



**2017 DSHS Arbovirus Activity Report
Week #33 (ending August 18, 2017)
Report Date: August 22, 2017**

Table 1. 2017 Arbovirus Activity Summary, Texas, Weeks 1-33

Disease	Positive Mosquito Pools	Avian	Equine	Sentinel Chicken	Human						TOTAL
					Febrile Illness	Neurologic Illness	Severe Dengue	TOTAL (HUMAN)	Deaths	PVD ²	
California Serogroup ¹								0			0
Chikungunya					6			6			6
Dengue					8			8			8
Eastern Equine Encephalitis			1	6				0			7
St. Louis Encephalitis				1				0			1
West Nile	701				20	16		36	2	5	737
Zika ³										1	0
TOTAL REPORTS	701	0	1	7	34	16	0	50	2	6	759

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, please visit www.texaszika.org.

Table 2. 2017 Arbovirus Activity by County, Weeks 1-33

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					
Bexar				1										1									0	2		
Brazoria														1									0	1		
Collin				1										14								2	2	1	4	19
Cooke																						1		1	1	
Dallas				1		4								291								5	4	1	9	305
Denton				1		2								70								2			2	75
El Paso														11								1	3		4	15
Ellis														7										0	7	
Floyd																							1	0	0	
Galveston				1					6			1												0	8	
Grayson														2										0	2	
Hardin								1																0	1	
Harris						1								100									2	2	2	103
Hunt														3										0	3	
Johnson														4										0	4	
Montgomery														20									1		1	21
Nueces														1								1		1	2	
Panola																						1		1	1	
Rockwall														2										0	2	
San Patricio																							1	1	1	
Tarrant														173								4	3		7	180
Travis				1		1																		0	2	
Val Verde																						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		
Van Zandt																			1			1	1
Webb														1					1			1	2
Total Number of Reports	0	0	0	6	0	8	0	1	6	0	0	1	0	701	0	0	0	20	16	5	36	759	

