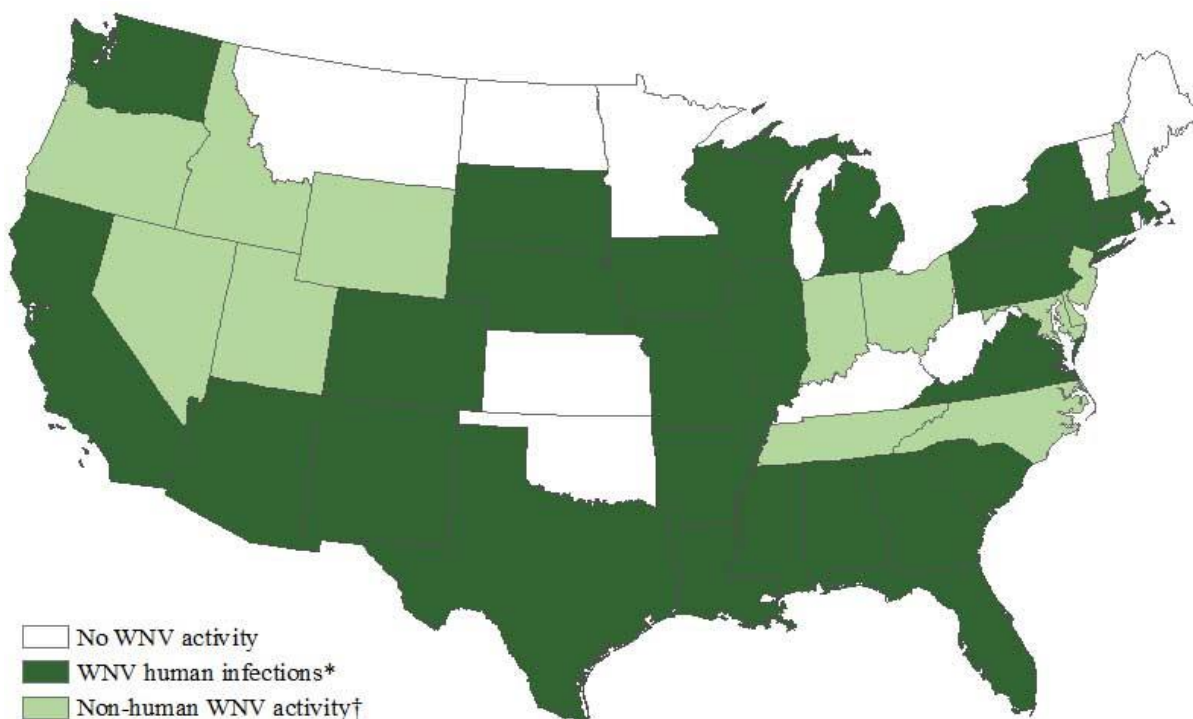


Zoonotic Disease Report September 13 – September 19, 2020 (Week 38)

