



Zoonotic Disease Report August 29 – September 4, 2021 (Week 35)

Executive Summary

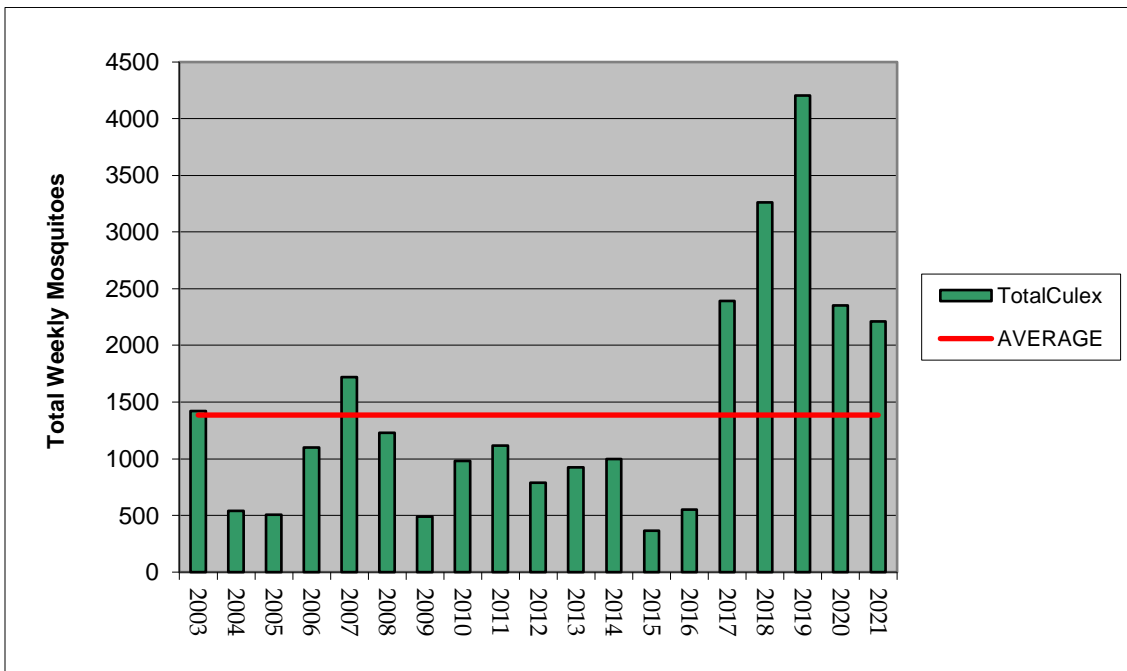
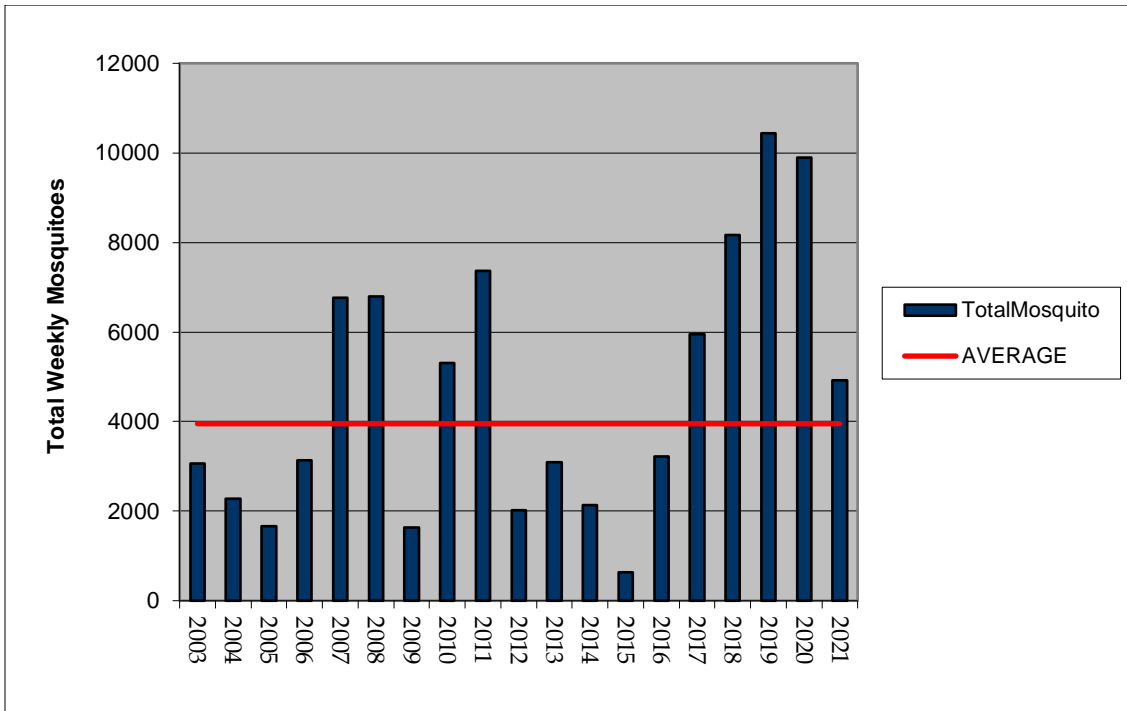
- Boulder County submitted 15 mosquito pools for West Nile virus testing. Lab results are pending and will be reported upon arrival. Results from week 34 confirmed 11 positive samples out of 17 submitted pools. Zone 1 pools for week 34 all tested positive indicating testing failure.
- One Longmont Horse tested positive for WNV on 9/1/2021.
- WNV transmission risk remains high and all residents are encouraged to take personal protective precautions.
- Mosquito abundance (all species) and Culex species (WNV vectors) continue to be at historical highs for the week.
- Statewide, 54 specimens have tested positive for rabies in 2021 including three domestic animals: Miniature Horse (Adams), Mule (Eagle), and Cat (Morgan).
- One sample were submitted for rabies testing. The testing results have not been reported yet but untested bat from last week was confirmed positive. No samples were submitted for plague, tularemia or hantavirus.

