

Spring Turkey Harvest Report 2007

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Abstract

A record total of 52,428 turkeys were harvested during the 2007 spring turkey hunt, comprised of 6 hunting periods in 46 turkey management zones, 12 state parks, and Fort McCoy. The overall success rate for permit holders was 26%, based on a record total of 205,306 permits issued. Hunter success rates of 20% or above occurred in all but 13 of the zones. Highest success rates per hunting period occurred in the first two periods of the season. Seventy-five percent of the harvested males were adults, up from the 72% harvested in 2006. Five hunting accidents occurred during the spring season, including one fatal.

Methods

Harvest information was obtained through mandatory registration of harvested turkeys. Turkey registration stations were paid \$0.35 per turkey registered, or \$35 total, depending on which calculation was greater. Registration records were then entered into the DNR UNIX computer by district personnel and summarized using the Statistical Analysis System (SAS).

Results

Permit Levels

Permit levels in each zone are decided upon by the DNR Turkey Committee. Consideration is given to the following when permits levels are set: previous hunter success rates, turkey population and distribution within a zone, square miles of turkey range (i.e., square miles of timber), recruitment, winter severity, and hunter interference rates (Table 1).

A record total of 205,306 permits were issued in 2007 compared to 200,869 in 2006 and 193,826 in 2005. A total of 177,585 applications were received for the spring hunt. There were 163,055 permits issued to these applicants by mail. A total of 14,530 applicants did not get a permit through the drawing process. These applicants either applied for oversubscribed zones or restricted their choices to the first 3 hunt periods where there were more applicants than permits. Fifteen zones were oversubscribed in 2007.

This was the second year that left over permits were sold (\$10 for resident, \$15 for non-residents) over the counter at DNR license sales locations on a first come first served basis at a rate of one permit per day. This continued until all permits available for a zone were issued. A total of 42,251 permits were issued this way.

Permit Selection

All applicants were required to pay a \$3 application fee for a spring turkey permit application. Preference for permits was given first to landowners (up to 30% of permits available), followed by residents who applied for but did not receive a permit in the spring of 2006, other residents, and finally non-residents. Applications were randomly selected, but first choice zone and time period of all applicants within each preference category were issued available permits before second, third, fourth, etc. choices were filled.

Age Ratio

Adult gobblers comprised 75% of the 2007 spring turkey harvest (Table 3). This proportion is similar to the 2006 level of 72%. Harvests comprised of 70% adults are more typical of years following normal recruitment. The small change in the percent adults in the 2007 harvest matched with the little change in recruitment in 2006. This resulted in similar numbers of juveniles available to hunters in the spring of 2007. Hunters are becoming more selective in harvesting turkeys in the spring and prefer selecting adult Toms, which may affect this ratio.

Harvest and Success Rates

The 2007 spring turkey harvest was 52,428 birds taken (Figure 2, Table 6). This is a new record harvest total for the state, and above the 46,662 take in 2006. The hunter success rate of 26% was higher than predicted and higher than in 2006 (23%).

Good hunter success rates (defined as above 20%) occurred in all but 13 of the 62 zones open to spring hunting (Table 5). Fifteen turkey zones had a hunter success rate of 30% or higher. The highest success rates per period occurred in the first 2 periods of the season, at 35% and 30%, respectively. A snowstorm and below average temperatures may have affected hunter success during the first hunting period, else normal to above average temperatures and average rainfall greeted hunters during most of the spring. No other major weather events should have affected harvest in any of the time periods. A normal recruitment year in 2006 and a mild winter meant there were plenty of turkeys available for the spring season.

Turkey populations continue to flourish because of an increased interest by landowners, and DNR wildlife managers to create and restore turkey habitat. In 2006 the Turkey Stamp Program made available over 1,700,000 for wild turkey habitat management.

Accidents

There were five hunting accidents during the 2007 spring turkey hunt. Unfortunately one of the accidents was a fatal self inflicted gun shot. The other four accidents occurred when the shooter mistaken the victim for game. Turkey hunting continues to be a very safe sport with less than 3 accidents per 100,000 permits.

