



**2024 DSHS Arbovirus Activity Report
Week #41 (ending October 12, 2024)
Report Date: October 15, 2024**

Table 1. 2024 Arbovirus Activity Summary, Texas, Week 41

Arbovirus	Mosquito Pools	Avian	Veterinary	Sentinel Chicken	Human					
					Febrile Illness	Neurologic Illness	Severe Dengue	TOTAL (HUMAN)	Deaths	PVD ²
California Serogroup ¹								0		
Chikungunya					11			11		
Dengue					72		6	78	1	
Eastern Equine Encephalitis			2					0		
St. Louis Encephalitis	8							0		
West Nile	3195	37	15	3	31	64		95	9	87
Zika								1		
TOTAL REPORTS	3203	37	17	3	114	64	6	185	10	87

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 (HUMAN)" column.

Note: Human mortality from arboviral conditions is aggregated and reported monthly once documentation has been received and verified.

For more detailed information about West Nile virus, including past weekly and annual reports, please visit <https://www.dshs.texas.gov/mosquito-borne-diseases/dshs-arbovirus-weekly-activity-reports>

For more detailed information about Zika, please visit <http://www.texaszika.org/>

Please note that arbovirus weekly reports are weekly snapshots of preliminary DSHS data and may change at any time due to quality assurance procedures. The final weekly report of each year is not complete data for the year and should not be used to draw conclusions regarding annual activity. Refer to our annual summary reports for finalized, complete data or contact wv@dshtexas.gov to request additional data or with any questions.

Table 2. 2024 Aedes-Associated Arbovirus Activity by County†, Week 41

County	CHIKV*		DENV*		ZIKV*		
	M	H	M	H	M	H	PVD
Bexar		1		5			
Brazoria				1			
Collin		4		9			
Cooke				1			
Dallas		1		8			
Denton				6			
El Paso				4			
Fort Bend		3		5			
Grayson				1			
Hays				2			
Hidalgo				2			
Kaufman				1			
Maverick				2			
McCulloch				1			
McMullen				1			
Mills				1			
Montgomery				6			
Parker				1			
Rains				1			
Tarrant		1		4			
Taylor				1			
Tom Green				2			
Travis				9			
Val Verde				1			
Victoria				1			
Williamson		1		2			
Total Number of Reports	0	11	0	78	0	1	0

M- mosquito H- human PVD- Presumptive viremic blood donors

CHIKV - Chikungunya Virus

DENV - Dengue Virus

ZIKV - Zika Virus

*All reported cases are imported.

†County level data is not reported for conditions with <5 cases reported in a year.

Table 3. 2024 Other Arbovirus Activity by County†, Week 41

County	CAL		EEEV				SLEV			WNV								
	M	H	M	V	SC	H	M	SC	H	M	A	V	SC	H				
														WNF	WNND	PVD‡	TOTAL	
Armstrong										0		1						0
Bell										43						1		1
Bexar										37				1	1	4		2
Bowie										0					1			1
Brazoria										7								0
Brazos										21								0
Briscoe										0		1						0
Brooks										0		1						0
Burleson										1								0
Clay										0					1			1
Collin										93					2	5		2
Comal										0						1		0
Cooke										8		1		1				1
Crosby										1								0
Dallam										0						1		0
Dallas										688		1		5	3	6		8
Denton										78				1	4	4		5
Eastland										0		1						0
Ector										0						1		0
El Paso								2		4								0
Ellis										47						2		0
Erath										0		2						0
Floyd										1								0
Fort Bend										32					1			1
Galveston										3			3			1		0
Grayson										0		1						0
Grimes										3								0
Hale										1								0
Harris										683	35			2	10	23		12
Haskell										0		1						0
Hays										8				1				1
Henderson										0					1			1
Hidalgo										0				1	1			2
Hood										0					1	1		1
Houston				2						0								0
Hunt										17								0
Jefferson										22						1		0
Jim Wells										17						1		0

Johnson									80		1				2	0	
Kaufman									4						1	0	
King									0	1						0	
Kleberg									6							0	
Leon									1							0	
Lubbock							6		55		1			1	2	1	
Lynn									0						1	0	
McLennan									0		1		1	1	2	2	
Midland									23				1		1	1	
Moore									0						1	0	
Montague									0				1			1	
Montgomery									258				2	5	15	7	
Nueces									17							0	
Orange									18						1	0	
Parker									0					1		1	
Potter									3							0	
Randall									3		1				1	0	
Rockwall									3							0	
San Patricio									5							0	
Smith									0	1						0	
Tarrant									691		1		8	21	4	29	
Taylor									1							0	
Terry									0					1		1	
Travis									97				3	1	4	4	
Webb									7							0	
Walker									0				1	1		2	
Wichita									43					4	1	4	
Williamson									65				2			2	
Young									0					1		1	
Total Number of Reports	0	0	0	2	0	0	8	0	0	3195	37	15	3	31	64	87	95

