



2016 DSHS Arbovirus Activity Report
Week #46 (ending November 19, 2016)
Report Date: November 22, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-46

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					14			14			14
Dengue					36		1	37			37
Eastern Equine Encephalitis			6	26							32
St. Louis Encephalitis	1			2							3
West Nile	1767	5	115	17	95	197		292	14	43	2196
Zika ³											
TOTAL REPORTS	1770	5	121	45	145	197	1	343	14	43	2284

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 in humans, please visit 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		
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
Ector						1																	1
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				1		3								1							2		5
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	
Harrison																1							1

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	
Hays																1						1	
Henderson																2			2			2	4
Hockley																		1	1			2	2
Hood																		1				1	1
Hopkins																2		2	2	1		4	6
Hunt														11		2		1	4	1		5	18
Irion																		1	1			2	2
Jasper																2							2
Jefferson						1								4				5				5	10
Johnson														15					3			3	18
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		1	5	1		6	12
Morris																3							3
Nacogdoches																3							3
Navarro																		1	4			5	5

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		
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	14	0	37	0	6	26	0	1	2	0	1767	5	115	17	95	197	43	292	2284	

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 1-46

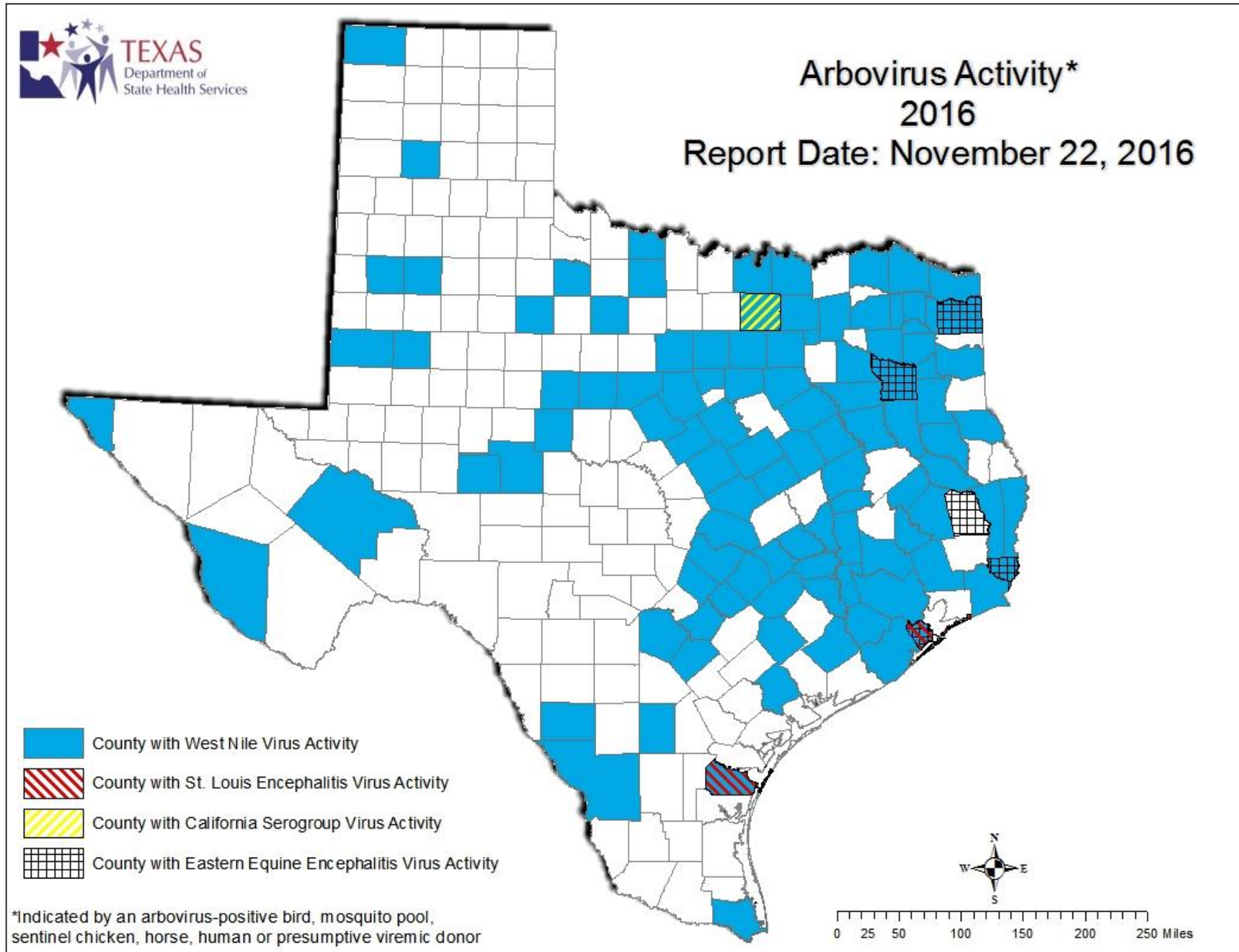


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

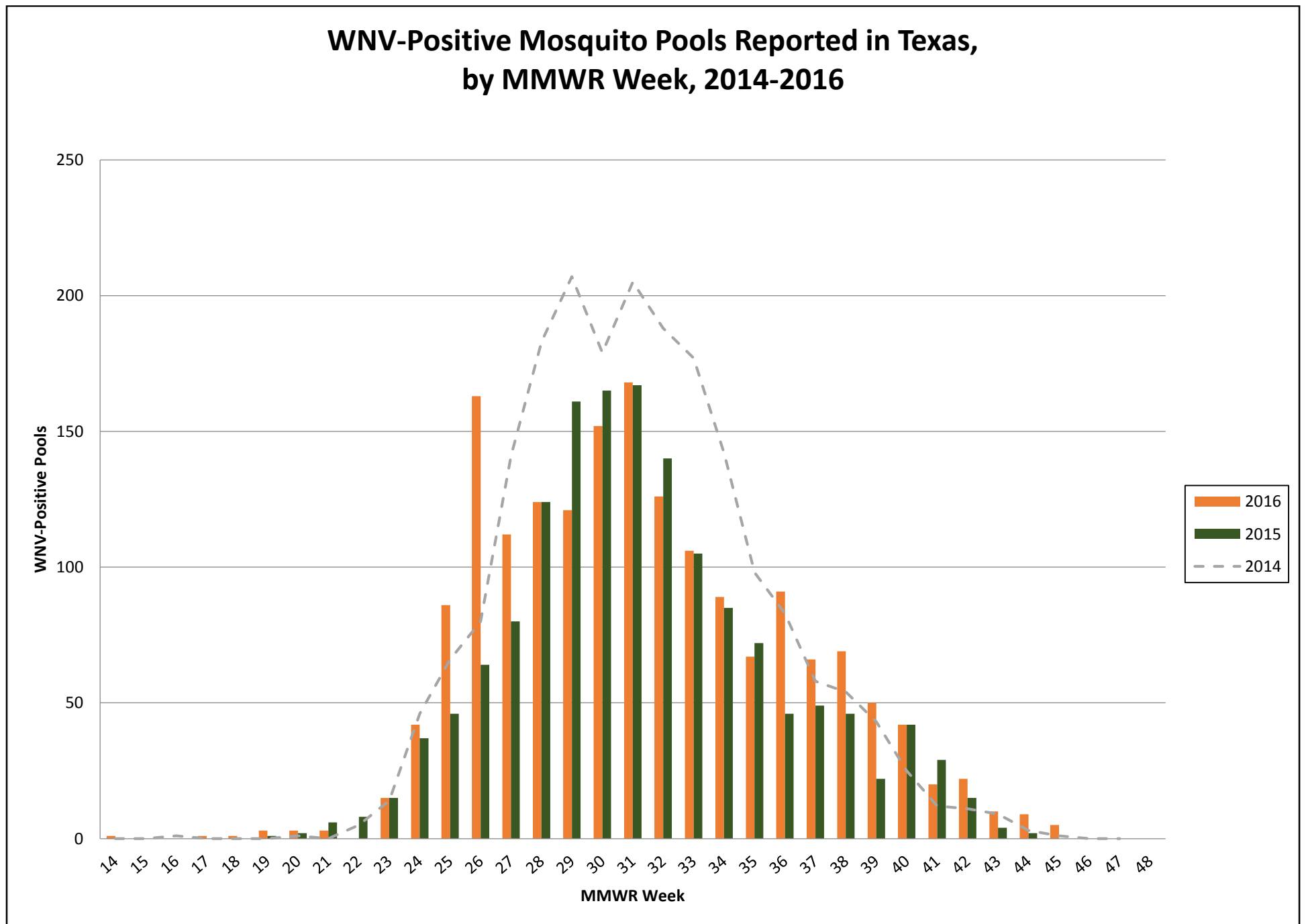


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

