Spring Turkey Harvest Report
2008

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Abstract

A record total of 52,880 turkeys were harvested during the 2008 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 25%, based on a record total of 208,972 permits issued. Hunter success rates of 20% or above occurred in all but 6 of the zones. Highest success rates per hunting period occurred in the first two periods of the season. Eighty-one percent of the harvested males were adults, up from the 75% harvested in 2007. One hunting accident occurred during the spring season, the accident was a hunter shooting them self.

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 208,972 permits were issued in 2008 compared to 205,306 in 2007 and 200,869 in 2006. A total of 169,381 applications were received for the spring hunt. There were 156,585 permits issued to these applicants by mail. A total of 12,796 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. Twelve zones were oversubscribed in 2008.

This was the third 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 52,387 permits were issued this way.

Permit Selection

All applicants were required to pay a $3 application fee for a spring turkey permit application to enter the preference drawing. Preference for permits was given first to landowners (up to 30% of permits available per zone), followed by residents who applied for but did not receive a permit in the spring of 2007, 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 81% of the 2008 spring turkey harvest (Table 3). This proportion is higher than the 2007 level of 75%. Harvests comprised of 70% adults are more typical of years following normal recruitment. The change in the percent adults in the 2008 harvest did not match with the increase in recruitment in 2007. Hunters being more selective in harvesting turkeys in the spring and selecting adult Toms may have affected this ratio.

Harvest and Success Rates

The 2008 spring turkey harvest was 52,880 birds taken (Figure 2, Table 6). This is a new record harvest total for the state, and above the 52,428 take in 2007. The hunter success rate of 25% was higher than predicted and lower than in 2007 (26%).

Good hunter success rates (defined as above 20%) occurred in all but 18 of the 62 zones open to spring hunting (Table 5). Thirteen 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 33% and 28%, respectively. A late arriving spring which may have delayed the spring breeding and heavy rain events may have affected hunter success during the first three hunting periods, else normal to above average temperatures and average rainfall greeted hunters during the rest of the spring season. No other major weather events should have affected harvest in any of the time periods. Recruitment was normal to slightly above normal in 2007, but harsh winter weather, particularly deep and persistent snow in the south, may have affected local turkey numbers.

A statewide youth turkey hunt was held for the second time in the spring of 2008. All youth ages 12-15 who had obtained a Hunter's Ed card and held a valid turkey permit and license were eligible to hunt. Youth were restricted to the zone of their valid turkey permit but the permit could be from any time period. The hunt occurred on the 12-13th of April, with 1,696 turkeys being harvested (Table 4). All unused permits were still valid for the zone and time period of issuance.

Successful restoration of the wild turkey resulted from tremendous hunter and landowner support, good survival, and high quality habitat. Turkey populations continue to flourish because of an increased interest by landowners, and the hard work of DNR wildlife managers to create and restore turkey habitat. Turkey stamp funds have been providing opportunities for turkey management in Wisconsin since 1995. Over $1,220,000 was allocated to over 110 Turkey Stamp projects during fiscal year 2006 and 2007.

Accidents

There was one hunting accident during the 2008 spring turkey hunt. The one accident was self inflicted when the hunter tripped on something and fell on the shotgun which discharged. Turkey hunting continues to be a very safe sport with less than 3 accidents per 100,000 permits.

