



Zoonotic Disease Report July 11 – July 17, 2021 (Week 28)

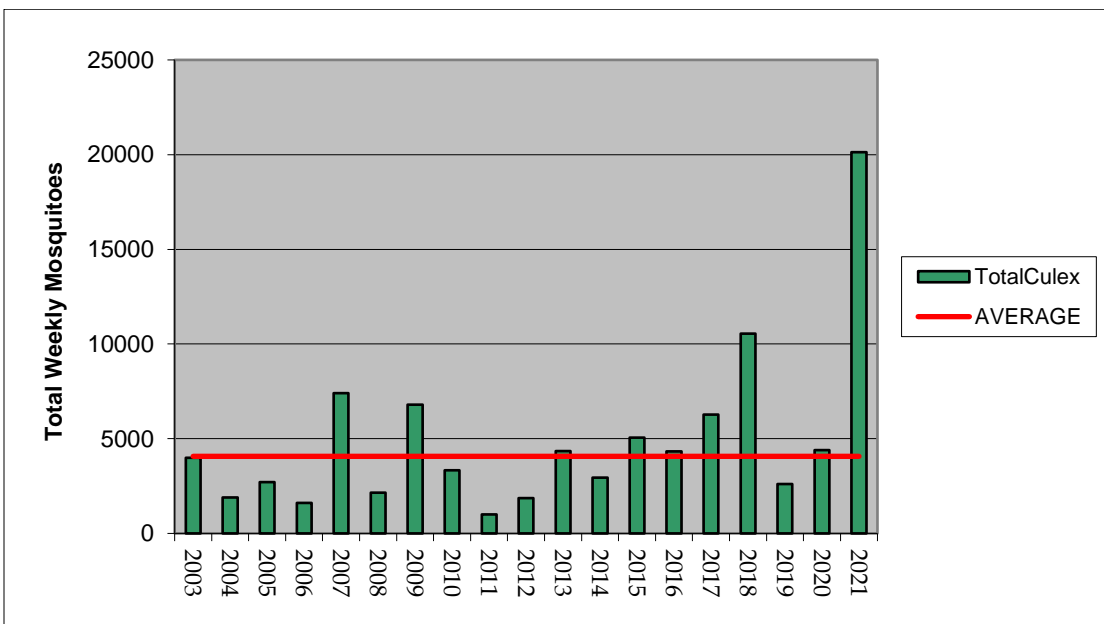
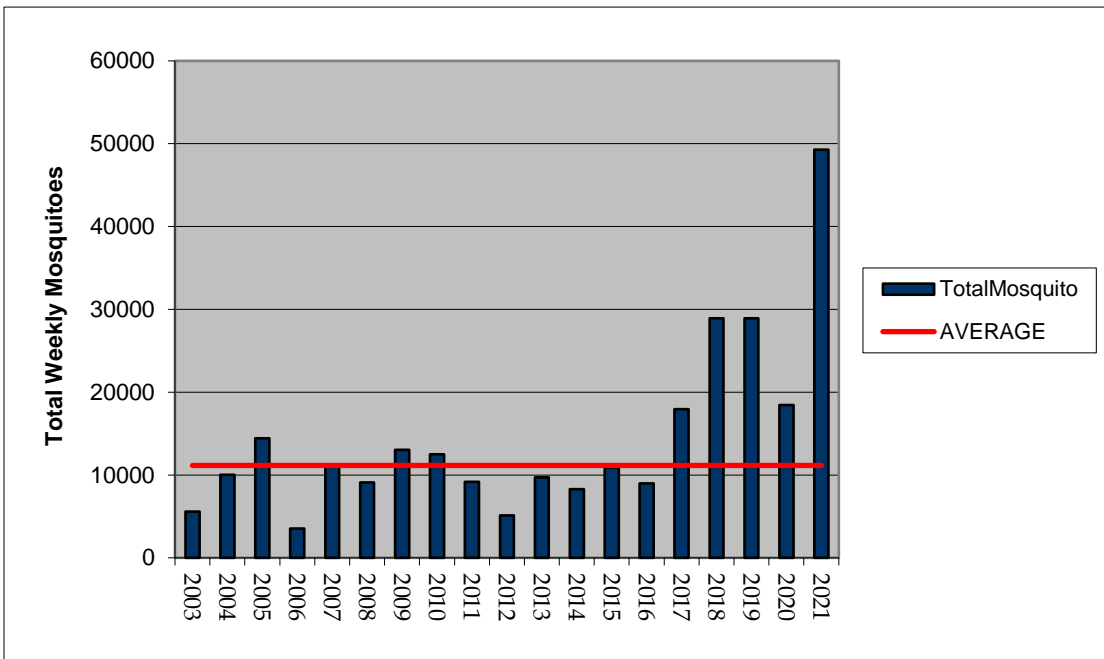
Executive Summary

