



## Zoonotic Disease Report June 23 – June 29, 2019 (Week 26)

### Executive Summary

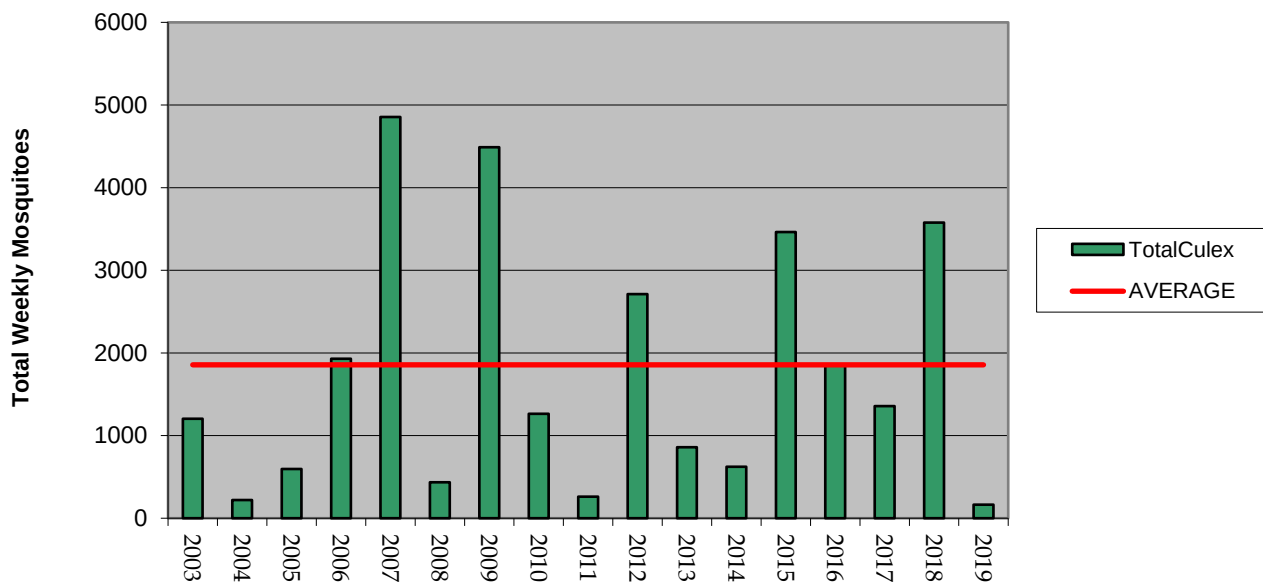
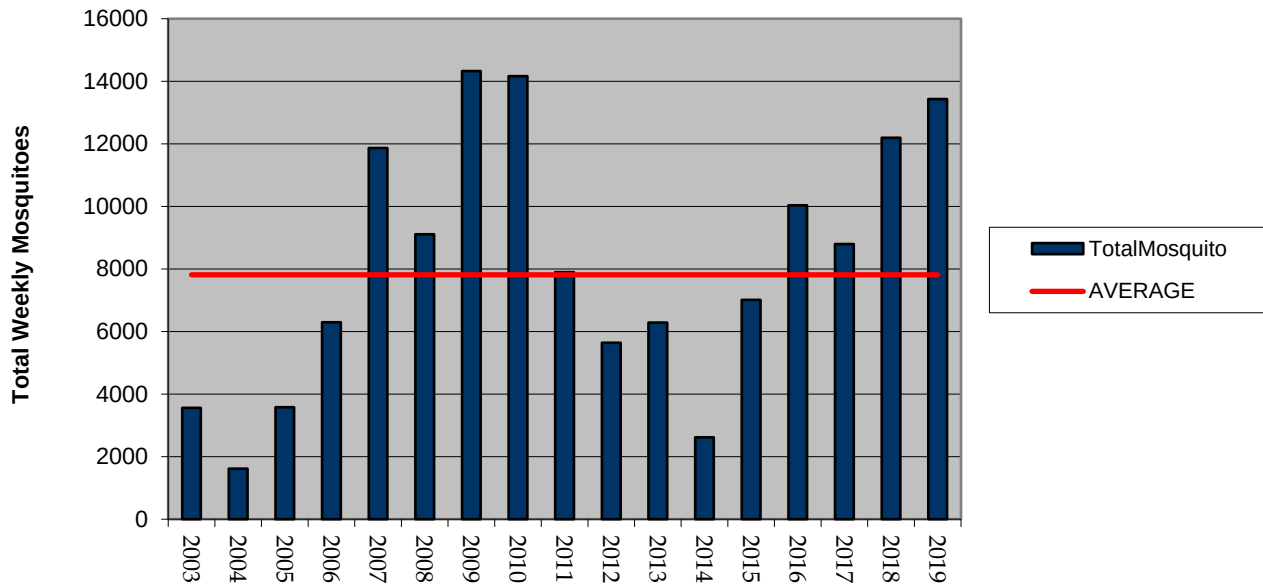
- Statewide, 91 specimens have tested positive for rabies in 2019; one skunk tested positive in Jefferson county this week.
- 2019 Colorado rabies positive specimens: Skunk(75) Bat(11) Raccoon(2) Fox(1) Bovine(1) Dog(1)
- Boulder County has had only two positive rabies specimens to date, both are bats.
- No new specimens were submitted for testing in Boulder County this week.
- Three mosquito pools were tested for WNV, all were negative.
- Mosquito traps this week were again higher than average with nuisance species; of the 13,430 recorded mosquitoes, only 1.2% were *Culex*.

