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Minnesota Deer Harvest Report 1989

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Note: The firearms season was closed in 1971.

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1989 MINNESOTA DEER HARVEST REPORT
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Table 1. Statewide license sales, harvests, and success rates for 1989 Firearms deer season.[1]

Firearms licenses sold[2] (01-31-90 report)	408,124
Corrected total	_____
Statewide registered Firearms deer harvest	130,176
	_____
Statewide registered Buck[3] harvest	77,132
Buck proportion of total kill	59.5%
Statewide registered Antlerless harvest	52,419
Antlerless proporation of total kill	40.5%
Antlerless permits offered, statewide[4]	100,150
Bonus licenses offered, statewide	852
Antlerless permits issued, statewide	98,034
Bonus licenses issued, statewide	675
Buck-only hunters (License minus permits and bonus licenses)[5]	309,315
Overall firearms hunter success by registration	31.8%
Antlerless permit holder success by registration[6]	53.1%
Buck-only hunter success by registration	24.9%

1 Harvest figures include deer taken during the Special Muzzleloader Season.

2 Includes Special Muzzleloader as well as Regular Firearms licenses.

3 Bucks include adult males and unidentified deer. Adult females and all fawns classed as antlerless deer.

4 See Table 3 for antlerless quotas, additional permits, etc.

5 Includes Special Muzzleloader Season hunters.

6 Includes success for only those antlerless permit and bonus license holders taking antlerless deer. Does not include bucks taken by antlerless permit or bonus license holders.

Table 2. Statewide Firearms, Archery, and Muzzleloader harvests, license sales, and success rates 1982-1989.

	1982	1983	1984	1985	1986	1987	1988	1989
REGULAR FIREARMS								
Res. Lic. Sales	369,018	391,099	396,074	408,056	412,079	412,429	407,861	401,962[1]
Non-Res. Lic. Sales	3,038	3,611	4,307	4,961	4,473	4,930	5,626	6,062[1]
Total Lic. Sales	372,056	394,710	400,381	413,017	416,555	417,358	413,487	408,024[1]
Registered Buck Kill[2]	54,305	62,481	58,966	62,603	60,980	77,619	80,065	77,132
No. Antlerless Permits	89,925	156,350	150,375	167,725	130,519	109,731	109,994	98,034
Registered AL Kill	38,740	69,976	73,076	75,462	68,790	57,384	58,881	52,419
Registered Total Kill	93,045	132,457	132,042	138,065	129,770	135,003	138,946	129,551
Registered % Successful	25.0	33.6	33.0	33.4	31.2	32.4	33.6	31.8
ARCHERY								
Res. Lic. Sales	54,062	55,803	61,576	66,724	67,745	68,809	68,255	66,668[1]
Non-Res. Lic. Sales	848	470	583	589	547	604	717	695[1]
Total Lic. Sales	54,910	56,273	62,159	67,313	68,292	69,413	68,972	67,363[1]
Registered Kill	5,566	5,977	6,390	7,575	7,610	7,535	8,262	9,307
Registered % Successful	10.1	10.6	10.3	11.3	11.1	10.9	12.0	13.8
MUZZLELOADER								
Registered Kill	441	652	532	563	593	535	686	622
TOTAL Registered Kill	99,052	139,086	138,941	146,203	137,923	143,073	148,394	139,480

1 Estimate as of 01/31/90.

2 Bucks include adult males and unidentified deer.

Table 3. Antlerless permit drawing statistics, 1989. (Revised 2-14-90)

Number of areas with permits available.....	164	
Total number of permits offered.....	100,150	
Total number of applications received.....	277,616	
Total number of rejected applications.....	9,092	(3.3%)

Summary of errors causing application rejection:

Driver's license errors.....	1,733
Permit area requested not valid.....	2,253
No signature.....	2,194
Birthdate invalid or missing	102
Late postmark.....	3,202
Duplicate application.....	26
Age not 12-18 under youth drawing.....	117

Total number of valid applications.....	268,524
Total number of permits issued.....	98,034
Total number of permits not issued	2,116
Number of permit areas undersubscribed.....	19

Table 4.

Antlerless Lottery Distribution Report - 1989

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued) Firearms Safety	Highest - Preference Level 6	5	4	3	2	Lowest 1	Permit Left Over
104	700	2611	140 (35)		1 (1)	123 (123)	730 (541)*	770 (0)	882 (0)	0
107	1700	5399	279 (85)		2 (2)	79 (79)	919 (918)	1928 (516)*	2206 (0)	0
110	300	1015	65 (18)			24 (24)	252 (251)	329 (7)	354 (0)	0
119	3500	5579	259 (175)		2 (2)	23 (23)	241 (241)	1604 (1601)*	3489 (1458)*	0
122	1001	2871	149 (50)		2 (2)	12 (12)	288 (287)	989 (650)*	1466 (0)*	0
126	750	1380	70 (37)		6 (6)	20 (19)	62 (62)	304 (303)	930 (323)*	0
152	100	361	29 (8)		17 (17)	48 (48)	62 (27)*	81 (0)	129 (0)	0
154	1200	7519	406 (60)	6 (6)	458 (458)	1486 (676)*	1640 (0)	1730 (0)	1893 (0)	0
157	1000	6693	422 (60)	10 (10	827 (827)	1241 (103)*	1343 (0)	1471 (0)	1485 (0)	0
159	1000	4188	237 (50)	106 (106)	829 (828)*	887 (16)*	1025 (0)	1189 (0)	62 (0)	0
167	1751	11921	612 (87)	38 (38)	2978 (1626)*	3361 (0)*	2547 (0)	2557 (0)	94 (0)	0
170	2250	18347	935 (112)		366 (366)	4963 (1772)*	4417 (0)	3886 (0)*	4044 (0)	0
175	4000	11824	835 (280)		1 (1)	311 (311)	2473 (2466)	3765 (942)*	4573 (0)	0
180	6000	15119	806 (300)		15 (15)	235 (235)	2409 (2406)	5335 (3044)*	6510 (0)	0
197	750	2881	140 (37)		1 (1)	128 (128)	903 (584)*	805 (0)	936 (0)	0
201	150	458	32 (0)				11 (10)	170 (131)*	254 (0)	0
202	700	1146	57 (35)			4 (4)	11 (11)	174 (174)	906 (476)*	0
203	350	683	27 (14)			4 (4)	18 (18)	179 (179)	458 (135)*	0
204	1301	2446	168 (91)			6 (6)	55 (54)	594 (594)	1644 (556)*	0
205	500	1693	120 (35)			9 (9)	102 (102)	571 (354)*	904 (0)*	0
206	1000	1516	84 (50)		2 (2)		23 (23)	261 (260)	1147 (665)*	0
207	800	1320	102 (56)			4 (4)	9 (9)	226 (226)	991 (505)*	0
208	350	739	54 (24)				6 (6)	73 (73)	609 (247)*	0
209	800	1038	76 (56)			2 (2)	11 (11)	30 (30)	920 (701)*	0
210	1000	1690	118 (70)			1 (1)	33 (33)	488 (487)	1063 (409)*	0
211	800	3757	237 (48)		2 (2)	84 (84)	806 (666)*	1242 (0)	1419 (0)	0
221	300	2102	192 (27)			76 (76)	524 (197)*	585 (0)	747 (0)	0
222	400	2243	193 (32)		1 (1)	42 (42)	450 (325)*	676 (0)	913 (0)	0
223	600	1645	115 (42)		1 (1)	6 (6)	101 (101)	665 (450)*	771 (0)	0
224	150	550	44 (12)				24 (24)	237 (114)*	251 (0)	0
225	650	3482	207 (39)		1 (1)	31 (31)	623 (579)*	1313 (0)	1351 (0)	0
226	350	2163	129 (21)		4 (4)	4 (4)	187 (185)	890 (136)*	977 (0)	0
227	1400	1286	88 (86)		1 (1)	7 (7)	88 (88)	440 (440)	670 (664)	114
235	150	397	21 (7)		1 (1)	2 (2)	26 (25)	152 (115)*	204 (0)	0
236	700	977	42 (28)			5 (5)	19 (18)	158 (157)	760 (492)*	0

Table 4.
Antlerless Lottery Distribution Report (continued)

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued) Firearms Safety	Highest - Preference Level 6	5	4	3	2	Lowest 1	Permit Left Over
244	2999	11099	666 (180)		2 (2)	151 (151)	2444 (2438)	4066 (229)*	3911 (0)	0
246	2000	8651	581 (120)			171 (171)	3017) (1709)*	2594 (0)	2410 (0)	0
247	750	3926	220 (37)		5 (5)	364 (364)	1273 (344)*	1120 (0)	1018 (0)	0
248	250	1092	74 (17)			17 (17)	288 (216)*	361 (0)	367 (0)	0
249	501	2957	226 (35)		1 (1)	73 (73)	1026 (392)*	910 (0)	755 (0)	0
251	200	669	51 (14)			5 (5)	158 (158)	228 (23)*	232 (0)	0
284	4000	10388	660 (240)		4 (4)	63 (63)	1472 (1471)	3920 (2222)*	4370 (0)	0
287	300	639	39 (18)			2 (2)	47 (47)	193 (192)	364 (41)*	0
297	300	1479	102 (21)			34 (34)	385 (245)*	505 (0)	469 (0)	0
337	500	510	29 (25)			3 (3)	9 (9)	79 (78)	395 (385)*	0
338	200	907	72 (16)		2 (2)	5 (5)	20 (20)	73 (72)	738 (85)*	0
339	900	885	46 (44)		1 (1)	8 (8)	16 (16)	59 (59)	727 (727)	45
341	1900	2098	167 (152)			1 (1)	12 (12)	168 (168)	1768 (1567)*	0
342	1300	1536	139 (117)			1 (1)	16 (16)	219 (219)	1169 (947)*	0
343	1500	1414	116 (114)			2 (2)	8 (8)	32 (32)	1259 (1258)	86
344	1100	1586	124 (88)				12 (12)	391 (390)	1080 (610)*	0
345	1000	1434	107 (70)			1 (1)	3 (3)	246 (246)	1083 (680)*	0
346	2600	2144	176 (174)			3 (3)	7 (7)	54 (54)	1907 (1906)	456
347	1100	1133	97 (88)			1 (1)	1 (1)	70 (69)	969 (941)*	0
348	1301	1523	108 (91)			3 (3)	7 (7)	321 (321)	1087 (879)*	0
349	2200	2236	147 (132)			1 (1)	13 (13)	264 (264)	1816 (1790)*	0
401A	350	199	16 (16)				1 (1)	6 (6)	177 (176)	151
402A	300	370	17 (12)				1 (1)	9 (9)	344 (228)*	0
403A	250	264	15 (15)			1 (1)	4 (4)	8 (8)	236 (222)*	0
404A	500	681	54 (40)			1 (1)	2 (2)	112 (112)	514 (345)*	0
405A	650	787	52 (39)				5 (5)	14 (14)	718 (592)*	0
406A	400	682	44 (24)			2 (2)	2 (2)	23 (23)	611 (349)*	0
407A	502	982	82 (40)				6 (6)	29 (29)	870 (427)*	0
408A	400	711	59 (32)				6 (6)	85 (85)	563 (277)*	0
409A	600	1778	146 (48)			4 (4)	25 (25)	338 (337)	1273 (186)*	0
410A	750	3107	201 (45)		1 (1)	2 (2)	30 (30)	568 (568)	2328 (104)*	0
411A	750	2826	211 (52)			4 (4)	22 (22)	411 (411)	2198 (261)*	0
412A	550	2720	182 (38)			1 (1)	86 (86)	877 (425)*	1599 (0)	0

