

# SUMMARY OF 2009-10 OHIO DEER SEASONS



PUBLICATION 304 (R610)

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Ted Strickland, Governor • Sean D. Logan, Director  
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## Mission Statement

*We are dedicated to conserving and improving the fish and wildlife resources and their habitats, and promoting their use and appreciation by the people so that these resources continue to enhance the quality of life for all Ohioans.*

## OUR MANAGEMENT STRATEGY

The goal of Ohio's deer program is to provide a deer population that maximizes recreational opportunity including viewing, photographing, and hunting while minimizing conflicts with agriculture, motor travel, and other areas of human endeavor. This has been our goal for over 40 years. Farmer attitude surveys are used to establish and update population goals for most counties. We believe these goals represent a reasonable compromise between interests with opposing opinions on appropriate deer population levels. Furthermore, although these goals are based on social values, the resulting populations have never exceeded the biological carrying capacity of the habitat. Deer herd condition data collected annually and through periodic studies confirm this. Our deer management goal ensures that Ohio's deer herd is maintained at a level that is acceptable to most, and biologically sound. Maintaining the deer population at or near goal is accomplished through harvest management.



## SEASONS, PERMITS, AND BAG LIMITS

A valid hunting license (resident = \$19, nonresident = \$125) and Special Deer Permit (\$24) are required (land-owners are exempt) to hunt deer in Ohio. Hunters were required to purchase at least 1 Special Deer Permit (\$24) before purchasing the \$15 antlerless permit. Hunters were allowed only 1 antlered deer.

Hunters had the opportunity to harvest deer during any of Ohio's 5 seasons including: archery Sep. 26, 2009 - Feb. 7, 2010, early muzzleloader Oct. 19-24, gun Nov. 30 - Dec. 6, bonus gun Dec. 19-20, and muzzleloader Jan. 9-12. Young (17 and under) hunters had the opportunity to participate in the statewide youth season Nov. 21-22. All seasons were either-sex and with the exception of the early muzzleloader season, all seasons were statewide. The early muzzleloader season was restricted to Shawnee State Forest, Wolf Creek Wildlife Area/Wildcat Hollow, and Salt Fork Wildlife Area. Hunters were not required to apply for a permit to hunt the early muzzleloader season.



The \$15 antlerless permit was available once again this year. Permits were good for an antlerless deer only and were valid statewide during the first 9 weeks of the archery season. Unfilled permits could be used during deer gun season in Zone C only. Permits had to be purchased before gun season started, howev-

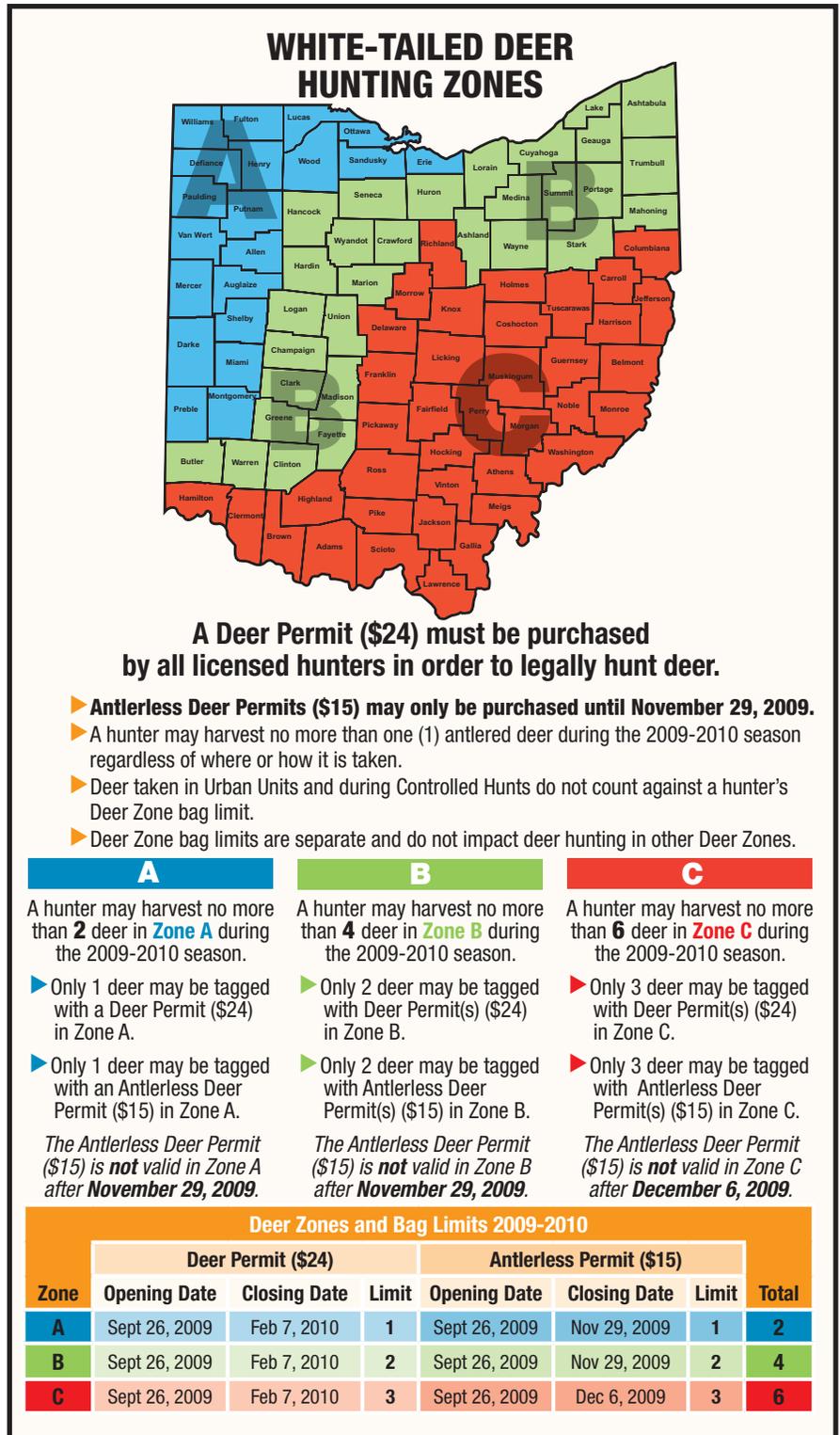


Figure 1. Ohio's 2009-10 deer zones and permit structure as presented in the Ohio Hunting and Trapping Regulation, Publication 85.

er. Antlerless permits could also be used in any of the 5 Urban Deer units and during many Division of Wildlife special and controlled hunts, including the early muzzleloader season.



the list of top 5 harvest counties for vertical bow. These counties held the same spots in 2008. Crossbow hunters also set another record this year, with their harvest of 49,065 deer, 7% more than last year. Licking County led the state with 1,946 deer. Coshocton, Tuscarawas, Harrison, and Guernsey rounded out the top 5 harvest counties for crossbow. There were 25,006 deer harvested during the 4-day statewide muzzleloader season, January 9-12 (Table 1). In spite of bitter cold temperatures and deep snow across much of the state, muzzleloader hunters broke a 4-year slide and set a harvest record this year. The muzzleloader season returned to January this year after a 13-year break. Guernsey County knocked Coshocton out of the number 1 spot with a harvest of 989 deer during the 4-day January hunt. Harrison, Coshocton, Tuscarawas, and Belmont, counties rounded out the top 5 (Table 2). Young hunters harvested 9,269 deer, down just over 4% from last season.



