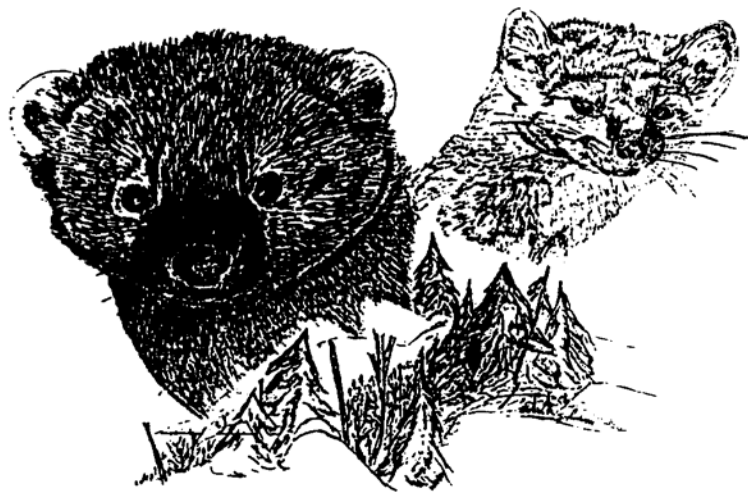


# REGISTERED FURBEARER HARVEST STATISTICS

## 2007-08 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 30 years, such data has been collected for these species.

## **METHODS**

Currently, harvest of these species is allowed in approximately the northern 60% of the state. Fur-harvesters are required to bring pelts from harvested animals (fisher, marten, bobcat, 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 location (township) of the harvested animal, and the pelt is tagged to verify it has been registered.

## **RESULTS**

All harvest summaries are provided in the following tables. The fisher and marten harvest season was shortened this year from 16 days to 9 days. The otter-trapping zone was expanded this year to include more areas in central Minnesota, as well as a portion of southeast Minnesota (Figure 4).

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Table 1. Registered furbearer harvests and total permits<sup>a</sup> issued, 1983-2007.

Year	Bobcat		Fisher		Marten		Otter	
	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest
1983-84	--	208	--	631	--	--	--	408
1984-85	--	280	--	1,289	--	--	--	529
1985-86	--	119	--	678	746	430	--	559
1986-87	--	160	3,302	1,067	2,171	798	3,198	777
1987-88	--	212	4,952	1,641	3,025	1,363	4,708	1,386
1988-89	--	141	4,419	1,025	3,369	2,072	4,070	922
1989-90	--	129	3,712	1,243	3,074	2,119	3,549	1,294
1990-91	--	84	2,385	746	2,090	1,349	2,199	888
1991-92	--	106	2,360	528	2,020	686	2,282	855
1992-93	--	168	2,420	778	2,050	1,602	3,440	1,368
1993-94	--	201	2,299	1,159	1,925	1,438	2,254	1,459
1994-95	--	238	2,186	1,772	2,477	1,527	2,964	2,445
1995-96	--	134	2,520	942	2,268	1,500	2,579	1,435
1996-97	--	223	1,557	1,773	1,392	1,625	1,623	2,219
1997-98	--	359	2,517	2,761	2,517	2,261	2,543	2,145
1998-99	--	103	2,808	2,695	2,808	2,299	2,749	1,946
1999-00	--	206	1,984	1,725	1,984	2,423	1,918	1,635
2000-01	--	231	3,226	1,674	3,226	1,629	3,116	1,578
2001-02	--	250	--	2,119	--	1,928	--	2,301
2002-03	--	544	--	2,660	--	2,839	--	2,145
2003-04	--	483	--	2,521	--	3,214	--	2,766
2004-05	--	631	--	2,552	--	3,241	--	3,450
2005-06	--	590	--	2,388	--	2,653	--	2,846
2006-07	--	890	--	3,251	--	3,788	--	2,720
2007-08	--	702	--	1,682	--	2,221	--	1,861

<sup>a</sup> Prior request tags and permits were required beginning in 1985 for marten and in 1986 for fisher and otter. No possession tags or prior permits have been required for bobcat, and prior request tags and permits were no longer required for fisher, marten, or otter starting in 2001-02.

