



2016 DSHS Arbovirus Activity Report
Week #44 (ending November 5, 2016)
Report Date: November 8, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-44

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					12			12			12
Dengue					34		1	35			35
Eastern Equine Encephalitis			6	26							32
St. Louis Encephalitis	1			2							3
West Nile	1754	5	105	17	79	179		258	13	36	2139
Zika ³											
TOTAL REPORTS	1757	5	111	45	125	179	1	305	13	36	2223

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 1-44

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		
Anderson																			1		1	1	
Angelina																		1	4			5	5
Archer																1							1
Austin																4							4
Bastrop															1	1			1	1		1	3
Bell				1		1								2					2	1		2	6
Bexar						1								3					2	1		2	6
Bosque																			2			2	2
Bowie																5		2		1		2	7
Brazoria														17		2			1			1	20
Brazos																2		1				1	3
Brown						1																	1
Burleson																1							1
Burnet						1																	1
Caldwell																1							1
Callahan																			1			1	1
Cameron														1									1
Camp																1							1
Cass								1								1							2
Collin				3		2								87		1		10	11	1		21	114
Comanche																1							1
Cooke														3		1							4
Coryell														1									1
Dallam																				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
Dallas				1		6								695				19	33	2	52	754
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																2						2
Falls																			1		1	1
Fayette																2						2
Fort Bend				1		3								1						2		5
Franklin																2						2
Freestone																2			1		1	3
Galveston				1		1			26			2		3		1	17	1	4	2	5	56
Grayson														49		1			5		5	55
Gregg						1								4		1			2	1	2	8
Grimes																4						4
Guadalupe						1														1		1
Hamilton																		1			1	1
Harris				1		5								97	1	3		2	11	7	13	120
Harrison																1						1
Hays																1						1
Henderson																2			2		2	4
Hockley																		1			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
Hopkins																2		1		1	1	3
Hunt														11		2		1	4	1	5	18
Irion																		1			1	1
Jasper																2						2
Jefferson						1								4				5			5	10
Johnson														15					2		2	17
Knox																			1		1	1
Lamar																1			2		2	3
Lavaca																1						1
Lee																1						1
Leon																1						1
Liberty																			2		2	2
Limestone																1			1		1	2
Lubbock						2								4								6
Madison																1						1
McLennan				1		1										1		2	4		6	9
Montgomery														2		4			4	1	4	10
Morris																3						3
Nacogdoches																3						3
Navarro																			4		4	4
Newton																			1		1	1
Nueces						1					1			24					4		4	30
Orange								1						3						1		4
Palo Pinto																1			2		2	3
Parker																1			2		2	3
Pecos																			1		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
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
San Jacinto																3						3
Shelby																1						1
Smith									3					5	1	4			4	1	4	17
Stonewall																1						1
Tarrant				1										557				13	27	3	40	598
Throckmorton																1						1
Titus																2		1		1	1	3
Tom Green																1						1
Travis				1		4								13		1		2			2	21
Trinity																1		1			1	2
Tyler								1														1
Upshur																2						2
Van Zandt																2		1			1	3
Victoria																1						1
Waller																4		2			2	6
Washington																3				1		3
Webb														2								2
Wharton																			1	1	1	1
Wichita														2		1						3
Williamson				1										9		1			1		1	12

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		
Wood																				1		1	1
Total Number of Reports	2	0	0	12	0	35	0	6	26	0	1	2	0	1754	5	105	17	79	179	36	258	2223	

