



**2017 DSHS Arbovirus Activity Report
Week #24 (ending June 16, 2017)
Report Date: June 20, 2017**

Table 1. 2017 Arbovirus Activity Summary, Texas, Weeks 1-24

| Disease | Positive Mosquito Pools | Avian | Equine | Sentinel Chicken | Human | | | | | | TOTAL |
|-----------------------------------|-------------------------|----------|----------|------------------|-----------------|--------------------|---------------|---------------|----------|------------------|-----------|
| | | | | | Febrile Illness | Neurologic Illness | Severe Dengue | TOTAL (HUMAN) | Deaths | PVD ² | |
| California Serogroup ¹ | | | | | | | | 0 | | | 0 |
| Chikungunya | | | | | 1 | | | 1 | | | 1 |
| Dengue | | | | | 2 | | | 2 | | | 2 |
| Eastern Equine Encephalitis | | | | 3 | | | | 0 | | | 3 |
| St. Louis Encephalitis | | | | | | | | 0 | | | 0 |
| West Nile | 47 | | | | 3 | 2 | | 5 | | | 52 |
| Zika ³ | | | | | | | | | | 1 | 0 |
| TOTAL REPORTS | 47 | 0 | 0 | 3 | 6 | 2 | 0 | 8 | 0 | 0 | 58 |

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

²PVD - 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.

³For weekly case counts and additional information related to Zika virus, please visit www.texaszika.org.

Table 2. 2017 Arbovirus Activity by County, Weeks 1-24

| County | CAL | | CHIKV* | | DENV* | | EEEV | | | | SLEV | | | WNV | | | | | | | | COUNTY TOTAL | |
|-------------------------|-----|---|--------|---|-------|---|------|---|----|---|------|----|---|-----|---|---|----|-----|------|------|-------|--------------|----|
| | M | H | M | H | M | H | M | E | SC | H | M | SC | H | M | A | E | SC | H | | | | | |
| | | | | | | | | | | | | | | | | | | WNF | WNND | PVD‡ | TOTAL | | |
| Bexar | | | | 1 | | | | | | | | | | | | | | | | | 0 | 1 | |
| Brazoria | | | | | | | | | | | | | | 1 | | | | | | | | 0 | 1 |
| Cooke | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Dallas | | | | | | 1 | | | | | | | | 32 | | | | | | | | 0 | 33 |
| Denton | | | | | | | | | | | | | | 2 | | | | | | | | 0 | 2 |
| El Paso | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Galveston | | | | | | | | | | | | | | | | | | | | | | 0 | 3 |
| Harris | | | | | | | | | | | | | | 1 | | | | | | | | 0 | 1 |
| Johnson | | | | | | | | | | | | | | 1 | | | | | | | | 0 | 1 |
| Montgomery | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Nueces | | | | | | | | | | | | | | 1 | | | | | | | | 0 | 1 |
| Panola | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Tarrant | | | | | | | | | | | | | | 9 | | | | | | | | 0 | 9 |
| Travis | | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| Van Zandt | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Total Number of Reports | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 5 | 58 |

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

CAL - California Serogroup Viruses

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - St. Louis Encephalitis Virus

WNV - West Nile Virus

*All reported cases are imported.

