

**Trapper Estimates Report
2021-22 Trapper Harvest Survey
Region: Statewide**

Species	Total Trappers					Total Trap Days				Total Harvest					
	Total Trappers	Confidence Limits (+)	PSE	Credibility Rating	% of incidental trappers	Total Trap Days	Confidence Limits (+)	PSE	Credibility Rating	Total Harvest	Confidence Limits (+)	PSE	Credibility Rating	% of harvest released alive at capture site	% of harvest taken incidentally
Bobcat	425	49	0.059	G	20.19%	141,378	46,986	0.170	F	1,228	271	0.113	G	4.66%	20.63%
Coyote	960	64	0.034	G	0.00%	498,133	92,472	0.095	G	8,047	1,399	0.089	G	0.26%	0.00%
Fox	519	52	0.051	G	19.69%	153,855	49,733	0.165	F	3,520	871	0.126	G	31.22%	22.81%
Beaver	680	55	0.041	G	0.60%	169,531	36,909	0.111	G	12,302	2,325	0.096	G	0.02%	0.07%
Gray Fox	407	49	0.061	G	29.65%	132,726	47,601	0.183	F	1,796	369	0.105	G	35.95%	32.99%
Mink	65	22	0.173	F	12.50%	14,190	9,147	0.329	P	97	44	0.230	P	2.11%	10.53%
Muskrat	259	41	0.081	G	22.05%	58,160	20,732	0.182	F	2,664	846	0.162	F		8.97%
Nutria	155	33	0.109	G	36.84%	45,565	20,700	0.232	P	2,367	1,063	0.229	P		18.56%
Red Fox	374	47	0.064	G	28.42%	131,144	47,899	0.186	F	1,724	531	0.157	F	26.30%	23.82%
River Otter	351	46	0.067	G	31.98%	74,967	23,829	0.162	F	2,088	607	0.148	G		18.88%
Spotted Skunk	4	6	0.706	P	100.00%	0	0	0.000	P	33	40	0.625	P	12.50%	100.00%
Striped Skunk	184	36	0.099	G	51.11%	32,044	29,988	0.477	P	505	99	0.100	G	5.26%	54.66%
Virginia Opossum	736	55	0.038	G	42.50%	144,153	45,472	0.161	F	5,719	965	0.086	G	11.25%	45.48%
Weasels	8	8	0.499	P	0.00%	4,819	1,507	0.160	P	0	0	0.000	P	0.00%	0.00%
Raccoon	1,003	53	0.027	G	18.74%	234,021	52,735	0.115	G	9,335	1,215	0.066	G	5.08%	10.37%
Skunk	186	36	0.098	G	51.65%	32,023	29,985	0.478	P	537	116	0.110	G	5.70%	57.41%

Species	Mean Traps Set					
	Mean Harvest Per Trapper	Mean Days Per Trapper	Mean Trap Days Per Trapper	Per Trapper Per Day	Mean Trap Days Per Animal	Mean Harvest Per Trap Day
Bobcat	2.89	26.67	332.67	9.574	115.133	0.009
Coyote	8.38	37.83	518.66	14.496	61.905	0.016
Fox	6.78	24.95	296.46	11.293	43.703	0.023
Beaver	18.08	30.81	249.17	8.816	13.780	0.073
Gray Fox	4.42	22.46	326.43	10.410	73.902	0.014
Mink	1.48	19.28	217.04	9.964	146.263	0.007
Muskrat	10.27	21.54	224.13	9.267	21.829	0.046
Nutria	15.24	31.90	293.43	6.971	19.254	0.052
Red Fox	4.61	24.49	350.74	11.306	76.049	0.013
River Otter	5.94	24.78	213.32	6.711	35.901	0.028
Spotted Skunk	8.00	0.00	0.000	0.000	0.000	0.000
Striped Skunk	2.74	12.82	174.26	5.709	63.495	0.016
Virginia Opossum	7.78	17.38	195.98	6.015	25.206	0.040
Weasels	0.00	45.50	589.67	16.333	0.000	0.000
Raccoon	9.31	22.78	233.27	7.928	25.068	0.040
Skunk	2.89	12.67	172.23	5.644	59.594	0.017

Total # of license holders	3,508	<u>Active Trapper Estimate</u>
Deceased license holder rate	0.0011403	# of Active Trappers from Respondents
Adj Total # of license holders	3,504	762
Total # of surveys sent	3,508	Proportion of Responding Trappers
Undeliverables	82	0.5233516
Deceased	4	Estimated Proportion of Non-responding Trappers
Sample size	3,422	SE
Sample rate	97.66%	0.0130893
Total Survey Returns	1,460	PSE
Refused	4	0.0250105
Total Survey Responses	1,456	Total Active Licensed Trappers
Response rate	42.55%	1,557
Total Not Responding	1,966	Margin of Error @ 95% CL
		76
		Active Trapper Rate within All License Holders
		44.43%