



**2024 DSHS Arbovirus Activity Report
Week #42 (ending October 19, 2024)
Report Date: October 22, 2024**

Table 1. 2024 Arbovirus Activity Summary, Texas, Week 42

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					76		6	82	1	
Eastern Equine Encephalitis			2					0		
St. Louis Encephalitis	8							0		
West Nile	3211	37	16	13	34	70		104	9	88
Zika								1		
TOTAL REPORTS	3219	37	18	13	121	70	6	198	10	88

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 42

County	CHIKV*		DENV*		ZIKV*		
	M	H	M	H	M	H	PVD
Bexar		1		5			
Brazoria				1			
Cameron				1			
Collin		4		9			
Cooke				1			
Dallas		1		9			
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		5			
Taylor				1			
Tom Green				2			
Travis				9			
Val Verde				2			
Victoria				1			
Williamson		1		2			
Total Number of Reports	0	11	0	82	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 42

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										24								0
Briscoe										0		1						0
Brooks										0		1						0
Burleson										1								0
Cameron										1								0
Clay										0					1			1
Collin										94					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	5	4		6
Eastland										0		1						0
Ector										0						1		0
El Paso							2			4				1				1
Ellis										47						2		0
Erath										0		2						0
Floyd										1								0
Fort Bend										33					1			1
Galveston										3			13			1		0
Grayson										0		1						0
Grimes										3								0
Hale										1								0
Harris										684	35			2	12	24		14
Haskell										0		1						0
Hays										8				2				2
Henderson										0					1			1
Hidalgo										0				1	1			2
Hood										0					1	1		1
Hopkins										0		1						0
Houston				2						0								0
Hunt										19								0

Jefferson									22							1	0
Jim Wells									19							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	2		2	3
Midland									23				1			1	1
Moore									0							1	0
Montague									0				1				1
Montgomery									261				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		9	21		4	30
Taylor									1								0
Terry									0					1			1
Travis									98				3	1		4	4
Webb									7								0
Walker									0				1	1			2
Wichita									43					6		1	6
Williamson									66				2				2
Young									0					1			1
Total Number of Reports	0	0	0	2	0	0	8	0	0	3211	37	16	13	34	70	88	104

