



Zoonotic Disease Report July 17 – July 23, 2022 (Week 29)

Executive Summary

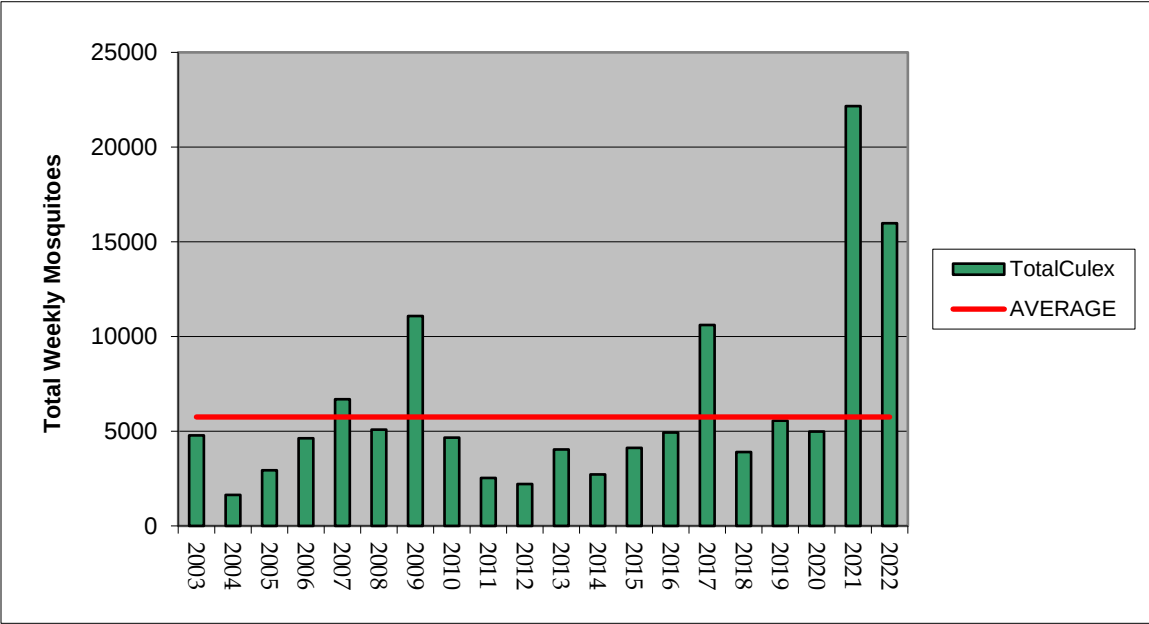
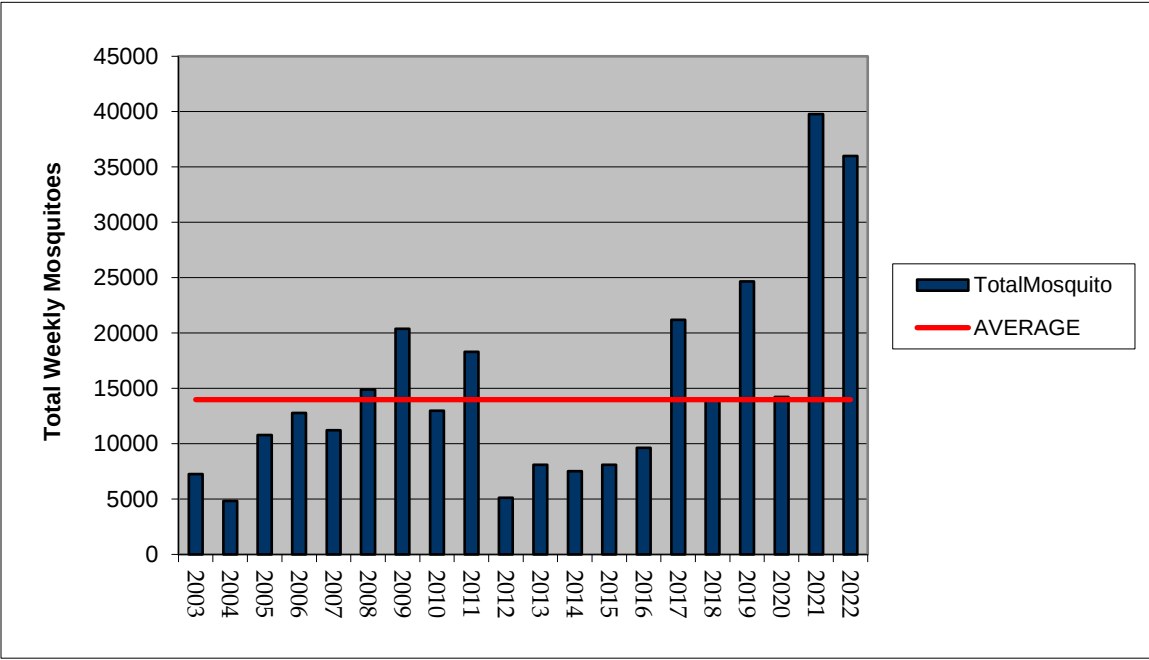
- Five bats were submitted for rabies testing this week. Four samples were negative. One was untestable.
- Boulder County has had nine positive rabies specimens to date: Bat (4), Skunk (5). Nineteen positive rabies specimens were recorded in 2021: Bat (7), Skunk (12).
- Statewide, 37 specimens have tested positive for rabies in 2022: Bat (18), Skunk (19).
- Nuisance mosquito species and *Culex* species (WNV vectors) remain well above historic average.
- Last week three mosquito pools tested positive in Boulder County from traps in Unincorporated Boulder County and Louisville. Risk of West Nile virus transmission is currently high.
- Fifteen mosquito pools were submitted for West Nile testing this week. Results are pending.
- Twelve positive mosquito samples have been recorded in Colorado in 2022: Boulder (6), Larimer (4), Weld (2). No human cases are reported.
- Nationally, CDC reports fifteen human WNV cases with one death in Arizona. Arizona (7), Georgia (1), Indiana (1), Minnesota (1), Mississippi (3), North Dakota (1), Texas (1). *Data as of July 12, 2022.*