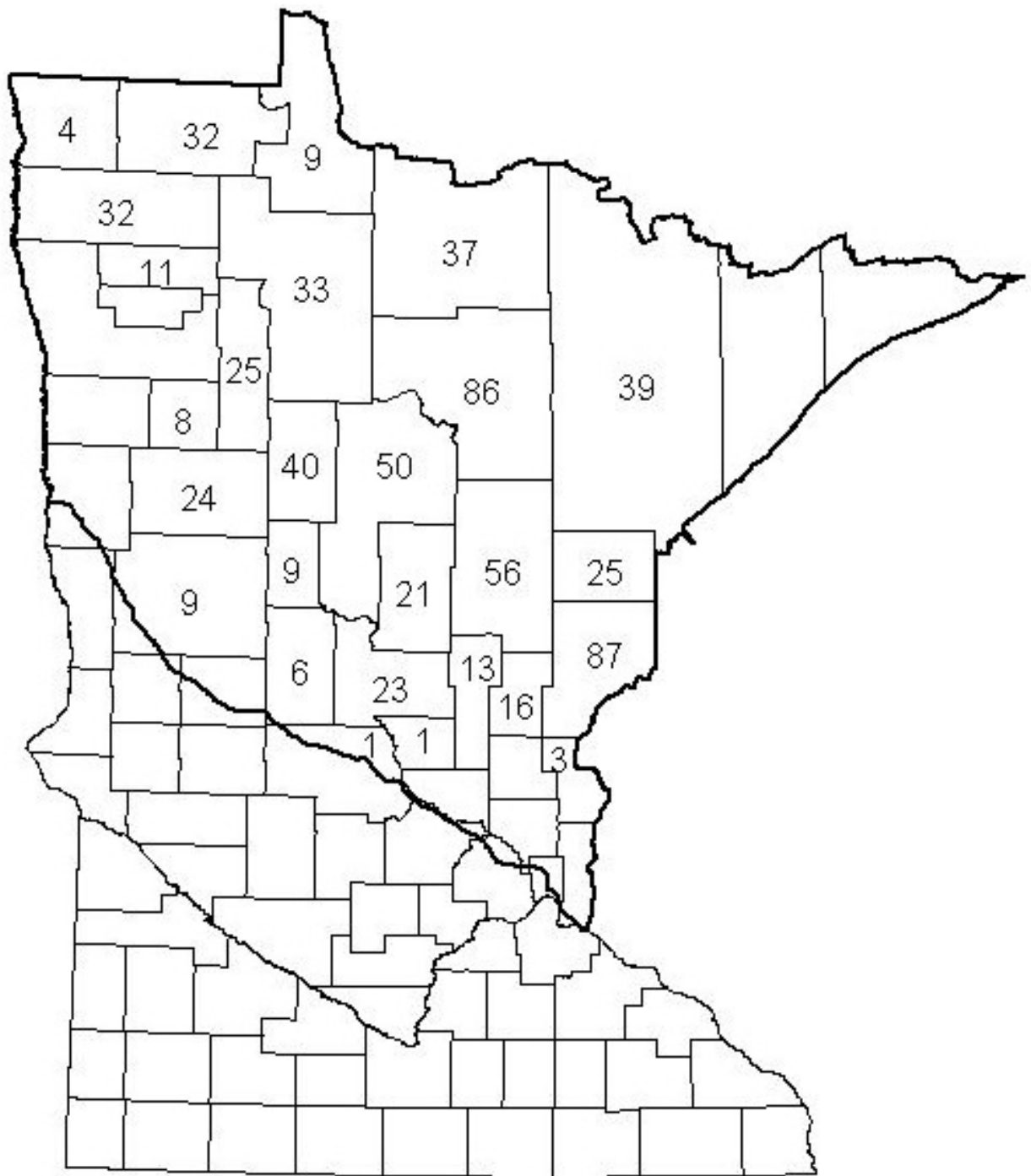


Figure 1. Bobcat harvest by county, 2007-08.

Table 2. Bobcat harvest by county and sex, 2007-08.

County	Sex*			Total
	Male	Female	Unknown	
Aitkin	17	39		56
Becker	9	15		24
Beltrami	13	20		33
Benton	0	1		1
Carlton	13	12		25
Cass	27	23		50
Chisago	2	1		3
Clay	0	0		0
Clearwater	11	14		25
Cook	0	0		0
Crow Wing	7	14		21
Hubbard	15	25		40
Isanti	0	0		0
Itasca	37	49		86
Kanabec	9	7		16
Kittson	2	2		4
Koochiching	14	23		37
Lake	0	0		0
LOW	7	2		9
Mahnomen	5	3		8
Marshall	24	8		32
Mille Lacs	3	10		13
Morrison	7	16		23
Norman	0	0		0
Ottertail	3	6		9
Pennington	2	9		11
Pine	26	60	1	87
Polk	0	0		0
Red Lake	0	0		0
Roseau	16	16		32
St. Louis	12	22	5	39
Stearns	1	0		1
Todd	4	2		6
Wadena	5	4		9
Unknown	1	1		2
<b>Total</b>	<b>292</b>	<b>404</b>	<b>6</b>	<b>702</b>

\* 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, 1997-2007.

County	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Aitkin	19	6	25	32	20	35	19	37	32	46	56
Becker	10	1	8	6	28	26	19	28	19	46	24
Beltrami	37	7	13	16	26	63	47	66	34	90	33
Benton	0	0	0	0	0	0	0	0	0	0	1
Carlton	18	4	10	12	14	11	20	27	25	34	25
Cass	64	16	24	11	17	59	48	56	103	137	50
Chisago	0	0	0	0	0	1	0	0	0	0	3
Clay	0	0	0	0	0	0	1	0	0	0	0
Clearwater	14	1	4	0	6	24	19	18	18	42	25
Cook	0	0	0	0	0	1	1	2	3	0	0
Crow Wing	8	15	21	13	4	20	15	19	18	27	21
Hubbard	19	1	7	4	10	31	21	35	22	69	40
Isanti	0	0	2	0	0	0	2	0	1	0	0
Itasca	45	10	23	40	33	74	76	93	68	113	86
Kanabec	13	3	4	11	8	10	9	17	11	14	16
Kittson	0	0	7	6	7	5	8	6	3	5	4
Kooch	14	2	8	11	12	23	25	14	22	16	37
Lake	0	1	0	1	0	0	0	1	2	1	0
LOW	0	2	2	3	0	6	4	6	3	2	9
Mahnomen	2	0	1	1	1	0	3	7	2	7	8
Marshall	28	4	10	2	4	24	14	20	16	19	32
Mille Lacs	0	0	1	2	0	10	4	11	9	8	13
Morrison	1	2	6	8	4	6	14	18	18	17	23
Norman	0	0	0	0	0	0	0	0	0	1	0
Ottertail	2	0	0	0	1	0	0	5	1	7	9
Pennington	1	0	0	1	1	1	0	6	3	2	11
Pine	23	12	15	21	23	49	44	59	47	59	87
Polk	1	0	0	1	0	2	2	4	1	3	0
Red Lake	0	0	0	2	0	1	1	0	6	1	0
Roseau	15	3	7	12	18	22	28	27	28	36	32
St. Louis	14	10	5	9	7	30	25	37	44	45	39
Stearns	0	0	0	0	0	0	0	0	0	0	1
Todd	0	2	1	0	1	3	6	5	7	12	6
Wadena	5	1	2	0	5	7	8	3	17	16	9
Unknown	4	0	0	4	0	0	0	4	7	15	2
Total	357	103	206	229	250	544	483	631	590	890	702

