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2020 DSHS Arbovirus Activity Report
Week #47 (ending November 21, 2020)
Report Date: Nov 24, 2020

Table 1. 2020 Arbovirus Activity Summary, Texas, Week 47

| Arbovirus | 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					2			2			2
Dengue					24			24			24
Eastern Equine Encephalitis								0			0
St. Louis Encephalitis	16			1				0			17
West Nile	1388	1	3	1	8	54		62	10	30	1455
Zika								0			0
TOTAL REPORTS	1404	1	3	2	34	54	0	88	10	30	1498

[1]California Serogroup includes California encephalitis, Jamestown Canyon, Keystone, La Crosse, snowshoe hare, and trivittatus viruses.
[2]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 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.

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
http://www.dshs.texas.gov/idcu/disease/arboviral/westNile/

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

Table 2. 2020 *Aedes*-Associated Arbovirus Activity by County†, Week 47

County	CHIKV*		DENV**		ZIKV*			COUNTY TOTAL
	M	H	M	H	M	H	PVD‡	
Bastrop				1				1
Brazos				1				1
Cameron				1				1
Collin				1				1
Ector				1				1
Fort Bend				2				2
Harris				3				3
Hays				1				1
Hidalgo				6				6
Travis				2				2
Webb				5				5
Total Number of Reports	0	2	0	24	0	0	0	26

M - mosquito H- human

CHIKV - Chikungunya Virus

DENV - Dengue Virus

ZIKV - Zika Virus

*All reported cases are imported.
**Includes cases transmitted by mosquitoes in Texas: Hidalgo County (2).
†County level data is not reported for conditions with <5 cases reported in a year.
‡PVDs are not included in the "County Total" column.

Table 3. 2020 Other Arbovirus Activity by County†, Week 47

County	CAL M	CAL H	EEEV M	EEEV E	EEEV SC	EEEV H	SLEV M	SLEV SC	SLEV H	WNV M	WNV A	WNV E	WNV SC	H WNF	H WNND	H PVD‡	H TOTAL	COUNTY TOTAL
Bexar										2							0	2
Brazoria										1							0	1
Brazos										4					1		1	5
Cameron							1								1		1	2
Coke																1	0	0
Collin										53				1	3		4	57
Dallas										481				5	13	4	18	499
Denton										53					5	2	5	58
Ellis															1		1	1
El Paso							3			6							0	9
Galveston								1					1				0	2
Hardeman												1					0	1
Harris										23	1				1		1	25
Hidalgo															2		2	2
Hood																1	0	0
Hunt										1							0	1
Jefferson																2	0	0
Johnson										11							0	11
Jones												1					0	1
Kleberg							5										0	5
Lubbock							2			4							0	6
Montgomery										102				1	3	4	4	106
Nueces							5			2							0	7
Orange															1	2	1	1
Red River															1		1	1
Tarrant										592				1	15	12	16	608
Taylor												1					0	1
Travis										36					4	1	4	40
Webb										1							0	1
Williamson										16					3	1	3	19
Total Number of Reports	0	0	0	0	0	0	16	1	0	1388	1	3	1	8	54	30	62	1472