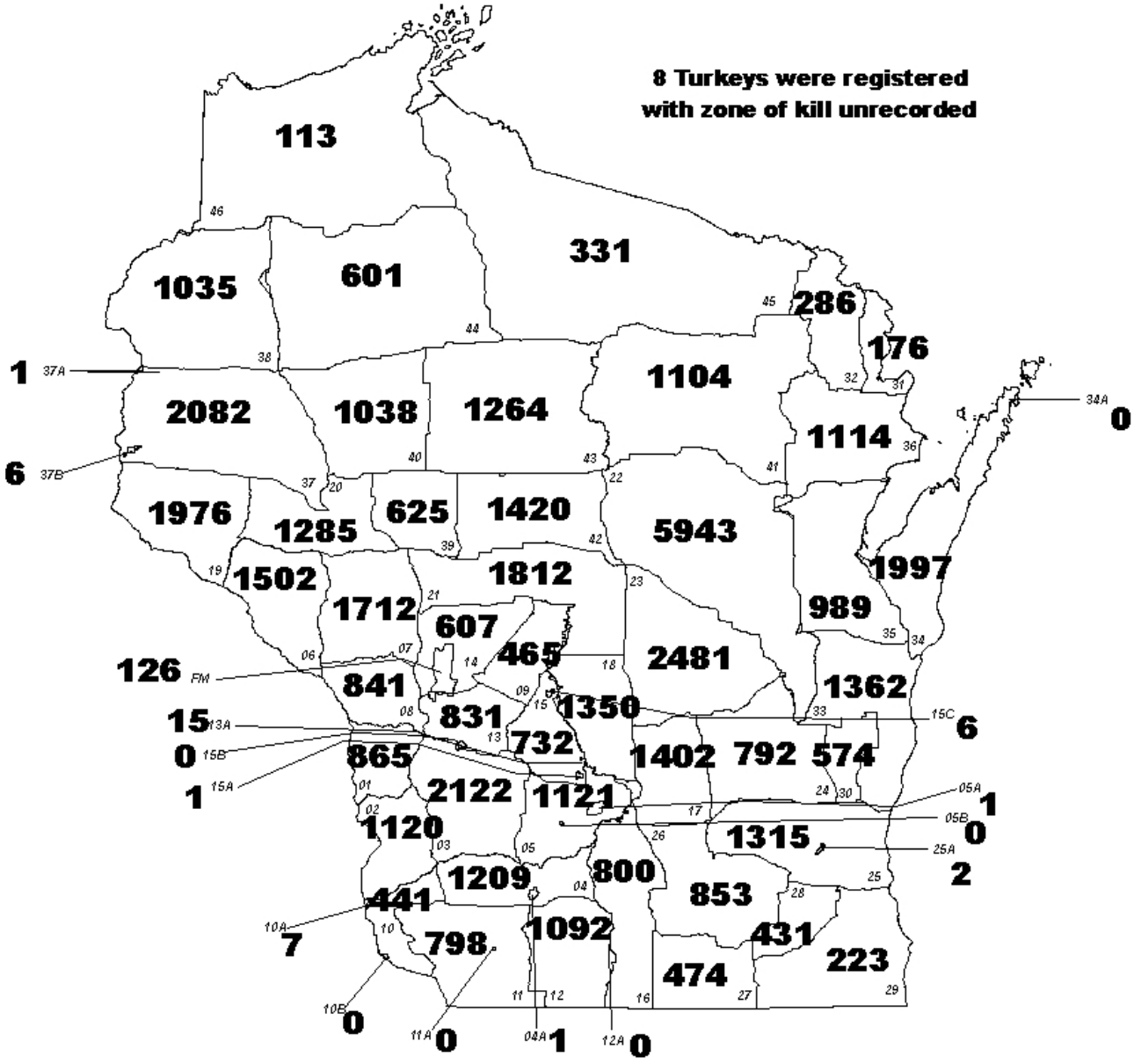

Figure 1. *Spring Turkey harvest by zone, 2008.*

Table 1. *Total number of spring turkey permits issued, 1990-2008.*

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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	3,207
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	4,881
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	9,672
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	5,108
04A			38	38	36	36	37	36	37	37	37	43	39	36	35	36	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	5,588
05A			36	37	36	37	38	36	37	36	40	39	37	37	38	36	36	37	36
05B					5	2	7	8	10	7	6	6	6	4	3	5	2	2	4
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	5,047
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	6,844
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	4,201
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	2,399
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	1,817
10A			27	25	26	25	9	0	25	25	28	24	24	25	20	24	24	24	26
10B					2	2	0	0	6	8	6	4	2	2	1	3	2	1	6
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	3,412
11A					1	0	2	0	3	3	3	1	3	3	1	6	2	1	3
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	4,503
12A									6	6	5	2	6	7	1	6	3	4	6
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	3,471
13A			18	20	18	18	8	5	18	32	32	37	37	36	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	3,330
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	3,531
15A			17	16	15	15	1	1	17	16	19	16	16	14	16	15	15	15	15
15B			2	0	1	0	0	0	3	3	3	2	3	3	1	3	2	2	3
15C			25	24	25	24	1	0	24	36	42	56	50	49	50	48	49	49	48
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	3,156
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	5,108
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	7,373
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	6,309
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	4,622
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	7,803
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	23,294
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	12,012
24					300	301	451	450	600	600	905	904	1,050	1,202	1,535	1,800	2,100	2,400	2,700
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	5,108
25A									30	30	34	18	18	18	12	18	17	15	18
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	2,700
27			301	600	600	300	451	450	600	720	721	728	903	1,199	1,808	1,800	1,802	1,809	1,802
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	1,800
29				288	300	301	601	600	601	602	606	748	750	898	905	1,200	1,202	1,214	1,203
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	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	1,106
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	1,502
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	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	5,416
34A																		18	18
35					300	241	242	300	451	540	696	1,054	1,350	1,501	1,840	1,800	2,400	3,000	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	3,906
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	6,613
37A																		6	6
37B																			24
38						576	575	575	596	903	1,210	1,807	2,100	2,400	3,314	3,900	3,902	4,209	4,502
39							577	875	896	1,505	2,107	2,405	2,701	3,209	3,224	3,204	3,214	3,210	3,181
40										90	152	304	604	1,201	1,802	2,400	3,010	3,317	3,601
41										91	181	303	603	1,201	2,736	3,600	3,602	3,780	4,208
42													1,801	2,400	3,312	4,200	4,214	4,824	4,800