Table 4.
Antlerless Lottery Distribution (continued)

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued) Firearms Safety	Highest - Preference Level 6	5	4	3	2	Lowest 1	Permit Left Over
413A	250	2021	151 (17)		3 (3)	1 (1)	138 (138)	807 (91)*	940 (0)	0
414A	300	1883	135 (21)			3 (3)	197 (197)	716 (79)*	849 (0)	0
415A	250	1589	132 (20)			4 (4)	216 (216)	597 (10)*	651 (0)	0
416A	350	1285	96 (24)			1 (1)	47 (47)	418 (278)*	734 (0)	0
417A	350	2675	203 (24)			5 (5)	137 (137)	994 (184)*	1364 (0)	0
418A	200	1754	151 (16)			23 (23)	337 (161)*	617 (0)	641 (0)	0
419A	350	1144	80 (24)			2 (2)	120 (120)	457 (204)*	501 (0)	0
420A	250	565	36 (15)				1 (1)	43 (43)	487 (191)*	0
421A	100	486	41 (8)				1 (1)	95 (91)*	353 (0)	0
422A	150	465	27 (9)				4 (4)	75 (75)	359 (62)*	0
423A	150	594	54 (13)			1 (1)	11 (11)	151 (125)*	381 (0)	0
424A	150	523	44 (12)			2 (2)	27 (27)	171 (109)*	284 (0)	0
425A	50	168	15 (4)				4 (4)	46 (42)*	106 (0)	0
426A	100	535	46 (8)			13 (13)	93 (79)*	186 (0)	200 (0)	0
427A	100	681	55 (8)			20 (20)	186 (72)*	205 (0)	225 (0)	0
428A	150	641	52 (12)			10 (10)	117 (117)	193 (11)*	278 (0)	0
431A	100	547	40 (7)			1 (1)	22 (22)	179 (70)*	309 (0)	0
432A	300	2161	158 (21)			4 (4)	180 (180)	870 (95)*	969 (0)	0
436A	100	1057	69 (6)			1 (1)	24 (24)	340 (69)*	627 (0)	0
438A	30	1074	70 (1)			17 (17)	235 (12)*	364 (0)	404 (0)	0
442A	250	2548	194 (17)			72 (72)	631 (161)*	812 (0)	870 (0)	0
446A	100	582	35 (6)				10 (10)	125 (84)*	413 (0)	0
447A	50	461	31 (3)			1 (1)	12 (12)	124 (34)*	296 (0)	0
448A	50	688	48 (3)			3 (3)	51 (44)*	229 (0)	364 (0)	0
449A	100	968	81 (8)			2 (2)	72 (72)	321 (18)*	500 (0)	0
450A	50	428	42 (5)				16 (16)	176 (29)*	199 (0)	0
451A	150	559	45 (12)				12 (12)	155 (126)*	353 (0)	0
452A	200	236	18 (14)				1 (1)	16 (16)	202 (169)*	0
453A	200	317	27 (16)			1 (1)	10 (10)	100 (99)	182 (74)*	0
454A	300	777	66 (24)			2 (2)	69 (69)	273 (205)*	376 (0)	0
455A	50	68	4 (3)				1 (1)	14 (14)	49 (32)*	0
456A	200	398	26 (12)			1 (1)	26 (26)	134 (134)	216 (27)*	0
457A	100	580	35 (6)			3 ((3)	84 (84)	232 (7)*	229 (0)	0
458A	100	401	17 (4)			2 (2)	73 (73)	125 (21)*	189 (0)	0

Table 4.
Antlerless Lottery Distribution (continued)

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued) Firearms Safety	Highest - Preference Level 6	5	4	3	2	Lowest 1	Permit Left Over
459A	250	838	69 (20)			7 (7)	135 (135)	270 (88)*	371 (0)	0
461A	100	848	64 (7)			10 (10)	172 (83)*	307 (0)	314 (0)	0
462A	200	1045	66 (12)			4 (4)	73 (73)	364 (111)*	552 (0)	0
463A	50	489	47 (4)			7 (7)	101 (39)*	156 (0)	187 (0)	0
464A	100	540	36 (7)		1 (1)	1 (1)	41 (41)	179 (50)*	286 (0)	0
465A	50	225	16 (3)			1 (1)	3 (3)	67 (43)*	141 (0)	0
466A	300	612	47 (21)				31 (31)	209 (209)	326 (39)*	0
467A	200	373	28 (14)			3 (3)	4 (4)	137 (137)	204 (42)*	0
401B	350	168	19 (18)					5 (5)	145 (145)	59
402B	400	220	18 (17)					6 (6)	197 (197)	180
403B	250	378	30 (20)					9 (9)	339 (221)*	0
404B	600	668	43 (36)				4 (4)	102 (102)	520 (458)*	0
405B	650	513	27 (26)				4 (4)	14 (14)	469 (469)	137
406B	600	469	22 (22)					13 (13)	434 (434)	131
407B	700	535	39 (39)				2 (2)	19 (19)	475 (475)	165
408B	450	522	39 (31)				7 (7)	65 (65)	413 (347)*	0
409B	1400	984	83 (80)			3 (3)	19 (18)	222 (221)	667 (662)	416
410B	1750	1496	98 (92)			2 (2)	26 (26)	314 (314)	1065 (1062)	254
411B	1750	1452	105 (103)		1 (1)	1 (1)	18 (18)	208 (207)	1123 (1122)	298
412B	1250	1286	100 (98)			2 (2)	42 (42)	455 (453)	703 (655)*	0
413B	600	972	58 (36)		1 (1)	1 (1)	76 (76)	378 (375)	471 (111)*	0
414B	450	1088	84 (36)				103 (103)	402 (311)*	508 (0)	0
415B	350	830	57 (24)		1 (1)	5 (5)	109 (109)	300 (211)*	364 (0)	0
416B	850	800	61 (59)			4 (4)	34 (34)	267 (266)	448 (437)	50
417B	850	1468	121 (68)			6 (6)	79 (79)	517 (515)	754 (182)*	0
418B	450	897	66 (31)			6 (6)	172 (172)	319 (241)*	346 (0)	0
419B	400	920	75 (32)		1 (1)	3 (3)	81 (80)	328 (284)*	445 (0)	0
420B	350	315	21 (21)			1 (1)	1 (1)	30 (29)	264 (263)	35
421B	300	292	27 (26)			2 (2)	3 (3)	58 (57)	205 (204)	8
422B	300	109	7 (7)			4 (4)		18 (18)	80 (80)	191
423B	350	231	20 (19)				5 (5)	69 (68)	141 (139)	119
424B	250	345	37 (25)			3 (3)	19 (19)	132 (132)	160 (71)*	0
425B	50	137	13 (4)				2 (2)	41 (41)	81 (3)*	0
426B	200	501	40 (16)			4 (4)	88 (88)	184 (92)*	187 (0)	0

Table 4.

Antlerless Lottery Distribution (continued)

Permit Area Number	No. of Permits Offered	Total Valid Applic.	Number of applications received (permits issued) Firearms Safety	Highest - Preference Level 6	5	4	3	2	Lowest 1	Permit Left Over
427B	150	438	30 (10)		1 (1)	17 (17)	107 (107)	143 (15)*	146 (0)	0
428B	150	527	45 (12)			1 (1)	87 (87)	171 (50)*	234 (0)	0
431B	300	259	21 (18)				11 (11)	97 (96)	136 (134)	41
432B	701	941	73 (56)		1 (1)	2 (2)	92 (92)	371 (370)	417 (180)*	0
436B	300	578	51 (27)			1 (1)	14 (14)	169 (169)	347 (89)*	0
438B	70	274	23 (5)			4 (4)	69 (61)*	85 (0)	95 (0)	0
442B	400	1374	112 (32)			34 (34)	306 (304)	423 (30)*	515 (0)	0
446B	150	255	19 (10)				5 (5)	55 (55)	177 (80)*	0
447B	100	182	4 (2)				7 (7)	53 (53)	119 (38)*	0
448B	150	248	13 (7)				15 (15)	87 (87)	134 (41)*	0
449B	200	362	27 (14)			1 (1)	26 (26)	94 (94)	218 (65)*	0
450B	100	210	15 (7)			1 (1)	11 (11)	82 (81)*	102 (0)	0
451B	200	427	42 (20)				11 (11)	125 (125)	250 (44)*	0
452B	200	341	19 (12)				4 (4)	24 (24)	294 (160)*	0
453B	200	365	17 (10)				13 (13)	113 (113)	224 (64)*	0
454B	300	648	41 (18)			1 (1)	55 (55)	241 (226)*	317 (0)	0
455B	50	144	11 (4)				1 (1)	29 (29)	103 (16)*	0
456B	200	390	22 (10)			3 (3)	30 (30)	123 (122)	215 (35)*	0
457B	100	331	25 (8)			5 (5)	53 (53)	100 (34)*	149 (0)	0
458B	150	344	15 (6)			9 (9)	61 (61)	130 (74)*	133 (0)	0
459B	350	577	36 (21)			8 (8)	98 (97)	185 (182)	256 (42)*	0
461B	200	680	53 (16)			10 (10)	125 (125)	238 (49)*	261 (0)	0
462B	400	563	39 (28)				40 (40)	204 (204)	291 (128)*	0
463B	50	331	21 (3)			7 (7)	58 (40)*	95 (0)	154 (0)	0
464B	200	349	39 (22)			1 (1)	31 (30)	111 (110)	173 (37)*	0
465B	100	304	15 (5)				5 (5)	93 (90)*	191 (0)	0
466B	300	694	52 (21)			1 (1)	35 (35)	261 (243)*	349 (0)	0
467B	200	502	58 (22)			2 (2)	9 (9)	127 (127)	309 (40)*	0
	100,150	277,616	17,461 (6,294)	160 (160)	5,544 (4,191)	14,535 (5,193)	38,860 (22,493)	74,770 (27,549)	120,131 (31,240)	2936

Table 5. Statewide Firearms harvest, 1977-1989.

