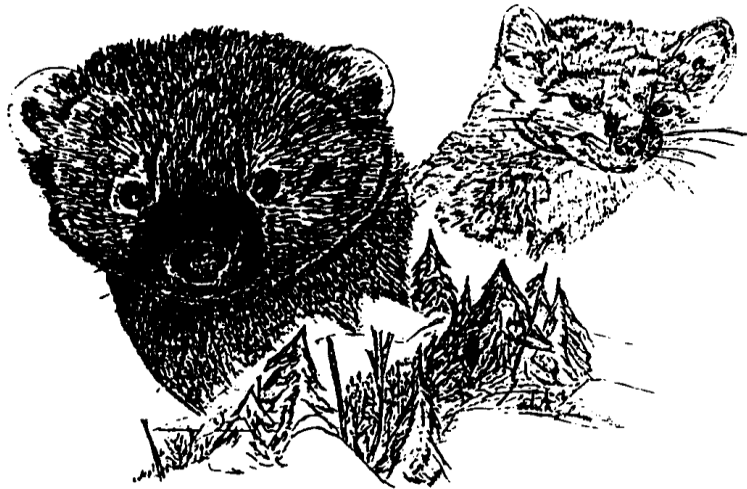


REGISTERED FURBEARER HARVEST STATISTICS

2011-12 Report



Drawing by Gilbert Proulx

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INTRODUCTION

Monitoring harvest is an important component of population management for many 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 the effects of changes in harvest seasons, harvest techniques, and habitat. The level of detail or accuracy necessary in harvest information may vary across species, depending on such factors as density, harvest pressure, habitat sensitivity of the species, and reproductive potential.

In Minnesota, detailed harvest information is collected on 4 carnivores – fisher, marten, bobcat, and river otter. These species have lower reproductive potential, naturally occur at low to moderate densities, have comparatively ‘restricted’ distributions, and/or may be more subject to effects of habitat change. Hence, detailed harvest information is desirable to help ensure sustainable populations. For approximately the past 34 years, such data has been collected for these species.

METHODS

Fur-harvesters are required to bring pelts from harvested animals (fisher, marten, bobcat, and otter) in to fur registration stations within 48 hours of the close of the season. Upon registration, information is collected on the sex, date, and harvest location (township), and the pelt is tagged to verify it has been registered.

RESULTS

Currently, harvest of fisher, marten, and bobcat is allowed in approximately the northern 60% of the state, while otter harvest is allowed statewide (Figure 1). No changes to season parameters occurred this year compared to the 2010 season. All harvest summaries are provided in the following tables.

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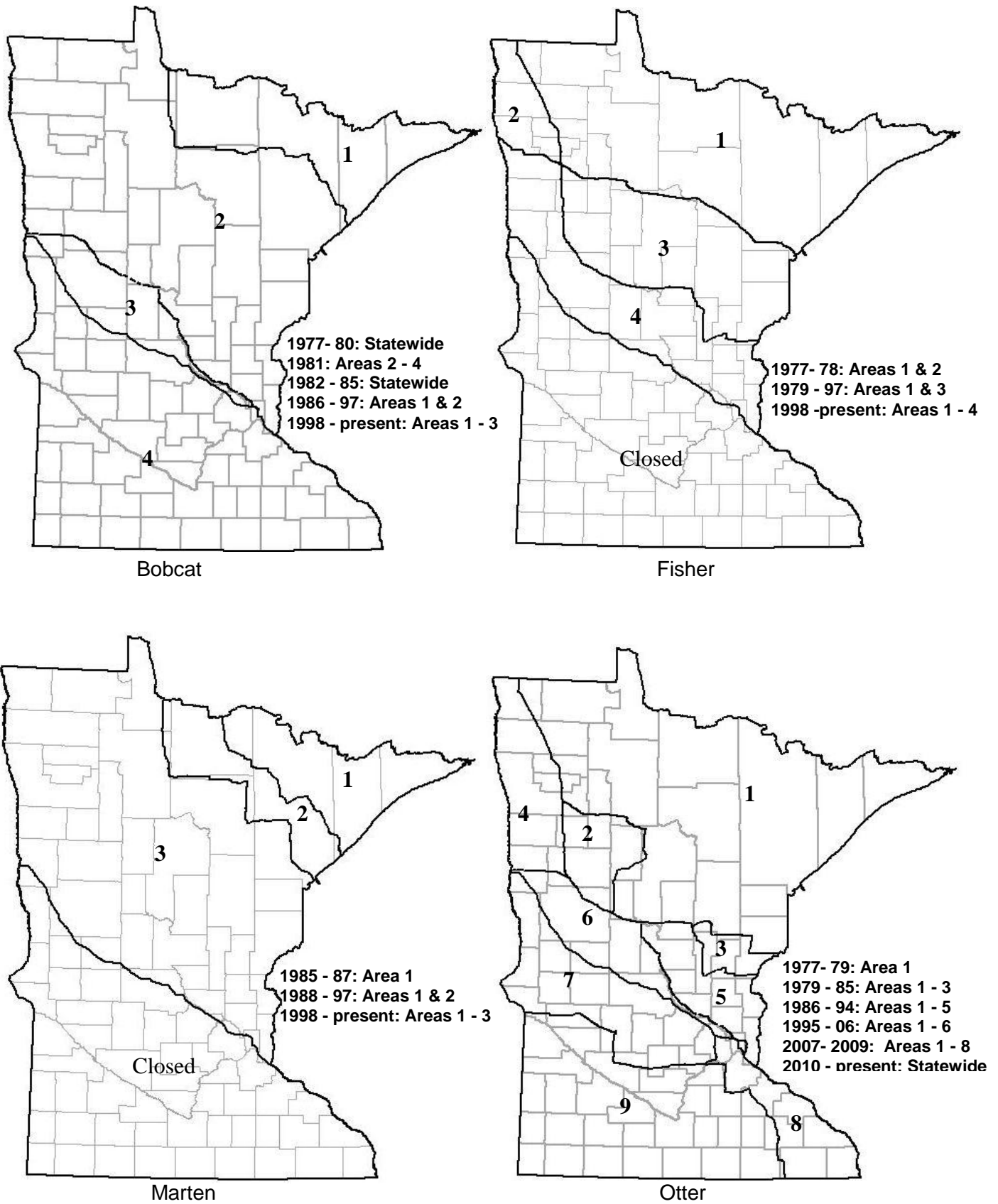


Figure 1. Open trapping areas for fisher, marten, bobcat, and otter, 1977 - present.

Table 1. Registered furbearer seasons and harvests, 1983-2011.

