



Zoonotic Disease Report August 21 – August 27, 2022 (Week 34)

Executive Summary

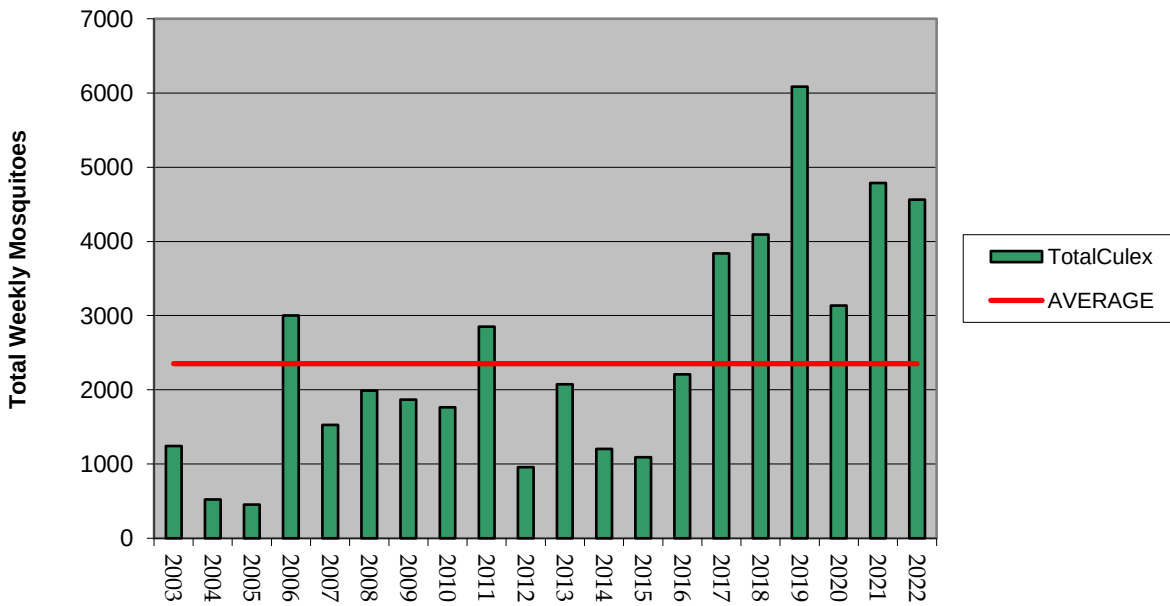
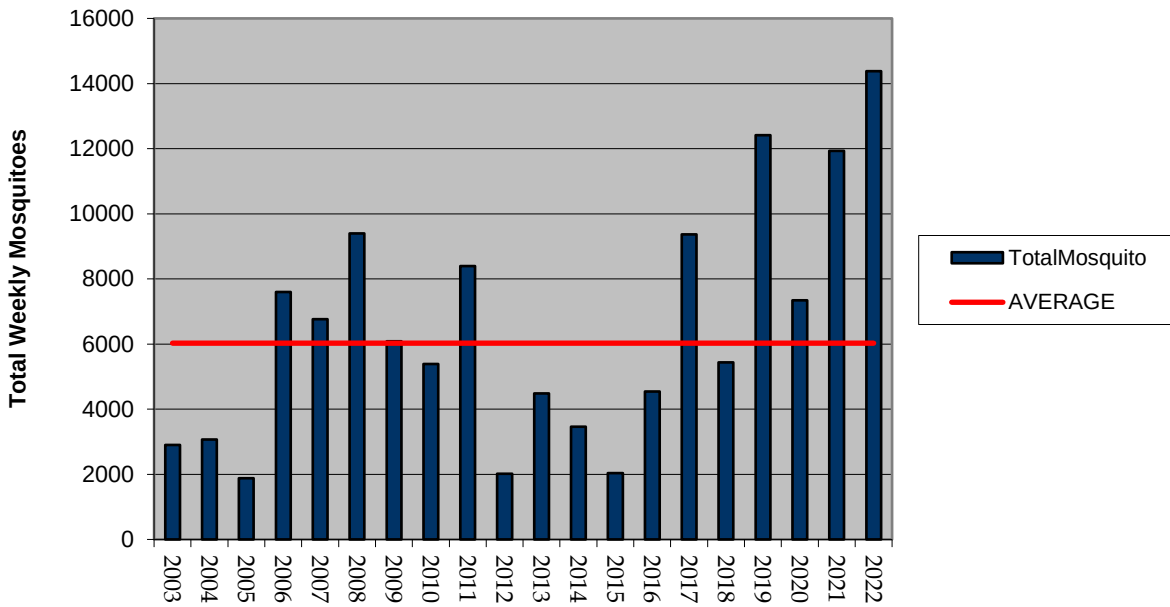
- One skunk was submitted for rabies testing this week. The specimen tested positive.
- Statewide, 56 specimens have tested positive for rabies in 2022: Bat (33), Skunk (23).
- No specimens were submitted for plague, tularemia or hantavirus.
- Nuisance and *Culex* (WNV vectors) mosquito species are above historic average for this week.
- Eight of fifteen mosquito pools tested positive this week. Zone 3 did not return any positives. Precautions should still be taken by residents to avoid mosquito bites.
- CDPHE reports 119 WNV positive mosquito pools: Adams (7), Boulder (31), Denver (1), Larimer (48), Mesa (6), Weld (26). Actual Boulder County count is 51 underreported due to data lag.
- CDPHE reports twenty three human WNV cases: Adams (3), Arapahoe (1), Boulder (2), Broomfield (3), Delta (3), Denver (2), Eagle (1), Larimer (2), Montrose (4), Weld (2).

