



DSHS Arbovirus Activity Report
Week #39 (ending October 3, 2015)
Report Date: October 6, 2015

Table 1. Arbovirus Activity Summary, Texas, Weeks 1-39

Disease	Positive Mosquito Pools	Avian	Equine	Sentinel Chicken	Human						TOTAL
					Febrile Illness	Neurologic Illness	Severe Dengue	TOTAL (HUMAN)	Deaths	PVD‡	
CHIKV					27			27			27
DENV					15		2	17			17
EEEV			8	24				0			32
SLEV	4			1				0			5
WNV	1382	14	14		54	122		176	7	28	1586
OTHER ARBOVIRUS*	2										2
TOTAL REPORTS	1388	14	22	25	96	122	2	220	7	28	1669

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

*Other Arbovirus - Tensaw virus or Bunyamwera virus

‡PVD - 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 WNV. 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 reports" column.

Table 2. Arbovirus Activity by County, Weeks 1-39

County	CHIKV*		DENV*		EEEV				SLEV			WNV							OTHER ARBOVIRUS		COUNTY TOTAL		
	M	H	M	H	M	E	SC	H	M	SC	H	M	A	E	SC	H				M		H	
																WNF	WNND	PVD#	TOTAL				
Anderson																		1	1	1			1
Armstrong																		1		1			1
Atascosa															1								1
Bastrop				1																			1
Baylor																		4		4			4
Bell												1											1
Bexar		1										7					2	1	1	3			11
Brazoria												3									1		4
Briscoe																	1			1			1
Cameron												1											1
Carson																		1		1			1
Cass																	1			1			1
Castro																	2			2			2
Collin		2		1								21					1	3		4			28
Concho																		1		1			1
Cooke												7											7
Dallam																			1				
Dallas		6		1								381					11	10	2	21			409
Dawson																		1		1			1
Denton		1		1								44					1	4		5			51
El Paso		2		2						3		17					2	11	1	13			37
Ellis												2											2
Falls																	1			1			1
Floyd																	1	3	1	4			4
Fort Bend		1		1								13						1	1	1			16

County	CHIKV*		DENV*		EEEV				SLEV			WNV								OTHER ARBOVIRUS		COUNTY TOTAL		
	M	H	M	H	M	E	SC	H	M	SC	H	M	A	E	SC	H				M	H			
																WNF	WNND	PVD‡	TOTAL					
Franklin		1																						1
Galveston							24			1										1				26
Gonzales																	1			1				1
Gray																	1			1				1
Gregg																1		1		1				1
Guadalupe																	1			1				1
Hansford																1				1				1
Harris		3		4								397	14			6	18	8	24					442
Hays												1												1
Henderson		1																						1
Hidalgo		1																						1
Houston															1									1
Hunt		1										6				1				1				8
Hutchinson																1								1
Jasper							2																	2
Jefferson												3		2		1	1			2				7
Johnson												21						1	1	1				22
Kaufman																1	1			2				2
King															1									1
Kleberg																		1		1				1
Liberty							3								2									5
Lubbock									1			7				3	7			10				18
Martin																		1	1	1				1
Matagorda																1				1				1
Midland															1									1
Montgomery												60				7	5	2	12					72

County	CHIKV*		DENV*		EEEV				SLEV			WNV							OTHER ARBOVIRUS		COUNTY TOTAL		
	M	H	M	H	M	E	SC	H	M	SC	H	M	A	E	SC	H				M		H	
																WNF	WNND	PVD‡	TOTAL				
Motley																	1			1			1
Newton						2																	2
Nueces												2											2
Orange						1								1					1				2
Parker																		2			2		2
Potter																	1		1	1			1
Randall				1												1	9	3	10				12
Reeves																		1					
Robertson														1									1
Rockwall												3											3
Runnels																	1			1			1
Scurry																	1	1		2			2
Swisher																		1		1			1
Tarrant		1		1								372					3	19		22			396
Taylor												1						1		1			2
Tom Green																		1		1			1
Travis		4		4																			8
Trinity														1									1
Uvalde																		1		1			1
Val Verde																		1		1			1
Victoria														1						0			1
Walker		1																1		1			2
Waller																		1		1			1
Webb																		1		1			1
Wichita												12					1	2		3			15
Williamson		1																		0			1

County	CHIKV*		DENV*		EEEV				SLEV			WNV							OTHER ARBOVIRUS		COUNTY TOTAL	
	M	H	M	H	M	E	SC	H	M	SC	H	M	A	E	SC	H				M		H
																WNF	WNND	PVD‡	TOTAL			
Wise																		1	0			0
Zavala																	1		1			1
Total Number of Reports	0	27	0	17	0	8	24	0	4	1	0	1382	14	14	0	54	122	28	176	2	0	1669

M - mosquito A-avian E-equine SC- sentinel chicken H- human

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

OTHER ARBOVIRUS - Tensaw virus or Bunyamwera virus

*All reported cases are imported.