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 42

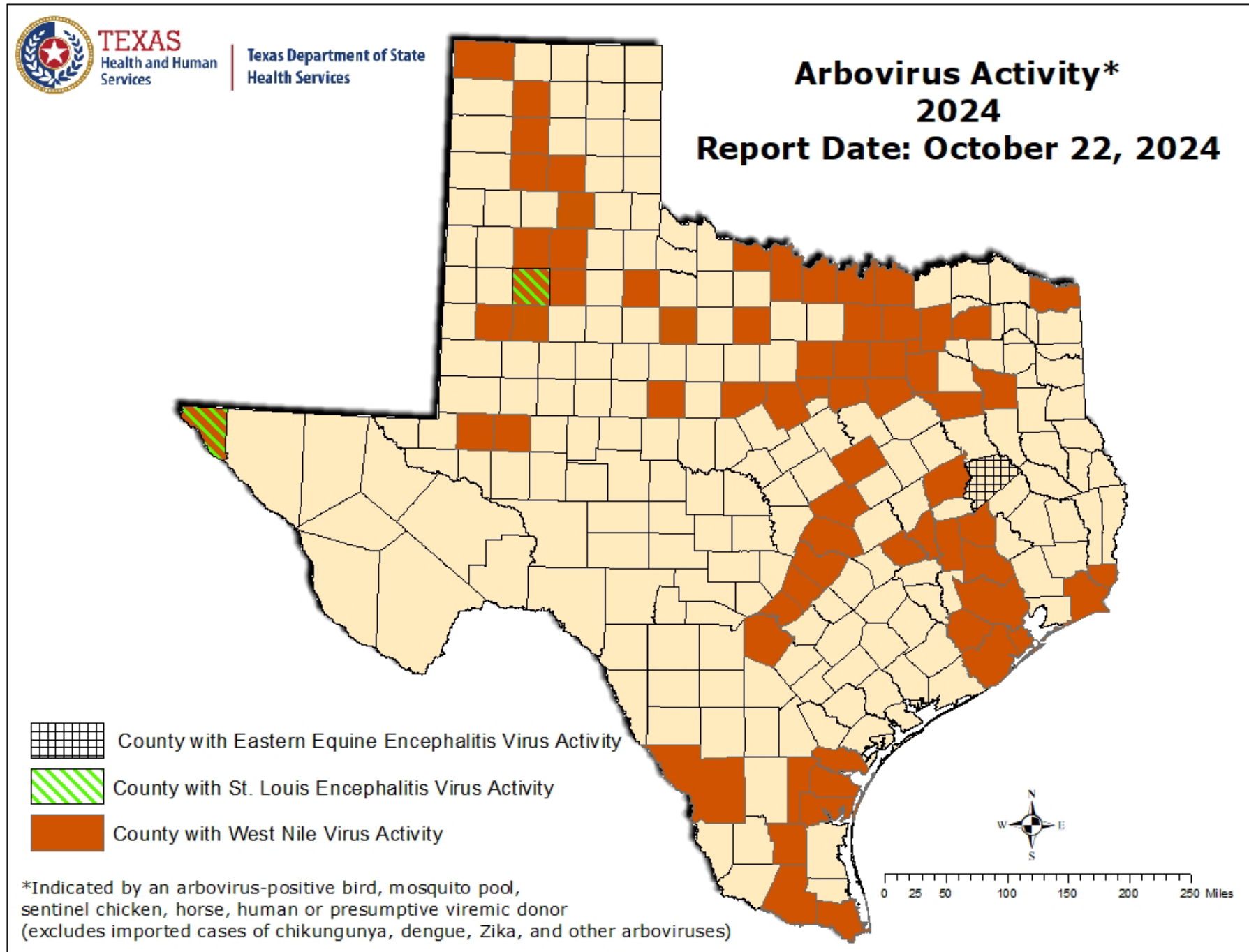


Figure 2. WNV-Positive Mosquito Pools Reported in Texas, by MMWR Week of Collection, 2022-2024, Week 42

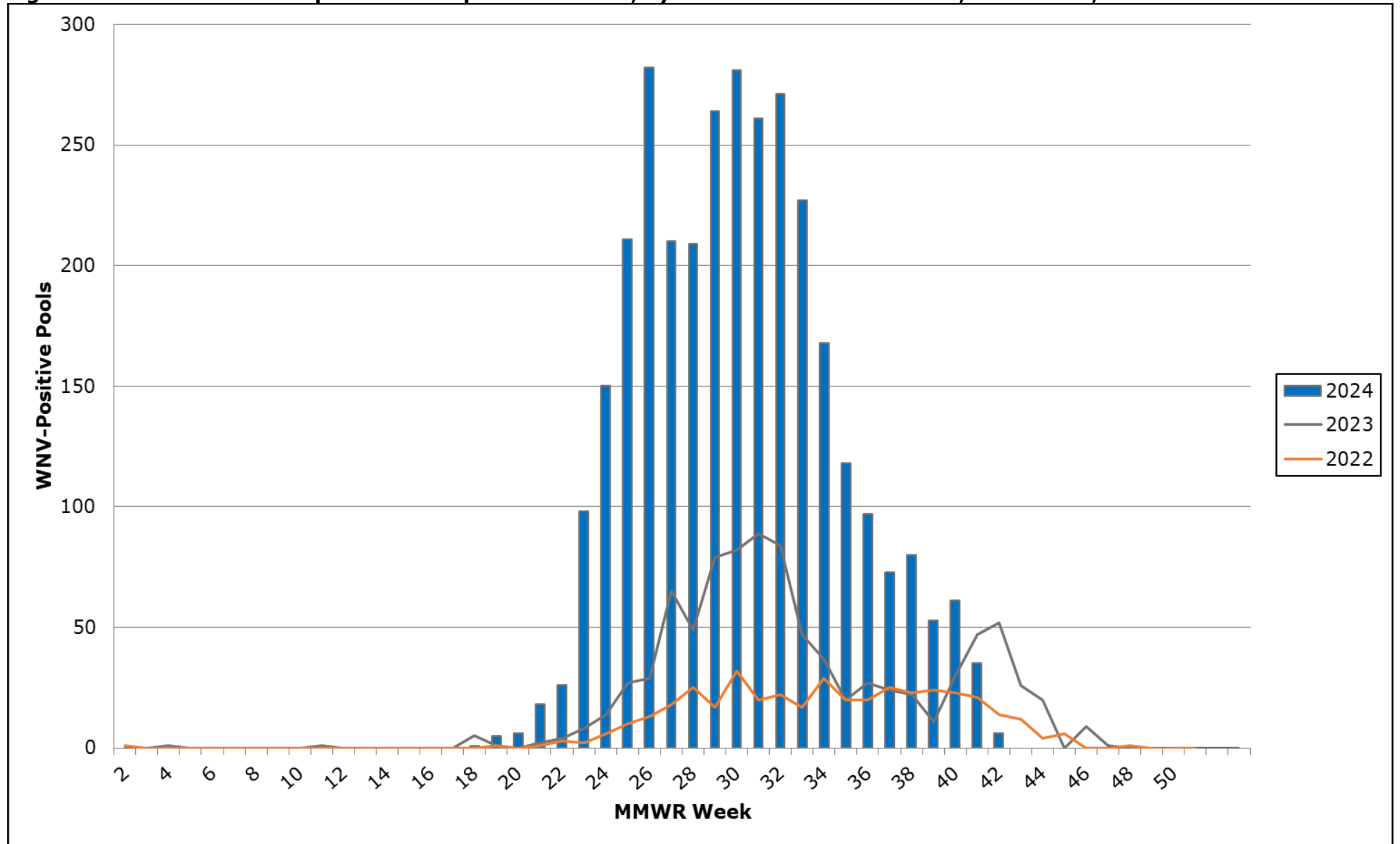


Figure 3. Human Cases of West Nile Virus Reported in Texas, by MMWR Week of Onset, 2022-2024, Week 42