Table 4. Bobcat harvest by sex and week, 2007-08 season.

Date	Sex*			Total	% of Total	Cumulative %
	Male	Female	Unknown			
Nov.24 - Nov.30	63	69	5	137	19.52	19.52
Dec.1 - Dec.7	52	71		123	17.52	37.04
Dec.8 - Dec.14	42	61	1	104	14.81	51.85
Dec.15 - Dec.21	47	67		114	16.24	68.09
Dec.22 - Dec.28	36	59		95	13.53	81.62
Dec.29 - Jan.6**	48	75		123	17.52	99.15
Unknown	4	2		6	0.85	100%
Total	292	404	6	702	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, 1985-2007.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1985-86	70 (79)	11 (12)	6 (7)	1 (1)	1 (1)	89
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

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

Table 6. Bobcat harvest by method of take, 1981-2007.

Year	Total Harvest <sup>a</sup>	Trapping				Hunting					
		Harvest	% of Total	# Takers	Ave. Take	% Males <sup>b</sup>	Harvest	% of Total	# Takers	Ave. Take	% Males <sup>b</sup>
1981-82	259	218	84	142	1.5		41	16	30	1.4	
1982-83	274	239	87	147	1.6		35	13	23	1.5	
1983-84	208	168	81	118	1.4		40	19	32	1.3	
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

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

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

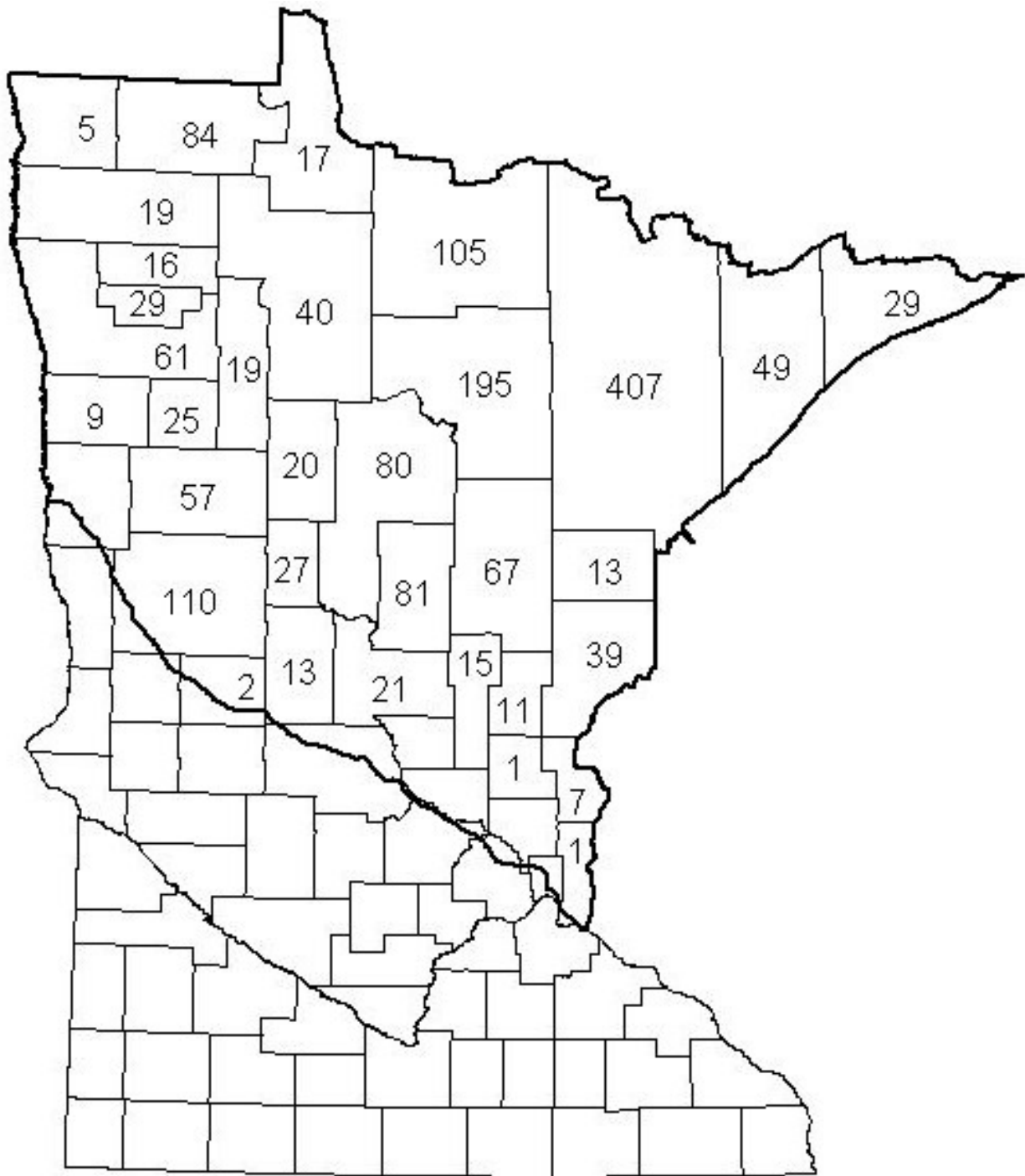


Figure 2. Fisher harvest by county, 2007-08.

