CWD 3-YR Pooled Prevalence Estimates in Mule Deer (2020-2022)

Apparent prevalence means the proportion of sampled animals infected by CWD, calculated as the (number infected/total number sampled). A prevalence of 0.20 is equivalent to a ratio of 1 in 5 (i.e. 1 in every 5 animals tested is infected). Prevalence estimates based on 3-YR pooled surveillance data (2020-2022). Estimates are subject to change as new data becomes available.

***Represents the 95% confidence interval. Confidence interval is based on the sample size. Confidence intervals shown for WMZs where CWD has been detected and data available.**

****Insufficient data.**

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
1	Female	0.05	149	0.03	0.01	0.08
	Male	0.21	126	0.07	0.14	0.28
2W	Female	0.26	101	0.09	0.17	0.34
	Male	0.43	82	0.11	0.32	0.53
2E	Female	0.08	100	0.05	0.03	0.13
	Male	0.13	55	0.09	0.04	0.22
3	Female	0.00	16			
	Male	0.29	38	0.14	0.15	0.43
4	Female	0.18	65	0.09	0.09	0.28
	Male	0.47	78	0.11	0.36	0.59
5	Female	0.35	110	0.09	0.26	0.43
	Male	0.66	80	0.10	0.56	0.77
6	Female	0.17	77	0.08	0.09	0.25
	Male	0.40	67	0.12	0.29	0.52
7E	Female	0.08	13	0.14	0.00	0.22
	Male	0.15	20	0.16	0.00	0.31
7W	Female	0.19	26	0.15	0.04	0.34
	Male	0.37	19	0.22	0.15	0.59
8	Female	0.29	14	0.24	0.05	0.52
	Male	0.48	29	0.18	0.30	0.66
9	Female	0.45	29	0.18	0.27	0.63
	Male	0.64	59	0.12	0.52	0.77
10	Female	0.59	56	0.13	0.46	0.72
	Male	0.73	55	0.12	0.61	0.84
11	Female	0.63	16	0.24	0.39	0.86
	Male	0.78	36	0.14	0.64	0.91
12	Female	0.18	11	0.23	0.00	0.41
	Male	0.84	31	0.13	0.71	0.97
13	Female	0.45	31	0.18	0.28	0.63
	Male	0.79	33	0.14	0.65	0.93

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
14E	Female	0.55	31	0.18	0.37	0.72
	Male	0.77	48	0.12	0.65	0.89
14W	Female	0.31	13	0.25	0.06	0.56
	Male	0.65	26	0.18	0.47	0.84
15	Female	0.10	21	0.13	0.00	0.22
	Male	0.15	27	0.13	0.01	0.28
16	Female	0.00	3			
	Male	0.00	3			
17	Female	0.00	8			
	Male	0.00	7			
18	Female	0.03	36	0.05	0.00	0.08
	Male	0.29	35	0.15	0.14	0.44
19	Female	0.19	77	0.09	0.11	0.28
	Male	0.62	66	0.12	0.50	0.74
21	Female	0.11	18	0.15	0.00	0.26
	Male	0.52	21	0.21	0.31	0.74
22	Female	0.11	9	0.21	0.00	0.32
	Male	0.50	20	0.22	0.28	0.72
23	Female	0.73	11	0.26	0.46	0.99
	Male	0.70	44	0.13	0.57	0.84
24	Female	0.37	30	0.17	0.19	0.54
	Male	0.73	49	0.12	0.61	0.86
25	Female	0.42	45	0.14	0.28	0.57
	Male	0.67	42	0.14	0.52	0.81
26	Female	0.50	4	0.49	0.01	0.99
	Male	0.92	13	0.14	0.78	1.07
27	Female	0.40	15	0.25	0.15	0.65
	Male	0.63	19	0.22	0.41	0.85
28	Female	0.47	30	0.18	0.29	0.65
	Male	0.81	16	0.19	0.62	1.00
29	Female	0.25	20	0.19	0.06	0.44
	Male	0.49	47	0.14	0.35	0.63
30	Female	0.07	15	0.13	0.00	0.19
	Male	0.39	18	0.23	0.16	0.61
31	Female	0.00	3			
	Male	0.20	5	0.35	0.00	0.55
32**						