43													300	901	1,843	2,400	3,002	3,612	4,204
44																	1,200	1,801	2,403
45																	1,203	1,200	1,500
46																	150	210	360
FM	181	243	223	212	222	235		449	463	463	610	555	555	482	465	510	510	510	384
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	208,972

Table 2. *Number of spring turkey permits allocated/mile^2 of timber/time period for 1990-2008.*

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004[1]	2005[1]	2006[1]	2007[1]	2008[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	3.1	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	3.3	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	4.0	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	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	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	3.7	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	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	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	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	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	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	2.6	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	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	3.9	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	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	3.3	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	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	1.7	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	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	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	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	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	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	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	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	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	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	3.7	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	6.3	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	5.3	161
25A									2.5	2.5	2.8	1.5	1.5	1.5	1.0	1.5	1.4	1.3	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	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	4.8	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	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	1.2	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	4.0	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	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	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	5.0	5.0	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	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	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	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	1.8	603
37A																		1.0	1.0	1
37B																				
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	0.8	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	1.6	346
40															0.5	0.7	0.9	1.0	1.0	577
41															0.2	0.3	0.3	0.3	0.4	2,000
42													1.0	1.3	1.8	2.3	2.3	2.7	2.6	303
43													0.04	0.1	0.2	0.3	0.4	0.5	0.6	1,281
44																	0.1	0.1	0.2	2,016
45																	0.06	0.1	0.1	3,540
46																	0.01	0.01	0.02	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	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, 1990-2008.*

