

**FURBEARER REGISTRATION
AND
HARVEST STATISTICS
1993 - 1994 SEASON**

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Table 1. Registered furbearer harvests and total permits issued, 1985-1993^a.

Year	Bobcats		Fisher		Marten		Otter	
	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest
1985	--	119	--	678	746	430	--	559
1986	--	160	3,302	1,607	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

^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 1854 Authority removed.

Bobcat 1993-94

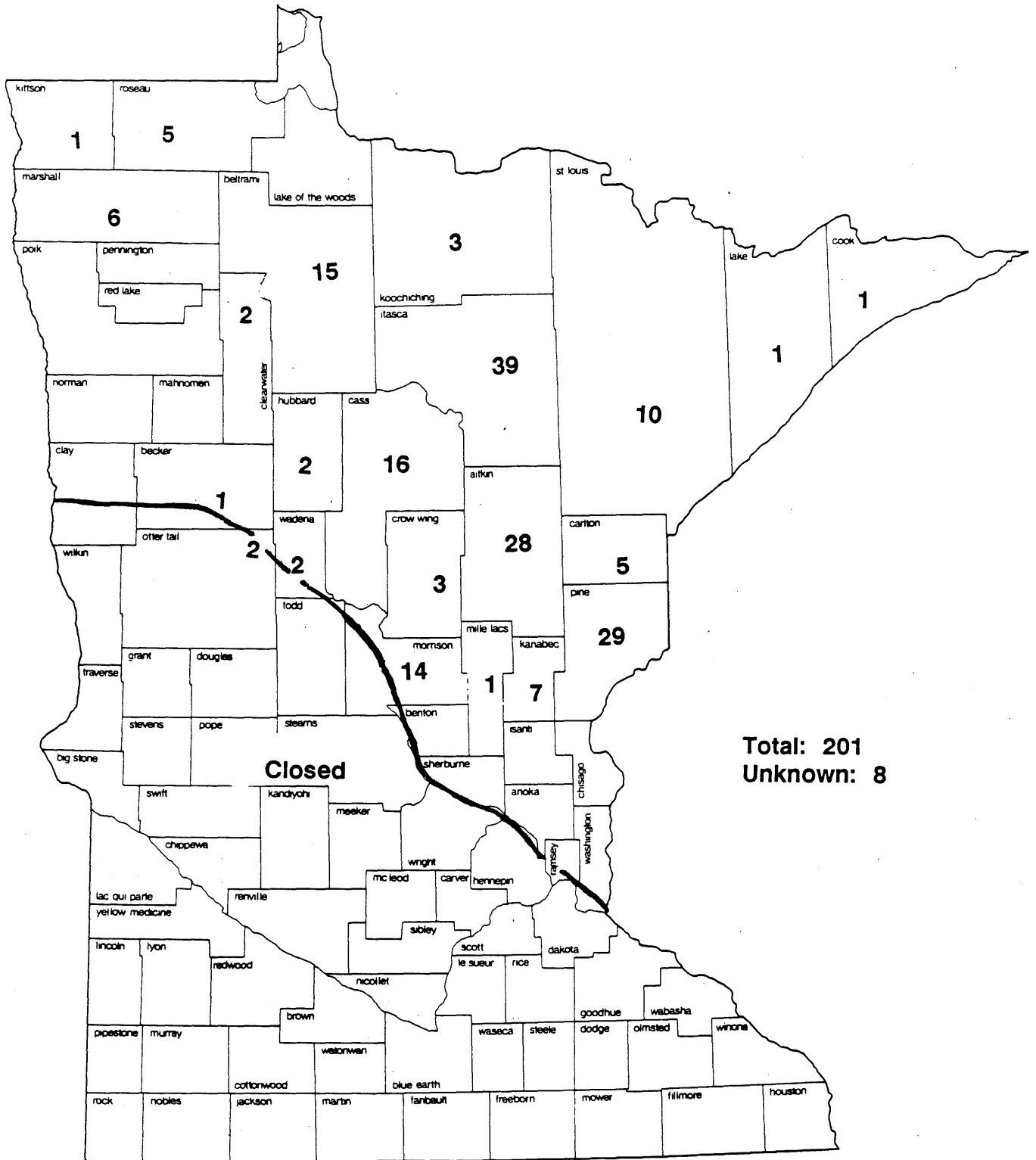


Figure 1. Bobcat hunting and trapping harvest by county, 1993-94.