Year	Bucks[1]		Antlerless[2]		Total
1989	77,132	(59.5%)	52,419	(40.5%)	130,176[3]
1988	80,065	(57.6%)	58,881	(42.4%)	138,946[3]
1987	77,619	(57.5%)	57,298	(42.5%)	135,003
1986	60,980	(47.0%)	68,790	(53.0%)	129,770
1985	62,603	(45.3%)	75,462	(54.7%)	138,065
1984	58,966	(44.7%)	73,076	(55.3%)	132,042
1983	62,481	(47.2%)	69,976	(52.8%)	132,457
1982	54,305	(58.4%)	38,740	(41.6%)	93,045
1981	60,034	(64.5%)	32,993	(35.5%)	93,027
1980	46,728	(68.2%)	21,811	(31.8%)	68,539
1979	31,251	(70.5%)	12,864	(29.5%)	44,340
1978	36,521	(77.1%)	10,244	(22.9%)	47,372
1977	36,683	(79.9%)	8,815	(20.1%)	45,918

[1]Includes adult males, and unidentified deer.

[2]Includes adult females and all fawns.

[3]Special Muzzleloader Season included.

Table 6. Firearms Bonus License Results, 1989.

Permit Area	Bonus Licenses Offered	Bonus Licenses Purchased	Bonus Deer Harvest[1]	Total Antlerless Harvest	Increase Due to Bonus
227	114	65	36	474	8.2 %
339	45	19	12	320	3.9 %
343	86	42	31	630	5.2 %
346	456	174	128	1263	11.3 %
401A	151	80	28	91	44.4 %
Unknown[2]	---	35	Included Above	Included Above	Included Above
Totals	852	415[3]	235	2778	9.2 %

[1]Number of hunters who tagged two deer in the same area.

[2]Additional bonus license sales reported by county auditors that do not show permit area distribution.

[3]Total bonus license sales reported by county auditors as of 2/20/90. Does not include bonus licenses issued for special hunts.

REGULAR FIREARMS

Zone 1A
Legal buck and antlerless deer by permit—
Nov. 4–19

Zone 2A
Legal buck and antlerless deer by permit—
Nov. 4–12

Zone 3A
Legal buck—Nov. 4–12

—OR—

Zone 3B
Legal buck and antlerless deer by permit—
Nov. 18–24

Zone 4A
Legal buck and antlerless deer by permit—
Nov. 4–5

Zone 4B
Legal buck and antlerless deer by permit—
Nov. 11–14

MUZZLELOADER
Nov. 25–Dec. 10

Figure 1. 1989 Firearms Deer Season and Dates

Table 7. Firearm deer hunter time and zone option selection, 1985-89.

Option	Proportional Selecting				
	1985	1986	1987	1988	1989
Zone 1[2]	37.3%	38.8%	37.4%	40.2%	40.4%
Zone 2[2]	26.7%	25.3%	26.2%	26.8%	27.3%
Zone 3A[3]	3.5%	2.6%	1.9%	3.5%	3.9%
	9.7%	8.4%	8.9%	8.8%	9.5%
Zone 3B[2]	6.2%	5.8%	7.0%	5.3%	5.6%
Zone 4A[2]	14.2%	16.1%	16.9%	15.9%	13.7%
	25.7%	27.0%	27.1%	23.5%	22.2%
Zone 4B[2]	11.5%	10.9%	10.2%	7.6%	8.5%
ML[4]	0.6%	0.5%	0.5%	0.6%	0.6%
Totals	99.4%	100%	100.1%	99.9%	100.0%

[1]Estimated by a sample from deer license copies submitted to DNR.

[2]Legal buck or antlerless deer by permit.

[3]Legal buck

[4]Special Season, either sex, designated areas.

Table 8. Total Firearms deer harvest by zone, 1989.

Zone	Deer Hunters[1]	License estimate and registration		
		Deer Harvest	Percent of Harvest	Overall Success
1	164569	40307	31.2%	24%
2	111206	31310	24.2%	28%
3	38698	15189	11.7%	39%
4	90431	40947	31.7%	45%
Unknown	-	1383	10.7%	-
State	404904	129136		31%

[1] Projected by a sample of 12,755 deer licenses and License Center's estimate of 404,904 licenses (report of 1-31-89). Does not include muzzleloaders.

Table 9. Antlerless Firearms deer harvest by zone, 1989.

Zone	Permits Issued 2	Registered Kills: Antlerless Taken 3	Registered Kills: Percent of Harvest	Registered Kills: Permit Success
1	26002	13188	25.3%	50%
2	23816	12522	24.0%	52%
3	15836	7760	14.9%	49%
4	34583	18046	34.7%	52%
Unknown	-	443	.8%	-
State	100237	51959		51%

2 Includes bonus licenses issued.

3 Includes adult females and all fawns.

Table 10. Buck Firearms deer harvest by zone, 1989.

Zone	Buck Hunters [1]	Registered Kills: Bucks Registered [2]	Registered Kills: Percent of Harvest	Buck Hunter Success [3]
1	138567	27114	35.1%	19%
2	87455	18781	24.3%	21%
3	23097	7418	9.6 %	32%
4	55928	22881	29.6%	40%
Unknown	-	989	-	-
State	305047	77183		25%

[1] License sales estimate minus permit holders. Permit holders who took bucks not included here.

[2] Includes adult males, unknown age males, and unidentified deer taken by both buck-only hunters and antlerless permit holders.

[3] Success is inflated because permit holders who took bucks cannot be sorted out.

Figure 2. Deer Management Units (DMU's) and Sub-DMU's.

Table 11. Firearms deer harvest by date, 1989.
Percent of kill by zone for antlered bucks and permit deer

Day of Season	Zone 1 Bucks	Zone 1 Permit	Zone 2 Bucks	Zone 2 Permit	Zone 3 Bucks	Zone 3 Permit	Zone 4 Bucks	Zone 4 Permit	State Bucks	State Permit
Nov 4	28.6	18.6	35.4	22.1	22.3	.2	33.6	17.6	31.1	16.3
5	19.0	16.5	20.6	19.6	12.9	.1	26.8	20.0	21.1	16.0
6	7.7	7.5	8.2	9.9	5.7	.1	.8	.6	5.6	4.5
7	4.2	4.4	5.0	5.6	3.5	.0	.1	.0	3.1	2.5
8	2.8	2.6	3.3	3.6	3.3	.0	.0	.0	2.1	1.5
9	3.2	2.5	3.8	3.5	3.4	.0	.1	.0	2.4	1.5
10	4.2	4.2	5.7	6.3	4.6	.2	.1	.1	3.4	2.7
11	8.9	11.4	9.4	14.8	7.5	.2	14.1	20.8	10.5	13.9
12	6.2	8.8	7.7	13.7	7.7	.1	11.6	19.7	8.4	12.5
13	1.3	1.6	.3	.4	.3	.0	6.8	11.4	2.6	4.5
14	1.2	1.1	.1	.1	.1	.1	5.1	8.7	2.0	3.4
15	1.4	1.4	.0	.0	.0	.0	.4	.6	.6	.6
16	1.2	1.4	.0	.0	.0	.0	.1	.1	.5	.4
17	1.7	2.7	.0	.0	.0	.1	.0	.0	.6	.7
18	4.2	7.4	.0	.0	11.1	34.6	.0	.0	2.6	7.2
19	4.0	7.6	.0	.0	7.1	27.5	.0	.0	2.1	6.1
20	.1	.1	.0	.0	2.5	7.8	.0	.0	.3	1.2
21	.0	.0	.0	.0	1.3	3.5	.0	.0	.1	.5
22	.0	.0	.0	.0	1.1	4.9	.0	.0	.1	.7
23	.0	.0	.0	.0	1.9	6.2	.0	.0	.2	.9
24	.0	.0	.0	.0	3.1	12.7	.0	.0	.3	1.9
Unknown	.3	.1	.3	.2	.7	1.5	.3	.3	.3	.4
	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Figures within a zone do not total 100% because all unknown deer are not included (e.g. unknown block number or unknown date.)

Table 12. Harvest and success rates by DMU and Sub-DMU, 1989.