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
01	61	57	60	66	78	58	74	73	65	63	70	77	66	76	73	86	69	67	74
02	79	70	72	73	77	58	74	70	61	53	70	72	64	68	72	81	64	69	74
03	72	71	71	76	76	65	74	73	72	60	78	79	72	71	76	86	71	70	79
04	79	73	83	79	84	66	73	73	70	62	77	83	71	70	80	87	73	75	78
04A			100	100	100	75	93	67	88	80	81	93	74	81	91	100	40	75	100
05	64	66	76	72	76	65	74	75	69	64	79	82	71	74	80	86	72	73	77
05A			63	92	70	69	75	73	45	75	100	94	67	77	100	100	50	57	100
05B					0	0	0	100	0	65	0						100	100	0
06	55	60	64	65	73	55	74	73	67	65	79	82	77	81	78	89	73	77	82
07	68	70	61	58	76	55	75	70	68	65	78	83	82	81	80	89	71	74	80
08	64	62	66	69	70	55	74	66	70	61	77	81	73	78	75	88	70	75	74
09	62	65	55	60	68	51	59	62	64	67	73	84	76	86	83	93	70	77	88
10	79	67	77	73	77	49	75	69	59	63	74	72	65	63	75	82	69	62	68
10A			100	100	43	75	25	33	57		100	100	67	80	100	50	33	50	57
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	76
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	78
13	60	66	71	65	74	61	69	74	68	64	73	79	75	79	81	88	72	77	81
13A			75	100	67	60	80	0	67	43	91	100	100	89	62	100	67	67	60
14	71	74	56	63	64	62	78	77	69	68	80	83	74	83	74	88	64	80	84
15	75	65	60	56	66	55	71	68	72	65	77	83	76	80	81	87	76	78	84
15A			0	50	0	60	100	75	75	60	0	80	100	75	100	100	100	100	100
15B			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	83
16		82	66	65	65	62	65	71	69	58	74	75	66	65	80	82	72	78	79
17			68	53	62	46	70	69	71	61	74	77	67	72	76	86	67	77	79
18				78	72	52	68	71	72	72	75	83	69	78	75	87	70	77	78
19			77	56	60	53	63	68	65	60	75	75	72	76	79	87	74	73	81
20					82	53	69	64	69	66	79	77	72	78	76	88	76	78	80
21					69	62	72	66	65	65	76	81	74	82	79	90	67	75	85
22				70	76	62	71	76	69	69	79	82	76	80	79	86	72	76	85
23				75	71	53	67	72	72	73	74	76	70	70	76	85	68	72	76
24					94	73	73	68	63	58	66	83	71	74	82	87	79	81	84
25				79	77	76	64	72	67	66	70	79	72	71	74	87	76	80	82
26			84	73	68	52	66	80	75	58	74	77	62	72	79	87	75	83	78
27			75	77	67	62	74	76	63	63	58	78	72	65	74	83	74	72	76
28			73	67	65	61	56	74	68	62	71	81	65	68	78	86	65	76	76
29				76	63	63	63	70	63	61	67	70	66	69	82	79	66	65	61
30	83	76	72	62	74	59	63	68	67	66	68	79	69	77	80	89	74	81	83
31	61	57	43	41	51	51	49	60	53	50	54	63	56	79	65	75	66	68	61
32	48	56	48	39	60	47	30	58	49	54	61	62	62	87	77	80	68	78	82
33				77	76	61	73	67	66	63	67	75	64	72	80	87	76	80	83
34					90	53	59	65	62	62	70	72	75	84	85	90	81	81	86
34A																			
35					76	57	51	76	63	68	67	75	70	77	77	86	79	80	86
36					79	46	57	66	57	56	69	71	75	82	77	84	76	79	82
37						70	64	61	57	64	73	75	68	83	82	88	79	77	84
37A																			100
37B																			67
38						68	65	60	62	46	68	74	64	74	75	81	66	67	75
39							76	61	54	54	60	75	69	77	75	89	61	68	81
40										39	73	72	77	76	76	88	69	70	82
41										63	79	82	80	83	79	87	72	77	85
42													80	74	73	86	65	74	83
43													84	74	69	82	72	75	85
44																	77	70	77
45																	76	75	77
46																	72	68	81
FM[1]	64	82	76	70	76	75	85	77	81	70	82	90	70	89	78	95	74	83	89
Total	72	68	70	69	74	59	70	71	68	65	74	79	72	76	78	87	72	75	81

[1] Not in totals

Table 4. *The 2008 spring turkey harvest by zone and time period. (Success rate, uncorrected for non-active hunters.)*

