

FURBEARER REGISTRATION AND HARVEST STATISTICS 1998-99 SEASON

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Table 1. Registered furbearer harvests and total permits issued, 1985-1998^a.

Year	Bobcats		Fisher		Marten		Otter	
	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest
1985	--	119	--	678	746	430	--	559
1986	--	160	3,302	1,068	2,171	798	3,198	777
1987	--	214	4,952	1,642	3,025	1,363	4,708	1,386
1988	--	140	4,419	1,025	3,369	2,072	4,070	922
1989	--	129	3,712	1,243	3,074	2,119	3,549	1,294
1990	--	84	2,385	746	2,090	1,349	2,199	888
1991 ^b	--	106	2,360	528	2,020	686	2,282	855
1992 ^b	--	168	2,420	778	2,050	1,602	3,440	1,368
1993 ^b	--	201	2,299	1,159	1,925	1,438	2,254	1,459
1994 ^b	--	238	2,186	1,771	2,477	1,527	2,964	2,443
1995 ^b	--	134	2,520	942	2,268	1,500	2,579	1,435
1996 ^b	--	223	1,557	1,773	1,392	1,625	1,623	2,219
1997 ^b	--	359	2,517	2,761	2,517	2,261	2,543	2,145
1998 ^b	--	103	2,808	2,695	2,808	2,299	2,749	1,946

^a Prior request tags and permits were required beginning in 1985 for marten and in 1986 for fisher and otter. No possession tags or permits are required for bobcat.

^b Confiscation and Band Authority removed.