Unit	Permits Issued[1]	Antlerless Registered	Permit Success	Bucks Registered	Total Reg. Kill
Red River West	1,010	453	44.9%	446	899
Red River East	5,519	2763	50.1%	2232	4995
Sub-DMU Total	6,529	3216	49.3%	2678	5894
Agassiz	6,951	3380	48.6%	3462	6842
Sub-DMU Total	6,951	3380	48.6%	3462	6842
Rainy River West	800	405	50.6%	1317	1722
Rainy River Central	1,000	552	55.2%	1377	1929
Rainy River East	1,700	801	47.1%	1547	2348
Sub-DMU Total	3,500	1758	50.2%	4241	5999
Superior West	3,500	1233	35.2%	1378	2611
Superior Wilderness	0	5	0	119	124
Superior Central	1,001	420	42.0%	949	1369
Grand Portage I. R.	0		0		0
Superior East	750	284	37.9%	719	1003
Sub-DMU Total	5,251	1942	37.0%	3165	5107
Itasca NW	1,751	1047	59.8%	2786	3833
Itasca SW	2,250	1524	67.7%	4082	5606
Itasca NE	4,000	1796	44.9%	2967	4763
Itasca SE	6,000	2675	44.6%	3737	6412
Leech Lake Ind. Res.	750	342	45.6%	794	1136
Bemidji	4,300	2398	55.8%	2982	5380
Sub-DMU Total	19,051	9782	51.3%	17,348	27,130
Mille Lacs West	3,199	1802	56.3%	2546	4348
Mille Lacs Central	3,501	2392	68.3%	4250	6642
Mille Lacs East	3,300	2277	69.0%	6490	8767
W. E. Ind. Res.	300	154	51.3%	733	887
Sub-DMU Total	10,300	6625	64.3%	14,019	20,644
Big Woods North	13,782	7305	53.0%	8475	15,780
Big Woods Central	2,450	1490	60.8%	3300	4790
Big Woods Metro N	2,136	712	33.3%	910	1622
Big Woods Metro S	1,555	617	39.7%	852	1469
Big Woods S.E.	13,459	7311	54.3%	6580	13,891
Sub-DMU Total	33,382	17,435	52.5%	20,117	37,552

Table 12. Continued

Unit	Permits Issued[1]	Antlerless Registered	Permit Success	Bucks Registered	Total Reg. Kill
Prairie North	2,947	1663	56.4%	2412	4075
Prairie River	2,510	1590	63.3%	2907	4497
Prairie Southwest	4,350	3014	69.3%	4304	7318
Prairie Southeast	2,450	1345	54.9%	2125	3470
Sub-DMU Total	12,257	7612	62.1%	11,748	19,360
Unknown	0	628	.0%	403	1031
Total	97,221	52,378	53.9%	77,181	129,559

[1]Does not include Bonus Permits.

Figure 3. 1989 Registration Block Map.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
110	300	89	395	187	582	4.43	2.10	6.53
115	0	303	33	2	35	.10	.00	.10
116	0	532	17	1	18	.03	.00	.03
117	0	1003	69	2	71	.06	.00	.06
127	0	630	91	3	94	.14	.00	.14
130	0	222	18	0	18	.08	.00	.08
152	100	47	160	72	232	3.40	1.53	4.93
159	1000	515	1644	684	2328	3.19	1.32	4.51
201	150	168	118	81	199	.70	.48	1.18
202	700	166	236	324	560	1.42	1.95	3.37
203	350	108	159	142	301	1.47	1.31	2.78
204	1301	747	690	709	1399	.92	.94	1.86
205	500	592	591	331	922	.99	.55	1.54
206	1000	458	431	493	924	.94	1.07	2.01
207	800	306	397	367	764	1.29	1.19	2.48
208	350	466	157	132	289	.33	.28	.61
209	800	574	274	328	602	.47	.57	1.04
210	1000	1799	409	473	882	.22	.26	.48
221	300	649	513	201	714	.79	.30	1.09
222	400	429	621	264	885	1.44	.61	2.05
223	600	369	370	308	678	1.00	.83	1.83
224	150	45	88	69	157	1.95	1.53	3.48
225	650	666	1081	481	1562	1.62	.72	2.34
226	350	501	627	167	794	1.25	.33	1.58
227	1400	392	443	474	917	1.13	1.20	2.33
235	150	61	82	39	121	1.34	.63	1.97
236	700	588	385	199	584	.65	.33	.98
246	2000	1015	2179	1398	3577	2.14	1.37	3.51
247	750	651	975	473	1448	1.49	.72	2.21
248	250	135	296	158	454	2.19	1.17	3.36
249	501	543	800	363	1163	1.47	.66	2.13
251	200	66	191	93	284	2.89	1.40	4.29
297	300	0	98	85	183	.00	.00	.00
298	0	0	413	291	704	.00	.00	.00
338	200	595	331	143	474	.55	.24	.79
339	900	727	316	320	636	.43	.44	.87

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
341	1900	652	650	855	1505	.99	1.31	2.30
342	1300	396	640	760	1400	1.61	1.91	3.52
343	1500	656	654	630	1284	.99	.96	1.95
344	1100	184	550	579	1129	2.98	3.14	6.12
345	1000	332	655	594	1249	1.97	1.78	3.75
346	2600	374	985	1263	2248	2.63	3.37	6.00
347	1100	434	621	660	1281	1.43	1.52	2.95
348	1301	327	759	832	1591	2.32	2.54	4.86
349	2200	510	1066	1138	2204	2.09	2.23	4.32
401A	350	1024	75	91	166	.07	.08	.15
401B	350	1024	127	109	236	.12	.10	.22
402A	300	1023	150	139	289	.14	.13	.27
402B	400	1023	94	114	208	.09	.11	.20
403A	250	375	94	113	207	.25	.30	.55
403B	250	375	197	150	347	.52	.40	.92
404A	500	619	208	235	443	.33	.37	.70
404B	600	619	251	330	581	.40	.53	.93
405A	650	638	207	266	473	.32	.41	.73
405B	650	638	158	235	393	.24	.36	.60
406A	400	412	160	150	310	.38	.36	.74
406B	600	412	147	246	393	.35	.59	.94
407A	502	596	303	286	589	.50	.47	.97
407B	700	596	151	276	427	.25	.46	.71
408A	400	499	210	221	431	.42	.44	.86
408B	450	499	146	255	401	.29	.51	.80
409A	600	415	501	349	850	1.20	.84	2.04
409B	1400	415	234	563	797	.56	1.35	1.91
410A	750	1071	847	399	1246	.79	.37	1.16
410B	1750	1071	330	653	983	.30	.60	.90
411A	750	678	788	384	1172	1.16	.56	1.72
411B	1750	678	353	655	1008	.52	.96	1.48
412A	550	1158	650	284	934	.56	.24	.80
412B	1250	1158	297	607	904	.25	.52	.77
413A	250	645	464	153	617	.71	.23	.94
413B	600	645	226	357	583	.35	.55	.90
414A	300	566	511	174	685	.90	.30	1.20

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
414B	450	566	244	284	528	.43	.50	.93
415A	250	748	311	117	428	.41	.15	.56
415B	350	748	134	210	344	.17	.28	.45
416A	350	592	331	204	535	.55	.34	.89
416B	850	592	219	448	667	.36	.75	1.11
417A	350	978	598	201	799	.61	.20	.81
417B	850	978	333	473	806	.34	.48	.82
418A	200	781	388	138	526	.49	.17	.66
418B	450	781	205	269	474	.26	.34	.60
419A	350	770	263	161	424	.34	.20	.54
419B	400	770	248	222	470	.32	.28	.60
420A	250	639	151	127	278	.23	.19	.42
420B	350	639	115	153	268	.17	.23	.40
421A	100	718	182	51	233	.25	.07	.32
421B	300	718	121	142	263	.16	.19	.35
422A	150	620	238	96	334	.38	.15	.53
422B	300	620	61	54	115	.09	.08	.17
423A	150	542	196	96	292	.36	.17	.53
423B	350	542	93	125	218	.17	.23	.40
424A	150	502	191	98	289	.38	.19	.57
424B	250	502	126	168	294	.25	.33	.58
425A	50	431	75	35	110	.17	.08	.25
425B	50	431	44	34	78	.10	.07	.17
426A	100	543	157	48	205	.28	.08	.36
426B	200	543	144	122	266	.26	.22	.48
427A	100	737	164	60	224	.22	.08	.30
427B	150	737	103	99	202	.13	.13	.26
428A	150	590	128	84	212	.21	.14	.35
428B	150	590	123	71	194	.20	.12	.32
431A	100	454	199	73	272	.43	.16	.59
431B	300	454	80	142	222	.17	.31	.48
446A	100	296	189	74	263	.63	.25	.88
446B	150	296	88	102	190	.29	.34	.63
447A	50	456	175	39	214	.38	.08	.46
447B	100	456	58	75	133	.12	.16	.28
448A	50	444	234	39	273	.52	.08	.60

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
448B	150	444	91	101	192	.20	.22	.42
449A	100	465	304	76	380	.65	.16	.81
449B	200	465	102	156	258	.21	.33	.54
450A	50	874	116	30	146	.13	.03	.16
450B	100	874	69	77	146	.07	.08	.15
451A	150	689	202	122	324	.29	.17	.46
451B	200	689	220	145	365	.31	.21	.52
452A	200	617	115	85	200	.18	.13	.31
452B	200	617	144	160	304	.23	.25	.48
453A	200	742	149	114	263	.20	.15	.35
453B	200	742	157	149	306	.21	.20	.41
454A	300	826	213	192	405	.25	.23	.48
454B	300	826	256	236	492	.30	.28	.58
455A	50	76	23	29	52	.30	.38	.68
455B	50	76	42	32	74	.55	.42	.97
456A	200	755	151	110	261	.20	.14	.34
456B	200	755	165	139	304	.21	.18	.39
457A	100	632	162	66	228	.25	.10	.35
457B	100	632	120	64	184	.18	.10	.28
458A	100	739	141	67	208	.19	.09	.28
458B	150	739	122	112	234	.16	.15	.31
459A	250	977	309	179	488	.31	.18	.49
459B	350	977	187	244	431	.19	.24	.43
461A	100	509	171	63	234	.33	.12	.45
461B	200	509	142	117	259	.27	.22	.49
462A	200	530	263	105	368	.49	.19	.68
462B	400	530	141	196	337	.26	.36	.62
463A	50	454	121	29	150	.26	.06	.32
463B	50	454	90	37	127	.19	.08	.27
464A	100	365	145	48	193	.39	.13	.52
464B	200	365	74	106	180	.20	.29	.49
465A	50	381	75	21	96	.19	.05	.24
465B	100	381	118	74	192	.30	.19	.49
466A	300	942	213	130	343	.22	.13	.35
466B	300	942	248	193	441	.26	.20	.46
467A	200	762	132	99	231	.17	.12	.29

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
467B	200	762	192	127	319	.25	.16	.41
	64805	83812	42551	33926	76477	.50	.40	.91
104	700	457	224	72	296	.49	.15	.64
105	0	654	160	61	221	.24	.09	.33
106	0	911	598	232	830	.65	.25	.90
	700	2022	982	365	1347	.48	.18	.66
107	1700	1007	818	394	1212	.81	.39	1.20
108	0	574	472	271	743	.82	.47	1.29
109	0	243	255	136	391	1.04	.55	1.59
195	0	140	2	0	2	.01	.00	.01
	1700	1964	1547	801	2348	.78	.40	1.19
119	3500	412	687	574	1261	1.66	1.39	3.05
120	0	299	422	447	869	1.41	1.49	2.90
121	0	370	269	212	481	.72	.57	1.29
	3500	1081	1378	1233	2611	1.27	1.14	2.41
122	1001	240	320	146	466	1.33	.60	1.93
123	0	274	168	69	237	.61	.25	.86
124	0	276	184	84	268	.66	.30	.96
125	0	238	277	121	398	1.16	.50	1.66
	1001	1028	949	420	1369	.92	.40	1.33
126	750	471	233	100	333	.49	.21	.70
128	0	500	290	153	443	.58	.30	.88
129	0	208	87	28	115	.41	.13	.54
	750	1179	610	281	891	.51	.23	.75