West Nile Virus Disease Cases* and Presumptive Viremic Blood Donors by State – United States, 2021 (as of September 7, 2021)

State	Neuroinvasive Disease Cases†	Non-neuroinvasive Disease Cases	Total cases	Deaths	Presumptive viremic blood donors‡
Alabama	5	1	6	0	2
Arizona	35	14	49	2	9
Arkansas	1	0	1	1	0
California	10	9	19	2	4
Colorado	19	15	34	0	7
Georgia	1	0	1	0	0
Idaho	3	0	3	1	1
Illinois	1	1	2	0	0
Iowa	2	2	4	0	0
Kansas	1	0	1	0	1
Louisiana	4	1	5	0	1
Maryland	0	1	1	0	0
Massachusetts	3	0	3	0	0
Michigan	2	0	2	0	1
Minnesota	0	1	1	0	9
Missouri	1	0	1	0	0
Nebraska	6	6	12	0	6
New Jersey	1	0	1	1	0
New York	5	2	7	0	1
North Dakota	4	5	9	0	6
Ohio	3	1	4	0	0
Oklahoma	1	0	1	0	2
Oregon	1	0	1	0	0
Pennsylvania	0	1	1	0	0
South Carolina	1	2	3	0	3
South Dakota	9	7	16	0	1
Tennessee	1	1	2	0	0
Texas	12	2	14	2	24
Utah	4	2	6	0	0
Totals	136	74	210	9	78

Mosquito Activity

Week 35



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	0.95	5.03	0.00
Week 30	0.76	1.86	0.49
Week 31	1.53	2.56	0.37
Week 32	0.39	1.35	2.03
Week 33	0.00	0.59	0.59
Week 34	N/A	0.49	0.23
Week 35	Pending	Pending	Pending
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	9	0	0	15	0	24	2	0	0	0	0	2
Wk29	3	0	0	15	0	18	0	0	0	3	0	3
Wk30	2	0	0	15	0	17	0	0	0	4	0	4
Wk31	4	0	0	15	0	19	1	0	0	6	0	7
Wk32	9	1	1	15	0	26	1	0	0	8	0	9
Wk33	6	0	1	14	0	21	2	0	0	0	0	2
Wk34	3	0	0	17	0	20	3	0	0	11	0	14
Wk35	1	0	0	15	0	16						0
Wk36						0						0
Wk37						0						0
Wk38						0						0
Wk39						0						0
Wk40						0						0
TOTAL TO DATE	76	2	3	144	0	225	14	1	0	32	0	47

Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	37	0	0	0
Skunk	16	0	0	0
Raccoon	7	0	0	0
Squirrel	0	0	0	0
Cat	6	1	1	0
Flea	0	0	0	0
Dog	6	1	1	0
Fox	0	0	0	0
Prairie Dog	0	0	0	0
Rabbit	0	0	0	0
Other	4	0	0	0
TOTALS	76	2	2	0

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	6	0	0	0
Skunk	8	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	14	1	0	0

Testing by Disease

