



**2017 DSHS Arbovirus Activity Report
Week #20 (ending May 19, 2017)
Report Date: May 23, 2017**

Table 1. 2017 Arbovirus Activity Summary, Texas, Weeks 1-20

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								0			0
Dengue					1			1			1
Eastern Equine Encephalitis				3				0			3
St. Louis Encephalitis								0			0
West Nile	19					2		2			21
Zika ³										1	0
TOTAL REPORTS	19	0	0	3	1	2	0	3	0	0	25

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 1-20

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								12							0	13	
El Paso																			1		1	1	
Galveston									3												0	3	
Harris														1							0	1	
Johnson														1							0	1	
Montgomery																			1		1	1	
Nueces														1							0	1	
Tarrant														4							0	4	
Total Number of Reports	0	0	0	0	0	1	0	0	3	0	0	0	0	19	0	0	0	0	0	2	0	2	25

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 1-20

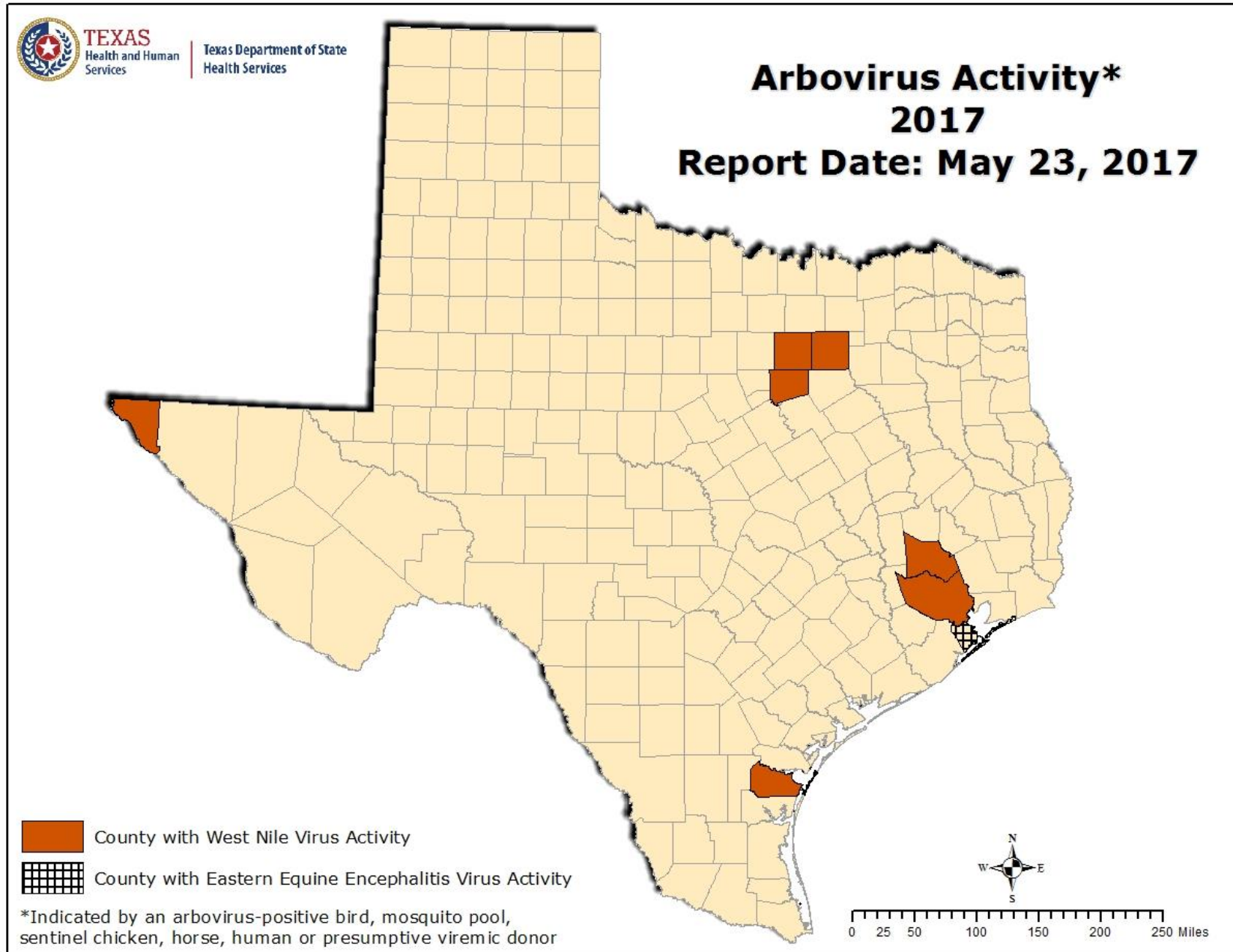


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2015-2017

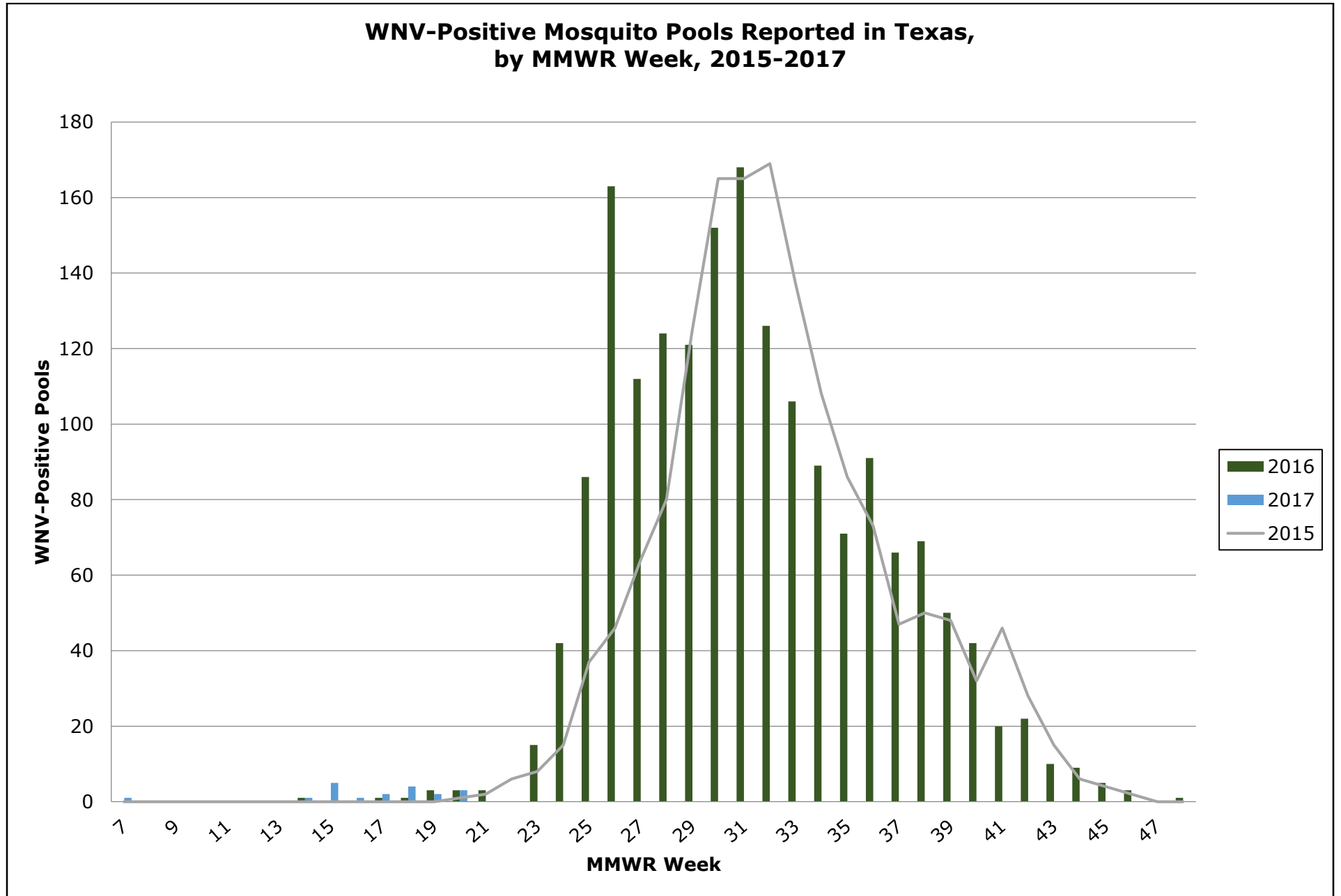


Figure 3. Epidemiologic Curve of Human WNV Activity, 2015-2017