Year	Bobcat				Fisher				Marten				Otter			
	Season	Days	Limit	Harvest	Season	Days	Limit	Harvest	Season	Days	Limit	Harvest	Season ^a	Days	Limit	Harvest
1983-84	12/1-1/22	53	5	208	12/1-12/11	11	1	631	CLOSED				11/12-11/26	15	2	408
1984-85	12/1-1/20	51	5	280	12/1-12/16	16	1	1289	CLOSED				11/17-12/1	15	2	529
1985-86	11/30-1/19	51	5	119	11/30-12/15	16	1	678	11/30-12/15	16	1	430	11/16-12/15	30	3	559
1986-87	11/29 -1/3	36	5	160	11/29-12/14	16	1	1067	11/29-12/14	16	1	798	11/1-11/30	30	3	777
1987-88	11/28-1/3	37	5	212	11/28-12/13	16	1	1641	11/28-12/13	16	1	1363	10/24-11/29	37	3	1386
1988-89	11/26-1/1	37	5	141	11/26-12/11	16	1	1025	11/26-12/11	16	2	2072	10/29-11/27	30	3	922
1989-90	12/2-1/7	37	5	129	12/2-12/17	16	1	1243	12/2-12/17	16	2	2119	10/28-12/17	51	3	1294
1990-91	12/1-1/6	37	5	84	12/1-12/16	16	1	746	12/1-12/16	16	2	1349	10/27-1/6	71	3	888
1991-92	11/30-1/5	37	5	106	11/30-12/15	16	1	528	11/30-12/15	16	1	686	10/26-1/5	71	3	855
1992-93	11/28-1/3	37	5	168	11/28-12/13	16	1	778	11/28-12/13	16	2	1602	10/24-1/3	71	4	1368
1993-94	12/4-1/9	37	5	201	12/4-12/19	16	2	1159	12/4-12/19	16	2	1438	10/23-1/9	78	4	1459
1994-95	12/3-1/8	37	5	238	12/3-12/18	16	2	1772	12/3-12/18	16	2	1527	10/29-1/8	71	4	2445
1995-96	12/2-1/7	37	5	134	12/2-12/17	16	2	942	12/2-12/17	16	2	1500	10/28-1/7	71	4	1435
1996-97	11/30 -1/5	37	5	223	11/30-12/15	16	2	1773	11/30-12/15	16	2	1625	10/26-1/5	71	4	2219
1997-98	11/29-1/4	37	5	359	11/29-12/14	16	2	2761	11/29-12/14	16	2	2261	10/25-1/4	71	4	2145
1998-99	11/28-12/13	16	5	103	11/28-12/13	16	2	2695	11/28-12/13	16	2	2299	10/24-1/3	71	4	1946
1999-00	12/4-1/9	37	5	206	12/4-12/19	16	2	1725	12/4-12/19	16	4	2423	10/23-1/9	78	4	1635
2000-01	12/2-1/7	37	5	231	12/2-12/17	16	4	1674	12/2-12/17	16	4	1629	10/28-1/7	71	4	1578
2001-02	11/24-1/6	44	5	250	11/24-12/9	16	4	2119	11/24-12/9	16	4	1928	10/27-1/6	71	4	2301
2002-03	11/30-1/5	37	5	544	11/30-12/15	16	5	2660	11/30-12/15	16	5	2839	10/26-1/5	71	4	2145
2003-04	11/29-1/4	37	5	483	11/29-12/14	16	5	2521	11/29-12/14	16	5	3214	10/25-1/4	71	4	2766
2004-05	11/27-1/9	44	5	631	11/27-12/12	16	5	2552	11/27-12/12	16	5	3241	10/23-1/9	78	4	3450
2005-06	11/26-1/8	44	5	590	11/26-12/11	16	5	2388	11/26-12/11	16	5	2653	10/29-1/8	71	4	2846
2006-07	11/25-1/7	44	5	890	11/25-12/10	16	5	3251	11/25-12/10	16	5	3788	10/28-1/7	71	4	2720
2007-08	11/24-1/6	44	5	702	11/24-12/2	9	5	1682	11/24-12/2	9	5	2221	10/27-1/6	71	2/4	1861
2008-09	11/29-1/4	37	5	853	11/29-12/7	9	5	1712	11/29-12/7	9	5	1823	10/25-1/4	71	2/4	1938
2009-10	11/28-1/3	37	5	884	11/28-12/6	9	5	1259	11/28-12/6	9	5	2073	10/24-1/3	71	2/4	1544
2010-11	11/27-1/9	44	5	1012	11/27-12/5	9	2	903	11/27-12/5	9	5	1842	10/23-1/9	78	4	1814
2011-12	11/26-1/8	44	5	1711	11/26-12/4	9	2	1473	11/26-12/4	9	5	2525	10/22-1/8	78	4	2294

^a In some years, otter season opens 1 week earlier in a north zone as compared to a south zone. Otter season dates in this table reflect the start of the north zone.

^b From 2007-2009, otter limits differ between a southeast zone (limit=2; Area 8, Fig. 1) and the remainder of the open area (limit=4).

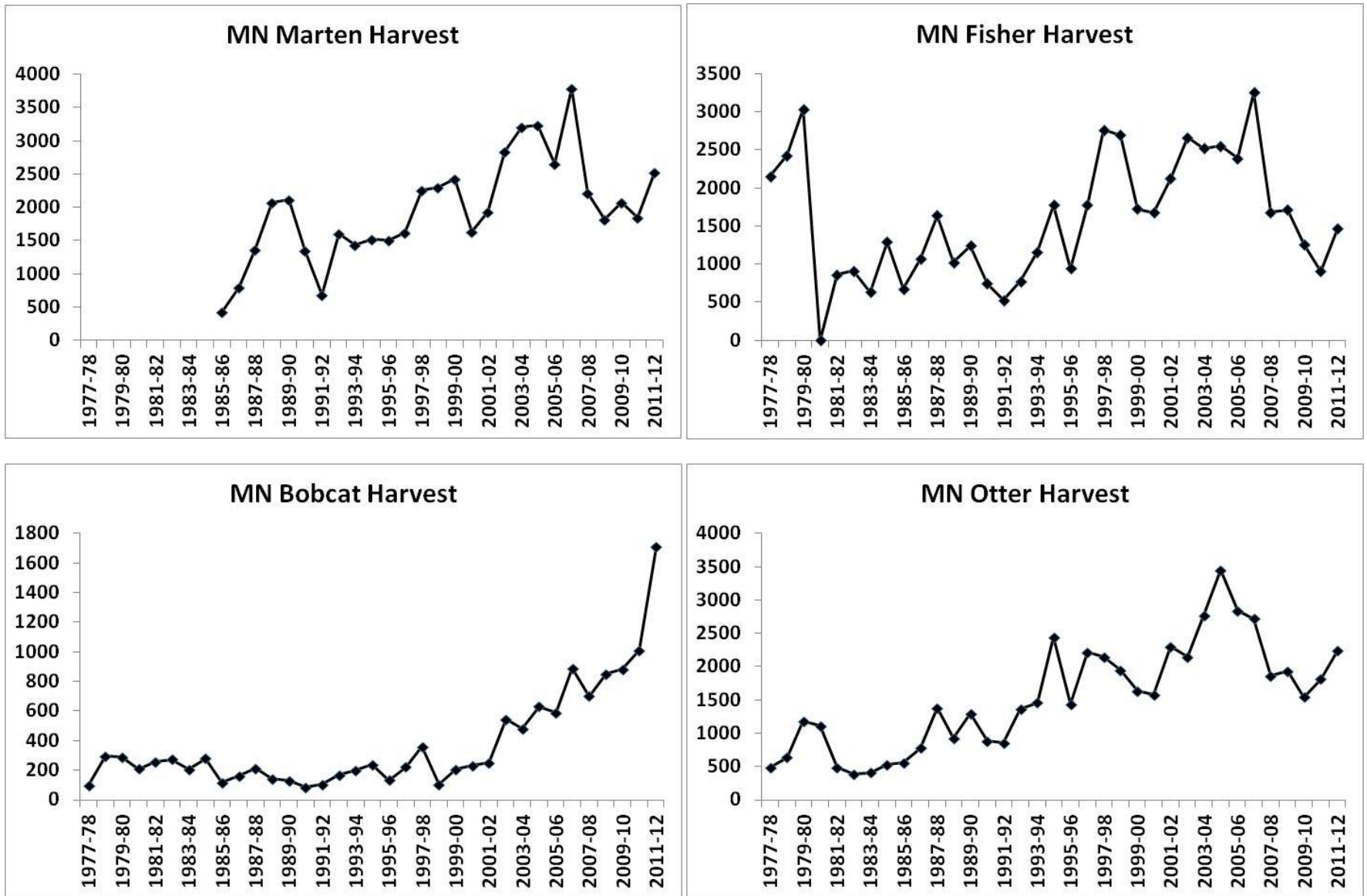


Figure 2. Harvest of registered furbearers in Minnesota, 1977-present.

