

# Spring 2010 Wild Turkey Harvest Report

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July 19, 2010

In Minnesota, the spring wild turkey hunting season is designed to regulate harvest and distribute hunting pressure by allocating permits across 77 permit areas (PAs, Figure 1) and 8 time periods using a quota system. Hunters interested in pursuing wild turkeys were required to apply for a permit through a drawing based on a system of preference. Preference is determined by the number of years a valid but unsuccessful application has been submitted since last receiving a permit. Hunters may apply individually or in a group of up to 4 hunters. Successful applicants are notified through mail, and unsuccessful applicants are awarded a preference point. The goal of this system is to provide quality turkey hunting opportunities where turkey populations can sustain harvest.

For the 2010 spring hunting season there were 4 notable regulation changes: (1) all youth age 17 and younger by April 14, 2010 could purchase a youth permit over the counter to hunt any single time period and permit area of their choice; (2) hunters had the option to register their turkey over the phone, using the internet, or at a registration station; (3) the second choice option was eliminated from the application; and (4) the number of permits available for the last 2 time periods (G and H) was increased by 110% from 10,582 (2009) to 22,250 (2010). All surplus licenses remaining after the drawing were offered over the counter in mid-March on a first-come, first-served basis.

Eight types of hunting licenses were available to resident turkey hunters: (1) general lottery permit in which an applicant or a group of up to 4 hunters applied for a specific PA and time period; (2) landowner permit in which up to 20% of permits for each PA and time period were reserved for landowners or tenants who lived on 40 acres or more of land within the PA; (3) youth permit; (4) archery permit which could be purchased for the last 2 time periods of any PA with 50 or more permits per period; (5) youth archery; (6) surplus permits; (7) youth surplus; and (8) military permit.

During 2010 we received 51,312 applications for 55,982 permits (Table 1, Figure 2). More than 46,500 general lottery, landowner, youth, and surplus permits were issued to hunters, and more than 2,900 additional permits were issued to archers (Table 1). Hunters registered almost 13,500 turkeys, an increase of 10% from 2009 and the highest turkey harvest on record (Table 1, Figure 2). Hunter success averaged 29% (Table 1), which is below the 5-year average of 32%. Hunter success by PA ranged from 13% (PA 459) to 40% (PA 422; Table 2). Hunter success varied by license type from 7% (archery) to 31% (youth), 36% (general lottery and landowner), and 42% (surplus). Similar to the 10-year average, hunter success rates were highest during the first 2 time periods (Table 3). The majority of general lottery (71%), landowner (92%), and youth (79%) permits were issued during time periods A – D, while the majority of surplus permits (98%) were issued during time periods E – H (Table 4). The 8,490 permits issued to resident and non-resident youth hunters (general lottery, surplus, archery, and

mentored) in 2010 was a 69% increase over the 5,024 youth permits issued in 2009. Approximately 10% (1,398) of harvested turkeys were registered using the phone registration system, 12% (1,662) through the internet, and 77% (10,407) at a registration station.

Among turkey management units (TMU), success rates in 2010 were relatively uniform (range 26-32%) except in TMUs A and B, which were slightly lower (23%, Table 5). A plot of success rates in TMUs A and B suggests that populations appear to be fluctuating around a stable mean or declining slowly (Figure 3). Success rates during 2010 declined from the average in all TMUs (Table 5, Figure 3). Although the uniform decline in success rates in 2010 may be an artifact of the unusually large increase in permits issued in 2010 (Figure 2), the trend in hunter success should be carefully monitored into the future.

Overall weather conditions for the 2010 spring turkey hunting season were favorable across much of the turkey range in Minnesota. April and May were relatively dry across much of Minnesota, except for the Red River Valley where major flooding occurred in late March and continued through April (Minnesota Climatology Working Group 2010). April temperatures were above average and May temperatures were near historic averages (Minnesota Climatology Working Group 2010). Although favorable weather generally contributes to increased harvest, the continued increase in harvest can be partially attributed to the increase in the number of permits available (i.e., 32% overall increase in the number of permits available with the majority of increase in time Periods G and H and a 10% increase in registered harvest) from 2009, 1 new PA open to hunting (PA 247), and youth hunters being able to purchase permits over the counter. Increased permits and permit areas resulted in more opportunities for hunters to harvest turkeys.

## **Literature Cited**

Dunton, E., and J. Snyders. 2009. Fall wild turkey population survey, 2008. Minnesota Department of Natural Resources, St. Paul, MN, Agency Report.

Minnesota Climatology Working Group. 2010. Climate journal. <http://climate.umn.edu/> Accessed 8 July 2010.

Table 1. Spring applicants, permits available and issued, and registered harvest from 1978 – 2010 for all spring wild turkey hunting seasons, Minnesota.

Year	Applicants	Permits			Registered harvest	Success (%) <sup>a</sup>
		Available	Issued	Issued (%)		
1978	10,740	420	411	97.9	94	22.9
1979	11,116	840	827	98.5	116	14.0
1980	9,613	1,200	1,191	99.3	98	8.2
1981	8,398	1,500	1,437	95.8	113	7.9
1982	7,223	2,000	1,992	99.6	106	5.3
1983	8,153	2,100	2,079	99.0	116	5.6
1984	7,123	3,000	2,837	94.6	178	6.3
1985	5,662	2,750	2,449	89.1	323	13.2
1986	5,715	2,500	2,251	90.0	333	14.8
1987	6,361	2,700	2,520	93.3	520	20.6
1988	8,402	3,000	2,994	99.8	674	22.5
1989	13,007	4,000	3,821	95.5	930	24.3
1990	14,326	6,600	6,126	92.8	1,709	27.9
1991	15,918	9,170	8,607	93.9	1,724	20.0
1992	16,401	9,310	9,051	97.2	1,691	18.7
1993	17,800	9,625	9,265	96.3	2,082	22.5
1994	19,853	9,940	9,479	95.4	1,975	20.8
1995	21,345	9,975	9,550	95.7	2,339	24.5
1996	23,757	12,131	10,983	90.5	2,841	25.9
1997	25,958	12,530	11,610	92.7	3,302	28.4
1998	29,727	14,035	13,229	94.3	4,361	33.0
1999	39,957	18,360	16,387	89.3	5,132	31.3
2000	42,022	20,160	18,661	92.6	6,154	33.0
2001	41,048	22,936	21,404	93.3	6,383	29.8
2002	42,415	24,136	22,607	93.7	6,516	28.8
2003	44,415	25,016	22,770	91.0	7,666	33.7
2004	48,059	27,600	25,261	91.5	8,434	33.4
2005	49,181	31,748	27,638	87.1	7,800	28.2
2006	45,704	32,624	27,876	85.4	8,241	29.6
2007 <sup>b</sup>	52,566	33,976	28,320	83.4	9,412	33.2
2008 <sup>b</sup>	51,000	37,992	31,942	84.1	10,994	34.4
2009 <sup>b</sup>	57,692	42,328	36,193	85.5	12,210	33.7
2010 <sup>b</sup>	51,312	55,982	46,548 <sup>c</sup>	83.0	13,467	29.0

<sup>a</sup> Success rates not adjusted for non-participation

<sup>b</sup> Youth hunt data included

<sup>c</sup> 2,910 permits were issued to archery hunters and are not included in this figure.

Table 2. Permits available and issued, registered harvest, success, and historic success rates by permit area for the 2010 spring wild turkey season, Minnesota.

