

DSHS Arbovirus Activity Report Week #34 (ending August 22, 2014) Report Date: August 26, 2014

Table 1. Arbovirus Activity Summary, Texas, Weeks 1-34

| | | Mosquit | | | Human | | | | | | | | | | |
|------------------|------------------------|--------------------------------|------------------------------|-------|--------|-------|---------------|----------------------|------------------|--------|------|-------|--|--|--|
| Virus | DSHS Lab Reports | Non- DSHS Lab Reports | TOTAL (MOSQUITO POOLS) | Avian | Equine | Fever | Neuroinvasive | Hemorrhagic Fever | TOTAL (HUMAN) | Deaths | PVD‡ | TOTAL | | | |
| CHIKV* | | | | | | 14 | | | 14 | | | 14 | | | |
| DENV* | | | | | | 7 | | | 7 | | | 7 | | | |
| EEEV | | | | | 1 | | | | | | | 1 | | | |
| SLEV | 3 | 1 | 4 | | | | | | | | | 4 | | | |
| WNV | 204 | 1109 | 1313 | 62 | 1 | 16 | 25 | | 41 | 1 | 25 | 1417 | | | |
| TOTAL REPORTS | 207 | 1110 | 1317 | 62 | 2 | 37 | 25 | 0 | 62 | 1 | | 1443 | | | |

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

*All reported cases are imported.

[‡]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. 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 reports" column.

Table 2. Arbovirus Activity by County, Weeks 1-34

| | CHIKV* | | DENV* | | EEEV | | | SL | .EV | | | COUNTY | | | | | |
|-----------|--------|---|-------|---|------|---|---|-----|-----|------|----|--------|-----|------|------|-------|---------|
| County | м | н | м | н | м | E | н | м | Н | М | А | E | Н | | | | TOTAL** |
| | IVI | | IVI | п | 171 | | | IVI | | 111 | | | WNF | WNND | PVD‡ | TOTAL | |
| Angelina | | | | | | | | | | | | | | | 1 | | |
| Bell | | | | | | | | | | | | | | | 1 | | |
| Bexar | | 1 | | | | | | | | | | | | | | | 1 |
| Bowie | | | | | | | | | | | | | | | 1 | | |
| Brazoria | | 1 | | | | | | | | 7 | | | 2 | | | 2 | 10 |
| Brazos | | | | | | | | | | 4 | | | | | | | 4 |
| Cass | | | | | | 1 | | | | | | | | | | | 1 |
| Collin | | 1 | | | | | | | | | | | | | | | 1 |
| Crosby | | | | | | | | | | | | | | | 1 | | |
| Dallas | | 1 | | | | | | | | 37 | | | 4 | 1 | | 5 | 43 |
| Denton | | | | | | | | | | 5 | | | | | | | 5 |
| El Paso | | | | 1 | | | | 2 | | 1 | | | 1 | 1 | | 2 | 6 |
| Ellis | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Fort Bend | | | | | | | | | | 2 | | | | | | | 2 |
| Freestone | | | | 1 | | | | | | | | | | | | | 1 |
| Galveston | | | | 1 | | | | | | 1 | | | | 1 | 1 | 1 | 3 |
| Gonzales | | 1 | | | | | | | | | | | | | | | 1 |
| Hardin | | | | | | | | | | | | | | | 1 | | |
| Harris | | 3 | | 1 | | | | 1 | | 1015 | 62 | | 3 | 5 | 12 | 8 | 1090 |
| Hidalgo | | | | | | | | | | | | | | | 1 | | |
| Jefferson | | | | | | | | 1 | | | | | | | | | 1 |
| Leon | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Liberty | | | | | | | | | | | | | | 2 | | 2 | 2 |
| Lubbock | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Madison | | | | | | | | | | | | 1 | | | | | 1 |
| Midland | | 1 | | | | | | | | | | | | | | | 1 |