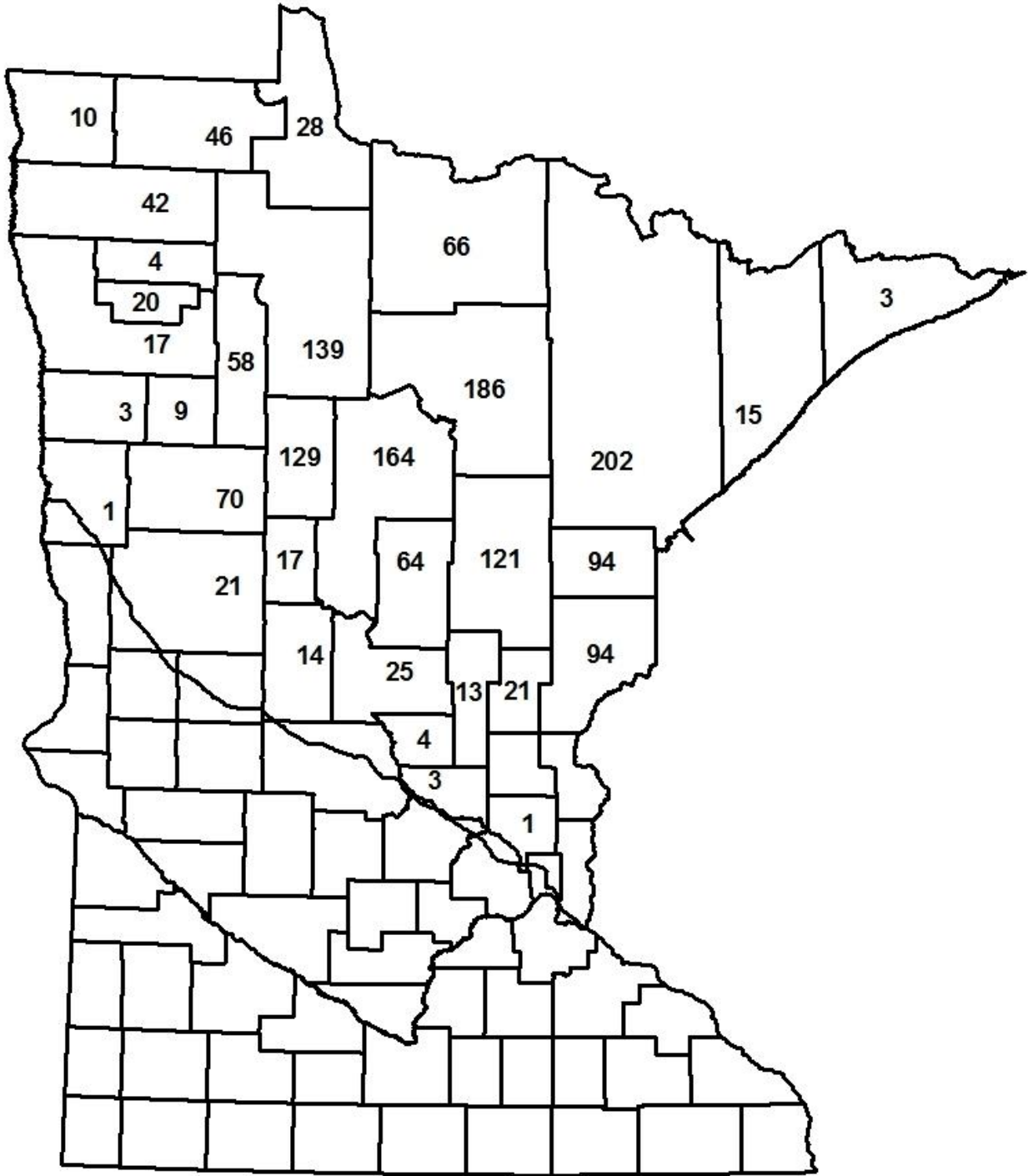


Figure 3. Bobcat harvest by county, 2011-12.

Table 2. Bobcat harvest by county and sex, 2011-12.

County	Sex*			Total	Harvest/ 100 Mile ²
	Male	Female	Unknown		
Aitkin	55	66		121	6.07
Anoka	0	1		1	0.22
Becker	33	37		70	4.84
Beltrami	69	70		139	4.55
Benton	2	2		4	0.97
Carlton	39	55		94	10.75
Cass	90	74		164	6.80
Chisago	0	0		0	0.00
Clay	0	1		1	0.09
Clearwater	32	26		58	5.63
Cook	1	2		3	0.19
Crow Wing	38	26		64	5.54
Hubbard	70	59		129	12.91
Isanti	0	0		0	0.00
Itasca	84	102		186	6.36
Kanabec	13	8		21	3.94
Kittson	2	8		10	0.90
Koochiching	28	38		66	2.09
Lake	7	8		15	0.66
Lake of the Woods	11	17		28	1.57
Mahnomen	6	3		9	1.54
Marshall	19	23		42	2.32
Mille Lacs	6	7		13	1.91
Morrison	8	17		25	2.17
Norman	1	2		3	0.34
Otter Tail	8	12	1	21	0.94
Pennington	4	0		4	0.65
Pine	42	51	1	94	6.56
Polk	10	7		17	0.85
Red Lake	14	6		20	4.62
Roseau	26	20		46	2.74
St. Louis	88	114		202	3.00
Sherburne	3	0		3	0.67
Stearns	0	0		0	0.00
Todd	5	9		14	1.43
Wadena	9	8		17	3.13
Unknown	2	5		7	
Total	825	884	2	1711	

* 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, 2001-2011.

