

REGISTERED FURBEARER HARVEST STATISTICS

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2004-05 Report

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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 25 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. Furharvesters are required to bring pelts from harvested animals (fisher, pine 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.

NOTE: This report does not include tribal harvests, or any confiscations.

Table 1. Registered furbearer harvests and total permits^a issued, 1985-2004.

Year	Bobcat		Fisher		Pine marten		Otter	
	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest
1985-86	--	119	--	678	746	430	--	559
1986-87	--	160	3,302	1,607	2,171	798	3,198	777
1987-88	--	214	4,952	1,642	3,025	1,363	4,708	1,386
1988-89	--	140	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	1,771	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

^a 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.

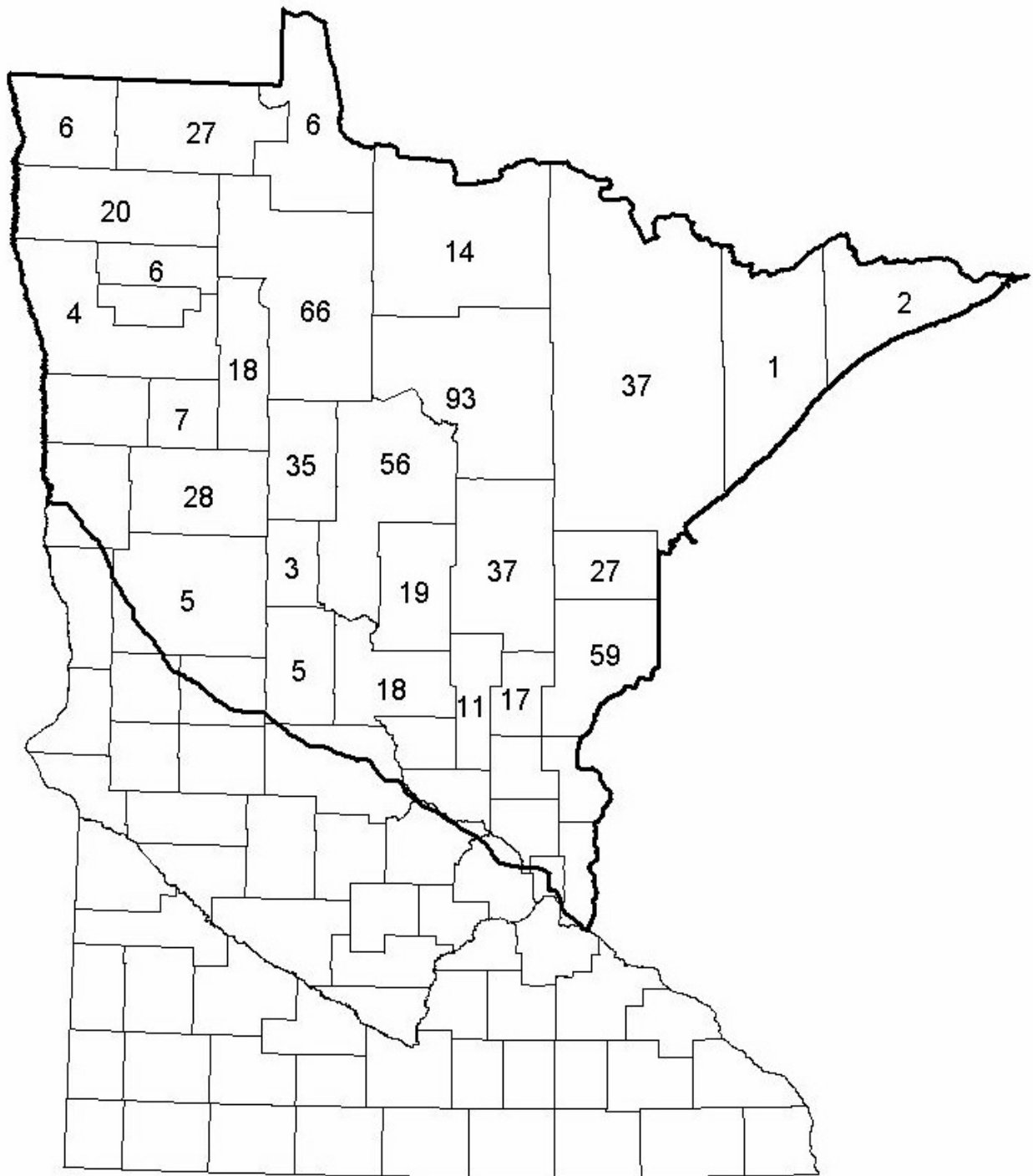


Figure 1. Bobcat harvest by county, 2004-2005.

Table 2. Bobcat harvest by county and sex, 2004-05.

