

Chronic Wasting Disease Surveillance Weekly Update

March 09, 2018

CWD surveillance efforts have been under way since March 1, 2017. Statewide CWD sampling goals for the 2017-18 collection year are to collect approximately 6,735 samples, and all samples within the CWD designated zones. Wildlife Division staff are collecting CWD samples from a variety of locations which include, road kill deer, locker plants and deer processors, private ranches, WMA and State Parks, and check stations. The first sample reported for this season was collected on March 1, 2017 and was a Roadkill deer. Exotic species which have been sampled include axis deer, fallow deer, red stag, sika, and elk. A total of 10,104 CWD samples have been collected to date which is approximately 150.02% of the statewide goal of 6,735 samples. Summary of current results are listed below along with maps illustrating distribution of CWD samples.

SUMMARY

Table 1. CWD sample totals by species of deer and sex.

	Doe/Cow	Buck/Bull	Unknown	Total
Elk	16	7	0	23
Exotic Deer	24	34	1	59
Mule Deer	75	622	19	716
White-tailed Deer	3706	5423	177	9306
Grand Total	3821	6086	197	10104

Table 2. CWD sample totals by species of deer and type of mortality. "Other Mortality" includes sick deer, poached deer, deer collected for training or research.

	Road Kill	Hunter Harvest	Other	Unknown	Total
Elk	2	21	0	0	23
Exotic Deer	21	38	0	0	59
Mule Deer	85	609	21	1	716
White-tailed Deer	2095	7049	151	11	9306
Grand Total	2203	7717	172	12	10104

Table 3. CWD sample totals for white-tailed deer by sex and age class.

White-tailed Deer	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5+	Unknown
Doe/Cow	95	604	790	855	518	327	235	107	82	93
Buck/Bull	59	1381	1006	1289	866	391	214	74	31	112
Sex Unknown	3	34	32	30	19	12	7	2	3	35
Grand Total	157	2019	1828	2174	1403	730	456	183	116	240

Table 4. CWD sample totals for mule deer by sex and age class.

Mule Deer	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5+	Unknown
Doe/Cow	4	8	10	13	11	6	5	11	5	2
Buck/Bull	3	38	68	139	134	100	59	23	30	28
Sex Unknown	0	2	3	5	3	0	2	0	0	4
Grand Total	7	48	81	157	148	106	66	34	35	34

Table 5. CWD sample totals by species of deer and CWD zones.

	Elk	Exotic Deer	Mule Deer	White-tailed Deer	Total
Trans Pecos Containment Zone 1	1	0	93	0	94
Trans Pecos Surveillance Zone 1	3	0	122	0	125
Panhandle Containment Zone 2	11	0	162	79	252
Panhandle Surveillance Zone 2	0	0	64	35	99
South-Central TX Containment Zone 3	0	3	0	492	495
South-Central TX Surveillance Zone 3	0	6	0	765	771
Grand Total	15	9	441	1371	1836

Table 6. CWD sample totals by species of deer and check stations.

	Elk	Exotic Deer	Mule Deer	White-tailed Deer	Total
62/180	0	0	14	1	15
Cornudas	0	0	38	0	38
Dalhart	4	0	102	62	168
Hondo	0	16	7	1570	1593
Tarpley	0	4	0	286	290
VanHorn	0	0	85	0	85
Vega	3	0	93	38	134
Grand Total	7	20	339	1957	2323

Table 7. CWD sample totals by species of deer and Wildlife Division District.

	Elk	Exotic Deer	Mule Deer	White-tailed Deer	Total
District 1	7	0	331	71	409
District 2	14	0	381	397	792
District 3	0	0	1	1612	1613
District 4	1	38	3	1887	1929
District 5	0	1	0	1015	1016
District 6	0	0	0	676	676
District 7	1	0	0	854	855
District 8	0	20	0	2794	2814
Grand Total	23	59	716	9306	10104

Table 8. CWD sample collection effort by Deer Management Unit (DMU).