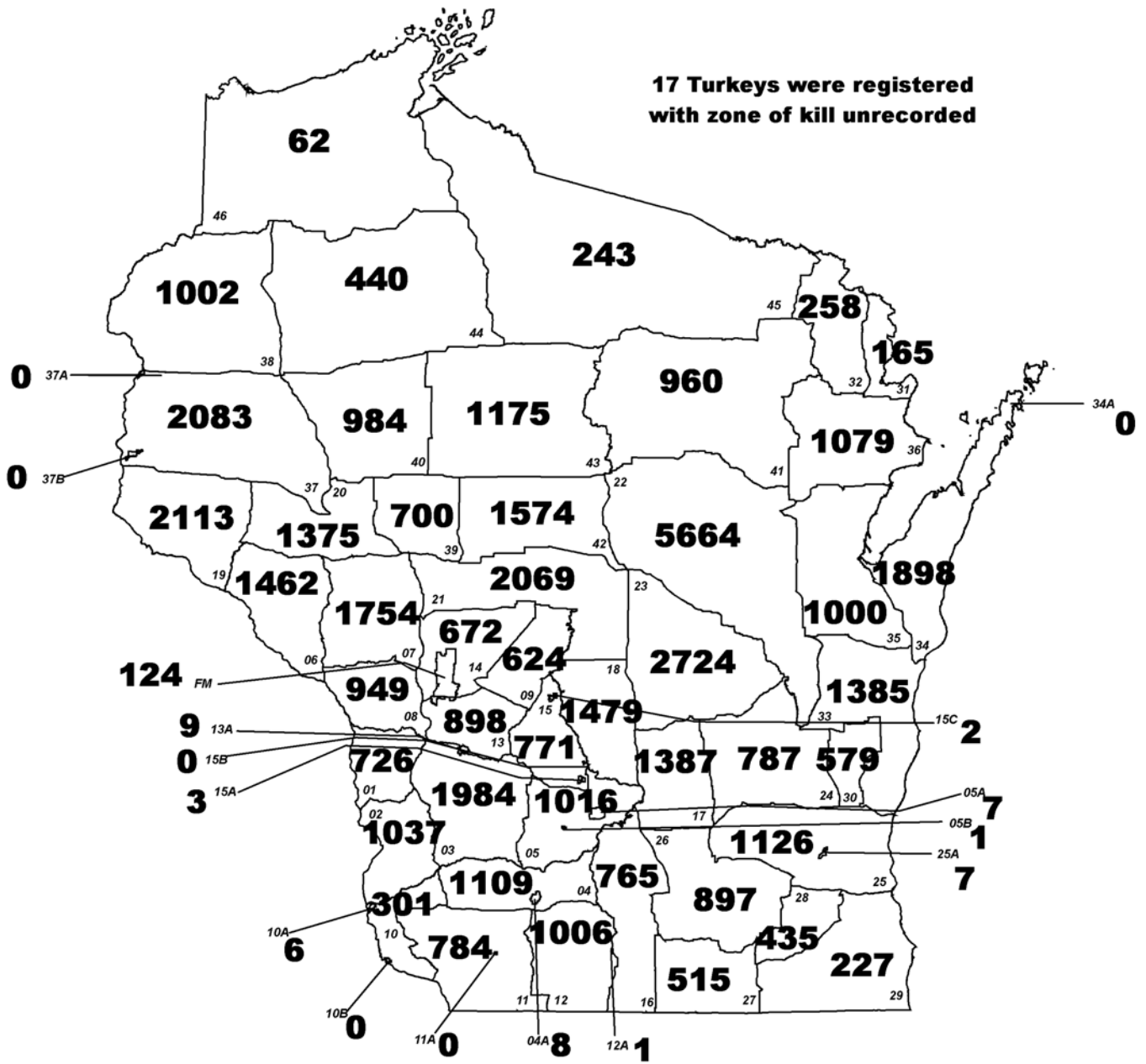


Figure 1. Spring Turkey harvest by zone, 2007.

Table 1. Total number of spring turkey permits issued, 1990-2007.