Table 7. Fisher harvest by county and sex, 2007-08 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	32	35		67
Anoka	0	0		0
Becker	33	24		57
Beltrami	17	23		40
Benton	0	0		0
Carlton	10	3		13
Cass	51	29		80
Chisago	3	4		7
Clay	0	0		0
Clearwater	12	7		19
Cook	11	18		29
Crow Wing	47	34		81
Douglas	1	1		2
Hubbard	12	8		20
Isanti	0	1		1
Itasca	90	105		195
Kanabec	6	5		11
Kittson	2	3		5
Koochiching	47	58		105
Lake	25	24		49
LOW	8	9		17
Mahnomen	11	14		25
Marshall	8	11		19
Mille Lacs	10	5		15
Morrison	9	12		21
Norman	4	5		9
Ottertail	62	48		110
Pennington	5	11		16
Pine	21	18		39
Polk	31	27	3	61
Red Lake	18	11		29
Roseau	44	40		84
St. Louis	206	201		407
Sherburne	0	0		0
Stearns	0	0		0
Todd	7	6		13
Wadena	15	12		27
Washington	1	0		1
Unknown	5	2	1	8
<b>Total</b>	<b>864</b>	<b>814</b>	<b>4</b>	<b>1,682</b>

Table 8. Comparison of fisher harvest by county, 1996-2007.

County	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Aitkin	58	86	105	84	68	103	122	124	96	97	156	67
Anoka	0	0	0	0	0	0	0	1	0	0	0	0
Becker	15	25	15	32	42	46	96	88	92	49	87	57
Beltrami	84	140	105	70	60	73	117	74	71	47	54	40
Benton	0	0	0	0	0	0	0	1	0	1	1	0
Carlton	10	45	25	23	27	37	48	42	40	35	49	13
Cass	142	212	133	123	122	134	225	205	186	149	209	80
Chisago	0	0	1	0	3	2	6	5	6	2	18	7
Clay	0	0	0	0	0	0	0	0	0	0	1	0
Clearwater	6	31	18	13	15	45	45	52	41	35	54	19
Cook	12	24	26	19	19	33	27	28	24	40	35	29
Crow Wing	32	65	75	53	71	82	106	106	113	79	140	81
Douglas	0	0	0	0	1	0	0	3	3	3	6	2
Hubbard	30	66	38	34	34	64	59	62	32	20	51	20
Isanti	0	0	0	0	0	0	0	0	2	3	5	1
Itasca	291	477	441	248	288	298	354	319	323	320	405	195
Kanabec	6	7	3	11	4	4	19	21	13	15	26	11
Kittson	0	7	3	3	3	7	3	11	2	7	2	5
Koochiching	232	386	369	150	159	156	178	171	179	209	221	105
Lake	60	123	84	46	62	54	72	74	87	85	87	49
LOW	30	59	99	83	71	48	115	78	33	63	74	17
Mahnomen	0	0	0	3	0	12	16	14	13	9	27	25
Marshall	4	21	7	10	27	19	18	21	25	18	26	19
Mille Lacs	6	0	3	0	4	3	16	22	14	16	20	15
Morrison	0	0	0	2	0	1	6	3	7	5	23	21
Norman	0	0	0	6	0	0	1	1	11	6	4	9
Ottertail	0	0	1	0	0	1	12	40	52	60	158	110
Pennington	1	1	0	2	4	4	10	18	42	22	22	16
Pine	24	34	55	36	37	29	44	54	56	42	82	39
Polk	3	6	5	6	8	24	46	65	47	38	72	61
Red Lake	2	5	0	2	18	16	15	16	29	34	32	29
Roseau	89	134	171	111	157	180	106	141	114	110	127	84
St. Louis	604	783	880	546	369	608	734	611	740	688	898	407
Sherburne	0	0	0	0	0	0	0	2	0	0	0	0
Stearns	0	0	0	0	0	0	0	0	1	0	0	0
Todd	0	2	0	0	0	2	5	14	18	23	21	13
Wadena	2	10	5	8	0	31	39	32	31	40	44	27
Washington	0	0	0	0	0	0	0	0	0	0	0	1
Unknown	30	12	28	2	1	1	0	2	9	18	14	8
Total	1,773	2,761	2,695	1,726	1,674	2,117	2,660	2,521	2,552	2,388	3,251	1,682

Table 9. Fisher harvest by date and sex, 2007-08 season.

