



2016 DSHS Arbovirus Activity Report
Week #37 (ending September 17, 2016)
Report Date: September 20, 2016

Table 1. 2016 Arbovirus Activity Summary, Texas, Weeks 1-37

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					26		1	27			27
Eastern Equine Encephalitis			1	24							25
St. Louis Encephalitis	1			2							3
West Nile	1457	4	15	2	50	94		144	3	20	1622
Zika ³											
TOTAL REPORTS	1460	4	16	28	85	94	1	180	3	20	1688

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 1-37

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		
Angelina																			3		3	3	
Austin																1						1	
Bell				1										1					1		1	3	
Bexar						1								1						1		2	
Bosque																			1		1	1	
Brazoria														2								2	
Brazos																		1			1	1	
Brown						1																1	
Burnet						1																1	
Collin						2								61					8	5	1	13	76
Cooke														2								2	
Coryell														1								1	
Dallas				1		6								587					16	25	2	41	635
Denton	2													74		2			6	5	2	11	89
Dimmit																				1		1	1
Eastland																				1		1	1
Ector						1																	1
El Paso														7	2				2	3		5	14
Ellis														25						1		1	26
Erath																1							1
Falls																				1		1	1
Fayette																1							1
Fort Bend				1		2								1							1		4
Franklin																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	
Galveston				1		1			24			2		2			2	1	2	1	3	35
Grayson														38		1						39
Gregg						1								4						1		5
Harris				1		4								88	1				6	4	6	100
Henderson																			1		1	1
Hopkins																				1		
Hunt														10		1			2	1	2	13
Jasper																1						1
Jefferson														3				4		1	4	7
Johnson														11					1		1	12
Lamar																1						1
Limestone																1			1		1	2
Lubbock						2								1								3
McLennan				1		1										1		2	4		6	9
Montgomery														2		1			4		4	7
Navarro																			2		2	2
Nueces						1					1			22					4		4	28
Orange								1						2						1		3
Palo Pinto																			1		1	1
Polk																1						1
Red River																			1	1	1	1
Rockwall														15					1		1	16
Runnels																			1		1	1
Smith														5	1	1						7
Tarrant				1										480				9	15	1	24	505

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		3								6										10
Van Zandt																			1				1	1
Webb														2										2
Wharton																					1			
Wichita														1										1
Williamson				1										3										4
Wood																			1				1	1
Total Number of Reports	2	0	0	9	0	27	0	1	24	0	1	2	0	1457	4	15	2	50	94	20	144		1688	