Permit area	Permits		2010		Historic mean <sup>d</sup>	
	Available	Issued <sup>a</sup>	Registered harvest <sup>b</sup>	Success (%) <sup>c</sup>	Success (%)	<i>n</i>
152	80	46	16	35	31	2
156	150	176	57	32	47	2
157	650	738	247	33	46	6
159	240	259	63	24	36	6
183	80	83	12	14	29	2
213	1000	1045	313	30	46	3
214	1000	784	259	33	38	6
215	1180	1224	365	30	43	11
218	1120	1262	442	35	50	3
219	590	670	194	29	31	11
221	700	678	222	33	51	5
222	630	532	148	28	44	5
223	1000	1076	314	29	36	11
225	1440	1216	309	25	27	11
227	1400	1252	333	27	34	11
229	470	396	90	23	25	10
235	240	220	46	21	34	11
236	1560	1277	398	31	39	11
239	1310	1294	363	28	43	8
240	1160	957	320	33	40	5
241	360	294	84	29	42	2
242	80	38	12	32	38	1
243	240	226	72	32	40	2
244	500	496	146	29	34	8
246	300	353	111	31	59	1
247 <sup>e</sup>	80	74	25	34	0	0
248	580	385	110	29	43	6
249	560	543	160	29	32	7
262	180	80	24	30	44	2
266	180	57	14	25	64	1
338	1100	1017	298	29	33	9
339	1070	913	269	29	35	9
341	2210	2105	646	31	34	9
342	2150	1396	375	27	27	9
343	2000	1875	646	34	41	9
344	1250	1001	229	23	27	11

Table 2. Continued

Permit area	Permits		2010		Historic mean <sup>d</sup>	
	Available	Issued <sup>a</sup>	Registered harvest <sup>b</sup>	Success (%) <sup>c</sup>	Success (%)	<i>n</i>
345	1500	915	206	23	22	9
346	2600	1565	413	26	25	11
347	1500	1114	278	25	27	9
348	1650	1231	273	22	25	9
349	3600	2372	513	22	24	11
412	560	486	137	28	42	3
416	240	248	72	29	39	10
417	630	701	222	32	43	3
420	180	74	18	24	37	6
421	112	29	6	21	35	2
422	380	167	66	40	46	11
423	80	13	2	15	21	2
424	140	62	15	24	32	5
425	590	684	202	30	39	6
426	80	39	12	31	24	9
427	180	146	45	31	34	9
428	540	377	124	33	43	9
431	180	112	37	33	41	11
433	240	204	43	21	51	6
440	750	643	209	33	32	11
442	1590	1554	504	32	35	11
443	910	592	156	26	32	11
446	140	109	31	28	39	5
447	140	78	17	22	27	5
448	180	128	35	27	52	6
449	180	183	65	36	47	6
450	180	101	32	32	29	11
451	240	124	25	20	47	7
454	80	87	29	33	34	5
456	80	28	5	18	11	5
457	180	98	27	28	35	11
458	140	49	16	33	30	5
459	300	220	28	13	25	11
461	1280	1159	380	33	34	11
462	1350	1011	367	36	37	9

Table 2. Continued

Permit area	Permits		2010		Historic mean <sup>d</sup>	
	Available	Issued <sup>a</sup>	Registered harvest <sup>b</sup>	Success (%) <sup>c</sup>	Success (%)	<i>n</i>
463	350	301	67	22	30	11
464	470	349	92	26	29	9
465	470	279	83	30	28	9
466	910	594	150	25	32	8
467	690	555	135	24	35	8
601	1550	1632	557	34	39	10

<sup>a</sup> 2,910 permits were issued to archery hunters and 97 permits were issued for the Camp Ripley disabled veterans hunt and are not included in these figures

<sup>b</sup> 41 turkeys were registered from the Camp Ripley disabled veterans hunt and are not included in these figures

<sup>c</sup> Success rates not adjusted for non-participants

<sup>d</sup> Mean success rate (%) over all spring turkey seasons (*n*) between 1999 – 2009 or since a permit area boundary change occurred.

<sup>e</sup> New permits area for the 2010 spring season

Table 3. Permits available and issued, registered harvest, and success (2010 and mean) by time period for the 2010 spring wild turkey season, Minnesota.

Time period <sup>a</sup>	Permits		2010		2000 – 2009 Mean success (%)
	Available	Issued	Registered harvest	Success (%) <sup>b</sup>	
A	5622	7910	3180	40	43
B	5622	5298	1903	36	39
C	5622	6942	2107	30	31
D	5622	6282	1711	27	29
E	5622	5353	1484	28	33
F	5622	4327	898	21	29
G	11125	7085	1502	21	25
H	11125	3254	634	19	24
Youth hunt <sup>c</sup>					
Z		12	7	58	
Camp Ripley <sup>d</sup>					
802A		6	5	83	
801B		33	11	33	
802B		3	1	33	
801C		43	24	56	

<sup>a</sup> A = April 14 – 18, B = April 19 – 23, C = April 24 – 28, D = April 29 – May 3, E = May 4 – 8, F = May 9 – 13, G = May 14 – 20, and H = May 21 – 27

<sup>b</sup> Success rates not adjusted for non-participants

<sup>c</sup> In 2010 mentored youth hunts are coded to time period A due to regulation change which allowed youth hunters to purchase permits over the counter

<sup>d</sup> Disabled veterans hunt

Table 4. Permits available and issued by license type (resident and non-resident) and time period for the spring 2010 wild turkey season, Minnesota.

Time period	Permits available	Permits issued			
		General lottery	Landowner	Surplus	Youth <sup>b</sup>
A	5622	4315	690	35	2870
B	5622	4430	376	88	404
C	5622	4525	378	44	1995
D	5622	4609	194	60	1419
E	5622	2674	53	2225	401
F	5622	1422	23	2611	271
G	11125	2557	46	3731	751
H	11125	767	17	2103	367
Total <sup>a</sup>	55982	25299	1777	10897	8478

<sup>a</sup>Total excludes 97 permits issued for the Camp Ripley disabled veterans hunt

<sup>b</sup>Total excludes 12 permits issued for a mentored youth hunt in PA 343 (Time Period Z)



Table 5. Permits available and issued, registered harvest, success (2010 and mean), and mean finite rate of population change (Dunton and Snyders 2009) by Turkey Management Unit (TMU) for the 2010 spring wild turkey season, Minnesota.

TMU <sup>a,b</sup>	Permits		2010		Mean success <sup>c</sup>		Mean finite rate of change <sup>f</sup>	
	Available	Issued <sup>d</sup>	Registered harvest <sup>d</sup>	Success (%)	%	<i>n</i>	$\lambda$	99% CI <sup>g</sup>
A	9350	6083	1405	23	24	9	0.99*	(0.94, 1.04)
B	1250	1001	229	23	27	11	0.98	(0.89, 1.07)
C	7860	6490	1945	30	32	9	0.99	(0.91, 1.09)
D	5850	5398	1632	30	36	9	1.06*	(1.04, 1.07)
E	2640	2518	704	28	33	2	1.15*	(1.09, 1.20)
F	6590	5161	1543	30	35	8	1.03	(0.96, 1.12)
G	1840	1205	310	26	33	5	1.07*	(1.02, 1.11)
H	4260	3789	1151	30	34	6	1.03	(0.95, 1.13)
I	800	562	181	32	37	9	1.08	(0.99, 1.19)
J	3050	2941	881	30	40	1	1.11	(0.96, 1.30)
K	3990	4253	1313	31	43	3	1.09	(0.99, 1.20)
L	3110	3073	885	29	43	3	1.15	(0.91, 1.45)
M	892	345	107	31	36	2	1.18	(1.01, 1.37)
N	4140	3495	1102	32	39	1	1.18	(0.93, 1.51)
O	360	137	38	28	48	1	1.17	(0.70, 1.97)
P <sup>c</sup>	-	-	-	-	-	-	1.12	-

<sup>a</sup>TMU A = permits areas (345, 346, 348, 349), TMU B = permit area (344), TMU C = permit areas (341, 342, 343, 347), TMU D = permit areas (227, 235, 236, 338, 601), TMU E = permit areas (152, 156, 157, 159, 183, 225), TMU F = permit areas (339, 461, 462, 464, 465, 466, 467), TMU G = permit areas ( 446, 447, 448, 449, 450, 451, 454, 456, 457, 458, 459), TMU H = permit areas (431, 433, 435, 440, 442, 443), TMU I = permit areas (425, 426, 427, 428), TMU J = permit areas (154, 221, 222, 223, 224, 242, 247, 249), TMU K = permit areas ( 215, 218, 219, 229, 417), TMU L = permit areas (213, 239, 412, 416), TMU M = permit areas ( 420, 421, 422, 423, 424), TMU N = permit areas (214, 240, 241, 243, 244, 245, 246, 248), TMU O = permit areas ( 201, 208, 209, 210, 251, 256, 257, 260, 261, 262, 263, 264, 265, 266, 267, 268, 298), TMU P = permit areas (170, 172, 174, 181, 182, 184, 197, 199, 287).

<sup>b</sup>Not all permit areas in a TMU are open to spring hunting

<sup>c</sup>TMU P currently does not have any permit areas open for spring hunting

<sup>d</sup>Total excludes 97 permits issued and 41 turkeys registered from the Camp Ripley disabled veterans hunt

<sup>e</sup>Mean success rate based on consecutive number of years hunting in permit area since a boundary change occurred or area was opened to hunting. Mean success rate based on areas open to hunting, which may not represent all permit areas within a TMU.