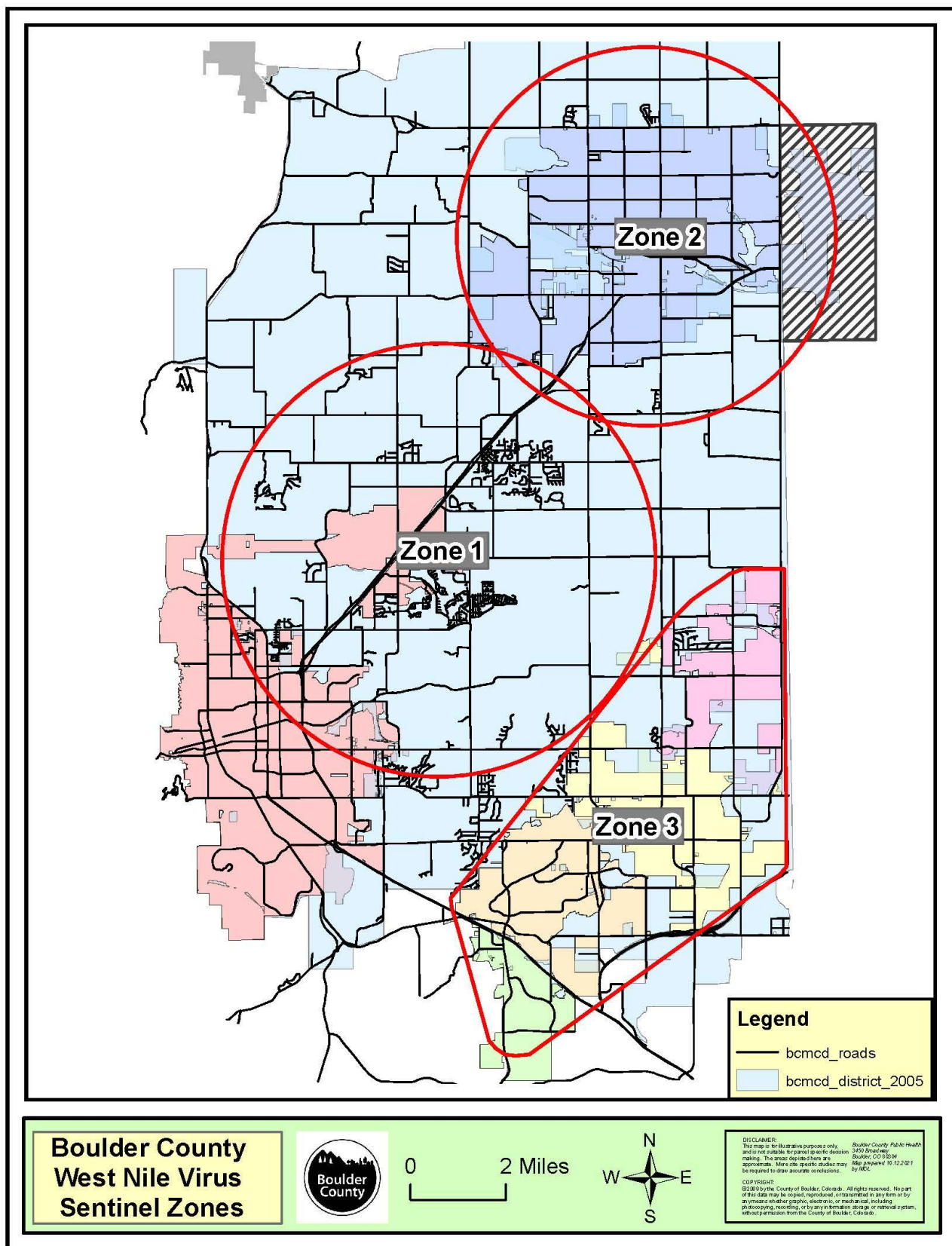
Lab-confirmed, rabies positive animals by Colorado county, Jan. 1 - August 26, 2022

County	Bat	Skunk	Other wildlife	Domestic	Total
Adams	2	2			4
Arapahoe	1				1
Boulder	5	6			11
Broomfield		2			2
Denver	4				4
El Paso	4				4
Jefferson	5	7			12
La Plata	2				2
Larimer	3				3
Pueblo	4				4
Saguache	2				2
Washington		1			1
Weld	1	5			6
Total	33	23	0	0	56

