



**2016 DSHS Arbovirus Activity Report**  
**Week #47 (ending November 26, 2016)**  
**Report Date: November 29, 2016**

**Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-47**

Disease	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>	2										2
Chikungunya					15			15			15
Dengue					37		1	38			38
Eastern Equine Encephalitis			6	26							32
St. Louis Encephalitis	1			2							3
West Nile	1769	5	118	17	98	199		297	14	44	2206
Zika <sup>3</sup>											
<b>TOTAL REPORTS</b>	<b>1772</b>	<b>5</b>	<b>124</b>	<b>45</b>	<b>150</b>	<b>199</b>	<b>1</b>	<b>350</b>	<b>14</b>	<b>44</b>	<b>2296</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.

<sup>3</sup>For weekly case counts and additional information related to Zika virus in humans, please visit [www.texaszika.org](http://www.texaszika.org).



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		
Coryell														1										1
Dallam																							1	
Dallas				2		6								698				20	35	2	55			761
Dawson																			1			1	1	
Denton	2					2								78		3		10	10	3	20			105
Dimmit																			1			1	1	
Eastland																1			1			1	2	
<b>Ector</b>						1										1								2
El Paso														10	2			2	3			5		17
Ellis														31					3			3		34
Erath																3								3
Falls																			1			1	1	
Fayette																2								2
Fort Bend				2		3								1					1	2	1			7
Franklin																2								2
Freestone																2		1	1			2		4
Gaines																			1			1	1	
Galveston				1		1			26			2		3		1	17	1	5	2	6			57
Grayson														49		1			5			5		55
Gregg						1								4		1			4	1	4			10
Grimes																4								4
Guadalupe						1										1					1			2
Hamilton																		1				1		1
Harris				1		5								97	1	3		2	11	11	13			120

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	
Harrison																1						1	
Hays						1										1						2	
Henderson																2			2			2	4
Hockley																		1	1			2	2
Hood																		1				1	1
Hopkins																2		2	2	1		4	6
Hunt														11		2		2	4	1		6	19
Irion																		1	1			2	2
Jasper																2							2
Jefferson						1								4				5				5	10
Johnson														15					4			4	19
Knox																			1			1	1
Lamar																1			2			2	3
Lavaca																1							1
Lee																1							1
Leon																1							1
Liberty																			2	1		2	2
Limestone																1			1			1	2
Lubbock						2								4				1				1	7
Madison																1							1
McLennan				1		1										1		3	4			7	10
McMullen																1							1
Montgomery														2		4		2	5	1		7	13
Morris																3							3
Nacogdoches																3							3

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	
Navarro																		1	4		5	5	
Newton																			1			1	1
Nueces						1					1			24					4			4	30
Orange								1						4				1		1		1	6
Palo Pinto																1			2			2	3
Parker																1			2			2	3
Pecos																			1			1	1
Polk																1			2			2	3
Presidio																			1			1	1
Randall																1	1					1	2
Red River																			1	1		1	1
Rockwall														21		1			1			1	23
Runnels																			1			1	1
Rusk																			1			1	1
San Jacinto																3							3
Shelby																1							1
Smith								3						5	1	4			4	1		4	17
Stonewall																1							1
Tarrant				2		1								559		1		15	28	4		43	606
Taylor																1							1
Throckmorton																1							1
Titus																2		1		1		1	3
Tom Green																1							1
Travis				1		4								15		1		2				2	23
Trinity																1		1				1	2

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		
Tyler								1															1
Upshur																2					1		2
Van Zandt																2		1				1	3
Victoria																1							1
Waller																5			2			2	7
Washington																3					1		3
Webb														3									3
Wharton																			1	1		1	1
Wichita														2		1							3
Williamson				1										12		1				1		1	15
Wilson																				1		1	1
Wood																		2	1			3	3
Total Number of Reports	2	0	0	15	0	38	0	6	26	0	1	2	0	1769	5	118	17	98	199	44	297	2296	