County	Sex*			Total
	Male	Female	Unknown	
Aitkin	18	18	1	37
Becker	15	13	0	28
Beltrami	20	46	0	66
Benton	0	0	0	0
Carlton	11	16	0	27
Cass	27	29	0	56
Chisago	0	0	0	0
Clearwater	11	7	0	18
Clay	0	0	0	0
Cook	1	1	0	2
Crow Wing	10	9	0	19
Hubbard	14	19	2	35
Isanti	0	0	0	0
Itasca	38	54	1	93
Kanabec	10	7	0	17
Kittson	4	2	0	6
Koochiching	4	10	0	14
Lake	0	1	0	1
LOW	3	3	0	6
Mahnomen	4	3	0	7
Marshall	7	13	0	20
Mille Lacs	5	6	0	11
Morrison	8	10	0	18
Ottertail	5	0	0	5
Pennington	3	3	0	6
Pine	25	34	0	59
Polk	3	1	0	4
Red Lake	0	0	0	0
Roseau	12	15	0	27
St. Louis	19	18	0	37
Todd	0	5	0	5
Wadena	2	1	0	3
Unknown	0	4	0	4
Total	279	348	4	631

* 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, 1994-95 through 2004-05.

County	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Aitkin	14	12	20	19	6	25	32	20	35	19	37
Becker	7	5	4	10	1	8	6	28	26	19	28
Beltrami	23	6	20	37	7	13	16	26	63	47	66
Benton	0	1	0	0	0	0	0	0	0	0	0
Carlton	8	5	14	18	4	10	12	14	11	20	27
Cass	31	10	22	64	16	24	11	17	59	48	56
Chisago	0	0	0	0	0	0	0	0	1	0	0
Clearwater	7	6	3	14	1	4	0	6	24	19	18
Clay	0	0	0	0	0	0	0	0	0	1	0
Cook	0	2	0	0	0	0	0	0	1	1	2
Crow Wing	8	5	5	8	15	21	13	4	20	15	19
Hubbard	4	2	4	19	1	7	4	10	31	21	35
Isanti	0	0	0	0	0	2	0	0	0	2	0
Itasca	51	20	51	45	10	23	40	33	74	76	93
Kanabec	3	1	6	13	3	4	11	8	10	9	17
Kittson	3	3	1	0	0	7	6	7	5	8	6
Koochiching	6	1	23	14	2	8	11	12	23	25	14
Lake	0	2	0	0	1	0	1	0	0	0	1
LOW	2	0	2	0	2	2	3	0	6	4	6
Mahnomen	0	1	0	2	0	1	1	1	0	3	7
Marshall	4	2	5	28	4	10	2	4	24	14	20
Mille Lacs	5	3	0	0	0	1	2	0	10	4	11
Morrison	5	6	5	1	2	6	8	4	6	14	18
Ottertail	0	0	0	2	0	0	0	1	0	0	5
Pennington	0	0	2	1	0	0	1	1	1	0	6
Pine	26	23	20	23	12	15	21	23	49	44	59
Polk	0	0	1	1	0	0	1	0	2	2	4
Red Lake	0	0	0	0	0	0	2	0	1	1	0
Roseau	9	1	5	15	3	7	12	18	22	28	27
St. Louis	15	7	7	14	10	5	9	7	30	25	37
Todd	0	0	0	0	2	1	0	1	3	6	5
Wadena	0	2	1	5	1	2	0	5	7	8	3
Unknown	7	8	2	4	0	0	4	0	0	0	4
Total	238	134	223	357	103	206	229	250	544	483	631

Table 4. Bobcat harvest by sex and week, 2004-2005 season.

	Sex*			Total	% of Total	Cumulative %
	Male	Female	Unknown			
Nov. 27 – Dec 3	53	49	0	102	16.16	16.16
Dec. 4 – 10	65	74	1	140	22.19	38.35
Dec. 11 – 17	41	56	1	98	15.53	53.88
Dec. 18 – 24	37	43	1	81	12.84	66.72
Dec. 25 – 31	39	57	1	97	15.37	82.09
Jan. 1 – 9**	37	48	0	85	13.47	95.56
Unknown	13	15	0	28	4.44	100%
Total	285	342	4	631	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, 1984-85 thru 2004-05.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1984-85	116 (65)	39 (22)	13 (7)	9 (5)	1 (1)	178
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

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

Table 6. Bobcat harvest by method of take, 1982-2004.

Year	Total Harvest ^a	Trapping				Hunting			
		Harvest	% of Total	# Takers ^b	Ave. Take ^b	Harvest	% of Total	# Takers ^b	Ave. Take ^b
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	31	28	1.4
1990-91	84	61	73	43	1.4	22	26	17	1.3
1991-92	106	59	56	31	1.9	43	41	33	1.3
1992-93	168	133	80	85	1.6	35	20	23	1.5
1993-94	201	147	73	88	1.7	54	27	41	1.3
1994-95	238	189	80	120	1.6	49	21	31	1.6
1995-96	134	73	55	53	1.4	61	46	38	1.6
1996-97	223	133	60	91	1.5	70	31	53	1.3
1997-98	359	313	87	176	1.8	44	13	34	1.3
1998-99	103	95	92	67	1.4	8	8	8	1
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	42	17	27	1.3
2002-03	544	500	92	279	1.8	44	8	32	1.4
2003-04	483	415	86	230	1.8	68	14	40	1.7
2004-05	631	542	86	279	1.9	89	14	53	1.7

^a Sum of trapping and hunting harvest may not be equal to total harvest due to incomplete method-of-take data.