BOBCAT 1998-99

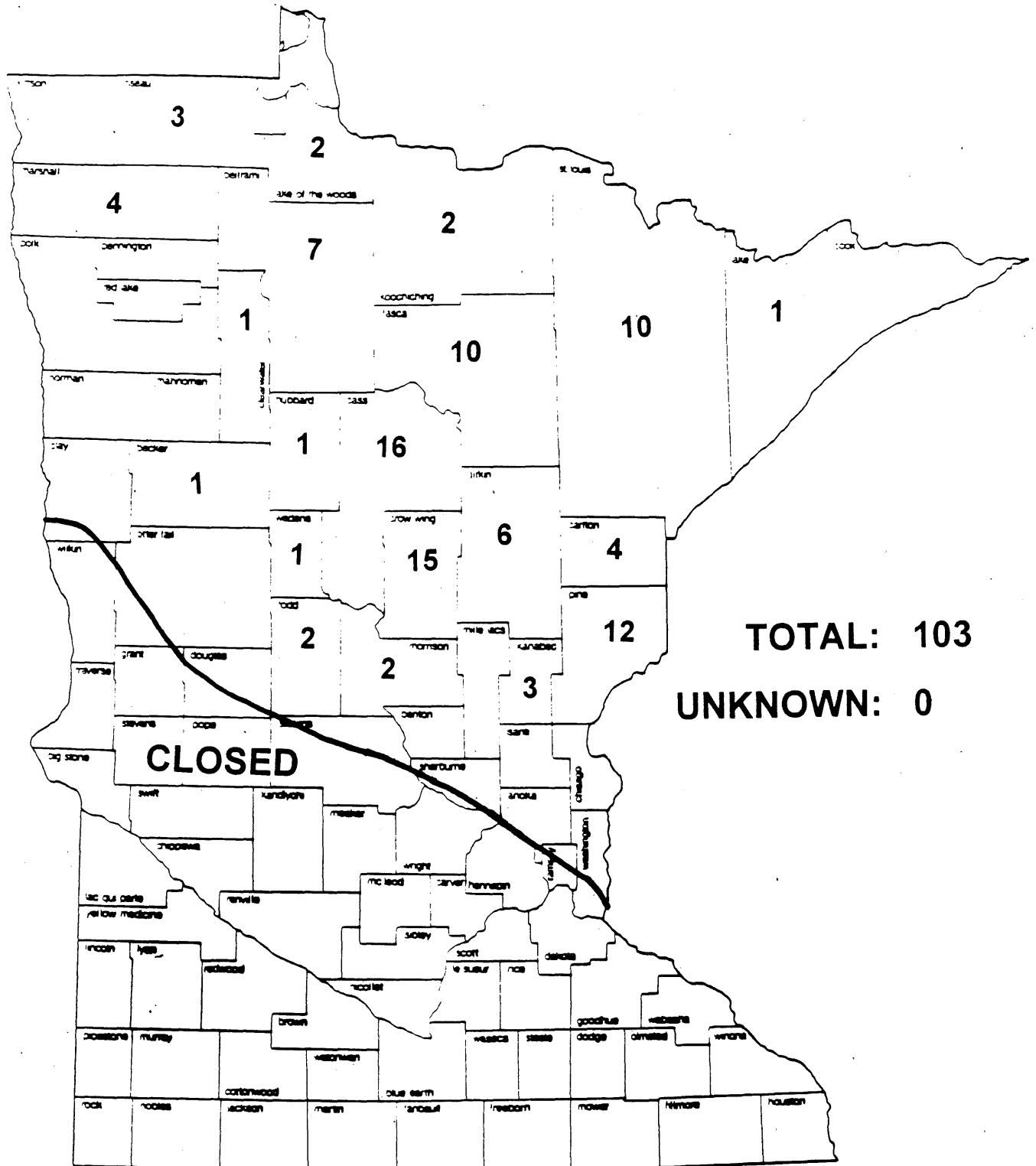


Figure 1. Bobcat hunting & trapping harvest by county, 1998-99.

Table 2. Comparison of bobcat harvest by county, 1994-95 - 1998-99.

County	1994-95	1995-96	1996-97	1997-98	1998-99
Aitkin	14	12	20	19	6
Becker	7	5	4	10	1
Beltrami	23	6	20	37	7
Benton	-	1	-	-	-
Carlton	8	5	14	18	4
Cass	31	10	22	64	16
Clearwater	7	6	3	14	1
Cook	-	2	-	-	-
Crow Wing	8	5	5	8	15
Hubbard	4	2	4	19	1
Itasca	51	20	51	45	10
Kanabec	3	1	6	13	3
Kittson	3	3	1	-	-
Koochiching	6	1	23	14	2
Lake of the Woods	2	-	2	-	2
Lake	-	2	-	-	1
Mahnomen	-	1	-	2	-
Marshall	4	2	5	28	4
Mille Lacs	5	3	-	-	-
Morrison	5	6	5	1	2
Ottertail	-	-	-	2	-
Pennington	-	-	2	1	-
Pine	26	23	20	23	12
Polk	-	-	1	1	-
Roseau	9	1	5	15	3
St. Louis	15	7	7	14	10
Todd	-	-	-	-	2
Wadena	-	2	1	5	1
Unknown	7	8	1	4	-
Total	238	134	223	357	103

Table 3. Time Distribution of bobcat harvest by 5-day increments, 1998-99 season.

Interval	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Nov 28-Dec 2	9	118	2	29	29	29
Dec 3-7	13	19	-	32	32	61
Dec 8-12	18	14	1	33	33	94
Dec 13*	2	4	-	6	6	100
Unknown	1	2	-	3	-	-
Total	43	57	3	103	100	100

* 1-day interval

Table 4. Distribution of bobcat harvest among takers, 1993-94 through 1998-99.

Year	Number of Bobcats Taken					Totals
	1	2	3	4	5	
1993-94						
# Takers	90	17	13	7	2	129
% Takers	70	13	10	5	2	100
1994-95						
# Takers	103	25	12	6	5	151
% Takers	68	17	8	4	3	100
1995-96						
# Takers	67	13	5	4	2	91
% Takers	74	14	6	4	2	100
1996-97						
# Takers	115	28	8	2	4	157
% Takers	73	18	5	1	3	100
1997-98						
# Takers	129	43	17	12	9	210
% Takers	61	20	8	6	5	100
1998-99						
# Takers	59	11	2	3	1	76
% Takers	77	14	3	4	2	100

Table 5. Bobcat harvest by method of take, 1991-92 through 1998-99.