Date	Sex			Total	% of Known	Cumulative
	Male	Female	Unknown		Total	%
Nov. 24	5	6		11	0.65	0.65
Nov. 25	83	96	1	180	10.70	11.36
Nov. 26	144	124	1	269	15.99	27.35
Nov. 27	109	116		225	13.38	40.73
Nov. 28	127	144		271	16.11	56.84
Nov. 29	95	81		176	10.46	67.30
Nov. 30	116	96		212	12.60	79.90
Dec. 1	108	90	1	199	11.83	91.74
Dec. 2	53	41		94	5.59	97.32
Unknown	24	20	1	45	2.68	100%
Total	864	814	4	1,682	100%	

Table 10. Distribution of fisher harvest\* among trappers, 1993-2007.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1993-94	239 (34)	460 (66)	----	----	----	699	1.7
1994-95	321 (31)	725 (69)	----	----	----	1046	1.7
1995-96	232 (40)	355 (60)	----	----	----	587	1.6
1996-97	321 (31)	726 (69)	----	----	----	1047	1.7
1997-98	351 (23)	1205 (77)	----	----	----	1556	1.8
1998-99	443 (28)	1141 (72)	----	----	----	1584	1.7
1999-00	397 (37)	664 (63)	----	----	----	1061	1.6
2000-01	301(38)	251 (31)	129 (16)	121 (15)	----	802	2.1
2001-02	294 (33)	271 (31)	146 (17)	168 (19)	----	879	2.2
2002-03	336 (35)	234 (25)	138 (15)	117 (12)	123 (13)	948	1.8
2003-04	403 (39)	249 (24)	150 (15)	107 (11)	115 (11)	1024	1.7
2004-05	390 (37)	260 (25)	184 (17)	95 (9)	132 (12)	1061	1.7
2005-06	407 (40)	251 (24)	150 (15)	102 (10)	118 (11)	1028	1.7
2006-07	510 (37)	328 (24)	208 (15)	150 (11)	171 (13)	1367	1.7
2007-08	416 (50)	193 (23)	104 (12)	68 (8)	57 (7)	838	1.7

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

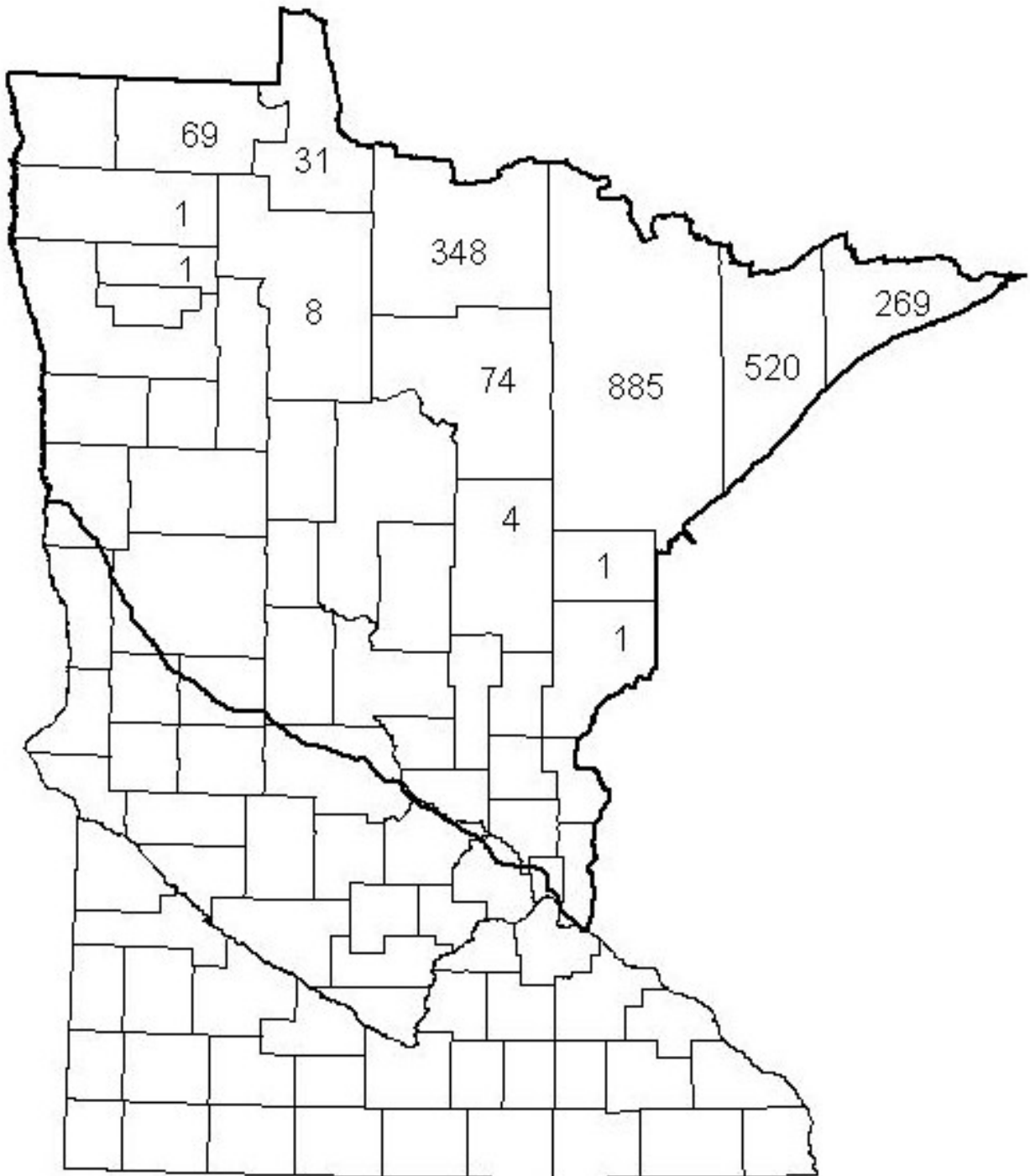


Figure 3. Marten harvest by county, 2007-08.



