

2021-22 BOBCAT PELT TAGGING REPORT

PERFORMANCE REPORT STATEWIDE WILDLIFE RESEARCH AND SURVEYS

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An enumeration of bobcats taken in Kansas has been conducted annually since 1978. This project is accomplished with tags provided by the U.S. Fish and Wildlife Service, Office of Management Authority, under the CITES Export Tag Program. In 2021, Kansas used yellow “KS BCAT” tags below number 81470. A total of 132 KDWP employees and offices were issued tags for the 2021-22 furharvesting season.

CITES tags were affixed to the pelts of 2384 bobcats taken in Kansas during the furharvesting season. This included 4 bobcats salvaged or confiscated by KDWP. This was a 3% decrease in harvest from last season (2454) and 20% below the 5-year average. The number of bobcats pelt tagged annually since 1978 can be found in **Figure 1**.

Bobcats were taken in 99 of 105 counties. The number of bobcats taken in each county is presented in **Figure 2**. The estimated number of bobcats taken each day of the season is presented in **Figure 3**.

Bobcats may be taken using equipment authorized in K.A.R. 115-5-1 or salvaged during the harvest season. A total of 848 furharvesters took bobcats during the season. **Table 1** provides a breakdown of the methods furharvesters used to take bobcats and the primary species being pursued at the time the bobcat was taken. The total season bag of each furharvester is given in **Table 2**.

After the initial tag allocation, tag accountability was maintained via reports from KDWP employees or offices issued tags. After the season, each was responsible for inventorying unused tags and accounting for all tags they were issued. Unused tags were then destroyed or retained by each tagger, or returned to the Emporia office. Bobcats taken outside the furharvesting season (n=7) were not included in this analysis.

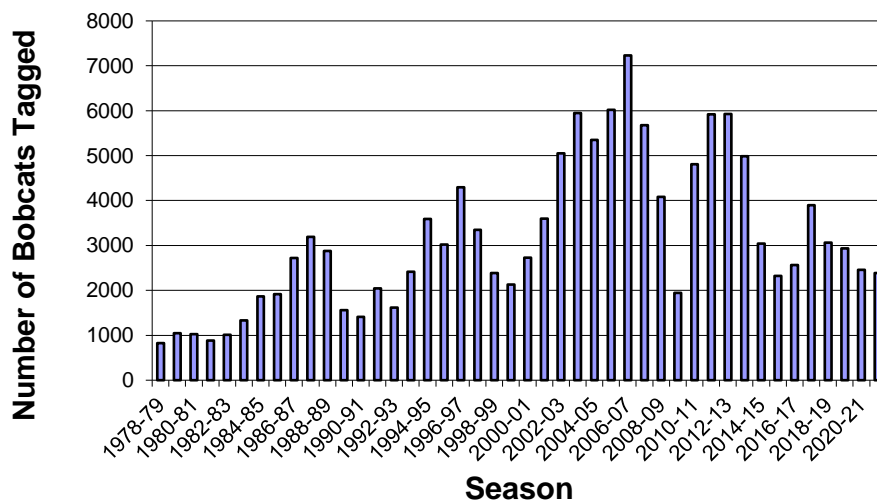


Figure 1. Number of bobcats pelt tagged annually since tagging began in 1978.

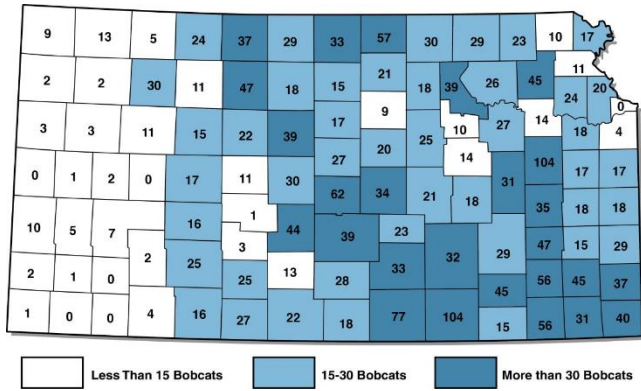


Figure 2. Number of bobcats taken per county during the 2021-22 furharvesting season in Kansas (n = 2382).