	A		B		C		D		E		F		Special Hunts		Total	
Zone	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Kill	% Success	Learn to Hunt	Youth Hunt	Kill	% Success
01	175	32%	121	22%	213	39%	111	20%	130	24%	94	21%	14	7	**865**	**27%**
02	303	34%	207	23%	171	19%	168	19%	157	18%	75	18%	3	36	**1,120**	**23%**
03	506	29%	464	27%	347	20%	285	16%	298	17%	175	17%	1	46	**2,122**	**22%**
04	320	38%	199	23%	218	26%	160	19%	156	18%	116	14%	1	39	**1,209**	**24%**
4A	0	0%	0	0%	1	8%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**1**	**3%**
05	299	30%	247	25%	183	18%	145	14%	136	14%	84	14%	0	27	**1,121**	**20%**
5A	0	0%	1	8%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**1**	**3%**
5B	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
06	295	35%	226	27%	217	26%	229	27%	248	29%	241	29%	1	45	**1,502**	**30%**
07	388	34%	302	26%	275	24%	227	20%	265	23%	200	18%	0	55	**1,712**	**25%**
08	112	16%	167	24%	150	21%	142	20%	144	21%	97	14%	0	29	**841**	**20%**
09	122	31%	89	22%	85	21%	59	15%	50	13%	47	12%	0	13	**465**	**19%**
10	113	32%	80	23%	98	28%	67	19%	57	21%	20	14%	0	6	**441**	**24%**
10A	3	30%	4	50%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**7**	**27%**
10B	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
11	193	30%	125	19%	145	22%	140	22%	115	21%	56	21%	0	24	**798**	**23%**
11A	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
12	247	33%	208	28%	156	21%	178	24%	132	18%	130	17%	8	33	**1,092**	**24%**
12A	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
13	195	33%	148	25%	111	19%	139	23%	123	21%	99	21%	0	16	**831**	**24%**
13A	7	58%	5	42%	3	25%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**15**	**42%**
14	189	32%	109	18%	87	15%	89	15%	67	11%	48	15%	1	17	**607**	**18%**
15	165	28%	157	26%	120	20%	90	15%	111	18%	66	13%	0	23	**732**	**21%**
15A	0	0%	1	20%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**1**	**7%**
15B	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
15C	2	13%	3	19%	1	6%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**6**	**13%**
16	156	30%	174	33%	139	26%	90	17%	112	21%	92	17%	0	37	**800**	**25%**
17	301	35%	274	32%	230	27%	180	21%	201	24%	169	20%	1	46	**1,402**	**27%**
18	307	25%	265	21%	214	17%	164	13%	194	15%	168	15%	0	38	**1,350**	**18%**
19	442	42%	305	29%	309	29%	271	26%	291	28%	282	27%	0	76	**1,976**	**31%**
20	258	34%	224	29%	190	25%	182	24%	223	29%	158	20%	0	50	**1,285**	**28%**
21	432	33%	356	27%	278	21%	231	18%	259	20%	182	14%	3	71	**1,812**	**23%**
22	1,386	35%	1,151	29%	976	24%	863	22%	757	19%	555	17%	52	203	**5,943**	**26%**
23	611	31%	495	25%	445	22%	288	14%	286	14%	258	13%	0	98	**2,481**	**21%**
24	182	40%	173	38%	134	30%	99	22%	93	21%	81	18%	9	21	**792**	**29%**
25	258	30%	236	28%	205	24%	182	21%	201	23%	174	20%	4	55	**1,315**	**26%**
25A	1	33%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0	**2**	**11%**
26	186	41%	155	34%	111	25%	136	30%	101	22%	109	24%	10	45	**853**	**32%**
27	103	34%	90	30%	87	29%	37	12%	71	24%	55	18%	0	31	**474**	**26%**
28	102	34%	81	27%	71	24%	58	19%	53	18%	55	18%	0	11	**431**	**24%**
29	44	22%	38	19%	34	17%	30	15%	44	22%	25	12%	0	8	**223**	**19%**
30	112	37%	101	34%	104	35%	92	31%	70	23%	57	19%	7	31	**574**	**32%**
31	42	21%	38	19%	22	11%	33	16%	23	12%	15	14%	0	3	**176**	**16%**
32	60	24%	51	20%	39	16%	45	18%	21	8%	63	25%	0	7	**286**	**19%**
33	278	40%	236	34%	236	34%	209	30%	183	26%	163	23%	10	47	**1,362**	**32%**
34	367	41%	370	41%	350	39%	302	34%	261	29%	265	29%	0	82	**1,997**	**37%**
34A	0	0%	0	0%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**0**	**0%**
35	220	44%	169	34%	175	35%	163	33%	123	25%	82	16%	10	47	**989**	**33%**
36	245	38%	235	36%	175	27%	125	19%	148	23%	132	20%	12	42	**1,114**	**29%**
37	415	38%	330	30%	365	33%	286	26%	330	30%	303	27%	10	43	**2,082**	**31%**
37A	0	0%	1	50%	0	0%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**1**	**17%**
37B	0	0%	1	13%	5	63%	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	**6**	**25%**
38	275	37%	207	28%	151	20%	119	16%	119	16%	136	18%	2	26	**1,035**	**23%**
39	148	27%	114	21%	109	20%	92	17%	92	17%	59	14%	3	8	**625**	**20%**
40	204	34%	177	30%	161	27%	136	23%	163	27%	151	25%	14	32	**1,038**	**29%**
41	248	35%	223	32%	177	25%	159	23%	140	20%	119	17%	8	30	**1,104**	**26%**
42	271	34%	268	34%	273	34%	218	27%	193	24%	151	19%	6	40	**1,420**	**30%**
43	263	38%	212	30%	208	30%	177	25%	183	26%	166	24%	22	33	**1,264**	**30%**
44	149	37%	96	24%	102	26%	93	23%	84	21%	59	15%	6	12	**601**	**25%**
45	73	29%	79	32%	70	28%	40	16%	37	15%	26	10%	2	4	**331**	**22%**
46	27	45%	20	33%	19	32%	22	37%	12	20%	7	12%	4	2	**113**	**31%**
FM	31	36%	43	47%	19	21%	19	25%	6	32%	8	38%	0	0	**126**	**33%**
Unks	1	0%	3	0%	2	0%	1	0%	0	0%	0	0%	0	1	**8**	**0%**
Total	**11,832**	**33%**	**9,854**	**28%**	**8,766**	**25%**	**7,372**	**21%**	**7,263**	**21%**	**5,873**	**19%**	**224**	**1,696**	**52,880**	**25%**