County	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Aitkin	20	35	19	37	32	46	56	64	82	73	121
Anoka	0	0	0	0	0	0	0	0	0	0	1
Becker	28	26	19	28	19	46	24	37	25	39	70
Beltrami	26	63	47	66	34	90	33	49	70	108	139
Benton	0	0	0	0	0	0	1	5	2	0	4
Carlton	14	11	20	27	25	34	25	45	44	37	94
Cass	17	59	48	56	103	137	50	98	115	117	164
Chisago	0	1	0	0	0	0	3	0	0	1	0
Clay	0	0	1	0	0	0	0	0	1	3	1
Clearwater	6	24	19	18	18	42	25	43	27	30	58
Cook	0	1	1	2	3	0	0	1	0	1	3
Crow Wing	4	20	15	19	18	27	21	36	38	29	64
Hubbard	10	31	21	35	22	69	40	49	81	59	129
Isanti	0	0	2	0	1	0	0	0	0	0	0
Itasca	33	74	76	93	68	113	86	72	106	132	186
Kanabec	8	10	9	17	11	14	16	23	11	16	21
Kittson	7	5	8	6	3	5	4	9	4	9	10
Koochiching	12	23	25	14	22	16	37	31	25	54	66
Lake	0	0	0	1	2	1	0	1	2	7	15
Lake of the Woods	0	6	4	6	3	2	9	12	16	10	28
Mahnomen	1	0	3	7	2	7	8	0	4	2	9
Marshall	4	24	14	20	16	19	32	18	15	31	42
Mille Lacs	0	10	4	11	9	8	13	11	10	10	13
Morrison	4	6	14	18	18	17	23	28	13	23	25
Norman	0	0	0	0	0	1	0	0	1	0	3
Otter Tail	1	0	0	5	1	7	9	7	7	14	21
Pennington	1	1	0	6	3	2	11	9	6	5	4
Pine	23	49	44	59	47	59	87	101	49	50	94
Polk	0	2	2	4	1	3	0	4	9	9	17
Red Lake	0	1	1	0	6	1	0	0	7	16	20
Roseau	18	22	28	27	28	36	32	18	19	26	46
St. Louis	7	30	25	37	44	45	39	58	56	81	202
Sherburne	0	0	0	0	0	0	0	0	1	0	3
Stearns	0	0	0	0	0	0	1	0	0	0	0
Todd	1	3	6	5	7	12	6	14	10	9	14
Wadena	5	7	8	3	17	16	9	7	21	9	17
Unknown	0	0	0	4	7	15	2	3	7	2	7
Total	250	544	483	631	590	890	702	853	884	1012	1711

Table 4. Bobcat harvest by sex and week, 2011-12 season.

Date	Sex [*]			Total	% of Total	Cumulative %
	Male	Female	Unknown			
Nov.26 - Dec.2	142	155		297	17.36	17.36
Dec.3 - Dec.9	139	165		304	17.77	35.13
Dec.10 - Dec.16	128	120		248	14.49	49.62
Dec.17 - Dec.23	128	165		293	17.12	66.74
Dec.24 - Dec.30	144	122		266	15.55	82.29
Dec.31 - Jan.8**	124	138		262	15.31	97.60
Unknown	20	19	2	41	2.40	100%
Total	825	884	2	1711	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, 1986-2011.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1986-87	92 (77)	18 (15)	9 (8)	0 (0)	1 (1)	120
1987-88	104 (72)	23 (16)	10 (7)	6 (4)	2 (1)	145
1988-89	88 (82)	11 (10)	7 (7)	1 (1)	1 (1)	108
1989-90	56 (69)	13 (16)	5 (6)	3 (4)	4 (5)	81
1990-91	47 (77)	9 (15)	1 (2)	4 (7)	0 (0)	61
1991-92	42 (64)	15 (23)	4 (6)	3 (5)	2 (3)	66
1992-93	69 (64)	21 (20)	9 (9)	5 (5)	2 (2)	106
1993-94	90 (70)	17 (13)	13 (10)	7 (5)	2 (2)	201
1994-95	103 (68)	25 (17)	12 (8)	6 (4)	5 (3)	151
1995-96	67 (74)	13 (14)	5 (6)	4 (4)	2 (2)	91
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

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

Table 6. Bobcat harvest by method of take, 1984-2011.

Year	Total	Trapping				Hunting					
	Harvest ^a	Harvest	% of Total	# Takers	Ave. Take	% Males ^b	Harvest	% of Total	# Takers	Ave. Take	% Males ^b
1984-85	280	252	90	156	1.6		28	10	22	1.3	
1985-86	119	83	70	62	1.3		36	30	27	1.3	
1986-87	160	119	74	89	1.3		41	26	31	1.3	
1987-88	214	177	83	118	1.5		37	17	26	1.4	
1988-89	140	94	67	76	1.2		46	33	32	1.4	
1989-90	129	90	70	49	1.8		39	30	28	1.4	
1990-91	83	61	73	43	1.4		22	27	17	1.3	
1991-92	102	59	58	31	1.9		43	42	33	1.3	
1992-93	168	133	79	85	1.6		35	21	23	1.5	
1993-94	201	147	73	88	1.7		54	27	41	1.3	
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