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1	948	935	964	1,201	1,202	1,200	1,200	2,253	2,253	2,401	3,011	3,010	2,401	2,404	3,005	3,000	3,001	3,009
2	3,829	3,961	3,961	4,504	4,500	3,960	4,500	5,100	4,803	5,105	5,411	5,423	5,403	5,403	5,398	5,400	5,208	5,028
3	4,470	5,948	6,001	6,600	7,801	6,841	7,800	7,802	7,804	8,103	9,034	9,953	9,900	9,910	9,913	9,900	9,927	9,901
4	3,600	4,204	5,101	5,701	6,002	5,101	5,104	5,100	5,102	5,103	5,116	5,119	5,102	5,103	5,098	5,100	5,116	5,111
04A			38	38	36	36	37	36	37	37	37	43	39	36	35	36	36	36
5	1,674	2,130	2,372	3,000	4,501	3,602	3,600	3,903	4,501	4,506	5,114	5,122	5,107	5,100	6,003	6,000	5,923	5,732
05A			36	37	36	37	38	36	37	36	40	39	37	37	38	36	36	37
05B					5	2	7	8	10	7	6	6	6	4	3	5	2	2
6	1,462	1,801	2,101	2,401	2,401	2,401	2,704	3,004	3,306	3,750	4,225	4,518	4,653	4,894	4,902	5,010	5,051	5,060
7	1,271	1,501	2,400	2,701	3,000	3,000	3,300	3,902	4,502	5,103	5,726	6,020	6,150	6,639	6,639	6,840	6,859	6,856
8	1,154	1,469	1,724	2,700	2,701	2,401	2,404	3,001	3,001	3,003	3,623	3,616	3,602	3,601	4,209	4,200	4,209	4,208
9	1,049	1,079	840	1,021	1,051	1,053	1,050	1,050	1,352	1,507	2,112	2,113	2,101	2,104	2,112	2,400	2,401	2,404
10	1,881	2,099	2,137	2,702	2,702	2,042	2,042	2,040	2,041	2,041	2,419	2,422	2,403	2,103	2,092	2,100	1,952	1,847
10A			27	25	26	25	9	0	25	25	28	24	24	25	20	24	24	24
10B					2	2	0	0	6	8	6	4	2	2	1	3	2	1
11	1,371	1,666	1,534	2,721	3,002	3,002	3,003	3,602	3,602	3,602	3,913	3,912	3,900	3,907	3,906	3,902	3,677	3,499
11A					1	0	2	0	3	3	3	1	3	3	1	6	2	1
12	1,037	1,216	1,407	1,951	1,953	2,100	2,402	3,001	3,303	3,300	3,930	3,922	3,901	3,909	4,498	4,500	4,509	4,509
12A									6	6	5	2	6	7	1	6	3	4
13	764	1,066	1,204	1,897	2,100	2,101	2,100	3,001	3,001	3,001	3,600	3,605	3,603	3,600	3,606	3,600	3,608	3,504
13A			18	20	18	18	8	5	18	32	32	37	37	36	36	36	36	36
14	488	734	854	1,200	1,200	1,653	1,950	2,402	2,704	3,004	3,620	3,615	3,603	3,604	3,618	3,600	3,607	3,452
15	662	1,163	1,330	1,762	2,401	1,801	2,104	3,004	3,302	3,305	3,597	3,605	3,602	3,605	3,608	3,600	3,602	3,605
15A			17	16	15	15	1	1	17	16	19	16	16	14	16	15	15	15
15B			2	0	1	0	0	0	3	3	3	2	3	3	1	3	2	2
15C			25	24	25	24	1	0	24	36	42	56	50	49	50	48	49	49
16		838	1,281	1,759	2,101	1,501	1,800	2,100	2,406	2,700	3,025	3,015	3,003	3,005	3,157	3,151	3,156	3,168
17			1,200	2,289	2,401	2,101	2,401	2,700	3,300	3,901	4,212	4,521	4,500	4,502	5,106	5,100	5,106	5,117
18				1,052	2,100	2,100	2,402	3,600	4,201	5,401	6,338	7,229	7,200	7,210	7,526	7,500	7,519	7,523
19			973	1,836	1,952	2,101	2,105	2,700	3,301	3,902	4,531	4,819	5,044	5,492	6,316	6,300	6,313	6,325
20					1,026	1,050	1,176	1,479	2,095	2,701	3,620	3,908	4,051	4,506	4,512	4,620	4,632	4,633
21					575	1,201	1,477	2,378	2,995	3,600	5,128	6,025	6,601	7,203	7,819	7,800	7,813	7,812
22				1,203	1,776	2,226	2,677	4,778	4,795	6,300	8,138	15,044	18,000	19,504	21,077	22,500	22,543	22,564
23				2,400	3,000	3,002	3,601	6,004	6,902	7,805	9,043	12,039	12,000	12,012	12,056	12,000	12,020	12,036
24					300	301	451	450	600	600	905	904	1,050	1,202	1,535	1,800	2,100	2,400
25				301	300	601	601	903	1,202	1,501	1,813	2,112	2,101	2,404	3,003	3,300	3,608	4,521
25A									30	30	34	18	18	18	12	18	17	15
26			474	600	600	600	601	904	901	902	1,204	1,508	1,801	1,803	2,116	2,400	2,703	2,700
27			301	600	600	300	451	450	600	720	721	728	903	1,199	1,808	1,800	1,802	1,809
28			450	901	1,051	1,050	1,200	1,501	1,500	1,501	1,665	1,657	1,650	1,652	1,805	1,800	1,800	1,800
29				288	300	301	601	600	601	602	606	748	750	898	905	1,200	1,202	1,214
30	450	603	750	901	1,051	1,050	1,051	1,052	1,351	1,351	1,358	1,362	1,350	1,352	1,554	1,500	1,800	1,800
31	1,200	1,801	1,501	1,501	1,201	1,200	902	900	900	901	1,021	1,199	1,202	1,200	1,197	1,203	1,203	1,166
32	902	1,501	1,420	1,501	875	877	726	728	747	750	879	1,204	1,200	1,201	1,233	1,200	1,200	1,200
33				301	450	602	1,203	1,502	1,801	2,101	2,718	3,018	3,000	3,306	3,791	3,750	4,200	4,200
34					300	451	604	900	1,050	1,200	1,810	2,405	2,701	3,306	4,259	4,500	5,407	5,413
34A																		18
35					300	241	242	300	451	540	696	1,054	1,350	1,501	1,840	1,800	2,400	3,000
36					576	726	876	1,178	1,198	1,352	1,483	1,982	2,403	2,477	3,344	3,300	3,458	3,909
37						876	876	1,477	1,496	1,800	2,411	3,315	3,901	4,203	5,132	5,700	6,003	6,326
37A																		6
38						576	575	575	596	903	1,210	1,807	2,100	2,400	3,314	3,900	3,902	4,209
39							577	875	896	1,505	2,107	2,405	2,701	3,209	3,224	3,204	3,214	3,210
40										90	152	304	604	1,201	1,802	2,400	3,010	3,317
41										91	181	303	603	1,201	2,736	3,600	3,602	3,780
42													1,801	2,400	3,312	4,200	4,214	4,824
43													300	901	1,843	2,400	3,002	3,612
44																	1,200	1,801
45																	1,203	1,200
46																	150	210
FM	181	243	223	212	222	235		449	463	463	610	555	555	482	465	510	510	510
Total	29,877	37,414	43,970	61,548	71,420	68,588	75,596	92,734	101,141	112,256	132,318	151,522	160,097	169,277	186,608	193,826	200,869	205,306

Table 2. Number of spring turkey permits allocated/mile² of timber/time period for 1990-2007.