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 1-33

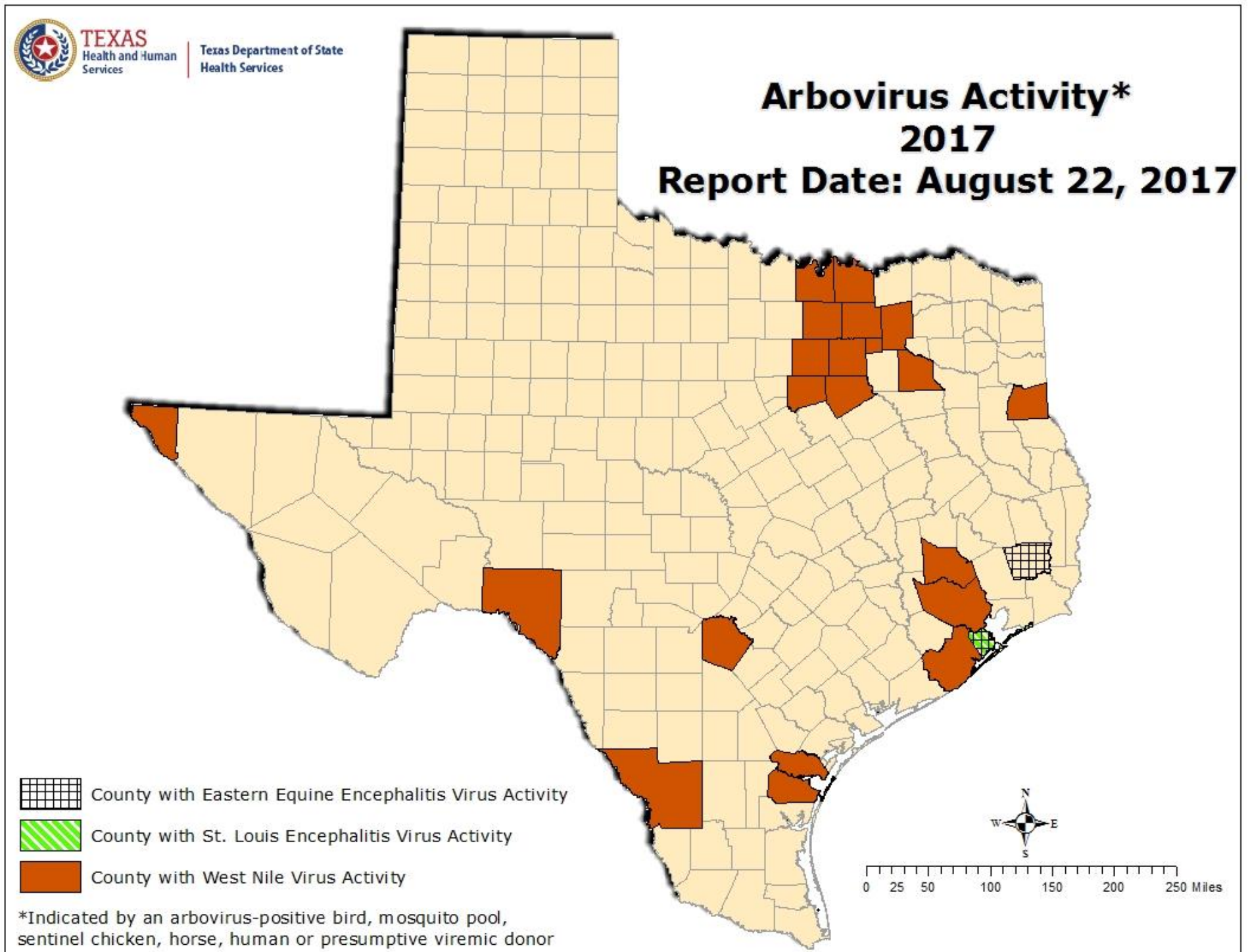


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2015-2017

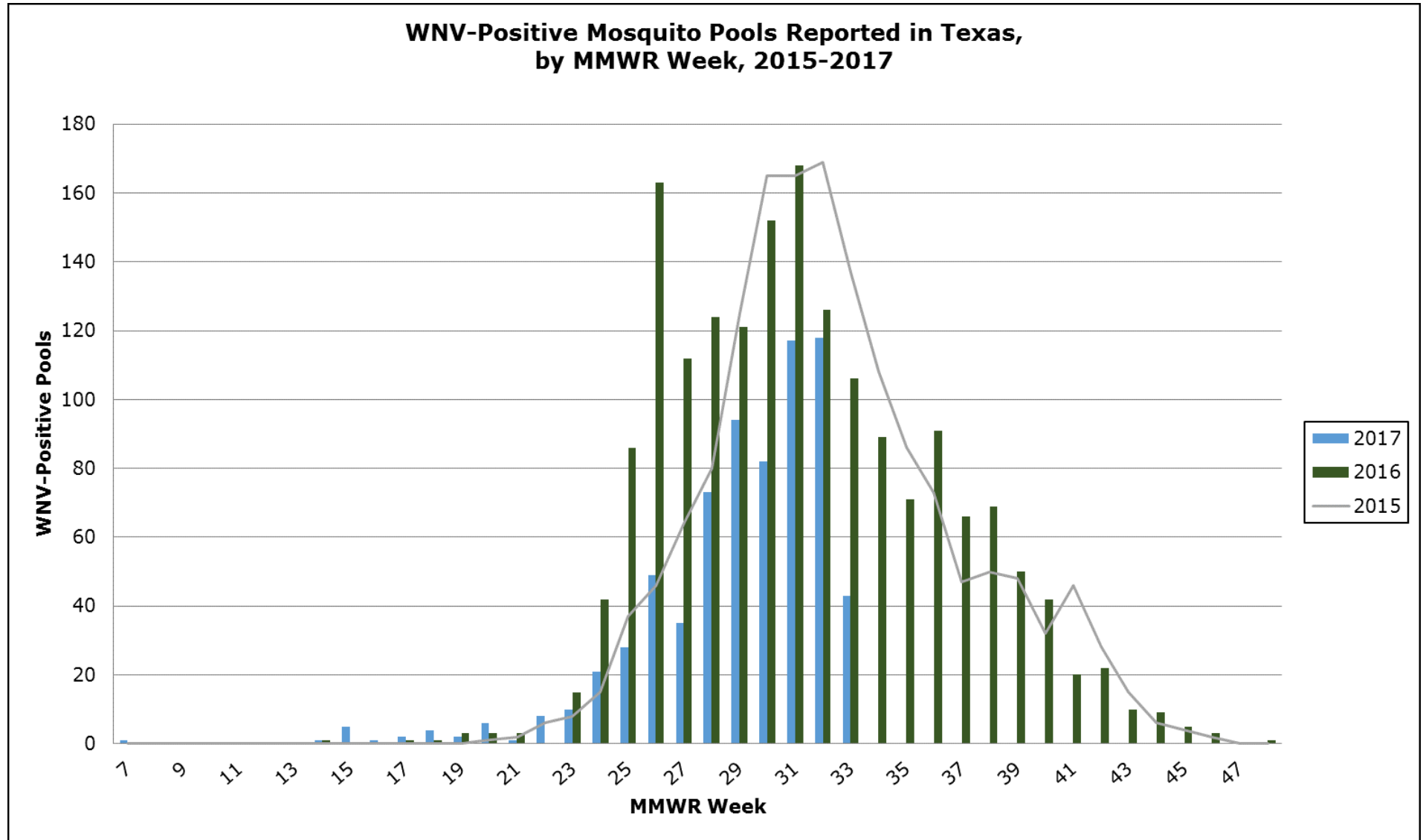


Figure 3. Epidemiologic Curve of Human WNV Activity, 2015-2017