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 1-47

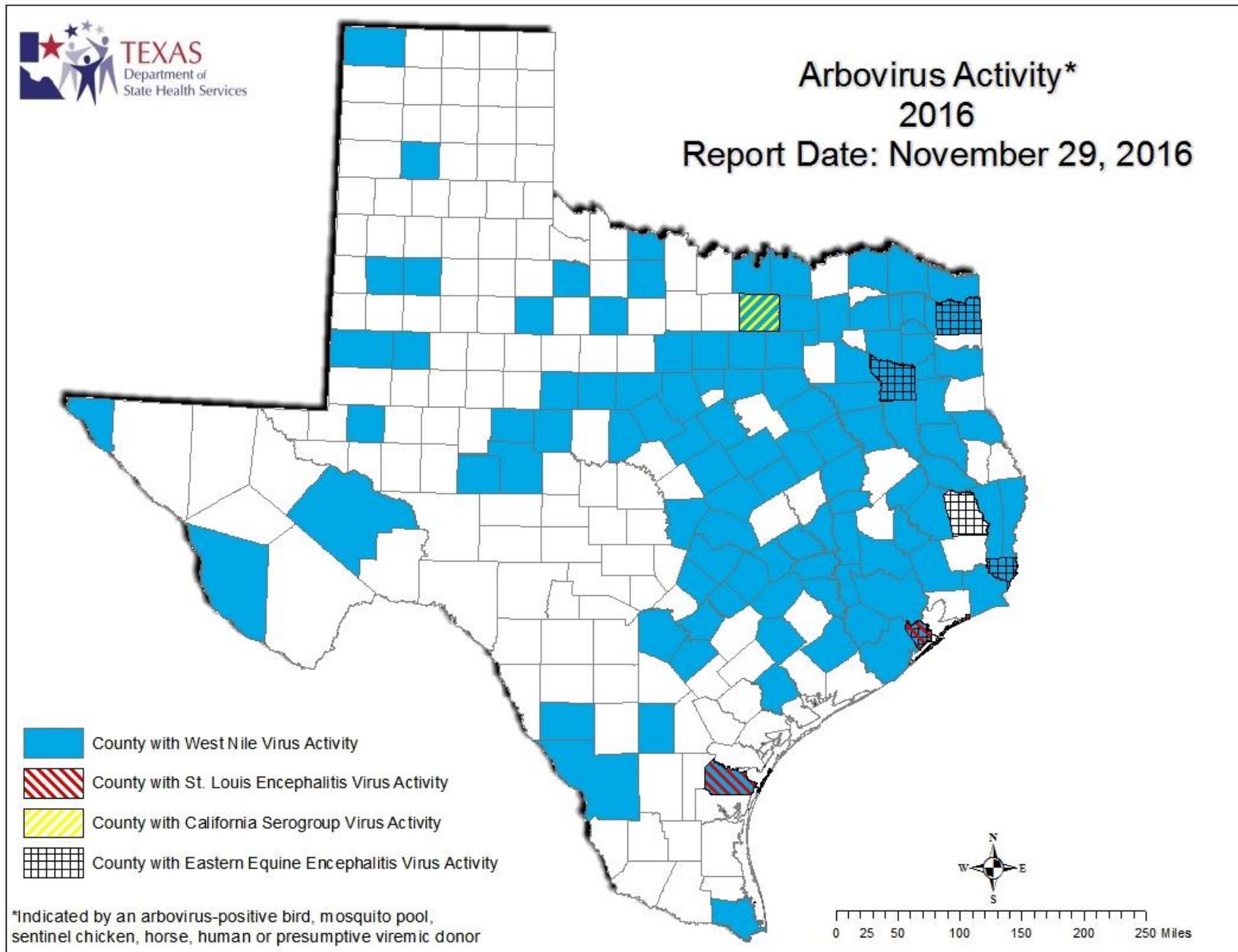