This is the second year in a row that the youth harvest has declined, in spite of increases in the total season harvest. Top spots for youth hunters were Tuscarawas, Guernsey, Muskingum, Coshocton, and Washington counties. The Division of Wildlife issued 624,908 deer permits in license year 2009-10 (Appendix B on page 15), 2% more than last year. Senior and regular \$15 antlerless permit sales increased 12% and 10%, respectively (Fig. 3). Youth and \$24 special deer permits sales were flat and 5% fewer \$24 special deer permits were issued to seniors this year.

Table 2. Ohio's 2009-10 antlered and antlerless deer harvest by season for the top 5 total harvest counties.

SEASON	COUNTY	ANTLERED		ANTLERLESS	
		2008	2009	2008	2009
BONUS GUN	Tuscarawas	155	166	504	546
	Coshocton	188	177	509	513
	Knox	118	162	347	500
	Harrison	162	162	457	483
	Carroll	124	159	392	431
GUN	Coshocton	1,545	1,494	3,383	3,282
	Tuscarawas	1,305	1,249	3,153	3,012
	Muskingum	1,334	1,265	2,647	2,838
	Guernsey	1,322	1,235	2,741	2,797
	Harrison	1,240	1,266	2,642	2,654
CROSSBOW	Licking	658	799	894	1,147
	Coshocton	577	650	887	920
	Tuscarawas	606	674	826	881
	Harrison	509	579	671	745
	Guernsey	554	575	653	682
VERTICAL BOW	Licking	602	680	1,100	1,125
	Coshocton	534	536	849	849
	Tuscarawas	407	421	797	862
	Knox	396	449	740	755
	Holmes	302	346	756	783
MUZZLELOADER	Guernsey	151	228	448	761
	Harrison	175	207	524	772
	Coshocton	185	209	596	710
	Tuscarawas	169	191	546	702
	Belmont	167	193	476	678
YOUTH	Tuscarawas	153	129	193	177
	Guernsey	134	145	190	154
	Muskingum	135	145	179	150
	Coshocton	112	128	199	165
	Washington	106	172	129	101
TOTAL	Coshocton	3,141	3,194	6,423	6,439
	Tuscarawas	2,795	2,830	6,019	6,180
	Licking	2,745	2,952	5,222	5,638
	Guernsey	2,644	2,782	4,957	5,507
	Harrison	2,520	2,651	4,934	5,392

*For the 10th consecutive year, vertical bow hunters have set harvest records*



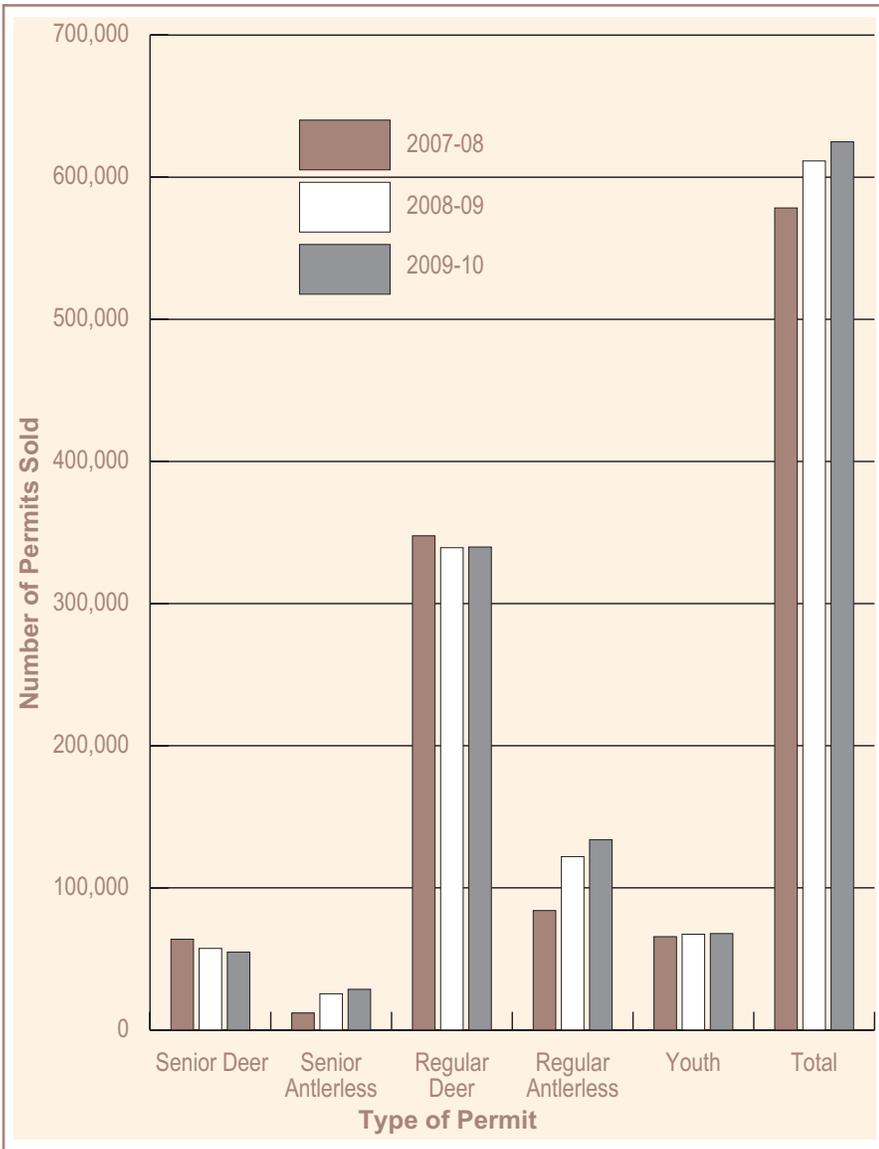


Figure 3. Deer permit sales for 2007-08, 2008-09, and 2009-10.



Table 3. Estimated annual mortality rate of antlered deer, preseason adult (1.5 years old and older) sex ratio, and fawns per adult doe in the gun season harvest sample. Estimates are based on 6,043 deer sampled during the 2009-10 gun season.

Variable	Region		
	EC-Southeast	Northeast	Western
<b>Adult buck mortality rate<sup>1</sup></b>			
5-year average <sup>2</sup>	0.48	0.51	0.57
2009	0.42	0.51	0.52
<b>Adult sex ratio</b>			
5-year average	1.48	1.48	1.52
2009	1.56	1.69	1.45
<b>Fawns/adult doe</b>			
5-year average	0.84	1.07	0.99
2009	0.81	1.11	0.85

<sup>1</sup>The proportion of antlered deer that die each year from all causes.

<sup>2</sup>Average based on data from 2005-09 seasons.

<sup>3</sup>For example, for every 100 adult bucks alive at the start of the fall hunting season, there will be approximately 130 adult does.

## AGE, SEX, AND CONDITION DATA

Each year during the gun season, Division of Wildlife personnel age approximately 5-7% of the harvest. Typically, this amounts to 6,000-8,000 deer. This year 6,043 deer were aged in 22 counties (Fig. 4). These data are used to generate an estimate of adult buck mortality, adult sex ratio, and fawns per adult doe in the harvest, a relative composite measure of reproduction and survival (Table 3). In turn, these data are used to generate population estimates for the upcoming season. The average age of this year's harvest sample, the last 5 years, and 1977 are presented in Figure 5.

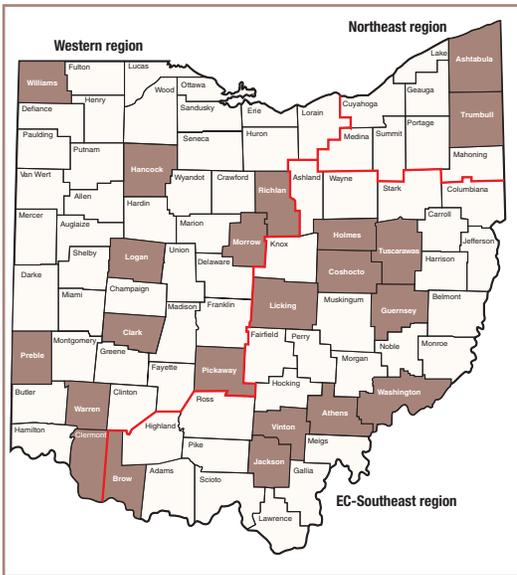


Figure 4. Distribution of the deer aging stations for the 2009-10 deer season.