Table 2. Comparison of bobcat harvest by county, 1989-90 - 1993-94.

County	1989-90	1990-91	1991-92	1992-93	1993-94
Aitkin	31	4	3	22	28
Becker	1	3	5	1	1
Beltrami	8	4	6	8	15
Benton	-	-	1	-	0
Carlton	1	1	2	10	5
Cass	27	11	14	27	16
Clearwater	2	-	-	5	2
Cook	2	3	-	-	1
Crow Wing	-	5	4	6	3
Hubbard	1	1	3	3	2
Isanti	1	-	-	-	-
Itasca	19	11	16	35	39
Kanabec	6	1	-	4	7
Kittson	-	3	3	3	1
Koochiching	1	-	5	5	3
Lake	1	-	1	5	1
Marshall	-	1	5	-	6
Mille Lacs	-	3	7	3	1
Morrison	2	2	2	5	14
Ottertail	1	-	1	-	2
Pine	15	18	16	11	29
Roseau	-	2	1	3	5
St. Louis	7	8	3	8	10
Wadena	2	2	2	-	2
Unknown	1	1	6	5	8
Total	129	84	106	168	201

Table 3. Time Distribution of bobcat harvest by 5-day increments, 1993-94 season.

Interval	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Dec 4-8	16	13	1	30	18	18
Dec 9-13	5	23	-	28	17	35
Dec 14-18	19	12	-	31	19	54
Dec 19-23	10	8	1	19	11	65
Dec 24-28	7	14	1	22	13	78
Dec 29-Jan 2	6	14	-	20	12	90
Jan 3-7	7	5	-	12	7	97
Jan 8-9*	3	2	-	5	3	100
Unknown	8	13	13	34	-	-
Total	81	104	16	201	100	100

* 2-day interval

Table 4. Distribution of bobcat harvest among takers, 1988-89 through 1993-94.

Number Bobcat Taken	Number of Takers (#), Percentage of Takers (%)									
	1989-90		1990-91		1991-92		1992-93		1993-94	
	#	%	#	%	#	%	#	%	#	%
1	56	69	47	77	42	64	69	64	90	70
2	13	16	9	15	15	23	21	20	17	13
3	5	6	1	2	4	6	9	9	13	10
4	3	4	4	6	3	4	5	5	7	5
5	4	5	0	0	2	3	2	2	2	2
Total	81	100	61	100	66	100	106	100	201	100

Table 5. Bobcat harvest by method of take, 1989-90 through 1993-94.

Year	Total Harvest	Trapping				Hunting			
		Harvest	% of Total	Takers	Avg. Take	Harvest	% of Total	Takers	Avg. Take
1989-90	129	90	70	49	1.8	39	30	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

* Sum of trapping and hunting harvest not equal to total harvest due to incomplete method of take data.