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
33	Female	0.00	1			
	Male	0.00	2			
34	Female	0.00	1			
	Male	0.00	3			
35	Female	0.00	8			
	Male	0.00	6			
36	Female	0.00	17			
	Male	0.11	19	0.14	0.00	0.24
37	Female	0.00	15			
	Male	0.07	15	0.13	0.00	0.19
38	Female	0.22	9	0.27	0.00	0.49
	Male	0.25	12	0.25	0.01	0.50
39	Female	0.10	10	0.19	0.00	0.29
	Male	0.00	5			
40	Female	0.00	9			
	Male	0.17	6	0.30	0.00	0.46
41	Female	0.19	42	0.12	0.07	0.31
	Male	0.19	26	0.15	0.04	0.34
42E	Female	0.17	6	0.30	0.00	0.46
	Male	0.20	5	0.35	0.00	0.55
42W	Female	0.11	9	0.21	0.00	0.32
	Male	0.50	10	0.31	0.19	0.81
43	Female	0.40	5	0.43	0.00	0.83
	Male	0.27	15	0.22	0.04	0.49
44	Female	0.31	32	0.16	0.15	0.47
	Male	0.46	24	0.20	0.26	0.66
45E	Female	0.32	34	0.16	0.17	0.48
	Male	0.62	13	0.26	0.35	0.88
45W	Female	0.35	17	0.23	0.13	0.58
	Male	0.53	15	0.25	0.28	0.79
46	Female	0.45	22	0.21	0.25	0.66
	Male	0.57	14	0.26	0.31	0.83
47	Female	0.30	20	0.20	0.10	0.50
	Male	0.38	13	0.26	0.12	0.65
48	Female	0.00	3			
	Male	0.00	1			
49	Female	0.00	1			
	Male	0.00	1			

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
50	Female	0.10	10	0.19	0.00	0.29
	Male	0.05	19	0.10	0.00	0.15
52	Female	0.17	6	0.30	0.00	0.46
	Male	0.00	5			
53	Female	0.50	2	0.69	0.00	1.19
	Male	0.23	13	0.23	0.00	0.46
54	Female	0.11	9	0.21	0.00	0.32
	Male	0.43	7	0.37	0.06	0.80
55	Male	0.00	2			
56**						
57**						
58**						
59**						
60**						
61**						
62**						
63**						
64	Male	0.00	1			
65**						
66**						
67	Male	0.00	1			
68N**						
68S**						
69**						
70**						
71**						
72**						
73**						
74**						
75**						
76**						
PWMZ**						
RWMZ	Female	0.05	21	0.09	0.00	0.14
	Male	0.35	34	0.16	0.19	0.51
SWMZ	Female	0.20	41	0.12	0.07	0.32
	Male	0.45	31	0.18	0.28	0.63

CWD 3-YR Pooled Prevalence Estimates in White-Tailed Deer (2020-2022)

Apparent prevalence means the proportion of sampled animals infected by CWD, calculated as the (number infected/total number sampled). A prevalence of 0.20 is equivalent to a ratio of 1 in 5 (i.e. 1 in every 5 animals tested is infected). Prevalence estimates based on 3-YR pooled surveillance data (2020-2022). Estimates are subject to change as new data becomes available.

***Represents the 95% confidence interval. Confidence interval is based on the sample size. Confidence intervals shown for WMZs where CWD has been detected and data available.**

****Insufficient data.**

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
1	Female	0.00	23			
	Male	0.08	63	0.07	0.01	0.15
2W	Female	0.11	9	0.21	0.00	0.32
	Male	0.03	36	0.05	0.00	0.08
2E	Female	0.08	13	0.14	0.00	0.22
	Male	0.04	26	0.07	0.00	0.11
3	Male	0.00	5			
4	Female	0.06	18	0.11	0.00	0.16
	Male	0.10	118	0.05	0.05	0.16
5	Female	0.12	33	0.11	0.01	0.23
	Male	0.13	134	0.06	0.07	0.18
6	Female	0.10	30	0.11	0.00	0.21
	Male	0.14	72	0.08	0.06	0.22
7E	Female	0.00	5			
	Male	0.00	11			
7W	Female	0.00	12			
	Male	0.07	30	0.09	0.00	0.16
8	Female	0.00	4			
	Male	0.09	23	0.12	0.00	0.20
9	Female	0.09	11	0.17	0.00	0.26
	Male	0.28	78	0.10	0.18	0.38
10	Female	0.25	8	0.30	0.00	0.55
	Male	0.29	24	0.18	0.11	0.47
11	Female	0.20	5	0.35	0.00	0.55
	Male	0.29	34	0.15	0.14	0.45
12	Female	0.00	1			
	Male	0.38	8	0.34	0.04	0.71
13	Female	0.18	11	0.23	0.00	0.41
	Male	0.21	94	0.08	0.13	0.30