^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

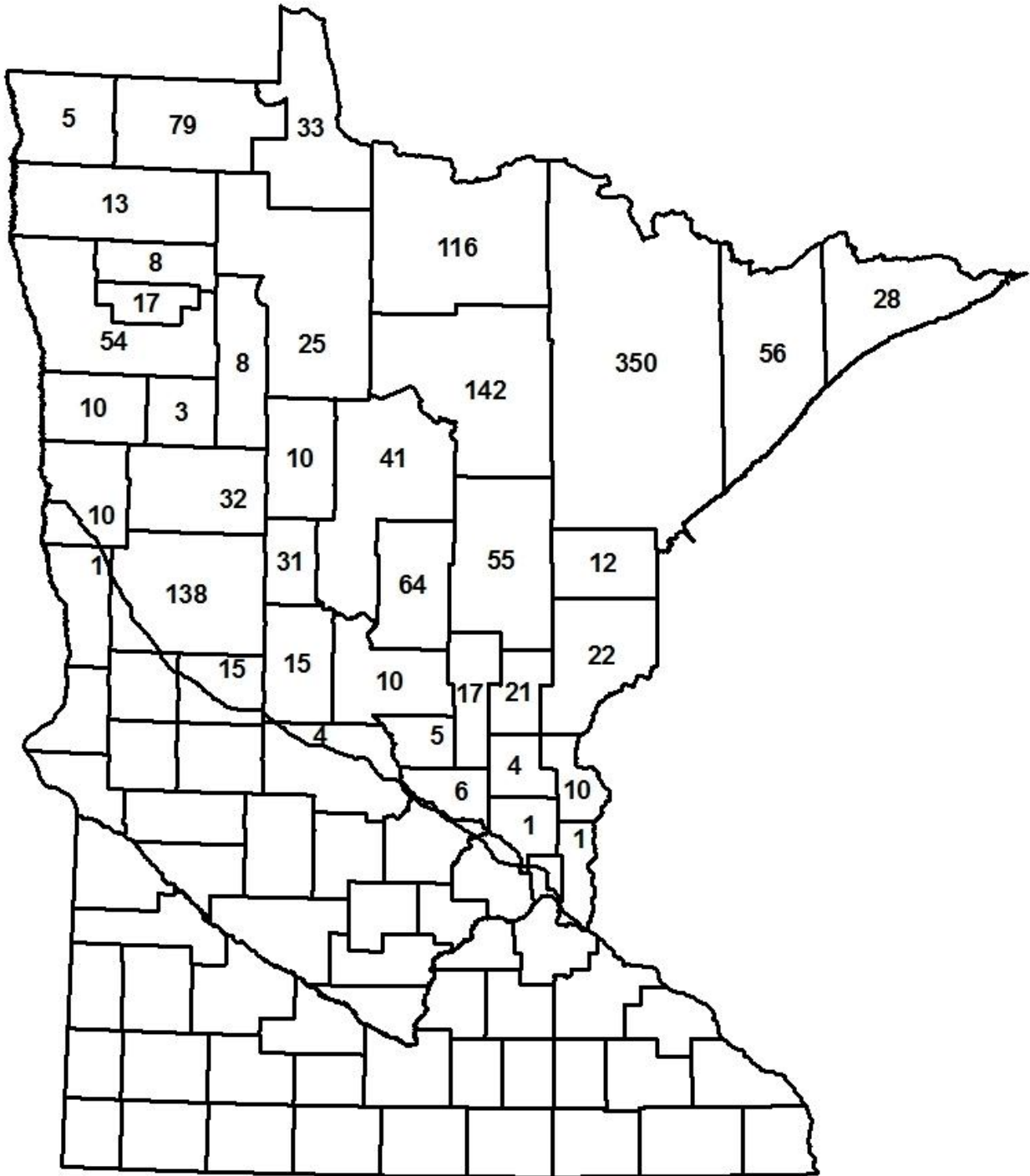


Figure 4. Fisher harvest by county, 2011.

Table 7. Fisher harvest by county and sex, 2011 season.

County	Sex			Total	Harvest/ 100 Mile ²
	Male	Female	Unknown		
Aitkin	33	22		55	2.76
Anoka	1	0		1	0.22
Becker	17	15		32	2.21
Beltrami	12	13		25	0.82
Benton	3	2		5	1.21
Carlton	9	3		12	1.37
Cass	26	15		41	1.70
Chisago	6	4		10	2.26
Clay	5	5		10	0.95
Clearwater	5	3		8	0.78
Cook	16	12		28	1.74
Crow Wing	30	34		64	5.54
Douglas	10	5		15	2.08
Grant	0	0		0	0.00
Hubbard	6	4		10	1.00
Isanti	4	0		4	0.89
Itasca	72	70		142	4.85
Kanabec	11	10		21	3.94
Kittson	3	2		5	0.45
Koochiching	56	60		116	3.68
Lake	28	28		56	2.45
Lake of the Woods	19	14		33	1.85
Mahnomen	1	2		3	0.51
Marshall	7	6		13	0.72
Mille Lacs	7	10		17	2.50
Morrison	6	4		10	0.87
Norman	8	2		10	1.14
Otter Tail	57	80	1	138	6.20
Pennington	5	3		8	1.29
Pine	15	7		22	1.54
Polk	27	27		54	2.70
Red Lake	10	7		17	3.93
Roseau	37	42		79	4.71
St. Louis	182	167	1	350	5.19
Sherburne	4	2		6	1.33
Stearns	2	2		4	0.29
Todd	10	5		15	1.53
Wadena	17	14		31	5.71
Washington	0	1		1	0.24
Wilkin	1	0		1	0.13
Unknown	0	1		1	
Total	768	703	2	1,473	

Table 8. Comparison of fisher harvest by county, 2000-2011.

County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Aitkin	68	103	122	124	96	97	156	67	75	50	35	55
Anoka	0	0	0	1	0	0	0	0	2	0	0	1
Becker	42	46	96	88	92	49	87	57	36	44	30	32
Beltrami	60	73	117	74	71	47	54	40	15	22	10	25
Benton	0	0	0	1	0	1	1	0	3	2	0	5
Carlton	27	37	48	42	40	35	49	13	19	15	12	12
Cass	122	134	225	205	186	149	209	80	77	57	43	41
Chisago	3	2	6	5	6	2	18	7	4	10	6	10
Clay	0	0	0	0	0	0	1	0	3	0	6	10
Clearwater	15	45	45	52	41	35	54	19	37	13	6	8
Cook	19	33	27	28	24	40	35	29	10	11	17	28
Crow Wing	71	82	106	106	113	79	140	81	116	42	48	64
Douglas	1	0	0	3	3	3	6	2	5	2	6	15
Grant	0	0	0	0	0	0	0	0	0	0	1	0
Hubbard	34	64	59	62	32	20	51	20	38	18	13	10
Isanti	0	0	0	0	2	3	5	1	5	9	1	4
Itasca	288	298	354	319	323	320	405	195	195	166	88	142
Kanabec	4	4	19	21	13	15	26	11	26	20	13	21
Kittson	3	7	3	11	2	7	2	5	8	5	7	5
Koochiching	159	156	178	171	179	209	221	105	115	96	51	116
Lake	62	54	72	74	87	85	87	49	54	49	45	56
Lake of the Woods	71	48	115	78	33	63	74	17	42	21	9	33
Mahnomen	0	12	16	14	13	9	27	25	6	3	0	3
Marshall	27	19	18	21	25	18	26	19	26	6	7	13
Mille Lacs	4	3	16	22	14	16	20	15	17	18	18	17
Morrison	0	1	6	3	7	5	23	21	14	10	8	10
Norman	0	0	1	1	11	6	4	9	12	7	4	10
Otter Tail	0	1	12	40	52	60	158	110	152	67	100	138
Pennington	4	4	10	18	42	22	22	16	8	2	4	8
Pine	37	29	44	54	56	42	82	39	74	30	26	22
Polk	8	24	46	65	47	38	72	61	49	31	25	54
Red Lake	18	16	15	16	29	34	32	29	23	23	10	17
Roseau	157	180	106	141	114	110	127	84	89	58	20	79
St. Louis	369	608	734	611	740	688	898	407	283	296	186	350
Sherburne	0	0	0	2	0	0	0	0	0	3	1	6
Stearns	0	0	0	0	1	0	0	0	1	1	0	4
Todd	0	2	5	14	18	23	21	13	33	22	18	15
Wadena	0	31	39	32	31	40	44	27	37	23	23	31
Washington	0	0	0	0	0	0	0	1	0	0	0	1
Wilkin	0	0	0	0	0	0	0	0	0	0	0	1
Unknown	1	1	0	2	9	18	14	8	3	7	6	1
Total	1,674	2,117	2,660	2,521	2,552	2,388	3,251	1,682	1,712	1,259	903	1,473

Table 9. Fisher harvest by date and sex, 2011 season.

Date	Sex			Total	% of Known	Cumulative
	Male	Female	Unknown		Total	%
Nov. 26	4	4		8	0.54	0.54
Nov. 27	88	75		163	11.07	11.61
Nov. 28	118	102		220	14.94	26.54
Nov. 29	92	106		198	13.44	39.99
Nov. 30	96	74	1	171	11.61	51.60
Dec. 1	97	83		180	12.22	63.82
Dec. 2	75	70	1	146	9.91	73.73
Dec. 3	94	91		185	12.56	86.29
Dec. 4	82	75		157	10.66	96.95
Unknown	22	23		45	3.05	100%
Total	768	703	2	1,473	100%	

Table 10. Distribution of fisher harvest* among trappers, 1993-2011.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1993	239 (34)	460 (66)	----	----	----	699	1.7
1994	321 (31)	725 (69)	----	----	----	1046	1.7
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

