



REGISTERED FURBEARER HARVEST STATISTICS 2021-22

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INTRODUCTION

Monitoring harvest is an important component of population management for some wildlife populations. For many species, harvest represents a large proportion of overall mortality. Obtaining harvest information can be useful for documenting changes in the distribution and abundance of animals, as well as monitoring the effects of changes in harvest seasons, harvest techniques, and habitat. The level of detail or accuracy necessary in harvest information varies across species, depending on factors such as population density, harvest pressure, habitat 'sensitivity' of the species, and reproductive potential.

In Minnesota, detailed harvest information is collected on 4 carnivores – fishers (*Pekania pennanti*), martens (*Martes americana*), bobcats (*Lynx rufus*), and river otters (*Lontra canadensis*). These species have lower reproductive potential, naturally occur at low to moderate densities, have comparatively restricted distributions, or may be more influenced by habitat change. Hence, detailed harvest information has been collected on these species for the past 44 years to help ensure sustainable harvests and populations.

METHODS

Hunters and trappers are required to bring pelts from harvested animals (fishers, martens, bobcats, and river otters) in to fur registration stations usually within 48 hours of the close of the season. Upon registration, information is collected on the sex, date, method of take, and harvest location (township) for each animal, and the pelt is tagged to verify it has been registered.

RESULTS

Currently, harvest of fishers, martens, and bobcats is allowed in approximately the northern 60% of the state, while river otter harvest is allowed statewide (Figure 1). There were no changes to season structures for any of the four registered species this year compared to the 2020-21 season. Bobcat harvest decreased 45%, fisher harvest decreased 19%, marten harvest decreased 43%, and otter harvest decreased 11%. Detailed harvest summaries are provided in the following tables and graphs. Data for years prior to those presented in this report are available (back to 1977) by contacting the Minnesota DNR.

ACKNOWLEDGEMENTS

I thank the many individuals from the Minnesota Department of Natural Resources for their assistance with collection and entry of data contained in this report. This work was funded in part by the Wildlife Restoration Program (Pittman-Robertson).

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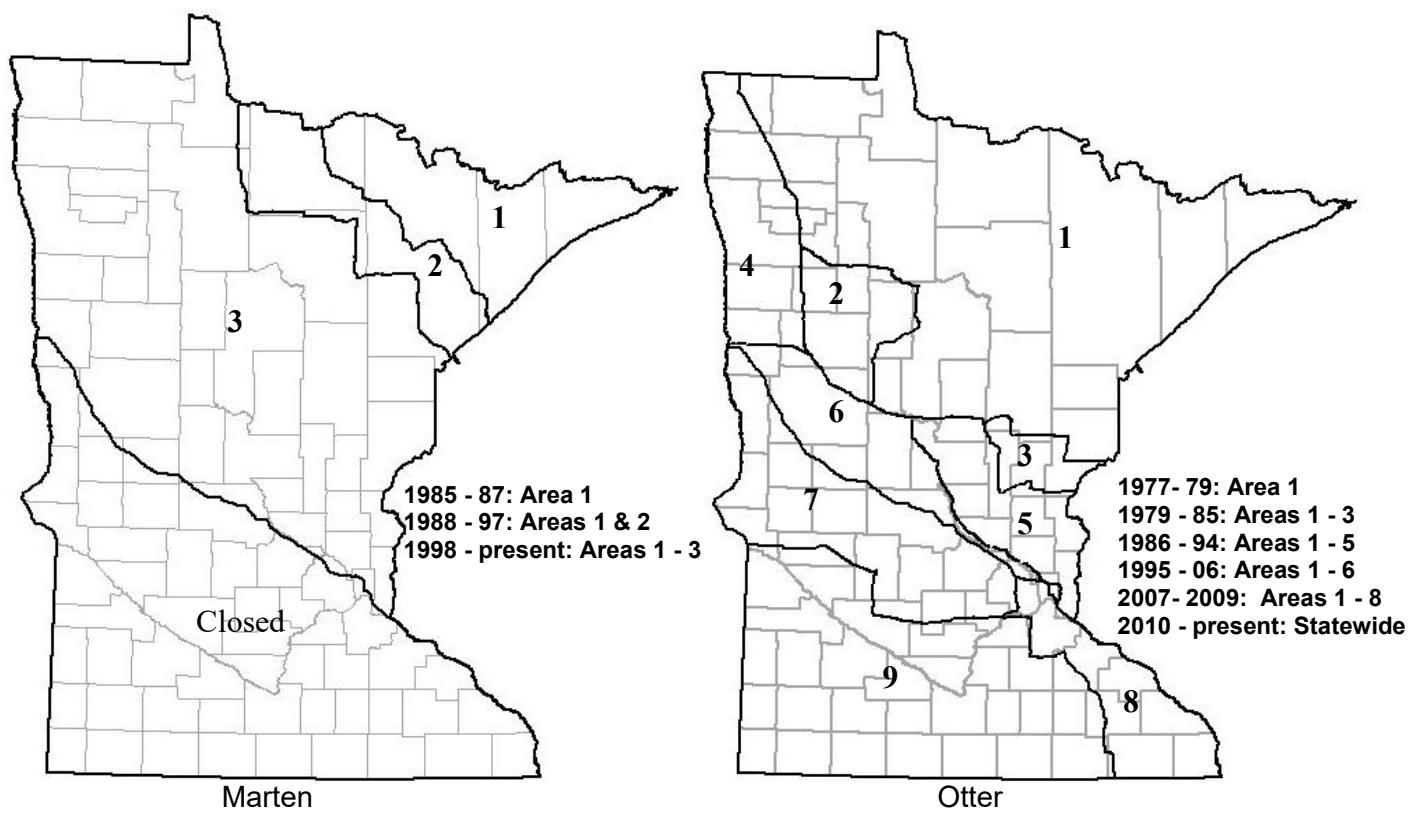
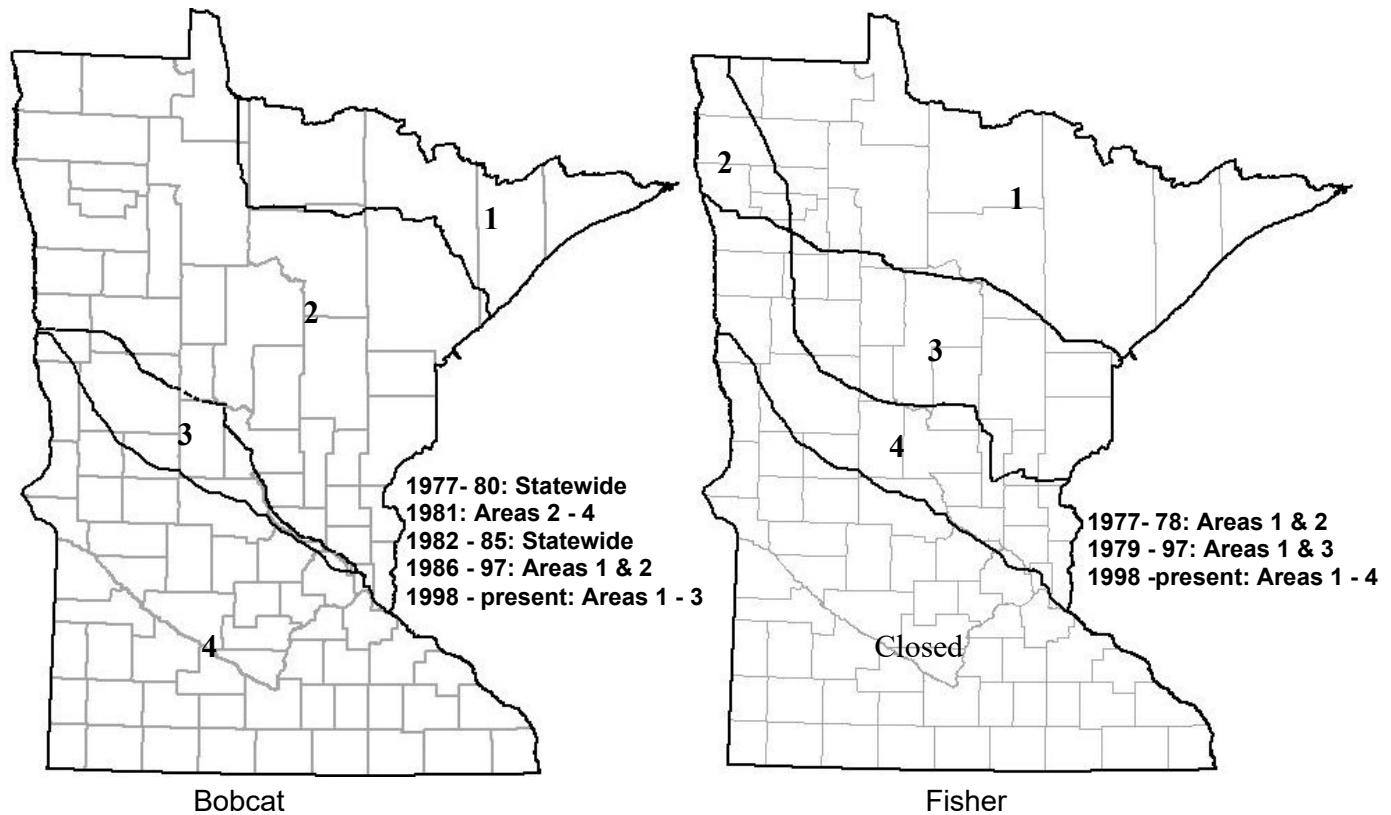


Figure 1. Open trapping areas in Minnesota for fisher, marten, bobcat, and river otter, 1977 - present.