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

CAL - California Serogroup Viruses
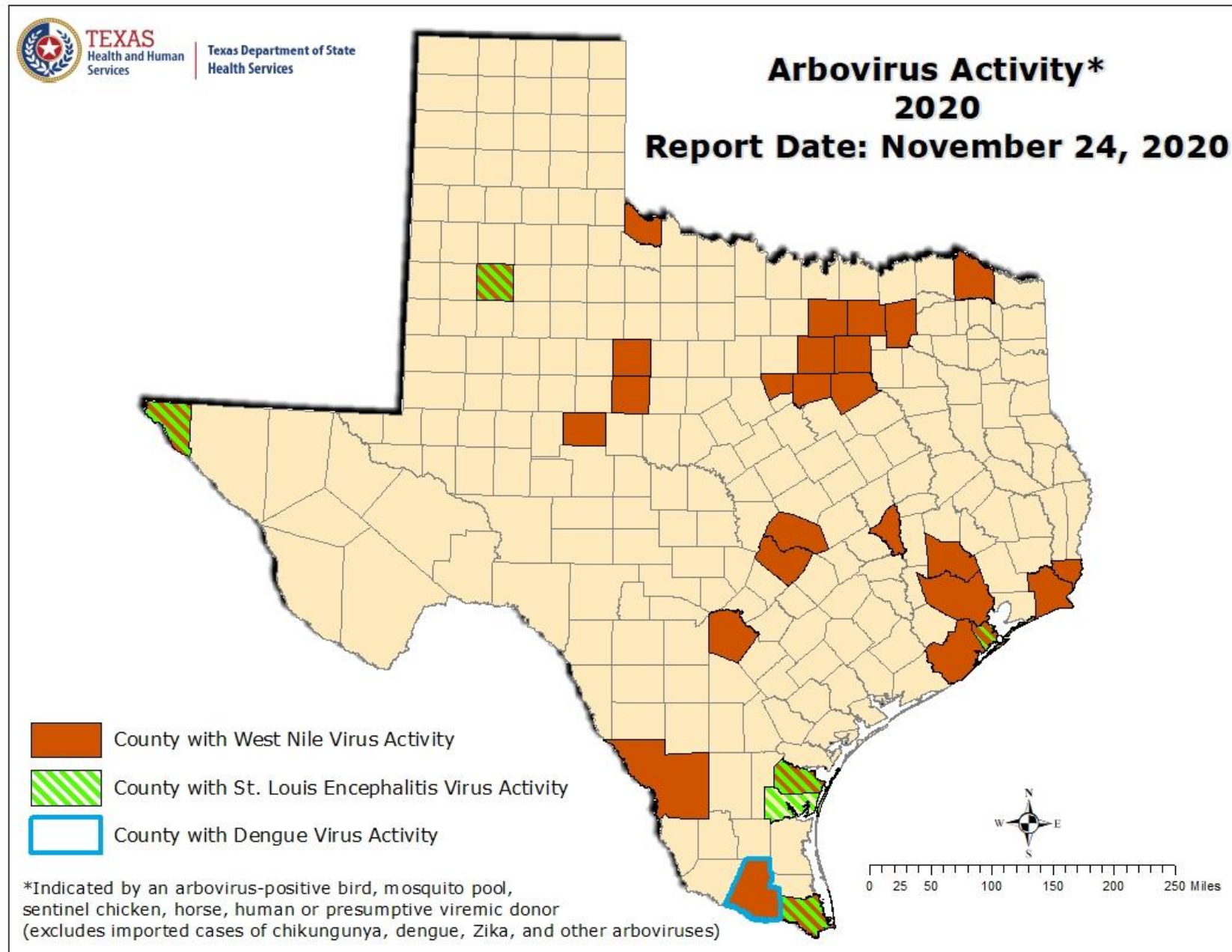
EEEV - Eastern Equine Encephalitis Virus