Highlighted numbers represent an increase from the previous week

Mosquito Activity – Week 34





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	2.79	0.97	3.52
Week 30	0.86	0.20	1.41
Week 31	2.44	2.16	2.22
Week 32	0.55	0.47	1.17
Week 33	0.67	0.89	1.30
Week 34	2.85	1.05	0.00
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

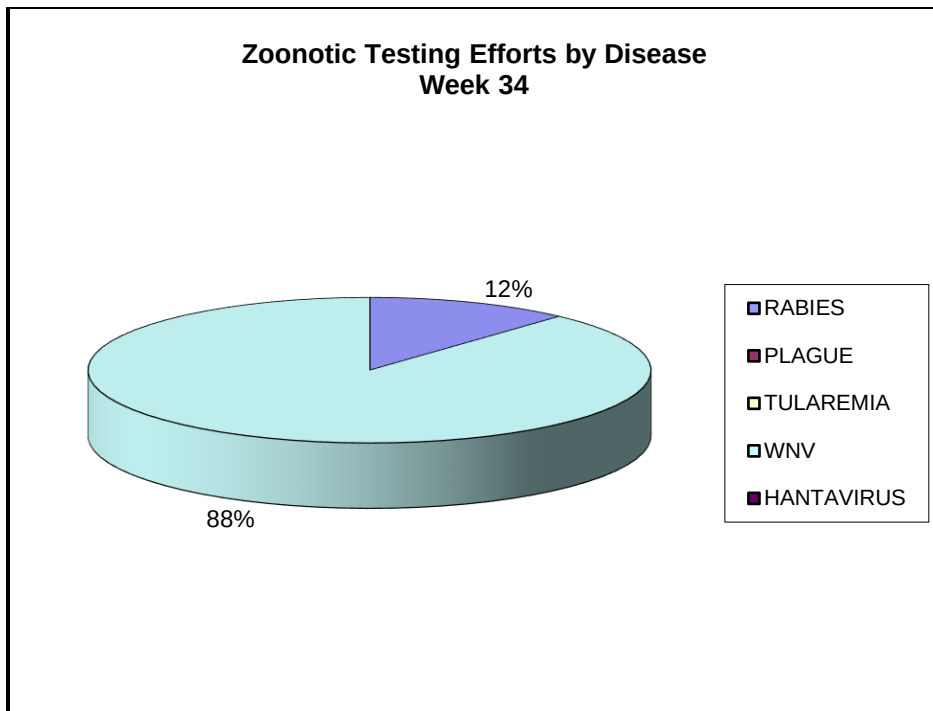
SUBMITTED VECTORS							POSITIVE VECTORS					
	RABIES	PLAGUE	TULAREMIA	WNV POOLS	HANTA VIRUS	TOTAL	RABIES+	PLAGUE+	TULAREMIA+	WNV POOLS+	HANTA VIRUS+	TOTAL
Wk 1-20*	26	5	5	0	0	26	4	0	0	0	0	4
Wk21	0	0	0	0	0	0	0	0	0	0	0	0
Wk22	3	0	0	0	0	3	1	0	0	0	0	1
Wk23	4	0	0	0	0	4	0	0	0	0	0	0
Wk24	4	0	0	0	0	4	2	0	0	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	5	0	5
Wk30	10	0	0	15	0	25	1	0	0	7	0	8
Wk31	0	0	0	15	0	15	0	0	0	7	0	7
Wk32*	10	0	0	15	0	25	0	0	0	7	0	7
Wk33	8	0	0	15	0	23	0	0	0	9	0	9
Wk34	2	0	0	15	0	17	1	0	0	8	0	9
Wk35						0						0
Wk36						0						0
Wk37						0						0
Wk38						0						0
Wk39						0						0
Wk40						0						0
TOTAL TO DATE	95	5	5	124	0	219	11	0	0	51	0	62

Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	56	0	0	0
Skunk	8	0	0	0
Raccoon	14	0	0	0
Coyote	1	0	0	0
Fox	0	0	0	0
Cat	8	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	95	5	5	0

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	5	0	0	0
Skunk	6	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	11	0	0	0

Testing by Disease



West Nile Virus Disease Cases and Presumptive Viremic Blood Donors by State – United States, 2022 (August 23, 2022)

State	Neuroinvasive Disease Cases†	Non–neuroinvasive Disease Cases	Total cases	Deaths	Presumptive viremic blood donors‡
Alabama	1	0	1	0	1
Arizona	11	5	16	2	0
California	12	6	18	0	7
Colorado	8	5	13	0	5
Georgia	2	1	3	0	2
Iowa	0	0	0	0	1
Louisiana	9	0	9	2	2
Minnesota	1	0	1	0	0
Mississippi	2	1	3	0	0
Missouri	1	0	1	0	0
Nebraska	0	3	3	0	1
New York	4	0	4	0	0
North Carolina	0	1	1	0	0
North Dakota	1	4	5	0	1
Ohio	1	0	1	0	0
Pennsylvania	3	3	6	0	1
South Dakota	3	3	6	0	4
Texas	7	0	7	2	4
Totals	66	32	98	6	29