Fisher 1993-94

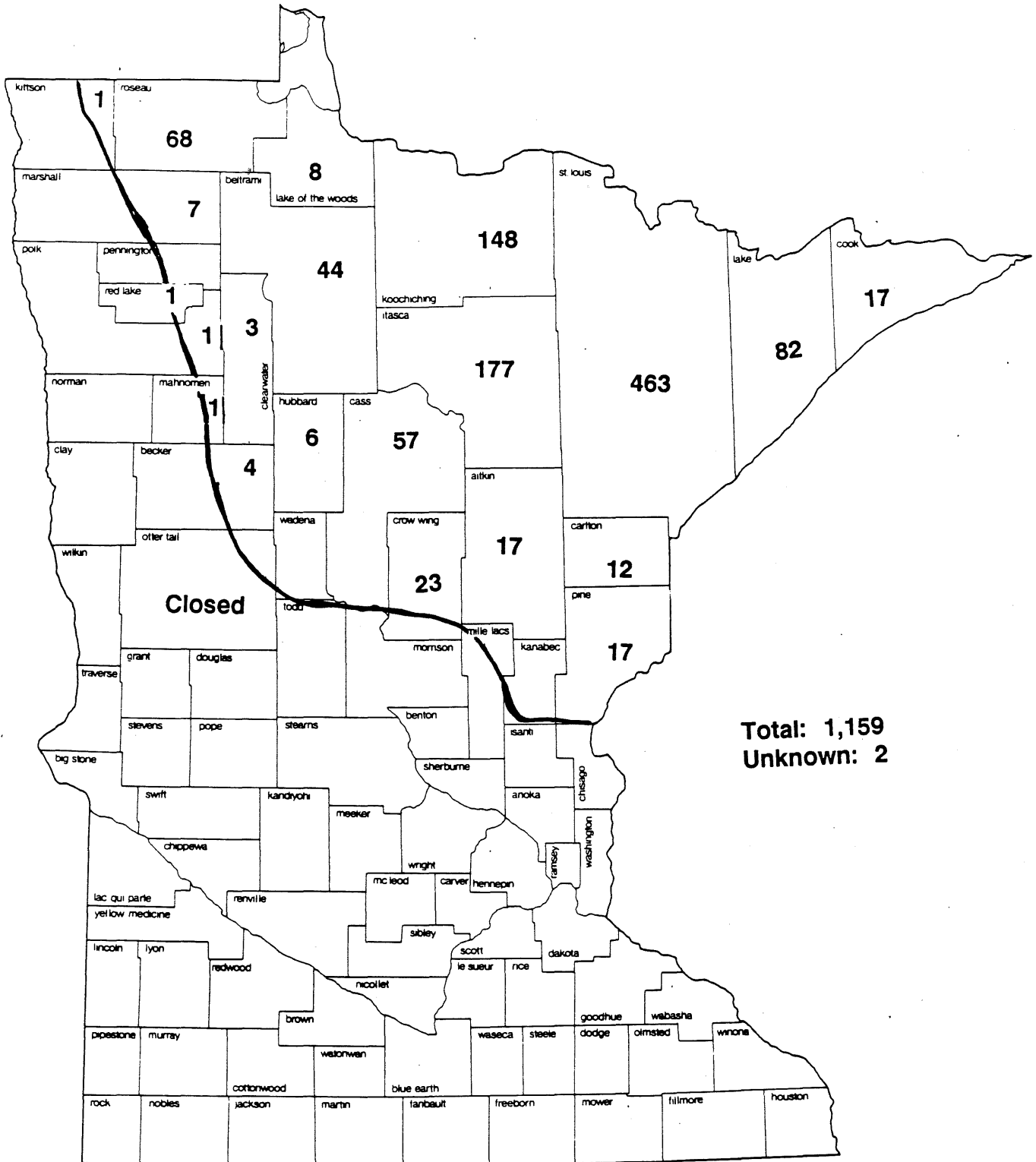


Figure 2. Fisher harvest by county, 1993-94.

Table 6. Fisher harvest by county and sex, 1993-94 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	6	11	-	17
Becker	2	2	-	4
Beltrami	23	21	-	44
Carlton	9	3	-	12
Cass	38	19	-	57
Clearwater	2	1	-	3
Cook	7	10	-	17
Crow Wing	14	9	-	23
Hubbard	2	4	-	6
Itasca	101	75	1	177
Kittson	1	-	-	1
Koochiching	66	82	-	148
Lake	45	37	-	82
Lake of the Woods	5	3	-	8
Mahnomen	1	-	-	1
Marshall	4	3	-	7
Pine	8	9	-	17
Red Lake	-	1	-	1
Roseau	47	21	-	68
St. Louis	198	265	-	463
Unknown	2	-	-	2
Total	582	576	1	1,159

Table 7. Comparison of fisher harvest by county, 1989-90 - 1993-94.