Year	Total Harvest	Trapping			Hunting				
		Trap Harvest	% of Total	# of Takers	Ave. Take	Hunt Harvest	% of Total	# of Takers	Ave. Take
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	79	120	1.6	49	21	31	1.6
1995-96	134	73	54	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	1.0

*Harvest method unknown for 9% of total harvest.

FISHER 1998-99

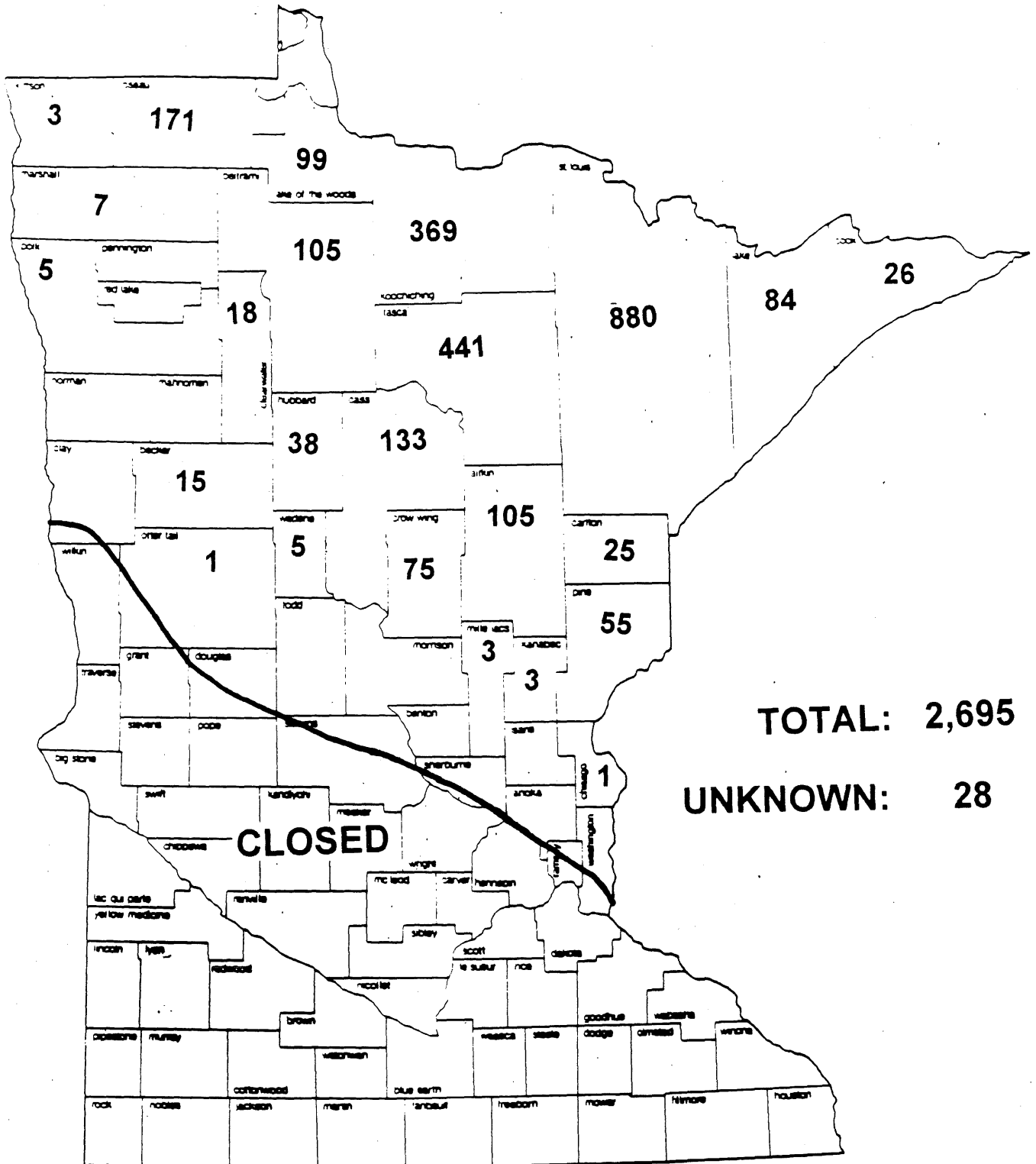


Figure 2. Fisher harvest by county, 1998-99.

Table 6. Fisher harvest by county and sex, 1998-99 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	52	47	6	105
Becker	8	7	-	15
Beltrami	60	45	-	105
Carlton	15	10	-	25
Cass	72	60	1	133
Chisago	-	1	-	1
Clearwater	11	7	-	18
Cook	15	11	-	26
Crow Wing	42	33	-	75
Hubbard	22	16	-	38
Itasca	233	196	12	441
Kanabec	1	2	-	3
Kittson	3	-	-	3
Koochiching	177	192	-	369
Lake	34	50	-	84
Lake of the Woods	55	44	-	99
Marshall	4	3	-	7
Mille Lacs	2	1	-	3
Ottertail	1	-	-	1
Pine	27	28	-	55
Polk	3	2	-	5
Roseau	86	84	1	171
St. Louis	421	453	6	880
Wadena	3	2	-	5
Unknown	17	11	-	28
Total	1,364	1,305	26	2,695

Table 7. Comparison of fisher harvest by county, 1994-95 through 1998-99.

County	1994-95	1995-96	1996-97	1997-98	1998-99
Aitkin	23	26	58	86	105