M - mosquito A-avian V-veterinary SC- sentinel chicken H- human WNF - West Nile Fever WNND - West Nile Neuroinvasive Disease

CAL - California Serogroup Viruses

EEEV - Eastern Equine Encephalitis Virus

SLEV - St. Louis Encephalitis Virus

WNV - West Nile Virus

†County level data is not reported for conditions with <5 cases reported in a year.

‡PVDs are not included in the "Total" column.

Figure 1. Texas Counties Reporting Arbovirus Activity, Week 41

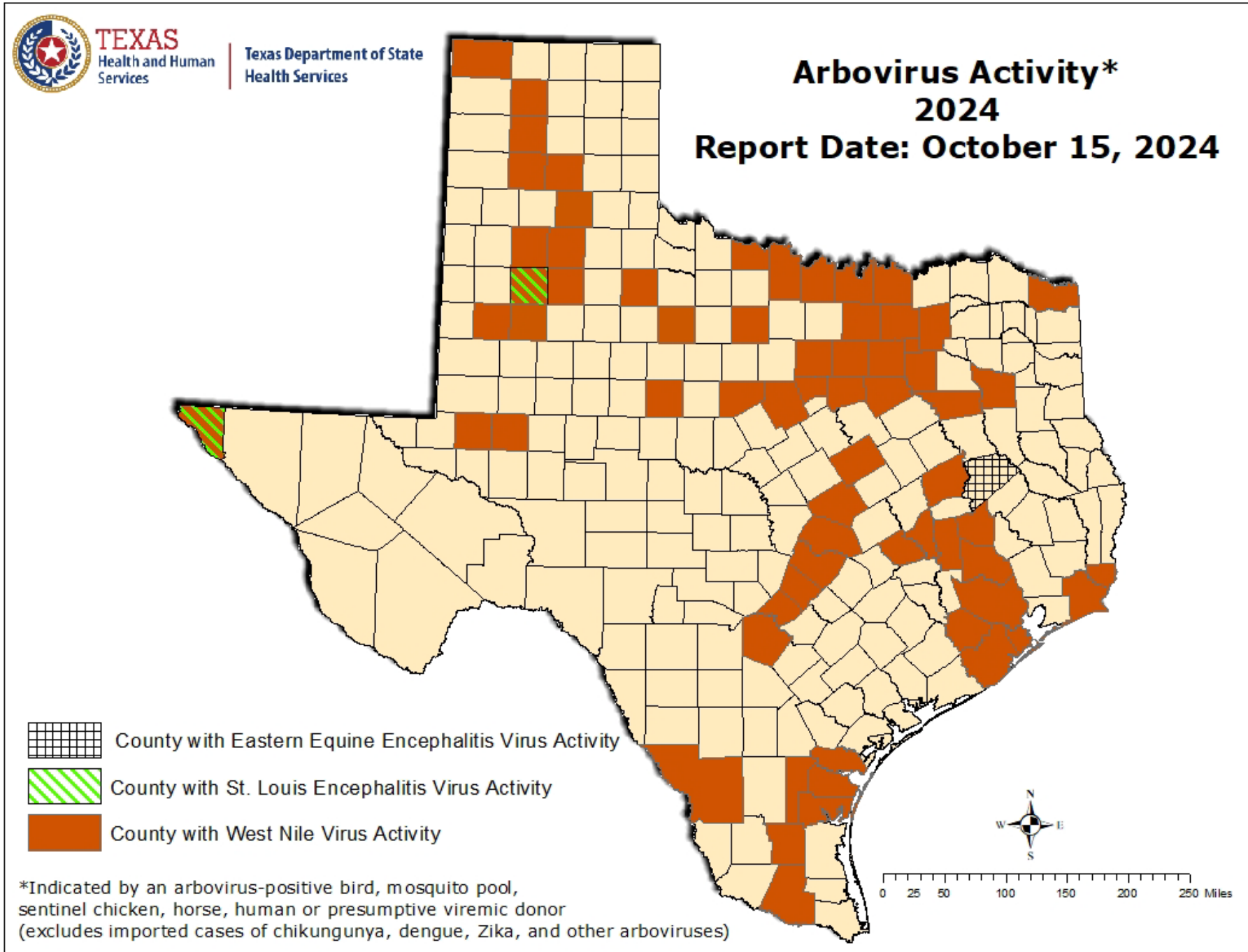


Figure 2. WNV-Positive Mosquito Pools Reported in Texas, by MMWR Week of Collection, 2022-2024, Week 41