In addition to the age data, biologists also collect antler measurements from yearling (1.5 years old) bucks. These data provide a snapshot of the relative condition of the deer herd. When yearling bucks are faced with dietary deficiencies, antler development will be compromised and declines in beam diameter and number of points can be expected. By monitoring yearling antler development and herd size, we are better able to understand the relationship between deer abundance and herd condition. Average yearling antler beam for the 1977-78 and 2009-10 seasons is presented in Figure 6.

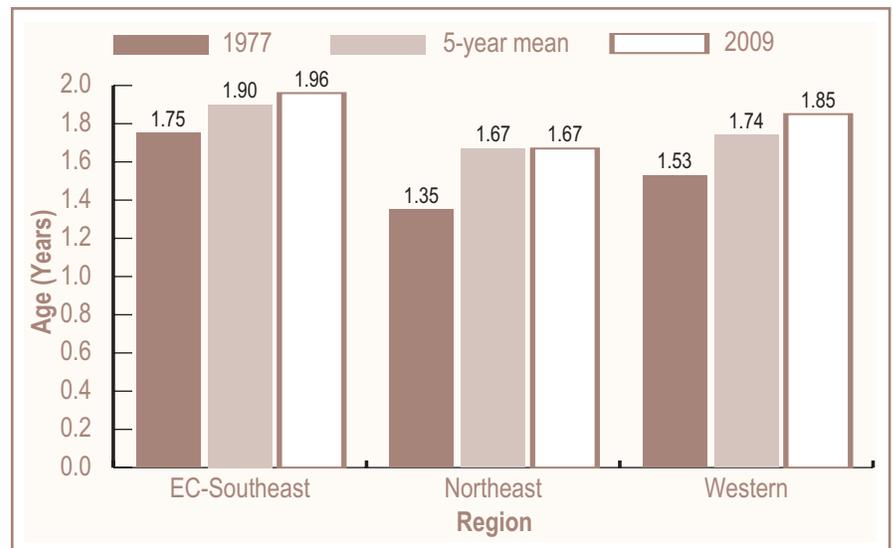


Figure 5. Mean age of all deer sampled by region for gun season harvest samples, 2005-09. Annual means are based on sample sizes that generally ranged from 5-7% of the total gun harvest.

## DEER DAMAGE COMPLAINTS

Because population goals for most of Ohio’s rural counties are based on farmer tolerances, the likelihood of widespread agricultural problems should be minimal when deer populations are at goal. However, some localized damage is still likely to occur. In situations where deer need to be killed to reduce property damage, landowners/lessees may be issued Deer Damage Control Permits (DDCP) at the time the damage is occurring. These permits allow landowners/lessees and their agents to kill deer during the dates and under the conditions specified on the permit. For most agricultural problems, these permits will only be valid for the period of January 1 until the start of the archery season. Under limited crop damage circumstances permits may be extended until the start of the youth gun season. In specific cir-

cumstances permits may be valid year-round to control damage at orchards, nurseries, inside municipalities, and for safety purposes at airports. Regardless of the situation, DDCPs expire no later than December 31 of the year in which the permit is issued. Except in the case of rub damage to trees, permit holders are strongly encouraged to kill antlerless deer. Permit holders must surrender all antlers to the Division of Wildlife. In 2009, a total of 1,953 crop damage complaints was received by the Division of Wildlife (Fig. 7 and Appendix C on page 16). Although well below the record 2,221 complaints received in 2004, the number of complaints received this year was up 13% from last year (Fig. 7). A total of 10,524 deer was killed on damage permits this year, 37% more than last season (Appendix C on page 16).

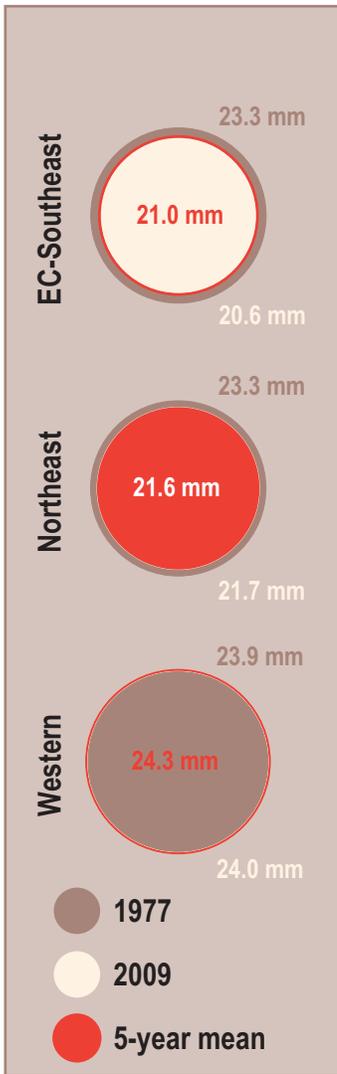


Figure 6. Mean yearling beam diameter from gun season harvest samples, 1977-78 and 2008-09.

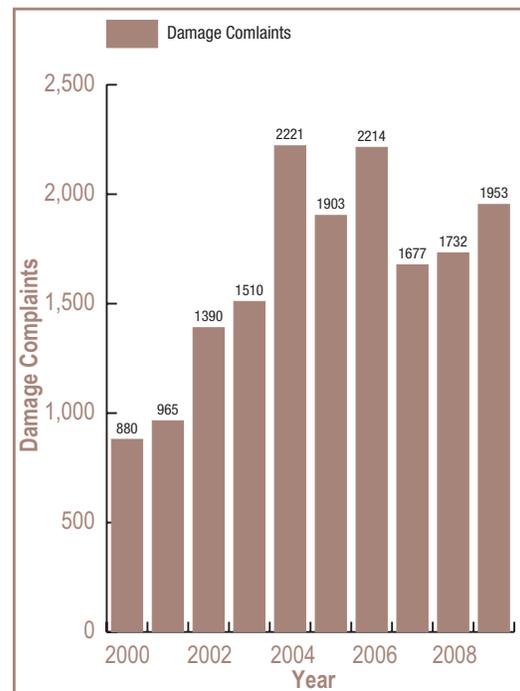


Figure 7. Statewide trends in deer damage complaints, 2000-2009.