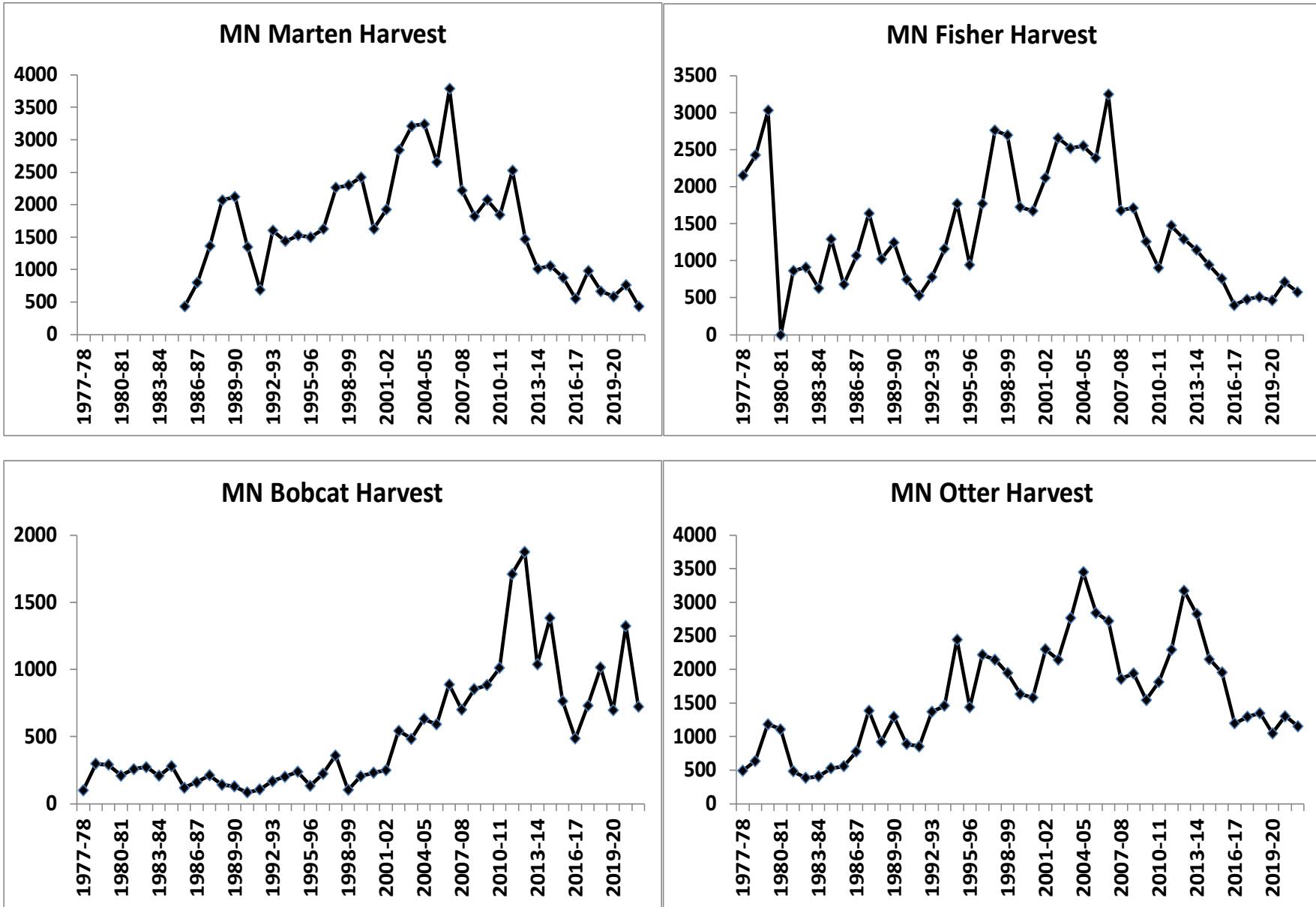


Figure 2. Harvest of registered furbearers in Minnesota, 1977-present.

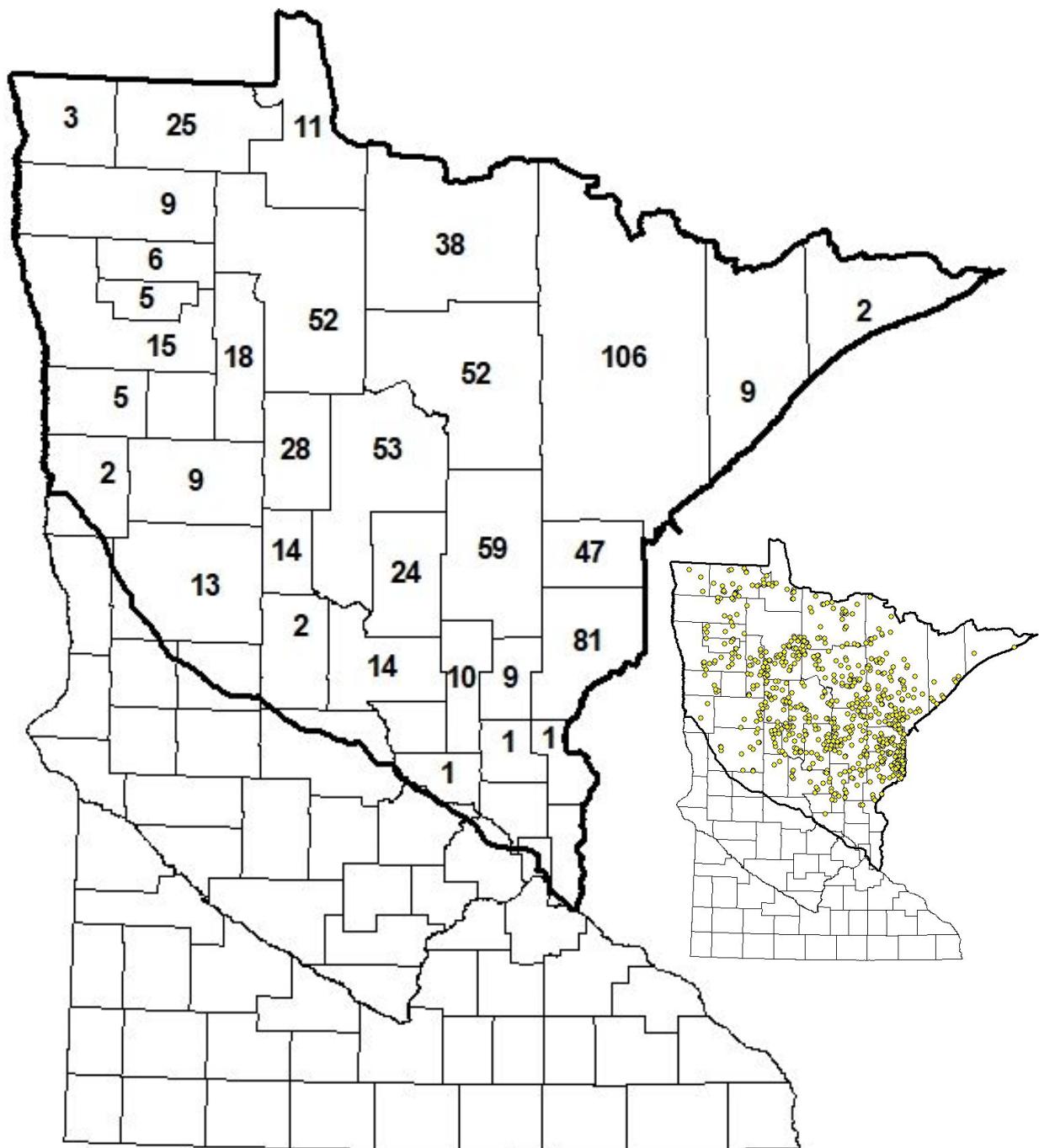


Figure 3. Bobcat harvest by county, 2021-22. Inset shows spatial distribution of harvest locations.