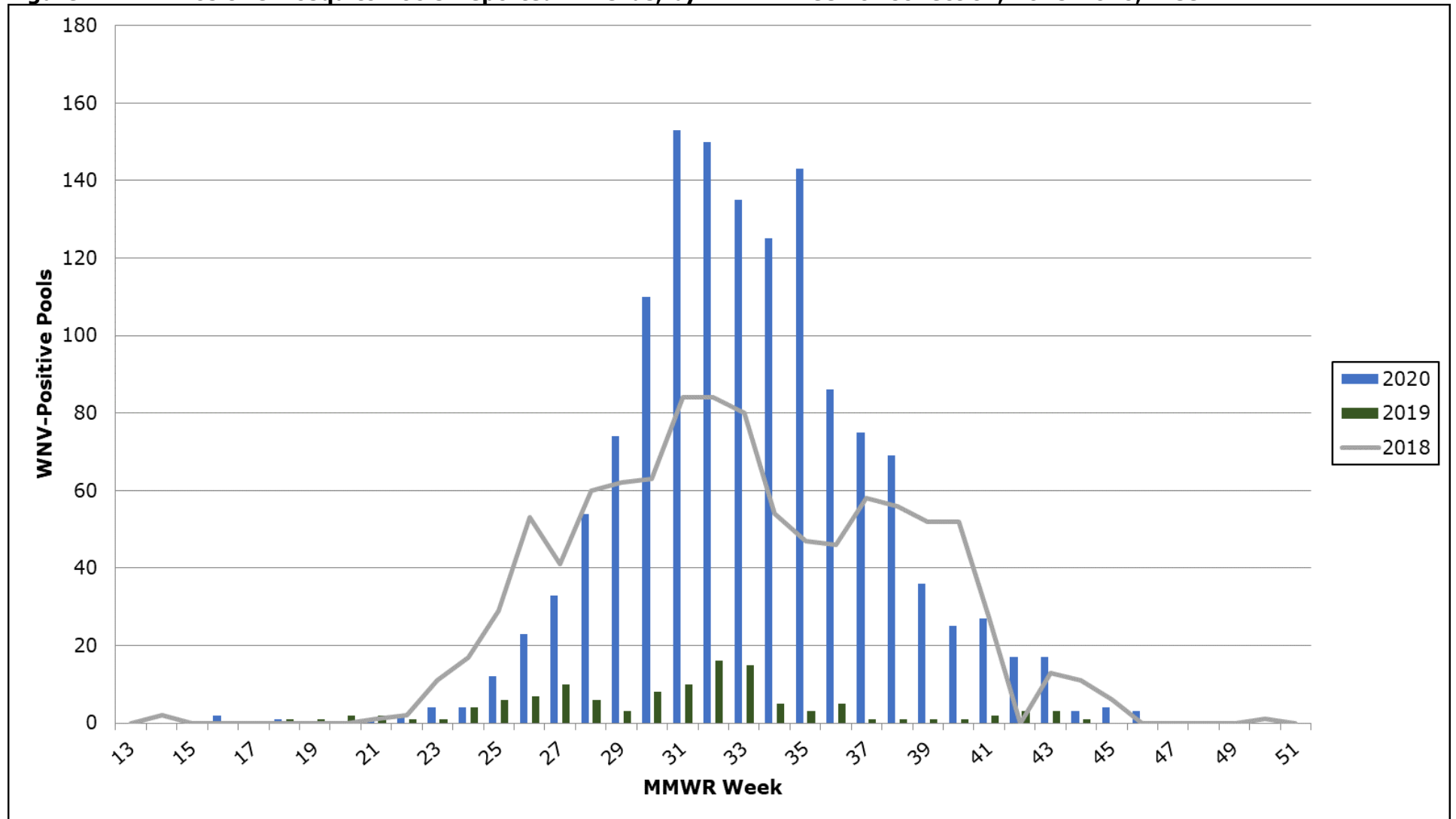SLEV - St. Louis Encephalitis Virus

WNV - West Nile Virus

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

‡PVDs are not included in any of the "total" columns.

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Figure 1. Texas Counties Reporting Arbovirus Activity, Week 47

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Arbovirus Activity*
2020
Report Date: November 24, 2020

County with West Nile Virus Activity

County with St. Louis Encephalitis Virus Activity

County with Dengue Virus Activity

*Indicated by an arbovirus-positive bird, mosquito pool, sentinel chicken, horse, human or presumptive viremic donor (excludes imported cases of chikungunya, dengue, Zika, and other arboviruses)

Figure 2. WNV-Positive Mosquito Pools Reported in Texas, by MMWR Week of Collection, 2018-2020, Week 47

Figure 3. Human Cases of West Nile Virus Reported in Texas, by MMWR Week of Onset, 2018-2020, Week 47