Table 5. *Hunter success rates (percent successful) for 1990-2008.*

Zone	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
01	16	16	18	21	19	23	22	24	30	27	26	22	24	27	25	25	19	24	27
02	29	23	27	25	21	24	23	19	25	27	26	21	21	21	21	20	19	21	23
03	22	17	20	22	20	23	23	22	27	29	30	24	21	22	23	20	20	20	22
04	29	25	24	23	18	20	20	19	23	25	29	24	22	24	25	23	22	22	24
04A			34	40	22	44	38	42	46	27	43	33	59	58	66	3	14	22	3
05	17	15	19	21	17	22	23	22	26	28	30	25	22	24	22	18	18	18	20
05A			22	32	28	35	42	31	30	33	30	41	41	35	42	36	33	19	3
05B					0	0	0	13	0	0	0	0	0	0	0	0	50	50	0
06	14	14	17	17	16	22	22	23	31	30	29	29	27	27	24	26	25	29	30
07	21	21	18	23	21	24	25	27	34	35	33	32	28	28	26	25	24	26	25
08	19	20	22	19	17	25	25	23	32	34	34	29	28	30	26	25	22	23	20
09	9	8	9	9	10	14	16	20	27	30	25	26	26	27	28	26	21	26	19
10	28	22	24	18	14	19	20	19	25	24	24	18	19	19	20	18	19	16	24
10A			15	16	27	16	44	0	28	0	11	21	13	20	10	8	13	25	27
10B					50	0	0	0	0	0	17	0	50	0	0	0	0	0	0
11	21	21	24	21	19	23	26	22	25	25	29	25	22	22	25	20	21	22	23
11A			0	0	100	0	50	0	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	24
12A									0	0	40	0	0	0	100	0	0	25	0
13	20	17	19	20	18	23	28	21	26	27	29	27	26	24	26	23	25	26	24
13A			22	50	33	28	63	0	33	44	34	27	27	25	36	33	25	25	42
14	14	12	14	17	21	23	25	19	21	24	20	19	21	19	16	17	15	19	18
15	23	18	19	19	16	25	25	23	27	28	30	26	23	25	25	20	20	21	21
15A			0	13	0	33	100	0	24	31	11	31	19	29	50	40	27	20	7
15B			0	0	0	0	0	0	0	0	0	50	40	33	0	0	0	0	0
15C			0	13	4	4	0	0	8	17	10	7	0	22	2	0	20	4	13
16		21	20	20	15	25	30	26	27	27	20	24	24	24	27	24	22	24	25
17			19	15	15	25	26	28	33	32	35	27	28	30	29	26	24	27	27
18				25	19	23	29	27	32	30	28	23	21	22	21	20	18	20	18
19			17	17	16	20	23	25	32	32	33	30	29	29	27	27	28	33	31
20					18	18	20	25	34	32	24	29	27	27	26	27	26	30	28
21					19	21	22	22	29	35	30	29	28	27	26	24	23	26	23
22				20	17	21	27	24	32	37	35	30	24	22	24	22	22	25	26
23				22	16	25	29	27	29	28	29	22	22	22	23	22	20	23	21
24					24	21	19	23	24	37	31	33	32	37	36	35	31	33	29
25				20	25	18	22	22	22	33	25	22	22	29	26	28	28	25	26
25A									23	27	18	28	22	22	42	22	24	47	11
26			13	13	16	16	22	19	21	28	25	27	23	28	31	30	28	33	32
27			24	18	13	21	20	24	31	22	27	30	29	30	32	25	23	28	26
28			23	20	19	22	23	20	23	23	25	23	22	26	29	21	22	24	24
29				10	11	14	8	11	12	17	19	15	16	19	18	16	16	19	19
30	22	18	18	20	20	22	23	26	28	28	32	27	28	30	37	35	30	32	32
31	21	9	11	14	9	12	13	15	18	23	24	18	18	16	14	11	11	14	16
32	14	9	9	8	9	10	9	13	12	19	23	18	19	16	17	17	16	22	19
33				34	23	31	29	26	32	32	29	28	28	35	33	34	33	33	32
34					24	21	23	23	28	33	36	37	38	40	37	38	33	35	37
34A																		0	0
35					12	10	21	24	25	30	31	32	27	30	32	31	32	33	33
36					16	21	17	18	22	24	28	31	31	28	25	25	26	28	29
37						21	20	19	29	36	36	32	28	33	31	30	31	33	31
37A																		0	17
37B																		0	25
38						18	13	13	26	24	27	23	23	21	23	19	21	24	23
39							21	17	25	26	25	22	20	21	18	16	19	22	20
40										26	26	29	30	30	31	29	25	30	29
41										21	36	29	31	36	27	22	22	25	26
42													35	30	27	26	29	33	30
43													41	37	33	31	32	33	30
44																	27	24	25
45																	19	20	22
46																	31	30	31
FM	12	19	22	29	30	41	40	25	32	32	29	28	25	24	25	28	22	24	33
Total	22	19	20	20	18	22	24	23	28	30	29	26	25	25	25	24	23	26	25