‡Presumptive viremic blood donors (PVDs) are not included in any of the "total columns".

Figure 1. Texas Counties Reporting any Arbovirus Activity, Weeks 1-39

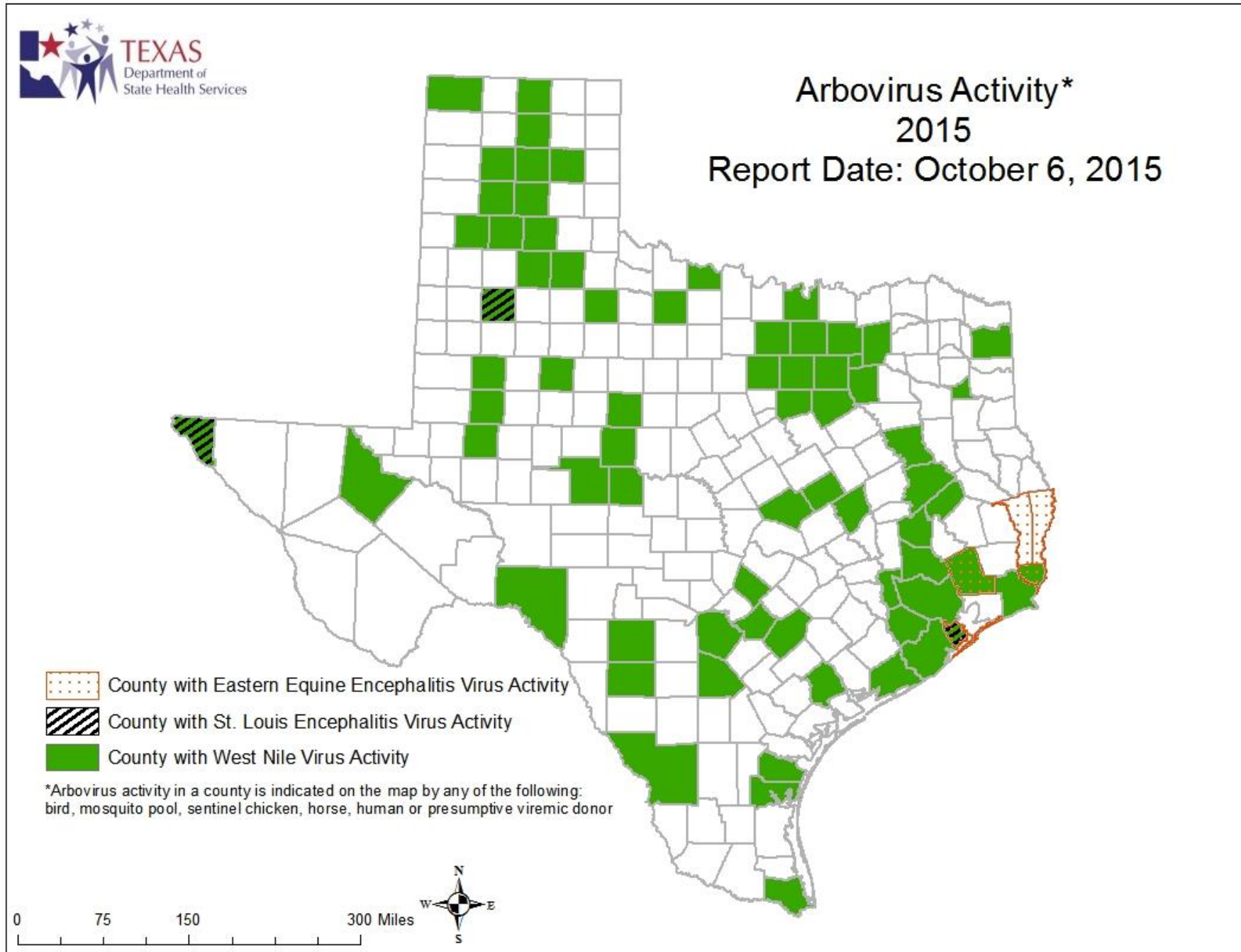


Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2013-2015