### SEASON SUMMARY

Once again, our goal was to focus harvest pressure on the antlerless segment of the population. Although there were no significant regulation changes in 2009-10 specifically targeting the antlerless segment of the herd, it was our hope that greater hunter awareness of both the \$15 antlerless permit and greater participation in venison donation programs, would lead to even greater pressure on antlerless deer. In spite of a more than doubling of the number of deer donated by hunters in 2009, and a 10% increase in antlerless permit sales, the antlerless harvest increased only 3%

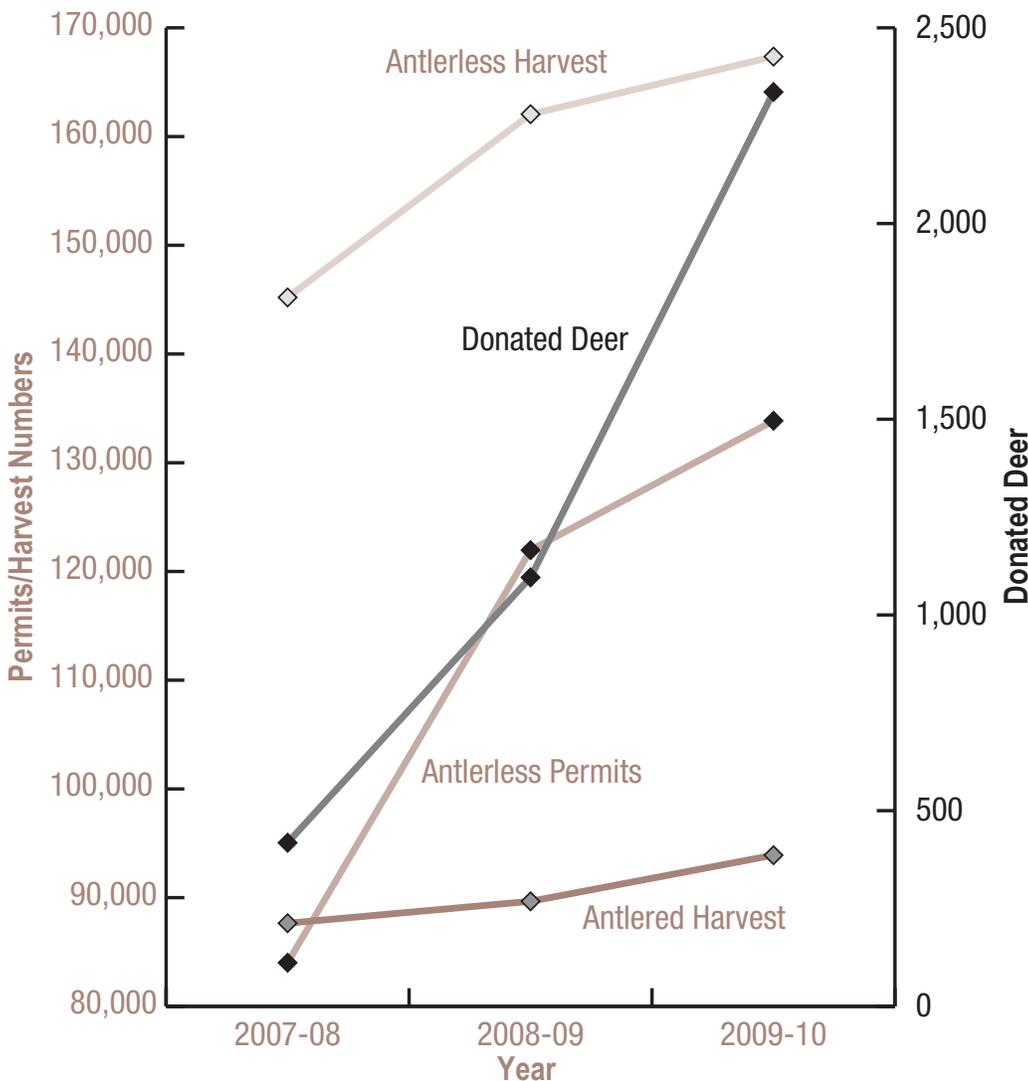
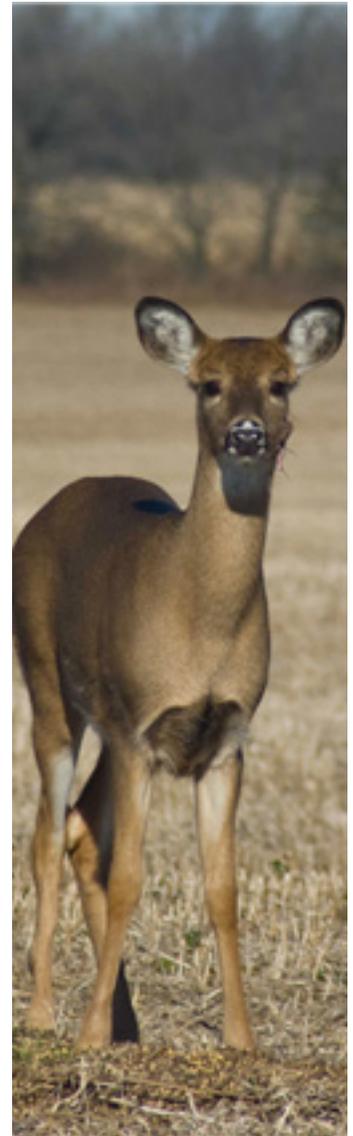
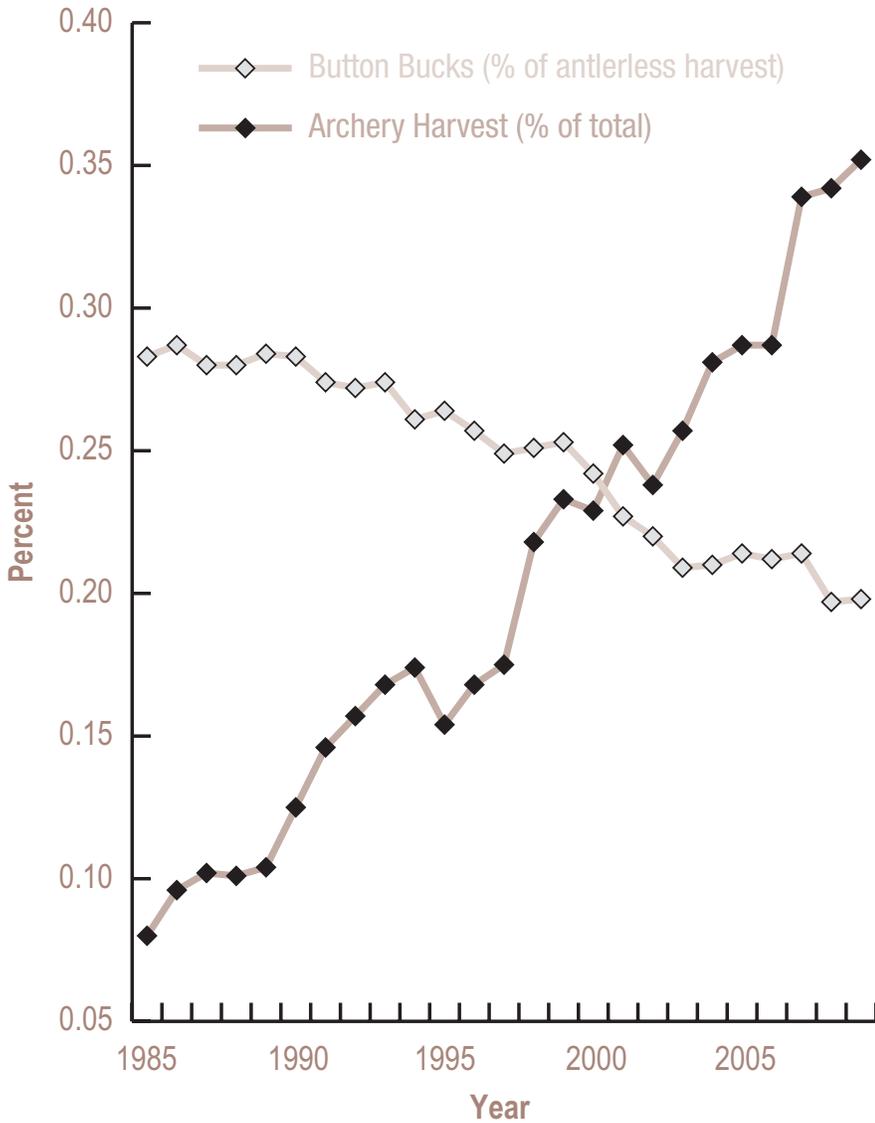


