



2016 DSHS Arbovirus Activity Report
Week #41 (ending October 15, 2016)
Report Date: October 18, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-41

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					10			10			10
Dengue					32		1	33			33
Eastern Equine Encephalitis			5	26							31
St. Louis Encephalitis	1			2							3
West Nile	1709	5	66	13	69	146		215	10	32	2008
Zika ³											
TOTAL REPORTS	1712	5	71	41	111	146	1	258	10	32	2087

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 1-41

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																			4		4	4
Archer																1						1
Austin																2						2
Bastrop															1	1			1		1	3
Bell				1		1							2						1		1	5
Bexar						1							3						2	1	2	6
Bosque																			1		1	1
Bowie															4		1		1		1	5
Brazoria													10		1				1		1	12
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				1		2							87				9	10	1		19	109
Comanche															1							1
Cooke													3									3
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								687				19	30	2	49	743
Dawson																			1		1	1
Denton	2					2								77		2		9	9	3	18	101
Dimmit																			1		1	1
Eastland																			1		1	1
Ector						1																1
El Paso														10	2			2	3		5	17
Ellis														29					2		2	31
Erath																1						1
Falls																			1		1	1
Fayette																1						1
Fort Bend				1		2								1						2		4
Franklin																2						2
Freestone																2						2
Galveston				1		1			26			2		3		1	13	1	3	2	4	51
Grayson														47		1			3		3	51
Gregg						1								4					1	1	1	6
Guadalupe						1														1		1
Harris				1		5								94	1	2		1	9	7	10	113
Harrison																1						1
Hays																1						1
Henderson																1			1		1	2
Hockley																		1			1	1
Hopkins																		1		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		
Hunt														11		2			1	3	1	4	17
Irion																			1			1	1
Jasper																2							2
Jefferson														4					4			4	8
Johnson														13						2		2	15
Lamar																1				2		2	3
Lee																1							1
Liberty																				1		1	1
Limestone																1				1		1	2
Lubbock						2								4									6
McLennan				1		1										1			2	4		6	9
Montgomery														2		1				4	1	4	7
Morris																2							2
Nacogdoches																1							1
Navarro																				4		4	4
Nueces						1					1			23						4		4	29
Orange								1						3							1		4
Palo Pinto																				2		2	2
Parker																1				2		2	3
Pecos																				1		1	1
Polk																1							1
Randall																1		1				1	2
Red River																				1	1	1	1
Rockwall														20		1				1		1	22
Runnels																				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	
San Jacinto																3						3
Shelby																1						1
Smith								3						5	1	3			3		3	15
Tarrant				1										547				12	21	3	33	581
Titus																2		1			1	3
Travis				1		4								9		1		1			1	16
Upshur																2						2
Van Zandt																2		1			1	3
Victoria																1						1
Waller																1						1
Washington																3				1		3
Webb														2								2
Wharton																			1	1	1	1
Wichita														2								2
Williamson				1										5								6
Wood																			1		1	1
Total Number of Reports	2	0	0	10	0	33	0	5	26	0	1	2	0	1709	5	66	13	69	146	32	215	2087