Table 11. Marten harvest by county and sex, 2007-08 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	3	1		4
Beltrami	6	2		8
Carlton	1	0		1
Cass	0	0		0
Clearwater	0	0		0
Cook	140	129		269
Crow Wing	0	0		0
Itasca	43	31		74
Kanabec	0	0		0
Koochiching	225	123		348
Lake	304	216		520
Lake of the Woods	23	8		31
Mahnomen	0	0		0
Marshall	1	0		1
Pennington	1	0		1
Pine	1	0		1
Red Lake	0	0		0
Roseau	36	33		69
St. Louis	536	346	3	885
Unknown	7	2		9
<b>Total</b>	<b>1,327</b>	<b>891</b>	<b>3</b>	<b>2,221</b>

Table 12. Comparison of marten harvest by county in Minnesota, 1996-2007.

County	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Aitkin	0	0	1	2	2	3	5	6	6	6	13	4
Beltrami	2	12	12	37	2	24	30	38	65	17	19	8
Carlton	0	0	3	6	5	11	4	11	1	10	6	1
Cass	0	0	1	2	3	1	3	2	3	1	4	0
Clearwater	0	0	0	0	0	0	0	1	1	0	0	0
Cook	116	195	208	240	190	164	228	411	318	369	446	269
Crow Wing	0	0	0	3	0	0	0	0	0	0	0	0
Itasca	83	164	155	114	82	102	147	141	136	98	155	74
Kanabec	0	0	0	0	0	0	0	0	0	0	2	0
Koochiching	382	597	517	492	306	327	525	534	549	418	592	348
Lake	234	287	284	284	323	243	492	541	551	536	892	520
LOW	0	12	26	58	15	13	104	71	122	54	46	31
Mahnomen	0	0	0	0	0	0	0	0	2	0	0	0
Marshall	0	0	0	1	1	1	1	1	5	3	0	1
Pennington	0	0	0	0	2	0	0	0	0	0	0	1
Pine	0	0	0	0	0	0	0	1	2	1	1	1
Red Lake	0	0	0	0	3	0	0	0	0	0	0	0
Roseau	0	0	41	51	98	48	116	104	127	51	31	69
St. Louis	797	980	1,020	1,131	596	991	1,184	1,352	1,346	1,065	1,579	885
Unknown	11	14	31	2	1	0	0	0	7	24	2	9
Total	1,625	2,261	2,299	2,423	1,629	1,928	2,839	3,214	3,241	2,653	3,788	2,221

Table 13. Marten harvest by date and sex, 2007-08 season.

Date	Sex			Total	% of Known Total	Cumulative %
	Male	Female	Unknown			
Nov. 24	6	3		9	0.41	0.41
Nov. 25	230	136		366	16.48	16.88
Nov. 26	246	136	2	384	17.29	34.17
Nov. 27	218	135		353	15.89	50.07
Nov. 28	179	136		315	14.18	64.25
Nov. 29	125	86	1	212	9.55	73.80
Nov. 30	110	106		216	9.73	83.52
Dec. 1	128	80		208	9.37	92.89
Dec. 2	47	52		99	4.46	97.34
Unknown	38	21		59	2.66	100%
<b>Total</b>	<b>1,327</b>	<b>891</b>	<b>3</b>	<b>2,221</b>	<b>100%</b>	

Table 14. Distribution of marten harvest\* among trappers, 1993-2007.

Number (%) of Takers	Number Taken					Total Takers	Ave. Take
	1	2	3	4	5		
1993-94	76 (10)	681 (90)	----	----	----	757	1.9
1994-95	165 (20)	681 (80)	----	----	----	846	1.8
1995-96	78 (10)	711 (90)	----	----	----	789	1.9
1996-97	157 (18)	734 (82)	----	----	----	891	1.8
1997-98	161 (13)	1050 (87)	----	----	----	1211	1.9
1998-99	187 (15)	1056 (85)	----	----	----	1243	1.8
1999-00	164 (17)	318 (34)	213 (23)	246 (26)	----	941	2.6
2000-01	188 (28)	190 (28)	123 (18)	173 (26)	----	674	2.4
2001-02	147 (23)	175 (27)	138 (21)	187 (29)	----	647	2.6
2002-03	149 (21)	138 (19)	147 (21)	123 (17)	160 (22)	717	1.9
2003-04	126 (15)	135 (16)	159 (19)	170 (20)	265 (31)	855	1.8
2004-05	165 (17)	153 (16)	171 (18)	164 (18)	282 (30)	935	1.8
2005-06	191 (22)	158 (18)	139 (16)	156 (18)	215 (25)	859	1.8
2006-07	206 (18)	201 (17)	226 (19)	203 (17)	335 (29)	1171	1.8
2007-08	176 (23)	160 (21)	147 (19)	141 (18)	142 (19)	766	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, 2007-08. (Combined limit = 5)

Number of Takers		Number of Marten					
		0	1	2	3	4	5
Number of Fisher	0		87	63	55	70	142
	1	221	43	39	43	70	
	2	105	16	22	50		
	3	56	14	34			
	4	51	17				
	5	57					
						Total takers of at least 1 fisher or marten	1255