Table 2. Bobcat harvest by county and sex, 2021-22.

County	Sex*			Total	Harvest/ 100 Mile ²
	Female	Male	Unknown		
Aitkin	31	28		59	2.96
Anoka	0	0		0	0.00
Becker	3	6		9	0.62
Beltrami	26	26		52	1.70
Benton	0	0		0	0.00
Carlton	32	15		47	5.37
Cass	21	31	1	53	2.20
Chisago	0	1		1	0.23
Clay	0	2		2	0.19
Clearwater	7	11		18	1.75
Cook	2	0		2	0.12
Crow Wing	13	8	3	24	2.08
Douglas	0	0		0	0.00
Hubbard	12	14	2	28	2.80
Isanti	1	0		1	0.22
Itasca	33	18	1	52	1.78
Kanabec	4	5		9	1.69
Kittson	0	3		3	0.27
Koochiching	27	9	2	38	1.21
Lake	7	2		9	0.39
Lake of the Woods	5	5	1	11	0.62
Mahnomen	0	0		0	0.00
Marshall	6	3		9	0.50
Mille Lacs	1	9		10	1.47
Morrison	9	5		14	1.21
Norman	3	2		5	0.57
Otter Tail	7	6		13	0.58
Pennington	5	1		6	0.97
Pine	35	43	3	81	5.65
Polk	11	4		15	0.75
Red Lake	1	4		5	1.15
Roseau	10	15		25	1.49
Sherburne	1	0		1	0.22
St. Louis	56	48	2	106	1.57
Stearns	0	0		0	0.00
Todd	0	2		2	0.20
Wadena	8	6		14	2.58
Unknown	0	0	0	0	
Total	377	332	15	724	

* Trapper/hunter reported sex ratios in this table are NOT adjusted according to results from DNR carcass analyses

Table 3. Comparison of bobcat harvest by county, 2011-2021.

County	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Aitkin	121	142	65	105	39	22	41	51	55	109	59
Anoka	1	0	0	1	0	0	0	0	0	0	0
Becker	70	58	36	48	36	10	31	22	14	32	9
Beltrami	139	139	59	73	49	30	37	60	34	94	52
Benton	4	3	3	0	0	1	2	3	1	2	0
Carlton	94	63	42	88	25	16	33	42	27	68	47
Cass	164	150	76	126	73	44	72	91	52	113	53
Chisago	0	3	1	1	3	4	2	5	3	4	1
Clay	1	3	2	3	1	0	0	2	0	1	2
Clearwater	58	40	19	29	15	13	14	18	14	41	18
Cook	3	3	9	17	1	0	2	0	2	4	2
Crow Wing	64	65	19	32	21	7	24	28	15	38	24
Douglas	0	1	1	0	0	0	0	1	0	0	0
Hubbard	129	105	51	50	45	21	44	41	19	66	28
Isanti	0	0	1	0	1	1	0	0	0	1	1
Itasca	186	194	93	110	50	19	54	86	57	114	52
Kanabec	21	46	16	46	12	11	16	24	12	18	9
Kittson	10	7	5	5	7	6	3	3	10	8	3
Koochiching	66	82	50	40	22	25	26	62	24	47	38
Lake	15	21	13	15	8	4	8	24	8	21	9
Lake of the Woods	28	13	20	26	10	7	5	14	13	14	11
Mahnomen	9	7	4	4	3	5	2	4	2	10	0
Marshall	42	44	15	21	19	14	12	30	25	13	9
Mille Lacs	13	23	7	14	5	2	10	19	8	21	10
Morrison	25	35	15	25	16	17	19	37	22	28	14
Norman	3	6	3	8	4	1	4	7	2	4	5
Otter Tail	21	38	18	17	16	15	22	12	6	21	13
Pennington	4	13	7	3	4	1	4	8	7	6	6
Pine	94	135	54	87	56	37	43	46	47	62	81
Polk	17	20	10	16	15	10	9	5	3	14	15
Red Lake	20	25	6	11	3	1	15	10	10	25	5
Roseau	46	60	38	27	20	23	23	45	20	21	25
Sherburne	3	0	0	0	0	0	0	0	1	0	1
St. Louis	202	283	255	307	156	91	123	182	154	275	106
Stearns	0	0	2	0	1	0	0	0	0	0	0
Todd	14	16	5	8	8	9	13	10	7	7	2
Wadena	17	23	18	18	10	18	18	23	21	23	14
Unknown	7	9	0	3	12	0	0	0	0	0	0
Total	1711	1875	1038	1384	766	485	731	1015	695	1325	724

Table 4. Bobcat harvest by sex and week, 2021-22 season.

Date	Sex*			Total	% of Total	Cumulative %
	Female	Male	Unknown			
Dec.18 - Dec.24	123	113	8	244	33.70	33.70
Dec.25 - Dec.31	75	71	3	149	20.58	54.28
Jan.1 - Jan.7	51	42		93	12.85	67.13
Jan.8 - Jan.14	61	52	1	114	15.75	82.87
Jan.15 - Jan.23**	67	53	2	122	16.85	99.72
Unknown	0	1	1	2	0.28	100.00
Total	377	332	15	724	100%	

* Trapper/hunter reported sex ratios in this table are **NOT** adjusted according to results from DNR carcass analyses

** 9-day interval

Table 5. Distribution of bobcat harvest* among takers, 1996-2021.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1996-97	115 (73)	28 (18)	85 (5)	2 (1)	4 (3)	157
1997-98	129 (61)	43 (20)	17 (8)	12 (6)	9 (5)	210
1998-99	59 (77)	11 (14)	2 (3)	3 (4)	1 (2)	76
1999-00	113 (76)	21 (14)	10 (6)	4 (3)	1(1)	149
2000-01	99 (69)	23 (16)	7 (5)	5 (4)	9 (6)	143
2001-02	101 (71)	23 (16)	12 (8)	1 (1)	5 (4)	142
2002-03	185 (60)	64 (21)	33 (10)	15 (5)	12 (4)	309
2003-04	171 (64)	40 (15)	25 (10)	20 (7)	11 (4)	267
2004-05	193 (59)	55 (17)	32 (10)	25 (7)	24 (7)	329
2005-06	198 (60)	67 (20)	33 (10)	15 (5)	18 (5)	331
2006-07	265 (57)	90 (19)	44 (9)	25 (5)	42 (9)	466
2007-08	212 (58)	71 (19)	30 (8)	16 (4)	38 (10)	367
2008-09	236 (55)	88 (21)	43 (10)	25 (6)	37 (9)	429
2009-10	223 (53)	80 (19)	40 (9)	30 (7)	51 (12)	424
2010-11	242 (50)	103 (21)	58 (12)	35 (7)	49 (10)	487
2011-12	351 (47)	126 (17)	86 (12)	62 (8)	118 (16)	743
2012-13	380 (45)	167 (20)	108 (13)	82 (10)	100 (12)	837
2013-14	350 (60)	112 (19)	51 (9)	44 (8)	26 (4)	583
2014-15	383 (54)	131 (19)	84 (12)	49 (7)	58 (8)	705
2015-16	248 (59)	87 (21)	33 (8)	29 (7)	25 (6)	422
2016-17	126 (58)	47 (22)	26 (12)	6 (3)	11 (5)	216
2017-18	257 (61)	95 (22)	31 (7)	16 (4)	25 (6)	424
2018-19	260 (53)	87 (18)	59 (12)	42 (8)	47 (9)	495
2019-20	214 (57)	77 (21)	37 (10)	19 (5)	27 (7)	374
2020-21	319 (50)	138 (22)	67 (11)	35 (6)	76 (12)	635
2021-22	215 (57)	71 (19)	41 (11)	24 (6)	29 (8)	380

* Product of categories above may not equal total harvest due to some missing names/license numbers

Table 6. Bobcat harvest by method of take, 1994-2021.