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

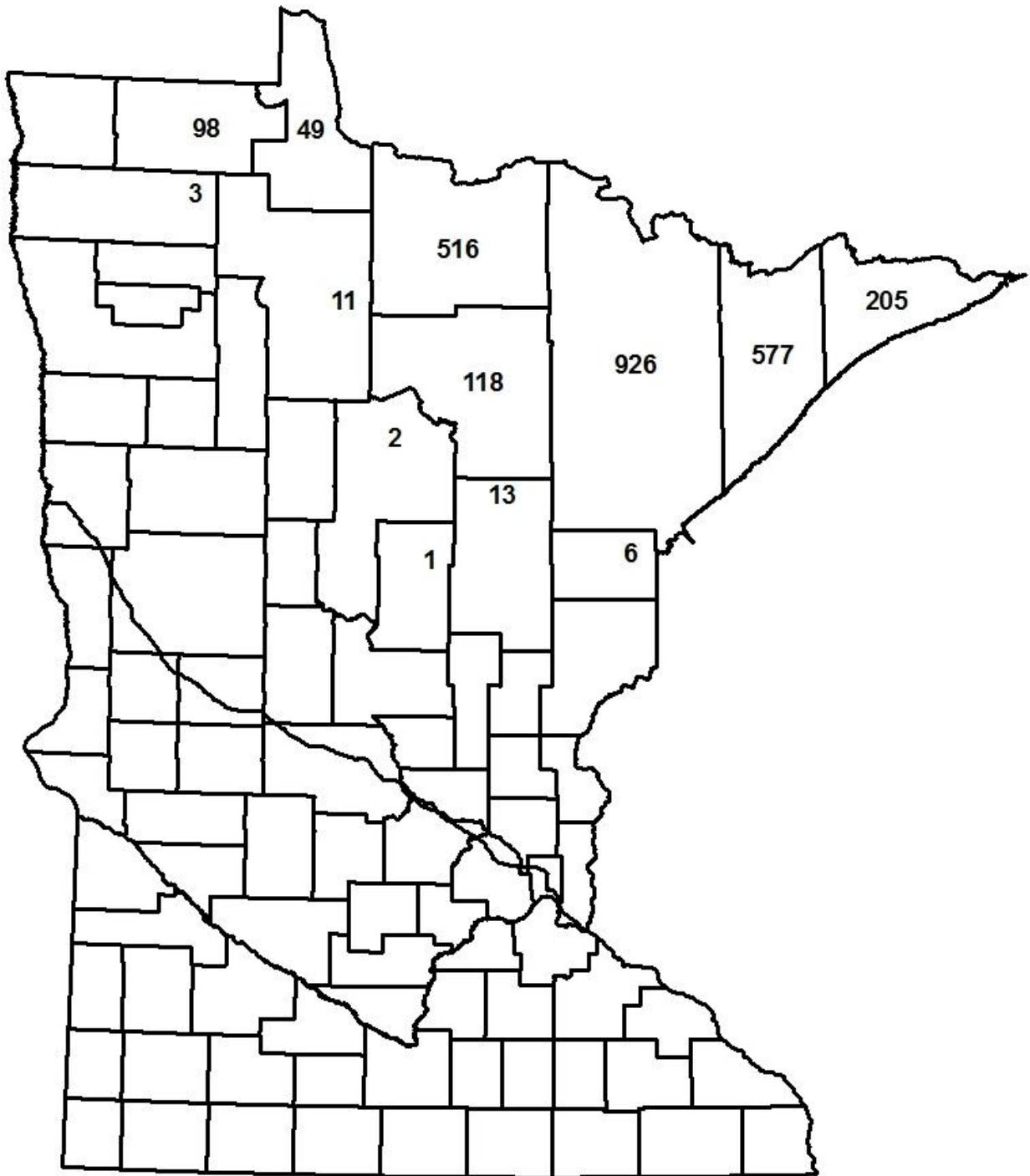


Figure 5. Marten harvest by county, 2011.

Table 11. Marten harvest by county and sex, 2011 season.

County	Sex			Total	Harvest/ 100 Mile ²
	Male	Female	Unknown		
Aitkin	6	7		13	0.65
Beltrami	6	5		11	0.36
Carlton	5	1		6	0.69
Cass	2	0		2	0.08
Clearwater	0	0		0	0.00
Cook	132	73		205	12.77
Crow Wing	1	0		1	0.09
Itasca	68	50		118	4.03
Kanabec	0	0		0	0.00
Kittson	0	0		0	0.00
Koochiching	332	184		516	16.36
Lake	365	212		577	25.22
Lake of the Woods	37	12		49	2.75
Mahnomen	0	0		0	0.00
Marshall	2	1		3	0.17
Pennington	0	0		0	0.00
Pine	0	0		0	0.00
Red Lake	0	0		0	0.00
Roseau	63	35		98	5.84
St. Louis	557	368	1	926	13.74
Unknown	0	0		0	
Total	1,576	948	1	2,525	

Table 12. Comparison of marten harvest by county in Minnesota, 2000-2011.

County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Aitkin	2	3	5	6	6	6	13	4	12	5	4	13
Beltrami	2	24	30	38	65	17	19	8	6	10	2	11
Carlton	5	11	4	11	1	10	6	1	4	8	5	6
Cass	3	1	3	2	3	1	4	0	1	2	1	2
Clearwater	0	0	0	1	1	0	0	0	0	0	0	0
Cook	190	164	228	411	318	369	446	269	151	244	191	205
Crow Wing	0	0	0	0	0	0	0	0	0	1	0	1
Itasca	82	102	147	141	136	98	155	74	72	91	73	118
Kanabec	0	0	0	0	0	0	2	0	0	0	0	0
Kittson	0	0	0	0	0	0	0	0	0	0	1	0
Koochiching	306	327	525	534	549	418	592	348	300	354	336	516
Lake	323	243	492	541	551	536	892	520	438	496	491	577
Lake of the Woods	15	13	104	71	122	54	46	31	17	17	13	49
Mahnomen	0	0	0	0	2	0	0	0	0	0	0	0
Marshall	1	1	1	1	5	3	0	1	0	4	0	3
Pennington	2	0	0	0	0	0	0	1	0	0	0	0
Pine	0	0	0	1	2	1	1	1	0	0	1	0
Red Lake	3	0	0	0	0	0	0	0	0	0	0	0
Roseau	98	48	116	104	127	51	31	69	46	32	13	98
St. Louis	596	991	1,184	1,352	1,346	1,065	1,579	885	769	803	709	926
Unknown	1	0	0	0	7	24	2	9	7	6	2	0
Total	1,629	1,928	2,839	3,214	3,241	2,653	3,788	2,221	1,823	2,073	1,842	2,525

Table 13. Marten harvest by date and sex, 2011 season.