^b Multiplying # takers and average take may not match total harvest due to some incomplete name/license #'s

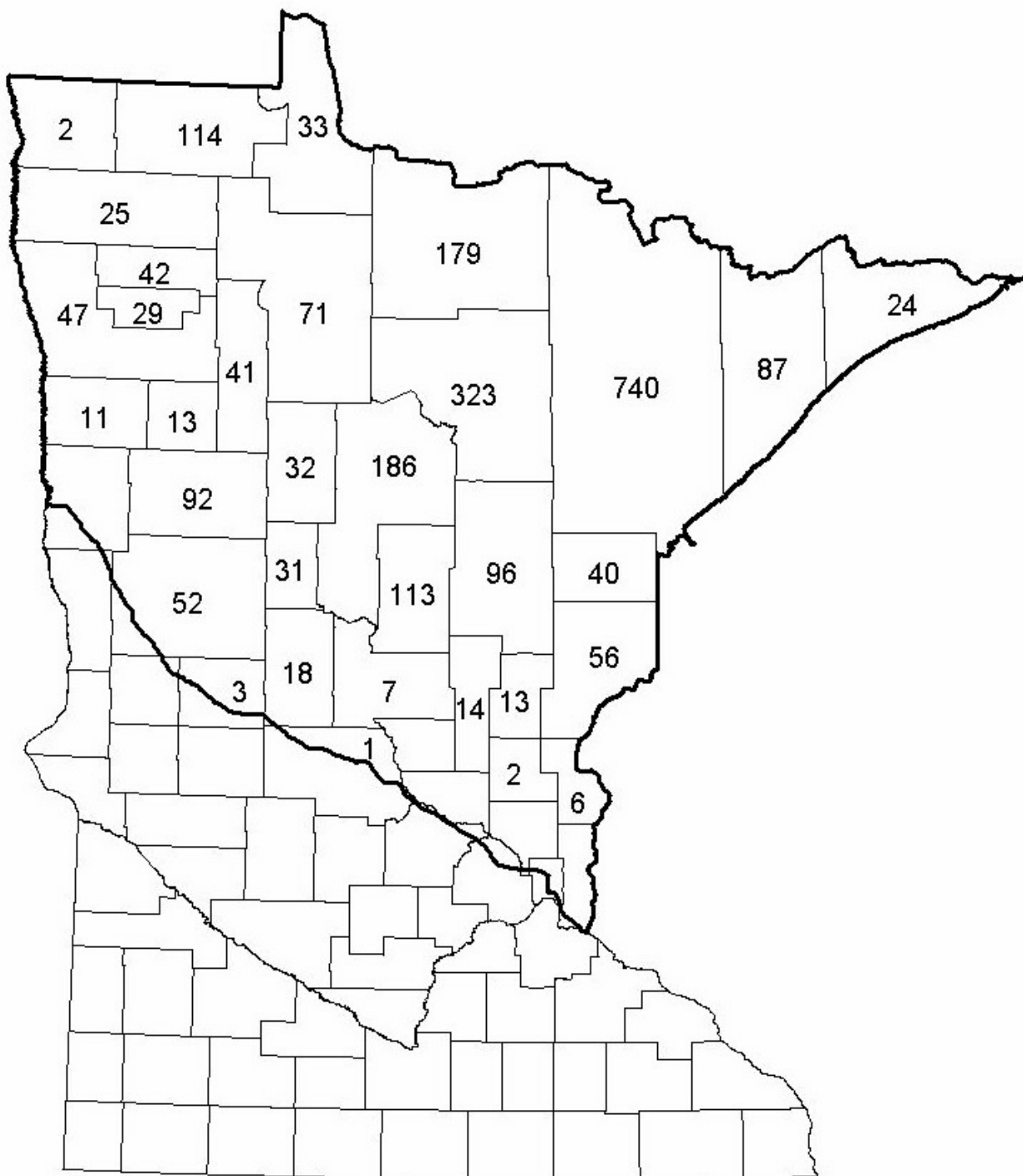


Figure 2. Fisher harvest by county, 2004-2005.

Table 7. Fisher harvest by county and sex, 2004-05 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	53	43	0	96
Anoka	0	0	0	0
Becker	58	34	0	92
Beltrami	36	35	0	71
Benton	0	0	0	0
Carlton	23	17	0	40
Cass	100	86	0	186
Chisago	5	1	0	6
Clearwater	23	18	0	41
Cook	10	14	0	24
Crow Wing	65	48	0	113
Douglas	1	2	0	3
Hubbard	23	8	1	32
Isanti	0	2	0	2
Itasca	168	155	0	323
Kanabec	10	3	0	13
Kittson	1	1	0	2
Koochiching	83	93	3	179
Lake	35	52	0	87
LOW	15	18	0	33
Mahnomen	7	6	0	13
Marshall	16	9	0	25
Mille Lacs	8	6	0	14
Morrison	2	5	0	7
Norman	6	5	0	11
Ottertail	25	27	0	52
Pennington	26	16	0	42
Pine	29	27	0	56
Polk	23	23	1	47
Red Lake	13	16	0	29
Roseau	64	50	0	114
St. Louis	354	386	0	740
Sherburne	0	0	0	0
Stearns	0	1	0	1
Todd	9	9	0	18
Wadena	13	18	0	31
Unknown	7	2	0	9
Total	1,311	1,236	5	2,552

Table 8. Comparison of fisher harvest by county, 1993-94 through 2004-05.