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

Figure 1. Texas Counties Reporting any Arbovirus Activity, Weeks 1-24

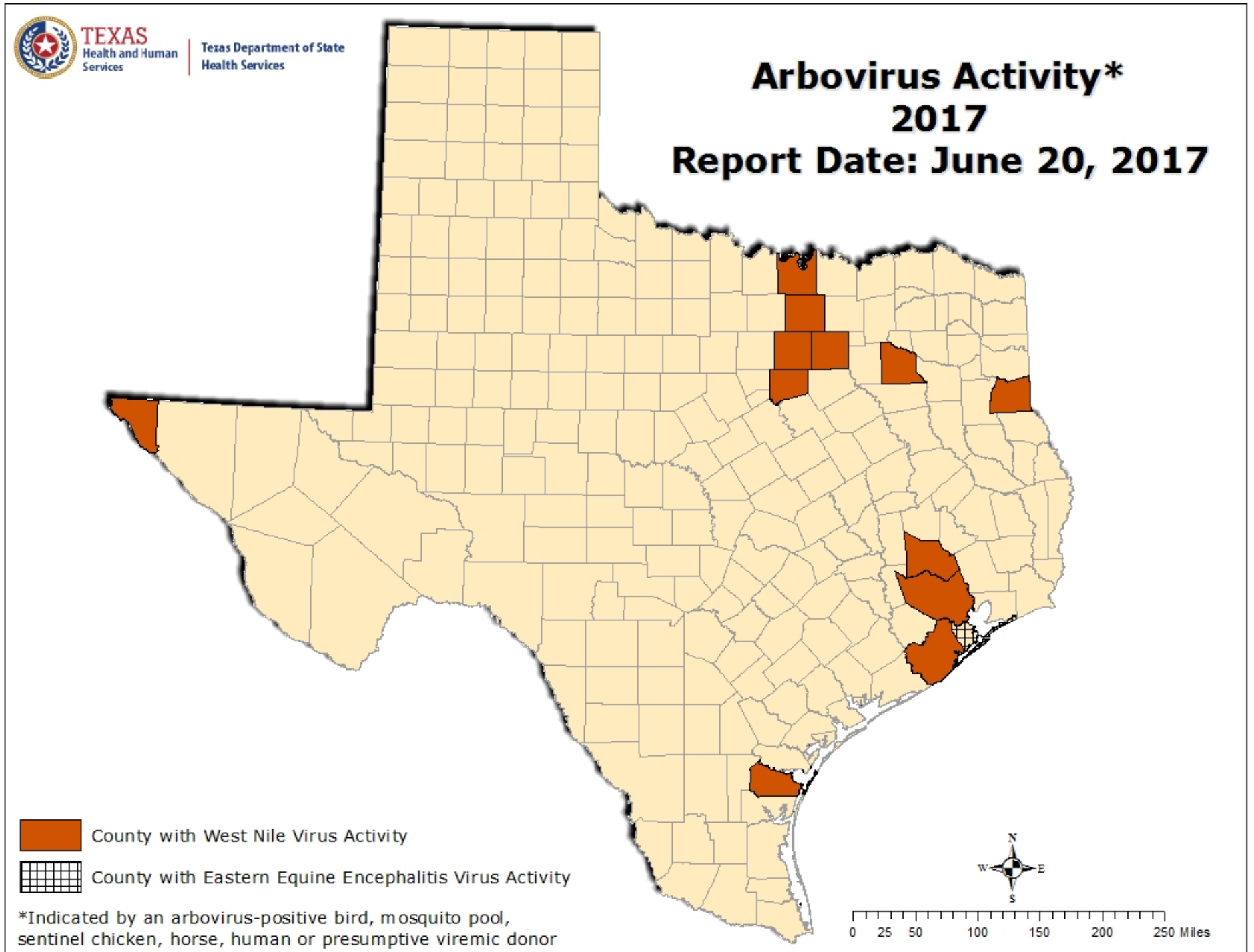


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2015-2017

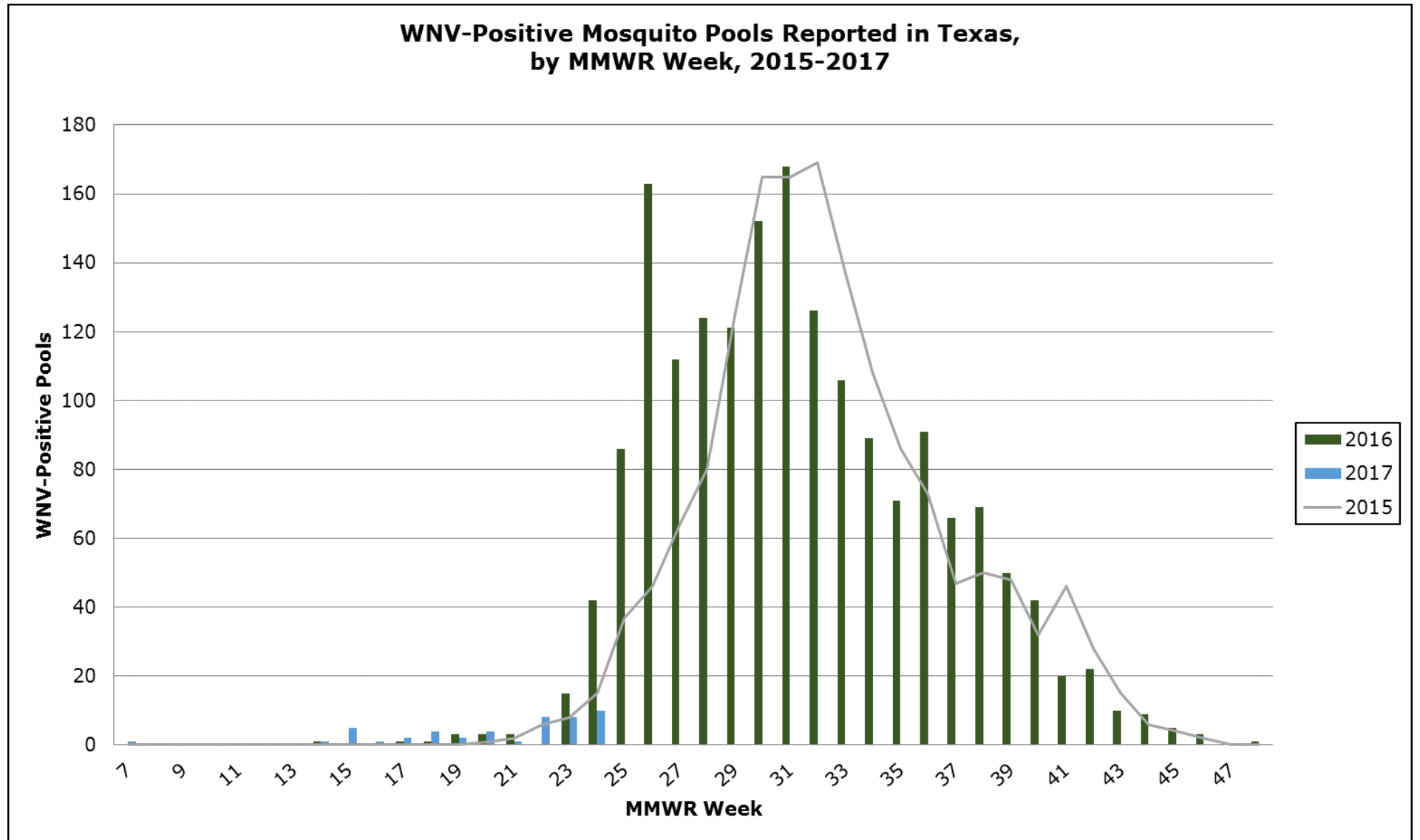


Figure 3. Epidemiologic Curve of Human WNV Activity, 2015-2017

