Distribution of Mosquitoes in Washington State

Western Washington Mosquito Species by County

County	***Aedes cinereus****	***Aedes vexans****	*Anopheles earlei*	***Anopheles freeborni****	*Anopheles occidentalis*	***Anopheles punctipennis****	***Coquillettidia perturbans****	***Culex apicalis****	*Culex boharti*	***Culex erythrothorax**** †	***Culex pipiens****	***Culex salinarius**** †	***Culex stigmatasoma****	***Culex tarsalis****	***Culex territans****	***Culiseta impatiens****	***Culiseta incidens****	***Culiseta inornata****	*Culiseta minnesotae*	***Culiseta morsitans****	***Culiseta particeps****	*Ochlerotatus aboriginis*	*Ochlerotatus aloponotum*	*Ochlerotatus campestris*	***Ochlerotatus canadensis****	*Ochlerotatus cataphylla*	*Ochlerotatus communis*	***Ochlerotatus dorsalis****	*Ochlerotatus excrucians*	***Ochlerotatus fitchi****	*Ochlerotatus flavescens*	*Ochlerotatus hexodontus*	*Ochlerotatus impiger*	*Ochlerotatus implicatus*	*Ochlerotatus increpitus*	*Ochlerotatus intrudens*	***Ochlerotatus j. japonicus****	***Ochlerotatus melanimon****	*Ochlerotatus nevadensis*	***Ochlerotatus nigromaculis****	*Ochlerotatus pionips* †	***Ochlerotatus provocans**** †	*Ochlerotatus pullatus*	*Ochlerotatus punctor* †	*Ochlerotatus sierrensis*	*Ochlerotatus spencerii idahoensis*	***Ochlerotatus sticticus****	*Ochlerotatus togoi*	***Ochlerotatus trivittatus**** †	*Ochlerotatus ventrovittis*	***Orthopodomyia signifera**** †
Western Washington																																																			
Clallam		X		X		X	2				X			X	X	X	X	X					X					X	X	X					8			2					X				2				
Clark	X	X		X		X	X				X			X	X	2	X	X			2								2						2									X	X	X				
Cowlitz	X	X		X		X	X	2	2		X		X	X	X	X	X	X	4		2	4	4	X			4	X		5					X	X	6							2	X	X				
Grays Harbor		X				X	3	X			X			X	X	4	X	8	5	3	3	X						X		3					3									5		4				
Island	X	3		X		X	2				X			2	X		X	X	3	2	2	X	2					1		X					X			3						3		X	2			
Jefferson	X	X				4	3		X		X			X	X	X	X	5			X	5					X	X	X	X	X				X							X			5				X
King	X	4		1		X	X	X	4		X		X	X	1	X	X	X	X	5	2	X	X				X	X	X	X		X			2		1					X			X				
Kitsap		3				X	2				X			X	3	X	X	3	7	X	4	X	X					X	X	X		X			X							X							
Lewis	X	8				X					X		X	X	X	X	X	X	7		6	X					X			X		X	X								X							
Mason	X	X					3				6			7	X	X	X					X	X					X	X	X					X							X							
Pacific	X	X					X				X			X	X	2	X	7	3	3	2	X						X		X					X			2				X		X					
Pierce	X	X		X	X	X	2		4	X	X	2	4	X	1	X	X	X	4	3	2	X	X				X	X	X	X	X	X	X	X	X	X	3		X	X		X		X	X			X	
San Juan						3	3				3			3	3		X	3			3	3						X		X					X								X			X				
Skagit		X				7	3				X			X	X	X	X					X	X				2	X	X		X		X	X				X				X			X	X			
Skamania	X	X		X		X	3		3		X			X	3	X	X	X				X				X		X	X		X	X	X	X							X	X		X		X			
Snohomish	X	X	4	5	3	X	2	X	6		X			X	X	X	X	X	4	X	3	X				6	4	X	X					X		3						2		X					
Thurston	X	7		7		X	X				X			X	X	6	X	1	7	1	3	X	X				X	X	X					X								X		3					
Wahkiakum		8		5		5	5				5			X			X	5	5	8	5	5							5					7								5							
Whatcom	X	X		X	X	X	X		4		X			X	X	X	X	X	3	3	6	X	X				X	X	X	X		X	X		X	X							3		X	2			

*** WNV-Positive Mosquito Species Reported to CDC, 1999-2007**

Last Revised 04/09/2009

† Seven 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 salinarius* , *Ochlerotatus pionips* , *Ochleroctatus provocans* , *Ochlerotatus punctor* , *Ochleroatatus trivittatus* , and *Orthopodomyia signifera* .

Previous Findings: X

New Findings for: 1 - 2001 | 2 - 2002 | 3 - 2003 | 4 - 2004 | 5 - 2005 | 6 - 2006 | 7 - 2007 | 8 - 2008

Washington State Department of Health

The matrix shows the known distribution of mosquito species by county for western Washington through 2008. 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 2008 based upon the earliest collection information for the species.

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Eastern Washington																																																		
Adams		4		4			4				X			X				X										X									4		X											
Asotin				X							7			X																																				
Benton		X		X	X	X	4				X		X	X	X		X	X	X					X		5	X	X		X					X			X		X					X		X			
Chelan	X	X		X		X	6				X			X	X	X	X	X	X	1		X	7			X	X	X	X	X	X	X	X	X	X	X		7	X				X	X	X	X	X			X	
Columbia		X		X		X								X																					X															
Douglas		X												X			X	X										X			7							X												
Ferry	X	X		X			X				2			X	X		2						X			X		X		X			X	X	X	X	X	X				X								
Franklin		4		3	X	4	4				X			X			X	X							5	6			4			X				1			X		X				3		X			
Garfield						X								X			X																																		
Grant	X	1		X			X				X			X	X		X	X						X	X		X		X	X							X		X					X	2				
Kittitas	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
Klickitat		X					7				3		X	X			3	3	7			X							7			X				3			7		7				3		7			
Lincoln		X		X					X		3			X			X	3										X		X	X	X						X						3					
Okanogan	X	X	X	X	X	X	3				X			X	X		X	X						X	X		X	X	X	X	X	X	X					X				X			X	X	X			
Pend Oreille	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			
Spokane	X	X	3	X		X	2				X	4		X			1	X	5	4		X		X	6		X		5	X	X	X					3			X		4		4			X	
Stevens	X	X	X	X	X						X			X		X	X	X							X	X	X	X		X									X	X				3					
Walla Walla	X	X		X		X	3				X		X	X	1	1	X	X		6		X		8				X										2		X				3		2				
Whitman		X		X		X	X				X			X			X	X				3		X						3													X		4				
Yakima	X	X		X		X	X	X			X		X	X	X	X	X	X	X	X		X	X	6			X	X	X	X		X	X	X	X	X	X			X	X	X		X	X		4			

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