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 1-41

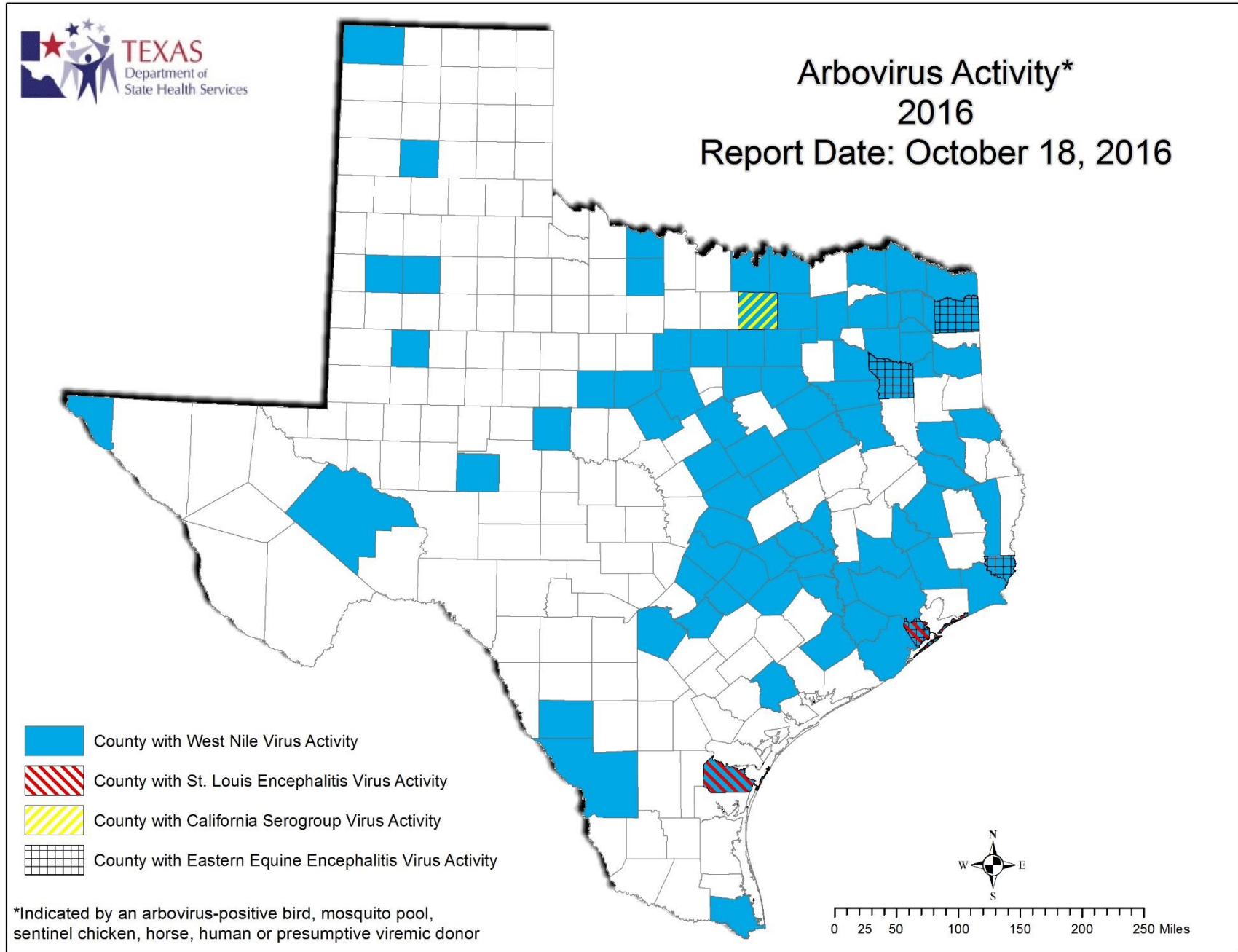


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

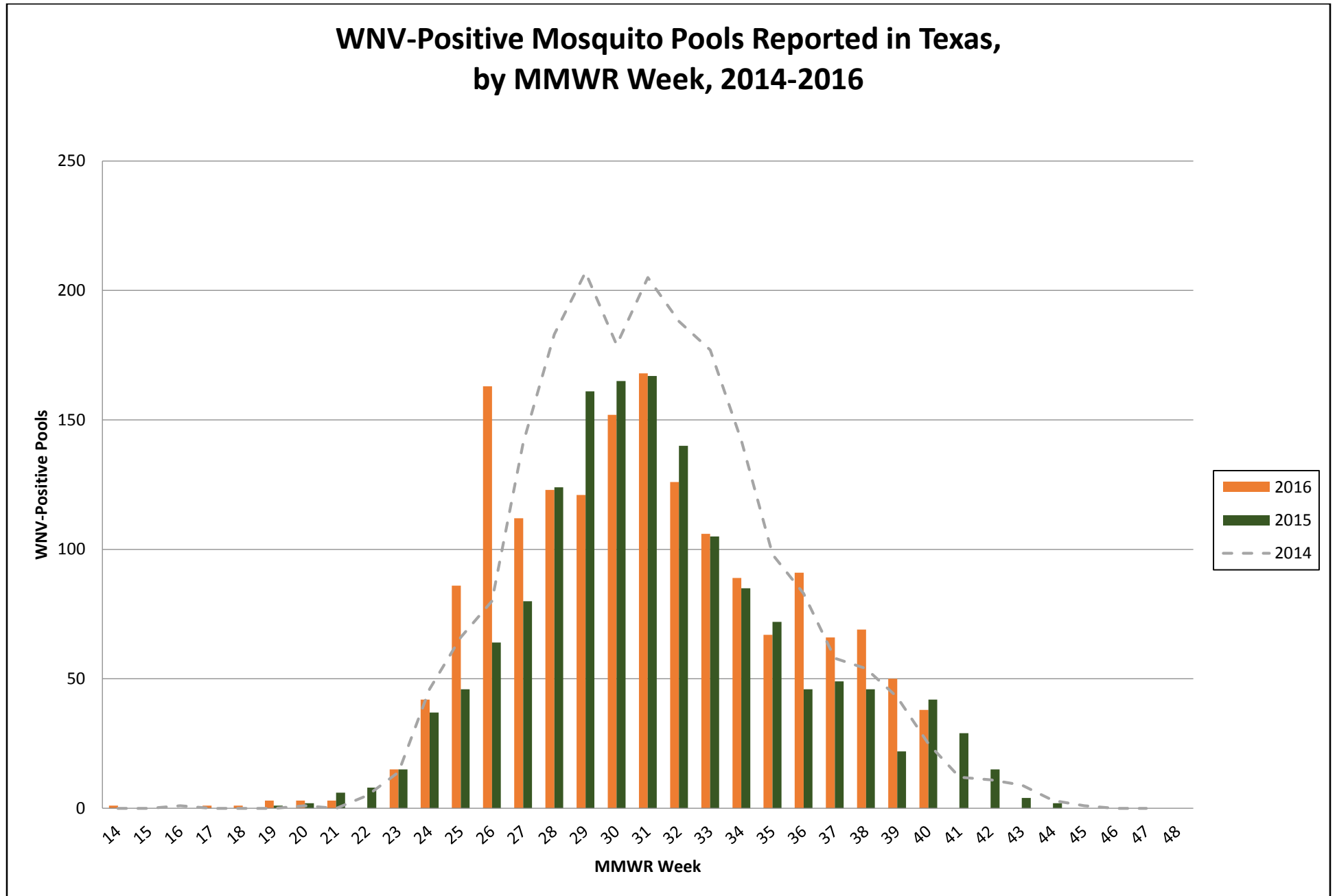


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

