

**Zoonotic Surveillance Update
Season to date as of June 22nd, 2007**

Table 1:

Boulder County Animal / Arthropod Zoonotic Surveillance				
Species	Season to date as of June 22nd		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
Bubonic Plague				
Cat	2		2	
*Flea	2	1 (50%)	2	1 (50%)
Fox				
Dog	1		1	
Squirrel, tree (<i>Sicrus niger</i>)	10		10	
Squirrel, 13 lined (<i>Spermophilus tridecemlineatus</i>)				
Rabbit	2		2	
Plague Grand Total	17	1 (6%)	17	1 (6%)
Rabies				
Bat, not speciated	1		1	
Big brown bat (<i>Eptesicus fuscus</i>)	22	4 (18%)	22	4 (18%)
California bat (<i>Myotis californicus</i>)				
Hoary bat (<i>Lasiurus cinereus</i>)	2	1 (50%)	2	1 (50%)
Little brown bat (<i>M. lucifugus</i>)				
Long-eared myotis (<i>M. evotis</i>)				
Myotis species	8		8	
Silver-haired bat (<i>Lasionycteris noctivagans</i>)	1		1	
Western small-footed myotis (<i>M. ciliolabrum</i>)				
Cat	3		3	
Dog				
Raccoon				
Skunk				
Rabies Grand Total	37	5 (14%)	37	5 (14%)

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

Boulder County Animal / Arthropod Zoonotic Surveillance

Species	Season to date as of June 22 nd		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
Tularemia				
Cat	2		2	
Dog	1		1	
*Flea	2		2	
Fox				
Prairie Dog				
Squirrel, tree (<i>Sicrus niger</i>)	10		10	
Squirrel, 13 lined (<i>Spermophilus tridecemlineatus</i>)				
Rabbit	2		2	
Tularemia Grand Total	17	0 (0%)	17	0 (0%)
West Nile Virus				
American Crow	1		1	
Avian Other				
Black-billed Magpie	2		2	
Blue Jay	1		1	
** <i>Culex pipiens</i>	4		4	
** <i>Culex tarsalis</i>	16		16	
** <i>Culex</i> species, other				
** <i>Culiseta</i> species				
Horse				
Raptor				
Raven, common				
Stellar Jay				
West Nile Grand Total	24	0 (0%)	24	0 (0%)

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

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

Table 2:

Colorado Human Zoonoses Surveillance of Confirmed and Probable Cases by County										
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										
Cheyenne							1		1	
Crowley										
Delta										
Denver										
Eagle										
Elbert										
El Paso										
Fremont										
Garfield										
Jefferson										
La Plata										
Larimer										
Logan										
Mesa										
Montrose										
Morgan										
Otero										
Phillips										
Prowers										
Pueblo										
Saguache										
Weld	1								1	
Unknown					1				1	
Grand Totals	2				1		1		4	

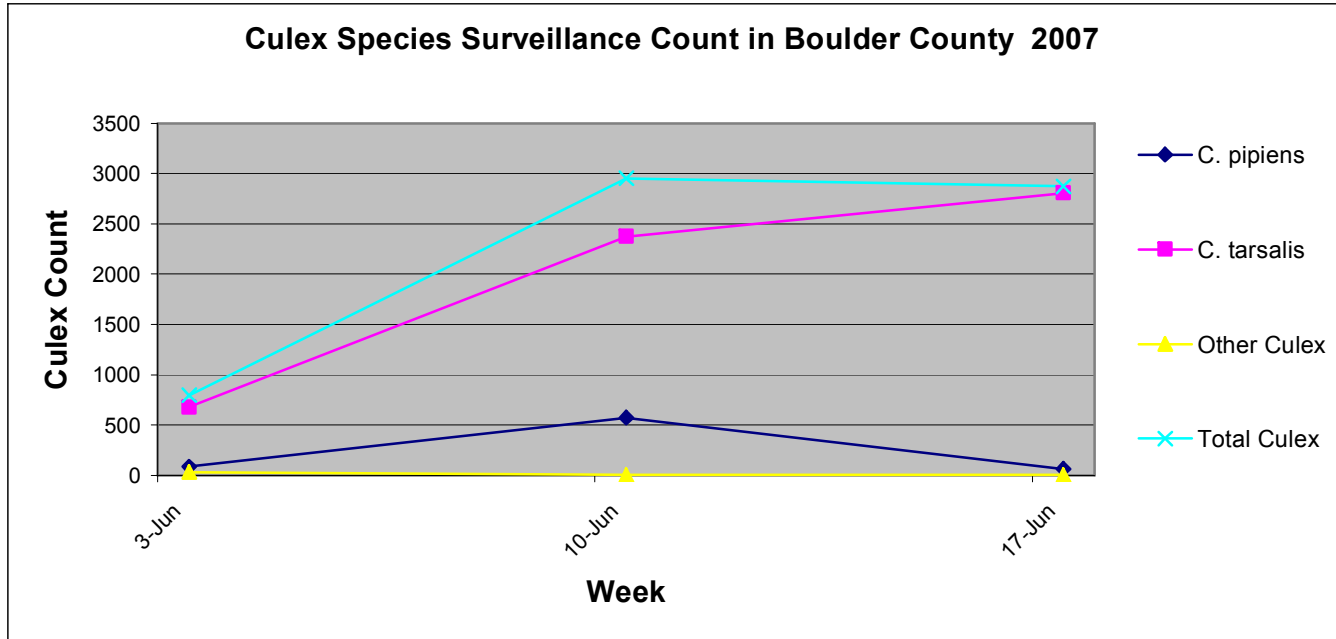
***If data available**

Mosquito Surveillance

Table 3: Boulder County Mosquito Trap Counts, Totals by Week

	Grand Totals	3-Jun	10-Jun	17-Jun
<i>C. pipiens</i>	723	85	574	64
<i>C. tarsalis</i>	5857	677	2374	2806
Other <i>Culex</i>	40	32	4	4
Total <i>Culex</i>	6620	794	2952	2874
<i>Culiseta</i>	268	60	115	93
Total Mosquito	35814	5603	19747	10464

Graph 1:



- **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).