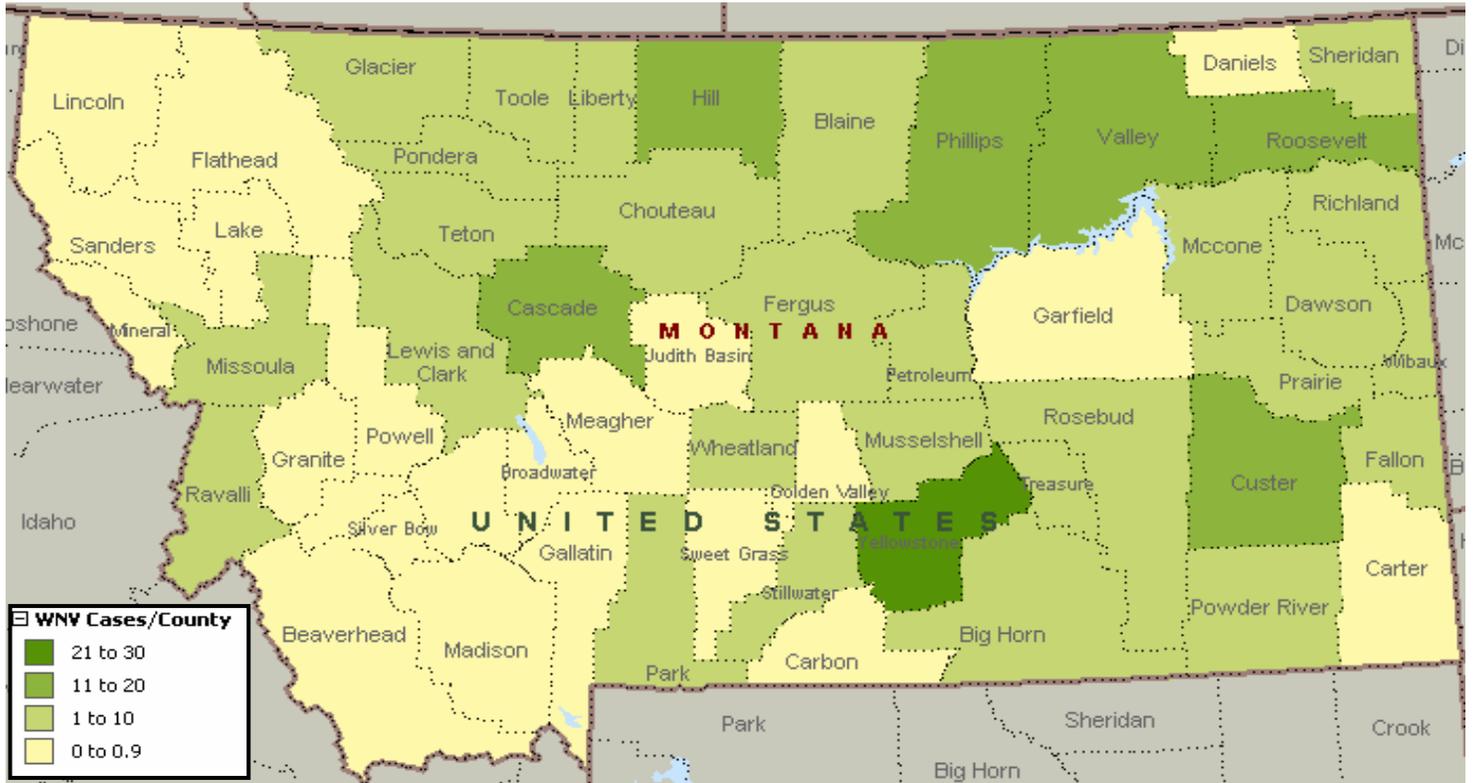


2007 West Nile Virus Activity

Human Case Distribution



Montana Human West Nile Virus Cases as of December 31, 2007		
Age Groups	Number	Percent
0 to 9	0	0.0%
10 to 19	8	4.0%
20 to 29	13	6.4%
30 to 39	27	13.4%
40 to 49	39	19.3%
50 to 59	46	22.8%
60 to 69	35	17.3%
70 to 79	20	9.9%
80 to 89	11	5.4%
90 & above	3	1.5%
Totals:	202	100.0%

Clinical Features		
Fever	162	80.2%
Mening/Enceph	40	19.8%
Totals:	202	100.0%

Deaths	5	2.5%
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Hospitalizations		
No	126	62.4%
Yes	75	37.1%
Unknown	1	0.5%
Totals:	202	100.0%

* MOSQUITO SAMPLES reflect results from counties that are part of a sampling effort. In these areas, single samples of up to 50 mosquitoes were tested for WNV.

CAUTION - Counties not identified with WNV may still have the virus present despite the lack of positive test results. It should be presumed that the virus can be found any place in Montana and all residents should follow the recommended precautions.

Montana West Nile Detections by County of Residence

December 31, 2007

	HUMANS	HORSES	OTHER	MOSQUITO SAMPLING*	TOTALS
County	Positives	Positives	Positives	Positives	Positives
Beaverhead					
Big Horn	4	2		5	
Blaine	7	1		10	
Broadwater					
Carbon		1			
Carter					
Cascade	11	2		35	
Chouteau	8	1			
Custer	13			3	
Daniels					
Dawson	4				
Deer Lodge					
Fallon	2				
Fergus	1				
Flathead					
Gallatin		1			
Garfield					
Glacier	2	1			
Golden Valley					
Granite					
Hill	13			6	
Jefferson		1			
Judith Basin		1			
Lake		4		2	
Lewis & Clark	9	4		4	
Liberty	1	1			
Lincoln		1			
Madison					
McCone	5				
Meagher					
Mineral	1				
Missoula	1	3			
Musselshell	1				
Park	1	2			
Petroleum	1				
Phillips	16	1			
Pondera	3				
Powder River	1				
Powell		1			
Prairie	3				
Ravalli	1	1	1 moose		
Richland	8				
Roosevelt	16				
Rosebud	6	3			
Sanders		1			
Sheridan	5			28	
Silver Bow					
Stillwater	5	1			
Sweet Grass					
Teton	5				
Toole	2				
Treasure	1				
Valley	15			14	
Wheatland	1	1			
Wibaux	2				
Yellowstone	27	1		3	
TOTAL	202	36	1	110	349