Becker	22	17	15	25	15
Beltrami	103	27	84	140	105
Carlton	14	14	10	45	25
Cass	100	58	142	212	133
Chisago	-	-	-	-	1
Clearwater	13	-	6	31	18
Cook	16	12	12	24	26
Crow Wing	30	24	32	65	75
Hubbard	8	15	30	66	38
Itasca	299	116	291	477	441
Kanabec	1	-	6	7	3
Kittson	1	-	-	7	3
Koochiching	250	92	232	386	369
Lake	99	43	60	123	84
Lake of the Woods	43	4	30	59	99
Mahnomen	1	-	-	-	-
Marshall	9	2	4	21	7
Mille Lacs	-	-	6	-	3
Ottertail	-	-	-	-	1
Pennington	1	-	1	1	-
Pine	23	20	24	34	55
Polk	2	3	3	6	5
Red Lake	-	-	2	5	-
Roseau	93	26	89	134	171
St. Louis	616	153	604	783	880
Todd	-	-	-	2	-
Wadena	-	1	2	10	5
Unknown	5	289	30	12	28
Total	1,771	942	1,773	2,761	2,695

Table 8. Distribution of fisher harvest among takers; 1993-94 through 1998-99.

Year	Number of Fisher Taken		Totals
	1	2	
1993-94			
# of Takers	239	460	699
% of Takers	34	66	100
1994-95			
# of Takers	321	725	1,046
% of Takers	31	69	100
1995-96			
# of Takers	232	355	587
% of Takers	40	60	100
1996-97			
# of Takers	321	726	1,047
% of Takers	31	69	100
1997-98			
# of Takers	351	1,205	1,556
% of Takers	23	77	100
1998-99			
# of Takers	443	1,141	1,584
% of Takers	28	72	100

Table 9. Fisher harvest by date and sex, 1998-99 season.

