



**2020 DSHS Arbovirus Activity Report  
Week #17 (ending April 25, 2020)  
Report Date: April 28, 2020**

**Table 1. 2020 Arbovirus Activity Summary, Texas, Week 17**

| Arbovirus                         | Positive Mosquito Pools | Avian    | Equine   | Sentinel Chicken | Human           |                    |               |               |          |                  | TOTAL     |
|-----------------------------------|-------------------------|----------|----------|------------------|-----------------|--------------------|---------------|---------------|----------|------------------|-----------|
|                                   |                         |          |          |                  | Febrile Illness | Neurologic Illness | Severe Dengue | TOTAL (HUMAN) | Deaths   | PVD <sup>2</sup> |           |
| California Serogroup <sup>1</sup> |                         |          |          |                  |                 |                    |               | 0             |          |                  | 0         |
| Chikungunya                       |                         |          |          |                  | 1               |                    |               | 1             |          |                  | 1         |
| Dengue                            |                         |          |          |                  | 7               |                    |               | 7             |          |                  | 7         |
| Eastern Equine Encephalitis       |                         |          |          |                  |                 |                    |               | 0             |          |                  | 0         |
| St. Louis Encephalitis            |                         |          |          |                  |                 |                    |               | 0             |          |                  | 0         |
| West Nile                         | 2                       |          |          |                  |                 |                    |               | 0             |          |                  | 2         |
| Zika                              |                         |          |          |                  |                 |                    |               | 0             |          |                  | 0         |
| <b>TOTAL REPORTS</b>              | <b>2</b>                | <b>0</b> | <b>0</b> | <b>0</b>         | <b>8</b>        | <b>0</b>           | <b>0</b>      | <b>8</b>      | <b>0</b> | <b>0</b>         | <b>10</b> |

<sup>1</sup>California Serogroup includes California encephalitis, Jamestown Canyon, Keystone, La Crosse, snowshoe hare, and trivittatus viruses.

<sup>2</sup>PVD - Presumptive viremic blood donors are people who had no symptoms at the time of donating blood through a blood collection agency, but whose blood tested positive when screened for the presence of West Nile virus or Zika virus. Unless they meet the case reporting criteria, they are not counted as a case for official reporting purposes and are not included in the "Total" column.

Note: Human mortality from arboviral conditions is aggregated and reported monthly once documentation has been received and verified.

For more detailed information about West Nile virus, including past weekly and annual reports, please visit

<http://www.dshs.texas.gov/idcu/disease/arboviral/westNile/>

For more detailed information about Zika, please visit <http://www.texaszika.org/>

**Table 2. 2020 Aedes-Associated Arbovirus Activity by County†, Week 17**

| County                         | CHIKV* |   | DENV* |   | ZIKV* |   |      | COUNTY TOTAL |
|--------------------------------|--------|---|-------|---|-------|---|------|--------------|
|                                | M      | H | M     | H | M     | H | PVD‡ |              |
| Bastrop                        |        |   |       | 1 |       |   |      | 1            |
| Collin                         |        |   |       | 1 |       |   |      | 1            |
| Ector                          |        |   |       | 1 |       |   |      | 1            |
| Fort Bend                      |        |   |       | 1 |       |   |      | 1            |
| Harris                         |        |   |       | 2 |       |   |      | 2            |
| Hays                           |        |   |       | 1 |       |   |      | 1            |
| <b>Total Number of Reports</b> | 0      | 1 | 0     | 7 | 0     | 0 | 0    | 8            |

M - mosquito H- human

CHIKV - Chikungunya Virus

DENV - Dengue Virus

ZIKV - Zika Virus

\* All reported cases are imported.

†County level data is not reported for conditions with <5 cases reported in a year.

‡PVDs are not included in the "County Total" column.

**Table 3. 2020 Other Arbovirus Activity by County†, Week 17**

| County                  | CAL |   | EEEV |   |    |   | SLEV |    |   | WNV |   |   |    |     |      |      |       | COUNTY TOTAL |
|-------------------------|-----|---|------|---|----|---|------|----|---|-----|---|---|----|-----|------|------|-------|--------------|
|                         | M   | H | M    | E | SC | H | M    | SC | H | M   | A | E | SC | H   |      |      |       |              |
|                         |     |   |      |   |    |   |      |    |   |     |   |   |    | WNF | WNND | PVD‡ | TOTAL |              |
| Dallas                  |     |   |      |   |    |   |      |    |   | 1   |   |   |    |     |      |      | 0     | 1            |
| Tarrant                 |     |   |      |   |    |   |      |    |   | 1   |   |   |    |     |      |      | 0     | 1            |
| Total Number of Reports | 0   | 0 | 0    | 0 | 0  | 0 | 0    | 0  | 0 | 2   | 0 | 0 | 0  | 0   | 0    | 0    | 0     | 2            |