DMU	CWD Samples Collected	DMU Goal	Percent of Goal
01	297	148	200.68%
02	20	112	17.86%
03	65	60	108.33%
04	230	148	155.41%
05	505	300	168.33%
06	443	222	199.55%
07 North	358	300	119.33%
07 South	1850	433	427.25%
08 West	470	433	108.55%
08 East	450	433	103.93%
09	246	112	219.64%
10	183	148	123.65%
11	474	300	158.00%
12	224	148	151.35%
13	87	112	77.68%
14	269	112	240.18%
15	185	112	165.18%
16	59	60	98.33%
17	236	112	210.71%
18	186	112	166.07%
19 North	304	148	205.41%
19 South	230	222	103.60%
20	141	112	125.89%
21	29	60	48.33%
21 North	31	60	51.67%
22	84	60	140.00%
23	308	300	102.67%
24	225	222	101.35%
25	170	148	114.86%
25 South	232	222	104.50%
26	72	60	120.00%
27	244	222	109.91%
28	118	112	105.36%
29 North	95	112	84.82%
29 South	222	222	100.00%
30	223	148	150.68%
31	35	60	58.33%
31 East	30	60	50.00%
31 West	233	60	388.33%
32	103	60	171.67%
33	129	148	87.16%
Urban Houston	6	Road kills	---%
Urban San Antonio	3	Road kills	---%
Urban Valley	0	Road kills	---%
All DMUs	10104	6735	150.02%

Table 9. CWD Positive Samples by Calendar Year (January 1 - December31).

CWD ZONES	SUSCEPTIBLE SPECIES	2012	2013	2014	2015	2016	2017	2018	Total
Trans Pecos	<i>Mule Deer - Free Range</i>	6	0	1	0	1	6	1	15
Panhandle	<i>Mule Deer - Free Range</i>	0	0	0	0	1	4	0	5
	<i>Elk - Free Range</i>	0	0	0	0	1	0	0	1
	<i>White-tailed Deer – Free Range</i>	0	0	0	0	0	1	0	1
South Central Texas	<i>White-tailed Deer - Free Range</i>	0	0	0	0	0	1	0	1
	<i>White-tailed Deer - Breeder Pen</i>	0	0	0	5	21	13	13	52
	<i>White-tailed Deer - Breeder Release Site</i>	0	0	0	0	2	5	4	11
	<i>Elk - Breeder Release Site</i>	0	0	0	0	0	1	0	1
	Total		6	0	1	5	26	31	18

Figure 1. Running total of weekly CWD samples collected.