Year	Harvest ^a	Total					Trapping					Hunting				
		Harvest	% of Total	# Takers	Ave. Take	% Males ^b	Harvest	% of Total	# Takers	Ave. Take	% Males ^b					
1994-95	238	189	79	120	1.6		49	21	31	1.6						
1995-96	134	73	54	53	1.4		61	46	38	1.6						
1996-97	203	133	66	91	1.5		70	34	53	1.3						
1997-98	357	313	88	176	1.8		44	12	34	1.3						
1998-99	103	95	92	67	1.4		8	8	8	1.0						
1999-00	206	155	75	114	1.4		51	25	36	1.4						
2000-01	231	140	61	85	1.6		91	39	58	1.6						
2001-02	250	208	83	116	1.8	41	42	17	27	1.6	68					
2002-03	544	500	92	279	1.8	38	44	8	32	1.4	57					
2003-04	483	415	86	230	1.8	46	68	14	40	1.7	65					
2004-05	631	542	86	279	1.9	43	89	14	53	1.7	60					
2005-06	583	435	75	250	1.7	37	148	25	85	1.7	65					
2006-07	890	779	88	391	2.0	45	111	12	81	1.4	57					
2007-08	702	524	75	266	2.0	40	178	25	110	1.6	48					
2008-09	853	689	81	334	2.1	42	164	19	99	1.7	59					
2009-10	884	736	83	340	2.2	43	148	17	91	1.6	58					
2010-11	1012	817	81	372	2.2	40	195	19	123	1.6	50					
2011-12	1708	1606	94	670	2.4	47	102	6	74	1.4	60					
2012-13	1875	1681	90	721	2.3	46	194	10	130	1.5	52					
2013-14	1038	879	85	490	1.8	40	159	15	107	1.5	55					
2014-15	1384	1260	91	622	2.0	44	124	9	86	1.4	56					
2015-16	766	657	86	355	1.9	49	109	14	68	1.6	70					
2016-17	485	377	78	215	1.8	41	108	22	69	1.6	54					
2017-18	731	606	83	335	1.8	45	125	17	93	1.3	59					
2018-19	1015	865	85	406	2.1	48	150	15	98	1.5	58					
2019-20	692	570	82	297	1.9	36	122	18	84	1.5	66					
2020-21	1325	1124	85	512	2.2	43	201	15	126	1.6	56					
2021-22	724	580	80	305	1.9	42	144	20	82	1.8	67					

^a Total harvest reported here may not be equal to total harvest in other tables due to incomplete method-of-take data.

^b Trapper/hunter reported sex ratios in this table are **NOT** adjusted according to results from DNR carcass analyses

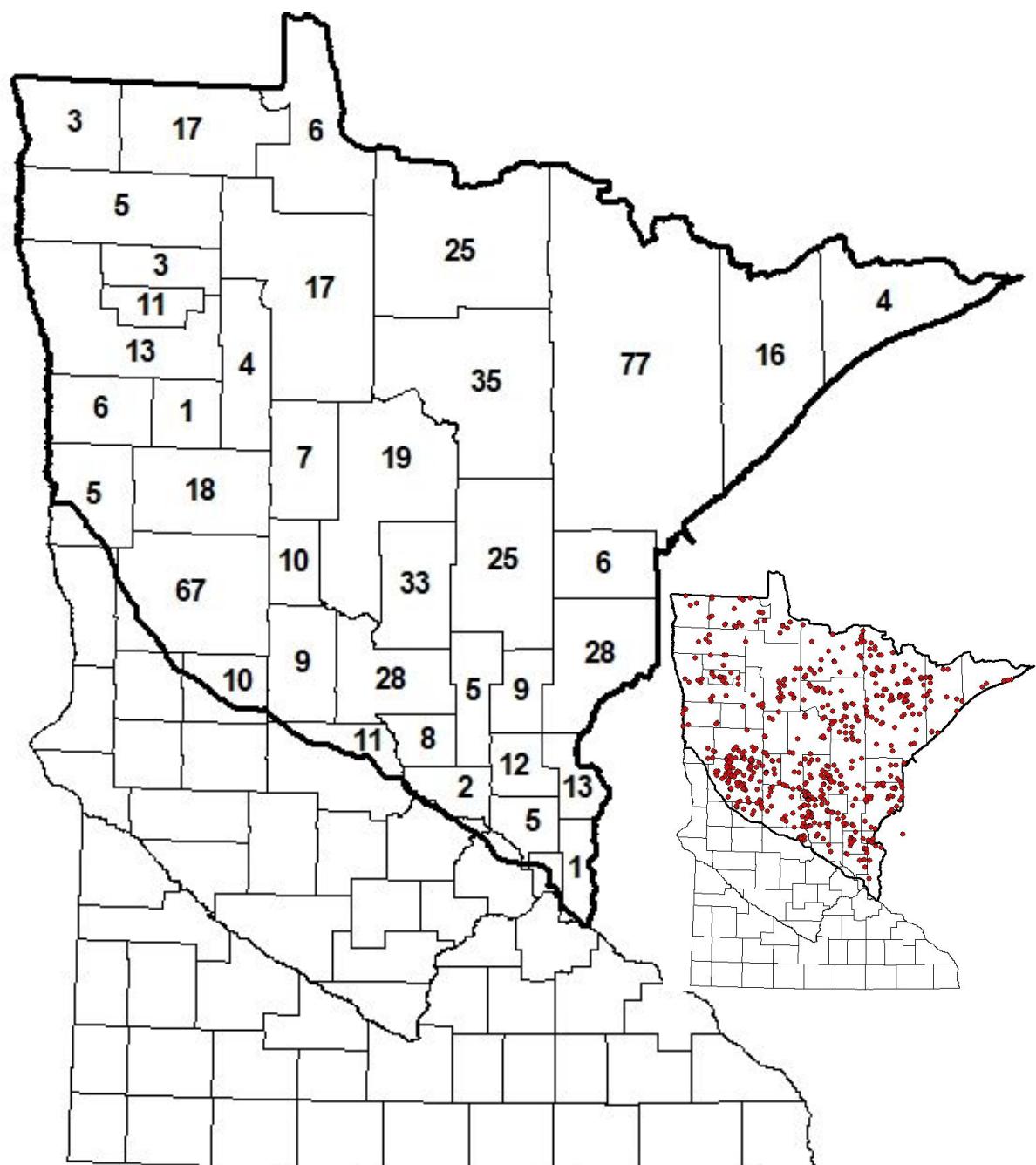


Figure 4. Fisher harvest by county, 2021. Inset shows spatial distribution of harvest locations.

Table 7. Fisher harvest by county and sex, 2021 season.

County	Sex			Total	Harvest/ 100 Mile ²
	Female	Male	Unknown		
Aitkin	13	12		25	1.25
Anoka	2	3		5	1.12
Becker	4	14		18	1.25
Beltrami	4	13		17	0.56
Benton	3	5		8	1.94
Carlton	3	3		6	0.69
Cass	4	15		19	0.79
Chisago	5	8		13	2.94
Clay	2	3		5	0.47
Clearwater	2	2		4	0.39
Cook	3	2		5	0.31
Crow Wing	16	17		33	2.85
Douglas	3	7		10	1.39
Grant	0	0		0	0.00
Hubbard	3	2	2	7	0.70
Isanti	5	7		12	2.66
Itasca	16	18	1	35	1.20
Kanabec	3	6		9	1.69
Kitson	1	2		3	0.27
Koochiching	11	14		25	0.79
Lake	11	5		16	0.70
Lake of the Woods	3	3		6	0.34
Mahnomen	1	0		1	0.17
Marshall	0	5		5	0.28
Mille Lacs	2	3		5	0.73
Morrison	13	15		28	2.43
Norman	4	2		6	0.68
Otter Tail	33	34		67	3.01
Pennington	2	1		3	0.49
Pine	9	19		28	1.95
Polk	9	4		13	0.65
Red Lake	4	7		11	2.54
Roseau	9	8		17	1.01
Sherburne	1	1		2	0.44
St. Louis	36	41		77	1.14
Stearns	4	7		11	0.79
Todd	1	7	1	9	0.92
Wadena	4	6		10	1.84
Washington	1	0		1	0.24
Wilkin	0	0		0	0.00
Unknown	0	2		2	
Total	250	323	4	577	

Table 8. Comparison of fisher harvest by county, 2010-2021.