County	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Aitkin	17	23	26	58	86	105	84	68	103	122	124	96
Anoka	0	0	0	0	0	0	0	0	0	0	1	0
Becker	4	22	17	15	25	15	32	42	46	96	88	92
Beltrami	44	103	27	84	140	105	70	60	73	117	74	71
Benton	0	0	0	0	0	0	0	0	0	0	1	0
Carlton	12	14	14	10	45	25	23	27	37	48	42	40
Cass	57	100	58	142	212	133	123	122	134	225	205	186
Chisago	0	0	0	0	0	1	0	3	2	6	5	6
Clearwater	3	13	0	6	31	18	13	15	45	45	52	41
Cook	17	16	12	12	24	26	19	19	33	27	28	24
Crow Wing	23	30	24	32	65	75	53	71	82	106	106	113
Douglas	0	0	0	0	0	0	0	1	0	0	3	3
Hubbard	6	8	15	30	66	38	34	34	64	59	62	32
Isanti	0	0	0	0	0	0	0	0	0	0	0	2
Itasca	177	299	116	291	477	441	248	288	298	354	319	323
Kanabec	0	1	0	6	7	3	11	4	4	19	21	13
Kittson	1	1	0	0	7	3	3	3	7	3	11	2
Koochiching	148	250	92	232	386	369	150	159	156	178	171	179
Lake	82	99	43	60	123	84	46	62	54	72	74	87
LOW	8	43	4	30	59	99	83	71	48	115	78	33
Mahnomen	1	1	0	0	0	0	3	0	12	16	14	13
Marshall	7	9	2	4	21	7	10	27	19	18	21	25
Mille Lacs	0	0	0	6	0	3	0	4	3	16	22	14
Morrison	0	0	0	0	0	0	2	0	1	6	3	7
Norman	0	0	0	0	0	0	6	0	0	1	1	11
Ottertail	0	0	0	0	0	1	0	0	1	12	40	52
Pennington	0	1	0	1	1	0	2	4	4	10	18	42
Pine	17	23	20	24	34	55	36	37	29	44	54	56
Polk	1	2	3	3	6	5	6	8	24	46	65	47
Red Lake	1	0	0	2	5	0	2	18	16	15	16	29
Roseau	68	93	26	89	134	171	111	157	180	106	141	114
St. Louis	463	616	153	604	783	880	546	369	608	734	611	740
Sherburne	0	0	0	0	0	0	0	0	0	0	2	0
Stearns	0	0	0	0	0	0	0	0	0	0	0	1
Todd	0	0	0	0	2	0	0	0	2	5	14	18
Wadena	0	0	1	2	10	5	8	0	31	39	32	31
Unknown	2	5	289	30	12	28	2	1	1	0	2	9
Total	1,159	1,772	942	1,773	2,761	2,695	1,726	1,674	2,117	2,660	2,521	2,552

Table 9. Fisher harvest by date and sex, 2004-05 season.

Date	Sex			Total	% of Known Total	Cumulative %
	Male	Female	Unknown			
Nov. 27	4	2	0	6	0.24	0.24
Nov. 28	55	51	0	106	4.15	4.39
Nov. 29	88	62	1	151	5.92	10.31
Nov. 30	101	79	0	180	7.05	17.36
Dec. 1	109	92	1	202	7.92	25.28
Dec. 2	74	64	0	138	5.41	30.69
Dec. 3	81	81	0	162	6.35	37.04
Dec. 4	110	108	1	219	8.58	45.62
Dec. 5	83	78	1	162	6.35	51.97
Dec. 6	68	62	0	130	5.09	57.06
Dec. 7	67	75	0	142	5.56	62.62
Dec. 8	80	78	1	159	6.23	68.85
Dec. 9	80	68	0	148	5.80	74.65
Dec. 10	71	85	0	156	6.11	80.76
Dec. 11	61	90	0	151	5.92	86.68
Dec. 12	56	62	0	118	4.62	91.3
Unknown	99	123	0	222	8.70	100%
Total	1,287	1,260	5	2,552	100%	