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 1-37

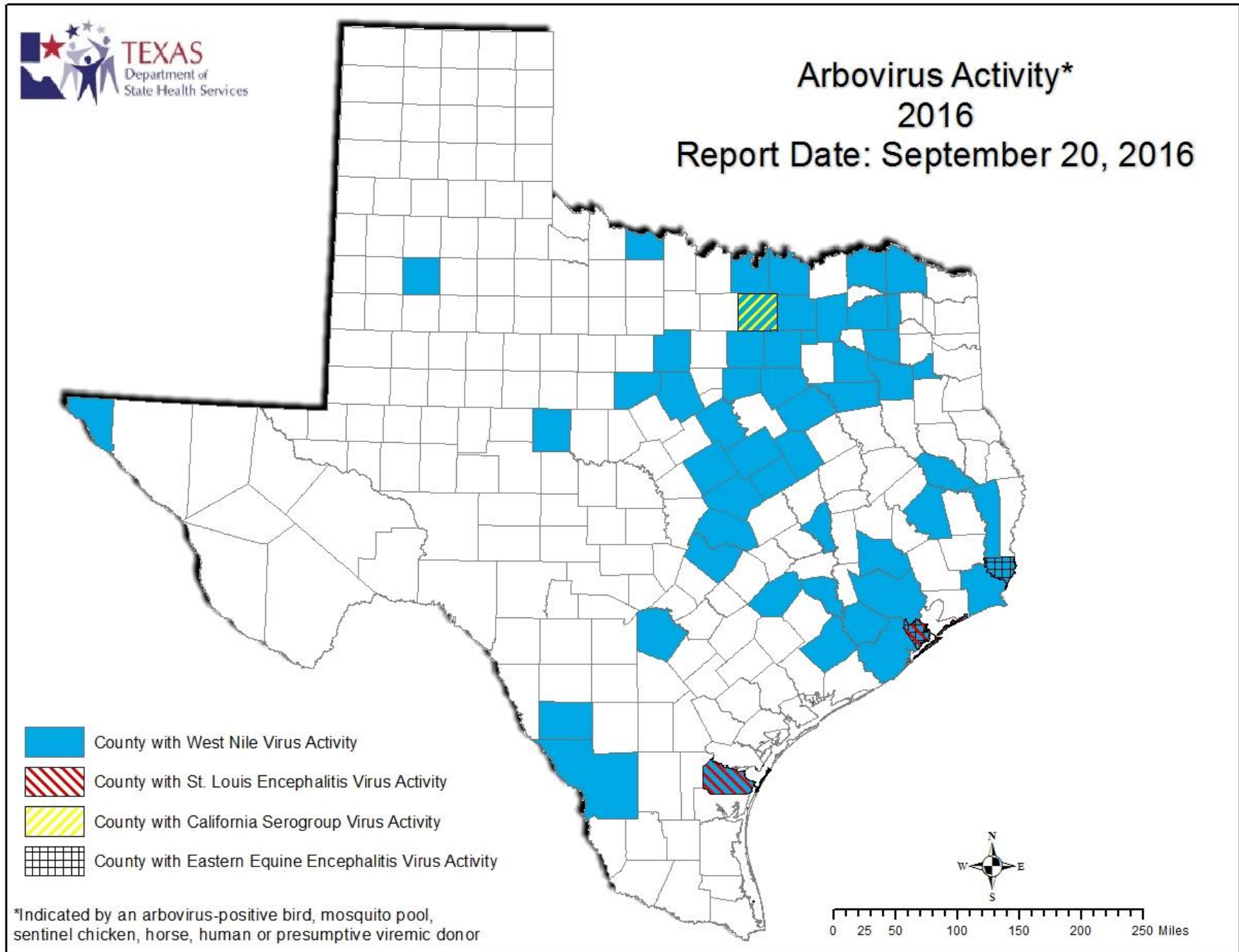


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2014-2016

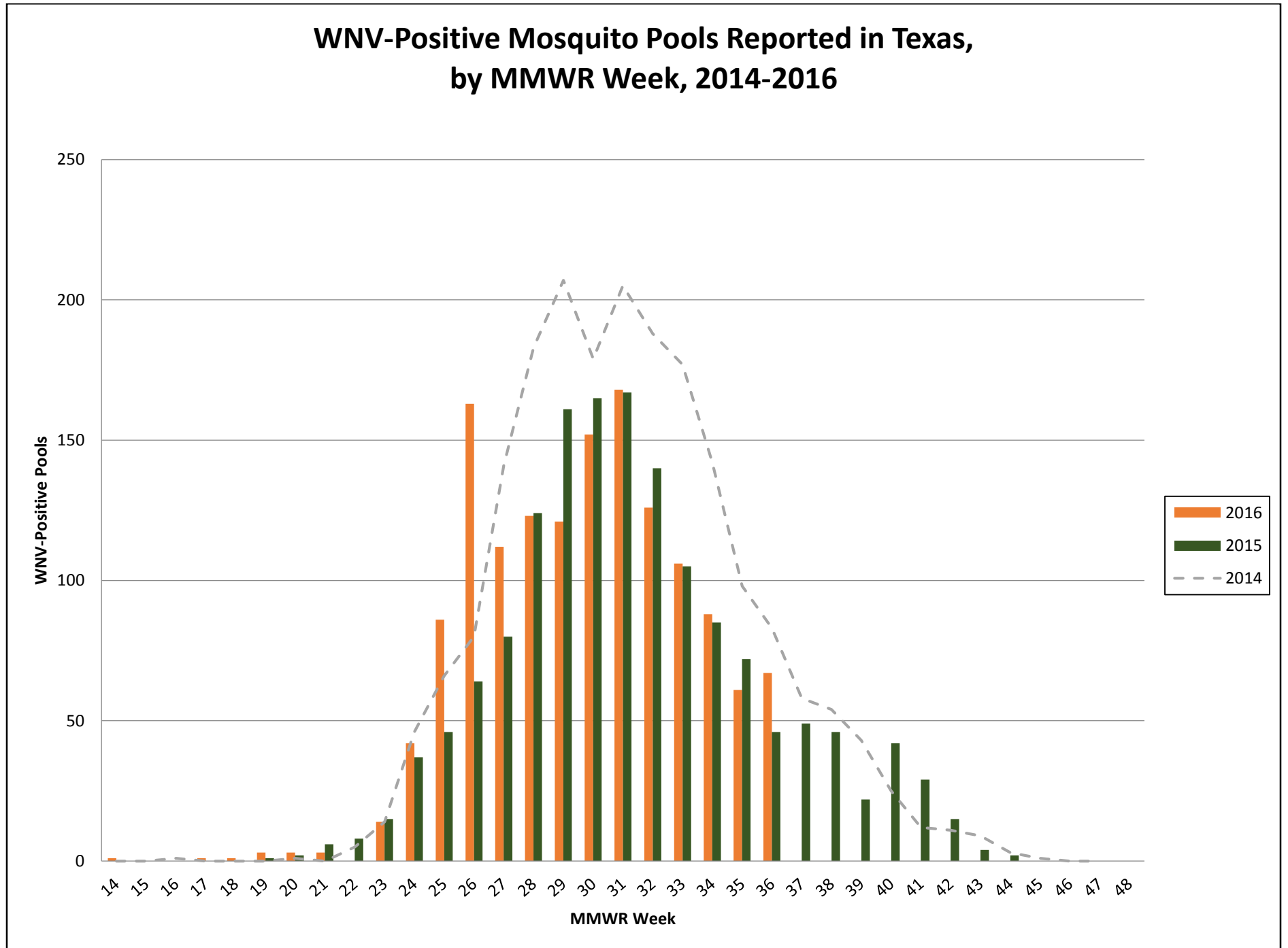


Figure 3. Epidemiologic Curve of Human WNV Activity, 2014-2016