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

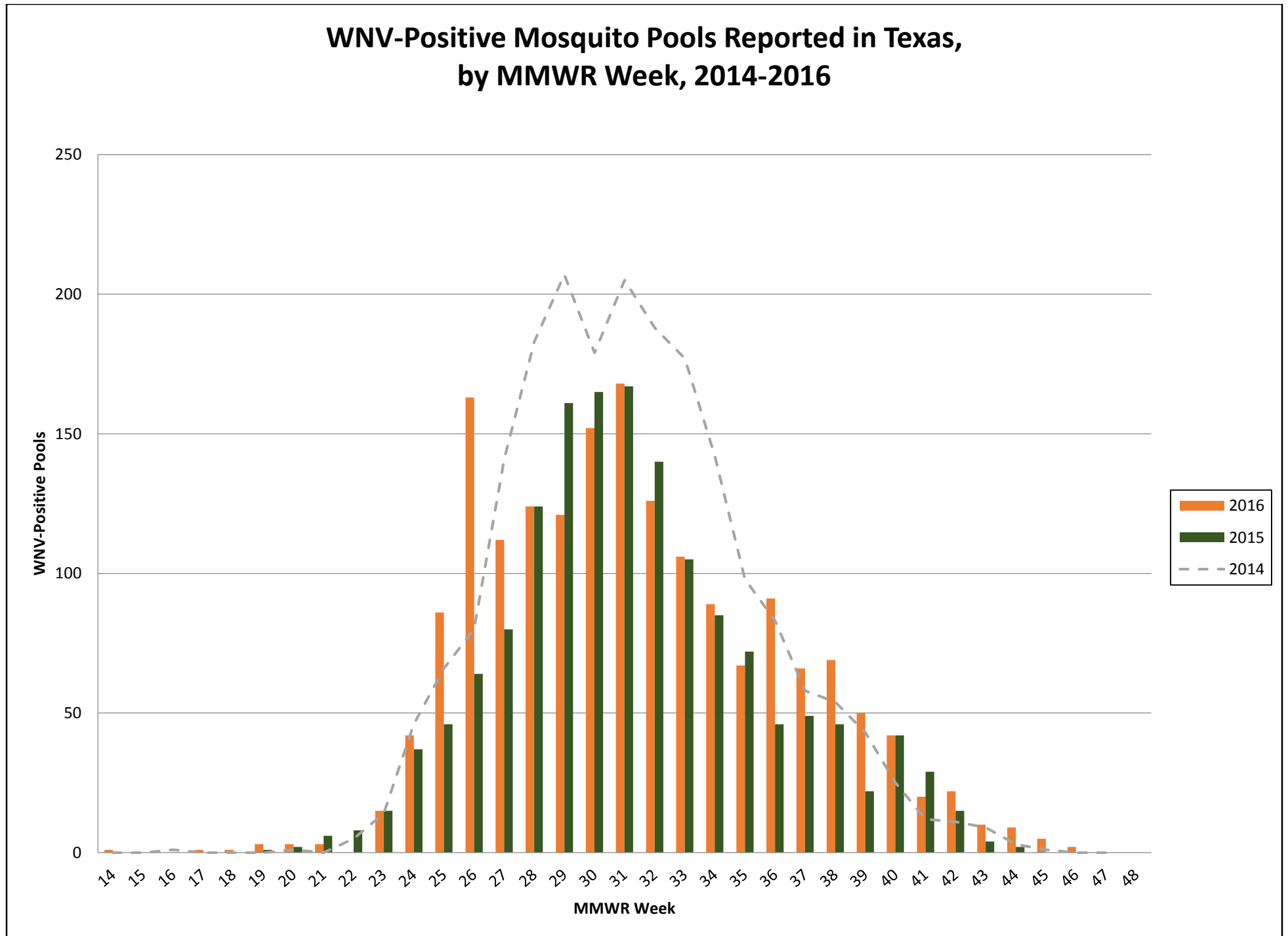




Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