| County | CHIKV* | | DENV* | | EEEV | | | SLEV | | | | | | | | | |
|-------------------------------|--------|----|-------|---|------|---|---|------|---|------|----|---|-----|------|-------------------|-------|------|
| | | Н | | Н | М | E | Н | М | Н | М | А | E | | | COUNTY TOTAL** | | |
| | М | | Μ | | | | | | | | | | WNF | WNND | PVD‡ | TOTAL | |
| Montgomery | | 1 | | | | | | | | 167 | | | 2 | 11 | 3 | 13 | 181 |
| Nueces | | | | 1 | | | | | | | | | | 1 | | 1 | 2 |
| Orange | | | | | | | | | | 1 | | | | | 1 | | 1 |
| Parker | | | | | | | | | | | | | 1 | | | 1 | 1 |
| Tarrant | | 1 | | | | | | | | 69 | | | | 1 | | 1 | 71 |
| Tom Green | | | | 1 | | | | | | | | | | | 2 | | 1 |
| Travis | | 2 | | 1 | | | | | | 4 | | | 1 | | | 1 | 8 |
| Walker | | | | | | | | | | | | | | 1 | | 1 | 1 |
| Williamson | | 1 | | | | | | | | | | | | | | | 1 |
| Total Number of Reports | | 14 | | 7 | | 1 | | 4 | | 1313 | 62 | 1 | 16 | 25 | 25 | 41 | 1443 |