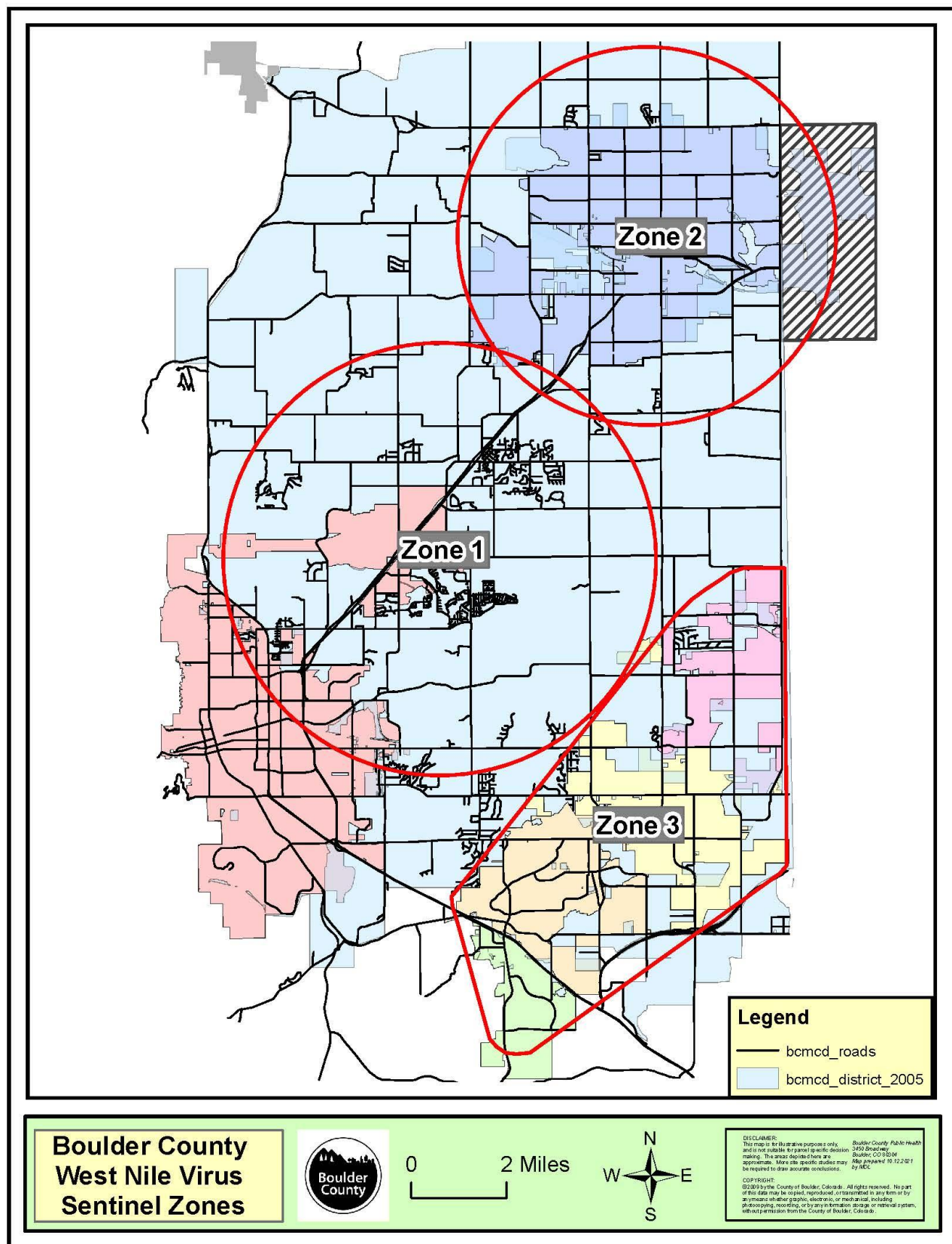
Lab-confirmed, rabies positive animals by Colorado county, Jan. 1 - July 21, 2022