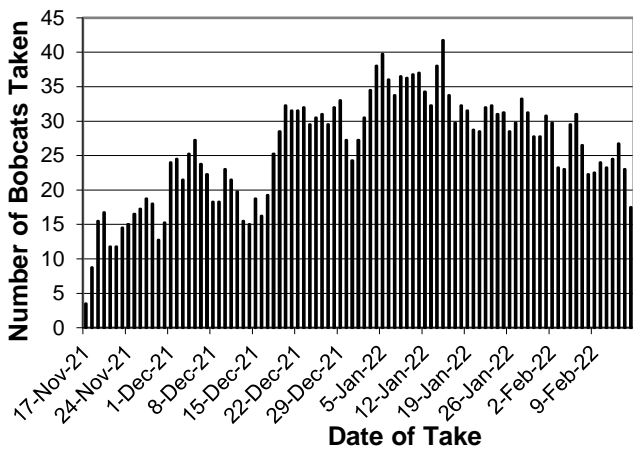


Figure 3. Estimated number of bobcats taken per day during the 2021-22 furharvesting season. (Data smoothed: $y_{(i)} = .5y_{(i)} + .25y_{(i+1)} + .25y_{(i-1)}$.)

Table 2. Total season bag of bobcats per furharvester during the 2021-22 season.

Total Season Bag	Number of Furharvesters	Percent of Furharvesters	Cumulative Percent of Furharvesters	Total number of Bobcats Taken	Percent of Bobcats Taken	Cumulative Percent of Bobcats Taken
1	420	49.5%	49.5%	420	17.6%	17.6%
2	180	21.2%	70.8%	360	15.1%	32.7%
3	77	9.1%	79.8%	231	9.7%	42.4%
4	50	5.9%	85.7%	200	8.4%	50.8%
5	30	3.5%	89.3%	150	6.3%	57.1%
6	20	2.4%	91.6%	120	5.0%	62.1%
7	17	2.0%	93.6%	119	5.0%	67.1%
8	12	1.4%	95.0%	96	4.0%	71.1%
9	4	0.5%	95.5%	36	1.5%	72.7%
10	5	0.6%	96.1%	50	2.1%	74.7%
11	6	0.7%	96.8%	66	2.8%	77.5%
12	5	0.6%	97.4%	60	2.5%	80.0%
13	3	0.4%	97.8%	39	1.6%	81.7%
14	5	0.6%	98.3%	70	2.9%	84.6%
15	3	0.4%	98.7%	45	1.9%	86.5%
16	2	0.2%	98.9%	32	1.3%	87.8%
18	1	0.1%	99.1%	18	0.8%	88.6%
21	2	0.2%	99.3%	42	1.8%	90.4%
23	1	0.1%	99.4%	23	1.0%	91.3%
24	1	0.1%	99.5%	24	1.0%	92.3%
25	1	0.1%	99.6%	25	1.0%	93.4%
32	1	0.1%	99.8%	32	1.3%	94.7%
61	1	0.1%	99.9%	61	2.6%	97.3%
65	1	0.1%	100.0%	65	2.7%	100.0%
Total	848			2384		

Table 1. Method of harvest and the primary species being pursued when bobcats were taken during the 2021-22 furharvesting season in Kansas.

Method of Harvest	Target Species											Total Number	Total Percent
	Bobcat	Coyote	Raccoon	Otter	Beaver	Unspecified Furbearers	Deer	Upland Birds	Unspecified or Other	Salvage			
Trapping													
Foothold Trap	831	374		1					9			1215	51.0
Bodygrip Trap	70	6	17		1							94	3.9
Cage Trap	163	4	4									171	7.2
Snare	137	25	2			2						166	7.0
SUBTOTAL	1201	409	23	1	1	2	0	0	9	0		1646	69.0
Hunting													
Rifle	286	225	1			3	26		2			543	22.8
Shotgun	37	15				1		10	1			64	2.7
Archery	12						26					38	1.6
Hounds	4											4	0.2
SUBTOTAL	339	240	1	0	0	4	52	10	3	0		649	27.2
Other													
Salvage										78		78	3.3
Unspecified or Other	6								5			11	0.5
SUBTOTAL	6	0	0	0	0	0	0	0	5	78		89	3.7
Total Number	1546	649	24	1	1	6	52	10	17	78		2384	
Total Percent	64.8	27.2	1.0	0.0	0.0	0.3	2.2	0.4	0.7	3.3			100.0

EQUAL OPPORTUNITY STATEMENT

This program receives Federal financial assistance from the U.S. Fish and Wildlife Service. Under Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972, the U.S. Department of the Interior and its bureaus prohibit discrimination on the basis of race, color, national origin, age, disability or sex (in educational programs). If you believe that you have been discriminated against in any program, activity or facility, or if you desire further information, please write to: The U.S. Fish and Wildlife Service, Office of Diversity and Civil Rights Programs- External Programs, 4040 North Fairfax Drive, Suite 130, Arlington, VA 22203