



DSHS Arbovirus Activity Report
Week #39 (ending September 26, 2014)
Report Date: September 30, 2014

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

Virus	Mosquito			Avian	Equine	Human						TOTAL
	DSHS Lab Reports	Non-DSHS Lab Reports	TOTAL (MOSQUITO POOLS)			Fever	Neuroinvasive	Hemorrhagic Fever	TOTAL (HUMAN)	Deaths	PVD‡	
CHIKV*						36			36			36
DENV*						14			14			14
EEEV					3							3
SLEV	5	1	6									6
WNV	292	1609	1901	74	4	56	100		156	2	50	2135
TOTAL REPORTS	297	1610	1907	74	7	106	100	0	206	2		2194

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

*All reported cases are imported.

‡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 West Nile 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 reports" column.

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

County	CHIKV*		DENV*		EEEV			SLEV		WNV							COUNTY TOTAL**
	M	H	M	H	M	E	H	M	H	M	A	E	H				
													WNF	WNND	PVD‡	TOTAL	
Angelina														1	1	1	1
Austin														2		2	2
Bastrop													1			1	1
Bell															1		
Bexar		4												1		1	5
Bowie															1		
Brazoria		1		1						17			4	4		8	27
Brazos										14							14
Briscoe													2			2	2
Cass							1										1
Castro															1		
Collin		1		1						2							4
Crosby														1	2	1	1
Dallas		3								108			6	3	2	9	120
Deaf Smith														1		1	1
Denton		4		1						22			1	1	1	2	29
Ector														1		1	1
El Paso		1		1				2		4			7	5		12	20
Ellis										2			1			1	3
Floyd													1	1		2	2
Fort Bend										13			2	2		4	17
Freestone				1													1
Galveston				1						6				1	1	1	8
Gonzales		1															1
Grayson										4							4
Gregg		1															1
Grimes													1			1	1
Hale													1	1		2	2
Hall													1			1	1
Hardin							1								1		1
Harris		5		1				1		1270	74		10	35	18	45	1396
Haskell													1			1	1
Hays		1															1
Hidalgo														1	1	1	1
Hunt								2									2
Jefferson							1	1		1				1		1	4
Jim Wells															1		
Johnson										5							5

County	CHIKV*		DENV*		EEEV			SLEV		WNV							COUNTY TOTAL**
	M	H	M	H	M	E	H	M	H	M	A	E	H				
													WNF	WNND	PVD‡	TOTAL	
Leon														1		1	1
Liberty														3		3	3
Lubbock													2	1	1	3	3
Madison												1					1
Midland		1												2		2	3
Montgomery		1		1						181		2	5	17	5	22	207
Nueces				1										1		1	2
Ochiltree												1					
Orange										1					1		1
Parker													1			1	1
Potter													1	1	3	2	2
Randall													1	1	3	2	2
Swisher													1			1	1
Tarrant		6								242			4	5	4	9	257
Tom Green				1										1	2	1	2
Travis		5		3						8			1	3		4	20
Uvalde														1		1	1
Walker														1		1	1
Waller													1			1	1
Wichita										1							1
Williamson		1		1													2
Total Number of Reports		36		14		3		6		1901	74	4	56	100	50	156	2194