<sup>f</sup>Mean finite rate of change based on fall wild turkey population survey data (1999-2008 [*n* = 4 surveys]), TMU P based on 2 surveys.

<sup>g</sup>85% family of confidence intervals (type I error rate controlled at  $\alpha = 0.15$ ).

\*Desired level of precision achieved

# 2010 Spring Wild Turkey Permit Areas

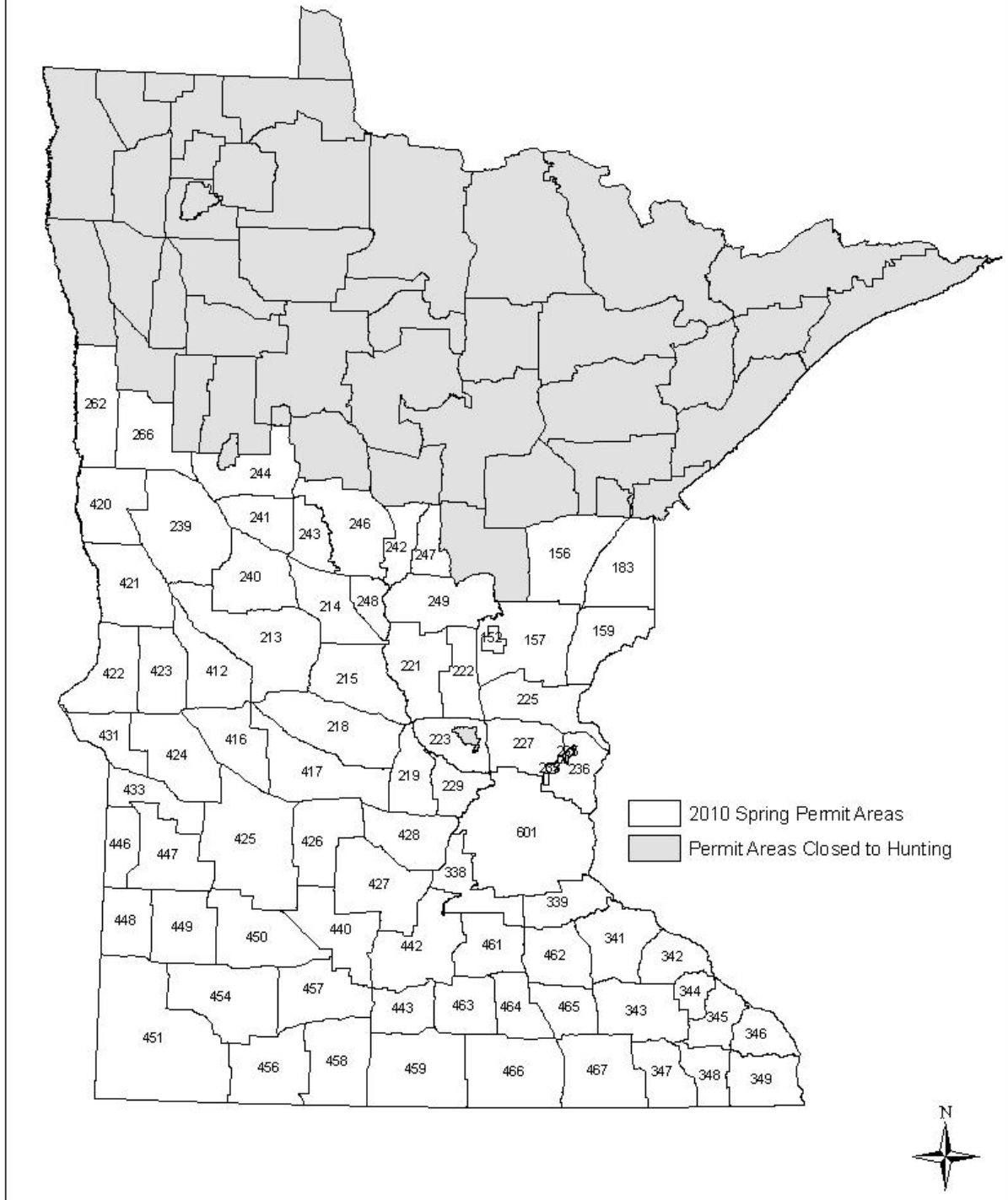


Figure 1. Permit areas open for hunting during the 2010 spring turkey hunting season, Minnesota.

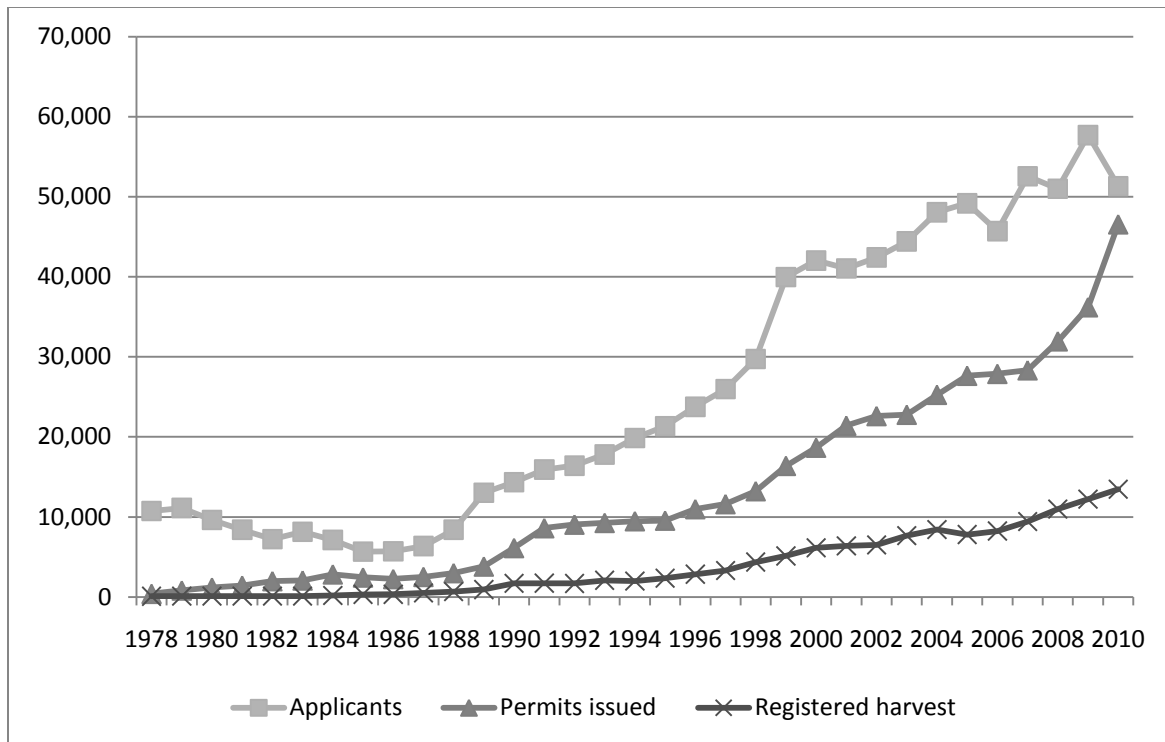


Figure 2. Applicants, permits issued, and registered harvest for the spring wild turkey seasons 1978-2010, Minnesota.