County	Bat	Skunk	Other wildlife	Domestic	Total
Adams	1	1			2
Boulder	4	5			9
Broomfield		2			2
Denver	2				2
El Paso	2				2
Jefferson	1	6			7
La Plata	1				1
Larimer	2				2
Pueblo	4				4
Washington		1			1
Weld	1	4			5
Total	18	19	0	0	37

Highlighted numbers represent an increase from the previous week

Mosquito Activity – Week 29





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	0.93	0.49	0.30
Week 28	1.22	0.00	1.95
Week 29	Pending	Pending	Pending
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.

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*	26	5	5	0	0	26	4	0	0	0	0	4	
Wk21	0	0	0	0	0	0	0	0	0	0	0	0	
Wk22	3	0	0	0	0	3	1	0	0	0	0	1	
Wk23	4	0	0	0	0	4	0	0	0	0	0	0	
Wk24	4	0	0	0	0	4	2	0	0	0	0	2	
Wk25	9	0	0	0	0	9	2	0	0	0	0	2	
Wk26*	8	0	0	4	0	12	0	0	0	0	0	0	
Wk27	1	0	0	15	0	16	0	0	0	5	0	5	
Wk28	5	0	0	15	0	20	0	0	0	3	0	3	
Wk29*	5	0	0	15	0	20	0	0	0	0	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	65	5	5	49	0	114	9	0	0	8	0	17	

Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	32	0	0	0
Skunk	7	0	0	0
Raccoon	12	0	0	0
Coyote	1	0	0	0
Fox	0	0	0	0
Cat	5	0	0	0
Dog	4	3	3	0
Squirrel	1	1	1	0
Prairie Dog	0	0	0	0
Rabbit	0	0	0	0
Flea	0	0	0	0
Other	3	1	1	0
TOTALS	65	5	5	0

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	4	0	0	0
Skunk	5	0	0	0
Raccoon	0	0	0	0
Coyote	0	0	0	0
Fox	0	0	0	0
Cat	0	0	0	0
Dog	0	0	0	0
Squirrel	0	0	0	0
Prairie Dog	0	0	0	0
Rabbit	0	0	0	0
Flea	0	0	0	0
Other	0	0	0	0
TOTALS	9	0	0	0

Testing by Disease

