



2016 DSHS Arbovirus Activity Report
Week #40 (ending October 8, 2016)
Report Date: October 11, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-40

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					9			9			9
Dengue					32		1	33			33
Eastern Equine Encephalitis			3	26							29
St. Louis Encephalitis	1			2							3
West Nile	1659	4	50	13	66	134		200	7	29	1926
Zika ³											
TOTAL REPORTS	1662	4	53	41	107	134	1	242	7	29	2002

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 1-40

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																			3		3	3
Archer																1						1
Austin																2						2
Bastrop																1						1
Bell				1		1								2					1		1	5
Bexar						1								3					2	1	2	6
Bosque																			1		1	1
Bowie																2		1		1	1	3
Brazoria														6		1			1		1	8
Brazos																1		1			1	2
Brown						1																1
Burleson																1						1
Burnet						1																1
Caldwell																1						1
Callahan																			1		1	1
Cameron														1								1
Collin						2								79				9	9	1	18	99
Cooke														3								3
Coryell														1								1
Dallam																				1		
Dallas				1		6								673				18	29	2	47	727
Dawson																			1		1	1
Denton	2					2								77		2		8	8	2	16	99

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		
Dimmit																			1		1	1	
Eastland																			1		1	1	
Ector						1																1	
El Paso														10	2				2	3		5	17
Ellis														27					2			2	29
Erath																1							1
Falls																			1			1	1
Fayette																1							1
Fort Bend				1		2								1							1		4
Franklin																2							2
Freestone																1							1
Galveston				1		1			26			2		3		1	13	1	2	2	2	3	50
Grayson														41		1			2			2	44
Gregg						1								4							1		5
Guadalupe						1															1		1
Harris				1		5								93	1	2		1	9	7	10		112
Harrison																1							1
Hays																1							1
Henderson																1			1			1	2
Hockley																		1				1	1
Hopkins																		1		1		1	1
Hunt														11		1		1	3	1		4	16
Irion																		1				1	1
Jasper																2							2
Jefferson														4				4				4	8

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		
Johnson														13					2		2	15	
Lamar																1			2		2	3	
Lee																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																1						1	
Nacogdoches																1						1	
Navarro																			3		3	3	
Nueces						1					1			23					4		4	29	
Orange								1						2						1		3	
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	
San Jacinto																2						2	
Shelby																1						1	
Smith								2						5	1	1			3		3	12	
Tarrant				1										535					12	20	3	32	568
Titus																2			1		1	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		
Travis				1		4								7									12
Upshur																2							2
Van Zandt																1		1					2
Victoria																1							1
Waller																1							1
Washington																1							1
Webb														2									2
Wharton																					1		
Wichita														2									2
Williamson				1										5									6
Wood																			1			1	1
Total Number of Reports	2	0	0	9	0	33	0	3	26	0	1	2	0	1659	4	50	13	66	134	29	200	2002	