Figure 8. Total antlered and antlerless harvest, number of antlerless permits (\$15) issued, and deer donated through FHFH cooperating deer processors, 2007-09.

in 2009, slightly below the average annual increase we've seen since 2007 (Fig. 8). While we are pleased with the progress that has been made, work remains. We will continue to promote FHFH and similar venison donation programs, craft harvest regulations that promote the harvest of antlerless deer, and work closely with the farming commu-



Last year, nearly 2 of every 3 deer harvested were antlerless deer, an accomplishment that few states can lay claim to! However, roughly 1 of every 5 of these deer were male fawns, or button bucks (Fig. 9). While there is no intent to minimize the accomplishment of the successful hunter, you get very little “bang for your button buck”. In fact, it costs you a potential trophy and most importantly, it contributes nothing to herd control. The good news is that we’re in a great position to reduce the button buck harvest, due in large part to the ever-increasing popularity of bow hunting. Nearly eight in 10 deer hunters bow hunt each year. Because archers are limited to close range shots, they are in a better position than gun hunters to reduce the harvest of button bucks. Moreover, because of longer seasons and overall greater harvest opportunities afforded all hunters,

Figure 9. Trends in annual archery harvest (percent of total harvest) and button buck harvest (percent of antlerless harvest), 1985-2009.

*nearly 20% of the antlerless deer taken are male fawns, or button bucks*



nity to bridge the gap between hunters and farmers experiencing deer and other wildlife crop damage. However, achieving our goal of putting the right number of deer on the landscape – enough to hunt and enjoy, but not so many as to cause undue economic hardship, can only be realized with your help.



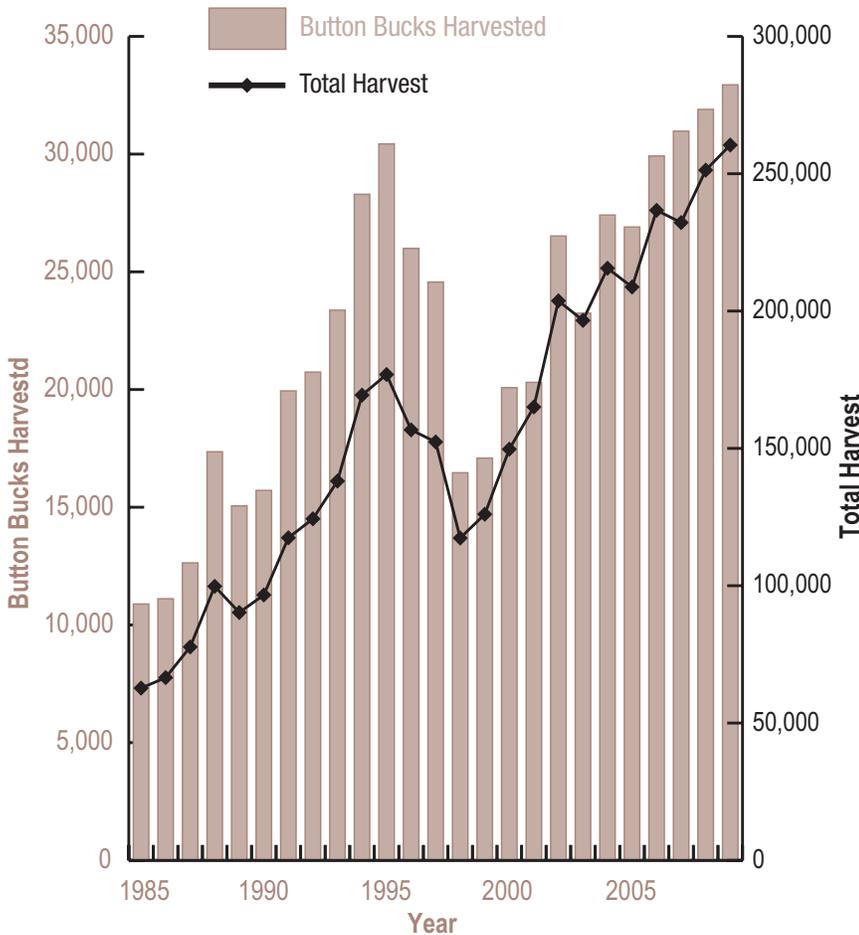


Figure 10. Trends in button buck and total annual harvest, 1985-2009.

bow hunters can afford to be more selective without compromising opportunity. During the 2009-10 season, there were 32,943 button bucks harvested, nearly 1/3 of them by archers (Fig. 10). Some of these deer were mistakenly harvested for does. Hunting and harvesting early in the season will help to minimize these errors because of the relatively large size difference between does and their fawns. However, as the season progresses, button bucks can easily be mistaken for young does. In these situations, hunters must rely on differences in physical appearances such as head shape and even behavioral differences (male fawns tend to be the lead deer in family groups) to distinguish button bucks from does. It is best to avoid taking lone antlerless deer. Male fawns tend to be more “adventure-some” than does, often times wandering off on their own. Additionally, a hunter lacks any frame of reference for gauging size with a lone deer. The best solution for hunters is to wait for a group and if possible, take the largest antlerless deer in the group.



The Division of Wildlife remains committed to providing quality deer now and into the future by managing the doe harvest. As a hunter, you are in a position to help, especially if you are an archer. By reducing the proportion of button bucks in the harvest, you’re helping to ensure that Ohio’s deer program remains a model for the rest of the country.

**Appendix A. Ohio's 2008-09 and 2009-10 antlered and antlerless deer harvest by county and season.**

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
ADAMS	BONUS GUN	78	103	221	230
	GUN	673	689	1264	1276
	CROSSBOW	282	345	366	406
	VERTICAL BOW	308	404	485	509
	MUZZLELOADER	107	97	271	268
	YOUTH	74	74	88	74
	TOTAL	1529	1714	2702	2767
ALLEN	BONUS GUN	23	26	30	61
	GUN	143	163	155	166
	CROSSBOW	91	98	101	124
	VERTICAL BOW	72	102	117	151
	MUZZLELOADER	17	25	51	38
	YOUTH	21	19	25	29
	TOTAL	367	433	479	569
ASHLAND	BONUS GUN	68	96	182	296
	GUN	458	470	886	870
	CROSSBOW	318	342	383	404
	VERTICAL BOW	201	214	341	290
	MUZZLELOADER	80	64	252	261
	YOUTH	76	48	84	69
	TOTAL	1201	1234	2128	2190
ASHTABULA	BONUS GUN	121	152	349	382
	GUN	933	713	2233	1531
	CROSSBOW	522	466	822	786
	VERTICAL BOW	307	289	611	553
	MUZZLELOADER	95	49	261	257
	YOUTH	66	47	128	73
	TOTAL	2044	1716	4404	3582
ATHENS	BONUS GUN	90	75	217	231
	GUN	1042	979	1894	1829
	CROSSBOW	309	311	323	359
	VERTICAL BOW	368	360	425	451
	MUZZLELOADER	129	152	365	633
	YOUTH	65	101	99	95
	TOTAL	2003	1979	3323	3598
AUGLAIZE	BONUS GUN	10	27	26	42
	GUN	113	131	195	154
	CROSSBOW	73	81	106	98
	VERTICAL BOW	67	77	94	103
	MUZZLELOADER	18	13	25	23
	YOUTH	19	26	30	38
	TOTAL	300	355	476	458
BELMONT	BONUS GUN	146	139	366	350
	GUN	1148	1151	1994	2046
	CROSSBOW	380	432	392	375
	VERTICAL BOW	242	253	307	290
	MUZZLELOADER	167	193	476	678
	YOUTH	108	146	107	107
	TOTAL	2191	2314	3642	3846
BROWN	BONUS GUN	71	89	193	191
	GUN	521	456	1117	934
	CROSSBOW	211	232	341	298
	VERTICAL BOW	264	297	396	373
	MUZZLELOADER	89	95	290	234
	YOUTH	68	70	71	64
	TOTAL	1224	1239	2408	2094
BUTLER	BONUS GUN	28	51	78	75
	GUN	145	149	252	258
	CROSSBOW	167	208	246	255
	VERTICAL BOW	163	203	282	343
	MUZZLELOADER	39	39	104	128
	YOUTH	30	31	35	17
	TOTAL	572	681	997	1076
CARROLL	BONUS GUN	124	159	392	431
	GUN	949	870	2191	1922
	CROSSBOW	403	453	567	513
	VERTICAL BOW	200	241	438	440
	MUZZLELOADER	129	122	388	467
	YOUTH	101	94	115	97
	TOTAL	1906	1939	4091	3870