Table 10. Distribution of fisher harvest* among takers, 1993-94 thru 2004-05.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1993-94	239 (34)	460 (66)	----	----	----	699
1994-95	321 (31)	725 (69)	----	----	----	1,046
1995-96	232 (40)	355 (60)	----	----	----	587
1996-97	321 (31)	726 (69)	----	----	----	1,047
1997-98	351 (23)	1,205 (77)	----	----	----	1,556
1998-99	443 (28)	1,141 (72)	----	----	----	1,584
1999-00	397 (37)	664 (63)	----	----	----	1,061
2000-01	301(38)	251 (31)	129 (16)	121 (15)	----	802
2001-02	294 (33)	271 (31)	146 (17)	168 (19)	----	879
2002-03	336 (35)	234 (25)	138 (15)	117 (12)	123 (13)	948
2003-04	403 (39)	249 (24)	150 (15)	107 (11)	115 (11)	1,024
2004-05	390 (37)	260 (25)	184 (17)	95 (9)	132 (12)	1,061

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

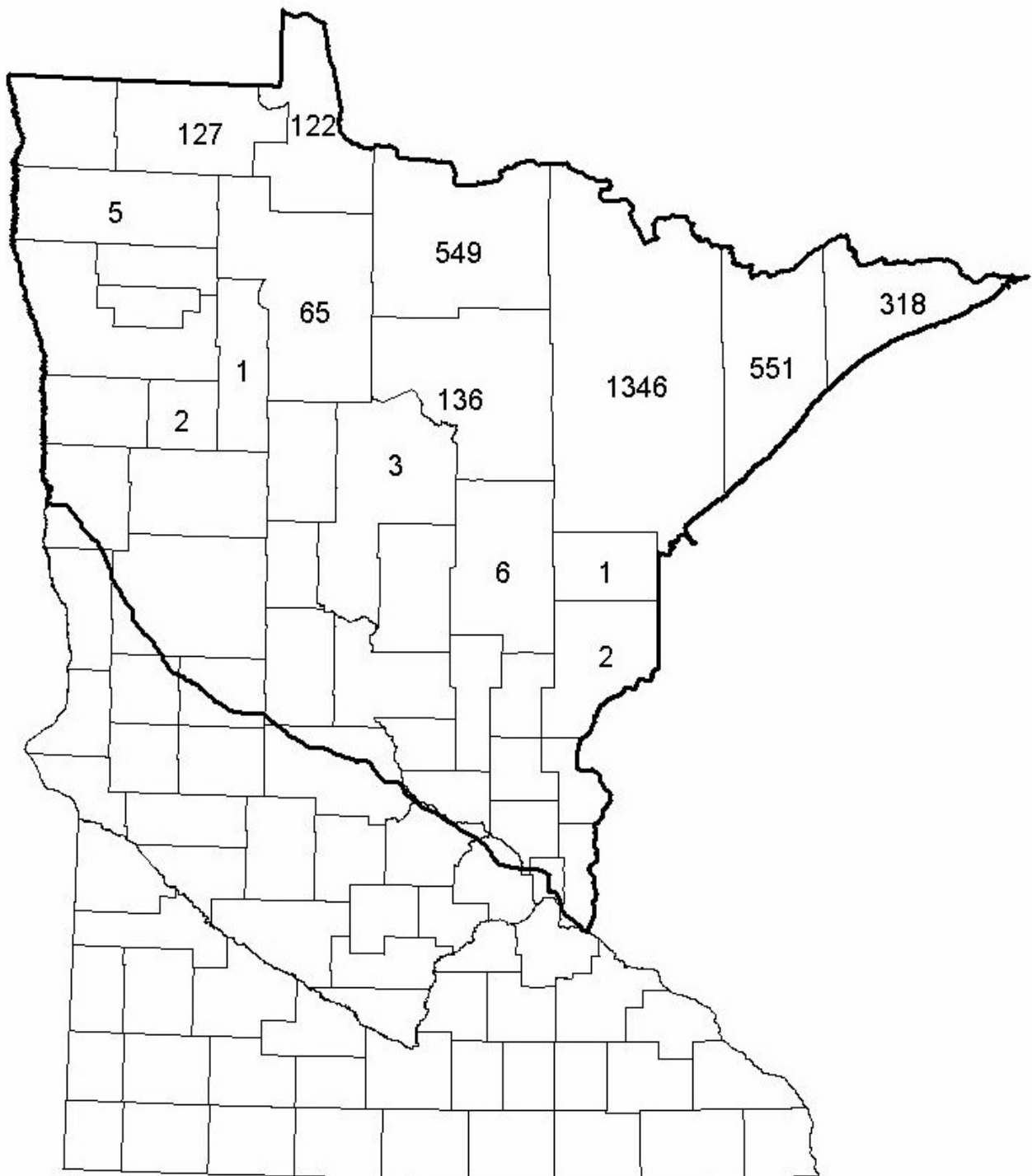


Figure 3. Pine marten harvest by county, 2004-2005.

Table 11. Pine marten harvest by county and sex, 2004-05 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	5	1	0	6
Beltrami	40	25	0	65
Carlton	0	1	0	1
Cass	2	1	0	3
Clearwater	1	0	0	1
Cook	181	132	5	318
Crow Wing	0	0	0	0
Itasca	81	55	0	136
Koochiching	322	224	3	549
Lake	313	238	0	551
Lake of the Woods	86	36	0	122
Mahnomen	2	0	0	2
Marshall	3	2	0	5
Pennington	0	0	0	0
Pine	1	1	0	2
Red Lake	0	0	0	0
Roseau	76	51	0	127
St. Louis	819	526	1	1,346
Unknown	3	4	0	7
Total	1,935	1,297	9	3,241

Table 12. Comparison of pine marten harvest by county in Minnesota, 1993-94 through 2004-05.