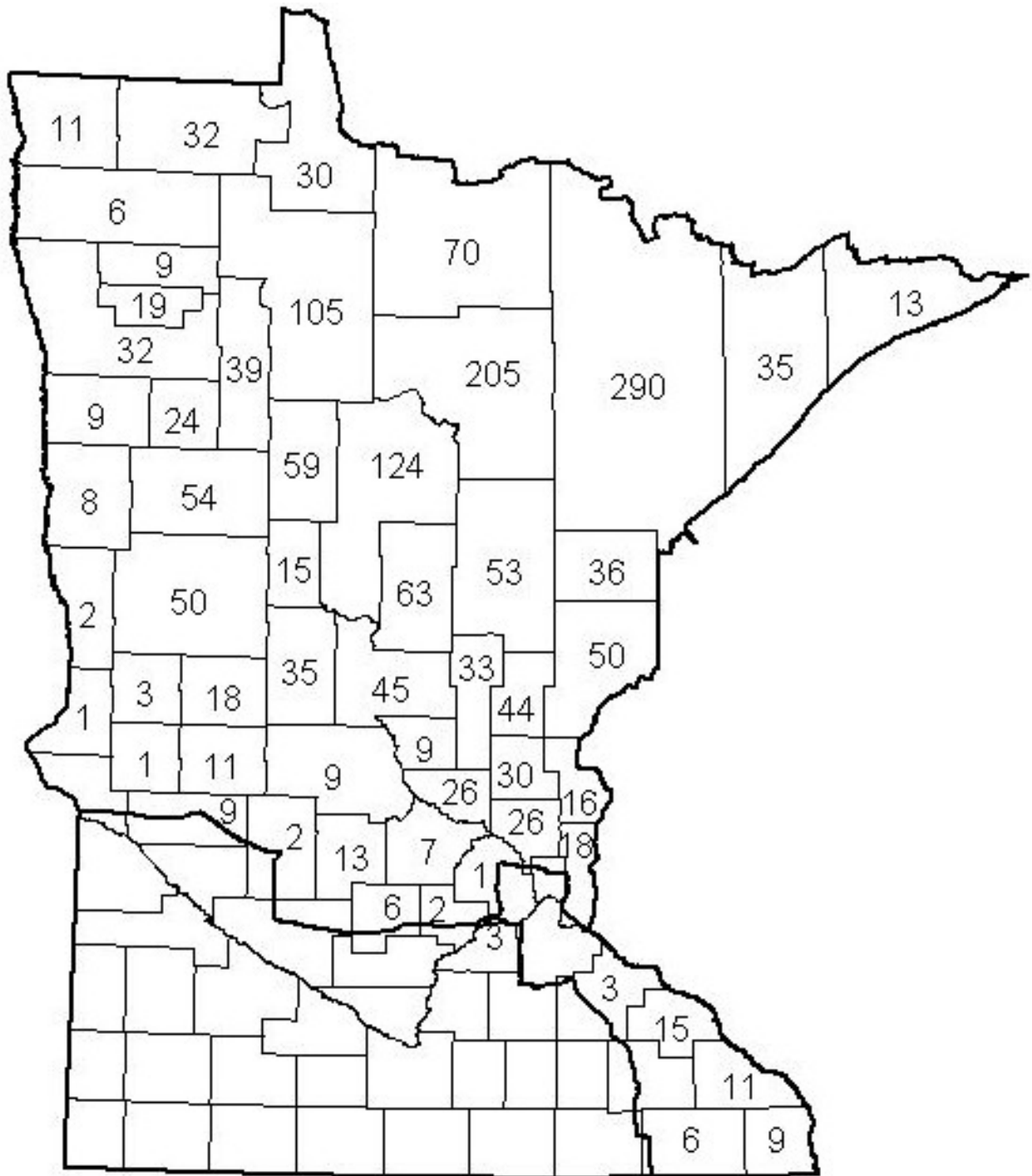


Figure 4. Otter harvest by county, 2007-08.

Table 16. Otter harvest by county and sex, 2007-08 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	29	24		53
Anoka	18	8		26
Becker	29	25		54
Beltrami	52	53		105
Benton	3	6		9
Carlton	20	16		36
Carver	0	2		2
Cass	85	39		124
Chisago	13	3		16
Clay	0	8		8
Clearwater	23	16		39
Cook	9	4		13
Crow Wing	31	32		63
Douglas	12	6		18
Fillmore	0	6		6
Goodhue	2	1		3
Grant	2	1		3
Hennepin	0	1		1
Houston	5	4		9
Hubbard	39	20		59
Isanti	11	19		30
Itasca	105	100		205
Kanabec	20	24		44
Kandiyohi	1	1		2
Kittson	6	5		11
Koochiching	32	38		70
Lake	20	15		35
Lake of the Woods	18	12		30
McLeod	4	2		6
Mahnomen	13	11		24
Marshall	4	2		6
Meeker	6	7		13
Mille Lacs	15	18		33
Morrison	20	19	6	45
Norman	8	1		9
Ottertail	27	23		50
Pennington	7	2		9
Pine	30	20		50
Polk	13	15	4	32
Pope	7	4		11
Red Lake	10	9		19
Roseau	18	14		32
St. Louis	156	133	1	290
Scott	2	1		3
Sherburne	15	11		26
Stearns	4	5		9
Stevens	1	0		1
Swift	6	3		9
Todd	20	15		35
Traverse	1	0		1
Wabasha	11	4		15
Wadena	10	5		15
Washington	9	9		18
Wilkin	1	1		2
Winona	7	4		11
Wright	3	4		7
Unknown	4	2		6
Total	1,017	833	11	1,861

Table 17. Comparison of otter harvest by county, 1996-2007.