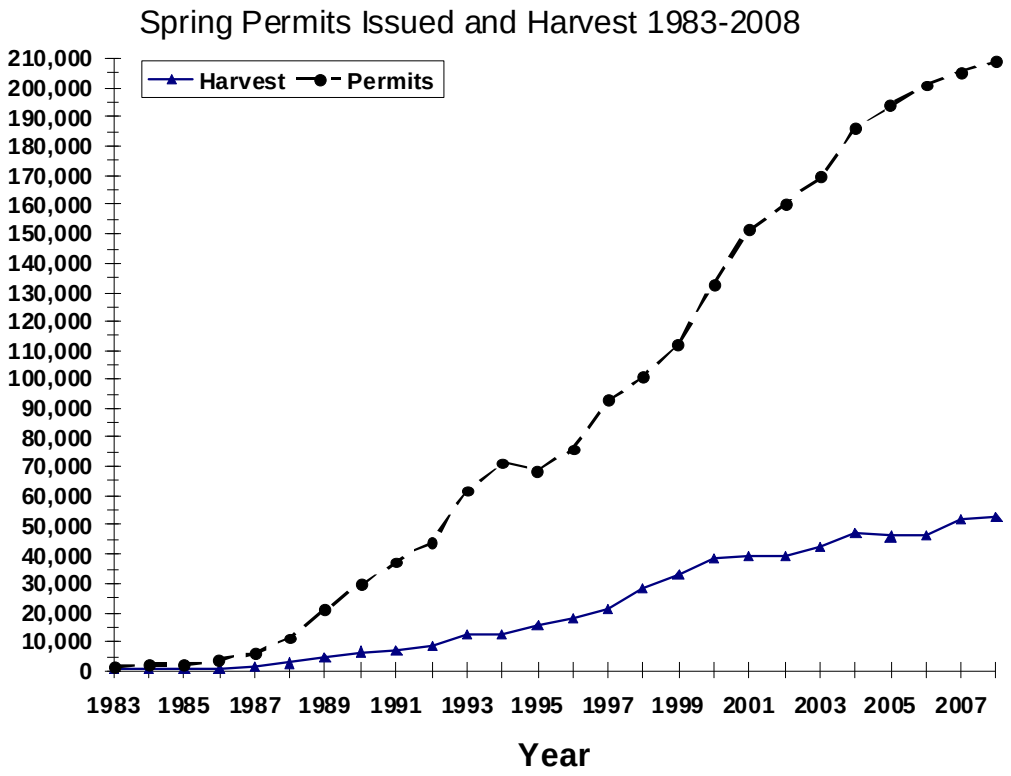

Figure 2. *Spring turkey permits issued and harvest, 1983-2008.*

Table 6. *Historical number of permits issued, harvest, and permit success for spring turkey hunting, 1983-2008.*

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%
2008	208,972	52,880	25.3%