County	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Aitkin	0	0	0	0	0	1	2	2	3	5	6	6
Beltrami	0	1	0	2	12	12	37	2	24	30	38	65
Carlton	0	0	0	0	0	3	6	5	11	4	11	1
Cass	0	0	0	0	0	1	2	3	1	3	2	3
Clearwater	0	0	0	0	0	0	0	0	0	0	1	1
Cook	133	164	156	116	195	208	240	190	164	228	411	318
Crow Wing	0	0	0	0	0	0	3	0	0	0	0	0
Itasca	43	41	26	83	164	155	114	82	102	147	141	136
Koochiching	232	313	251	382	597	517	492	306	327	525	534	549
Lake	252	299	252	234	287	284	284	323	243	492	541	551
Lake of the Woods	1	2	0	0	12	26	58	15	13	104	71	122
Mahnomen	0	0	0	0	0	0	0	0	0	0	0	2
Marshall	0	0	0	0	0	0	1	1	1	1	1	5
Pennington	0	0	0	0	0	0	0	2	0	0	0	0
Pine	0	0	0	0	0	0	0	0	0	0	1	2
Red Lake	0	0	0	0	0	0	0	3	0	0	0	0
Roseau	0	0	0	0	0	41	51	98	48	116	104	127
St. Louis	771	707	396	797	980	1,020	1,131	596	991	1,184	1,352	1,346
Unknown	6	0	419	11	14	31	2	1	0	0	0	7
Total	1,438	1,527	1,500	1,625	2,261	2,299	2,423	1,629	1,928	2,839	3,214	3,241

Table 13. Pine marten harvest by date and sex, 2004-05 season.

Date	Sex			Total	% of Known Total	Cumulative %
	Male	Female	Unknown			
Nov. 27	10	3	0	13	0.40	0.4
Nov. 28	182	109	1	292	9.01	9.41
Nov. 29	142	85	1	228	7.03	16.44
Nov. 30	149	82	2	233	7.19	23.63
Dec. 1	171	93	1	265	8.18	31.81
Dec. 2	87	59	1	147	4.54	36.35
Dec. 3	111	83	0	194	5.99	42.34
Dec. 4	171	98	1	270	8.33	50.67
Dec. 5	101	68	2	171	5.28	55.95
Dec. 6	76	58	0	134	4.13	60.08
Dec. 7	99	74	0	173	5.34	65.42
Dec. 8	117	95	0	212	6.54	71.96
Dec. 9	70	68	0	138	4.26	76.22
Dec. 10	105	49	0	154	4.75	80.97
Dec. 11	96	81	0	177	5.46	86.43
Dec. 12	55	47	0	102	3.15	89.58
Unknown	193	145	0	338	10.43	100%
Total	1,935	1,297	9	3,241	100%	

Table 14. Distribution of pine marten harvest* among takers, 1993-94 thru 2004-05.

Number (%) of Takers	Number Taken					Total Takers
	1	2	3	4	5	
1993-94	76 (10)	681 (90)	----	----	----	757
1994-95	165 (20)	681 (80)	----	----	----	846
1995-96	78 (10)	711 (90)	----	----	----	789
1996-97	157 (18)	734 (82)	----	----	----	891
1997-98	161 (13)	1050 (87)	----	----	----	1,211
1998-99	187 (15)	1056 (85)	----	----	----	1,243
1999-00	164 (17)	318 (34)	213 (23)	246 (26)	----	941
2000-01	188 (28)	190 (28)	123 (18)	173 (26)	----	674
2001-02	147 (23)	175 (27)	138 (21)	187 (29)	----	647
2002-03	149 (21)	138 (19)	147 (21)	123 (17)	160 (22)	717
2003-04	126 (15)	135 (16)	159 (19)	170 (20)	265 (31)	855
2004-05	165 (17)	153 (16)	171 (18)	164 (18)	282 (30)	935

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

Table 15. Number of takers of different fisher/pine marten combinations, 2004-05. (Combined limit = 5)

Number of Takers	Number of Pine marten					
	0	1	2	3	4	5
0		39	39	41	36	280
1	172	32	29	28	129	
2	114	22	23	101		
3	89	32	63			
4	54	41				
5	132					
Total takers of at least 1 fisher or pine marten.						1,496