County	1989-90	1990-91	1991-92	1992-93	1993-94
Aitkin	26	17	8	15	17
Becker	4	5	4	6	4
Beltrami	78	34	34	34	44
Carlton	2	3	3	8	12
Cass	43	34	30	33	57
Clearwater	3	3	2	3	3
Cook	10	14	4	17	17
Crow Wing	12	12	14	18	23
Hubbard	8	4	6	7	6
Itasca	184	99	73	76	177
Kanabec	-	-	-	2	-
Kittson	1	2	1	-	1
Koochiching	211	77	96	97	148
Lake	80	78	17	57	82
Lake of the Woods	58	27	21	26	8
Mahnomen	-	-	-	-	1
Marshall	4	3	2	3	7
Pennington	-	-	-	-	-
Pine	3	2	-	3	17
Polk	-	-	-	-	1
Red Lake	-	-	1	-	1
Roseau	53	32	21	32	68
St. Louis	463	279	187	229	463
Unknown	-	21	4	112	2
Total	1,243	746	528	778	1,159

Table 8. Fisher harvest by date and sex, 1993-94 season.

Date	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Dec 4	2	-	-	2	-	-
Dec 5	24	20	-	44	4	4
Dec 6	41	39	-	80	8	12
Dec 7	45	49	-	94	9	21
Dec 8	83	65	-	148	15	36
Dec 9	19	35	-	54	6	42
Dec 10	42	33	-	75	8	50
Dec 11	49	64	-	113	11	61
Dec 12	35	47	-	82	8	69
Dec 13	18	23	-	41	4	73
Dec 14	19	22	-	41	4	77
Dec 15	31	17	-	48	5	82
Dec 16	10	18	-	28	3	85
Dec 17	21	19	-	40	4	89
Dec 18	36	23	-	59	6	95
Dec 19	27	22	-	49	5	100
Unknown	80	80	1	161	-	-
Total	582	576	1	1,159		