County	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Aitkin	78	95	87	103	82	100	78	87	113	132	124	53
Anoka	13	21	23	25	14	17	17	13	32	22	16	26
Becker	54	85	30	64	45	125	104	105	178	107	117	54
Beltrami	133	133	81	103	74	108	127	173	216	170	154	105
Benton	1	4	6	2	7	10	6	7	19	14	16	9
Carlton	33	43	39	45	29	33	40	38	53	36	39	36
Carver	0	0	0	0	0	0	0	0	0	0	0	2
Cass	184	189	149	109	107	197	189	198	255	231	236	124
Chisago	13	20	20	13	12	26	18	22	20	28	33	16
Clay	2	7	0	7	3	1	7	7	15	18	35	8
Clearwater	57	25	18	29	25	47	61	52	62	48	41	39
Cook	28	29	48	30	26	26	31	41	56	46	39	13
Crow Wing	73	84	81	77	76	96	108	119	141	102	111	63
Douglas	5	7	7	1	1	1	0	12	27	16	30	18
Fillmore	0	0	0	0	0	0	0	0	0	0	0	6
Goodhue	0	0	0	0	0	0	0	0	0	0	0	3
Grant	0	0	0	0	0	0	0	0	0	0	0	3
Hennepin	0	0	0	0	0	0	0	0	0	0	0	1
Houston	0	0	0	0	0	0	0	0	0	0	0	9
Hubbard	89	95	28	23	19	61	64	70	91	80	72	59
Isanti	17	29	26	20	28	33	33	27	35	38	30	30
Itasca	383	371	339	220	296	337	310	382	483	362	334	205
Kanabec	20	43	24	29	32	56	40	38	57	79	62	44
Kandiyohi	0	0	0	0	0	0	0	0	0	0	0	2
Kittson	0	2	1	0	0	1	2	3	3	3	5	11
Koochiching	139	109	126	63	107	118	96	164	167	131	118	70
Lake	62	57	77	44	70	57	57	81	88	65	60	35
LOW	16	24	32	36	18	17	21	42	31	34	24	30
McLeod	0	0	0	0	0	0	0	0	0	0	0	6
Mahnomen	11	6	9	10	10	17	7	23	24	29	26	24
Marshall	14	14	5	8	16	13	35	34	29	18	7	6
Meeker	0	0	0	0	0	0	0	0	0	0	0	13
Mille Lacs	27	18	17	15	12	20	22	33	48	51	21	33
Morrison	20	25	18	30	17	45	36	46	64	77	60	45
Norman	3	1	0	2	4	3	4	1	16	17	11	9
Ottertail	14	41	29	20	14	51	32	45	113	85	81	50
Pennington	5	6	2	10	2	6	12	16	18	33	15	9
Pine	72	73	62	21	35	42	61	78	99	51	111	50
Polk	45	35	23	21	34	60	63	72	104	45	47	32
Pope	0	0	0	0	0	0	0	0	0	0	0	11
Red Lake	9	9	7	8	22	18	27	35	58	26	30	19



Table 17 (continued). Comparison of otter harvest by county, 1996-2007.

County	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Roseau	24	41	40	37	40	36	27	72	69	60	53	32
St. Louis	473	332	421	353	255	453	316	483	508	428	344	290
Scott	0	0	0	0	0	0	0	0	0	0	0	3
Sherburne	12	15	13	14	10	11	11	24	25	15	29	26
Stearns	15	15	11	7	5	5	17	13	22	21	33	9
Stevens	0	0	0	0	0	0	0	0	0	0	0	1
Swift	0	0	0	0	0	0	0	0	0	0	0	9
Todd	22	22	23	16	22	24	30	49	53	63	81	35
Traverse	0	0	0	0	0	0	0	0	0	0	0	1
Wabasha	0	0	0	0	0	0	0	0	0	0	0	15
Wadena	14	8	6	13	3	23	23	35	34	38	32	15
Washington	7	4	6	4	4	4	12	10	8	11	16	18
Wilkin	0	0	0	0	0	0	0	0	0	0	0	2
Winona	0	0	0	0	0	0	0	0	0	0	0	11
Wright	0	0	0	0	0	0	1	2	3	2	5	7
Unknown	32	8	12	3	2	3	0	14	13	14	22	6
Totals	2,219	2,145	1,946	1,635	1,578	2,301	2,145	2,766	3,450	2,846	2,720	1,861

Table 18. Otter harvest by sex and week, 2007-08 season.

Date	Sex			Total Harvest	% of Total	Cumulative %
	Male	Female	Unknown			
Oct.27 - Nov.2	164	157	1	322	17.30	17.30
Nov.3 - Nov.9	190	144	1	335	18.00	35.30
Nov.10 - Nov.16	178	149	1	328	17.62	52.93
Nov.17 - Nov.23	104	113	4	221	11.88	64.80
Nov.24 - Nov.30	164	106	3	273	14.67	79.47
Dec.1 - Dec.7	76	40		116	6.23	85.71
Dec.8 - Dec.14	30	23		53	2.85	88.55
Dec.15 - Dec.21	42	29		71	3.82	92.37
Dec.22 - Dec.28	35	36		71	3.82	96.18
Dec.29 - Jan.6*	30	32	1	63	3.39	99.57
Unknown	4	4		8	0.43	100%
<b>Total</b>	<b>1,017</b>	<b>833</b>	<b>11</b>	<b>1,861</b>	<b>100%</b>	

\* 9-day interval.

Table 19. Distribution of otter harvest\* among trappers, 1993-2007.

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	319 (39)	164 (20)	120 (15)	209 (26)	812	2.3

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