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Aitkin	35	55	52	47	24	38	16	10	15	17	24	25
Anoka	0	1	2	1	2	7	4	0	4	3	6	5
Becker	30	32	45	38	21	23	3	18	10	11	21	18
Beltrami	10	25	21	17	4	8	9	6	6	15	24	17
Benton	0	5	5	2	4	3	7	4	7	8	5	8
Carlton	12	12	14	8	14	13	6	1	9	8	10	6
Cass	43	41	37	23	30	24	11	12	16	10	29	19
Chisago	6	10	3	4	16	18	11	8	23	12	11	13
Clay	6	10	6	5	6	4	4	2	8	4	5	5
Clearwater	6	8	5	12	3	2	3	0	7	3	9	4
Cook	17	28	11	13	11	5	4	3	8	4	8	5
Crow Wing	48	64	55	51	34	31	13	17	17	19	39	33
Douglas	6	15	24	8	20	12	6	2	8	9	14	10
Grant	1	0	0	0	0	0	0	0	0	0	0	0
Hubbard	13	10	11	10	8	6	5	6	8	4	10	7
Isanti	1	4	6	11	11	12	3	13	6	1	8	12
Itasca	88	142	105	116	78	47	13	34	30	31	44	35
Kanabec	13	21	27	30	9	10	6	2	6	7	11	9
Kittson	7	5	9	11	2	3	5	7	6	8	4	3
Koochiching	51	116	80	51	67	45	23	40	31	42	40	25
Lake	45	56	53	35	28	14	14	12	16	10	15	16
Lake of the Woods	9	33	21	13	12	15	6	9	3	3	1	6
Mahnomen	0	3	0	4	2	0	0	0	0	0	4	1
Marshall	7	13	14	17	22	22	6	5	12	7	12	5
Mille Lacs	18	17	20	17	12	6	13	7	8	3	13	5
Morrison	8	10	24	25	23	15	16	11	25	15	41	28
Norman	4	10	19	21	12	5	9	3	6	8	14	6
Otter Tail	100	138	121	117	102	77	41	53	59	43	105	67
Pennington	4	8	8	11	19	11	4	9	10	7	6	3
Pine	26	22	42	46	44	35	18	17	7	10	27	28
Polk	25	54	58	45	32	22	11	9	11	3	12	13
Red Lake	10	17	16	24	18	6	8	18	14	5	6	11
Roseau	20	79	61	42	32	26	15	24	18	29	23	17
Sherburne	1	6	2	2	2	2	0	0	6	0	5	2
St. Louis	186	350	233	220	171	125	61	72	66	73	58	77
Stearns	0	4	1	4	2	3	3	5	2	2	8	11
Todd	18	15	29	22	15	19	12	20	7	12	15	9
Wadena	23	31	25	23	21	26	9	17	11	16	25	10
Washington	0	1	1	0	2	2	1	1	4	1	0	1
Wilkin	0	1	0	0	0	0	0	0	0	0	0	0
Unknown	6	1	27	0	8	14	0	0	0	0	0	2
Total	903	1,473	1,293	1,146	943	756	399	477	510	463	712	577

Table 9. Fisher harvest by date and sex, 2021 season.

Date	Sex			Total	% of Known	Cumulative
	Female	Male	Unknown			
Dec. 18	3	5		8	1.39	1.39
Dec. 19	33	42		75	13.00	14.38
Dec. 20	42	54	4	100	17.33	31.72
Dec. 21	32	39		71	12.31	44.02
Dec. 22	18	32		50	8.67	52.69
Dec. 23	31	39		70	12.13	64.82
Dec. 24	26	41		67	11.61	76.43
Dec. 25	22	26		48	8.32	84.75
Dec. 26	39	43		82	14.21	98.96
Unknown	4	2		6	1.04	100%
Total	250	323	4	577	100%	

Table 10. Distribution of fisher harvest* among trappers, 1995-2021.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1995	232 (40)	355 (60)	---	---	---	587	1.6
1996	321 (31)	726 (69)	---	---	---	1047	1.7
1997	351 (23)	1205 (77)	---	---	---	1556	1.8
1998	443 (28)	1141 (72)	---	---	---	1584	1.7
1999	397 (37)	664 (63)	---	---	---	1061	1.6
2000	301(38)	251 (31)	129 (16)	121 (15)	---	802	2.1
2001	294 (33)	271 (31)	146 (17)	168 (19)	---	879	2.2
2002	336 (35)	234 (25)	138 (15)	117 (12)	123 (13)	948	1.8
2003	403 (39)	249 (24)	150 (15)	107 (11)	115 (11)	1024	1.7
2004	390 (37)	260 (25)	184 (17)	95 (9)	132 (12)	1061	1.7
2005	407 (40)	251 (24)	150 (15)	102 (10)	118 (11)	1028	1.7
2006	510 (37)	328 (24)	208 (15)	150 (11)	171 (13)	1367	1.7
2007	416 (50)	193 (23)	104 (12)	68 (8)	57 (7)	838	1.7
2008	382 (48)	182 (23)	91 (11)	65 (8)	79 (10)	799	1.6
2009	372 (55)	156 (23)	69 (10)	42 (6)	38 (6)	677	1.6
2010	330 (54)	279 (46)	---	---	---	609	1.5
2011	553 (55)	451 (45)	---	---	---	1004	1.4
2012	453 (52)	415 (48)	---	---	---	868	1.5
2013	501 (61)	316 (39)	---	---	---	817	1.4
2014	434 (63)	254 (37)	---	---	---	688	1.4
2015	346 (63)	203 (37)	---	---	---	549	1.4
2016	177 (61)	111 (39)	---	---	---	288	1.4
2017	246 (68)	114 (32)	---	---	---	360	1.3
2018	253 (66)	128 (34)	---	---	---	381	1.3
2019	259 (72)	101 (28)	---	---	---	360	1.3
2020	337 (65)	185 (35)	---	---	---	522	1.4
2021	279 (65)	148 (35)	---	---	---	427	1.3

* Product of categories above may not equal total harvest due to some missing name/license numbers

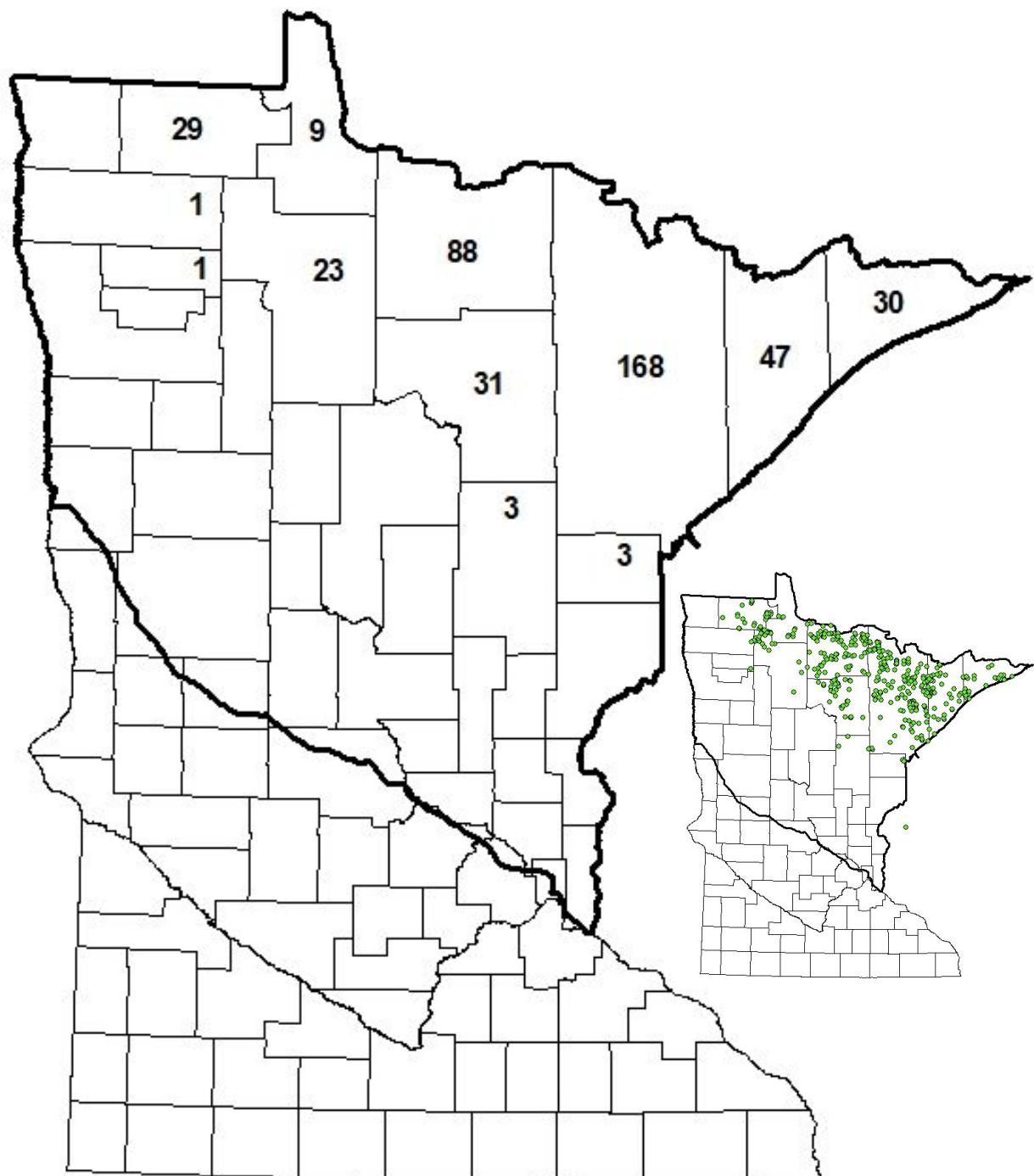


Figure 5. Marten harvest by county, 2021. Inset shows spatial distribution of harvest locations.

