

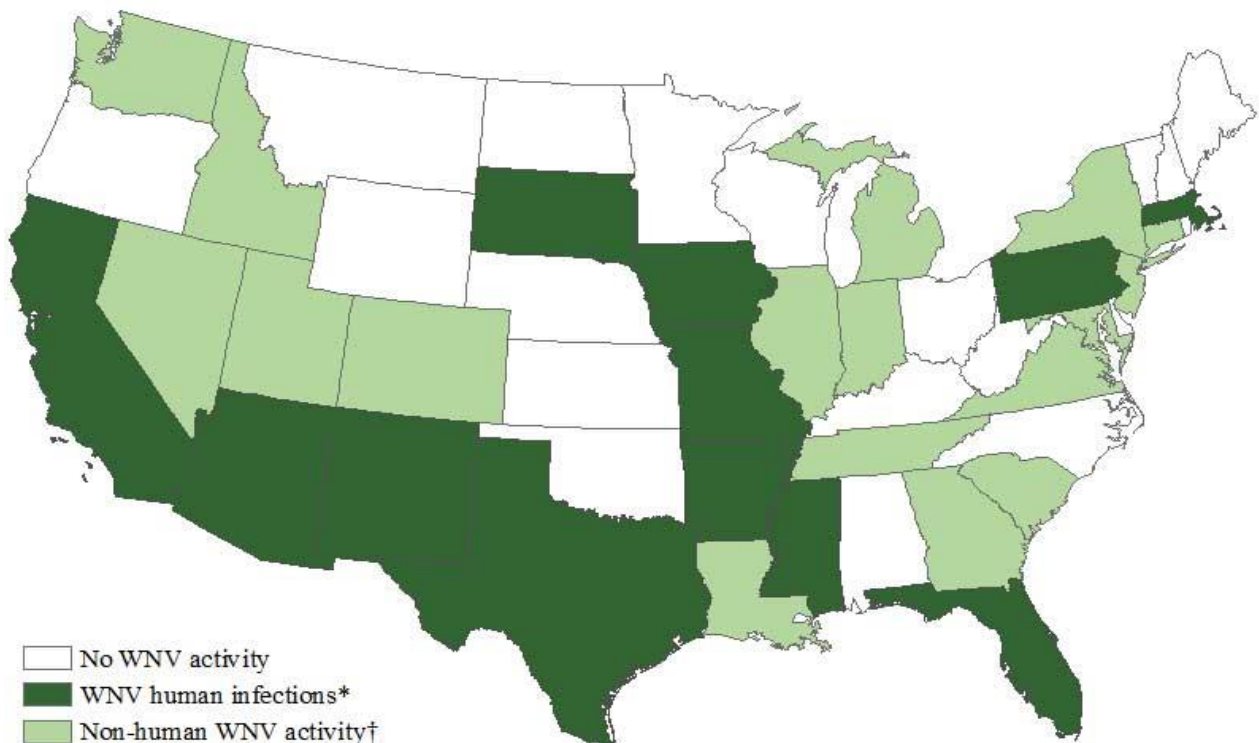


Zoonotic Disease Report August 9 – August 15, 2020 (Week 33)

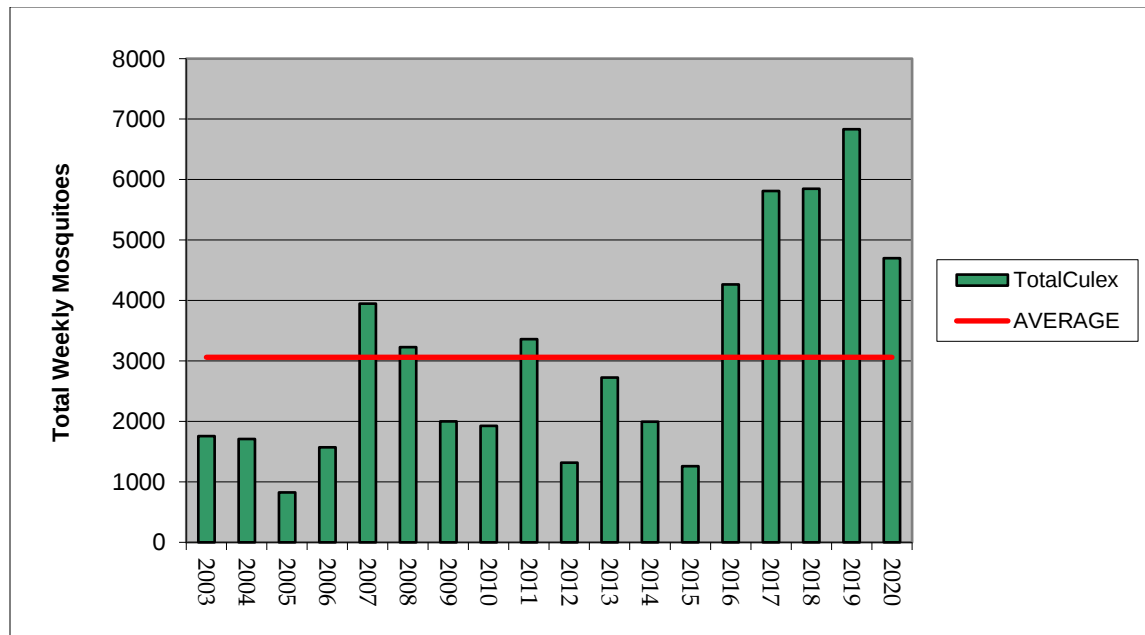
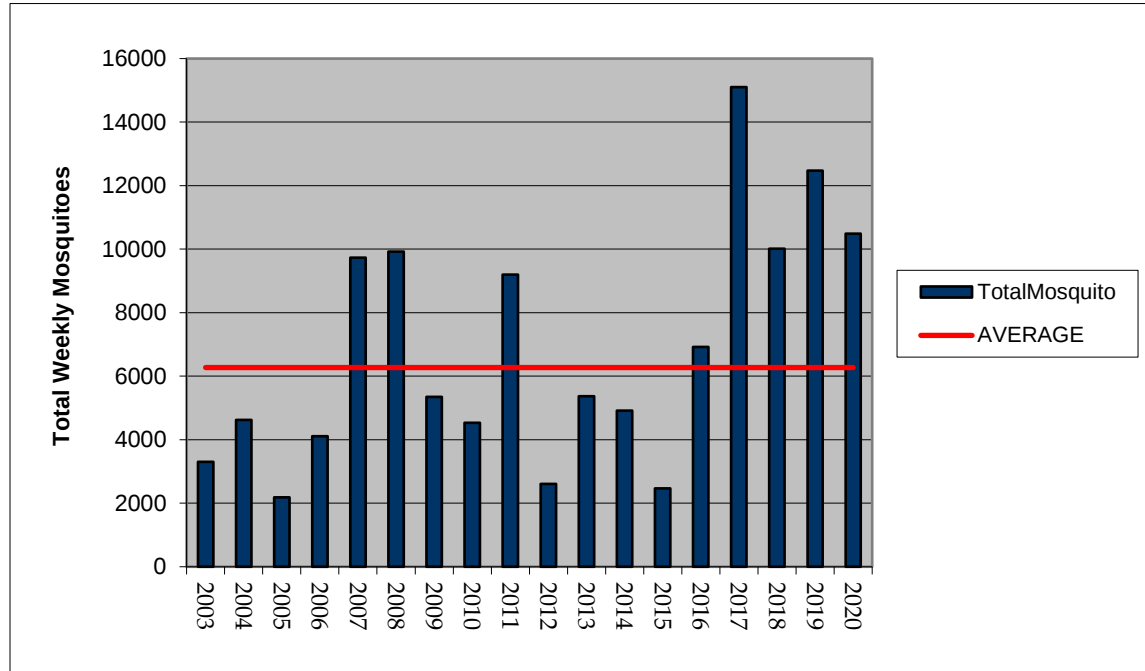
Executive Summary