**Appendix A. Continued**

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
CHAMPAIGN	BONUS GUN	22	35	65	102
	GUN	252	252	395	438
	CROSSBOW	128	137	218	273
	VERTICAL BOW	119	144	287	252
	MUZZLELOADER	33	37	111	89
	YOUTH	34	28	54	50
	TOTAL	588	633	1130	1204
CLARK	BONUS GUN	19	17	31	34
	GUN	101	112	172	183
	CROSSBOW	114	125	123	115
	VERTICAL BOW	85	111	157	159
	MUZZLELOADER	24	31	41	65
	YOUTH	13	9	17	14
	TOTAL	356	405	541	570
CLERMONT	BONUS GUN	60	67	162	195
	GUN	391	351	722	724
	CROSSBOW	366	404	455	491
	VERTICAL BOW	336	376	557	681
	MUZZLELOADER	69	80	213	193
	YOUTH	60	46	48	43
	TOTAL	1282	1324	2157	2327
CLINTON	BONUS GUN	26	31	37	57
	GUN	154	165	208	218
	CROSSBOW	107	106	128	118
	VERTICAL BOW	87	101	145	177
	MUZZLELOADER	24	18	77	69
	YOUTH	31	35	25	19
	TOTAL	429	456	620	658
COLUMBIANA	BONUS GUN	125	144	269	350
	GUN	749	700	1608	1480
	CROSSBOW	433	403	508	509
	VERTICAL BOW	172	245	289	292
	MUZZLELOADER	93	102	276	384
	YOUTH	92	69	80	86
	TOTAL	1664	1663	3030	3101
COSHOCTON	BONUS GUN	188	177	509	513
	GUN	1545	1494	3383	3282
	CROSSBOW	577	650	887	920
	VERTICAL BOW	534	536	849	849
	MUZZLELOADER	185	209	596	710
	YOUTH	112	128	199	165
	TOTAL	3141	3194	6423	6439
CRAWFORD	BONUS GUN	14	40	52	102
	GUN	245	240	397	379
	CROSSBOW	100	139	114	149
	VERTICAL BOW	74	74	113	106
	MUZZLELOADER	20	23	61	48
	YOUTH	18	26	40	34
	TOTAL	471	542	777	818
CUYAHOGA	BONUS GUN	2	6		4
	GUN	14	5	19	21
	CROSSBOW	149	144	273	235
	VERTICAL BOW	52	42	152	178
	MUZZLELOADER	6	1	12	3
	YOUTH		0	2	0
	TOTAL	223	198	458	441
DARKE	BONUS GUN	12	27	42	49
	GUN	101	106	177	172
	CROSSBOW	74	90	102	104
	VERTICAL BOW	66	74	92	120
	MUZZLELOADER	17	14	34	44
	YOUTH	25	26	33	35
	TOTAL	295	337	480	524
DEFIANCE	BONUS GUN	26	39	57	108
	GUN	339	327	407	350
	CROSSBOW	96	102	150	180
	VERTICAL BOW	129	131	155	177
	MUZZLELOADER	34	27	76	75
	YOUTH	27	28	44	49

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
DELAWARE	TOTAL	651	654	889	939
	BONUS GUN	37	51	89	130
	GUN	274	225	517	509
	CROSSBOW	236	277	321	357
	VERTICAL BOW	168	219	306	327
	MUZZLELOADER	24	33	122	116
	YOUTH	23	25	30	27
	TOTAL	762	830	1385	1466
ERIE	BONUS GUN	11	16	32	47
	GUN	76	75	103	95
	CROSSBOW	133	119	131	141
	VERTICAL BOW	50	58	85	79
	MUZZLELOADER	11	17	36	34
	YOUTH	7	10	9	2
	TOTAL	288	295	396	398
FAIRFIELD	BONUS GUN	59	74	118	190
	GUN	467	493	899	919
	CROSSBOW	240	282	299	292
	VERTICAL BOW	213	260	338	374
	MUZZLELOADER	64	63	178	226
	YOUTH	58	66	76	85
	TOTAL	1101	1238	1908	2086
FAYETTE	BONUS GUN	9	17	16	31
	GUN	83	73	81	87
	CROSSBOW	31	45	38	37
	VERTICAL BOW	37	56	34	40
	MUZZLELOADER	9	11	18	22
	YOUTH	11	20	10	8
	TOTAL	180	222	197	225
FRANKLIN	BONUS GUN	12	14	25	39
	GUN	72	60	136	129
	CROSSBOW	122	140	156	216
	VERTICAL BOW	123	125	178	242
	MUZZLELOADER	17	25	34	59
	YOUTH	16	11	2	5
	TOTAL	362	375	531	690
FULTON	BONUS GUN	27	27	41	33
	GUN	192	208	194	145
	CROSSBOW	56	75	66	76
	VERTICAL BOW	54	81	109	74
	MUZZLELOADER	16	13	30	23
	YOUTH	26	10	19	20
	TOTAL	371	414	459	371
GALLIA	BONUS GUN	75	58	197	142
	GUN	828	836	1549	1468
	CROSSBOW	197	209	202	234
	VERTICAL BOW	216	214	285	227
	MUZZLELOADER	85	92	293	338
	YOUTH	59	92	69	88
	TOTAL	1460	1501	2595	2497
GEAUGA	BONUS GUN	30	56	122	107
	GUN	340	217	679	492
	CROSSBOW	350	324	425	535
	VERTICAL BOW	207	196	431	449
	MUZZLELOADER	29	29	95	100
	YOUTH	25	19	29	27
	TOTAL	981	841	1781	1710
GREENE	BONUS GUN	8	26	53	47
	GUN	123	110	179	183
	CROSSBOW	122	136	133	159
	VERTICAL BOW	133	160	178	224
	MUZZLELOADER	24	27	66	57
	YOUTH	10	13	8	12
	TOTAL	420	472	617	682
GUERNSEY	BONUS GUN	149	133	403	394
	GUN	1322	1235	2741	2797
	CROSSBOW	554	575	653	682
	VERTICAL BOW	334	376	522	536
	MUZZLELOADER	151	228	448	761
	YOUTH	134	145	190	154