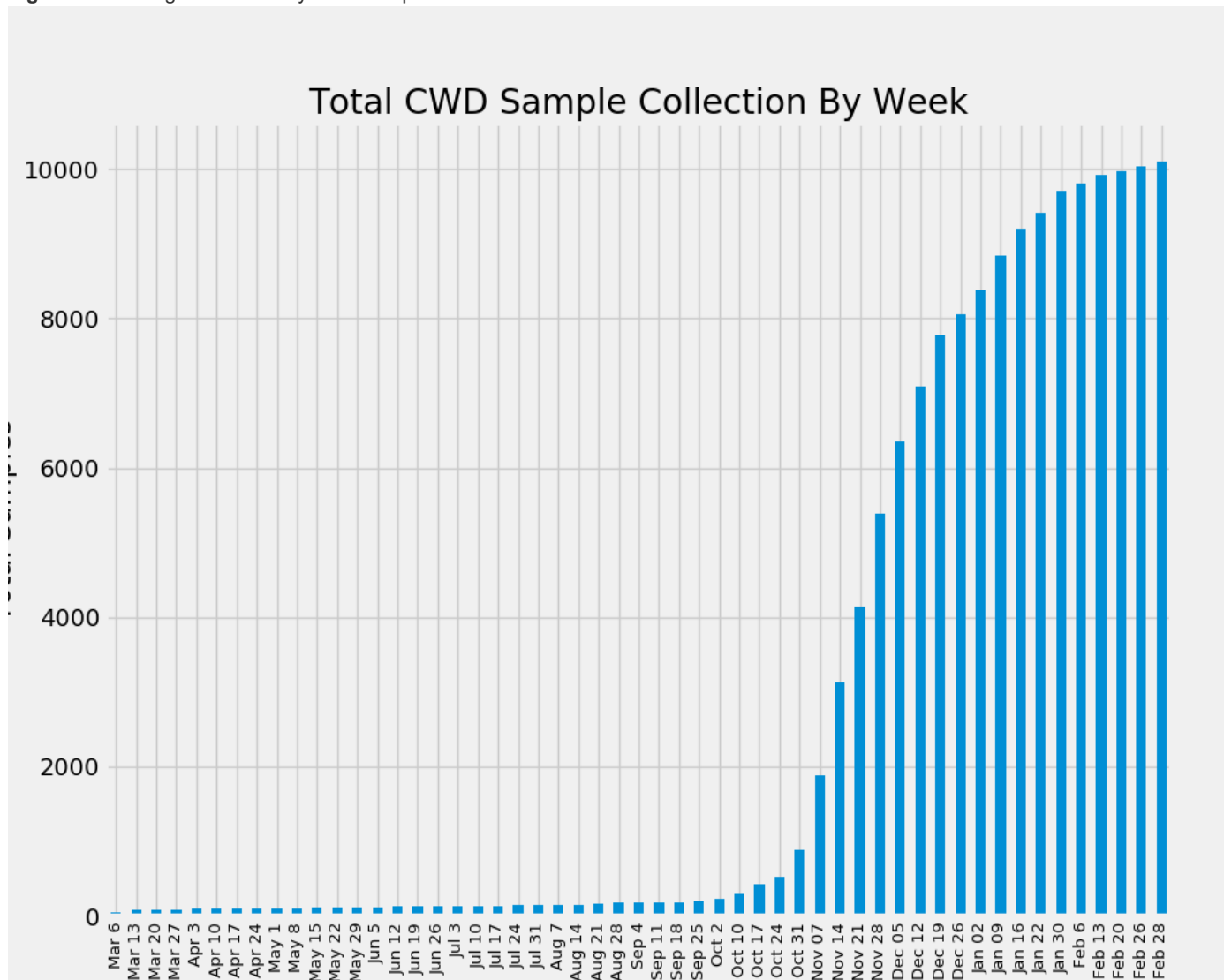


Figure 2. New CWD samples collected by week.