Date	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Nov 28	6	3	1	10	-	-
Nov 29	68	59	-	127	5	5
Nov 30	74	80	1	155	6	11
Dec 1	126	91	1	218	8	21
Dec 2	81	99	2	182	7	28
Dec 3	83	90	2	175	7	35
Dec 4	109	75	2	186	7	42
Dec 5	166	143	4	313	12	54
Dec 6	108	117	1	226	9	63
Dec 7	81	83	2	166	6	69
Dec 8	81	82	3	166	6	75
Dec 9	81	79	2	162	6	81
Dec 10	71	74	1	146	6	87
Dec 11	51	53	-	104	4	91
Dec 12	90	77	1	168	6	97
Dec 13	48	51	-	99	3	100
Unknown	40	49	3	92	-	-
Total	1,364	1,305	26	2,695		

Table 10. Otter harvest by county and sex, 1998-99 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	37	45	5	87
Anoka	10	13	-	23
Becker	16	14	-	30
Beltrami	40	41	-	81
Benton	2	4	-	6
Carlton	13	26	-	39
Cass	87	62	-	149
Chisago	9	11	-	20
Clearwater	9	9	-	18
Cook	25	23	-	48
Crow Wing	44	37	-	81
Douglas	3	4	-	7
Hubbard	17	11	-	28
Isanti	11	15	-	26
Itasca	179	144	16	339
Kanabec	11	13	-	24
Kittson	-	-	1	1
Koochiching	71	54	1	126
Lake	41	34	2	77
Lake of the Woods	17	15	-	32
Mahnomen	3	6	-	9
Marshall	2	3	-	5
Mille Lacs	8	9	-	17
Morrison	9	9	-	18
Otter Tail	15	13	1	29
Pennington	2	-	-	2
Pine	33	27	2	62
Polk	13	10	-	23
Red Lake	3	4	-	7
Roseau	27	13	-	40
St. Louis	241	175	5	421
Sherburne	4	9	-	13
Stearns	5	6	-	11
Todd	13	10	-	23
Wadena	3	3	-	6
Washington	4	2	-	6
Unknown	3	5	4	12
Total	1,030	879	37	1,946

Table 11. Comparison of otter harvest by county, 1994-95 through 1998-99.

County	1994-95	1995-96	1996-97	1997-98	1998-99
Aitkin	83	57	78	95	87
Anoka	20	13	13	21	23
Becker	62	64	54	85	30
Beltrami	166	59	133	133	81
Benton	5	-	1	4	6
Carlton	40	17	33	43	39
Cass	184	124	184	189	149
Chisago	26	9	13	20	20
Clay	-	-	2	7	-
Clearwater	52	13	57	25	18
Cook	53	37	28	29	48
Crow Wing	111	59	73	84	81
Douglas	-	2	5	7	7
Hubbard	43	48	89	95	28
Isanti	20	10	17	29	26
Itasca	432	245	383	371	339
Kanabec	57	13	20	43	24
Kittson	1	1	-	2	1
Koochiching	147	68	139	109	126
Lake	76	33	62	57	77
Lake of the Woods	20	9	16	24	32
Mahnomen	21	18	11	6	9
Marshall	13	3	14	14	5
Mille Lacs	40	7	27	18	17
Morrison	34	12	20	25	18
Norman	-	4	3	1	-
Ottertail	10	19	14	41	29
Pennington	-	-	5	6	2
Pine	92	59	72	73	62
Polk	33	36	45	35	23
Red Lake	8	1	9	9	7
Roseau	29	3	24	41	40
St. Louis	507	148	473	332	421
Sherburne	11	10	12	15	13
Stearns	-	3	15	15	11
Todd	1	19	22	22	23
Wadena	3	9	14	8	6
Washington	1	-	7	4	6
Unknown	44	203	32	8	12
Total	2,445	1,435	2,219	2,145	1,946

Table 12. Otter harvest by 5-day increments, 1998-99 season.