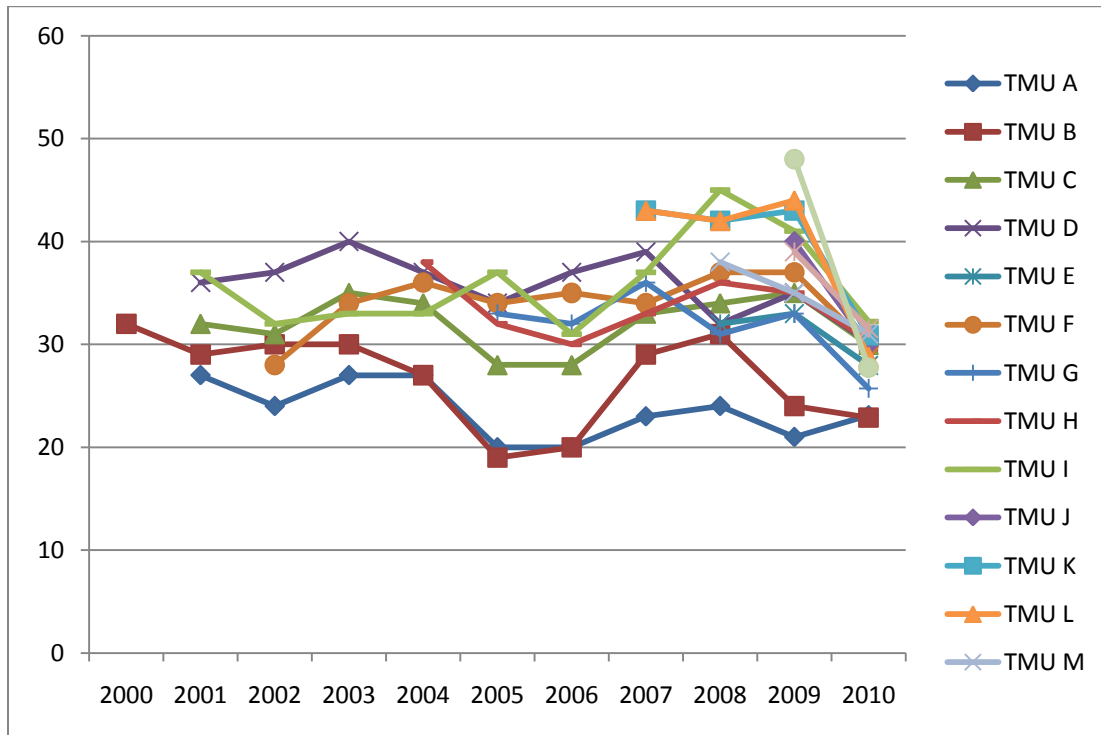


Figure 3. Mean success rate (%) for turkey management units (TMUs) based on cumulative permit area success rates since a boundary change occurred or permit areas opened for hunting, Minnesota.

Appendix A. Permits available, applicants, and permits issued by license type and permit area for time periods A – F for the 2010 spring wild turkey season, Minnesota.

Permit area	Available	Permits issued			
		General Lottery	Landowner	Surplus	Youth
152	30	18	0	6	3
156	90	63	12	0	40
157	450	292	27	71	140
159	120	93	11	6	28
183	30	25	3	0	6
213	600	402	63	68	194
214	600	359	25	146	98
215	780	528	34	143	232
218	720	503	52	103	278
219	390	275	18	58	149
221	450	285	24	98	131
222	330	229	21	45	99
223	600	427	25	95	225
225	990	586	66	206	177
227	900	593	25	187	242
229	270	163	11	68	77
235	120	98	0	13	43
236	960	616	23	192	243
239	810	532	60	114	176
240	660	431	45	116	147
241	180	112	8	39	52
242	30	7	0	14	9
243	120	67	13	22	33
244	300	209	23	34	81
246	150	96	18	30	68
247	30	14	2	6	14
248	330	194	21	51	68
249	360	223	20	67	86
262	90	25	1	26	18
266	90	22	0	24	6
338	600	384	46	122	203
339	570	391	28	96	155
341	1410	1009	69	175	314
342	1350	855	56	169	165
343	1200	852	82	169	359
344	750	567	32	72	125

## Appendix A. Continued

Permit area	Permits available	Permits issued			
		General lottery	Landowner	Surplus	Youth
345	900	552	37	105	112
346	1800	1071	76	113	182
347	900	610	34	95	161
348	1050	695	44	134	131
349	2400	1533	87	218	242
412	360	244	17	62	56
416	120	88	13	14	40
417	330	244	27	25	100
420	90	26	1	30	3
421	42	13	0	13	2
422	180	105	1	21	17
423	30	6	0	6	0
424	60	34	2	12	7
425	390	285	36	45	99
426	30	16	3	10	1
427	90	68	10	7	24
428	240	158	18	35	62
431	90	60	6	13	12
433	120	82	8	19	32
440	450	302	29	72	111
442	990	656	89	158	262
443	510	332	16	71	92
446	60	45	8	4	10
447	60	33	3	11	6
448	90	53	10	17	13
449	90	69	9	5	36
450	90	44	5	17	18
451	120	55	1	31	16
454	30	22	2	3	9
456	30	15	1	5	4
457	90	51	5	15	12
458	60	20	0	20	2
459	150	96	7	23	33
461	780	529	45	144	197
462	750	501	33	119	160

Appendix A. Continued

Permit area	Available	Permits issued			
		General lottery	Landowner	Surplus	Youth
463	210	138	15	34	42
464	270	171	1	57	63
465	270	168	2	44	27
466	510	305	14	97	78
467	390	243	21	79	102
601	1050	692	14	209	300
Total <sup>a</sup>	33732	21975	1714	5063	7360

<sup>a</sup>Total excludes 97 permits issued for the Camp Ripley disabled veterans hunt

Appendix B. Permits available, applicants, and permits issued by license type and permit area for time periods G - H for the 2010 spring wild turkey season, Minnesota.

Permit area	Permits available	Permits issued			
		General lottery	Landowner	Surplus	Youth
152	50	0	0	18	1
156	60	28	2	20	11
157	200	67	2	118	21
159	120	61	1	53	6
183	50	33	1	12	3
213	400	105	3	176	34
214	400	52	5	81	18
215	400	69	1	187	30
218	400	107	2	181	36
219	200	44	0	104	22
221	250	48	1	75	16
222	300	51	2	68	17
223	400	64	0	212	28
225	450	42	1	118	20
227	500	54	1	125	25
229	200	13	1	52	11
235	120	11	0	46	9
236	600	65	0	110	28
239	500	110	1	257	44
240	500	66	0	128	24
241	180	28	1	47	7
242	50	4	0	4	0
243	120	30	1	51	9
244	200	34	0	103	12
246	150	64	2	64	11
247	50	22	0	16	0
248	250	20	1	28	2
249	200	38	0	98	11
262	90	2	0	5	3
266	90	3	0	1	1
338	500	90	3	144	25
339	500	71	0	144	28
341	800	175	3	316	44
342	800	36	0	86	29
343	800	139	2	232	40
344	500	65	2	122	16

## Appendix B. Continued

Permit area	Permits available	Permits issued			
		General lottery	Landowner	Surplus	Youth
345	600	25	0	69	15
346	800	40	1	66	16
347	600	59	1	116	38
348	600	81	0	115	31
349	1200	154	0	113	25
412	200	41	1	56	9
416	120	29	0	60	4
417	300	106	2	169	28
420	90	8	0	5	1
421	70	1	0	0	0
422	200	12	0	9	2
423	50	1	0	0	0
424	80	0	0	7	0
425	200	92	1	91	35
426	50	3	1	4	1
427	90	14	0	19	4
428	300	26	0	70	8
431	90	12	0	6	3
433	120	20	1	34	8
440	300	46	0	72	11
442	600	135	6	208	40
443	400	30	0	41	10
446	80	17	0	18	7
447	80	8	0	15	2
448	90	10	1	21	3
449	90	17	2	42	3
450	90	6	0	7	4
451	120	11	0	9	1
454	50	16	1	26	8
456	50	2	0	1	0
457	90	9	0	5	1
458	80	2	0	2	3
459	150	28	0	27	6
461	500	67	1	153	23
462	600	75	2	100	21



Appendix B. Continued

Permit area	Permits available	Permits issued			
		General lottery	Landowner	Surplus	Youth
463	140	14	0	49	9
464	200	14	0	32	11
465	200	8	0	23	7
466	400	22	0	60	18
467	300	42	3	54	11
601	500	110	0	258	49
Total <sup>a</sup>	22250	3324	63	5834	1118

<sup>a</sup>Total excludes 97 permits issued for the Camp Ripley disabled veterans hunt

Appendix C. Permits available and issued, registered harvest by hunting license type and permit area for the 2010 spring wild turkey season, Minnesota.