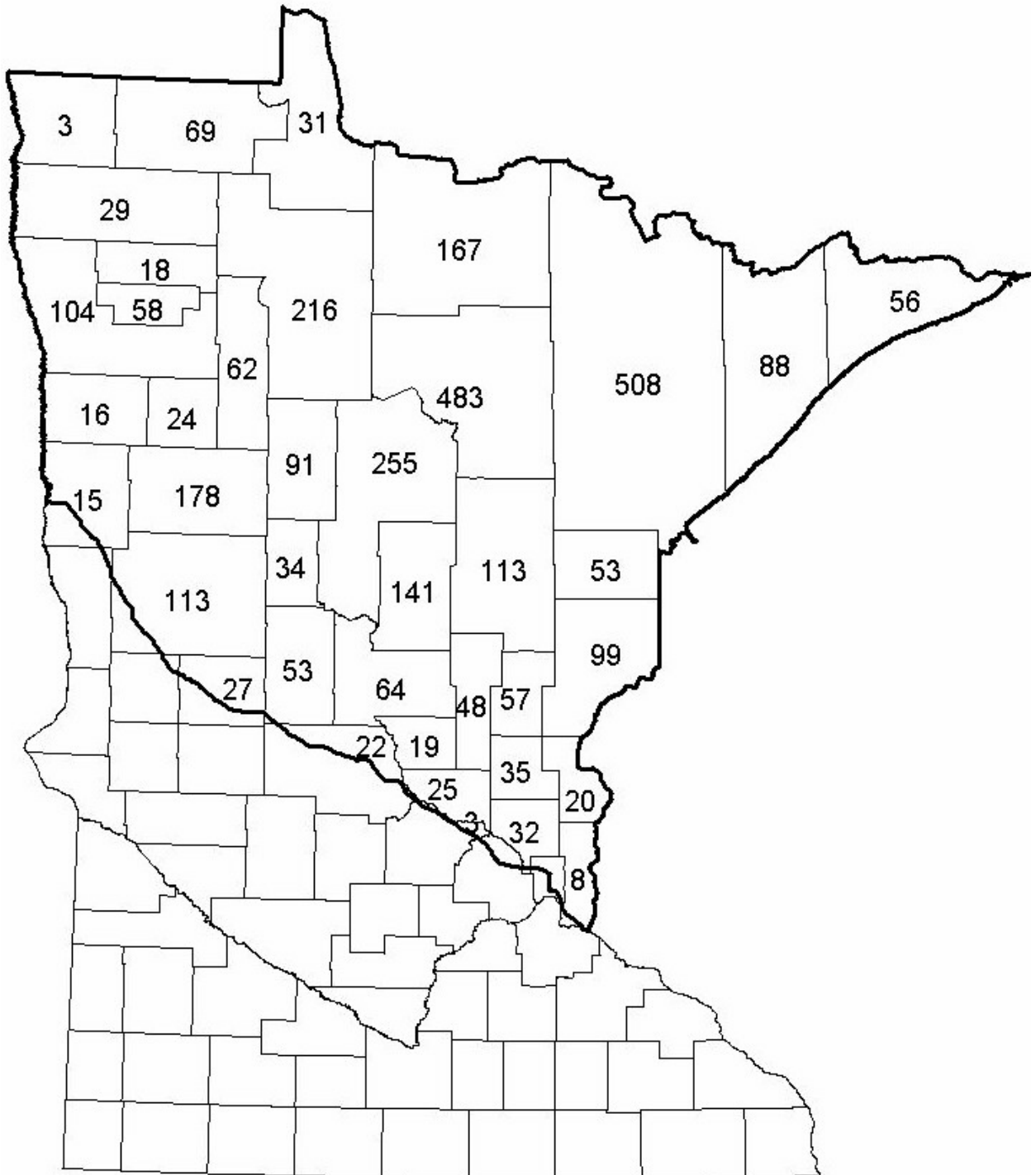


Figure 4. Otter harvest by county, 2004-2005.

Table 16. Otter harvest by county and sex, 2004-05 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	66	47	0	113
Anoka	21	11	0	32
Becker	87	91	0	178
Beltrami	128	88	0	216
Benton	8	11	0	19
Carlton	39	14	0	53
Cass	127	128	0	255
Chisago	12	8	0	20
Clay	9	6	0	15
Clearwater	37	24	1	62
Cook	33	23	0	56
Crow Wing	75	66	0	141
Douglas	16	11	0	27
Hubbard	38	52	1	91
Isanti	18	17	0	35
Itasca	256	225	2	483
Kanabec	30	27	0	57
Kittson	1	2	0	3
Koochiching	105	62	0	167
Lake	43	45	0	88
Lake of the Woods	20	11	0	31
Mahnomen	15	9	0	24
Marshall	12	17	0	29
Mille Lacs	21	27	0	48
Morrison	29	35	0	64
Norman	11	5	0	16
Ottertail	55	58	0	113
Pennington	13	5	0	18
Pine	69	30	0	99
Polk	54	46	4	104
Red Lake	36	22	0	58
Roseau	42	27	0	69
St. Louis	306	202	0	508
Sherburne	13	12	0	25
Stearns	13	9	0	22
Todd	34	19	0	53
Wadena	15	19	0	34
Washington	3	5	0	8
Wright	2	1	0	3
Unknown	10	3	0	13
Total	1,922	1,520	8	3,450

Table 17. Comparison of otter harvest by county, 1993-94 –2004-05.