Date	Sex			Total	% of Known Total	Cumulative %
	Male	Female	Unknown			
Nov. 26	3	4		7	0.28	0.28
Nov. 27	282	128		410	16.24	16.51
Nov. 28	203	152		355	14.06	30.57
Nov. 29	257	138		395	15.64	46.22
Nov. 30	223	142		365	14.46	60.67
Dec. 1	169	97		266	10.53	71.21
Dec. 2	143	84		227	8.99	80.20
Dec. 3	141	95		236	9.35	89.54
Dec. 4	134	93		227	8.99	98.53
Unknown	21	15	1	37	1.47	100%
Total	1,576	948	1	2,525	100%	

Table 14. Distribution of marten harvest* among trappers, 1993-2011.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1993	76 (10)	681 (90)	----	----	----	757	1.9
1994	165 (20)	681 (80)	----	----	----	846	1.8
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

* 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, 2011. (Combined limit = 5, not to exceed 2 fisher)

Number of Takers		Number of Marten					
		0	1	2	3	4	5
Number of Fisher	0		72	55	50	53	181
	1	313	39	48	41	112	
	2	291	43	28	90		
	3						
	4						
	5						
						Total takers of at least 1 fisher or marten	1,416

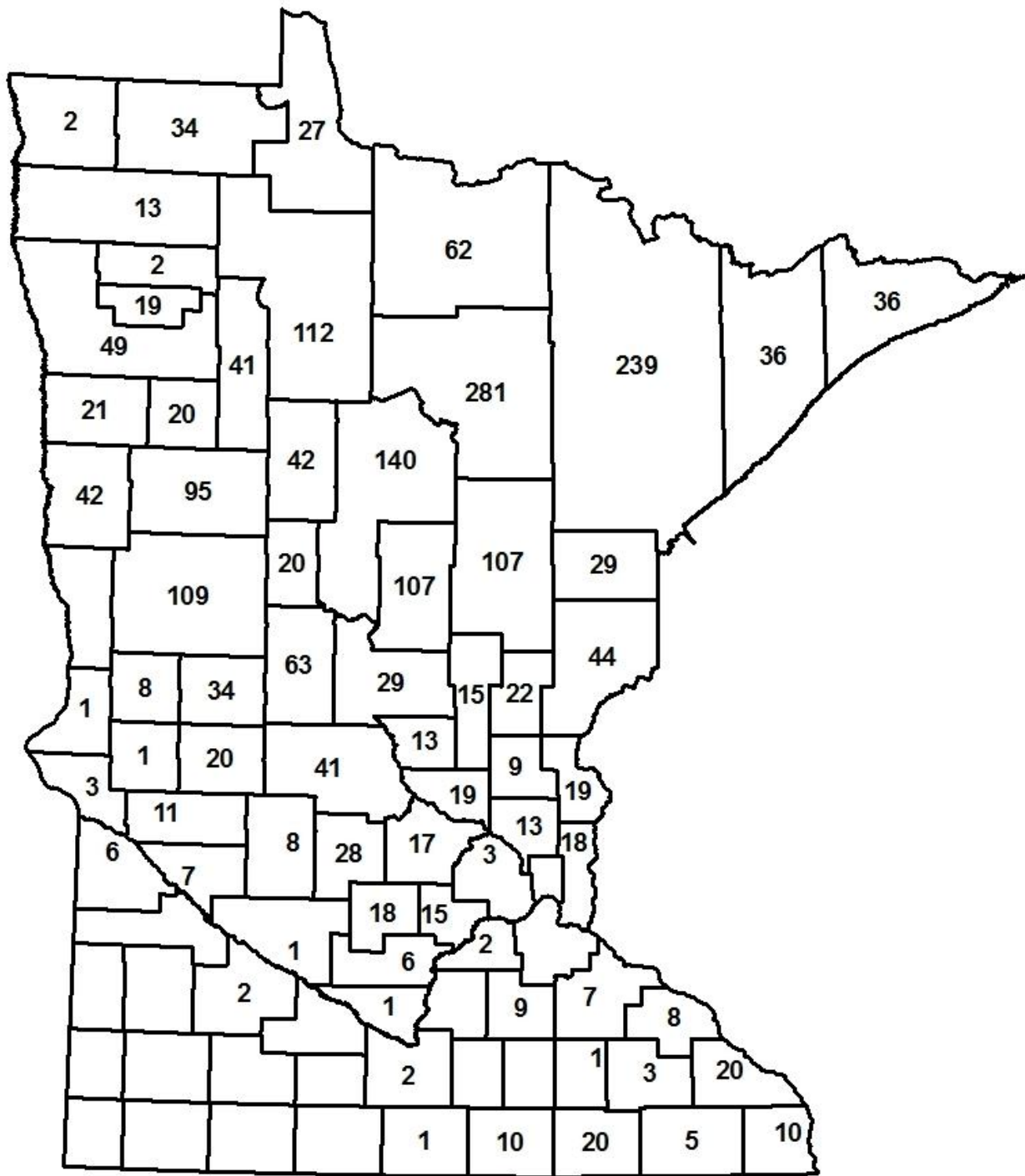


Figure 6. Otter harvest by county, 2011-12.

Table 16. Otter harvest by county and sex, 2011-12 season.

County	Sex			Total	Harvest/ 100 Mile ²
	Male	Female	Unknown		
Aitkin	67	40		107	5.37
Anoka	10	3		13	2.92
Becker	50	45		95	6.57
Beltrami	59	53		112	3.67
Benton	8	5		13	3.15
Big Stone	2	1		3	0.57
Blue Earth	1	1		2	0.26
Carlton	16	13		29	3.32
Carver	10	5		15	3.99
Cass	78	62		140	5.80
Chippewa	2	5		7	1.19
Chisago	9	10		19	4.30
Clay	29	13		42	3.99
Clearwater	28	13		41	3.98
Cook	20	16		36	2.24
Crow Wing	64	43		107	9.26
Dakota	0	0		0	0.00
Dodge	0	1		1	0.23
Douglas	19	15		34	4.72
Faribault	0	1		1	0.14
Fillmore	5	0		5	0.58
Freeborn	4	6		10	1.39
Goodhue	5	2		7	0.90
Grant	5	3		8	1.39
Hennepin	1	2		3	0.49
Houston	7	3		10	1.76
Hubbard	26	16		42	4.20
Isanti	7	2		9	1.99
Itasca	153	128		281	9.60
Kanabec	11	11		22	4.13
Kandiyohi	3	5		8	0.93
Kittson	2	0		2	0.18
Koochiching	40	22		62	1.97
Lac Qui Parle	5	1		6	0.77
Lake	24	12		36	1.57
Lake of the Woods	14	13		27	1.52
Le Sueur	0	0		0	0.00
McLeod	6	12		18	3.56
Mahnomen	12	8		20	3.43
Marshall	5	8		13	0.72
Meeker	13	15		28	4.34
Mille Lacs	9	6		15	2.20
Morrison	18	11		29	2.52
Mower	7	13		20	2.81
Nicollet	1	0		1	0.21
Norman	11	10		21	2.39
Olmsted	0	3		3	0.46
Otter Tail	70	39		109	4.90
Pennington	1	1		2	0.32
Pine	22	22		44	3.07
Polk	27	22		49	2.45
Pope	11	9		20	2.79
Red Lake	13	6		19	4.39
Redwood	2	0		2	0.23
Renville	1	0		1	0.10
Rice	4	5		9	1.75
Roseau	19	14		33	1.97
St. Louis	137	102		239	3.55
Scott	1	1		2	0.54
Sherburne	11	8		19	4.22

Table 16 (continued). Otter harvest by county and sex, 2011-12 season.

County	Sex			Total	Harvest/ 100 Mile ²
	Male	Female	Unknown		
Sibley	5	1		6	1.00
Stearns	25	16		41	2.95
Steele	0	0		0	0.00
Stevens	1	0		1	0.17
Swift	7	4		11	1.46
Todd	40	23		63	6.43
Traverse	0	1		1	0.17
Wabasha	6	2		8	1.46
Wadena	15	5		20	3.68
Washington	9	9		18	4.25
Wilkin	0	0		0	0.00
Winona	12	8		20	3.12
Wright	11	6		17	2.38
Unknown	8	9		17	
Total	1,324	970	0	2,294	

Table 17. Comparison of otter harvest by county, 2000-2011.