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
167	1751	272	719	192	911	2.64	.70	3.34
168	0	560	958	356	1314	1.71	.63	2.34
169	0	657	1109	499	1608	1.68	.75	2.43
	1751	1489	2786	1047	3833	1.87	.70	2.57
170	2250	574	757	243	1000	1.31	.42	1.73
171	0	484	714	258	972	1.47	.53	2.00
172	0	509	1243	525	1768	2.44	1.03	3.47
173	0	544	871	352	1223	1.60	.64	2.24
174	0	363	497	146	643	1.36	.40	1.76
	2250	2474	4082	1524	5606	1.64	.61	2.26
175	4000	754	885	596	1481	1.17	.79	1.96
176	0	408	463	240	703	1.13	.58	1.71
177	0	413	362	216	578	.87	.52	1.39
178	0	455	402	222	624	.88	.48	1.36
179	0	659	855	522	1377	1.29	.79	2.08
	4000	2689	2967	1796	4763	1.10	.66	1.77
180	6000	749	840	566	1406	1.12	.75	1.87
181	0	585	746	532	1278	1.27	.90	2.17
182	0	549	605	476	1081	1.10	.86	1.96
183	0	932	1422	1038	2460	1.52	1.11	2.63
199	0	155	124	63	187	.80	.40	1.20
	6000	2970	3737	2675	6412	1.25	.90	2.15
197	750	629	483	204	687	.76	.32	1.08
198	0	426	312	137	449	.73	.32	1.05
	750	1055	795	341	1136	.75	.32	1.07
154	1200	117	380	163	543	3.24	1.39	4.63

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
155	0	362	642	268	910	1.77	.74	2.51
156	0	626	1223	361	1584	1.95	.57	2.52
	1200	1105	2245	792	3037	2.03	.71	2.74
157	1000	392	1119	344	1463	2.85	.87	3.72
158	0	502	1324	383	1707	2.63	.76	3.39
	1000	894	2443	727	3170	2.73	.81	3.54
211	800	743	750	264	1014	1.00	.35	1.35
212	0	1123	479	141	620	.42	.12	.54
213	0	643	6	0	6	.00	.00	.00
214	0	112	82	0	82	.73	.00	.73
	800	2621	1317	405	1722	.50	.15	.65
284	4000	544	977	621	1598	1.79	1.14	2.93
285	0	351	578	421	999	1.64	1.19	2.83
286	0	668	1317	1195	2512	1.97	1.78	3.75
287	300	53	113	158	271	2.13	2.98	5.11
	4300	1616	2985	2395	5380	1.84	1.48	3.32
244	2999	623	1117	721	1838	1.79	1.15	2.94
245	0	648	1238	988	2226	1.91	1.52	3.43
	2999	1271	2355	1709	4064	1.85	1.34	3.19
		0	0	0	0	.00	.00	.00
337	500	662	205	154	359	.30	.23	.53
	500	662	205	154	359	.30	.23	.54
432A	300	64	62	42	104	.96	.65	1.61
432B	701	64	41	69	110	.64	1.07	1.71

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

Table 13. Registered harvest, harvest/mi and antlerless success by Block and Permit Area, 1989

Permit Area #	Number of Permits	Area Size (SqMi)	No. in Harvest BUCKS	AL	TOTAL	Harvest/ Square Mile BUCKS	AL	TOTAL
433A		552	253	86	339	.45	.15	.60
433B		552	88	132	220	.15	.23	.38
434A		517	299	82	381	.57	.15	.72
434B		517	138	215	353	.26	.41	.67
	1001	2266	881	626	1507	.38	.27	.66
436A	100	338	140	15	155	.41	.04	.45
436B	300	338	71	73	144	.21	.21	.42
437A		456	200	40	240	.43	.08	.51
437B		456	100	141	241	.21	.30	.51
	400	1588	511	269	780	.32	.16	.49
438A	30	428	87	6	93	.20	.01	.21
438B	70	428	40	18	58	.09	.04	.13
439A		353	191	13	204	.54	.03	.57
439B		353	37	33	70	.10	.09	.19
	100	1562	355	70	425	.22	.04	.27
442A	250	576	266	68	334	.46	.11	.57
442B	400	576	142	113	255	.24	.19	.43
443A		502	220	71	291	.43	.14	.57
443B		502	129	114	243	.25	.22	.47
444A		244	61	15	76	.25	.06	.31
444B		244	63	29	92	.25	.11	.36
	650	2644	881	410	1291	.33	.15	.48
UNK			570	461	1031			
TOTAL	100157	117992	77132	52427	129559	.64	.44	1.08

BUCKS includes adult males and unidentified deer taken by both buck-only hunters and antlerless permit holders.

AL includes adult females and all fawns.

TABLE 14. 1989 FIREARMS REGISTERED DEER HARVEST BY KILL BLOCK AND Sub-DMU.

		ADULT		FAWN			
Sub-DMU	Block	Male	Female	Male	Female	UnID	Total
Red River West	401	202	123	23	54		402
	402	244	180	40	33		497
	Total	446	303	63	87	0	899
Red River East	403	291	185	49	29		554
	404	459	379	100	86		1024
	405	365	309	85	107		866
	406	307	236	82	78		703
	407	454	369	100	93		1016
	408	356	312	80	84		832
	Total	2232	1790	496	477	0	4995
Agassiz	201	117	56	16	9	1	199
	202	235	203	74	47	1	560
	203	159	89	29	24		301
	204	690	512	99	98		1399
	205	591	243	50	38		922
	206	430	357	76	60	1	924
	207	396	269	58	40	1	764
	208	157	89	22	21		289
	209	274	218	61	49		602
	210	409	315	97	61		882
	Total	3458	2351	582	447	4	6842
Rainy River West	211	750	202	32	30		1014
	212	479	101	24	16		620
	213	6					6
	214	82					82
	Total	1317	303	56	46	0	1722
Rainy River Central	104	224	55	10	7		296
	105	160	46	6	9		221
	106	598	170	34	28		830
	110	395	144	30	13		582
	Total	1377	415	80	57	0	1929
Rainy River East	107	818	317	47	30		1212

TABLE 14. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	108	472	212	35	24		743
	109	255	113	16	7		391
	195	2					2
	Total	1547	642	98	61	0	2348
Superior West	119	687	412	75	87		1261
	120	422	313	70	64		869
	121	269	149	35	28		481
	Total	1378	874	180	179	0	2611
Superior Wilderness	115	33		1	1		35
	116	17	1				18
	117	69	1		1		71
	118						0
	Total	119	2	1	2	0	124
Superior Central	122	320	108	20	18		466
	123	168	52	13	4		237
	124	183	70	6	8	1	268
	125	277	97	14	10		398
	Total	948	327	53	40	1	1369
Grand Portage I. R.	194						0
	Total	0	0	0	0	0	0
Superior East	126	233	85	8	7		333
	127	91	2	1			94
	128	290	133	10	10		443
	129	87	22	1	5		115
	130	18					18
	Total	719	242	20	22	0	1003
Itasca NW	167	719	151	24	17		911
	168	957	277	33	46	1	1314
	169	1109	369	70	60		1608
	Total	2785	797	127	123	1	3833

TABLE 14. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Itasca SW	170	757	200	24	19		1000
	171	714	194	42	22		972
	172	1242	391	86	48	1	1768
	173	871	267	47	38		1223
	174	497	113	14	19		643
	Total	4081	1165	213	146	1	5606
Itasca NE	175	885	439	76	81		1481
	176	463	177	33	30		703
	177	362	168	32	16		578
	178	402	164	26	32		624
	179	855	385	86	51		1377
	Total	2967	1333	253	210	0	4763
Itasca SE	180	840	416	81	69		1406
	181	746	404	75	53		1278
	182	605	325	80	71		1081
	183	1422	749	177	112		2460
	199	124	44	10	9		187
	Total	3737	1938	423	314	0	6412
Leech Lake Ind. Res	197	482	145	33	27		687
	198	312	107	13	17		449
	Total	794	252	46	44	0	1136
Bemidji	284	975	432	104	87		1598
	285	578	290	76	55		999
	286	1316	841	193	162		2512
	287	113	109	26	23		271
	Total	2982	1672	399	327	0	5380
Mille Lacs West	244	1117	479	142	100		1838
	245	1238	703	173	112		2226
	251	191	66	15	12		284
	Total	2546	1248	330	224	0	4348
Mille Lacs Central	246	2176	993	229	176	3	3577
	247	973	330	88	55	2	1448

TABLE 14. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	248	296	116	22	20		454
	249	799	257	71	35	1	1163
	Total	4244	1696	410	286	6	6642
Mille Lacs East	152	160	52	13	7		232
	154	379	115	32	16	1	543
	155	642	202	42	24		910
	156	1223	274	47	40		1584
	157	1119	243	67	34		1463
	158	1324	302	50	31		1707
	159	1643	533	93	58	1	2328
	Total	6490	1721	344	210	2	8767
W.E. Ind. Res.	297	148	27	5	3		183
	298	585	84	18	17		704
	Total	733	111	23	20	0	887
Big Woods North	409	734	553	186	173	1	1647
	410	1174	656	215	181	3	2229
	411	1139	656	200	183	2	2180
	412	947	571	196	124		1838
	413	690	318	104	88		1200
	414	755	300	81	77		1213
	415	445	194	74	59		772
	416	549	423	135	94	1	1202
	417	930	434	142	98	1	1605
	418	593	240	97	70		1000
	419	511	252	86	45		894
	Total	8467	4597	1516	1192	8	15780
Big Woods Central	221	513	144	31	26		714
	222	620	196	41	27	1	885
	223	370	211	55	42		678
	224	88	52	11	6		157
	225	1079	317	88	76	2	1562
	226	627	110	29	28		794
	Total	3297	1030	255	205	3	4790
Big Woods Metro N	227	443	296	105	73		917