Table 11. Marten harvest by county and sex, 2021 season.

County	Sex			Harvest/	
	Female	Male	Unknown	Total	100 Mile ²
Aitkin	1	2		3	0.15
Becker	0	0		0	0.00
Beltrami	5	18		23	0.75
Carlton	1	2		3	0.34
Cass	0	0		0	0.00
Clearwater	0	0		0	0.00
Cook	4	26		30	1.87
Crow Wing	0	0		0	0.00
Hubbard	0	0		0	0.00
Itasca	8	22	1	31	1.06
Kanabec	0	0		0	0.00
Kittson	0	0		0	0.00
Koochiching	31	56	1	88	2.79
Lake	18	28	1	47	2.05
Lake of the Woods	1	8		9	0.51
Mahnomen	0	0		0	0.00
Marshall	1	0		1	0.06
Otter Tail	0	0		0	0.00
Pennington	0	1		1	0.16
Pine	0	0		0	0.00
Polk	0	0		0	0.00
Red Lake	0	0		0	0.00
Roseau	11	18		29	1.73
St. Louis	64	104		168	2.49
Unknown	1	0		1	
Total	146	285	3	434	

Table 12. Comparison of marten harvest by county in Minnesota, 2010-2021.

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Aitkin	4	13	10	8	12	4	1	7	2	0	5	3
Becker	0	0	0	0	0	1	0	0	0	0	0	0
Beltrami	2	11	20	15	7	15	7	16	2	9	40	23
Carlton	5	6	3	1	1	0	0	7	7	1	1	3
Cass	1	2	0	0	3	2	2	2	2	2	1	0
Clearwater	0	0	0	0	0	0	0	0	0	0	0	0
Cook	191	205	148	78	43	39	23	40	44	15	22	30
Crow Wing	0	1	0	0	1	0	2	0	0	0	0	0
Hubbard	0	0	0	0	0	1	0	0	0	1	0	0
Itasca	73	118	46	62	79	64	28	52	35	35	66	31
Kanabec	0	0	0	0	0	0	0	0	0	0	0	0
Kittson	1	0	4	0	1	0	0	3	1	0	1	0
Koochiching	336	516	276	218	265	169	107	176	117	146	155	88
Lake	491	577	290	185	149	138	109	172	131	78	99	47
Lake of the Woods	13	49	32	18	23	25	21	32	16	45	28	9
Mahnomen	0	0	0	0	0	0	0	0	0	0	0	0
Marshall	0	3	3	5	5	3	1	1	1	3	2	1
Otter Tail	0	0	0	0	1	0	0	0	0	0	0	0
Pennington	0	0	0	0	0	1	0	0	0	0	0	1
Pine	1	0	0	0	1	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0	1	0
Red Lake	0	0	1	1	0	0	0	0	0	0	0	0
Roseau	13	98	77	37	40	33	31	74	41	79	84	29
St. Louis	709	926	562	386	421	377	219	397	266	171	260	168
Unknown	2	0	0	0	7	5	0	0	0	0	0	1
Total	1,842	2,525	1,472	1,014	1,059	877	551	979	665	585	765	434

Table 13. Marten harvest by date and sex, 2021 season.

Date	Sex			Total	% of Known	Cumulative
	Female	Male	Unknown			
Dec. 18	0	2		2	0.46	0.46
Dec. 19	23	44		67	15.44	15.90
Dec. 20	24	57	1	82	18.89	34.79
Dec. 21	18	44		62	14.29	49.08
Dec. 22	18	35		53	12.21	61.29
Dec. 23	27	41	2	70	16.13	77.42
Dec. 24	17	25		42	9.68	87.10
Dec. 25	8	11		19	4.38	91.47
Dec. 26	10	26		36	8.29	99.77
Unknown	1	0		1	0.23	100%
Total	146	285	3	434	100%	

Table 14. Distribution of marten harvest* among trappers, 1995-2021.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1995	78 (10)	711 (90)	---	---	---	789	1.9
1996	157 (18)	734 (82)	---	---	---	891	1.8
1997	161 (13)	1050 (87)	---	---	---	1211	1.9
1998	187 (15)	1056 (85)	---	---	---	1243	1.8
1999	164 (17)	318 (34)	213 (23)	246 (26)	---	941	2.6
2000	188 (28)	190 (28)	123 (18)	173 (26)	---	674	2.4
2001	147 (23)	175 (27)	138 (21)	187 (29)	---	647	2.6
2002	149 (21)	138 (19)	147 (21)	123 (17)	160 (22)	717	1.9
2003	126 (15)	135 (16)	159 (19)	170 (20)	265 (31)	855	1.8
2004	165 (17)	153 (16)	171 (18)	164 (18)	282 (30)	935	1.8
2005	191 (22)	158 (18)	139 (16)	156 (18)	215 (25)	859	1.8
2006	206 (18)	201 (17)	226 (19)	203 (17)	335 (29)	1171	1.8
2007	176 (23)	160 (21)	147 (19)	141 (18)	142 (19)	766	2.0
2008	153 (24)	139 (22)	108 (17)	110 (17)	122 (19)	632	1.9
2009	121 (19)	105 (16)	106 (17)	134 (21)	173 (27)	639	1.9
2010	95 (17)	77 (14)	120 (22)	92 (17)	170 (31)	554	1.8
2011	154 (19)	131 (16)	179 (22)	166 (20)	181 (22)	811	2.0
2012	198 (33)	134 (22)	131 (22)	73 (12)	64 (11)	600	1.9
2013	341 (51)	332 (49)	---	---	---	673	1.5
2014	307 (45)	376 (55)	---	---	---	683	1.6
2015	247 (44)	309 (56)	---	---	---	556	1.6
2016	142 (41)	202 (59)	---	---	---	344	1.6
2017	233 (39)	365 (61)	---	---	---	598	1.6
2018	200 (46)	231 (54)	---	---	---	431	1.5
2019	200 (51)	191 (49)	---	---	---	391	1.5
2020	221 (45)	268 (55)	---	---	---	489	1.5
2021	162 (54)	136 (46)	---	---	---	298	1.5

* Product of categories above may not equal total harvest due to some unknown name/license numbers

Table 15. Number of trappers with different fisher/marten combinations, 2021. (Combined limit = 2)

Number of Takers		Number of Marten					
		0	1	2	3	4	5
Number of Fisher	0	83	136				
	1	202	79				
	2	148					
	3						
	4						
	5				Total takers of at least 1 fisher or marten	648	