- Boulder County has recorded two positive West Nile virus mosquito samples this year. The first sample was pooled from traps from Louisville and Superior and collected on 8/3/2020. The second sample was pooled from traps in Longmont and collected on 8/10/2020. Infection rates and vector index remain low, but residents should be reminded to protect themselves from mosquito bites.
- Positive West Nile virus mosquitoes have been identified from Boulder, Delta, Larimer, La Plata and Weld counties. One human case from Delta County has been recorded.
- Statewide, 66 specimens have tested positive for rabies in 2020. Boulder County reports five positives for the year.
- Four bats and two cats for were submitted for rabies testing. One bat sample was deemed untestable. The remaining samples were negative.
- No samples were submitted for plague, tularemia, or hantavirus.

West Nile Virus Activity by State – United States, 2020 (as of August 11, 2020)



Mosquito Activity



WEST NILE VIRUS VECTOR INDEX LOG			
	ZONE 1	ZONE 2	ZONE 3
Season Week	Vector Index	Vector Index	Vector Index
Week 26	----	----	----
Week 27	0.00	0.00	0.00
Week 28	0.00	0.00	0.00
Week 29	0.00	0.00	0.00
Week 30	0.00	0.00	0.00
Week 31	0.00	0.00	0.00
Week 32	0.00	0.00	0.21
Week 33	0.00	0.20	0.00
Week 34			
Week 35			
Week 36			
Week 37			
Week 38			
Week 39			
Week 40			

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 *	17	3	3	0	0	22	0	0	0	0	0	0
Wk21	2	0	0	0	0	2	2	0	0	0	0	2
Wk22	1	0	0	0	0	1	0	0	0	0	0	0
Wk23	2	0	0	0	0	2	0	0	0	0	0	0
Wk24	3	0	0	0	0	3	0	0	0	0	0	0
Wk25	5	0	0	0	0	5	1	0	0	0	0	1
Wk26	2	0	0	0	0	2	0	0	0	0	0	0
Wk27	2	0	0	8	0	10	0	0	0	0	0	0
Wk28	7	0	0	14	0	21	1	0	0	0	0	1
Wk29	11	0	0	16	0	27	1	0	0	0	0	1
Wk30	6	1	1	15	0	23	0	0	0	0	0	0
Wk31	6	0	0	10	0	16	0	0	0	0	0	0
Wk32*	6	0	0	12	0	18	0	0	0	1	0	1
Wk33*	6	0	0	16	0	22	0	0	0	1	0	1
Wk34												
Wk35												
Wk36												
Wk37												
Wk38												
Wk39												
Wk40												
TOTAL TO DATE	76	4	4	91	0	174	5	0	0	2	0	7

Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	53	0	0	0
Skunk	1	0	0	0
Raccoon	10	0	0	0
Squirrel	0	0	0	0
Cat	5	2	2	0
Flea	0	0	0	0
Dog	5	1	1	0
Fox	1	0	0	0
Prairie Dog	0	0	0	0
Rabbit	0	1	1	0
Other	1	0	0	0
TOTALS	76	4	4	0

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	4	0	0	0
Skunk	0	0	0	0
Raccoon	0	0	0	0
Squirrel	0	0	0	0
Cat	0	0	0	0
Flea	0	0	0	0
Dog	1	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	5	0	0	0

Testing by Disease