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹	2005 ¹	2006 ¹	2007 ¹	Timber
1	2.1	2.8	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.4	3	3	2.4	2.4	2.8	2.8	2.8	2.8	177
2	2.6	2.6	2.6	2.9	2.9	2.6	2.9	3.3	3.1	3.3	3.5	3.5	3.5	3.5	3.3	3.3	3.2	3.1	270
3	2.1	2.3	2.3	2.5	3	2.6	3	3	3	3.1	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8	436
4	2.3	2.7	3.2	3.6	3.8	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.7	2.7	2.7	2.7	316
04A			2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.9	2.6	2.4	2.4	2.4	2.4	2.4	5
5	1.2	1.6	1.6	2	3	2.4	2.4	2.6	3	3	3.4	3.4	3.4	3.4	3.7	3.7	3.7	3.5	272
05A			0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	1.0	0.9	0.9	0.9	13
05B				1.7	0.7	2.3	2.6	3.3	2.3	2.0	2.0	2.0	1.3	1.0	1.7	0.7	0.7	0.7	1
6	0.9	0.9	1	1.2	1.2	1.2	1.3	1.5	1.6	1.8	2	2.2	2.3	2.4	1.8	1.8	1.8	1.8	459
7	0.6	0.6	0.9	1	1.2	1.2	1.3	1.5	1.7	2	2.2	2.3	2.4	2.6	2.3	2.4	2.4	2.4	481
8	1	1.4	1.4	1.8	1.8	1.6	1.6	2.1	2.1	2.1	2.5	2.5	2.5	2.5	2.9	2.9	2.9	2.9	238
9	1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.3	1.3	1.3	1.3	1.5	1.7	1.7	1.7	234
10	2.7	2.7	3.1	3.4	3.4	2.6	2.6	2.6	2.6	2.6	3.1	3.1	3.1	2.7	2.6	2.6	2.4	2.3	136
10A			3.0	2.7	2.8	2.7	1.0	0.0	2.7	2.7	3.1	2.7	2.7	2.8	2.2	2.6	2.6	2.7	3
10B				0.7	0.7	0.0	0.0	2.0	2.6	2.0	1.3	0.7	0.7	0.3	1.0	0.7	0.3	0.3	1
11	1.9	2.6	2.6	3.2	3.2	3.2	3.2	3.9	3.9	3.8	4.2	4.2	4.2	4.2	3.9	3.9	3.6	3.5	169
11A				0.3	0.0	0.7	0.0	1.0	1.0	1.0	0.3	1.0	1.0	0.3	2.0	0.7	0.3	0.3	1
12	2	2.5	2.5	3.2	3.2	3.5	4	5	5	5.4	6.5	6.5	6.4	6.4	3.9	3.9	3.9	3.9	192
12A								2.0	2.0	1.7	0.7	2.0	2.3	0.3	2.0	1.0	1.3	1.3	1
13	0.9	1.3	1.3	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.6	2.6	2.6	2.6	3.3	3.3	3.3	3.2	184
13A			1.5	1.7	1.5	1.5	0.7	0.4	1.5	2.6	2.6	3.1	3.1	3.0	3.0	3.0	3.0	3.0	4
14	0.6	0.5	0.5	0.7	0.7	0.9	1.1	1.4	1.6	1.7	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.6	363
15	0.8	1.3	1.3	1.5	2	1.5	1.8	2.5	2.8	2.8	3	3	3	3.1	2.7	2.7	2.7	2.7	223
15A			1.9	1.8	1.7	1.7	0.1	0.1	1.9	1.8	2.1	1.8	1.8	1.6	1.8	1.7	1.7	1.7	3
15B			0.7	0.0	0.3	0.0	0.0	0.0	1.0	1.0	1.0	0.7	1.0	1.0	0.3	1.0	0.7	0.7	1
15C			2.1	2.0	2.1	2.0	0.1	0.0	2.0	3.0	3.5	4.7	4.2	4.1	4.2	4.0	4.1	4.1	2
16		1.4	2.4	2.9	3.3	2.4	2.9	3.3	3.8	4.3	4.8	4.8	4.8	4.8	3.1	3.1	3.1	3.1	170
17			1.5	3	3	2.6	2.9	3.3	4	4.8	5.2	5.6	5.6	5.6	5.1	5.1	5.1	5.1	166
18				0.5	1	1	1.2	1.7	2	2.6	3.1	3.5	3.5	3.5	3.4	3.4	3.4	3.4	364
19			0.8	1.1	1.1	1.1	1.1	1.5	1.8	2.1	2.5	2.6	2.8	3	3.1	3.1	3.1	3.1	340
20				1.1	1.1	1.3	1.6	2.3	2.9	3.9	4.2	4.4	4.9	2.5	2.6	2.6	2.6	2.6	296
21				0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.4	1.6	1.7	2	2	2	2.0	665	
22			0.2	0.3	0.3	0.4	0.7	0.7	0.9	1.2	2.2	2.7	2.9	3.3	3.5	3.5	3.5	3.5	1,070
23			0.9	1.1	1.1	1.3	2.2	2.6	2.9	3.4	4.5	4.5	4.5	4.9	4.9	4.9	4.9	4.9	410
24				0.6	0.6	1.5	1.5	2	2	3.1	3.1	3.6	4.1	3.5	4.2	4.9	5.6	71	
25			0.5	0.5	1	1	1.6	2.1	2.6	3.1	3.7	3.6	4.2	3.1	3.4	3.7	4.7	161	
25A								2.5	2.5	2.8	1.5	1.5	1.5	1.0	1.5	1.4	1.3	2	
26			1.6	1.6	1.6	1.6	1.6	2.3	2.3	2.3	3.1	3.9	4.7	4.7	2.9	3.4	3.8	3.8	119
27			1.8	2.4	2.4	1.2	1.8	1.8	2.4	2.9	2.9	3	3.7	4.9	4.8	4.8	4.8	4.9	62
28			1.4	2.8	3.2	3.2	3.7	4.6	4.6	4.6	5.1	5.1	5.1	5.1	3.5	3.5	3.5	3.5	85
29				0.5	0.5	0.5	1	1	1	1	1	1.3	1.3	1.5	0.9	1.2	1.2	1.3	161
30	0.6	1.1	1.4	1.7	1.9	1.9	1.9	1.9	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.9	3.9	76
31	1.1	0.1	1.2	1.2	1	1	0.7	0.7	0.7	0.7	0.8	1	1	1	0.9	0.9	0.9	0.9	222
32	0.6	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	553
33				0.4	0.6	0.7	1.5	1.9	2.2	2.6	3.4	3.7	3.7	4.1	4.4	4.4	5	5.0	141
34				0.2	0.3	0.4	0.6	0.6	0.7	1.1	1.5	1.6	2	2.6	2.8	3.3	3.3	3.3	270
34A																		6.0	1
35				0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1	1.4	1.4	1.9	2.3	214	
36				0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.9	0.9	1	1.1	601	
37					0.3	0.3	0.5	0.5	0.6	0.8	1.1	1.2	1.3	1.4	1.6	1.7	1.7	603	
37A																		1.0	1
38					0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.7	0.8	0.6	0.7	0.7	0.7	0.7	975
39						0.3	0.4	0.4	0.7	1	1.1	1.3	1.4	1.5	1.5	1.5	1.5	1.5	346
40															0.5	0.7	0.9	1.0	577
41															0.2	0.3	0.3	0.3	2,000
42													1.0	1.3	1.8	2.3	2.3	2.7	303
43													0.04	0.1	0.2	0.3	0.4	0.5	1,281
44																	0.1	0.1	2,016
45																	0.06	0.1	3,540
46																	0.01	0.01	2,695
FM	1	1	1	1	1	1	1	1	1	1	1.4	1.2	1.2	1.1	1	1.1	1.1	1.1	75