Permit Area	Permits		Registered harvest by hunting license type									
	Available	Issued	601 <sup>a</sup>	602 <sup>b</sup>	606 <sup>c</sup>	607 <sup>d</sup>	608 <sup>e</sup>	610 <sup>f</sup>	611 <sup>g</sup>	613 <sup>h</sup>	614 <sup>i</sup>	615 <sup>j</sup>
152	80	46	3	0	0	0	0	8	0	5	0	0
156	150	176	20	0	0	0	0	28	1	8	0	0
157	650	738	49	1	0	4	0	153	1	38	0	1
159	240	259	8	0	0	2	0	46	0	7	0	0
183	80	83	2	0	0	0	0	10	0	0	0	0
213	1000	1045	75	0	0	6	0	196	3	33	0	0
214	1000	784	39	0	1	1	0	161	1	55	0	1
215	1180	1224	74	0	1	9	0	198	1	82	0	0
218	1120	1262	86	0	0	13	0	263	0	80	0	0
219	590	670	52	0	0	3	0	110	0	29	0	0
221	700	678	38	0	0	4	0	142	1	37	0	0
222	630	532	17	0	0	5	0	97	4	25	0	0
223	1000	1076	74	0	0	15	0	167	0	57	0	1
225	1440	1216	41	0	0	7	0	204	0	56	0	1
227	1400	1252	61	0	0	8	0	209	2	53	0	0
229	470	396	21	0	0	1	0	55	0	13	0	0
235	240	220	11	0	0	2	0	25	1	7	0	0
236	1560	1277	77	2	1	13	0	242	2	60	1	0
239	1310	1294	58	0	0	4	0	232	2	67	0	0
240	1160	957	54	2	0	3	0	192	4	65	0	0
241	360	294	20	0	0	0	0	47	0	17	0	0
242	80	38	1	0	0	0	0	7	0	4	0	0
243	240	226	11	0	0	0	0	40	0	21	0	0
244	500	496	20	1	0	3	0	101	1	20	0	0
246	300	353	29	0	0	1	0	60	0	21	0	0
247	80	74	3	0	0	0	0	16	0	6	0	0
248	580	385	19	0	0	0	0	76	0	15	0	0
249	560	543	26	0	0	1	0	97	0	36	0	0
262	180	80	8	0	0	0	0	9	0	7	0	0
266	180	57	4	0	0	0	0	7	0	3	0	0
338	1100	1017	72	1	0	2	0	183	1	39	0	0
339	1070	913	45	0	0	3	0	168	2	51	0	0
341	2210	2105	99	0	1	5	1	425	11	104	0	0
342	2150	1396	45	1	0	3	0	284	5	36	1	0
343	2000	1875	135	1	0	15	0	398	6	87	2	2
344	1250	1001	27	0	1	1	0	171	5	23	1	0

## Appendix C. Continued

Permit area	Permits		Registered harvest by hunting license type									
	Available	Issued	601 <sup>a</sup>	602 <sup>b</sup>	606 <sup>c</sup>	607 <sup>d</sup>	608 <sup>e</sup>	610 <sup>f</sup>	611 <sup>g</sup>	613 <sup>h</sup>	614 <sup>i</sup>	615 <sup>j</sup>
345	1500	915	24	0	0	1	0	153	3	25	0	0
346	2600	1565	39	0	0	0	0	332	7	34	1	0
347	1500	1114	38	0	0	1	0	198	5	36	0	0
348	1650	1231	27	0	0	1	0	197	11	36	0	1
349	3600	2372	44	1	1	0	0	401	23	43	0	0
412	560	486	15	0	0	1	0	92	0	29	0	0
416	240	248	12	0	0	0	0	44	0	16	0	0
417	630	701	37	0	0	4	0	134	0	46	1	0
420	180	74	2	0	0	0	0	11	0	5	0	0
421	112	29	0	0	0	0	0	3	0	3	0	0
422	380	167	6	0	0	0	0	45	1	13	0	1
423	80	13	0	0	0	0	0	2	0	0	0	0
424	140	62	1	0	0	0	0	9	0	5	0	0
425	590	684	31	0	0	5	0	142	1	22	0	1
426	80	39	0	0	0	0	0	9	0	3	0	0
427	180	146	12	0	0	0	0	29	0	4	0	0
428	540	377	20	0	0	3	0	75	0	26	0	0
431	180	112	5	0	0	0	0	28	0	3	1	0
433	240	204	8	0	0	0	0	31	0	4	0	0
440	750	643	49	0	0	1	0	132	0	26	0	1
442	1590	1554	89	0	0	6	0	314	3	92	0	0
443	910	592	13	0	0	1	0	124	1	17	0	0
446	140	109	1	0	0	0	0	21	1	8	0	0
447	140	78	1	0	0	0	0	13	0	3	0	0
448	180	128	4	0	0	0	0	25	0	6	0	0
449	180	183	14	0	0	0	0	36	0	14	1	0
450	180	101	9	0	0	0	0	17	0	6	0	0
451	240	124	1	0	0	0	0	14	0	9	0	1
454	80	87	6	0	0	0	0	14	0	9	0	0
456	80	28	0	0	0	0	0	4	0	1	0	0
457	180	98	4	0	0	0	0	18	0	5	0	0
458	140	49	0	0	0	0	0	9	0	6	1	0
459	300	220	5	0	0	0	0	18	1	4	0	0
461	1280	1159	63	0	0	6	0	241	3	65	2	0
462	1350	1011	54	0	0	7	0	252	3	50	1	0

Appendix C. Continued

Permit area	Permits		Registered harvest by hunting license type									
	Available	Issued	601 <sup>a</sup>	602 <sup>b</sup>	606 <sup>c</sup>	607 <sup>d</sup>	608 <sup>e</sup>	610 <sup>f</sup>	611 <sup>g</sup>	613 <sup>h</sup>	614 <sup>i</sup>	615 <sup>j</sup>
463	350	301	8	0	0	1	0	48	0	9	1	0
464	470	349	24	0	0	1	0	52	0	15	0	0
465	470	279	10	0	0	1	0	55	2	15	0	0
466	910	594	22	0	0	1	0	99	0	26	2	0
467	690	555	28	1	0	3	0	77	0	26	0	0
601	1550	1632	135	2	2	27	0	279	4	107	1	0
Total <sup>k</sup>	55,982	46,451 <sup>l</sup>	2285	13	8	205	1	8624	123	2139	17	11

<sup>a</sup> Resident youth

<sup>b</sup> Non-resident youth

<sup>c</sup> Resident youth archery

<sup>d</sup> Resident archery

<sup>e</sup> Non-resident archery

<sup>f</sup> Resident license (includes general lottery and landowner)

<sup>g</sup> Non-resident license (includes general lottery)

<sup>h</sup> Resident surplus

<sup>i</sup> Non-resident surplus

<sup>j</sup> Military

<sup>k</sup> Total registered harvest excludes 41 turkeys registered by license types (603 resident youth surplus, 599 non-resident youth archery, 604 non-resident youth spring surplus),

<sup>l</sup> Total excludes 97 permits issued for the Camp Ripley disabled veterans hunt

Appendix D. Gender and age structure of registered wild turkeys by permit area for the 2010 spring wild turkey season, Minnesota.

**Note: Gender and age is hunter reported and is subject to error.**

Permit area	Female (bearded)	Male		Juvenile (%)	Total registered harvest
		Adult	Juvenile		
152	0	14	2	13	16
156	0	40	17	30	57
157	0	208	39	16	247
159	2	56	5	8	63
183	0	12	0	0	12
213	0	255	58	19	313
214	0	206	53	20	259
215	3	303	59	16	365
218	2	349	91	21	442
219	1	152	41	21	194
221	0	181	41	18	222
222	0	128	20	14	148
223	0	266	48	15	314
225	0	245	64	21	309
227	4	259	70	21	333
229	0	63	27	30	90
235	2	35	9	20	46
236	2	320	76	19	398
239	0	295	68	19	363
240	0	253	67	21	320
241	0	66	18	21	84
242	0	10	2	17	12
243	0	62	10	14	72
244	1	118	27	18	146
246	1	88	22	20	111
247	0	21	4	16	25
248	1	92	17	15	110
249	0	130	30	19	160
262	1	14	9	38	24
266	1	11	2	14	14
338	3	225	70	23	298
339	1	212	56	21	269
341	2	500	144	22	646
342	2	297	76	20	375
343	4	523	119	18	646
344	0	155	74	32	229