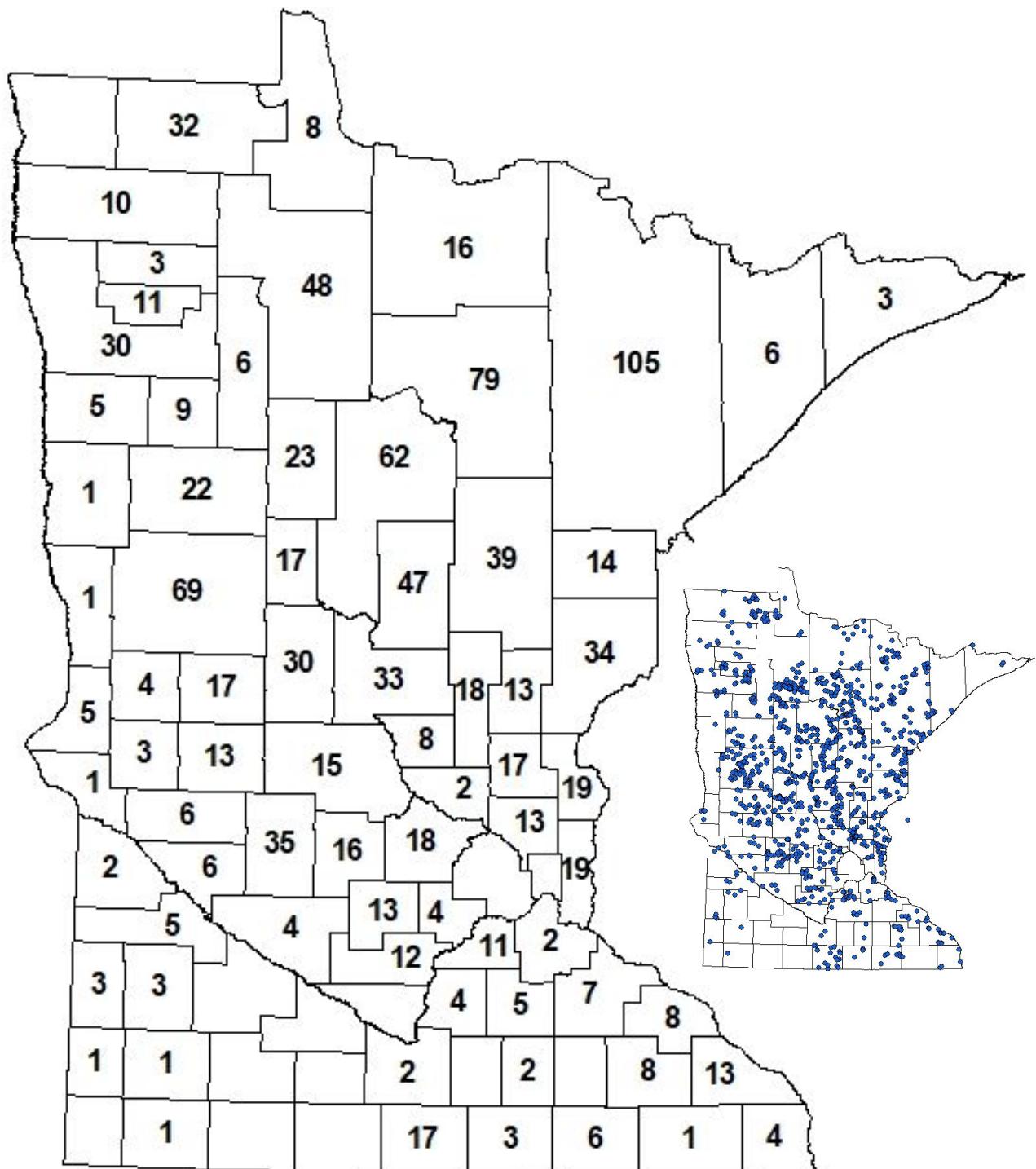


Figure 6. Otter harvest by county, 2021-22. Inset shows spatial distribution of harvest locations.

Table 16. Otter harvest by county and sex, 2021-22 season.

County	Sex			Total	Harvest / 100 Mile ²
	Female	Male	Unknown		
Aitkin	21	18		39	1.96
Anoka	5	8		13	2.92
Becker	12	10		22	1.52
Beltrami	19	29		48	1.57
Benton	2	6		8	1.94
Big Stone	1	0		1	0.19
Blue Earth	2	0		2	0.26
Brown	0	0		0	0.00
Carlton	5	9		14	1.60
Carver	2	2		4	1.06
Cass	18	42	2	62	2.57
Chippewa	2	4		6	1.02
Chisago	7	12		19	4.30
Clay	1	0		1	0.09
Clearwater	4	2		6	0.58
Cook	1	2		3	0.19
Cottonwood	0	0		0	0.00
Crow Wing	20	26	1	47	4.07
Dakota	0	2		2	0.34
Dodge	0	0		0	0.00
Douglas	5	10	2	17	2.36
Faribault	10	7		17	2.36
Fillmore	0	1		1	0.12
Freeborn	1	1	1	3	0.42
Goodhue	3	4		7	0.90
Grant	2	2		4	0.69
Hennepin	0	0		0	0.00
Houston	2	2		4	0.70
Hubbard	8	15		23	2.30
Isanti	7	10		17	3.77
Itasca	26	49	4	79	2.70
Jackson	0	0		0	0.00
Kanabec	5	8		13	2.44
Kandiyohi	17	18		35	4.06
Kittson	0	0		0	0.00
Koochiching	6	8	2	16	0.51
Lac Qui Parle	1	1		2	0.26
Lake	3	3		6	0.26
Lake of the Woods	2	4	2	8	0.45
Le Sueur	1	2	1	4	0.84
Lincoln	0	3		3	0.55
Lyon	3	0		3	0.42
Mahnomen	5	4		9	1.54
Marshall	2	8		10	0.55
Martin	0	0		0	0.00
McLeod	6	7		13	2.57
Meeker	9	7		16	2.48
Mille Lacs	8	10		18	2.64
Morrison	8	25		33	2.86
Mower	4	2		6	0.84
Murray	1	0		1	0.14
Nicollet	0	0		0	0.00
Nobles	0	1		1	0.14
Norman	3	2		5	0.57
Olmsted	4	4		8	1.22
Otter Tail	30	39		69	3.10

Table 16 (continued). Otter harvest by county and sex, 2021-22 season.

County	Sex			Harvest / 100 Mile ²	
	Female	Male	Unknown	Total	
Pennington	1	2		3	0.49
Pine	14	18	2	34	2.37
Pipestone	0	1		1	0.21
Polk	7	23		30	1.50
Pope	5	8		13	1.81
Ramsey	0	0		0	0.00
Red Lake	4	7		11	2.54
Redwood	0	0		0	0.00
Renville	3	1		4	0.41
Rice	1	4		5	0.97
Rock	0	0		0	0.00
Roseau	5	27		32	1.91
Scott	4	7		11	2.99
Sherburne	0	2		2	0.44
Sibley	4	8		12	2.00
St. Louis	33	72		105	1.56
Stearns	6	9		15	1.08
Steele	0	2		2	0.46
Stevens	1	0	2	3	0.52
Swift	1	5		6	0.80
Todd	12	18		30	3.06
Traverse	1	4		5	0.85
Wabasha	3	5		8	1.46
Wadena	9	8		17	3.13
Waseca	0	0		0	0.00
Washington	7	12		19	4.49
Watonwan	0	0		0	0.00
Wilkin	1	0		1	0.13
Winona	3	10		13	2.03
Wright	12	6		18	2.52
Yellow Medicine	2	3		5	0.65
Unknown	1	1		2	
Total	444	692	19	1,155	

Table 17. Comparison of otter harvest by county, 2010-2021.

County	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Aitkin	59	107	111	90	67	74	61	33	34	25	22	39
Anoka	8	13	31	25	23	20	12	18	15	13	9	13
Becker	53	95	127	87	77	83	21	27	42	24	19	22
Beltrami	77	112	120	98	74	76	43	40	51	34	67	48
Benton	13	13	21	17	8	1	3	3	6	8	3	8
Big Stone	0	3	3	9	8	3	1	6	3	0	10	1
Blue Earth	0	2	3	1	2	1	3	3	2	4	8	2
Brown	0	0	0	0	0	2	2	0	0	1	0	0
Carlton	35	29	38	37	26	42	32	9	12	9	18	14
Carver	5	15	8	9	17	11	8	8	12	8	3	4
Cass	135	140	183	161	193	172	74	92	98	63	56	62
Chippewa	5	7	8	12	6	4	3	8	8	7	6	6
Chisago	23	19	24	32	26	20	12	18	12	10	20	19
Clay	23	42	23	16	14	18	10	10	11	1	3	1
Clearwater	38	41	46	47	23	38	21	33	21	11	12	6
Cook	19	36	55	57	28	9	4	0	4	1	1	3
Cottonwood	0	0	0	0	0	0	0	0	1	0	0	0
Crow Wing	66	107	117	96	83	59	35	41	55	36	52	47
Dakota	1	0	11	10	6	13	3	8	10	4	6	2
Dodge	3	1	1	3	4	2	0	3	2	3	6	0
Douglas	14	34	37	23	33	22	21	15	15	13	18	17
Faribault	0	1	12	3	1	3	5	9	3	11	10	17
Fillmore	5	5	10	6	13	3	3	4	1	4	8	1
Freeborn	5	10	10	1	7	6	2	11	7	20	10	3
Goodhue	11	7	18	2	2	11	4	9	0	2	7	7
Grant	1	8	12	6	13	4	3	5	2	2	7	4
Hennepin	2	3	4	5	6	3	2	2	9	4	7	0
Houston	11	10	26	22	14	9	2	8	10	6	14	4
Hubbard	52	42	67	61	36	32	26	39	30	23	31	23
Isanti	14	9	18	28	23	13	17	13	10	9	14	17
Itasca	247	281	346	345	184	159	67	84	123	76	79	79
Jackson	0	0	0	0	0	1	0	0	1	0	0	0
Kanabec	17	22	52	45	34	26	20	29	7	8	20	13
Kandiyohi	8	8	10	20	20	23	17	18	19	23	17	35
Kittson	8	2	9	7	4	0	8	8	5	5	2	0
Koochiching	81	62	127	115	55	68	19	16	13	20	12	16
Lac Qui Parle	2	6	15	6	1	7	0	8	0	2	10	2
Lake	28	36	66	67	45	26	23	12	13	11	22	6
Lake of the Woods	15	27	27	27	31	31	8	16	20	11	9	8

Table 17 (continued). Comparison of otter harvest by county, 2010-2021.