¹ Turkey zone timber estimates were re-evaluated in 2004. The new estimates were done using Landsat Imagery of forested land cover.

Table 3. Percent of the harvest composed of adult gobblers, 1990-2007.

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
01	61	57	60	66	78	58	74	73	65	63	70	77	66	76	73	86	69	67
02	79	70	72	73	77	58	74	70	61	53	70	72	64	68	72	81	64	69
03	72	71	71	76	76	65	74	73	72	60	78	79	72	71	76	86	71	70
04	79	73	83	79	84	66	73	73	70	62	77	83	71	70	80	87	73	75
04A			100	100	100	75	93	67	88	80	81	93	74	81	91	100	40	75
05	64	66	76	72	76	65	74	75	69	64	79	82	71	74	80	86	72	73
05A			63	92	70	69	75	73	45	75	100	94	67	77	100	100	50	57
05B					0	0	0	100	0	65	0						100	100
06	55	60	64	65	73	55	74	73	67	65	79	82	77	81	78	89	73	77
07	68	70	61	58	76	55	75	70	68	65	78	83	82	81	80	89	71	74
08	64	62	66	69	70	55	74	66	70	61	77	81	73	78	75	88	70	75
09	62	65	55	60	68	51	59	62	64	67	73	84	76	86	83	93	70	77
10	79	67	77	73	77	49	75	69	59	63	74	72	65	63	75	82	69	62
10A			100	100	43	75	25	33	57		100	100	67	80	100	50	33	50
10B					0	0	100	0	0		100		64					
11	59	60	65	70	73	56	67	72	64	62	64	76	65	67	76	84	69	69
11A					100	0	0	0	0		0							
12	59	52	60	63	68	66	72	78	72	70	73	79	73	70	81	87	79	71
13	60	66	71	65	74	61	69	74	68	64	73	79	75	79	81	88	72	77
13A			75	100	67	60	80	0	67	43	91	100	100	89	62	100	67	67
14	71	74	56	63	64	62	78	77	69	68	80	83	74	83	74	88	64	80
15	75	65	60	56	66	55	71	68	72	65	77	83	76	80	81	87	76	78
15A			0	50	0	60	100	75	75	60	0	80	100	75	100	100	100	100
15B			0	0	0	0	0	0	0	0	0	100	100	100				
15C			0	33	100	100	0	0	50	50	50	75		82	0		40	100
16		82	66	65	65	62	65	71	69	58	74	75	66	65	80	82	72	78
17			68	53	62	46	70	69	71	61	74	77	67	72	76	86	67	77
18				78	72	52	68	71	72	72	75	83	69	78	75	87	70	77
19			77	56	60	53	63	68	65	60	75	75	72	76	79	87	74	73
20					82	53	69	64	69	66	79	77	72	78	76	88	76	78
21					69	62	72	66	65	65	76	81	74	82	79	90	67	75
22				70	76	62	71	76	69	69	79	82	76	80	79	86	72	76
23				75	71	53	67	72	72	73	74	76	70	70	76	85	68	72
24					94	73	73	68	63	58	66	83	71	74	82	87	79	81
25				79	77	76	64	72	67	66	70	79	72	71	74	87	76	80
26			84	73	68	52	66	80	75	58	74	77	62	72	79	87	75	83
27			75	77	67	62	74	76	63	63	58	78	72	65	74	83	74	72
28			73	67	65	61	56	74	68	62	71	81	65	68	78	86	65	76
29				76	63	63	63	70	63	61	67	70	66	69	82	79	66	65
30	83	76	72	62	74	59	63	68	67	66	68	79	69	77	80	89	74	81
31	61	57	43	41	51	51	49	60	53	50	54	63	56	79	65	75	66	68
32	48	56	48	39	60	47	30	58	49	54	61	62	62	87	77	80	68	78
33				77	76	61	73	67	66	63	67	75	64	72	80	87	76	80
34					90	53	59	65	62	62	70	72	75	84	85	90	81	81
34A																		
35					76	57	51	76	63	68	67	75	70	77	77	86	79	80
36					79	46	57	66	57	56	69	71	75	82	77	84	76	79
37						70	64	61	57	64	73	75	68	83	82	88	79	77
37A																		
38						68	65	60	62	46	68	74	64	74	75	81	66	67
39							76	61	54	54	60	75	69	77	75	89	61	68
40										39	73	72	77	76	76	88	69	70
41										63	79	82	80	83	79	87	72	77
42													80	74	73	86	65	74
43													84	74	69	82	72	75
44																	77	70
45																	76	75
46																	72	68
FM ¹	64	82	76	70	76	75	85	77	81	70	82	90	70	89	78	95	74	83
Total	72	68	70	69	74	59	70	71	68	65	74	79	72	76	78	87	72	75

