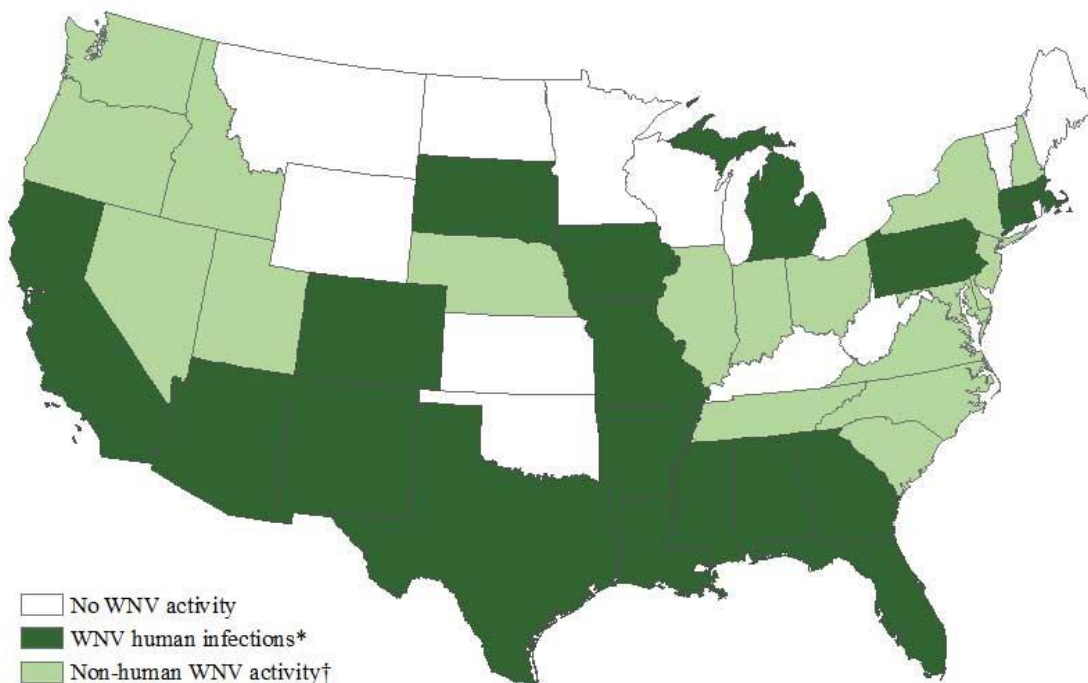


## Zoonotic Disease Report September 06 – September 12, 2020 (Week 37)

### Executive Summary

- CDPHE reports 13 human West Nile virus cases: Boulder (1), Delta (7), Denver (1), Jefferson (1), Larimer (3).
- Boulder County has recorded five positive West Nile virus mosquito samples this year. Mosquito traps were not set due to cold weather throughout the week.
- Positive West Nile virus mosquitoes have been identified from Adams (2), Boulder (5), Delta (15), Denver (1), Larimer (37), La Plata (1) and Weld (6) counties.
- Statewide, 76 specimens have tested positive for rabies in 2020; Bat (43), Skunk (27), Wildlife (2), Domestic (4). Boulder County reports seven positives for the year.
- Two bats were submitted for testing for rabies. Both specimens tested negative.
- No samples were submitted for plague, tularemia, or hantavirus.

### West Nile Virus Activity by State – United States, 2020 (as of September 9, 2020)



<b>WEST NILE VIRUS VECTOR INDEX LOG</b>			
	<b>ZONE 1</b>	<b>ZONE 2</b>	<b>ZONE 3</b>
<b>Season Week</b>	<b>Vector Index</b>	<b>Vector Index</b>	<b>Vector Index</b>
Week 26	----	----	----
Week 27	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Week 28	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Week 29	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Week 30	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Week 31	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Week 32	<b>0.00</b>	<b>0.00</b>	<b>0.21</b>
Week 33	<b>0.00</b>	<b>0.20</b>	<b>0.00</b>
Week 34	<b>0.00</b>	<b>0.20</b>	<b>0.21</b>
Week 35	<b>0.00</b>	<b>0.10</b>	<b>0.00</b>
Week 36	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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*	7	0	0	12	0	19	0	0	0	1	0	1
Wk33*	6	0	0	16	0	22	0	0	0	1	0	1
Wk34	8	0	0	10	0	18	1	0	0	2	0	3
Wk35*	9	0	0	9	0	18	1	0	0	1	0	2
Wk36*	1	0	0	4	0	5	0	0	0	0	0	0
Wk37	2	0	0	0	0	2	0	0	0	0	0	0
Wk38												
Wk39												
Wk40												
<b>TOTAL TO DATE</b>	<b>97</b>	<b>4</b>	<b>4</b>	<b>114</b>	<b>0</b>	<b>218</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>12</b>

## Submissions and Results by Species

SEASON-TO-DATE DISEASE TESTING BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	72	0	0	0
Skunk	1	0	0	0
Raccoon	10	0	0	0
Squirrel	0	0	0	0
Cat	6	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	2	0	0	0
<b>TOTALS</b>	<b>97</b>	<b>4</b>	<b>4</b>	<b>0</b>

SEASON-TO-DATE DISEASE POSITIVES BY SPECIES				
<i>Species</i>	Rabies	Plague	Tularemia	Hanta
Bat	6	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
<b>TOTALS</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>