Otter 1993-94

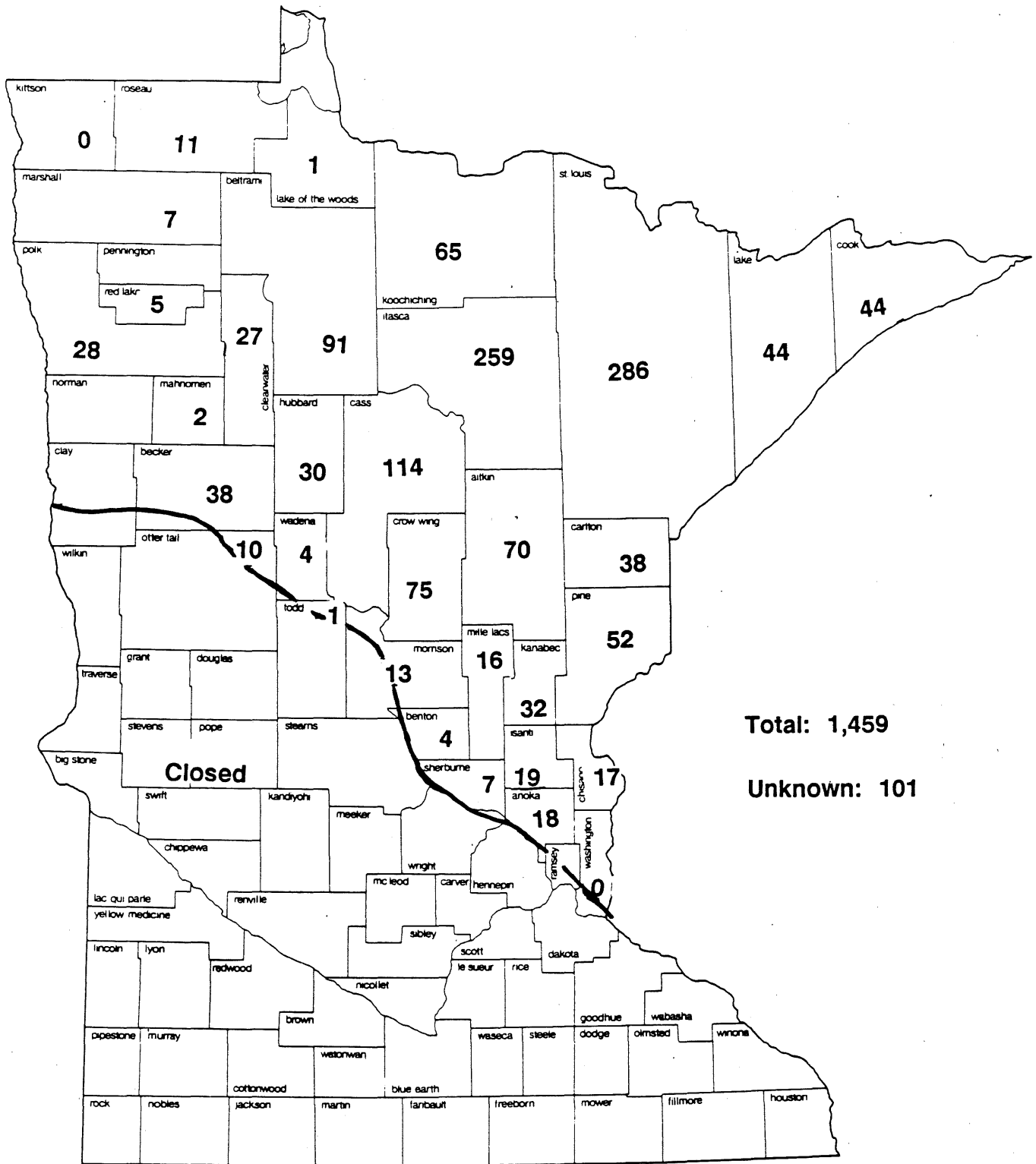


Figure 3. Otter harvest by county, 1993-94.

Table 9. Otter harvest by county and sex, 1993-94 season.

County	Sex			Total
	Male	Female	Unknown	
Aitkin	31	38	1	70
Anoka	10	8	-	18
Becker	19	19	-	38
Beltrami	58	33	-	91
Benton	1	3	-	4
Carlton	23	15	-	38
Cass	60	43	11	114
Chisago	7	10	-	17
Clearwater	13	14	-	27
Cook	25	19	-	44
Crow Wing	40	35	-	75
Hubbard	19	11	-	30
Isanti	9	10	-	19
Itasca	121	85	53	259
Kanabec	15	17	-	32
Koochiching	40	25	-	65
Lake	23	20	1	44
Lake of the Woods	-	1	-	1
Mahnomen	-	2	-	2
Marshall	4	3	-	7
Mille Lacs	10	6	-	16
Morrison	6	7	-	13
Otter Tail	6	4	-	10
Pine	27	25	-	52
Polk	14	14	-	28
Red Lake	-	5	-	5
Roseau	5	6	-	11
St. Louis	158	122	6	286
Sherburne	3	4	-	7
Todd	1	-	-	1
Wadena	-	4	-	4
Unknown	1	1	29	31
Total	749	609	101	1,459

Table 10. Comparison of otter harvest by county, 1989-90 - 1993-94.

County	1989-90	1990-91	1991-92	1992-93	1993-94
Aitkin	62	49	44	78	70
Anoka	21	14	7	14	18
Becker	49	32	21	36	38
Beltrami	92	74	93	97	91
Benton	-	1	1	-	4
Carlton	13	25	23	39	38
Cass	130	73	67	107	114
Chisago	8	10	5	9	17
Clearwater	13	6	14	14	27
Cook	31	24	30	28	44
Crow Wing	65	40	41	83	75
Hubbard	39	45	34	44	30
Isanti	17	7	5	10	19
Itasca	207	108	110	193	259
Kanabec	30	18	11	24	32
Kittson	-	-	-	1	-
Koochiching	59	31	59	52	65
Lake	40	26	21	91	44
Lake of the Woods	11	6	21	15	1
Mahnomen	13	8	-	-	2
Marshall	3	-	2	6	7
Mille Lacs	12	7	10	5	16
Morrison	13	12	3	16	13
Norman	1	1	-	-	-
Ottertail	3	5	4	5	10
Pennington	1	1	1	-	-
Pine	64	49	12	76	52
Polk	10	7	12	14	28
Ramsey	-	1	-	-	-
Red Lake	4	-	5	2	5
Roseau	13	6	7	14	11
St. Louis	248	180	159	187	286
Sherburne	5	-	1	8	7
Todd	3	-	-	-	1
Wadena	7	5	7	2	4
Washington	4	3	1	3	-
Unknown	3	12	24	91	31
Total	1,294	888	855	1,368	1,459

Table 11. Otter harvest by 5-day increments, 1993-94 season.