¹ Not in totals

Table 4. The 2007 spring turkey harvest by zone and time period. (Success rate, uncorrected for non-active hunters.)

Zone	A		B		C		D		E		F		Total	
	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success
01	132	26%	139	28%	100	20%	136	27%	130	26%	89	18%	726	24%
02	223	25%	221	25%	164	18%	179	20%	145	16%	105	20%	1,037	21%
03	408	24%	369	21%	358	21%	335	19%	278	16%	236	19%	1,984	20%
04	195	23%	222	26%	192	23%	182	21%	192	22%	126	15%	1,109	22%
4A	3	25%	1	8%	2	17%	0	#DIV/0!	2	#DIV/0!	0	#DIV/0!	8	22%
05	219	22%	208	21%	182	18%	174	17%	127	13%	106	15%	1,016	18%
5A	1	8%	3	23%	3	25%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	7	19%
5B	1	100%	0	#DIV/0!	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	50%
06	322	38%	268	32%	238	28%	222	26%	225	26%	187	22%	1,462	29%
07	466	41%	323	28%	277	24%	227	20%	260	23%	201	18%	1,754	26%
08	184	26%	178	25%	164	23%	154	22%	150	21%	119	17%	949	23%
09	197	49%	131	33%	97	24%	76	19%	60	15%	63	16%	624	26%
10	14	4%	89	25%	64	18%	62	18%	52	18%	20	13%	301	16%
10A	3	38%	2	25%	1	13%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	6	25%
10B	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
11	175	27%	182	28%	141	22%	128	20%	99	16%	59	20%	784	22%
11A	0	#DIV/0!	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
12	242	32%	194	26%	155	21%	164	22%	125	17%	126	17%	1,006	22%
12A	0	0%	0	#DIV/0!	0	0%	1	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	25%
13	148	25%	187	31%	154	26%	163	27%	134	22%	112	23%	898	26%
13A	2	17%	3	25%	4	33%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	9	25%
14	167	28%	118	20%	113	19%	85	14%	103	17%	86	20%	672	19%
15	168	28%	157	26%	133	22%	122	20%	102	17%	89	15%	771	21%
15A	1	20%	2	40%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	3	20%
15B	0	0%	0	#DIV/0!	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
15C	2	12%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	2	4%
16	151	29%	131	25%	133	25%	114	22%	104	20%	132	25%	765	24%
17	310	36%	260	31%	240	28%	218	26%	191	22%	168	20%	1,387	27%
18	348	28%	288	23%	244	20%	203	16%	199	16%	197	16%	1,479	20%
19	489	46%	390	37%	313	30%	313	30%	332	31%	276	26%	2,113	33%
20	291	38%	264	34%	212	28%	168	22%	236	30%	204	26%	1,375	30%
21	512	39%	421	32%	351	27%	270	21%	279	21%	236	18%	2,069	26%
22	1,336	36%	1,138	30%	898	24%	841	22%	791	21%	660	18%	5,664	25%
23	678	34%	531	27%	446	22%	379	19%	376	19%	314	16%	2,724	23%
24	171	43%	154	39%	120	30%	126	32%	117	29%	99	25%	787	33%
25	211	28%	230	31%	158	21%	203	27%	155	21%	169	22%	1,126	25%
25A	4	133%	0	0%	2	67%	1	33%	0	0%	0	#DIV/0!	7	47%
26	243	54%	167	37%	150	33%	111	25%	117	26%	109	24%	897	33%
27	128	43%	88	29%	65	22%	83	28%	73	24%	78	25%	515	28%
28	90	30%	78	26%	74	25%	81	27%	61	20%	51	17%	435	24%
29	45	23%	33	17%	34	17%	35	17%	52	25%	28	14%	227	19%
30	138	46%	100	33%	89	30%	90	30%	89	30%	73	24%	579	32%
31	43	22%	40	20%	26	13%	23	11%	13	6%	20	13%	165	14%
32	59	30%	73	36%	48	24%	34	17%	25	13%	19	10%	258	22%
33	290	41%	243	35%	207	30%	230	33%	214	31%	201	29%	1,385	33%
34	383	43%	355	39%	310	34%	298	33%	287	32%	265	29%	1,898	35%
34A	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
35	228	46%	192	38%	173	35%	160	32%	116	23%	131	26%	1,000	33%
36	273	42%	231	36%	170	26%	136	21%	136	21%	133	20%	1,079	28%
37	472	45%	365	35%	314	30%	302	29%	322	31%	308	29%	2,083	33%
37A	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
37B	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0%
38	277	40%	209	30%	144	21%	131	19%	112	16%	129	18%	1,002	24%
39	164	31%	135	25%	106	20%	100	19%	101	19%	94	18%	700	22%
40	225	41%	174	32%	159	29%	150	27%	123	22%	153	28%	984	30%
41	267	42%	226	36%	116	18%	120	19%	151	24%	80	13%	960	25%
42	387	48%	307	38%	241	30%	234	29%	227	28%	178	22%	1,574	33%
43	339	56%	175	29%	184	31%	167	28%	179	30%	131	21%	1,175	33%
44	128	43%	109	36%	63	21%	56	19%	47	16%	37	12%	440	24%
45	65	33%	55	28%	42	21%	37	19%	23	12%	21	11%	243	20%
46	18	50%	8	23%	13	34%	7	20%	8	23%	8	26%	62	30%
FM	24	30%	38	40%	22	20%	23	23%	8	9%	9	26%	124	24%
Unks	3	0%	8	0%	1	0%	0	0%	4	0%	1	0%	17	0%
Total	12,063	35%	10,213	30%	8,410	24%	7,854	23%	7,452	22%	6,436	20%	52,428	26%

