

Zoonotic Surveillance Update
Week of July 1st to July 7th, 2007

Boulder County Animal / Arthropod Zoonotic Surveillance				
Species	Week of July 1 st to July 7 th		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
Bubonic Plague				
Cat			2	
*Flea			2	1 (50%)
Fox				
Dog			1	
Squirrel, tree (<i>Sicrus niger</i>)			10	
Squirrel, 13 lined (<i>Spermophilus tridecemlineatus</i>)				
Rabbit			2	
Plague Grand Total	0	0	17	1 (6%)
Rabies				
Bat, not speciated			1	
Big brown bat (<i>Eptesicus fuscus</i>)	8	1 (13%)	31	5 (16%)
California bat (<i>Myotis californicus</i>)				
Hoary bat (<i>Lasiurus cinereus</i>)			3	2 (67%)
Little brown bat (<i>M. lucifugus</i>)				
Long-eared myotis (<i>M. evotis</i>)				
Myotis species			9	
Silver-haired bat (<i>Lasionycteris noctivagans</i>)			1	
Western small-footed myotis (<i>M. ciliolabrum</i>)				
Cat			3	
Dog				
Raccoon				
Skunk				
Rabies Grand Total	8	1 (13%)	48	7 (15%)

* Flea pools tested. One pool could equal 1-234 fleas.

Boulder County Animal / Arthropod Zoonotic Surveillance

Species	Week of July 1 st to July 7 th		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
Tularemia				
Cat			2	
Dog			1	
*Flea			2	
Fox				
Prairie Dog				
Squirrel, tree (<i>Sicrus niger</i>)			10	
Squirrel, 13 lined (<i>Spermophilus tridecemlineatus</i>)				
Rabbit			2	
Tularemia Grand Total	0	0 (0%)	17	0 (0%)
West Nile Virus				
American Crow	1		2	
Avian Other				
Black-billed Magpie			2	
Blue Jay			1	
** <i>Culex pipiens</i>	4		12	
** <i>Culex tarsalis</i>	21		68	
** <i>Culex</i> species, other			2	
** <i>Culiseta</i> species				
Horse				
Raptor				
Raven, common				
Stellar Jay				
West Nile Grand Total	26	0 (0%)	87	0 (0%)

* Flea pools tested. One pool could equal 1-234 fleas.

**Mosquito pools tested. One pool could equal 1-60 mosquitoes.

Colorado Human Zoonoses Surveillance of Confirmed and Probable Cases by County 2007

County	Hantavirus		Bubonic Plague		Tularemia		West Nile Virus		County Totals	
	Cases	*Deaths	Cases	*Deaths	Cases	*Deaths	Cases	*Deaths	Cases	*Deaths
Adams										
Alamosa	1								1	
Bent										
Boulder										
Broomfield										
Chaffee	1								1	
Cheyenne							1		1	
Crowley										
Delta										
Denver										
Eagle										
Elbert										
El Paso										
Fremont										
Garfield										
Jefferson										
La Plata										
Larimer										
Logan							1		1	
Mesa										
Montrose										
Morgan										
Otero										
Phillips										
Prowers										
Pueblo										
Saguache										
Weld	1								1	
Unknown					1				1	
Grand Totals	3				1		2		6	

