



2016 DSHS Arbovirus Activity Report
Week #28 (ending July 16, 2016)
Report Date: July 19, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-28

| Disease | Positive Mosquito Pools | Avian | Equine | Sentinel Chicken | Human | | | | | | TOTAL |
|-----------------------------------|-------------------------|----------|----------|------------------|-----------------|--------------------|---------------|---------------|----------|------------------|------------|
| | | | | | Febrile Illness | Neurologic Illness | Severe Dengue | TOTAL (HUMAN) | Deaths | PVD ² | |
| California Serogroup ¹ | 2 | | | | | | | | | | 2 |
| Chikungunya | | | | | 4 | | | 4 | | | 4 |
| Dengue | | | | | 13 | | 1 | 14 | | | 14 |
| Eastern Equine Encephalitis | | | | 21 | | | | | | | 21 |
| St. Louis Encephalitis | | | | 2 | | | | | | | 2 |
| West Nile | 330 | | 2 | | 2 | 5 | | 7 | | 3 | 339 |
| Zika ³ | | | | | | | | | | | |
| TOTAL REPORTS | 332 | 0 | 2 | 23 | 19 | 5 | 1 | 25 | 0 | 3 | 382 |

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 daily case counts and additional information related to Zika virus in humans, please visit www.texaszika.org.

Table 2. 2016 Arbovirus Activity by County, Weeks 1-28

| 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 | |
| Bell | | | | 1 | | | | | | | | | | | | | | | 1 | | 1 | 2 |
| Brazoria | | | | | | | | | | | | | | 2 | | | | | | | | 2 |
| Brazos | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Burnet | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| Collin | | | | | | 2 | | | | | | | | 6 | | | | | | | | 8 |
| Dallas | | | | | | 3 | | | | | | | | 102 | | | | | 1 | | 1 | 106 |
| Denton | 2 | | | | | | | | | | | | | 25 | | | | | 1 | 1 | 1 | 28 |
| Ector | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| El Paso | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Ellis | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| Erath | | | | | | | | | | | | | | | | 1 | | | | | | 1 |
| Fort Bend | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| Galveston | | | | 1 | | 1 | | | 21 | | | | 2 | | | | | | | | | 25 |
| Grayson | | | | | | | | | | | | | | 4 | | | | | | | | 4 |
| Harris | | | | | | 2 | | | | | | | | 17 | | | | | | 1 | | 19 |
| Hunt | | | | | | | | | | | | | | 4 | | | | | | | | 4 |
| Johnson | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| Limestone | | | | | | | | | | | | | | | | 1 | | | | | | 1 |
| McLennan | | | | | | 1 | | | | | | | | | | | | 1 | | | 1 | 2 |
| Nueces | | | | | | 1 | | | | | | | | 4 | | | | | | | | 5 |
| Red River | | | | | | | | | | | | | | | | | | | | 1 | | 0 |
| Rockwall | | | | | | | | | | | | | | 3 | | | | | | | | 3 |
| Tarrant | | | | | | | | | | | | | | 157 | | | | | 1 | | 1 | 158 |

| 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 | |
| Travis | | | | 1 | | 2 | | | | | | | | 1 | | | | | | | | 4 |
| Webb | | | | | | | | | | | | | | 2 | | | | | | | | 2 |
| Williamson | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| Total Number of Reports | 2 | 0 | 0 | 4 | 0 | 14 | 0 | 0 | 21 | 0 | 0 | 2 | 0 | 330 | 0 | 2 | 0 | 2 | 5 | 3 | 7 | 382 |