County	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Le Sueur	3	0	9	5	2	2	4	3	4	6	3	4
Lincoln	0	0	4	0	0	0	0	2	0	0	1	3
Lyon	0	0	0	0	0	0	0	1	0	0	4	3
Mahnomen	9	20	15	25	7	6	3	9	16	9	12	9
Marshall	13	13	15	15	4	9	12	15	10	5	7	10
Martin	0	0	1	0	0	1	1	1	1	1	1	0
McLeod	12	18	19	22	18	16	14	16	26	16	25	13
Meeker	12	28	19	32	35	23	11	26	29	32	18	16
Mille Lacs	19	15	30	39	28	16	13	26	14	12	14	18
Morrison	29	29	52	52	50	31	22	24	35	33	32	33
Mower	8	20	14	9	8	2	13	7	11	13	14	6
Murray	0	0	0	0	0	1	0	0	0	0	0	1
Nicollet	2	1	5	7	1	0	0	4	3	0	6	0
Nobles	0	0	0	0	4	0	0	0	0	0	0	1
Norman	12	21	45	27	19	13	9	8	5	2	2	5
Olmsted	2	3	0	7	7	5	3	5	4	8	8	8
Otter Tail	65	109	173	154	97	87	92	100	82	71	89	69
Pennington	4	2	12	5	8	8	11	2	7	2	4	3
Pine	38	44	66	98	59	86	48	20	36	35	24	34
Pipestone	0	0	0	0	0	0	1	1	0	0	1	1
Polk	36	49	83	71	47	37	20	12	14	12	38	30
Pope	11	20	22	14	19	8	19	8	14	19	4	13
Ramsey	0	0	3	1	1	1	0	0	0	0	0	0
Red Lake	22	19	26	11	10	14	13	1	3	3	13	11
Redwood	0	2	4	6	8	3	0	2	4	3	1	0
Renville	0	1	6	0	3	1	1	6	1	1	6	4
Rice	1	9	4	8	1	2	6	3	8	4	8	5
Rock	0	0	2	0	0	0	2	0	2	0	2	0
Roseau	32	33	64	48	44	23	24	22	20	20	39	32
Scott	4	2	4	3	2	4	5	4	7	8	14	11
Sherburne	7	19	12	9	10	10	11	8	9	3	7	2
Sibley	6	6	6	3	2	3	2	2	5	10	7	12
St. Louis	253	239	363	293	258	260	109	146	127	105	134	105
Stearns	13	41	53	53	41	50	45	28	34	22	29	15
Steele	1	0	3	1	0	1	3	3	4	6	4	2
Stevens	6	1	3	12	4	2	1	1	3	2	0	3
Swift	2	11	10	10	9	3	7	7	13	4	12	6
Todd	41	63	55	55	19	28	22	24	18	14	12	30
Traverse	0	1	4	1	0	3	7	4	11	3	4	5

Table 17 (continued). Comparison of otter harvest by county, 2010-2021.

County	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Wabasha	7	8	20	21	19	9	11	11	17	9	10	8
Wadena	16	20	43	30	30	19	5	8	8	11	27	17
Waseca	0	0	0	0	2	2	0	0	1	1	2	0
Washington	16	18	12	24	27	9	12	20	13	5	11	19
Watonwan	0	0	0	1	0	0	0	0	1	0	0	0
Wilkin	0	0	3	2	0	3	1	2	2	4	2	1
Winona	15	20	21	17	5	17	6	13	7	16	15	13
Wright	11	17	23	26	21	21	11	22	33	7	14	18
Yellow Medicine	0	0	7	9	0	3	0	2	2	1	6	5
Unknown	2	17	40	2	18	18	0	0	0	0	0	2
Totals	1,814	2,294	3,171	2,824	2,154	1,955	1,195	1,295	1,351	1,050	1,304	1,155

Table 18. Otter harvest by sex and week, 2021-22 season.

Date	Sex			Total Harvest	% of Total	Cumulative %
	Female	Male	Unknown			
Oct.23 - Oct.29	19	27	3	49	4.24	4.24
Oct.30 - Nov.5	63	119	5	187	16.19	20.43
Nov.6 - Nov.12	66	104	2	172	14.89	35.32
Nov.13 - Nov.19	52	98	1	151	13.07	48.40
Nov.20 - Nov.26	50	72	1	123	10.65	59.05
Nov.27 - Dec.3	60	74	2	136	11.77	70.82
Dec.4 - Dec.10	35	50		85	7.36	78.18
Dec.11 - Dec.17	25	49	1	75	6.49	84.68
Dec.18 - Dec.24	36	49		85	7.36	92.03
Dec.25 - Dec.31	14	26	2	42	3.64	95.67
Jan.1 - Jan.7	12	4	1	17	1.47	97.14
Jan.8 - Jan.14	6	6	1	13	1.13	98.27
Jan.15 - Jan.23*	6	14		20	1.73	100.00
Unknown	0	0	0	0	0.00	100.00
Total	444	692	19	1,155	100%	

* 9-day interval.

Table 19. Distribution of otter harvest* among trappers, 1995-2021.

Number (%) of Takers	Number Taken				Total Takers	Ave. Take
	1	2	3	4		
1995-96	183 (31)	134 (23)	88 (15)	180 (31)	585	2.5
1996-97	257 (29)	205 (23)	140 (16)	283 (32)	885	2.5
1997-98	304 (33)	235 (26)	117 (13)	255 (28)	911	2.4
1998-99	263 (32)	183 (23)	139 (17)	226 (28)	811	2.4
1999-00	222 (33)	124 (19)	99 (15)	217 (33)	662	2.5
2000-01	206 (32)	122 (19)	108 (17)	201 (32)	637	2.5
2001-02	147 (23)	175 (27)	138 (21)	187 (29)	647	2.6
2002-03	253 (33)	147 (19)	122 (16)	241 (32)	763	2.5
2003-04	269 (27)	201 (20)	152 (16)	361 (37)	983	2.6
2004-05	302 (25)	235 (19)	182 (15)	498 (41)	1217	2.7
2005-06	291 (27)	213 (20)	186 (17)	386 (36)	1076	2.6
2006-07	372 (34)	216 (19)	194 (17)	328 (30)	1110	2.4
2007-08	308 (39)	153 (19)	119 (15)	207 (26)	787	2.3
2008-09	293 (37)	157 (20)	121 (15)	216 (27)	787	2.3
2009-10	237 (38)	131 (21)	93 (15)	171 (27)	632	2.3
2010-11	263 (34)	166 (22)	130 (17)	206 (27)	765	2.4
2011-12	438 (42)	227 (22)	149 (14)	236 (22)	1050	2.2
2012-13	468 (35)	330 (24)	175 (13)	376 (28)	1349	2.3
2013-14	561 (43)	291 (22)	196 (15)	271 (21)	1319	2.1
2014-15	424 (42)	231 (23)	154 (15)	200 (20)	1009	2.1
2015-16	337 (39)	183 (21)	142 (16)	203 (23)	865	2.2
2016-17	270 (46)	135 (23)	80 (14)	101 (17)	586	2.0
2017-18	243 (41)	139 (23)	77 (13)	135 (23)	594	2.2
2018-19	276 (44)	134 (21)	78 (12)	142 (23)	630	2.1
2019-20	206 (42)	107 (22)	59 (12)	113 (23)	485	2.2
2020-21	258 (42)	135 (22)	90 (15)	126 (21)	609	2.1
2021-22	178 (36)	109 (22)	81 (16)	128 (26)	496	2.3

* Product of categories above may not equal total harvest due to some unknown name/license numbers