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 1-40

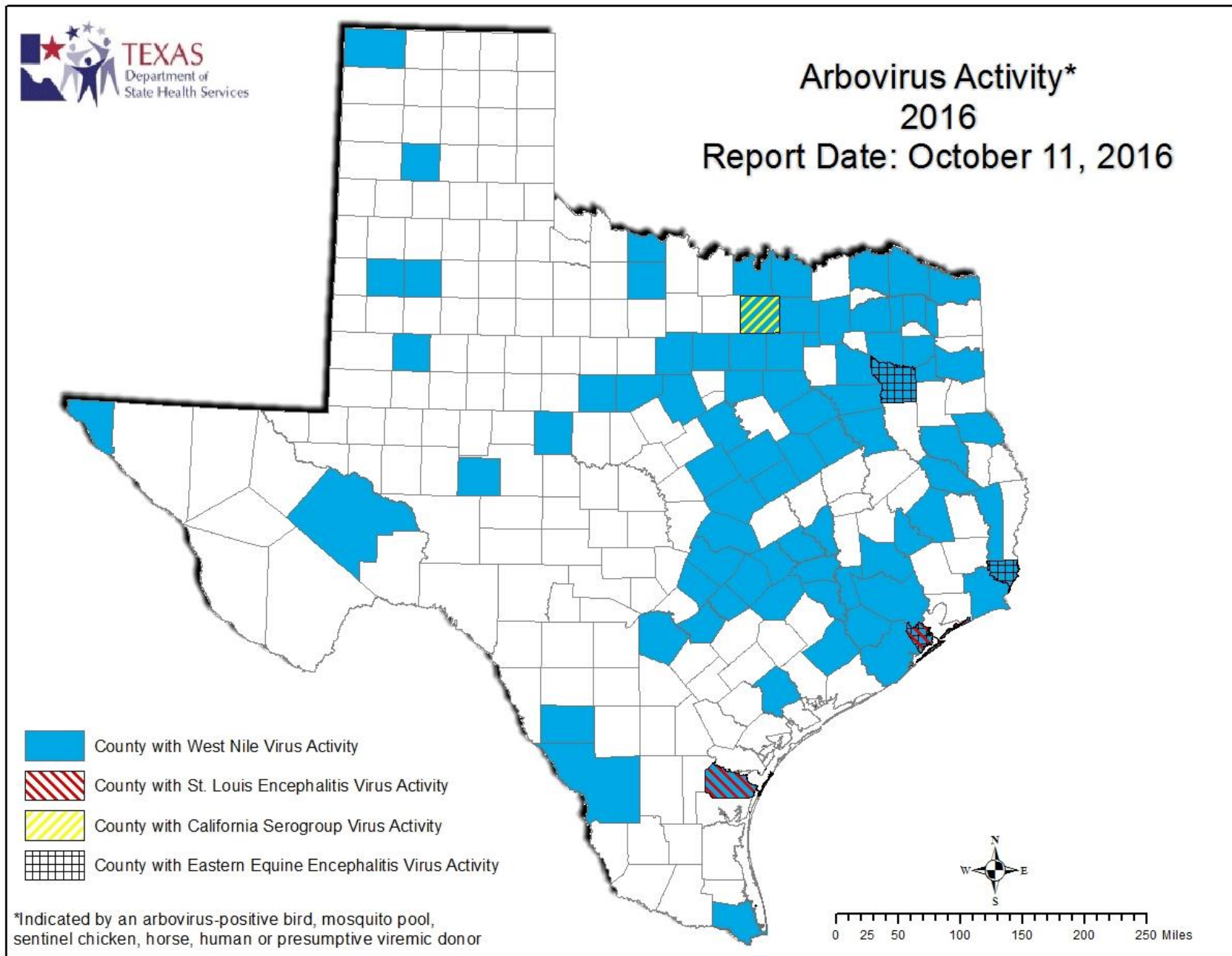


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

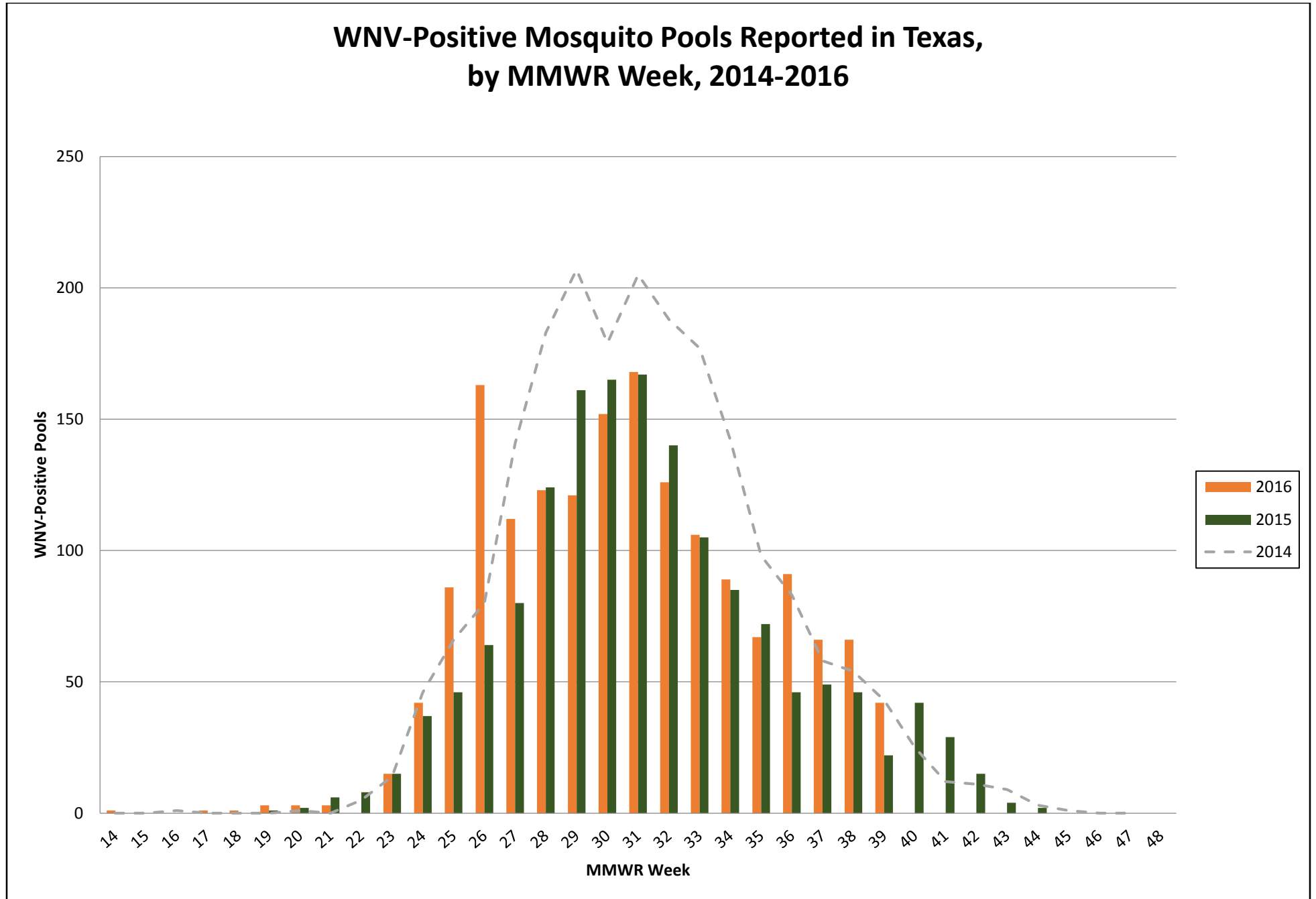


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

