

Zoonotic Surveillance Update Season to date as of June 20th, 2008

For the week ending June 20th, there were no positive test results for humans or animals for the following diseases: Plague, Rabies, Tularemia, or West Nile virus. There is one pool of mosquitoes that have been submitted for testing, but results are still pending.

Table 1: Boulder County Animal / Arthropod Zoonotic Surveillance for June 14th-June 20th, 2008

Species	Tested	Positive	Total Tested 2008 Season	Total Positive 2008 Season
Bubonic Plague				
Plague Total	0	0	0	0
Rabies				
Big brown bat (<i>Eptesicus fuscus</i>)	2	0	4	1
<i>Myotis</i> species	3	0	6	0
Dog	1	0	2	0
Cat	1	0	1	0
Racoon	0	0	2	0
Rabies Total	7	0	15	1
Tularemia				
Tularemia Total	0	0	0	0
West Nile Virus				
** <i>Culex erythrothorax</i>	1	0	1	0
** <i>Culex pipiens</i>	0	0	1	0
** <i>Culex salinarius</i>	1	pending	1	
** <i>Culex tarsalis</i>	3	0	8	0
West Nile Total	5	0	11	0

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

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

Table 2: Boulder County Human Zoonoses Surveillance of Confirmed and Probable Cases for June 14-20*

	Cases	Deaths*	Total Cases 2008 Season	Total Deaths 2008 Season
Hantavirus	0	0	0	0
Bubonic Plague	0	0	0	0
Tularemia	0	0	0	0
West Nile Virus	0	0	0	0
Total	0	0	0	0

*By report date

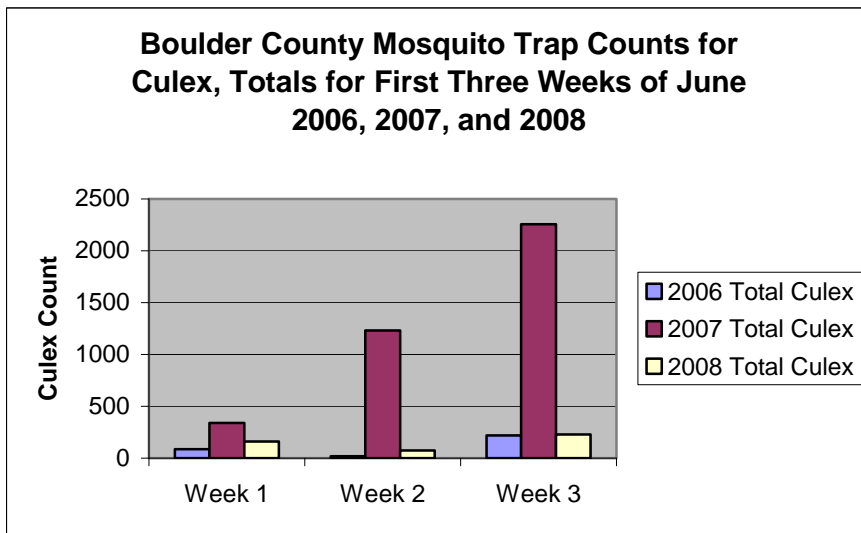
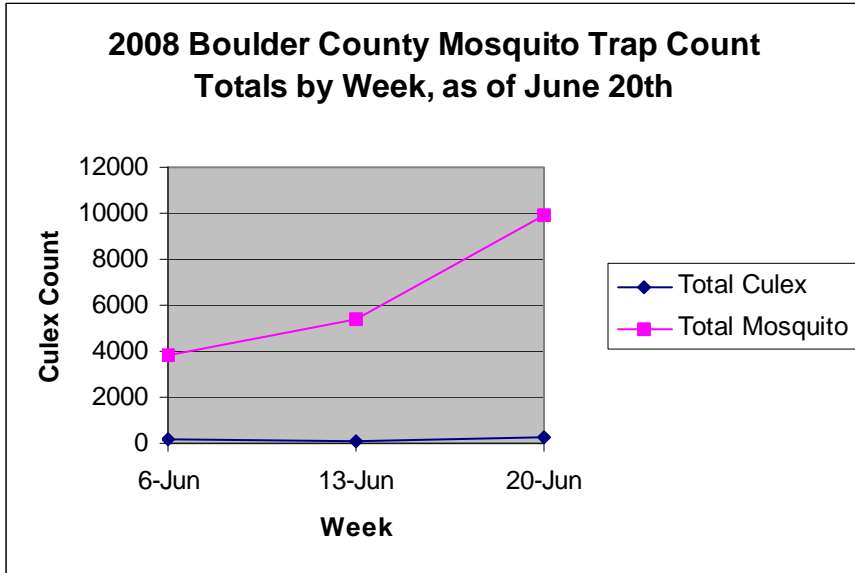
Table 3: 2008 Boulder County Mosquito Trap Counts, Totals by Week