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 1-28

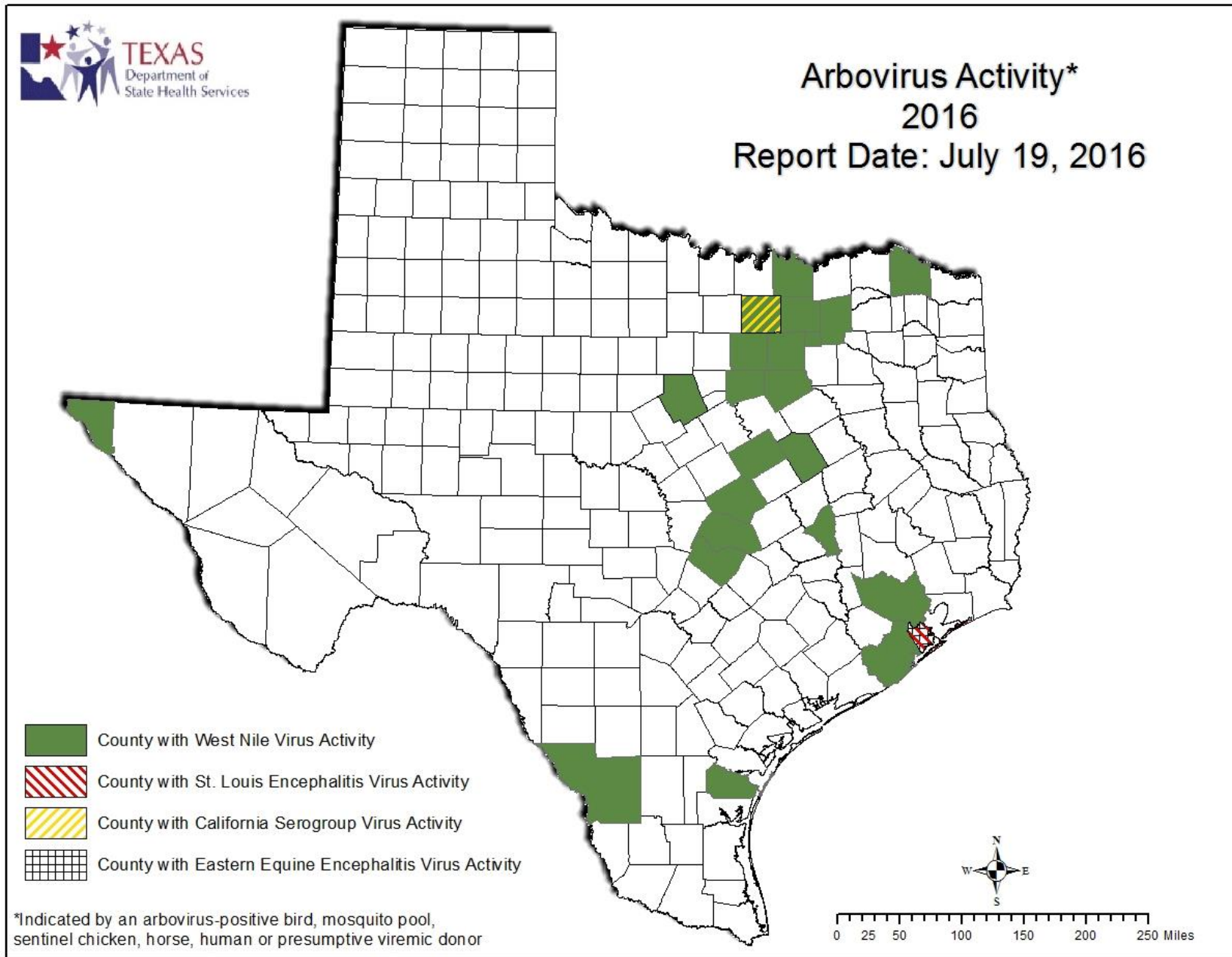


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

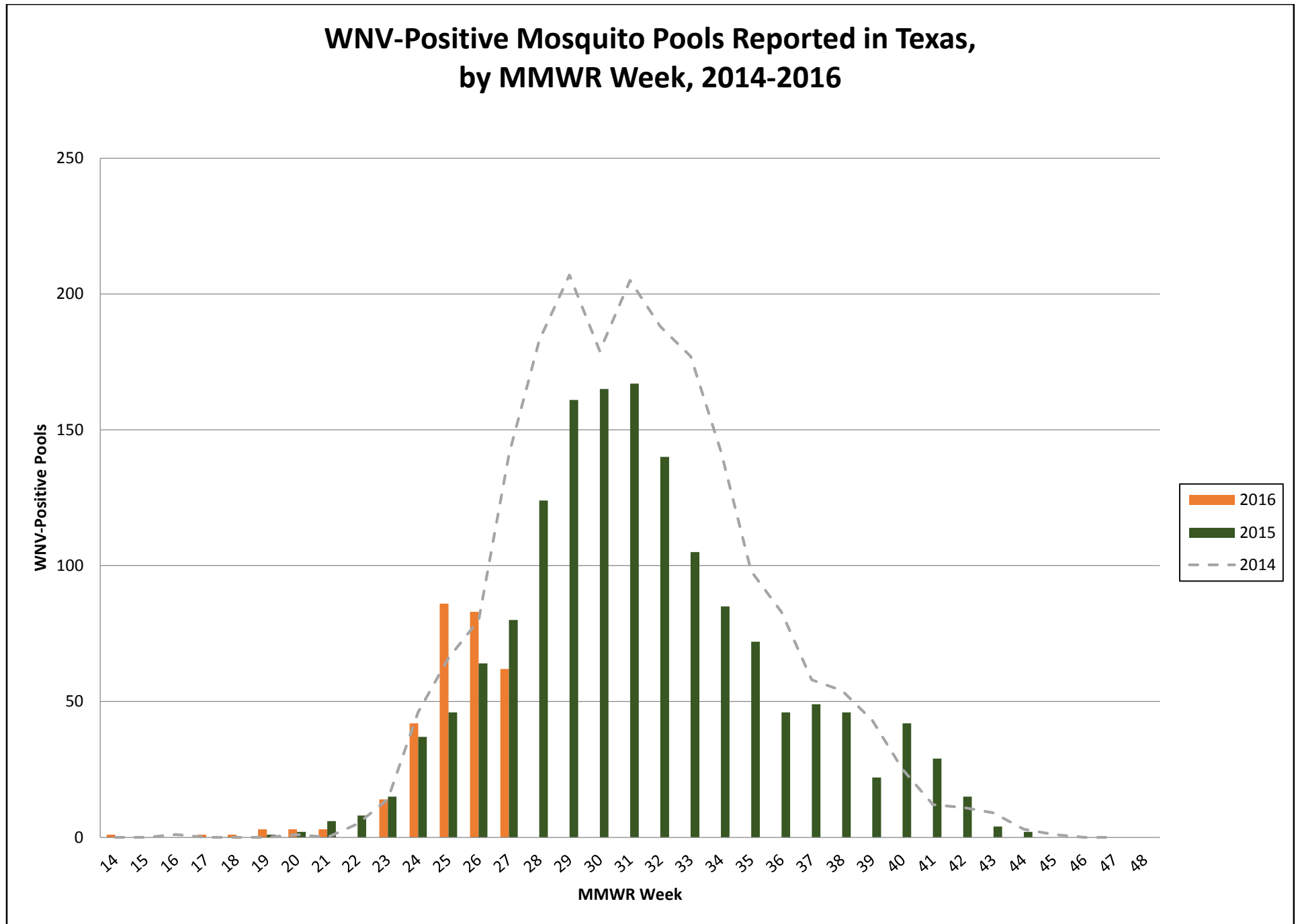


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