Table 5. Hunter success rates (percent successful) for 1990-2007.

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
01	16	16	18	21	19	23	22	24	30	27	26	22	24	27	25	25	19	24
02	29	23	27	25	21	24	23	19	25	27	26	21	21	21	21	20	19	21
03	22	17	20	22	20	23	23	22	27	29	30	24	21	22	23	20	20	20
04	29	25	24	23	18	20	20	19	23	25	29	24	22	24	25	23	22	22
04A			34	40	22	44	38	42	46	27	43	33	59	58	66	3	14	22
05	17	15	19	21	17	22	23	22	26	28	30	25	22	24	22	18	18	18
05A			22	32	28	35	42	31	30	33	30	41	41	35	42	36	33	19
05B					0	0	0	13	0	0	0	0	0	0	0	0	50	50
06	14	14	17	17	16	22	22	23	31	30	29	29	27	27	24	26	25	29
07	21	21	18	23	21	24	25	27	34	35	33	32	28	28	26	25	24	26
08	19	20	22	19	17	25	25	23	32	34	34	29	28	30	26	25	22	23
09	9	8	9	9	10	14	16	20	27	30	25	26	26	27	28	26	21	26
10	28	22	24	18	14	19	20	19	25	24	24	18	19	19	20	18	19	16
10A			15	16	27	16	44	0	28	0	11	21	13	20	10	8	13	25
10B					50	0	0	0	0	0	17	0	50	0	0	0	0	0
11	21	21	24	21	19	23	26	22	25	25	29	25	22	22	25	20	21	22
11A			0	0	100	0	50	0	0	0	0	0	0	0	0	0	0	0
12	19	20	24	28	28	32	33	28	33	35	34	24	26	25	28	27	24	22
12A									0	0	40	0	0	0	100	0	0	25
13	20	17	19	20	18	23	28	21	26	27	29	27	26	24	26	23	25	26
13A			22	50	33	28	63	0	33	44	34	27	27	25	36	33	25	25
14	14	12	14	17	21	23	25	19	21	24	20	19	21	19	16	17	15	19
15	23	18	19	19	16	25	25	23	27	28	30	26	23	25	25	20	20	21
15A			0	13	0	33	100	0	24	31	11	31	19	29	50	40	27	20
15B			0	0	0	0	0	0	0	0	0	50	40	33	0	0	0	0
15C			0	13	4	4	0	0	8	17	10	7	0	22	2	0	20	4
16		21	20	20	15	25	30	26	27	27	20	24	24	24	27	24	22	24
17			19	15	15	25	26	28	33	32	35	27	28	30	29	26	24	27
18				25	19	23	29	27	32	30	28	23	21	22	21	20	18	20
19			17	17	16	20	23	25	32	32	33	30	29	29	27	27	28	33
20					18	18	20	25	34	32	24	29	27	27	26	27	26	30
21					19	21	22	22	29	35	30	29	28	27	26	24	23	26
22				20	17	21	27	24	32	37	35	30	24	22	24	22	22	25
23				22	16	25	29	27	29	28	29	22	22	22	23	22	20	23
24					24	21	19	23	24	37	31	33	32	37	36	35	31	33
25				20	25	18	22	22	22	33	25	22	22	29	26	28	28	25
25A									23	27	18	28	22	22	42	22	24	47
26			13	13	16	16	22	19	21	28	25	27	23	28	31	30	28	33
27			24	18	13	21	20	24	31	22	27	30	29	30	32	25	23	28
28			23	20	19	22	23	20	23	23	25	23	22	26	29	21	22	24
29				10	11	14	8	11	12	17	19	15	16	19	18	16	16	19
30	22	18	18	20	20	22	23	26	28	28	32	27	28	30	37	35	30	32
31	21	9	11	14	9	12	13	15	18	23	24	18	18	16	14	11	11	14
32	14	9	9	8	9	10	9	13	12	19	23	18	19	16	17	17	16	22
33				34	23	31	29	26	32	32	29	28	28	35	33	34	33	33
34					24	21	23	23	28	33	36	37	38	40	37	38	33	35
34A																		0
35					12	10	21	24	25	30	31	32	27	30	32	31	32	33
36					16	21	17	18	22	24	28	31	31	28	25	25	26	28
37						21	20	19	29	36	36	32	28	33	31	30	31	33
37A																		0
37B																		0
38						18	13	13	26	24	27	23	23	21	23	19	21	24
39							21	17	25	26	25	22	20	21	18	16	19	22
40										26	26	29	30	30	31	29	25	30
41										21	36	29	31	36	27	22	22	25
42														35	30	26	29	33
43													41	37	33	31	32	33
44																	27	24
45																	19	20
46																	31	30
FM	12	19	22	29	30	41	40	25	32	32	29	28	25	24	25	28	22	24
Total	22	19	20	20	18	22	24	23	28	30	29	26	25	25	25	24	23	26