## Appendix D. Continued

Permit area	Female (bearded)	Male		Juvenile (%)	Total registered harvest
		Adult	Juvenile		
345	0	171	35	17	206
346	5	319	89	22	413
347	2	228	48	17	278
348	1	215	57	21	273
349	4	360	149	29	513
412	0	118	19	14	137
416	0	64	8	11	72
417	0	177	45	20	222
420	0	18	0	0	18
421	0	4	2	33	6
422	1	51	14	21	66
423	0	1	1	50	2
424	0	14	1	7	15
425	1	154	47	23	202
426	0	12	0	0	12
427	1	39	5	11	45
428	0	89	35	28	124
431	0	32	5	14	37
433	0	37	6	14	43
440	0	156	53	25	209
442	5	373	126	25	504
443	0	113	43	28	156
446	0	23	8	26	31
447	1	13	3	18	17
448	0	33	2	6	35
449	1	59	5	8	65
450	0	20	12	38	32
451	0	22	3	12	25
454	0	27	2	7	29
456	1	3	1	20	5
457	0	22	5	19	27
458	0	14	2	13	16
459	0	25	3	11	28
461	2	324	54	14	380
462	3	275	89	24	367

Appendix D. Continued

Permit area	Female (bearded)	Male		Juvenile (%)	Total registered harvest
		Adult	Juvenile		
463	0	50	17	25	67
464	1	67	24	26	92
465	0	69	14	17	83
466	1	113	36	24	150
467	2	114	19	14	135
601	3	452	102	18	557
801 <sup>a</sup>	0	33	2	6	35
802 <sup>a</sup>	0	5	1	17	6
Total	68	10672	2727	20	13467

<sup>a</sup> Camp Ripley disabled veterans hunt

Appendix E. Registered harvest, general lottery applicants, permits available (total, landowner, general lottery), and the chance of being drawn in the general lottery by permit area and time period for the 2010 spring wild turkey season, Minnesota.

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
152	A	0	12	5	0	5	42
	B	2	12	5	0	5	42
	C	4	12	5	0	5	42
	D	3	12	5	0	5	42
	E	2	4	5	0	5	125
	F	2	0	5	0	5	100
	G	2	1	25	0	5	100
	H	1	2	25	0	5	100
156	A	10	38	15	3	9	24
	B	7	26	15	2	11	42
	C	13	38	15	0	14	37
	D	8	38	15	3	8	21
	E	3	22	15	3	9	41
	F	0	12	15	1	13	100
	G	7	30	30	2	24	80
	H	9	10	30	0	30	100
157	A	57	224	75	7	60	27
	B	27	122	75	7	59	48
	C	41	196	75	11	50	26
	D	33	183	75	1	72	39
	E	28	54	75	1	73	100
	F	29	24	75	0	75	100
	G	21	51	100	1	98	100
	H	11	29	100	1	98	100
159	A	18	115	20	4	12	10
	B	9	47	20	5	10	21
	C	4	73	20	2	16	22
	D	6	41	20	0	20	49
	E	3	22	20	0	20	91
	F	5	14	20	0	20	100
	G	13	53	60	0	58	100
	H	5	11	60	1	58	100
183	A	3	14	5	1	3	21
	B	2	9	5	0	4	44
	C	1	19	5	1	3	16
	D	2	32	5	0	5	16
	E	2	19	5	1	3	16
	F	0	9	5	0	5	56
	G	2	22	25	0	25	100
	H	0	15	25	1	23	100



## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
213	A	78	281	100	15	85	30
	B	46	209	100	19	81	39
	C	51	314	100	16	84	27
	D	40	264	100	7	93	35
	E	25	79	100	5	95	100
	F	23	47	100	1	99	100
	G	24	86	200	3	197	100
	H	26	31	200	0	200	100
214	A	54	176	100	10	90	51
	B	38	130	100	4	96	74
	C	42	163	100	10	90	55
	D	36	145	100	0	100	69
	E	33	33	100	1	99	100
	F	14	22	100	0	100	100
	G	30	45	200	2	198	100
	H	12	15	200	3	197	100
215	A	78	343	130	10	120	35
	B	41	176	130	8	122	69
	C	58	367	130	11	119	32
	D	49	253	130	3	127	50
	E	41	79	130	1	129	100
	F	36	38	130	1	129	100
	G	41	60	200	1	199	100
	H	21	22	200	0	200	100
218	A	98	322	120	19	101	31
	B	48	200	120	10	110	55
	C	65	364	120	13	107	29
	D	49	232	120	9	111	48
	E	45	88	120	1	119	100
	F	41	55	120	0	120	100
	G	60	82	200	2	198	100
	H	36	40	200	0	200	100
219	A	54	196	65	5	60	31
	B	28	123	65	6	59	48
	C	22	198	65	3	62	31
	D	24	142	65	2	63	44
	E	18	52	65	2	63	100
	F	13	17	65	0	65	100
	G	25	43	100	0	100	100
	H	10	12	100	0	100	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
221	A	51	148	75	8	67	45
	B	33	106	75	9	66	62
	C	26	171	75	4	71	42
	D	30	105	75	2	73	70
	E	29	23	75	1	74	100
	F	22	27	75	0	75	100
	G	22	47	125	1	124	100
	H	9	13	125	0	125	100
222	A	29	116	55	10	45	39
	B	26	78	55	3	52	67
	C	21	154	55	1	54	35
	D	19	85	55	4	51	60
	E	14	37	55	2	53	100
	F	6	24	55	1	54	100
	G	28	46	150	2	148	100
	H	5	13	150	0	150	100
223	A	77	339	100	10	90	27
	B	41	199	100	5	95	48
	C	48	309	100	4	96	31
	D	33	172	100	1	99	58
	E	31	74	100	5	95	100
	F	23	38	100	0	100	100
	G	48	59	200	0	200	100
	H	13	14	200	0	200	100
225	A	75	332	165	33	132	40
	B	52	187	165	10	155	83
	C	49	317	165	14	151	48
	D	40	191	165	5	160	84
	E	40	60	165	2	163	100
	F	21	27	165	2	163	100
	G	22	47	225	1	224	100
	H	10	11	225	0	225	100
227	A	81	335	150	2	148	44
	B	53	202	150	12	138	68
	C	49	250	150	8	142	57
	D	50	178	150	2	148	83
	E	37	68	150	1	149	100
	F	20	33	150	0	150	100
	G	30	54	250	1	249	100
	H	13	13	250	0	250	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
229	A	26	86	45	4	41	48
	B	12	56	45	3	42	75
	C	15	81	45	1	44	54
	D	13	60	45	3	42	70
	E	9	12	45	0	45	100
	F	2	10	45	0	45	100
	G	9	13	100	1	99	100
	H	4	5	100	0	100	100
235	A	15	77	20	0	20	26
	B	7	51	20	0	20	39
	C	4	50	20	0	20	40
	D	6	33	20	0	20	61
	E	1	10	20	0	20	100
	F	2	17	20	0	20	100
	G	6	4	60	0	60	100
	H	5	11	60	0	60	100
236	A	109	369	160	8	152	41
	B	52	230	160	4	156	68
	C	56	318	160	7	153	48
	D	47	229	160	4	156	68
	E	54	87	160	0	160	100
	F	24	32	160	0	160	100
	G	44	54	300	0	300	100
	H	12	22	300	0	300	100
239	A	72	328	135	15	120	37
	B	54	221	135	17	118	53
	C	60	366	135	16	119	33
	D	34	280	135	11	124	44
	E	41	89	135	1	134	100
	F	32	66	135	0	135	100
	G	49	94	250	1	249	100
	H	21	33	250	0	250	100
240	A	76	232	110	19	91	39
	B	38	130	110	13	97	75
	C	44	211	110	10	100	47
	D	37	190	110	3	107	56
	E	42	54	110	0	110	100
	F	36	48	110	0	110	100
	G	35	59	250	0	250	100
	H	12	20	250	0	250	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
241	A	24	68	30	0	30	44
	B	11	35	30	1	29	83
	C	13	67	30	4	26	39
	D	10	37	30	3	27	73
	E	10	12	30	0	30	100
	F	6	11	30	0	30	100
	G	8	27	90	1	89	100
	H	2	6	90	0	90	100
242	A	3	4	5	0	5	100
	B	0	1	5	0	5	100
	C	1	14	5	0	5	36
	D	0	10	5	0	5	50
	E	0	0	5	0	5	100
	F	2	0	5	0	5	100
	G	6	6	25	0	25	100
	H	0	0	25	0	25	100
243	A	12	44	20	3	17	39
	B	8	16	20	2	18	100
	C	9	53	20	4	16	30
	D	10	31	20	3	17	55
	E	5	12	20	0	20	100
	F	5	4	20	1	19	100
	G	14	26	60	1	59	100
	H	9	15	60	0	60	100
244	A	35	128	50	8	42	33
	B	15	89	50	2	48	54
	C	33	159	50	7	43	27
	D	15	113	50	5	45	40
	E	15	53	50	1	49	92
	F	14	32	50	0	50	100
	G	10	33	100	0	100	100
	H	9	10	100	0	100	100
246	A	14	69	25	3	22	32
	B	10	56	25	4	21	38
	C	22	90	25	3	22	24
	D	14	78	25	4	21	27
	E	9	29	25	0	25	86
	F	11	6	25	4	21	100
	G	19	63	75	2	73	100
	H	12	21	75	0	75	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
247	A	2	20	5	0	5	25
	B	4	6	5	1	4	67
	C	3	14	5	0	5	36
	D	2	10	5	1	4	40
	E	1	1	5	0	5	100
	F	1	3	5	0	5	100
	G	9	20	25	0	25	100
	H	3	5	25	0	25	100
248	A	28	93	55	8	47	51
	B	20	57	55	5	50	88
	C	19	83	55	3	52	63
	D	14	55	55	0	55	100
	E	8	16	55	4	51	100
	F	5	7	55	1	54	100
	G	14	24	125	0	125	100
	H	2	3	125	1	124	100
249	A	37	118	60	7	53	45
	B	23	113	60	9	51	45
	C	30	141	60	2	58	41
	D	15	108	60	2	58	54
	E	14	30	60	0	60	100
	F	11	24	60	0	60	100
	G	24	25	100	0	100	100
	H	6	18	100	0	100	100
262	A	5	6	15	1	14	100
	B	4	3	15	0	15	100
	C	7	15	15	0	15	100
	D	1	9	15	0	15	100
	E	2	0	15	0	15	100
	F	0	0	15	0	15	100
	G	5	3	45	0	45	100
	H	0	1	45	0	45	100
266	A	4	6	15	0	15	100
	B	2	3	15	0	15	100
	C	1	8	15	0	15	100
	D	3	4	15	0	15	100
	E	1	2	15	0	15	100
	F	0	1	15	0	15	100
	G	3	5	45	0	45	100
	H	0	0	45	0	45	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
338	A	86	258	100	17	83	32
	B	39	181	100	11	89	49
	C	48	259	100	10	90	35
	D	40	156	100	5	95	61
	E	28	60	100	1	99	100
	F	16	26	100	2	98	100
	G	32	91	250	1	249	100
	H	9	19	250	2	248	100
339	A	65	202	95	12	83	41
	B	36	140	95	4	91	65
	C	36	168	95	7	88	52
	D	33	149	95	3	92	62
	E	32	60	95	1	94	100
	F	14	32	95	1	94	100
	G	42	79	250	0	250	100
	H	11	14	250	0	250	100
341	A	126	557	235	24	211	38
	B	97	344	235	20	215	63
	C	105	618	235	14	221	36
	D	80	381	235	7	228	60
	E	79	186	235	3	232	100
	F	47	102	235	1	234	100
	G	79	145	400	2	398	100
	H	33	64	400	1	399	100
342	A	110	388	225	32	193	50
	B	76	269	225	7	218	81
	C	52	425	225	13	212	50
	D	50	255	225	4	221	87
	E	50	106	225	0	225	100
	F	23	69	225	0	225	100
	G	11	49	400	0	400	100
	H	3	6	400	0	400	100
343	A	130	431	200	28	172	40
	B	83	307	200	15	185	60
	C	113	496	200	26	174	35
	D	90	320	200	11	189	59
	E	63	138	200	1	199	100
	F	49	93	200	1	199	100
	G	79	141	400	1	399	100
	H	32	36	400	1	399	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
344	A	64	392	125	18	107	27
	B	38	239	125	8	117	49
	C	40	303	125	4	121	40
	D	27	165	125	2	123	75
	E	25	108	125	0	125	100
	F	16	70	125	0	125	100
	G	15	62	250	2	248	100
	H	4	19	250	0	250	100
345	A	57	255	150	26	124	49
	B	41	160	150	9	141	88
	C	33	202	150	1	149	74
	D	27	161	150	1	149	93
	E	33	59	150	0	150	100
	F	2	11	150	0	150	100
	G	13	33	300	0	300	100
	H	0	10	300	0	300	100
346	A	133	403	300	44	256	64
	B	83	277	300	9	291	100
	C	69	395	300	10	290	73
	D	50	279	300	10	290	100
	E	42	124	300	2	298	100
	F	12	45	300	1	299	100
	G	20	46	400	1	399	100
	H	4	5	400	0	400	100
347	A	73	289	150	13	137	47
	B	36	202	150	5	145	72
	C	48	289	150	10	140	48
	D	42	176	150	6	144	82
	E	38	88	150	0	150	100
	F	10	27	150	0	150	100
	G	19	64	300	1	299	100
	H	12	9	300	0	300	100
348	A	64	370	175	23	152	41
	B	44	252	175	4	171	68
	C	35	355	175	8	167	47
	D	35	291	175	8	167	57
	E	50	100	175	1	174	100
	F	19	51	175	0	175	100
	G	20	84	300	0	300	100
	H	6	16	300	0	300	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
349	A	147	747	400	51	349	47
	B	101	402	400	13	387	96
	C	79	597	400	14	386	65
	D	65	444	400	7	393	89
	E	59	226	400	2	398	100
	F	17	87	400	0	400	100
	G	30	165	600	0	600	100
	H	15	34	600	0	600	100
412	A	20	118	60	5	55	47
	B	15	62	60	4	56	90
	C	24	114	60	3	57	50
	D	22	98	60	4	56	57
	E	16	30	60	1	59	100
	F	12	26	60	0	60	100
	G	21	42	100	1	99	100
	H	7	10	100	0	100	100
416	A	13	64	20	4	16	25
	B	7	48	20	3	17	35
	C	11	58	20	4	16	28
	D	9	52	20	0	20	38
	E	7	12	20	2	18	100
	F	6	12	20	0	20	100
	G	15	17	60	0	60	100
	H	4	15	60	0	60	100
417	A	42	175	55	11	44	25
	B	19	116	55	4	51	44
	C	25	217	55	5	50	23
	D	28	123	55	4	51	41
	E	19	63	55	2	53	84
	F	14	33	55	1	54	100
	G	41	83	150	1	149	100
	H	34	34	150	1	149	100
420	A	5	8	15	0	15	100
	B	2	2	15	0	15	100
	C	7	18	15	1	14	78
	D	1	8	15	0	15	100
	E	0	0	15	0	15	100
	F	0	0	15	0	15	100
	G	3	8	45	0	45	100
	H	0	1	45	0	45	100



## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
421	A	1	6	7	0	7	100
	B	1	3	7	0	7	100
	C	2	4	7	0	7	100
	D	1	3	7	0	7	100
	E	0	1	7	0	7	100
	F	0	0	7	0	7	100
	G	1	2	35	0	35	100
	H	0	0	35	0	35	100
422	A	13	43	30	1	29	67
	B	11	26	30	0	30	100
	C	9	28	30	0	30	100
	D	14	28	30	0	30	100
	E	4	6	30	0	30	100
	F	5	1	30	0	30	100
	G	10	14	100	0	100	100
	H	0	1	100	0	100	100
423	A	1	5	5	0	5	100
	B	1	1	5	0	5	100
	C	0	3	5	0	5	100
	D	0	0	5	0	5	100
	E	0	0	5	0	5	100
	F	0	0	5	0	5	100
	G	0	1	25	0	25	100
	H	0	0	25	0	25	100
424	A	4	21	10	2	8	38
	B	3	8	10	0	10	100
	C	1	12	10	0	10	83
	D	3	13	10	0	10	77
	E	4	0	10	0	10	100
	F	0	0	10	0	10	100
	G	0	0	40	0	40	100
	H	0	0	40	0	40	100
425	A	41	177	65	14	51	29
	B	25	89	65	8	57	64
	C	38	162	65	9	56	35
	D	26	149	65	5	60	40
	E	20	52	65	0	65	100
	F	12	32	65	0	65	100
	G	21	65	100	1	99	100
	H	19	43	100	0	100	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
426	A	1	12	5	1	4	33
	B	2	11	5	1	4	36
	C	3	11	5	1	4	36
	D	1	1	5	0	5	100
	E	0	1	5	0	5	100
	F	1	1	5	0	5	100
	G	3	3	25	1	24	100
	H	1	2	25	0	25	100
427	A	13	13	15	4	11	85
	B	4	26	15	2	13	50
	C	7	24	15	3	12	50
	D	6	17	15	1	14	82
	E	7	14	15	0	15	100
	F	2	9	15	0	15	100
	G	4	15	45	0	45	100
	H	2	1	45	0	45	100
428	A	30	88	40	7	33	38
	B	15	83	40	2	38	46
	C	22	89	40	4	36	40
	D	14	63	40	4	36	57
	E	13	27	40	1	39	100
	F	9	16	40	0	40	100
	G	17	27	150	0	150	100
	H	4	11	150	0	150	100
431	A	5	20	15	4	11	55
	B	6	20	15	2	13	65
	C	5	18	15	0	15	83
	D	5	18	15	0	15	83
	E	5	7	15	0	15	100
	F	4	9	15	0	15	100
	G	2	9	45	0	45	100
	H	5	6	45	0	45	100
433	A	11	42	20	4	16	38
	B	7	31	20	1	19	61
	C	3	39	20	3	17	44
	D	10	26	20	0	20	77
	E	3	15	20	0	20	100
	F	2	6	20	0	20	100
	G	6	18	60	1	59	100
	H	1	3	60	0	60	100

Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
440	A	60	193	75	14	61	32
	B	22	101	75	7	68	67
	C	38	130	75	4	71	55
	D	28	110	75	3	72	65
	E	21	50	75	0	75	100
	F	16	24	75	1	74	100
	G	16	39	150	0	150	100
	H	8	15	150	0	150	100
442	A	125	434	165	31	134	31
	B	62	287	165	19	146	51
	C	68	483	165	27	138	29
	D	62	277	165	11	154	56
	E	55	113	165	0	165	100
	F	40	58	165	1	164	100
	G	73	120	300	3	297	100
	H	19	32	300	3	297	100
443	A	45	117	85	7	78	67
	B	28	94	85	1	84	89
	C	20	153	85	3	82	54
	D	22	97	85	1	84	87
	E	25	40	85	2	83	100
	F	5	14	85	2	83	100
	G	9	25	200	0	200	100
	H	2	14	200	0	200	100
446	A	5	8	10	3	7	88
	B	4	8	10	3	7	88
	C	2	17	10	0	10	59
	D	4	12	10	2	8	67
	E	3	8	10	0	10	100
	F	2	10	10	0	10	100
	G	9	15	40	0	40	100
	H	2	3	40	0	40	100
447	A	3	14	10	1	9	64
	B	5	9	10	1	9	100
	C	0	23	10	0	10	43
	D	3	15	10	1	9	60
	E	0	2	10	0	10	100
	F	0	0	10	0	10	100
	G	4	7	40	0	40	100
	H	2	6	40	0	40	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
448	A	3	24	15	4	11	46
	B	6	26	15	3	12	46
	C	10	27	15	2	13	48
	D	6	13	15	1	14	100
	E	4	6	15	0	15	100
	F	1	5	15	0	15	100
	G	3	12	45	0	45	100
	H	2	4	45	1	44	100
449	A	14	42	15	3	12	29
	B	5	34	15	3	12	35
	C	5	33	15	2	13	39
	D	9	41	15	1	14	34
	E	3	10	15	0	15	100
	F	4	15	15	0	15	100
	G	21	17	45	2	43	100
	H	4	5	45	0	45	100
450	A	6	30	15	3	12	40
	B	6	9	15	1	14	100
	C	8	20	15	1	14	70
	D	6	9	15	0	15	100
	E	1	6	15	0	15	100
	F	3	1	15	0	15	100
	G	2	4	45	0	45	100
	H	0	2	45	0	45	100
451	A	3	21	20	1	19	90
	B	3	9	20	0	20	100
	C	9	15	20	0	20	100
	D	4	7	20	0	20	100
	E	1	5	20	0	20	100
	F	1	5	20	0	20	100
	G	2	8	60	0	60	100
	H	2	3	60	0	60	100
454	A	2	23	5	1	4	17
	B	3	8	5	0	5	63
	C	2	15	5	1	4	27
	D	7	22	5	0	5	23
	E	2	2	5	0	5	100
	F	1	6	5	0	5	83
	G	6	15	25	1	24	100
	H	6	3	25	0	25	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
456	A	0	4	5	0	5	100
	B	0	4	5	0	5	100
	C	1	2	5	1	4	100
	D	3	7	5	0	5	71
	E	0	1	5	0	5	100
	F	0	0	5	0	5	100
	G	1	2	25	0	25	100
	H	0	0	25	0	25	100
457	A	6	14	15	2	13	93
	B	6	10	15	2	13	100
	C	1	32	15	1	14	44
	D	6	17	15	0	15	88
	E	5	4	15	0	15	100
	F	0	0	15	0	15	100
	G	2	7	45	0	45	100
	H	1	2	45	0	45	100
458	A	5	16	10	0	10	63
	B	3	3	10	0	10	100
	C	4	2	10	0	10	100
	D	2	6	10	0	10	100
	E	1	3	10	0	10	100
	F	0	0	10	0	10	100
	G	1	2	40	0	40	100
	H	0	0	40	0	40	100
459	A	6	64	25	2	23	36
	B	2	30	25	1	24	80
	C	6	47	25	3	22	47
	D	7	41	25	1	24	59
	E	1	22	25	0	25	100
	F	4	5	25	0	25	100
	G	2	25	75	0	75	100
	H	0	10	75	0	75	100
461	A	83	315	130	22	108	34
	B	64	175	130	9	121	69
	C	63	286	130	10	120	42
	D	41	154	130	3	127	82
	E	44	80	130	1	129	100
	F	29	35	130	0	130	100
	G	40	62	250	1	249	100
	H	16	20	250	0	250	100

## Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
462	A	84	263	125	7	118	45
	B	46	129	125	16	109	84
	C	53	244	125	6	119	49
	D	51	207	125	3	122	59
	E	47	69	125	1	124	100
	F	19	20	125	0	125	100
	G	48	71	300	2	298	100
	H	19	23	300	0	300	100
463	A	20	89	35	8	27	30
	B	8	50	35	3	32	64
	C	8	64	35	4	31	48
	D	5	42	35	0	35	83
	E	9	20	35	0	35	100
	F	3	16	35	0	35	100
	G	11	10	70	0	70	100
	H	3	9	70	0	70	100
464	A	16	100	45	1	44	44
	B	14	55	45	0	45	82
	C	16	86	45	0	45	52
	D	19	55	45	0	45	82
	E	10	13	45	0	45	100
	F	6	6	45	0	45	100
	G	6	15	100	0	100	100
	H	5	4	100	0	100	100
465	A	17	62	45	1	44	71
	B	16	45	45	1	44	98
	C	15	74	45	0	45	61
	D	13	51	45	0	45	88
	E	13	13	45	0	45	100
	F	2	2	45	0	45	100
	G	5	13	100	0	100	100
	H	2	1	100	0	100	100
466	A	43	167	85	7	78	47
	B	22	122	85	4	81	66
	C	26	173	85	3	82	47
	D	18	87	85	0	85	98
	E	12	22	85	0	85	100
	F	9	9	85	0	85	100
	G	15	30	200	0	200	100
	H	5	7	200	0	200	100

Appendix E. Continued

Permit area	Time period	Registered harvest	Applicants	Permits available			Chance of general lottery applicant being drawn (%) <sup>b</sup>
				Total	Landowner <sup>a</sup>	General lottery	
467	A	31	133	65	9	56	42
	B	14	72	65	4	61	85
	C	27	132	65	2	63	48
	D	15	89	65	6	59	66
	E	12	28	65	0	65	100
	F	7	20	65	0	65	100
	G	18	35	150	2	148	100
	H	11	14	150	1	149	100
601	A	123	418	175	5	170	41
	B	59	299	175	5	170	57
	C	99	343	175	3	172	50
	D	58	245	175	1	174	71
	E	55	95	175	0	175	100
	F	48	48	175	0	175	100
	G	74	111	250	0	250	100
	H	41	45	250	0	250	100

<sup>a</sup> Landowners were allotted up to 20% of the total permits available for each permit area and time period. Unused landowner permits were made available in the general lottery.

<sup>b</sup> Chance of general lottery applicant being drawn assumes no hunter preference