TABLE 14. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	235	82	22	13	4		121
	236	385	149	25	25		584
	Total	910	467	143	102	0	1622
Big Woods Metro S	337	205	99	32	23		359
	338	330	93	16	34	1	474
	339	316	189	71	60		636
	Total	851	381	119	117	1	1469
Big Woods S.E.	341	650	526	184	145		1505
	342	639	485	157	118	1	1400
	343	653	415	129	86	1	1284
	344	547	349	125	105	3	1129
	345	653	361	116	117	2	1249
	346	984	838	240	185	1	2248
	347	621	436	146	78		1281
	348	758	556	165	111	1	1591
	349	1065	718	227	193	1	2204
	Total	6570	4684	1489	1138	10	13891
Prairie North	420	266	166	60	54		546
	421	303	127	28	38		496
	422	299	111	21	18		449
	423	289	143	42	36		510
	424	317	194	44	28		583
	425	119	52	12	5		188
	426	301	117	29	24		471
	427	267	119	19	21		426
	428	251	94	40	21		406
	Total	2412	1123	295	245	0	4075
Prairie River	431	279	140	40	35		494
	432	103	81	19	11		214
	433	341	155	36	27		559
	434	437	226	41	30		734
	436	211	56	17	15		299
	437	298	114	36	31	2	481
	438	127	19	3	2		151
	439	224	40	2	4	4	274
	442	407	130	26	25	1	589

TABLE 14. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	443	347	115	46	24	2	534
	444	124	37	5	2		168
	Total	2898	1113	271	206	9	4497
Prairie Southeast	446	277	128	26	22		453
	447	233	89	15	10		347
	448	325	101	24	15		465
	449	406	169	37	26		638
	450	185	83	14	10		292
	451	422	206	40	21		689
	452	259	188	28	29		504
	453	306	184	39	40		569
	454	469	310	68	50		897
	455	65	43	11	7		126
	456	316	172	37	40		565
	457	280	89	19	22	2	412
	458	263	140	21	18		442
	459	496	313	69	41		919
	Total	4302	2215	448	351	2	7318
Prairie Southwest	461	313	121	34	25		493
	462	404	202	62	37		705
	463	211	40	18	8		277
	464	219	97	24	33		373
	465	193	65	21	9		288
	466	460	220	45	58	1	784
	467	324	158	37	31		550
	Total	2124	903	241	201	1	3470
Unknown	UNK	400	413	105	112	1	1031
	Total	400	413	105	112	1	1031
Grand Totals		77131	36108	9079	7191	50	129559

Figure 4. Counties of Minnesota.

TABLE 15. Registered firearms kill by county, 1989.

County	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Aitkin	3092	949	215	156	1	4413
Anoka	471	225	93	61		850
Becker	1838	764	212	185	1	3000
Beltrami	2652	948	219	180		3999
Benton	290	63	21	14		388
Big Stone	321	176	43	37		577
Blue Earth	423	148	58	28	1	658
Brown	350	79	6	16	7	458
Carlton	1162	538	105	94		1899
Carver	195	80	12	17		304
Cass	3676	1369	306	192	2	5545
Chippewa	315	162	26	23		526
Chisago	828	217	59	53	2	1159
Clay	636	397	104	92		1229
Clearwater	1128	683	170	132		2113
Cook	391	156	11	14		572
Cottonwood	301	180	42	21		544
Crow Wing	1844	627	156	92	3	2722
Dakota	227	124	39	36		426
Dodge	240	111	39	35		425
Douglas	676	319	127	86		1208
Faribault	381	236	53	27	1	698
Fillmore	1487	1101	348	240	1	3177
Freeborn	418	202	43	55		718
Goodhue	831	577	218	153		1779
Grant	410	210	71	47		738
Hennepin	109	44	27	12		192
Houston	1349	1042	293	245	1	2930
Hubbard	1912	1160	279	207	1	3559
Isanti	636	206	56	54		952
Itasca	4119	1351	219	195	1	5885
Jackson	305	167	35	39		546
Kanabec	1397	342	68	35		1842
Kandiyohi	704	313	91	57	1	1166
Kittson	1015	745	159	144		2063
Koochiching	1842	606	103	76		2627
Lac Qui Parle	541	273	61	41		916
Lake	863	249	37	28		1177
Lake of the Woods	980	290	63	44		1377
LeSueur	264	100	26	17		407
Lincoln	409	143	41	22		615
Lyon	431	188	43	29		691
McLeod	215	105	27	18		365
Mahnomen	337	56	10	3		406
Marshall	1340	979	252	220	2	2793
Martin	270	152	23	22		467
Meeker	428	185	66	47		726
Mille Lacs	1000	266	77	42	1	1386

TABLE 15. Continued

County	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Morrison	1229	478	97	90		1894
Mower	307	136	31	28		502
Murray	406	241	55	54		756
Nicollet	267	69	12	16	1	365
Nobles	314	214	34	35		597
Norman	465	420	125	109		1119
Olmstead	619	394	117	68	2	1200
Ottertail	2835	1757	554	480	5	5631
Pennington	207	186	46	59		498
Pine	3595	1293	263	170	1	5322
Pipestone	241	116	18	8		383
Polk	1000	732	235	202		2169
Pope	638	423	131	102		1294
Ramsey	1					1
Red Lake	234	215	56	49		554
Redwood	368	132	29	23		552
Renville	458	159	45	41	2	705
Rice	365	155	50	36		606
Rock	179	126	23	23		351
Roseau	1345	711	153	121	2	2332
St. Louis	6704	3230	605	525	1	11065
Scott	232	85	13	31	1	362
Sherburne	521	292	71	51		935
Sibley	267	106	17	16		406
Stearns	942	439	167	102		1650
Steele	242	97	23	12		374
Stevens	339	178	51	46		614
Swift	616	382	108	58	1	1165
Todd	1237	517	170	155		2079
Traverse	292	108	22	18		440
Wabasha	889	692	209	166	1	1957
Wadena	1099	513	136	112	1	1861
Waseca	196	62	23	34		315
Washington	375	146	26	24		571
Watonwan	203	97	19	14		333
Wilkin	254	138	29	35		456
Winona	1672	1119	369	330	5	3495
Wright	427	172	60	32		691
Yellow Medicine	453	152	31	26		662
Non-Resident	1			2		3
Unknown	49	14	5	4	1	73
Totals	77132	36099	9080	7190	50	129551

This report includes bonus tags.

Table 16. 1989 Special Firearm Special Permit Area Information

Special Area	Dates	Permits Issued Reg.	Permits Issued Bonus	Deer Taken Adult Buck	Deer Taken Antlerless	Deer Taken Total
St. Croix S.P.	11/11-11/12	600	—	118	288	406
Lake Bronson S.P.	11/04-11/06	25	18	4	14	18
Wild River S.P.	11/11-11/12	127	—	24	68	92
Zippel Bay S.P.	11/04-11/12	50	33	12	40	52
Forestville S.P.	11/18-11/20	100	63	18	113	131
Frontenac S.P.	11/18-11/20	32	15	7	27	34
Lawrence/Belle Plaine SW	11/18-11/20	64	38	7	51	58
O.L. Kipp S.P.	11/18-11/20	100	57	14	66	80
Glacial Lakes S.P. & WPA	11/11-11/12	40	—	11	17	28
Maplewood S.P.	11/11-11/12	202	—	46	92	138
Fort Snelling S.P.* Minnesota Valley NWR*	11/04-11/12	109	61	0	32	32
Baker P.R.	11/18-11/19	82	—	13	38	51
Rice Lake NWR	11/11-11/13	101	—	14	28	42

*Fort Snelling State Park and Minnesota Valley National Wildlife Refuge were open for antlerless deer only. Permit and harvest information is combined for these areas.

Table 17. Statewide Bow and Arrow deer statistics, 1989.

Bow and Arrow licenses sold (1-31-90 report)[1]	66,668
Statewide Bow and Arrow registered deer kill[2]	9,541
Bow and Arrow hunter success by registration	14.3%
Bow and Arrow registered buck harvest[3]	4,503
Percent of total	47.2%
Bow and Arrow registered antlerless harvest	5,019
Percent of total	52.8%

[1]A total of 1,225 Metro bonus bow licenses is included.

[2]Includes Camp Ripley Special Hunt.

[3]Bucks include adult males and unidentified deer. Adult females and all fawns classed as antlerless deer.

TABLE 18. Archery deer harvest by county, 1989.

County	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Aitkin	60	95	16	13		184
Anoka	128	114	27	19		288
Becker	48	34	9	3		94
Beltrami	51	51	12	6		120
Benton	17	15	4	7		43
Big Stone	22	11	4	2		39
Blue Earth	76	60	11	1		148
Brown	43	21	10	2		76
Carlton	13	13	1	3		30
Carver	56	54	10	12		132
Cass	71	75	16	10		172
Chippewa	40	31	11	13	1	96
Chisago	75	58	17	11		161
Clay	88	47	4	8		147
Clearwater	18	9				27
Cook	6	7		1		14
Cottonwood	36	36	5	10		87
Crow Wing	82	88	13	13	1	197
Dakota	86	49	23	22		180
Dodge	47	42	10	4		103
Douglas	48	28	4	7		87
Faribault	35	18	10	3		66
Fillmore	57	38	12	13		120
Freeborn	62	25	10	7		104
Goodhue	66	31	14	11	1	123
Grant	21	15	4	4		44
Hennepin	77	69	27	17		190
Houston	69	31	7	7		114
Hubbard	43	62	12	11		128
Isanti	70	50	19	7		146
Itasca	59	80	14	16		169
Jackson	48	30	10	6		94
Kanabec	49	52	17	13		131
Kandiyohi	99	70	18	10		197
Kittson	37	18	3	8		66
Koochiching	15	16	1	3		35
Lac Qui Parle	51	44	16	9		120
Lake	20	16	5	1		42
Lake of the Woods	16	12	2	1		31
LeSueur	38	32	5	2		77
Lincoln	29	33	6	1		69
Lyon	59	34	7	7		107
McLeod	45	20	7	2		74
Mahnomen	9	3				12
Marshall	37	22	5	5		69
Martin	34	14	4	5		57
Meeker	65	35	9	10		119
Mille Lacs	25	30	8	7		70

TABLE 18. Continued

County	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Morrison	38	50	14	8		110
Mower	63	36	13	5		117
Murray	37	35	13	4		89
Nicollet	49	37	15	4		105
Nobles	31	16	6	3		56
Norman	18	6	7	3		34
Olmstead	71	30	11	5		117
Ottertail	135	82	17	19		253
Pennington	8	1				9
Pine	124	158	28	20		330
Pipestone	17	24	7	5		53
Polk	48	36	7	2		93
Pope	46	29	5	2		82
Ramsey	7	2	3			12
Red Lake	3	5	1	2		11
Redwood	41	25	8	3		77
Renville	49	24	3	2		78
Rice	41	38	13	16		108
Rock	23	16	1	2		42
Roseau	36	35	8	3		82
St. Louis	91	75	9	11		186
Scott	79	77	36	18		210
Sherburne	68	56	16	5		145
Sibley	29	24	11	6		70
Stearns	135	108	33	27		303
Steele	37	13	3	3		56
Stevens	13	5	1			19
Swift	42	33	13	8		96
Todd	78	49	19	16		162
Traverse	29	9	1	2		41
Wabasha	42	25	12	8		87
Wadena	30	21	13	4		68
Waseca	30	8	3	3		44
Washington	161	110	46	19		336
Watonwan	29	16	3	3		51
Wilkin	17	5	2	2		26
Winona	137	67	26	24		254
Wright	110	65	19	15		209
Yellow Medicine	47	31	11	3		92
Non-Resident						0
Unknown	10	3	1			14
Totals	4445	3323	917	638	3	9326

This report includes bonus tags.