M-mosquito A-avian E-equine H-human

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

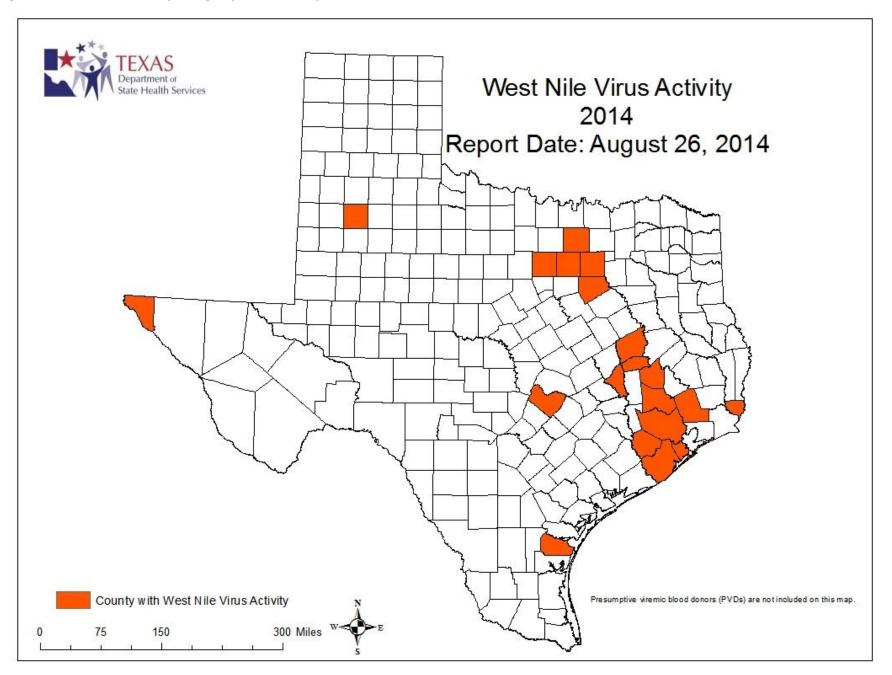
WNF - West Nile Fever

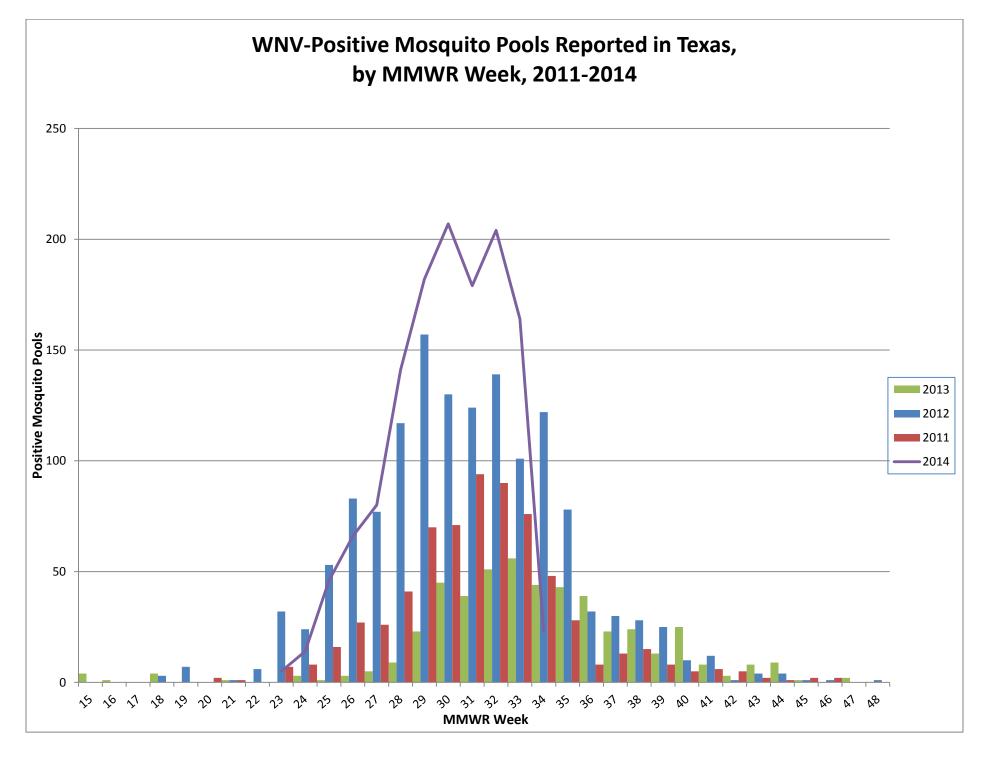
WNND - West Nile Neuroinvasive Disease

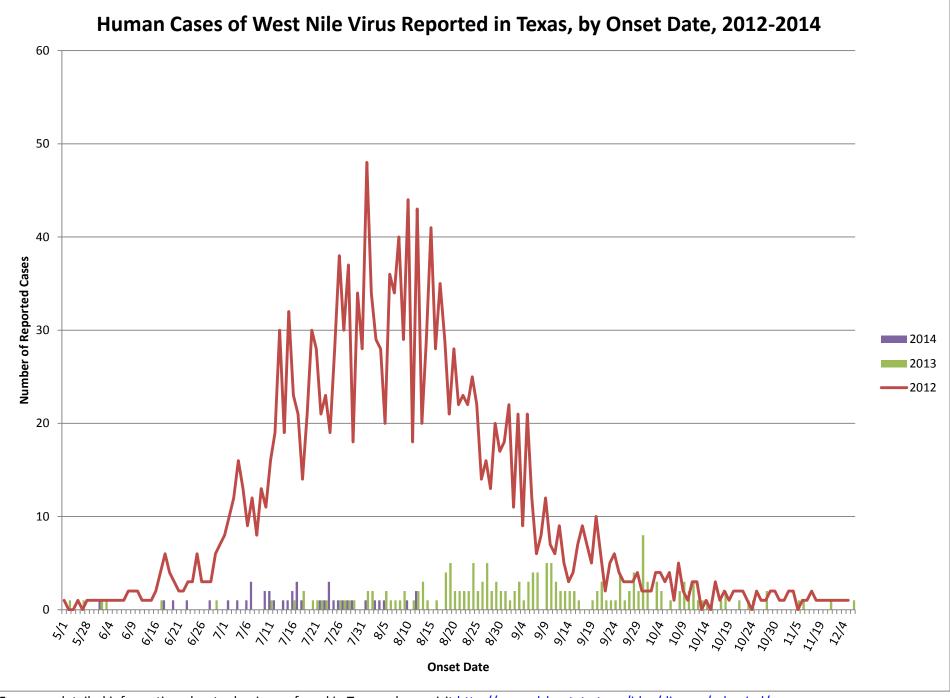
*All reported cases are imported.

**Total may not equal the sum of the contributing subtotals because some counties will have reports from multiple species and/or for multiple diseases or disease syndromes.

‡Presumptive viremic blood donors (PVDs) are not included in any of the "total columns".







For more detailed information about arboviruses found in Texas, please visit <u>http://www.dshs.state.tx.us/idcu/disease/arboviral/</u>.