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
HAMILTON	TOTAL	2763	2782	5153	5507
	BONUS GUN	12	17	36	53
	GUN	80	119	199	225
	CROSSBOW	217	266	317	407
	VERTICAL BOW	232	269	489	552
	MUZZLELOADER	20	25	91	88
	YOUTH	13	15	11	14
	TOTAL	574	711	1143	1339
HANCOCK	BONUS GUN	16	38	59	129
	GUN	241	326	447	502
	CROSSBOW	147	159	150	189
	VERTICAL BOW	110	142	192	252
	MUZZLELOADER	36	24	80	67
	YOUTH	32	39	36	49
	TOTAL	582	728	964	1188
HARDIN	BONUS GUN	26	51	64	114
	GUN	236	282	387	454
	CROSSBOW	65	103	98	125
	VERTICAL BOW	63	105	167	209
	MUZZLELOADER	44	31	80	94
	YOUTH	27	32	31	46
	TOTAL	461	604	827	1042
HARRISON	BONUS GUN	162	162	457	483
	GUN	1240	1266	2642	2654
	CROSSBOW	509	579	671	745
	VERTICAL BOW	297	313	477	597
	MUZZLELOADER	175	207	524	772
	YOUTH	137	124	163	141
	TOTAL	2520	2651	4934	5392
HENRY	BONUS GUN	7	35	23	31
	GUN	172	150	199	174
	CROSSBOW	47	51	74	71
	VERTICAL BOW	50	37	64	68
	MUZZLELOADER	14	17	37	42
	YOUTH	27	22	32	35
	TOTAL	317	312	429	421
HIGHLAND	BONUS GUN	69	99	157	266
	GUN	490	515	1062	1066
	CROSSBOW	188	219	315	343
	VERTICAL BOW	201	241	327	365
	MUZZLELOADER	76	74	215	242
	YOUTH	66	57	61	67
	TOTAL	1090	1205	2137	2349
HOCKING	BONUS GUN	74	113	213	277
	GUN	870	871	1780	1804
	CROSSBOW	344	350	375	462
	VERTICAL BOW	313	322	410	412
	MUZZLELOADER	82	144	299	486
	YOUTH	67	80	94	109
	TOTAL	1750	1880	3171	3550
HOLMES	BONUS GUN	103	128	292	357
	GUN	795	781	2017	1884
	CROSSBOW	465	483	795	766
	VERTICAL BOW	302	346	756	783
	MUZZLELOADER	116	102	386	342
	YOUTH	126	114	167	123
	TOTAL	1907	1954	4413	4255
HURON	BONUS GUN	45	82	131	215
	GUN	360	422	721	703
	CROSSBOW	203	234	281	267
	VERTICAL BOW	131	139	202	242
	MUZZLELOADER	39	25	141	125
	YOUTH	49	41	80	66
	TOTAL	827	943	1556	1618
JACKSON	BONUS GUN	59	94	180	174
	GUN	722	748	1359	1486
	CROSSBOW	300	297	365	374
	VERTICAL BOW	257	242	370	345
	MUZZLELOADER	111	91	285	386
	YOUTH	65	73	84	75

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
JEFFERSON	TOTAL	1514	1545	2643	2840
	BONUS GUN	167	150	337	363
	GUN	1076	1005	1963	1870
	CROSSBOW	395	398	416	399
	VERTICAL BOW	287	344	371	385
	MUZZLELOADER	154	188	414	578
	YOUTH	124	123	127	84
	TOTAL	2203	2208	3628	3679
KNOX	BONUS GUN	118	162	347	500
	GUN	1063	1015	2548	2311
	CROSSBOW	390	419	719	685
	VERTICAL BOW	396	449	740	755
	MUZZLELOADER	119	149	479	471
	YOUTH	126	123	178	134
	TOTAL	2212	2317	5011	4856
LAKE	BONUS GUN	5	10	26	20
	GUN	61	40	192	138
	CROSSBOW	142	170	228	236
	VERTICAL BOW	65	60	128	147
	MUZZLELOADER	10	4	37	18
	YOUTH	4	3	3	6
	TOTAL	287	287	614	565
LAWRENCE	BONUS GUN	56	66	149	101
	GUN	582	610	1042	925
	CROSSBOW	184	197	204	154
	VERTICAL BOW	209	208	262	234
	MUZZLELOADER	103	99	191	237
	YOUTH	82	67	59	63
	TOTAL	1216	1247	1907	1714
LICKING	BONUS GUN	133	144	386	411
	GUN	1056	1037	2188	2274
	CROSSBOW	658	799	894	1147
	VERTICAL BOW	602	680	1100	1125
	MUZZLELOADER	155	166	486	544
	YOUTH	141	126	168	137
	TOTAL	2745	2952	5222	5638
LOGAN	BONUS GUN	28	55	109	178
	GUN	309	321	605	626
	CROSSBOW	152	161	238	317
	VERTICAL BOW	172	171	320	400
	MUZZLELOADER	47	41	136	135
	YOUTH	49	49	59	60
	TOTAL	757	798	1467	1716
LORAIN	BONUS GUN	47	49	119	204
	GUN	257	252	506	545
	CROSSBOW	376	375	554	496
	VERTICAL BOW	120	142	216	245
	MUZZLELOADER	42	59	131	170
	YOUTH	34	28	64	38
	TOTAL	876	905	1590	1698
LUCAS	BONUS GUN	10	5	28	27
	GUN	46	64	139	118
	CROSSBOW	121	104	215	219
	VERTICAL BOW	78	71	161	181
	MUZZLELOADER	11	7	36	26
	YOUTH	6	3	4	4
	TOTAL	272	254	583	575
MADISON	BONUS GUN	16	25	42	27
	GUN	109	106	126	122
	CROSSBOW	51	51	53	55
	VERTICAL BOW	63	85	67	77
	MUZZLELOADER	19	24	23	50
	YOUTH	17	22	21	15
	TOTAL	275	313	332	346
MAHONING	BONUS GUN	39	50	88	153
	GUN	210	228	389	349
	CROSSBOW	256	255	358	342
	VERTICAL BOW	133	119	170	182
	MUZZLELOADER	39	44	81	137
	YOUTH	17	17	28	24

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
MARION	TOTAL	694	713	1114	1187
	BONUS GUN	18	28	41	72
	GUN	161	158	197	203
	CROSSBOW	68	74	92	98
	VERTICAL BOW	55	74	73	112
	MUZZLELOADER	24	13	47	51
	YOUTH	14	18	16	23
	TOTAL	340	365	466	559
MEDINA	BONUS GUN	28	59	89	155
	GUN	222	220	441	403
	CROSSBOW	331	334	416	407
	VERTICAL BOW	102	155	195	220
	MUZZLELOADER	46	34	115	114
	YOUTH	24	16	38	26
	TOTAL	753	818	1294	1325
MEIGS	BONUS GUN	88	73	208	180
	GUN	856	904	1659	1574
	CROSSBOW	262	293	288	339
	VERTICAL BOW	259	249	318	341
	MUZZLELOADER	145	140	362	547
	YOUTH	84	102	72	79
	TOTAL	1694	1761	2907	3060
MERCER	BONUS GUN	11	10	17	26
	GUN	110	99	142	170
	CROSSBOW	40	63	85	64
	VERTICAL BOW	34	60	92	118
	MUZZLELOADER	10	12	28	26
	YOUTH	28	13	30	22
	TOTAL	233	257	394	426
MIAMI	BONUS GUN	16	14	31	33
	GUN	96	73	138	122
	CROSSBOW	92	114	123	119
	VERTICAL BOW	91	110	107	131
	MUZZLELOADER	19	19	29	46
	YOUTH	11	16	16	15
	TOTAL	325	346	444	466
MONROE	BONUS GUN	89	101	232	227
	GUN	1077	951	1918	1785
	CROSSBOW	293	293	368	348
	VERTICAL BOW	133	167	218	195
	MUZZLELOADER	167	185	434	629
	YOUTH	100	129	91	96
	TOTAL	1859	1826	3261	3280
MONTGOMERY	BONUS GUN	8	11	11	19
	GUN	28	63	78	84
	CROSSBOW	81	86	107	127
	VERTICAL BOW	58	80	112	111
	MUZZLELOADER	13	12	25	31
	YOUTH	7	11	8	5
	TOTAL	195	263	341	377
MORGAN	BONUS GUN	64	53	173	144
	GUN	771	771	1514	1458
	CROSSBOW	180	197	204	200
	VERTICAL BOW	193	230	246	233
	MUZZLELOADER	111	113	268	444
	YOUTH	62	72	71	71
	TOTAL	1414	1474	2537	2633
MORROW	BONUS GUN	58	69	111	160
	GUN	348	355	703	686
	CROSSBOW	198	200	246	282
	VERTICAL BOW	112	140	180	230
	MUZZLELOADER	37	41	120	99
	YOUTH	42	41	40	42
	TOTAL	795	846	1401	1499
MUSKINGUM	BONUS GUN	135	114	328	325
	GUN	1334	1265	2647	2838
	CROSSBOW	453	519	461	525
	VERTICAL BOW	482	574	502	549
	MUZZLELOADER	155	185	434	674
	YOUTH	135	145	179	150