- Boulder County saw its positive West Nile virus sample of the season. The mosquito pool was submitted by the City of Boulder. Positive mosquito pools have also been noted in Larimer and Weld counties.
- Boulder County submitted 15 mosquito pools for West Nile virus testing. All samples were negative.
- Mosquito abundance (all species) is at historical highs and expected to continue through the next several weeks.
- *Culex* species (WNV vectors) are at historical highs for the week.
- Statewide, 33 specimens have tested positive for rabies in 2021 including three domestic animals: Miniature Horse (Adams), Mule (Eagle), and Cat (Morgan).
- Eight samples were submitted for rabies testing, six bats and two skunks. One bat and one skunk tested positive.

Lab-confirmed, rabies positive animals by county, Colorado, Jan. 1 - July 10, 2021

County	Bat	Skunk	Other wildlife	Domestic	Total
Adams	1	2		1	4
Arapahoe		2			2
Boulder	2	5			7
Douglas		1			1
Eagle				1	1
El Paso		3			3
Fremont	1	1			2
Larimer	2	2			4
Morgan				1	1
Pueblo	1	1			2
Weld		6			6
Total	7	23	0	3	33

Mosquito Activity Week 28



WEST NILE VIRUS VECTOR INDEX LOG			
	ZONE 1	ZONE 2	ZONE 3
Season Week	Vector Index	Vector Index	Vector Index
Week 26	0.00	0.00	0.00
Week 27	0.00	0.00	0.00
Week 28	0.00	0.00	0.00
Week 29			
Week 30			
Week 31			
Week 32			
Week 33			
Week 34			
Week 35			
Week 36			
Week 37			
Week 38			
Week 39			
Week 40			

Note: Table reflects only testing submitted by Boulder County Public Health. Additional testing may occur through other agencies.

Animal Disease Activity

Each week, Boulder County and municipal Animal Control Units responds to animal complaints throughout the county. When deemed necessary, these specimens are sent to state laboratories for zoonotic disease testing.

Caveats

- Data are provided from the Colorado Department of Public Health and Environment (CDPHE) Zoonotic database and may not include samples submitted for testing prior to publishing of this report.
- Data reflect all samples submitted by Boulder County Public Health by other agencies or private veterinary practices.
- ‘Positive Vectors’ include only samples that have tested positive. Some samples submitted may be deemed untestable.
- ‘Submitted Vectors’ denoted with (*) indicate that at least one sample was untestable. Untestable samples may be treated as positive for follow-up protocol.
- WNV pools only reflect samples submitted by Boulder County Public Health. Additional testing may occur through other agencies.

Submissions and Results by Disease

	SUBMITTED VECTORS						POSITIVE VECTORS					
	RABIES	PLAGUE	TULAREMIA	WNV POOLS	HANTA VIRUS	TOTAL	RABIES+	PLAGUE+	TULAREMIA+	WNV POOLS+	HANTA VIRUS+	TOTAL
Wk 1-20	13	0	0	0	0	13	2	0	0	0	0	2
Wk21*	5	0	0	0	0	5	1	0	0	0	0	1
Wk22	2	0	0	0	0	2	0	0	0	0	0	0
Wk23	3	1	1	0	0	5	1	1	0	0	0	2
Wk24	3	0	0	0	0	3	0	0	0	0	0	0
Wk25	4	0	0	0	0	4	0	0	0	0	0	0
Wk26	5	0	0	6	0	11	1	0	0	0	0	1
Wk27	4	0	0	17	0	21	0	0	0	0	0	0
Wk28	8	0	0	15	0	23	2	0	0	0	0	2
Wk29						0						0
Wk30						0						0
Wk31						0						0
Wk32						0						0
Wk33						0						0
Wk34						0						0
Wk35						0						0
Wk36						0						0
Wk37						0						0
Wk38						0						0
Wk39						0						0
Wk40						0						0
TOTAL TO DATE	47	1	1	38	0	87	7	1	0	0	0	8

Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	17	0	0	0
Skunk	10	0	0	0
Raccoon	6	0	0	0
Squirrel	0	0	0	0
Cat	6	1	1	0
Flea	0	0	0	0
Dog	4	0	0	0
Fox	0	0	0	0
Prairie Dog	0	0	0	0
Rabbit	0	0	0	0
Other	4	0	0	0
TOTALS	47	1	1	0

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	2	0	0	0
Skunk	5	0	0	0
Raccoon	0	0	0	0
Squirrel	0	0	0	0
Cat	0	1	0	0
Flea	0	0	0	0
Dog	0	0	0	0
Fox	0	0	0	0
Prairie Dog	0	0	0	0
Rabbit	0	0	0	0
Other	0	0	0	0
TOTALS	7	1	0	0

Testing by Disease