M-mosquito A-avian E-equine H-human

CHIKV - Chikungunya Virus

DENV - Dengue Virus

EEEV - Eastern Equine Encephalitis Virus

SLEV - Saint Louis Encephalitis Virus

WNV - West Nile Virus

WNF - West Nile Fever

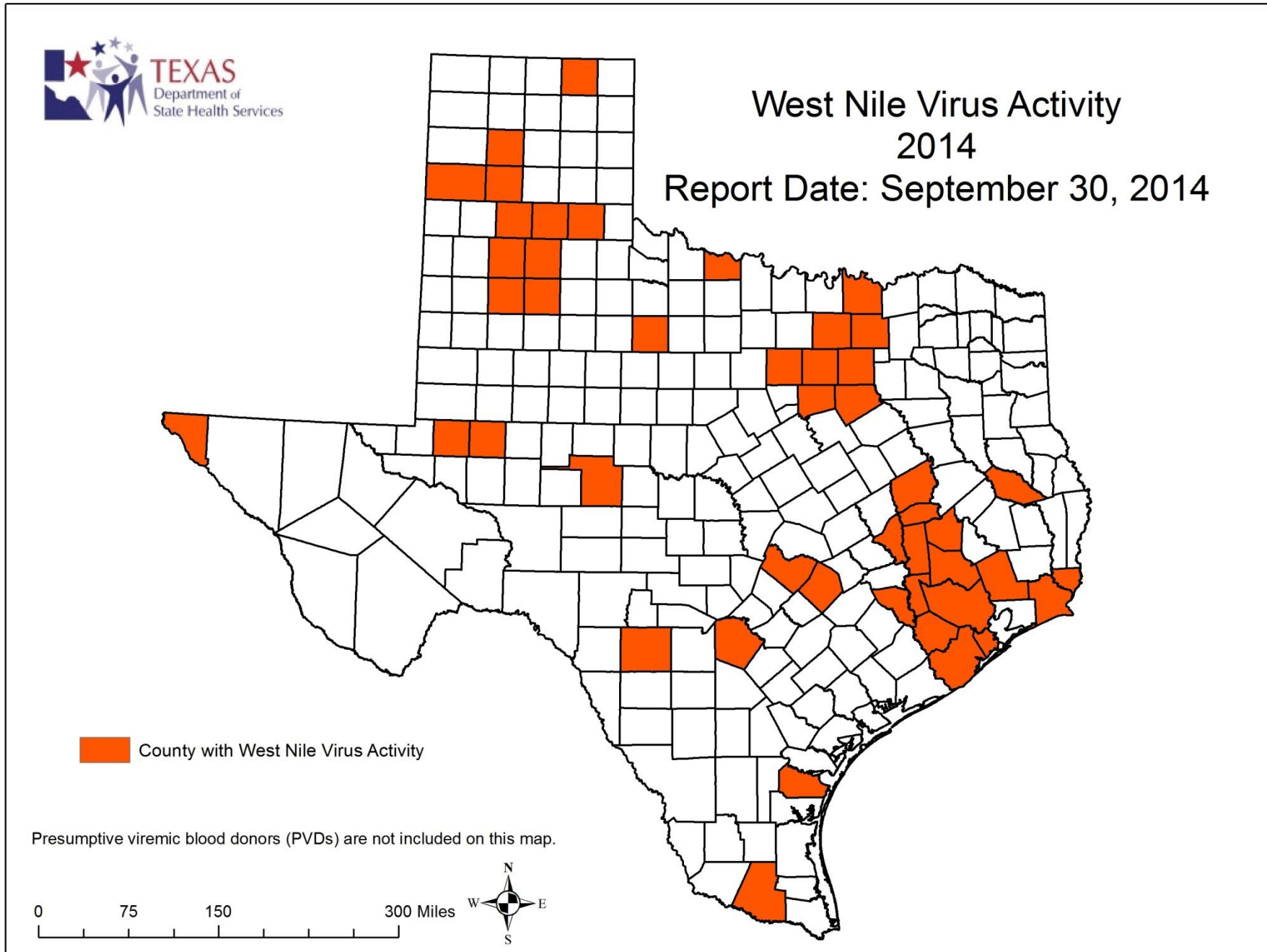
WNND - West Nile Neuroinvasive Disease

*All reported cases are imported.

**Total may not equal the sum of the contributing subtotals because some counties will have reports from multiple species and/or for multiple diseases or disease syndromes.

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

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



A Texas map showing the names of each County is available at www.dshs.state.tx.us/regions/stregctymap.pdf.