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
14E	Female	0.33	3	0.53	0.00	0.87
	Male	0.28	25	0.18	0.10	0.46
14W	Female	0.11	9	0.21	0.00	0.32
	Male	0.33	24	0.19	0.14	0.52
15	Female	0.00	6			
	Male	0.00	32			
16	Female	0.00	6			
	Male	0.00	21			
17	Female	0.00	7			
	Male	0.05	43	0.06	0.00	0.11
18	Female	0.33	15	0.24	0.09	0.57
	Male	0.02	82	0.03	0.00	0.06
19	Female	0.05	19	0.10	0.00	0.15
	Male	0.22	97	0.08	0.13	0.30
21	Female	0.00	15			
	Male	0.11	104	0.06	0.05	0.16
22	Female	0.00	2			
	Male	0.17	24	0.15	0.02	0.32
23	Female	0.17	12	0.21	0.00	0.38
	Male	0.26	62	0.11	0.15	0.37
24	Female	0.20	10	0.25	0.00	0.45
	Male	0.24	37	0.14	0.10	0.38
25	Female	0.00	1			
	Male	0.38	32	0.17	0.21	0.54
26	Male	0.36	11	0.28	0.08	0.65
27	Female	0.50	2	0.69	0.00	1.19
	Male	0.20	15	0.20	0.00	0.40
28	Female	0.33	3	0.53	0.00	0.87
	Male	0.57	28	0.18	0.39	0.75
29	Female	0.06	18	0.11	0.00	0.16
	Male	0.28	61	0.11	0.17	0.39
30	Female	0.12	33	0.11	0.01	0.23
	Male	0.10	118	0.05	0.05	0.16
31	Female	0.00	2			
	Male	0.00	24			
32	Male	0.00	11			
33	Female	0.00	6			
	Male	0.00	16			

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
34	Female	0.00	6			
	Male	0.00	36			
35	Female	0.00	23			
	Male	0.00	63			
36	Female	0.00	12			
	Male	0.05	66	0.05	0.00	0.10
37	Female	0.00	35			
	Male	0.01	145	0.01	0.00	0.02
38	Female	0.00	5			
	Male	0.05	38	0.07	0.00	0.12
39	Female	0.00	8			
	Male	0.00	45			
40	Female	0.20	5	0.35	0.00	0.55
	Male	0.00	13			
41	Female	0.17	12	0.21	0.00	0.38
	Male	0.13	53	0.09	0.04	0.22
42E	Female	0.00	2			
	Male	0.05	19	0.10	0.00	0.15
42W	Female	0.00	1			
	Male	0.00	30			
43	Female	0.00	5			
	Male	0.20	44	0.12	0.09	0.32
44	Female	0.00	14			
	Male	0.09	53	0.08	0.02	0.17
45E	Female	0.00	4			
	Male	0.23	44	0.12	0.10	0.35
45W	Female	0.40	5	0.43	0.00	0.83
	Male	0.07	30	0.09	0.00	0.16
46	Female	0.40	5	0.43	0.00	0.83
	Male	0.26	19	0.20	0.07	0.46
47	Female	0.15	13	0.20	0.00	0.35
	Male	0.16	58	0.09	0.06	0.25
48	Female	0.00	2			
	Male	0.00	24			
49	Female	0.00	8			
	Male	0.15	39	0.11	0.04	0.27
50	Female	0.17	12	0.21	0.00	0.38
	Male	0.05	112	0.04	0.01	0.10

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
52	Female	0.00	6			
	Male	0.05	60	0.06	0.00	0.11
53	Female	0.08	13	0.14	0.00	0.22
	Male	0.03	75	0.04	0.00	0.06
54	Female	0.00	9			
	Male	0.05	55	0.06	0.00	0.11
55	Female	0.14	7	0.26	0.00	0.40
	Male	0.08	59	0.07	0.01	0.16
56	Female	0.00	1			
	Male	0.00	21			
57	Male	0.00	6			
58**						
59	Female	0.00	2			
	Male	0.18	17	0.18	0.00	0.36
60**						
61**						
62	Male	0.00	5			
63	Female	0.00	1			
	Male	0.36	11	0.28	0.08	0.65
64	Female	0.00	1			
	Male	0.00	4			
65**						
66	Male	0.00	7			
67	Female	0.00	6			
	Male	0.07	27	0.10	0.00	0.17
68N	Female	0.00	1			
	Male	1.00	3			
68S	Female	0.00	3			
	Male	0.00	6			
69	Female	0.00	1			
	Male	0.00	1			
70**						
71**						
72**						
73**						
74	Male	0.00	1			
75**						
76**						

WMZ	Sex	Apparent Prevalence	Sample Size (n)	* CI (+/-)	Min	Max
PWMZ	Female	0.00	5			
	Male	0.00	11			
RWMZ	Female	0.05	38	0.07	0.00	0.12
	Male	0.14	80	0.08	0.06	0.21
SWMZ	Female	0.00	54			
	Male	0.15	104	0.07	0.08	0.22