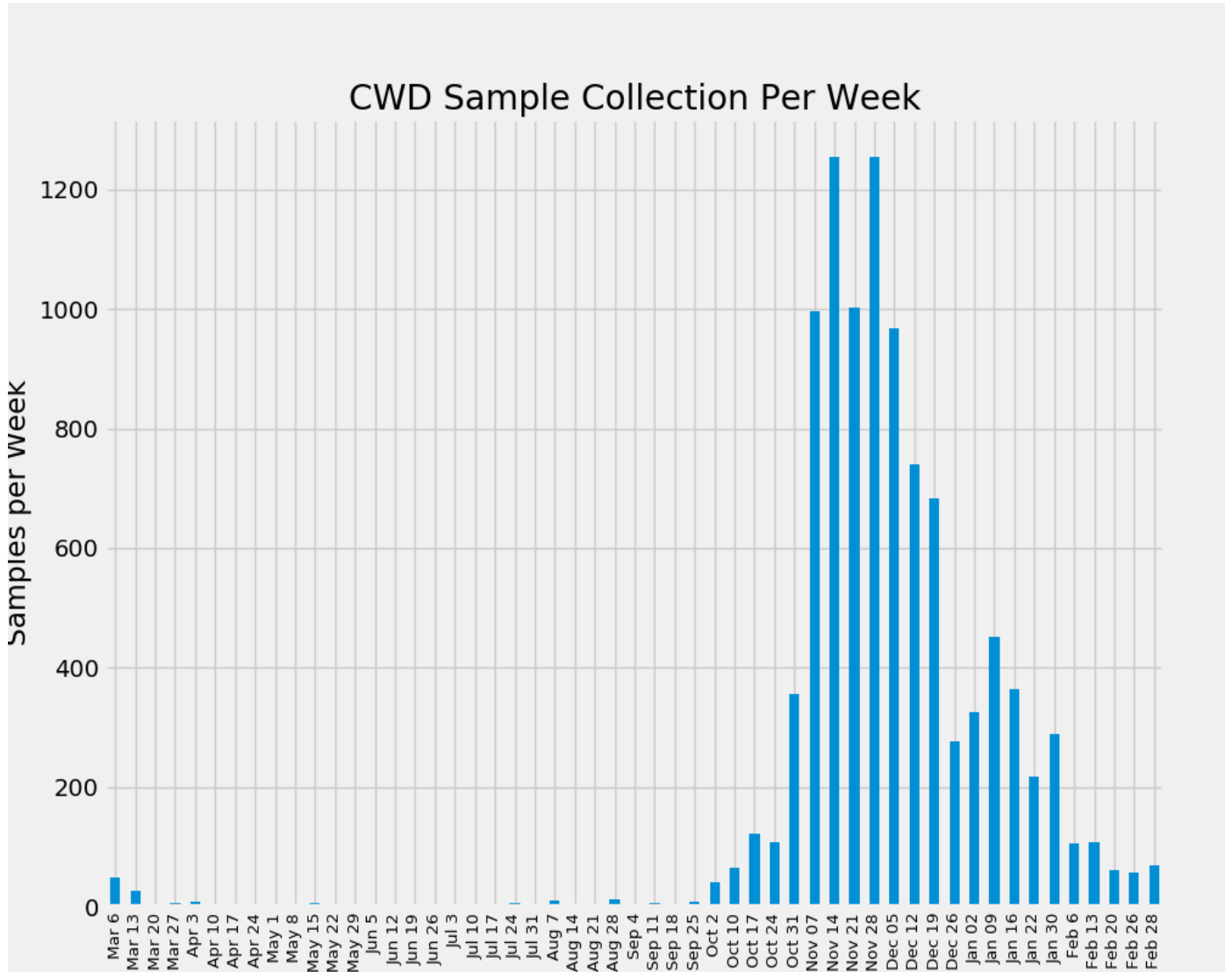


Figure 3. Statewide CWD sample location and distribution, March 1, 2017 to March 09, 2018.