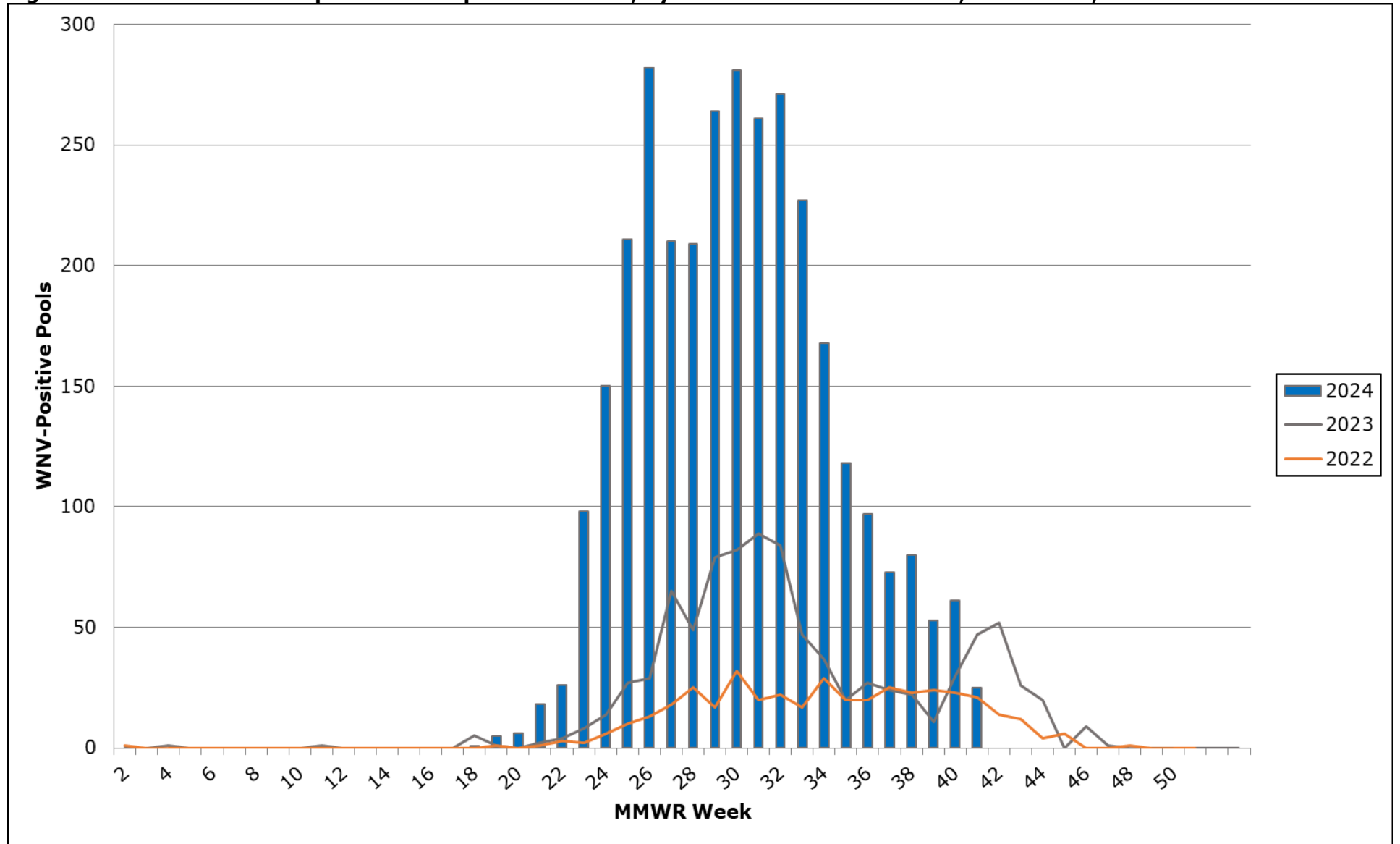


Figure 3. Human Cases of West Nile Virus Reported in Texas, by MMWR Week of Onset, 2022-2024, Week 41

