X	X	X	X	X	X		X					7	5	X							4	X	X	8	X	X		X	X	X	X	X													4	
Klickitat	X																																																		
Lincoln																																																			
Okanogan			X	X	X	X	X	X	X	X	X	X	X	X	X			X																	X	X	X	X	X	X											
Pend Oreille	4		X	X	X	X		X	X	X	X	X	X	X	X																																				
Spokane	X	X	1	X		X	X	X	X	X																																									
Stevens	5		7	X	X	X	X	X	X	X	7							8	X	X	6												X	7	5			X	X	X	5	5									
Walla Walla	X		3			X	X																																												
Whitman	X		X																																																
Yakima	X	X	1		X	X	X	X	X	X	X	X	X	X	X			X	X	X	X							X	X	X	X	X	6	X	6	X	X	X													

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Last Revised 10/31/2022

* CDC list of mosquito species in which West Nile virus has been detected, United States, 1999-2017

† Eight mosquito species reported for Washington are based upon one or two county records and in some cases one or few specimens.

‡ These species are *Culex erythrothorax*, *Culex restuans*, *Culex salinarius*, *Aedes pionipis*, *Aedes provocans*, *Aedes punctor*, *Aedes trivittatus*, and *Orthopodomyia signifera*.

New Findings for:

1-2006	2-2007	3-2008	4-2009	5-2010	6-2011	7-2012	8-2013	9-2014	10-2015	11-2016	12-2017	13-2018	14-2019	15-2020
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