County	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Aitkin	70	83	57	78	95	87	103	82	100	78	87	113
Anoka	18	20	13	13	21	23	25	14	17	17	13	32
Becker	38	62	64	54	85	30	64	45	125	104	105	178
Beltrami	91	166	59	133	133	81	103	74	108	127	173	216
Benton	4	5	0	1	4	6	2	7	10	6	7	19
Carlton	38	40	17	33	43	39	45	29	33	40	38	53
Cass	114	184	124	184	189	149	109	107	197	189	198	255
Chisago	17	26	9	13	20	20	13	12	26	18	22	20
Clay	0	0	0	2	7	0	7	3	1	7	7	15
Clearwater	27	52	13	57	25	18	29	25	47	61	52	62
Cook	44	53	37	28	29	48	30	26	26	31	41	56
Crow Wing	75	111	59	73	84	81	77	76	96	108	119	141
Douglas	0	0	2	5	7	7	1	1	1	0	12	27
Hubbard	30	43	48	89	95	28	23	19	61	64	70	91
Isanti	19	20	10	17	29	26	20	28	33	33	27	35
Itasca	259	432	245	383	371	339	220	296	337	310	382	483
Kanabec	32	57	13	20	43	24	29	32	56	40	38	57
Kittson	0	1	1	0	2	1	0	0	1	2	3	3
Koochiching	65	147	68	139	109	126	63	107	118	96	164	167
Lake	44	76	33	62	57	77	44	70	57	57	81	88
LOW	1	20	9	16	24	32	36	18	17	21	42	31
Mahnomen	2	21	18	11	6	9	10	10	17	7	23	24
Marshall	7	13	3	14	14	5	8	16	13	35	34	29
Mille Lacs	16	40	7	27	18	17	15	12	20	22	33	48
Morrison	13	34	12	20	25	18	30	17	45	36	46	64
Norman	0	0	4	3	1	0	2	4	3	4	1	16
Ottertail	10	10	19	14	41	29	20	14	51	32	45	113
Pennington	0	0	0	5	6	2	10	2	6	12	16	18
Pine	52	92	59	72	73	62	21	35	42	61	78	99
Polk	28	33	36	45	35	23	21	34	60	63	72	104
Red Lake	5	8	1	9	9	7	8	22	18	27	35	58
Roseau	11	29	3	24	41	40	37	40	36	27	72	69
St. Louis	286	507	148	473	332	421	353	255	453	316	483	508
Sherburne	7	11	10	12	15	13	14	10	11	11	24	25
Stearns	0	0	3	15	15	11	7	5	5	17	13	22
Todd	1	1	19	22	22	23	16	22	24	30	49	53
Wadena	4	3	9	14	8	6	13	3	23	23	35	34
Washington	0	1	0	7	4	6	4	4	4	12	10	8
Wright	0	0	0	0	0	0	0	0	0	1	2	3
Unknown	31	44	203	32	8	12	3	2	3	0	14	13
Totals	1,459	2,445	1,435	2,219	2,145	1,946	1,635	1,578	2,301	2,145	2,766	3,450

Table 18. Otter harvest by sex and week, 2004-05 season.

Interval	Sex			Total Harvest	% of Known Total	Cumulative %
	Male	Female	Unknown			
Oct. 23-29	117	116	0	233	6.75	6.75
Oct. 30 - Nov. 5	327	278	1	606	17.57	24.32
Nov. 6-12	235	177	1	413	11.97	36.29
Nov. 13-19	173	141	0	314	9.10	45.39
Nov. 20-26	196	137	0	333	9.65	55.04
Nov. 27 – Dec. 3	252	177	0	429	12.43	67.47
Dec. 4-10	193	152	4	349	10.12	77.59
Dec. 11-17	105	65	0	170	4.93	82.52
Dec. 18-24	87	59	1	147	4.26	86.78
Dec. 25-31	53	53	0	106	3.07	89.85
Jan. 1-9*	50	37	0	87	2.52	92.37
Unknown	134	128	1	263	7.62	100%
Total	1,922	1,520	8	3,450	100%	

* 9-day interval.

Table 19. Distribution of otter harvest* among takers, 1993-94 thru 2004-05.

Number (%) of Takers	Number Taken				Total Takers
	1	2	3	4	
1993-94	193 (33)	115 (19)	100 (17)	184 (31)	592
1994-95	250 (27)	185 (20)	143 (15)	349 (38)	927
1995-96	183 (31)	134 (23)	88 (15)	180 (31)	585
1996-97	257 (29)	205 (23)	140 (16)	283 (32)	885
1997-98	304 (33)	235 (26)	117 (13)	255 (28)	911
1998-99	263 (32)	183 (23)	139 (17)	226 (28)	811
1999-00	222 (33)	124 (19)	99 (15)	217 (33)	662
2000-01	206 (32)	122 (19)	108 (17)	201 (32)	637
2001-02	147 (23)	175 (27)	138 (21)	187 (29)	647
2002-03	253 (33)	147 (19)	122 (16)	241 (32)	763
2003-04	269 (27)	201 (20)	152 (16)	361 (37)	983
2004-05	302 (25)	235 (19)	182 (15)	498 (41)	1,217

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