County	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Aitkin	82	100	78	87	113	132	124	53	65	54	59	107
Anoka	14	17	17	13	32	22	16	26	18	26	8	13
Becker	45	125	104	105	178	107	117	54	55	39	53	95
Beltrami	74	108	127	173	216	170	154	105	80	74	77	112
Benton	7	10	6	7	19	14	16	9	11	3	13	13
Big Stone	0	0	0	0	0	0	0	0	2	1	0	3
Blue Earth	0	0	0	0	0	0	0	0	0	0	0	2
Carlton	29	33	40	38	53	36	39	36	29	30	35	29
Carver	0	0	0	0	0	0	0	2	5	6	5	15
Cass	107	197	189	198	255	231	236	124	160	90	135	140
Chippewa	0	0	0	0	0	0	0	0	0	0	5	7
Chisago	12	26	18	22	20	28	33	16	15	18	23	19
Clay	3	1	7	7	15	18	35	8	14	7	23	42
Clearwater	25	47	61	52	62	48	41	39	35	19	38	41
Cook	26	26	31	41	56	46	39	13	12	16	19	36
Crow Wing	76	96	108	119	141	102	111	63	99	76	66	107
Dakota	0	0	0	0	0	0	0	0	5	7	1	0
Dodge	0	0	0	0	0	0	0	0	0	0	3	1
Douglas	1	1	0	12	27	16	30	18	28	11	14	34
Faribault	0	0	0	0	0	0	0	0	0	0	0	1
Fillmore	0	0	0	0	0	0	0	6	1	1	5	5
Freeborn	0	0	0	0	0	0	0	0	0	0	5	10
Goodhue	0	0	0	0	0	0	0	3	3	7	11	7
Grant	0	0	0	0	0	0	0	3	3	6	1	8
Hennepin	0	0	0	0	0	0	0	1	3	6	2	3
Houston	0	0	0	0	0	0	0	9	15	11	11	10
Hubbard	19	61	64	70	91	80	72	59	72	41	52	42
Isanti	28	33	33	27	35	38	30	30	17	18	14	9
Itasca	296	337	310	382	483	362	334	205	201	191	247	281
Kanabec	32	56	40	38	57	79	62	44	29	23	17	22
Kandiyohi	0	0	0	0	0	0	0	2	6	6	8	8
Kittson	0	1	2	3	3	3	5	11	2	3	8	2
Koochiching	107	118	96	164	167	131	118	70	95	61	81	62
Lac Qui Parle	0	0	0	0	0	0	0	0	0	0	2	6
Lake	70	57	57	81	88	65	60	35	34	45	28	36
Lake of the Woods	18	17	21	42	31	34	24	30	17	8	15	27
Le Sueur	0	0	0	0	0	0	0	0	0	0	3	0
McLeod	0	0	0	0	0	0	0	6	6	8	12	18
Mahnomen	10	17	7	23	24	29	26	24	7	7	9	20
Marshall	16	13	35	34	29	18	7	6	2	0	13	13
Meeker	0	0	0	0	0	0	0	13	13	16	12	28

Table 17 (continued). Comparison of otter harvest by county, 2000-2011.

County	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Mille Lacs	12	20	22	33	48	51	21	33	26	28	19	15
Morrison	17	45	36	46	64	77	60	45	43	31	29	29
Mower	0	0	0	0	0	0	0	0	0	0	8	20
Nicollet	0	0	0	0	0	0	0	0	0	0	2	1
Norman	4	3	4	1	16	17	11	9	17	11	12	21
Olmsted	0	0	0	0	0	0	0	0	2	3	2	3
Otter Tail	14	51	32	45	113	85	81	50	82	32	65	109
Pennington	2	6	12	16	18	33	15	9	0	1	4	2
Pine	35	42	61	78	99	51	111	50	74	37	38	44
Polk	34	60	63	72	104	45	47	32	25	19	36	49
Pope	0	0	0	0	0	0	0	11	12	12	11	20
Red Lake	22	18	27	35	58	26	30	19	8	20	22	19
Redwood	0	0	0	0	0	0	0	0	0	0	0	2
Renville	0	0	0	0	0	0	0	0	0	0	0	1
Rice	0	0	0	0	0	0	0	0	0	0	1	9
Roseau	40	36	27	72	69	60	53	32	53	23	32	33
St. Louis	255	453	316	483	508	428	344	290	251	233	253	239
Scott	0	0	0	0	0	0	0	3	3	1	4	2
Sherburne	10	11	11	24	25	15	29	26	10	17	7	19
Sibley	0	0	0	0	0	0	0	0	0	0	6	6
Stearns	5	5	17	13	22	21	33	9	38	24	13	41
Steele	0	0	0	0	0	0	0	0	0	0	1	0
Stevens	0	0	0	0	0	0	0	1	3	1	6	1
Swift	0	0	0	0	0	0	0	9	4	5	2	11
Todd	22	24	30	49	53	63	81	35	37	32	41	63
Traverse	0	0	0	0	0	0	0	1	0	2	0	1
Wabasha	0	0	0	0	0	0	0	15	7	18	7	8
Wadena	3	23	23	35	34	38	32	15	19	15	16	20
Washington	4	4	12	10	8	11	16	18	19	11	16	18
Wilkin	0	0	0	0	0	0	0	2	0	0	0	0
Winona	0	0	0	0	0	0	0	11	19	13	15	20
Wright	0	0	1	2	3	2	5	7	9	8	11	17
Unknown	2	3	0	14	13	14	22	6	18	12	2	17
Totals	1,578	2,301	2,145	2,766	3,450	2,846	2,720	1,861	1,938	1,544	1,814	2,294

Table 18. Otter harvest by sex and week, 2011-12 season.

Date	Sex			Total Harvest	% of Total	Cumulative %
	Male	Female	Unknown			
Oct.22 - Oct.28	78	62		140	6.10	6.10
Oct.29 - Nov.4	247	136		383	16.70	22.80
Nov.5 - Nov.11	187	186		373	16.26	39.06
Nov.12 - Nov.18	176	119		295	12.86	51.92
Nov.19 - Nov.25	119	87		206	8.98	60.90
Nov.26 - Dec.2	154	114		268	11.68	72.58
Dec.3 - Dec.9	84	62		146	6.36	78.95
Dec.10 - Dec.16	70	51		121	5.27	84.22
Dec.17 - Dec.23	64	41		105	4.58	88.80
Dec.24 - Dec.30	55	57		112	4.88	93.68
Dec.31 - Jan.8*	76	47		123	5.36	99.04
Unknown	14	8		22	0.96	100%
Total	1,324	970	0	2,294	100%	

* 9-day interval.

Table 19. Distribution of otter harvest[†] among trappers, 1993-2011.

Number (%) of Takers	Number Taken				Total Takers	Ave. Take
	1	2	3	4		
1993-94	193 (33)	115 (19)	100 (17)	184 (31)	592	2.5
1994-95	250 (27)	185 (20)	143 (15)	349 (38)	927	2.6
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

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