M - mosquito A-avian E-equine SC- sentinel chicken H- human WNF - West Nile Fever WNND - West Nile Neuroinvasive Disease

CAL - California Serogroup Viruses

EEEV - Eastern Equine Encephalitis Virus

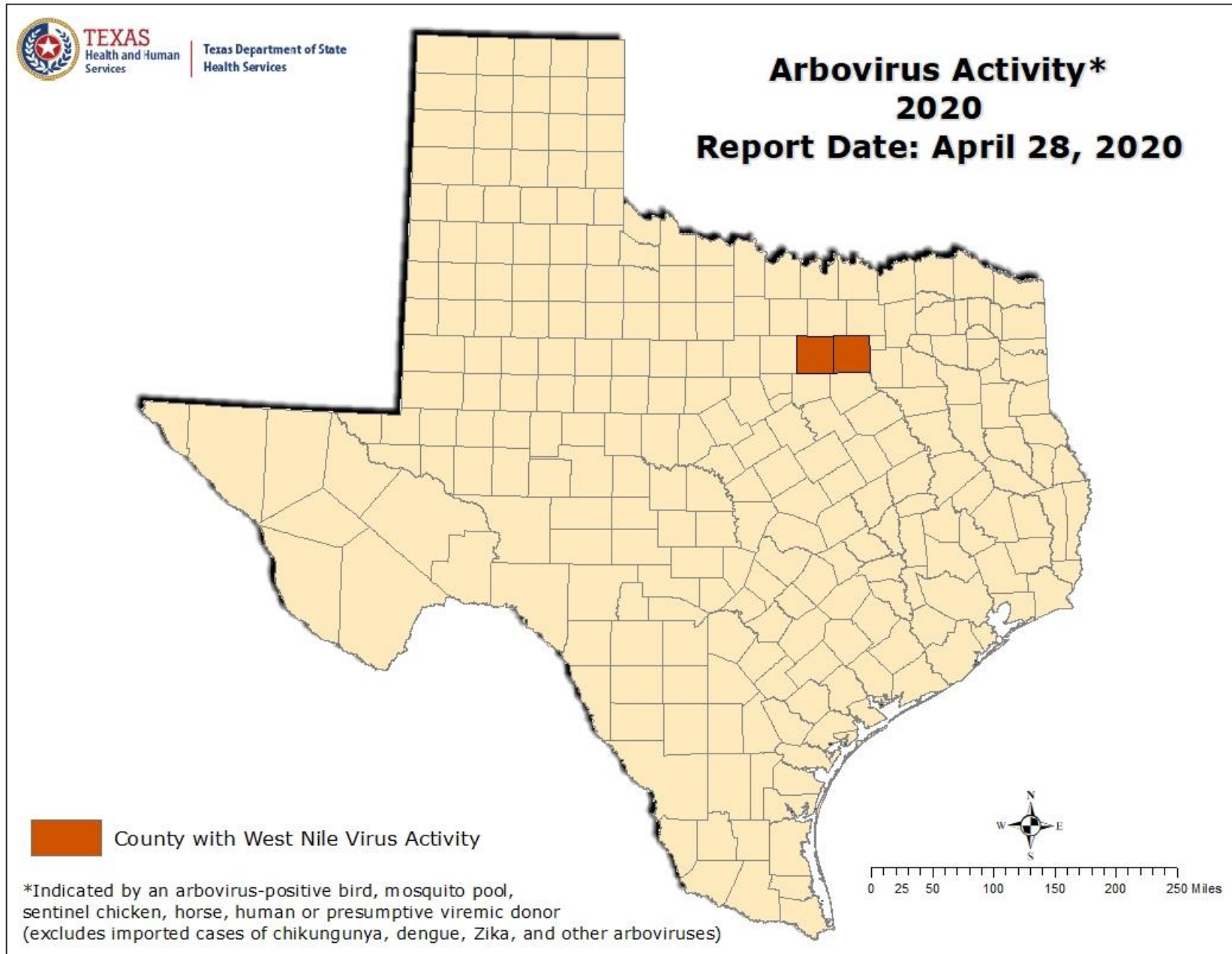
SLEV - St. Louis Encephalitis Virus

WNV - West Nile Virus

†County level data is not reported for conditions with <5 cases reported in a year.

‡PVDs are not included in any of the "total" columns.

Figure 1. Texas Counties Reporting Arbovirus Activity, Week 17



**Figure 2. WNV-Positive Mosquito Pools Reported in Texas, by MMWR Week of Collection, 2018-2020, Week 17**