	Season Total	6-Jun	13-Jun	20-Jun
<i>C. pipiens</i>	205	66	17	122
<i>C. tarsalis</i>	240	96	56	88
Other Culex	18	0	0	18
Total Culex	463	162	73	228
Total Mosquito	19164	3799	5415	9950

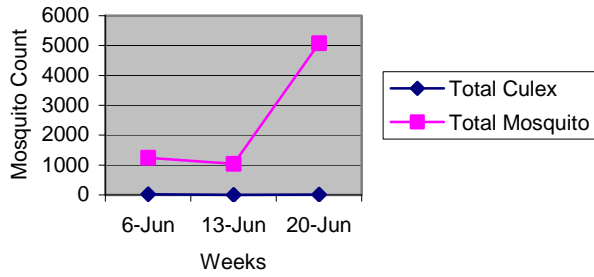
The Vector Index (VI) is the average number of infected Culex mosquitoes collected per trap night per defined area. A value ≥ 0.75 indicates a high level human risk.

Table 4: 2008 Boulder County Vector Index by Week

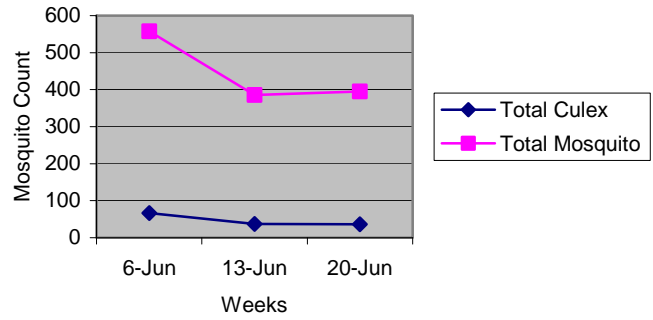
6-Jun	13-Jun	20-Jun
0.0	0.0	0.0



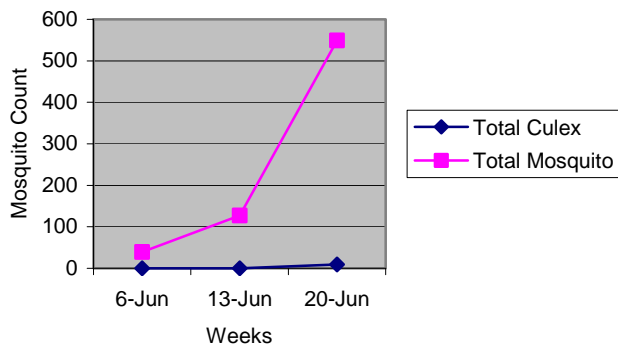
2008 Rural Boulder County (east of Boulder, including Gunbarrel) Mosquito Trap Counts (13 traps).



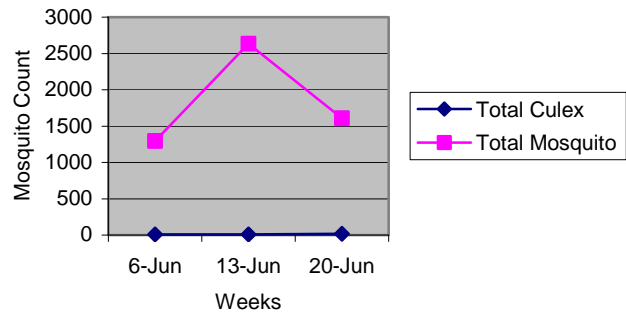
2008 Longmont Area Mosquito Trap Counts (10 Traps)



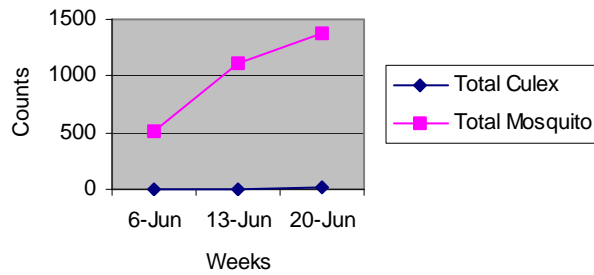
2008 Niwot-Lyons Mosquito Trap Counts (5 Traps)



2008 Louisville-Lafayette-Superior-Erie Mosquito Counts (16 traps)



2008 City of Boulder Mosquito Trap Counts (16 traps)



2008 University of Colorado, City of Boulder Mosquito Trap Counts (33 traps)