Figure 2. Epidemiologic Curve of Mosquito WNV Activity, 2011-2014

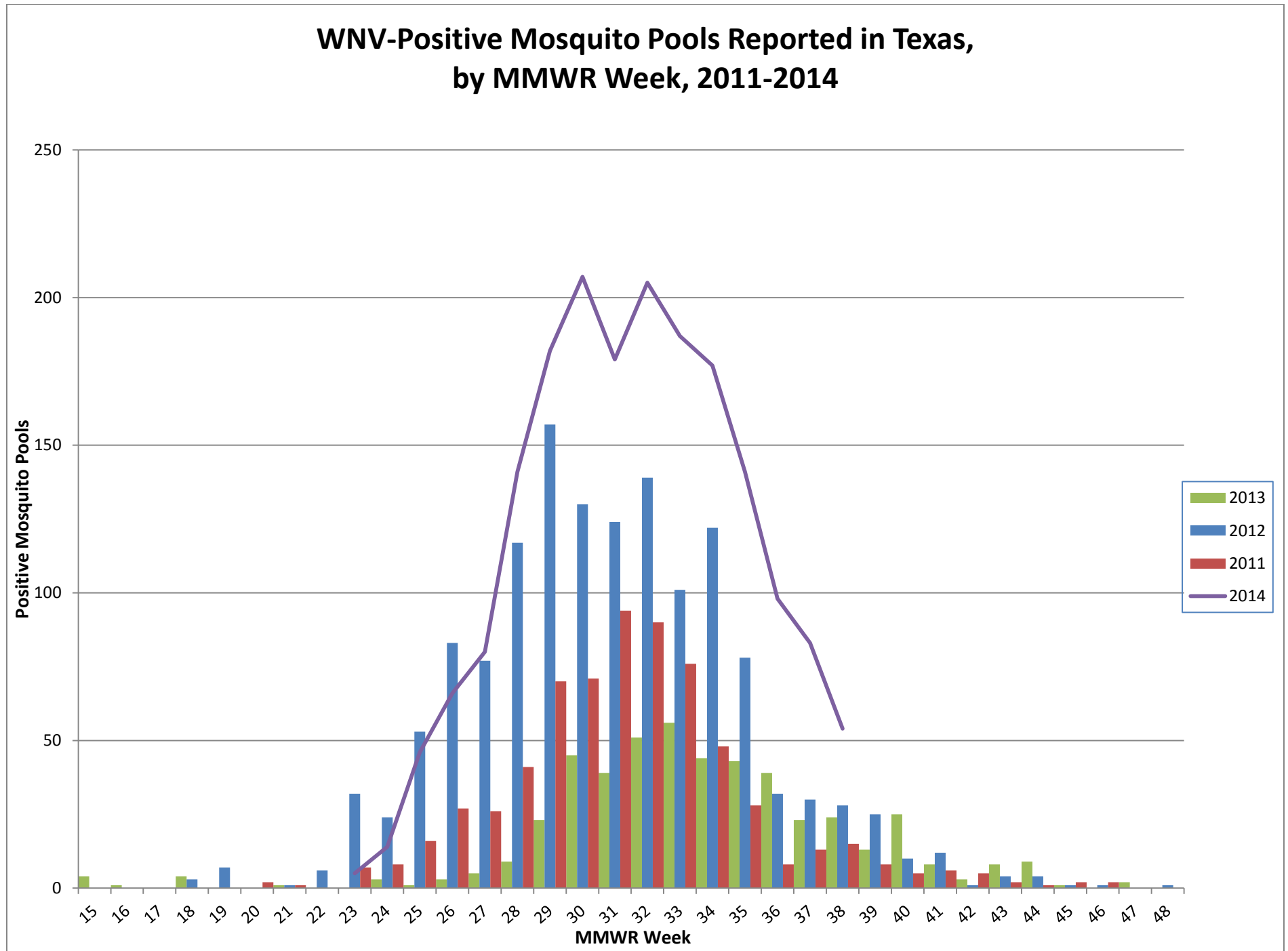
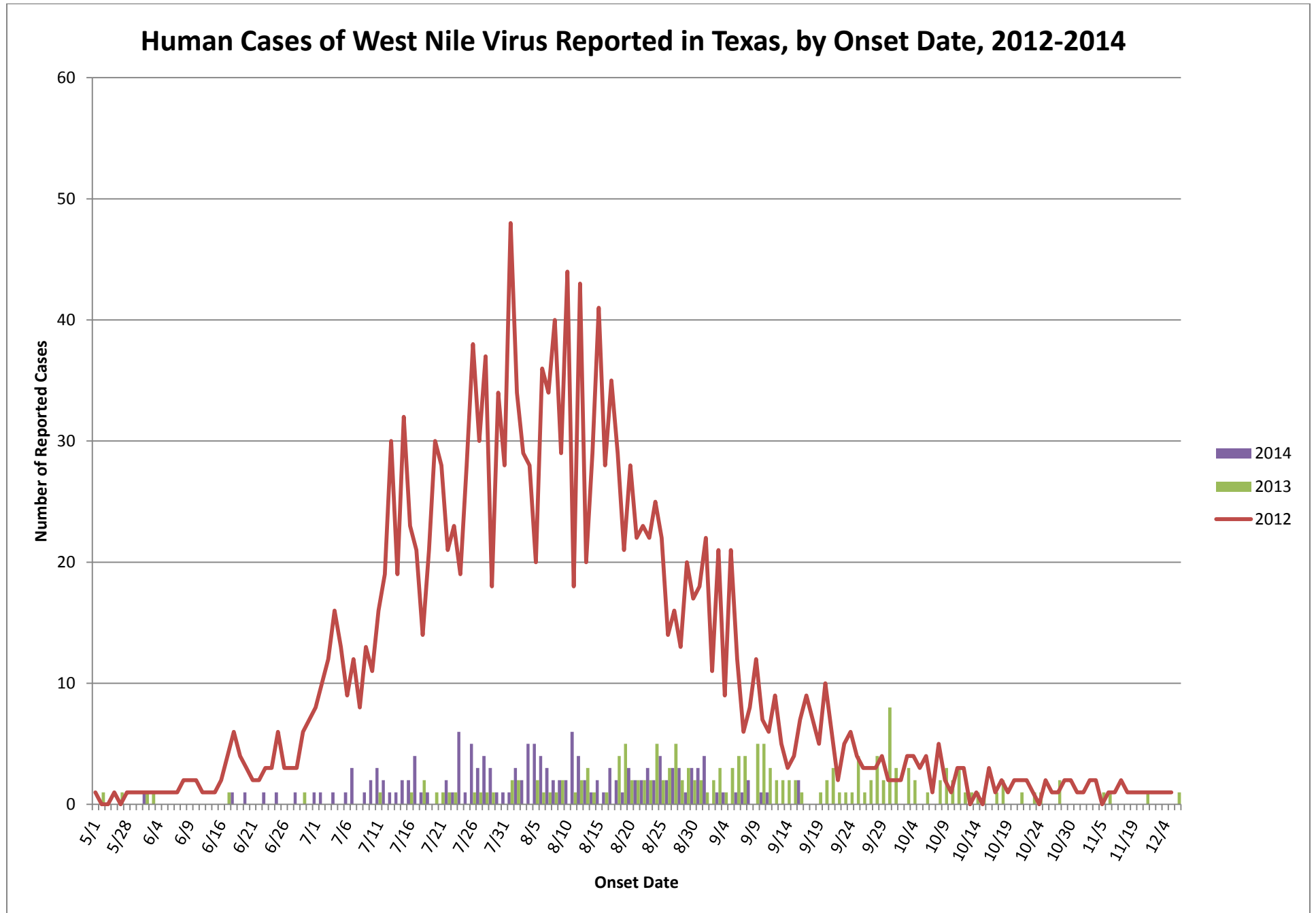


Figure 3. Epidemiologic Curve of Human WNV Activity, 2012-2014



For more detailed information about arboviruses found in Texas, please visit <http://www.dshs.state.tx.us/idcu/disease/arboviral/>.