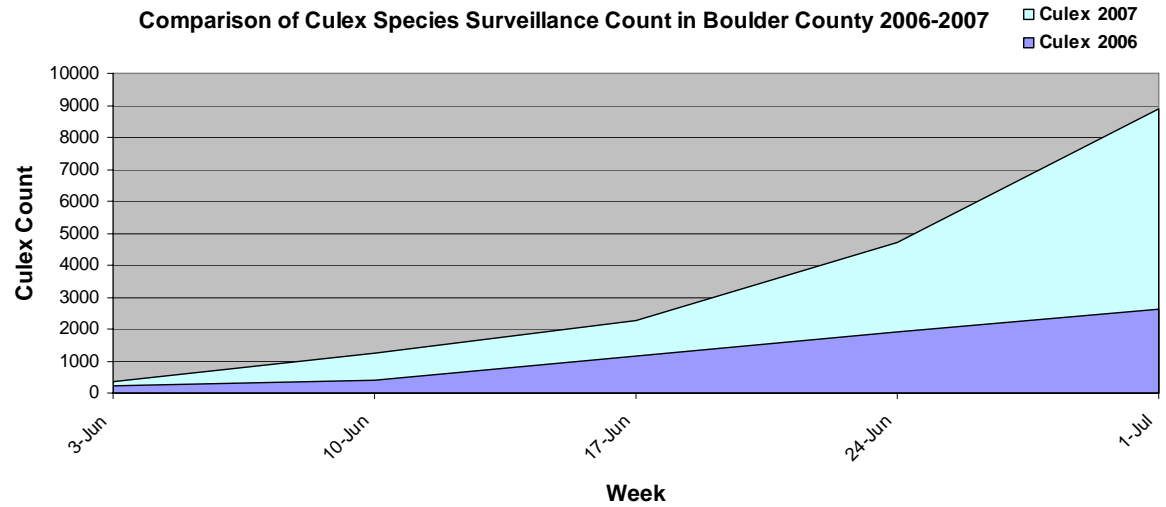
*If data available

Mosquito Surveillance

Boulder County Mosquito Trap Counts by Week

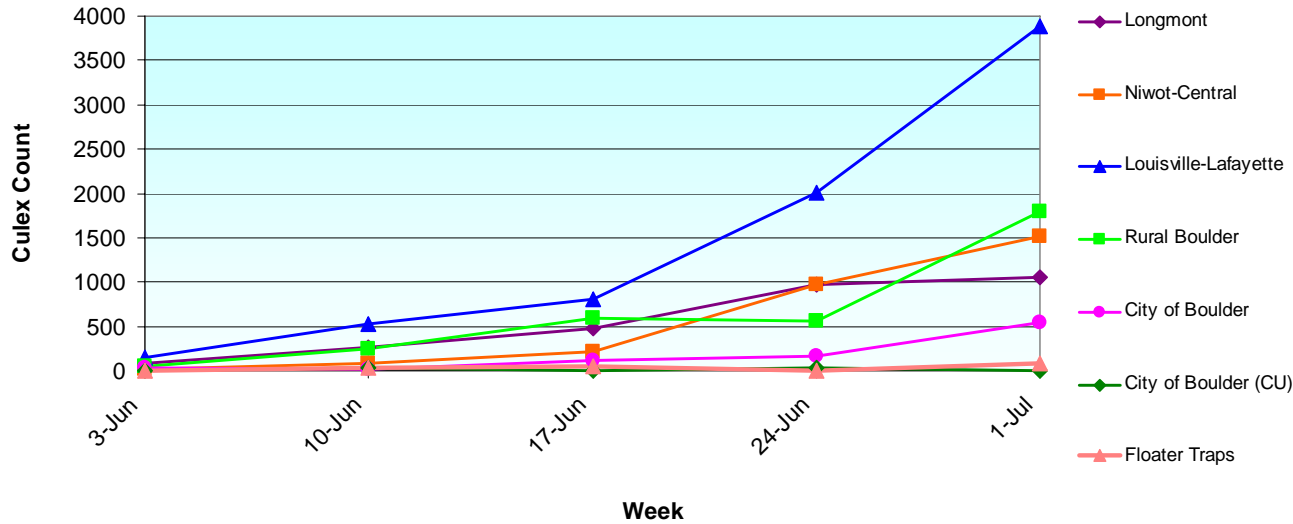
	Grand Totals	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
<i>C. pipiens</i>	1952	38	241	210	344	1119
<i>C. tarsalis</i>	15396	271	989	2036	4348	7752
Other <i>Culex</i>	76	32	2	10	6	26
Total <i>Culex</i>	17424	341	1232	2256	4698	8897
<i>Culiseta</i>	754	68	125	130	225	206
Total Mosquito	44669	2717	8556	8111	11581	13704

Comparison of *Culex* Species Surveillance Count in Boulder County 2006-2007



Note: Weeks are from 2007. Data from 2006 are for similar weeks.

Culex Species Surveillance Count in Boulder County by Region 2007



- **Longmont Area:** Includes traps for Longmont (10 traps).
- **Niwot and Central Area:** Includes traps for Niwot and Lyons (9 traps).
- **Louisville and Lafayette Area:** Includes traps for Louisville, Lafayette, Superior, and Erie (19 traps).
- **Rural Boulder Area:** Includes traps east of Boulder and sentinel traps including rural areas and Gunbarrel (13 traps).
- **City of Boulder:** Includes traps for the city of Boulder (16 traps).
- **City of Boulder (CU):** Includes traps for the city of Boulder within the CU campus (33 traps).
- **Floater traps:** Includes traps with variable locations throughout Boulder County (up to 10 traps).