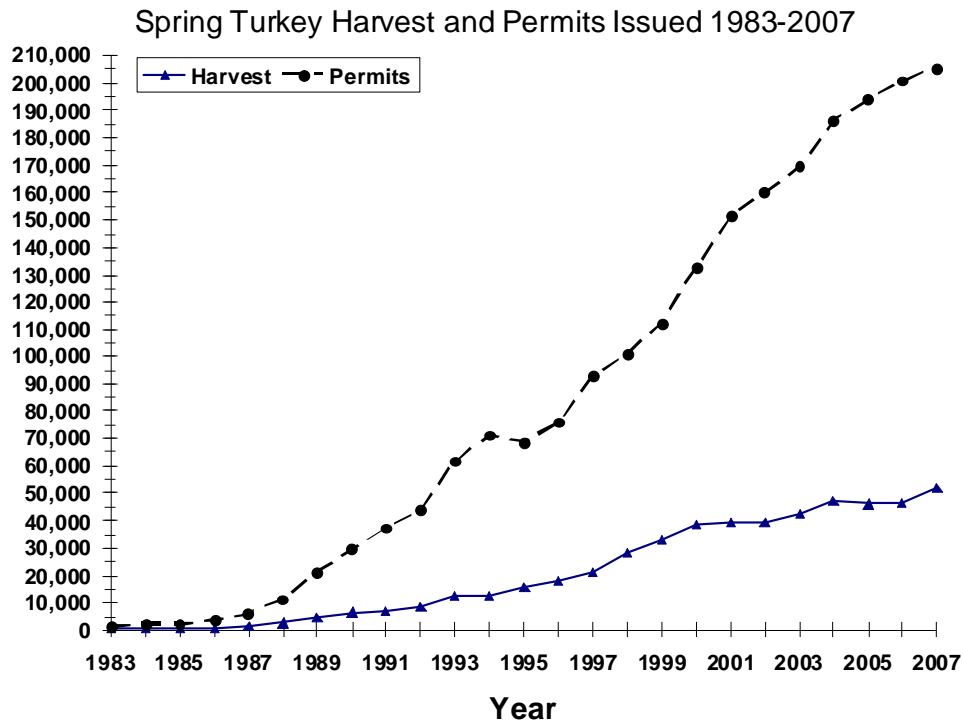


Figure 2. Spring turkey permits issued and harvest, 1983-2007.

Table 6. Historical number of permits issued, harvest, and permit success for spring turkey hunting, 1983-2007.

Year	Permits	Harvest	Permit Success
1983	1,200	182	15.2%
1984	1,950	303	15.5%
1985	2,025	496	24.5%
1986	3,675	793	21.6%
1987	6,040	1,478	24.5%
1988	11,070	2,486	22.5%
1989	21,280	4,400	20.7%
1990	29,877	6,465	21.6%
1991	37,414	6,846	18.3%
1992	43,925	8,798	20.0%
1993	61,767	12,316	19.9%
1994	71,420	12,637	17.7%
1995	68,588	15,323	22.3%
1996	75,812	18,000	23.7%
1997	92,734	20,992	22.6%
1998	101,141	28,338	28.0%
1999	112,256	33,168	29.5%
2000	132,318	38,686	29.2%
2001	151,522	39,211	25.9%
2002	160,101	39,336	24.6%
2003	169,277	42,970	25.4%
2004	186,608	47,477	25.4%
2005	193,826	46,183	23.8%
2006	200,869	46,662	23.2%
2007	205,306	52,428	25.5%