Interval	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Oct 23-27	31	29	-	60	5	5
Oct 28-Nov 1	46	49	2	97	8	13
Nov 2-6	77	74	4	155	13	26
Nov 7-11	88	54	1	143	12	38
Nov 12-16	78	62	1	141	12	50
Nov 17-21	40	34	1	75	6	56
Nov 22-26	31	36	-	67	6	62
Nov 27-Dec 1	53	37	-	90	7	69
Dec 2-6	44	24	-	68	6	75
Dec 7-11	57	29	-	86	7	82
Dec 12-16	26	28	-	54	4	86
Dec 17-21	40	33	3	76	6	92
Dec 22-26	17	21	-	38	3	95
Dec 27-31	20	14	-	34	2	97
Jan 1-5	10	8	-	18	2	99
Jan 6-9*	3	7	-	10	1	100
Unknown	88	70	89	247	-	-
Total	749	609	101	1,459	100	100

* 4-day interval

Table 12. Distribution of otter harvest among takers, 1991-92 through 1993-94.

Number Otter Taken	Trappers (#), Trappers (%)					
	1991-1992		1992-1993		1993-1994	
	#	%	#	%	#	%
1	192	43	186	32	193	33
2	114	25	145	25	115	19
3	145	32	92	16	100	17
4	*	*	154	27	184	31
Total	451	100	577	100	592	100

