

**Zoonotic Surveillance Update**  
**Week of June 24<sup>th</sup> to June 30<sup>th</sup>, 2007**

**Table 1:**

<b>Boulder County Animal / Arthropod Zoonotic Surveillance</b>				
Species	Week of June 24 <sup>th</sup> to June 30 <sup>th</sup>		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
<b>Bubonic Plague</b>				
Cat			2	
*Flea			2	<b>1 (50%)</b>
Fox				
Dog			1	
Squirrel, tree ( <i>Sicrus niger</i> )			10	
Squirrel, 13 lined ( <i>Spermophilus tridecemlineatus</i> )				
Rabbit			2	
<b>Plague Grand Total</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>1 (6%)</b>
<b>Rabies</b>				
Bat, not speciated			1	
Big brown bat ( <i>Eptesicus fuscus</i> )			21	<b>4 (19%)</b>
California bat ( <i>Myotis californicus</i> )				
Hoary bat ( <i>Lasiurus cinereus</i> )	1	<b>1 (100%)</b>	3	<b>2 (67%)</b>
Little brown bat ( <i>M. lucifugus</i> )				
Long-eared myotis ( <i>M. evotis</i> )				
Myotis species			8	
Silver-haired bat ( <i>Lasionycteris noctivagans</i> )			1	
Western small-footed myotis ( <i>M. ciliolabrum</i> )				
Cat			3	
Dog				
Raccoon				
Skunk				
<b>Rabies Grand Total</b>	<b>1</b>	<b>1 (100%)</b>	<b>37</b>	<b>6 (16%)</b>

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

**Boulder County Animal / Arthropod Zoonotic Surveillance**

Species	Week of June 24 <sup>th</sup> to June 30 <sup>th</sup>		Season Summary	
	Tested	Positive (%)	Total Specimens	Total Positive (%)
<b>Tularemia</b>				
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	
<b>Tularemia Grand Total</b>	<b>0</b>	<b>0 (0%)</b>	<b>17</b>	<b>0 (0%)</b>
<b>West Nile Virus</b>				
American Crow			1	
Avian Other				
Black-billed Magpie			2	
Blue Jay			1	
** <i>Culex pipiens</i>	1		5	
** <i>Culex tarsalis</i>	27		43	
** <i>Culex</i> species, other				
** <i>Culiseta</i> species				
Horse				
Raptor				
Raven, common				
Stellar Jay				
<b>West Nile Grand Total</b>	<b>28</b>	<b>0 (0%)</b>	<b>52</b>	<b>0 (0%)</b>

\* 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 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										
<b>Boulder</b>										
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	
<b>Grand Totals</b>	<b>3</b>				<b>1</b>		<b>2</b>		<b>6</b>	

\*If data available

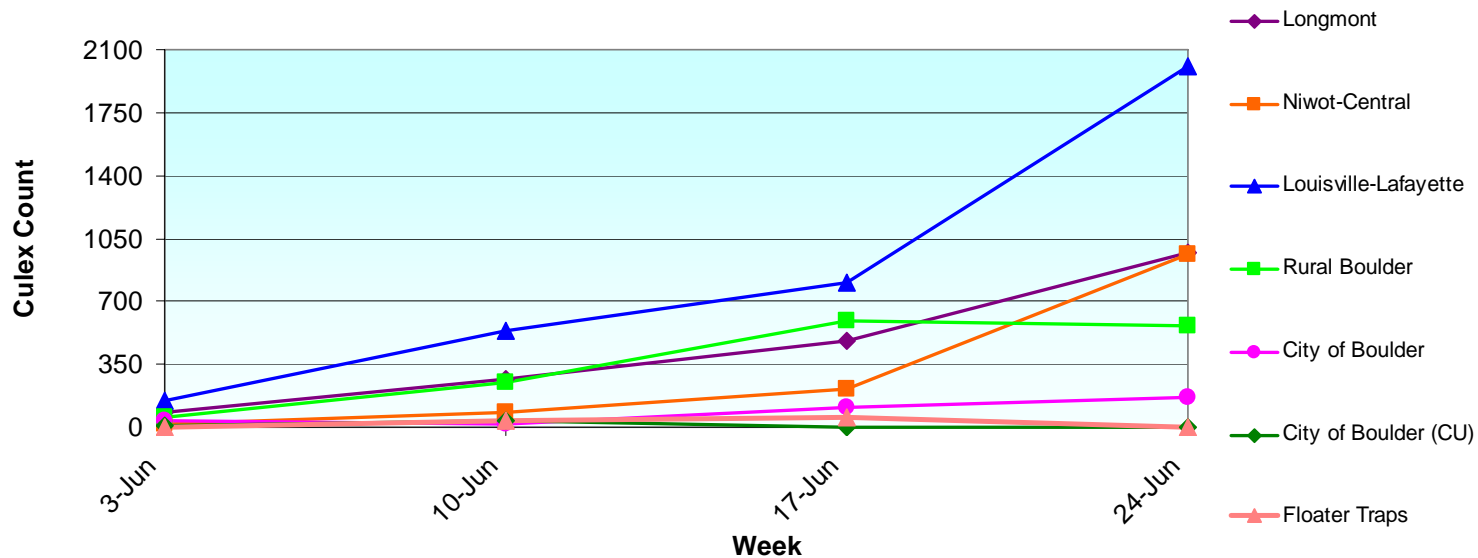
## Mosquito Surveillance

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

	Grand Totals	3-Jun	10-Jun	17-Jun	24-Jun
<i>C. pipiens</i>	806	38	241	210	317
<i>C. tarsalis</i>	7634	271	989	2036	4338
Other <i>Culex</i>	50	32	2	10	6
<b>Total <i>Culex</i></b>	<b>8490</b>	<b>341</b>	<b>1232</b>	<b>2256</b>	<b>4661</b>
<i>Culiseta</i>	548	68	125	130	225
<b>Total Mosquito</b>	<b>30875</b>	<b>2717</b>	<b>8556</b>	<b>8111</b>	<b>11491</b>

**Graph 1:**

**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).