Table 19. Archery deer harvest by county, 1981-1989.

County	1981	1982	1983	1984	1985	1986	1987	1988	1989
Aitkin	110	107	94	88	140	130	137	146	184
Anoka	169	147	156	168	258	247	278	288	288
Becker	46	52	65	63	67	62	55	88	94
Beltrami	97	130	109	108	126	101	135	141	120
Benton	18	28	29	25	35	36	36	54	43
Big Stone	38	38	42	56	49	39	32	44	39
Blue Earth	80	78	116	94	116	95	20	147	148
Brown	46	48	47	50	38	66	60	74	76
Carlton	30	31	20	30	45	22	26	38	30
Carver	30	34	49	50	65	53	77	111	132
Cass	108	131	118	147	141	151	125	132	172
Chippewa	138	78	92	90	92	82	84	128	96
Chisago	68	78	95	103	142	135	121	140	161
Clay	75	84	94	123	111	132	109	135	147
Clearwater	21	21	27	20	22	29	30	40	27
Cook	12	7	5	9	29	12	8	14	14
Cottonwood	87	73	99	54	90	75	70	82	87
Crow Wing	123	105	99	156	177	159	165	180	197
Dakota	46	51	64	99	124	167	174	173	180
Dodge	26	22	45	76	52	63	77	80	103
Douglas	64	53	77	68	86	79	72	87	87
Faribault	46	49	57	47	58	73	15	78	66
Fillmore	50	64	75	81	108	83	109	143	120
Freeborn	47	34	69	60	61	67	87	99	104
Goodhue	63	69	71	69	113	112	111	120	123
Grant	18	22	27	27	33	26	19	33	44
Hennepin	69	44	97	78	105	156	176	138	190
Houston	55	70	58	67	79	75	92	89	114
Hubbard	97	130	102	98	126	138	127	129	128
Isanti	83	83	82	83	97	102	82	116	146
Itasca	171	146	113	127	155	169	140	175	169
Jackson	47	44	46	42	59	54	61	74	94
Kanabec	35	66	51	49	76	61	76	80	131
Kandiyohi	95	96	111	116	108	141	127	168	197
Kittson	12	10	28	32	24	23	47	40	66
Koochiching	33	18	21	29	20	29	27	31	35
Lac Qui Parle	87	82	78	108	141	107	96	122	120
Lake	40	46	30	39	50	40	40	54	42
Lake of the Woods	13	13	14	22	24	22	21	30	31
LeSueur	38	31	39	52	37	62	42	77	77

Table 19. Continued.

County	1981	1982	1983	1984	1985	1986	1987	1988	1989
Lincoln	72	56	74	35	68	54	44	69	69
Lyon	94	74	110	72	104	104	82	113	107
McLeod	40	28	2	33	35	55	45	72	74
Mahnomen	4	7	5	6	9	8	4	2	12
Marshall	39	45	66	82	79	75	75	70	69
Martin	35	38	56	33	41	55	64	64	57
Meeker	44	43	37	54	59	61	76	102	119
Mille Lacs	40	57	35	63	51	40	64	55	70
Morrison[a]	66	158	127	108	114	66	104[a]	118[a]	110
Mower	55	42	80	64	113	121	105	123	117
Murray	130	83	61	39	90	71	86	88	89
Nicollet	80	67	65	52	64	88	50	75	105
Nobles	79	33	54	18	43	48	55	55	56
Norman	20	34	35	45	43	39	51	47	34
Olmsted	55	51	85	84	86	108	96	109	117
Ottertail	133	153	175	178	234	223	237	237	253
Pennington	12	18	15	19	12	19	15	6	9
Pine	166	171	134	166	229	186	201	262	330
Pipestone	40	30	67	1	42	53	55	57	53
Polk	50	78	70	102	98	102	110	136	93
Pope	49	64	57	56	63	70	67	96	82
Ramsey	2	1	0	21	14	33	2	6	12
Red lake	1	3	4	13	8	6	7	6	11
Redwood	81	63	82	63	72	68	63	75	77
Renville	55	63	59	32	62	60	66	61	78
Rice	45	51	39	54	56	59	93	77	108
Rock	38	31	14	22	51	39	51	44	42
Roseau	77	90	112	98	94	86	81	95	82
St. Louis	180	149	120	127	180	209	159	197	186
Scott	50	37	50	72	87	136	192	134	210
Sherburne	128	116	113	115	131	128	116	86	145
Sibley	41	30	32	43	43	44	46	46	70
Stearns	134	143	122	159	241	239	226	268	303
Steele	19	27	29	30	41	41	46	65	56
Stevens	11	21	27	26	25	20	26	28	19
Swift	67	49	67	59	68	67	84	94	96
Todd	95	109	103	126	169	141	127	147	162
Traverse	21	13	21	32	22	19	33	32	41
Wabasha	18	30	61	57	50	61	50	64	87
Wadena	45	69	70	64	43	62	43	60	68

Table 19. Continued.

County	1981	1982	1983	1984	1985	1986	1987	1988	1989
Waseca	46	35	55	42	27	36	3	46	44
Washington	75	91	88	154	174	196	189	283	336
Watonwan	34	30	35	20	39	39	45	39	51
Wilkin	26	34	39	34	34	32	29	38	26
Winona	116	138	117	151	234	196	224	221	254
Wright	71	78	83	95	92	115	112	140	209
Yellow Medicine	47	38	54	47	47	44	49	70	92
Unknown	25	63	23	34	37	70	17	22	14
Camp Ripley	153	129	237	387	278	257	284	241	215
Totals	5,535	5,566	5,977	6,390	7,575	7,610	7,535	8,759	9,541

[a]Camp Ripley not included.

TABLE 20. 1989 Bow and Arrow registered deer harvest by Kill Block and Sub-DMU.

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Red River West	401	37	6	4	4		51
	402	26	12	3			41
	Total	63	18	7	4	0	92
Red River East	403	13	11	1	2		27
	404	25	7	1	2		35
	405	10	5	2			17
	406	15	13	3	1		32
	407	36	27	8	10		81
	408	9	3	2	2		16
	Total	108	66	17	17	0	208
Agassiz	201	3	5	1			9
	202		3	2	1		6
	203	4	1				5
	204	9	7	1	3		20
	205	18	13	4			35
	206	3	5	1	3		12
	207	10	3	1			14
	208	2	3		1		6
	209	11	12		1		24
	210	4	3	1			8
	Total	64	55	11	9	0	139
Rainy River West	211	18	20	2	1		41
	212	5	4	1	1		11
	213						0
	214	2	1				3
	Total	25	25	3	2	0	55
Rainy River Central	104			1			1
	105		1				1
	106	6	7	1	1		15
	110	4	6		1		11
	Total	10	14	2	2	0	28
Rainy River East	107	5	6		1		12

TABLE 20. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	108	2	4				6
	109		1				1
	195						0
	Total	7	11	0	1	0	19
Superior West	119	1	3				4
	120	7	4				11
	121	3	5	1	2		11
	Total	11	12	1	2	0	26
Superior Wilderness	115		1				1
	116	1	1				2
	117	2	3				5
	118			1			1
	Total	3	5	1	0	0	9
Superior Central	122	6	5	1	1		13
	123	7	2				9
	124	2	2		1		5
	125	9	6	1	1		17
	Total	24	15	2	3	0	44
Grand Portage I. R.	194						0
	Total	0	0	0	0	0	0
Superior East	126	2	3	1			6
	127	2					2
	128	5	7	1	1		14
	129		1				1
	130	1					1
	Total	10	11	2	1	0	24
Itasca NW	167	6	9	1	1		17
	168	10	19	3	1		33
	169	18	23	5	6		52
	Total	34	51	9	8	0	102

TABLE 20. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
Itasca SW	170	19	23	4	8		54
	171	12	13	5	1		31
	172	25	29	5	3		62
	173	9	25	2	1		37
	174	10	9		2		21
	Total	75	99	16	15	0	205
Itasca NE	175	6	4	1	3		14
	176	6	5		1		12
	177	1	6		1		8
	178	12	4	2	1		19
	179	3	5	1	1		10
	Total	28	24	4	7	0	63
Itasca SE	180	25	23	4			52
	181	14	12	1	2		29
	182	11	12		1		24
	183	16	19	1	3		39
	199	1					1
	Total	67	66	6	6	0	145
Leech Lake Ind. Res	197	6	6	2			14
	198	2	1		1		4
	Total	8	7	2	1	0	18
Bemidji	284	27	23	7	5		62
	285	7	1				8
	286	29	42	6	5		82
	287	7	5	2	1		15
	Total	70	71	15	11	0	167
Mille Lacs West	244	23	26	6	1		56
	245	24	23	5	4		56
	251	1	1				2
	Total	48	50	11	5	0	114
Mille Lacs Central	246	50	48	16	6		120
	247	59	52	8	8	1	128