* 1991 season limit = 3

Marten 1993-94

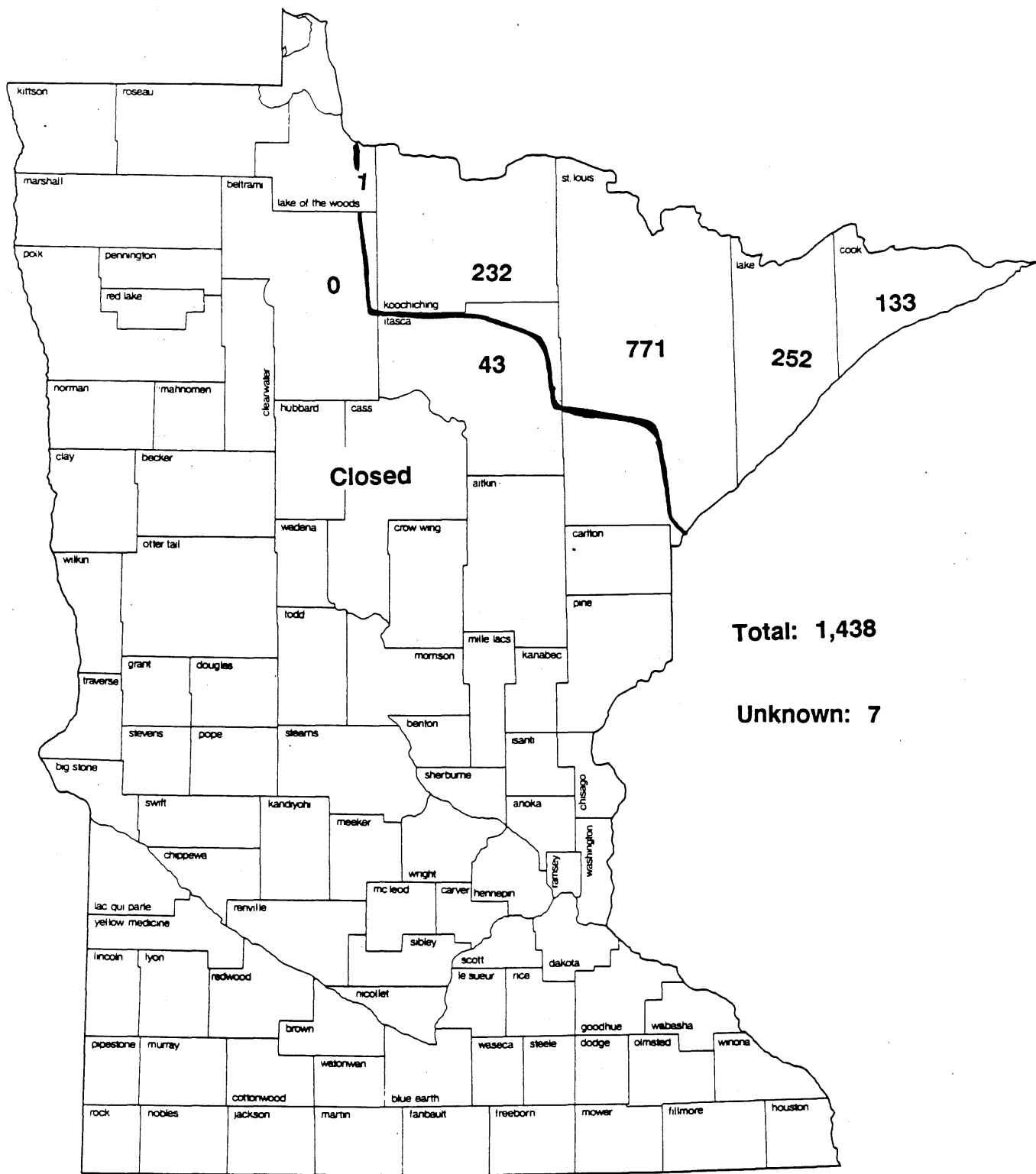


Figure 4. Marten harvest by county, 1993-94.

Table 13. Marten harvest by county and sex, 1993-94 season.

County	Sex			Total
	Male	Female	Unknown	
Cook	110	23	-	133
Itasca	28	14	1	43
Koochiching	156	76	-	232
Lake	189	63	-	252
Lake of the Woods	-	1	-	1
St. Louis	521	245	5	771
Unknown	3	2	1	6
Total	1,007	424	7	1,438

Table 14. Comparison of marten harvest by county, 1989-90 - 1993-94.

County	1989-90	1990-91	1991-92	1992-93	1993-94
Beltrami	-	-	-	1	-
Cook	288	178	69	180	133
Itasca	18	16	12	28	43
Koochiching	204	123	115	206	232
Lake	481	446	123	357	252
Lake of the Woods	-	-	-	-	1
St. Louis	1,123	567	336	666	771
Unknown	5	19	1	164	6
Total	2,119	1,349	656	1,602	1,438

Table 15. Marten harvest by date and sex, 1993-94 season.

Date	Sex			Total	% of Known Total	Cummulative Percent
	M	F	U			
Dec 4	9	3	1	13	1	1
Dec 5	132	34	-	166	13	14
Dec 6	110	47	1	158	12	26
Dec 7	107	24	-	131	10	36
Dec 8	94	38	2	134	10	46
Dec 9	72	25	-	97	7	53
Dec 10	69	40	-	109	8	61
Dec 11	96	44	-	140	11	72
Dec 12	59	26	-	85	6	78
Dec 13	28	13	-	41	3	81
Dec 14	18	19	-	37	3	84
Dec 15	27	24	-	51	4	88
Dec 16	23	7	-	30	2	90
Dec 17	37	3	-	40	3	93
Dec 18	42	17	-	59	4	97
Dec 19	20	15	-	35	3	100
Unknown	64	45	3	112	-	-
Total	1,007	424	7	1,438		

Table 16. Distribution of marten harvest among takers, 1992-93 - 1993-94.

Number Marten Taken	Trappers		Trappers	
	1992-1993		1993-1994	
	#	%	#	%
1	122	14	76	10
2	740	86	681	90
Total	862	100	757	100