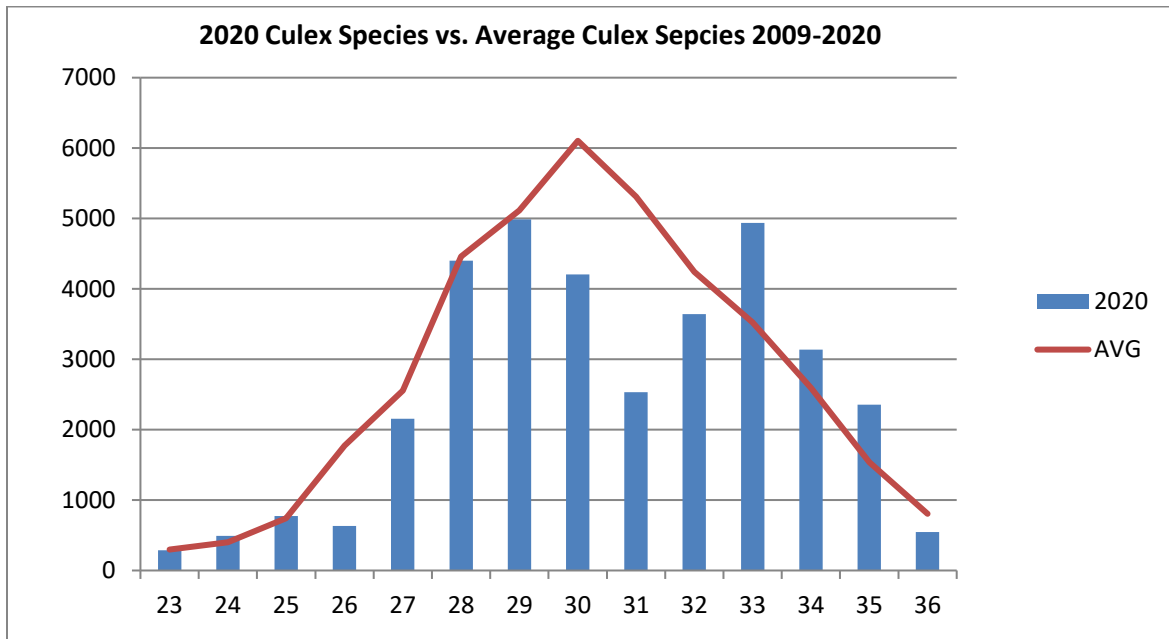
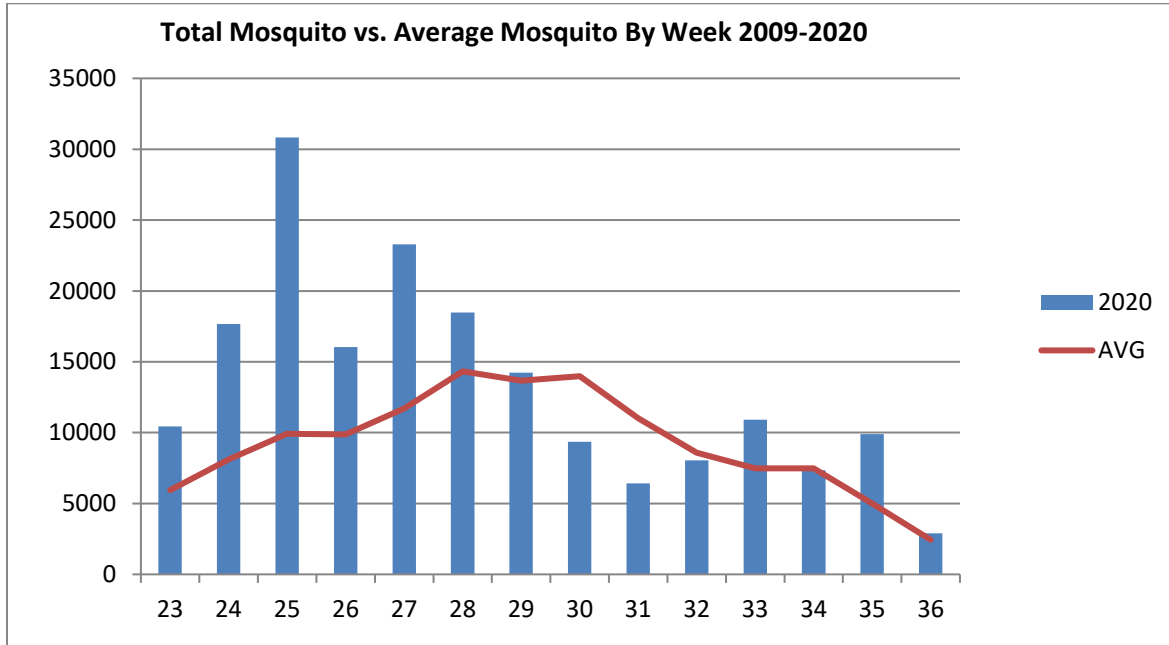
Executive Summary

- CDPHE reports 20 human West Nile virus cases: Boulder (2), Broomfield (1), Delta (10), Denver (3), Jefferson (1), Larimer (3).
- Boulder County recorded five positive West Nile virus mosquito samples this year.
- 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.
- All mosquito control operations have ceased for the season.
- Statewide, 79 specimens have tested positive for rabies in 2020; Bat (46), Skunk (27), Wildlife (2), Domestic (4). Boulder County reports seven positives for the year.
- One prairie dog was submitted for rabies testing, testing negative.
- One dog was submitted for plague and tularemia testing, testing negative.

West Nile Virus Activity by State – United States, 2020 (as of September 22, 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 | 0.00 | 0.20 | 0.21 |
| Week 35 | 0.00 | 0.10 | 0.00 |
| Week 36 | 0.00 | 0.00 | 0.00 |
| 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 | 1 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wk39 | | | | | | | | | | | | |
| Wk40 | | | | | | | | | | | | |
| TOTAL TO DATE | 98 | 5 | 5 | 114 | 0 | 221 | 7 | 0 | 0 | 5 | 0 | 12 |

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 | 2 | 2 | 0 |
| Fox | 1 | 0 | 0 | 0 |
| Prairie Dog | 1 | 0 | 0 | 0 |
| Rabbit | 0 | 1 | 1 | 0 |
| Other | 2 | 0 | 0 | 0 |
| TOTALS | 98 | 5 | 5 | 0 |

| 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 |
| TOTALS | 7 | 0 | 0 | 0 |

**Zoonotic Testing Efforts by Disease
Week 38**