Interval	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Oct 24-28	42	42	4	88	5	5
Oct 29-Nov 2	114	93	9	216	12	17
Nov 3-7	146	106	10	262	14	31
Nov 8-12	82	62	2	146	8	39
Nov 13-17	61	69	2	132	7	46
Nov 18-22	57	44	-	101	5	51
Nov 23-27	61	50	-	111	6	57
Nov 28-Dec 2	116	94	2	212	11	68
Dec 3-7	129	100	-	229	12	80
Dec 8-12	84	58	-	142	8	88
Dec 13-17	36	33	2	71	4	92
Dec 18-22	40	45	1	86	5	97
Dec 23-27	19	20	-	39	2	99
Dec 28-Jan 1	7	14	-	21	1	100
Jan 2-3*	5	4	-	9	-	100
Unknown	31	45	5	81	-	-
Total	1,030	879	37	1,946	100	100

* 2-day interval

Table 13. Distribution of otter harvest among takers, 1993-94 through 1998-99.

Year	Number of Otters Taken				Totals
	1	2	3	4	
1993-94					
# Takers	193	115	100	184	592
% Takers	33	19	17	31	100
1994-95					
# Takers	250	185	143	349	927
% Takers	27	20	15	38	100
1995-96					
# Takers	183	134	88	180	585
% Takers	31	23	15	31	100
1996-97					
# Takers	257	205	140	283	885
% Takers	29	23	16	32	100
1997-98					
# Takers	304	235	117	255	911
% Takers	33	26	13	28	100
1998-99					
# Takers	263	183	139	226	811
% Takers	32	23	17	28	100

Table 14. Marten harvest by county and sex, 1998-99 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	1	-	-	1
Beltrami	6	6	-	12
Carlton	1	2	-	3
Cass	-	1	-	1
Cook	149	59	-	208
Itasca	92	61	2	155
Koochiching	318	198	1	517
Lake	186	95	3	284
Lake of the Woods	17	9	-	26
Roseau	22	19	-	41
St. Louis	666	349	5	1,020
Unknown	20	11	-	31
Total	1,478	810	11	2,299

Table 15. Comparison of marten harvest by county, 1994-95 through 1998-99

County	1994-95	1995-96	1996-97	1997-98	1998-99
Aitkin	-	-	-	-	1
Beltrami	1	-	2	12	12
Carlton	-	-	-	-	3
Cass	-	-	-	-	1
Cook	164	156	116	195	208
Itasca	41	26	83	164	155
Koochiching	313	251	382	597	517
Lake	299	252	234	287	284
Lake of the Woods	2	-	-	12	26
Roseau	-	-	-	-	41
St. Louis	707	396	797	980	1,020
Unknown	-	419	11	14	31
Total	1,527	1,500	1,625	2,261	2,299

Table 16. Marten harvest by date and sex, 19987-998 season.

Date	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Nov 28	15	3	-	18	1	1
Nov 29	174	64	3	241	11	12
Nov 30	143	54	-	197	9	21
Dec 1	117	69	1	187	8	29
Dec 2	88	56	-	144	6	35
Dec 3	82	54	-	136	6	41
Dec 4	96	44	-	140	6	47
Dec 5	148	108	1	257	12	59
Dec 6	132	68	1	201	9	68
Dec 7	61	46	2	109	5	73
Dec 8	75	42	-	117	5	78
Dec 9	77	50	2	129	6	84
Dec 10	68	42	-	110	5	89
Dec 11	51	28	-	79	4	93
Dec 12	55	38	-	93	4	97
Dec 13	33	24	-	57	3	100
Unknown	63	20	1	84	-	-
Total	1,478	810	11	2,299		

Table 17. Distribution of marten harvest among takers; 1993-94 through 1998-99.

Year	Number of Marten Taken		
	1	2	Totals
1993-94			
# of Takers	76	681	757
% of Takers	10	90	100
1994-95			
# of Takers	165	681	846
% of Takers	20	80	100
1995-96			
# of Takers	78	711	789
% of Takers	10	90	100
1996-97			
# of Takers	157	734	891
% of Takers	18	82	100
1997-98			
# of Takers	161	1,050	1,211
% of Takers	13	87	100
1998-99			
# of Takers	187	1,056	1,243
% of Takers	15	85	100