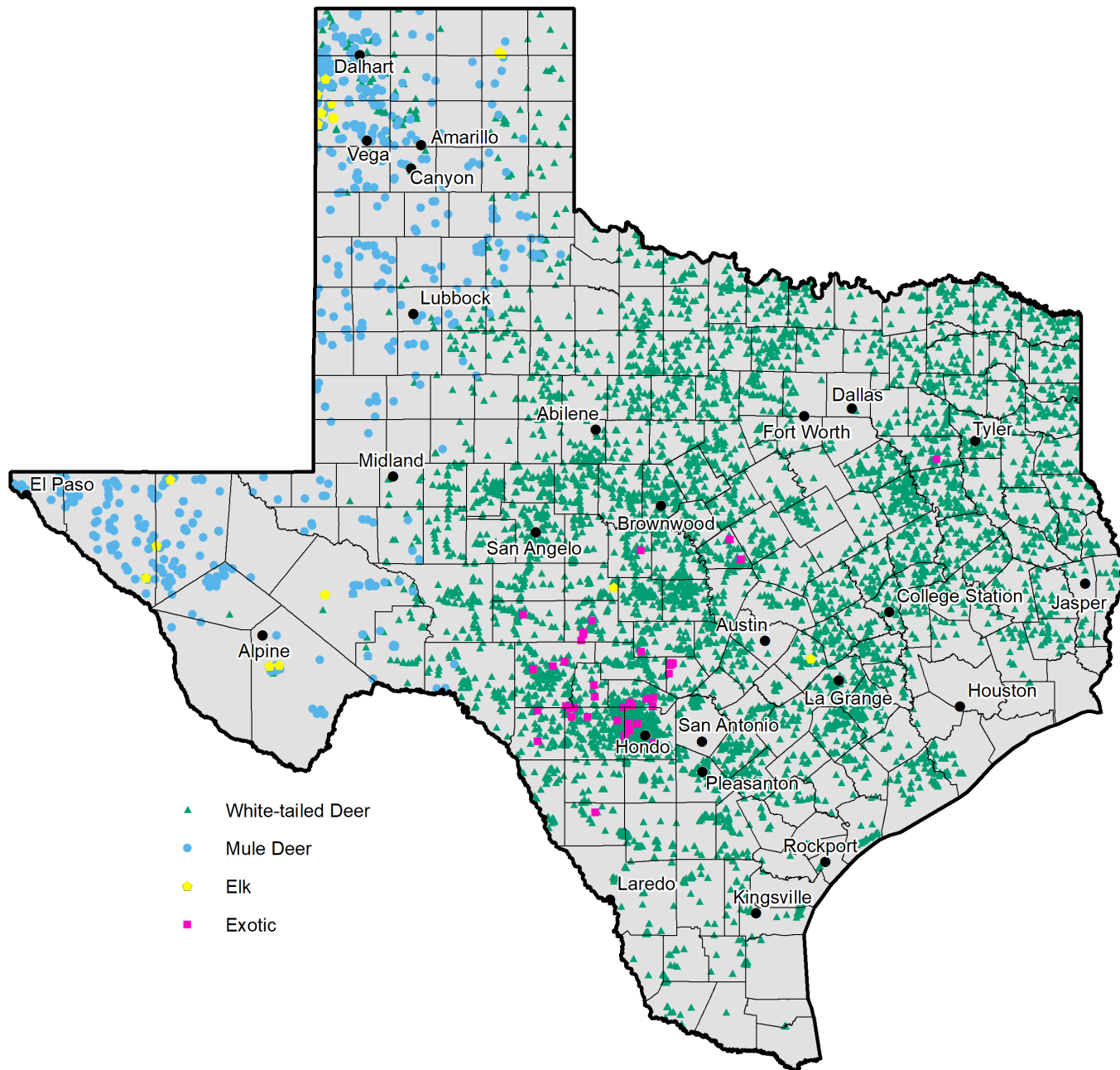
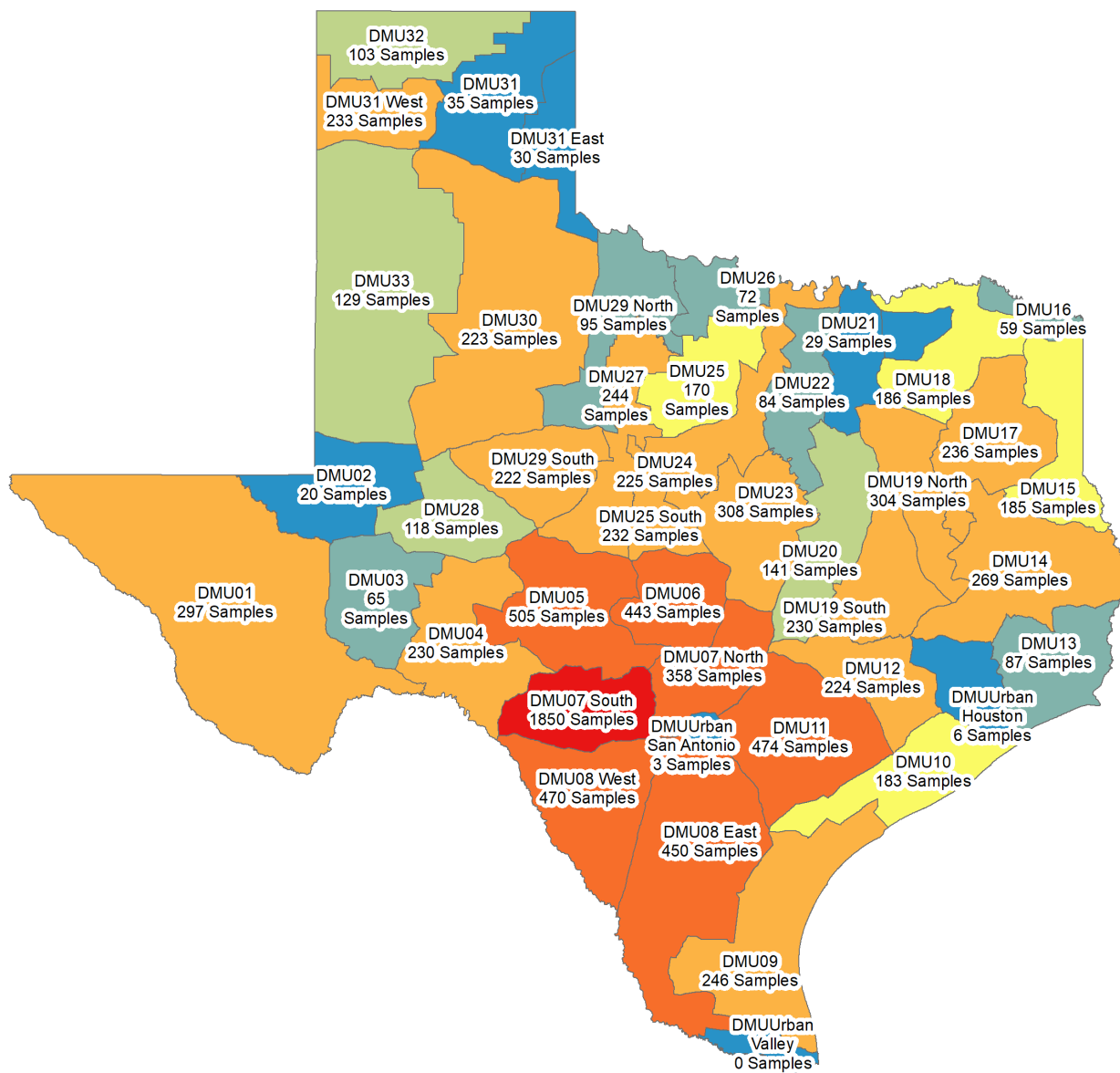


Figure 4. CWD sample numbers by Deer Management Unit (DMU), March 1, 2017 to March 09, 2018.



Fewer Samples

More Samples



Figure 5. CWD sample numbers by county, March 1, 2017 to March 09, 2018.