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 1-44

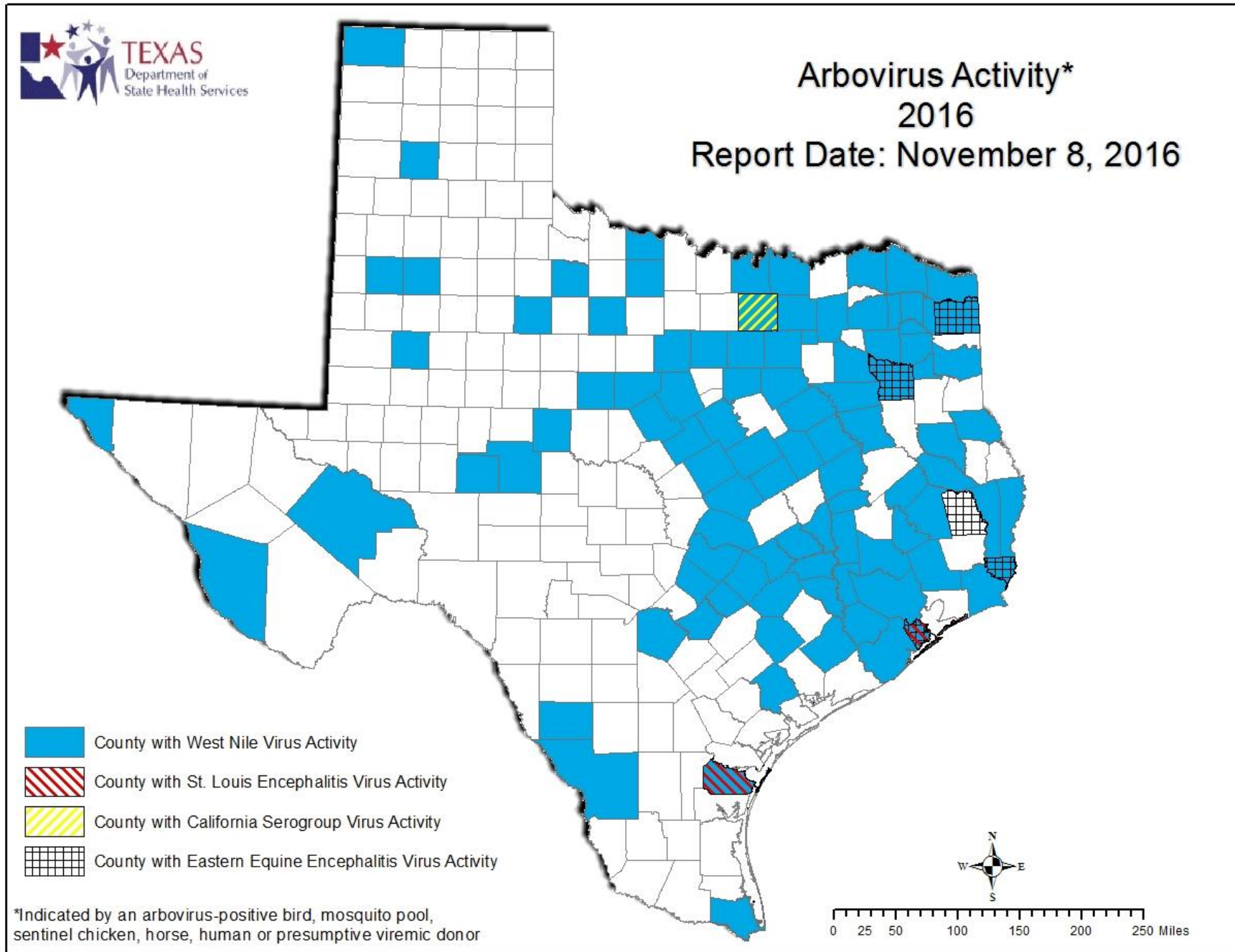


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

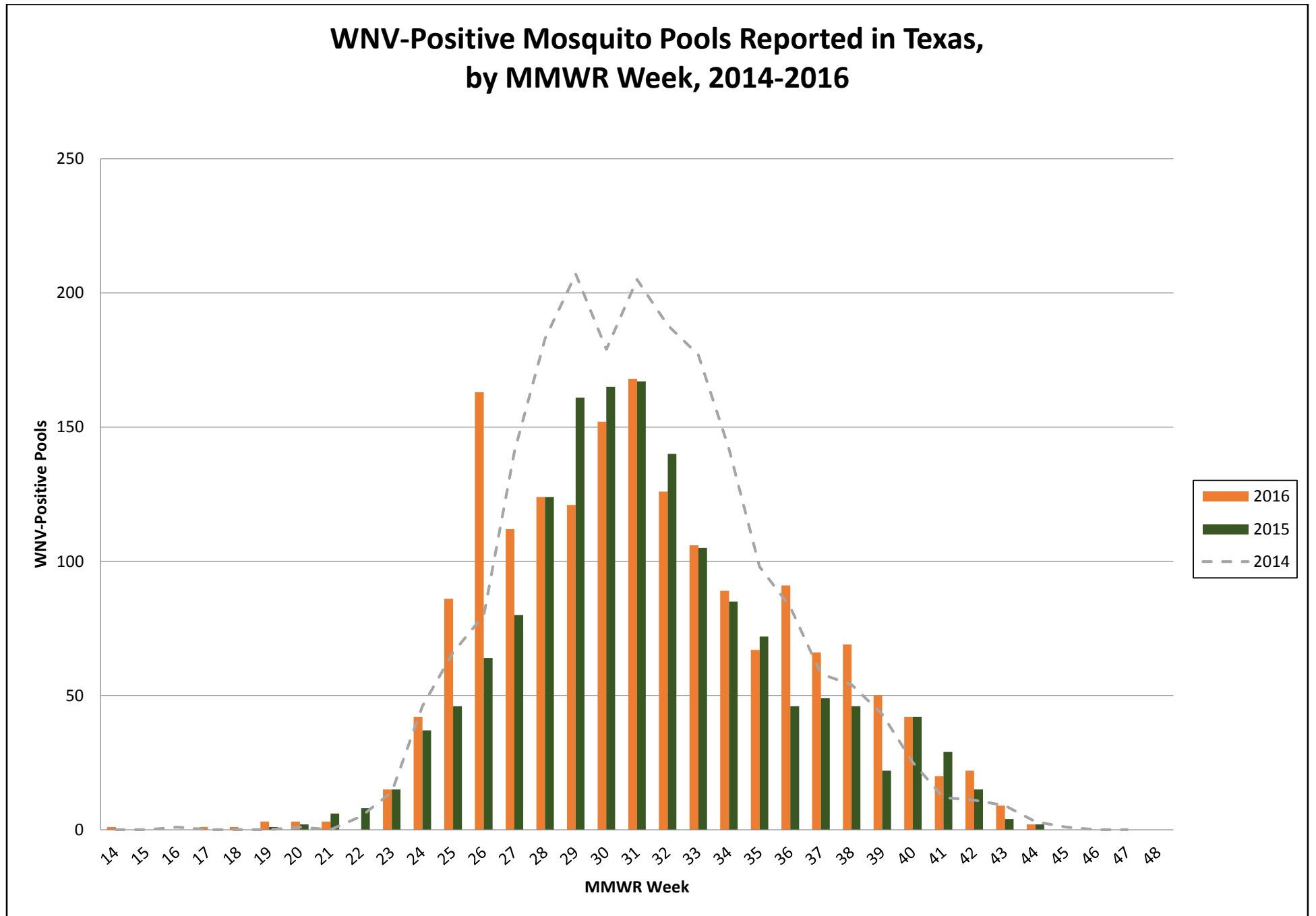


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