TABLE 20. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	248	16	7	4	4		31
	249	24	38	8	5		75
	Total	149	145	36	23	1	354
Mille Lacs East	152	4	3		2		9
	154	9	13	7	1		30
	155	16	24	4	6		50
	156	30	40	6	4		80
	157	31	44	14	11		100
	158	53	55	12	6		126
	159	73	106	15	12		206
	Total	216	285	58	42	0	601
W.E. Ind. Res.	297	7	2				9
	298	4	1	1	1		7
	Total	11	3	1	1	0	16
Big Woods North	409	38	24	7	7		76
	410	61	28	4	5		98
	411	47	36	6	6		95
	412	71	32	12	7		122
	413	68	39	9	12		128
	414	39	42	10	4		95
	415	61	44	15	11		131
	416	40	19	7	2		68
	417	106	79	18	14		217
	418	91	66	21	18		196
	419	110	67	23	21		221
	Total	732	476	132	107	0	1447
Big Woods Central	221	15	27	6	5		53
	222	14	9		7		30
	223	59	57	18	5		139
	224	5	1	2	1		9
	225	78	53	21	11		163
	226	82	71	18	8		179
	Total	253	218	65	37	0	573
Big Woods Metro N	227	90	73	19	10		192

TABLE 20. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	235	21	18	5	4		48
	236	185	127	52	25		389
	Total	296	218	76	39	0	629
Big Woods Metro S	337	102	98	30	22		252
	338	105	98	41	21		265
	339	88	48	24	22		182
	Total	295	244	95	65	0	699
Big Woods S.E.	341	50	22	12	6	1	91
	342	26	14	4	8		52
	343	77	27	12	4		120
	344	45	40	16	16		117
	345	55	25	10	4		94
	346	69	17	8	6		100
	347	37	24	7	8		76
	348	20	12	3	4		39
	349	47	25	5	5		82
	Total	426	206	77	61	1	771
Prairie North	420	41	21	2	4		68
	421	21	11	2	5		39
	422	31	8	1	2		42
	423	11	4		2		17
	424	11	9	1	1		22
	425	18	6	3	2	1	30
	426	28	20	6	1		55
	427	27	16	6	2		51
	428	68	32	9	5		114
	Total	256	127	30	24	1	438
Prairie River	431	11	5	5			21
	432	18	18	8	7		51
	433	40	23	10	10		83
	434	38	34	7	7		86
	436	24	20	4	1		49
	437	34	18	4	2		58
	438	21	12	2			35
	439	37	18	7	1		63
	442	64	51	19	9		143

TABLE 20. Continued

Sub-DMU	Block	ADULT Male	ADULT Female	FAWN Male	FAWN Female	UnID	Total
	443	47	37	10	2		96
	444	32	21	7	2		62
	Total	366	257	83	41	0	747
Prairie Southwest	446	17	17	9	3		46
	447	33	19	4	2		58
	448	20	22	5	1		48
	449	52	29	6	7		94
	450	14	7	4	3		28
	451	32	46	8	5		91
	452	28	18	2	3		51
	453	29	16	7	3		55
	454	48	45	15	10		118
	455	13	11	3	2		29
	456	47	34	10	6		97
	457	42	20	5	4		71
	458	33	18	3	4		58
	459	49	23	12	5		89
	Total	457	325	93	58	0	933
Prairie Southeast	461	32	30	7	4		73
	462	46	46	11	17		120
	463	22	13	1	2		38
	464	30	16	4	3		53
	465	46	33	8	4		91
	466	65	22	11	7		105
	467	69	48	16	6		139
	Total	310	208	58	43	0	619
Unknown	UNK	23	11	4	3		41
	Total	23	11	4	3	0	41
Grand Totals		4445	3323	917	638	3	9326

Table 21. 1989 Archery Special Permit Areas Information.

Special Area	Dates	Permits	DeerTaken Bucks	Antlerless	Total
Crow-Hasson PR	11/10-11/12	140	5	9	14
Murphy-Hanrehan PR	11/10-11/12	200	8	23	31
Cleary Lake PR	11/10-11/12	37	1	2	3
MN Valley NWR	9/16-12/31	1316	--	--	27
MN Valley/ Fort Snelling S.P.	11/04-11/12	29	0	3	3
Camp Ripley	10/17-10/18	2000	42	104	146
	10/28-10/29	2000	16	53	69

TABLE 22. Metro Bonus Bow Hunt results, 1989.

Registration Block Number	Harvest: regular license (bonus lic.) Adult Male	Adult Female	Fawn Male	Fawn Female	Totals	Percent Increase by Bonus
227	90 ( )	64 (9)	17 (2)	9 (1)	180 (12)	6.6%
235	21 ( )	17 (1)	4 (1)	4 ( )	46 (2)	4.3%
236	185 ( )	109 (18)	41 (11)	19 (6)	354 (35)	9.8%
337	102 ( )	65 (33)	22 (8)	15 (7)	204 (48)	23.5%
338	105 ( )	61 (37)	24 (17)	14 (7)	204 (61)	29.9%
339	87 (1)	38 (10)	20 (4)	14 (8)	159 (23)	14.4%
Totals	590 (1)	354 (108)	28 (43)	75 (29)	1147 (181)	15.7%

Table 23. Special Muzzleloader Season Harvest by Block, 1989.
(Includes Special Permit Areas)

Block	Adult Male	Adult Female	Fawn Male	Fawn Female	Total
152	5	13	2	5	25
157	1	14	4	3	22
159	2	11	4	1	18
169	0	7	3	4	14
173	0	1	0	0	1
174	0	0	1	0	1
175	0	1	0	0	1
179	1	2	0	0	3
180	0	1	1	0	2
182	1	3	0	0	4
183	0	3	1	0	4
201	3	3	0	1	7
202	1	0	1	1	3
211	4	6	2	4	16
225	0	0	0	1	1
227	0	1	0	0	1
235	10	15	2	2	29
245	8	22	5	4	39
246	0	2	1	0	3
249	0	1	0	1	2
339	0	0	1	2	3
342	2	4	1	1	8
344	17	35	33	30	115
345	0	0	0	1	1
348	0	0	2	0	2
416	1	0	5	0	6
424	0	1	0	0	1
431	1	1	0	1	3
432	23	72	33	18	146
433	7	12	4	3	26
434	1	1	2	0	4
436	0	2	0	0	2
455	3	5	10	13	31
489	2	3	2	3	10
495	0	10	9	9	28
499	8	19	9	5	41
TOTALS	101	271	138	113	622

Table 24. 1989 Muzzleloader Special Permit Area Data.

Area	Dates	Permits Issued[2]	Applications	Harvest: Bucks	Harvest: Antlerless	Harvest: Total
Carlos Avery WMA (Sanctuary)	11/25-12/01	20	56	No Data		
	12/02-12/10	20	64	No Data		
Cedar Rock WMA	11/25-12/01	19	10	0	2	2
Danvers WMA	11/25-12/01	14	14	0	0	0
	12/02-12/10	5	5	0	1	1
Helmer Myre S.P.[1]	11/25-11/28	76	176	8	33	41
LQP WMA/ Big Stone NWR	11/25-12/01	169	169	13	50	63
	12/02-12/10	269	269	19	97	116
Lake Shetek S.P.[3]	12/02-12/10	41	48	0	28	28
Talcot Lake WMA	11/25-12/01	41	22	2	10	12
	12/02-12/10	51	32	1	18	19
Walnut Lake WMA	11/25-12/01	22	14	1	5	6
	12/02-12/10	28	15	1	3	4
Glacial Lakes S.P.	12/06-12/10	30	35	1	5	6

[1]37 Bonus Licenses were issued for Helmer Myre State Park.

[2]For some hunts, permits issued is greater than the number of applications because hunters from over-subscribed areas were issued permits.

[3]Lake Shetek State Park hunters were restricted to shooting antlerless deer only.

Table 25. Special Muzzleloader Season Harvests, 1981-1989.

	1981	1982	1983	1984	1985	1986	1987	1988	1989
Carlos Avery WMA	53	31	57	22	23	41	31	57	30
Carlos Avery WMA (Sanctuary)	—	—	—	—	16	6			
Cedar Rock WMA	—	—	—	—	—	—	—	—	2
Chengwatana SF	—	—	1	1	4	5	5	8	19
Cloquet Valley SF	—	—	—	2	1	0	2	4	5
Danvers WMA	—	3	1	7	7	9	3	4	1
Elm Lake & Eckvoll WMA	—	—	—	—	—	—	—	3	—
Forestville SP	—	—	—	—	—	—	10	—	—
Fort Snelling SP	—	—	—	—	—	—	4	—	—
George Washington SF	—	—	5	14	16	17	4	11	15
Glacial Lake SP	—	—	—	—	—	—	—	18	6
Gores Pool WMA	—	—	5	5	1	2	3	3	3
Helmer Myre SP	—	—	—	—	—	—	—	—	41
Lac qui Parle WMA and Big Stone NWR	91	130	168	151	199	146	112	185	179
Lake Bronson SP	—	—	—	—	—	—	—	1	—
Lake Shetek SP	19	36	35	30	25	28	25	34	28
Land-O-Lakes SF	—	—	—	—	—	—	—	—	1
McCarthy Lake WMA	1	0	1	0	0	2	5	6	8
Meadowbrook WMA	3	4	11	6	6	1	4	2	3
Mille Lacs WMA	54	25	5	14	13	13	21	28	25
Nemadji SF	—	—	1	1	0	3	2	3	4
Nerstrand Woods SP	—	—	—	—	—	—	—	45	—
Paul Bunyan Game Refuge	—	—	19	33	27	28	27	38	39
Red Lake WMA and Beltrami Island SF	14	14	29	11	21	27	14	25	17
R.J. Dorer Memorial SF	7	32	10	6	1	2	0	1	3
Roseau River WMA	4	1	3	5	3	4	2	3	7
Rum River SF	—	—	3	1	7	5	6	24	24
Savanna SF	—	—	2	2	6	6	0	4	5
Talcot Lake WMA	16	61	137	13	43	19	29	45	31
Thief Lake WMA	12	6	5	7	8	2	6	3	2
Whitewater WMA	90	80	150	139	97	143	117	121	115
Whitewater Sanctuary	—	—	—	45	—	—	96	—	—
Walnut Lake WMA	5	0	4	6	5	6	7	10	10
Totals	385	441	652	532	563	593	535	686	622