Lab-confirmed, rabies positive animals by county, Colorado, Jan. 1 - June 27, 2019

\*red denotes an increase since the previous week

| County       | Bat       | Skunk     | Other wildlife | Domestic   | Total     |
|--------------|-----------|-----------|----------------|------------|-----------|
| Adams        |           | 1         |                |            | 1         |
| Arapahoe     |           | 1         |                |            | 1         |
| Boulder      | 2         |           |                |            | 2         |
| Denver       | 2         | 1         | 1 (raccoon)    |            | 4         |
| Douglas      |           | 3         |                |            | 3         |
| El Paso      |           | 7         | 1 (fox)        | 1 (dog)    | 9         |
| Jefferson    | 1         | 3         |                |            | 4         |
| Kit Carson   |           | 1         |                |            | 1         |
| Larimer      | 3         | 33        |                | 1 (bovine) | 37        |
| Las Animas   |           | 2         |                |            | 2         |
| Lincoln      |           | 1         |                |            | 1         |
| Logan        |           | 1         |                |            | 1         |
| Morgan       |           | 1         |                |            | 1         |
| Otero        |           | 1         |                |            | 1         |
| Pueblo       |           | 14        |                |            | 14        |
| Weld         | 3         | 4         | 1 (raccoon)    |            | 8         |
| Yuma         |           | 1         |                |            | 1         |
| <b>Total</b> | <b>11</b> | <b>75</b> | <b>3</b>       | <b>2</b>   | <b>91</b> |

## Mosquito Activity



## 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           | 18     | 2      | 2         | 0         | 0           | 22    | 1                | 0       | 0          | 0          | 0            | 1     |
| Wk21              | 1      | 0      | 0         | 0         | 0           | 1     | 0                | 0       | 0          | 0          | 0            | 0     |
| Wk22              | 2      | 0      | 0         | 0         | 0           | 2     | 1                | 0       | 0          | 0          | 0            | 1     |
| Wk23              | 5      | 0      | 0         | 0         | 0           | 5     | 0                | 0       | 0          | 0          | 0            | 0     |
| Wk24              | 4      | 0      | 0         | 3         | 0           | 7     | 0                | 0       | 0          | 0          | 0            | 0     |
| Wk25              | 4      | 0      | 0         | 3         | 0           | 7     | 0                | 0       | 0          | 0          | 0            | 0     |
| Wk26              | 0      | 0      | 0         | 3         | 0           | 3     | 0                | 0       | 0          | 0          | 0            | 0     |
| Wk27              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk28              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk29              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk30              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk31              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk32              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk33              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk34              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk35              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk36              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk37              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk38              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk39              |        |        |           |           |             |       |                  |         |            |            |              |       |
| Wk40              |        |        |           |           |             |       |                  |         |            |            |              |       |
| TOTAL TO DATE     | 34     | 2      | 2         | 9         | 0           | 47    | 2                | 0       | 0          | 0          | 0            | 2     |

## Submissions and Results by Species

| SEASON-TO-DATE DISEASE TESTING BY SPECIES |           |          |           |          |
|-------------------------------------------|-----------|----------|-----------|----------|
| <i>Species</i>                            | Rabies    | Plague   | Tularemia | Hanta    |
| Bat                                       | 15        | 0        | 0         | 0        |
| Skunk                                     | 2         | 0        | 0         | 0        |
| Raccoon                                   | 6         | 0        | 0         | 0        |
| Squirrel                                  | 0         | 0        | 0         | 0        |
| Cat                                       | 4         | 1        | 1         | 0        |
| Flea                                      | 0         | 0        | 0         | 0        |
| Dog                                       | 5         | 1        | 1         | 0        |
| Fox                                       | 0         | 0        | 0         | 0        |
| Prairie Dog                               | 0         | 0        | 0         | 0        |
| Rabbit                                    | 0         | 0        | 0         | 0        |
| Other                                     | 2         | 0        | 0         | 0        |
| <b>TOTALS</b>                             | <b>34</b> | <b>2</b> | <b>2</b>  | <b>0</b> |

| SEASON-TO-DATE DISEASE POSITIVES BY SPECIES |          |          |           |          |
|---------------------------------------------|----------|----------|-----------|----------|
| <i>Species</i>                              | Rabies   | Plague   | Tularemia | Hanta    |
| Bat                                         | 2        | 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                                         | 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        |
| <b>TOTALS</b>                               | <b>2</b> | <b>0</b> | <b>0</b>  | <b>0</b> |

## Testing by Disease