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
NOBLE	TOTAL	2694	2802	4551	5061
	BONUS GUN	101	90	205	220
	GUN	955	958	1688	1799
	CROSSBOW	250	296	334	334
	VERTICAL BOW	180	190	278	261
	MUZZLELOADER	124	149	294	503
	YOUTH	104	97	83	83
	TOTAL	1714	1780	2882	3200
OTTAWA	BONUS GUN	14	15	15	22
	GUN	42	43	51	51
	CROSSBOW	60	59	60	81
	VERTICAL BOW	36	48	35	50
	MUZZLELOADER	7	8	26	27
	YOUTH	13	4	10	3
	TOTAL	172	177	197	234
PAULDING	BONUS GUN	8	22	35	64
	GUN	195	193	217	257
	CROSSBOW	65	56	104	101
	VERTICAL BOW	76	58	104	119
	MUZZLELOADER	20	21	52	66
	YOUTH	18	20	32	46
	TOTAL	382	370	544	653
PERRY	BONUS GUN	81	94	274	243
	GUN	779	781	1788	1632
	CROSSBOW	264	253	325	297
	VERTICAL BOW	196	240	292	318
	MUZZLELOADER	101	106	305	371
	YOUTH	96	78	116	91
	TOTAL	1545	1568	3138	2988
PICKAWAY	BONUS GUN	21	33	48	75
	GUN	176	227	375	417
	CROSSBOW	103	123	93	125
	VERTICAL BOW	85	88	112	139
	MUZZLELOADER	27	21	45	67
	YOUTH	23	34	23	21
	TOTAL	435	526	696	844
PIKE	BONUS GUN	51	56	132	130
	GUN	507	520	870	842
	CROSSBOW	185	192	209	205
	VERTICAL BOW	162	180	182	175
	MUZZLELOADER	59	58	173	161
	YOUTH	45	53	45	34
	TOTAL	1009	1059	1611	1547
PORTAGE	BONUS GUN	52	59	112	158
	GUN	311	261	596	444
	CROSSBOW	416	436	592	572
	VERTICAL BOW	165	158	272	289
	MUZZLELOADER	33	58	110	123
	YOUTH	26	23	29	20
	TOTAL	1003	995	1711	1606
PREBLE	BONUS GUN	17	37	34	53
	GUN	106	124	129	124
	CROSSBOW	119	120	132	159
	VERTICAL BOW	90	98	107	141
	MUZZLELOADER	26	36	59	72
	YOUTH	15	19	17	18
	TOTAL	373	434	478	567
PUTNAM	BONUS GUN	9	14	15	41
	GUN	113	149	169	151
	CROSSBOW	61	70	88	98
	VERTICAL BOW	58	73	91	92
	MUZZLELOADER	14	10	25	17
	YOUTH	31	31	42	40
	TOTAL	286	347	430	439
RICHLAND	BONUS GUN	64	74	199	327
	GUN	560	578	1468	1433
	CROSSBOW	437	470	607	630
	VERTICAL BOW	228	277	472	471
	MUZZLELOADER	79	80	242	271
	YOUTH	73	53	113	90

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
ROSS	TOTAL	1441	1532	3101	3222
	BONUS GUN	81	106	196	242
	GUN	700	765	1319	1239
	CROSSBOW	327	347	311	300
	VERTICAL BOW	264	317	337	364
	MUZZLELOADER	126	117	287	373
	YOUTH	84	107	72	80
	TOTAL	1582	1759	2522	2598
SANDUSKY	BONUS GUN	17	21	46	48
	GUN	119	123	166	168
	CROSSBOW	103	124	137	133
	VERTICAL BOW	54	64	88	82
	MUZZLELOADER	26	15	55	42
	YOUTH	17	11	11	19
	TOTAL	336	358	503	492
SCIOTO	BONUS GUN	82	67	157	150
	GUN	553	512	1059	925
	CROSSBOW	223	198	296	207
	VERTICAL BOW	231	241	340	279
	MUZZLELOADER	91	74	240	202
	YOUTH	64	63	67	74
	TOTAL	1280	1172	2199	1858
SENECA	BONUS GUN	38	55	88	173
	GUN	331	365	584	600
	CROSSBOW	183	218	212	255
	VERTICAL BOW	97	116	174	209
	MUZZLELOADER	40	39	100	127
	YOUTH	35	35	60	62
	TOTAL	724	828	1218	1426
SHELBY	BONUS GUN	25	17	41	35
	GUN	145	159	213	198
	CROSSBOW	82	103	139	149
	VERTICAL BOW	64	94	114	150
	MUZZLELOADER	14	28	49	58
	YOUTH	29	18	43	42
	TOTAL	359	419	599	632
STARK	BONUS GUN	42	75	118	219
	GUN	296	291	455	485
	CROSSBOW	295	329	368	412
	VERTICAL BOW	136	145	216	282
	MUZZLELOADER	41	53	141	210
	YOUTH	38	28	53	36
	TOTAL	848	921	1351	1644
SUMMIT	BONUS GUN	15	14	24	34
	GUN	81	60	97	128
	CROSSBOW	322	333	454	454
	VERTICAL BOW	105	118	201	218
	MUZZLELOADER	16	24	38	56
	YOUTH	5	10	8	6
	TOTAL	544	559	822	896
TRUMBULL	BONUS GUN	68	91	239	235
	GUN	458	424	1051	897
	CROSSBOW	442	400	689	608
	VERTICAL BOW	223	190	455	365
	MUZZLELOADER	58	61	176	226
	YOUTH	49	24	68	63
	TOTAL	1298	1190	2678	2394
TUSCARAWAS	BONUS GUN	155	166	504	546
	GUN	1305	1249	3153	3012
	CROSSBOW	606	674	826	881
	VERTICAL BOW	407	421	797	862
	MUZZLELOADER	169	191	546	702
	YOUTH	153	129	193	177
	TOTAL	2795	2830	6019	6180
UNION	BONUS GUN	7	28	33	70
	GUN	147	154	217	231
	CROSSBOW	83	112	99	98
	VERTICAL BOW	69	75	111	120
	MUZZLELOADER	18	18	34	46
	YOUTH	20	21	25	10

Appendix A. Continued

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2008	2009	2008	2009	
	TOTAL	344	408	519	575
VANWERT	BONUS GUN	8	25	26	38
	GUN	125	118	118	143
	CROSSBOW	59	58	73	91
	VERTICAL BOW	30	37	57	57
	MUZZLELOADER	21	16	43	31
	YOUTH	23	21	28	27
	TOTAL	266	275	345	387
VINTON	BONUS GUN	48	79	97	177
	GUN	700	772	1246	1367
	CROSSBOW	152	219	198	236
	VERTICAL BOW	267	244	274	270
	MUZZLELOADER	62	104	171	327
	YOUTH	48	68	74	79
	TOTAL	1277	1486	2060	2456
WARREN	BONUS GUN	22	37	57	78
	GUN	170	153	245	259
	CROSSBOW	205	200	235	262
	VERTICAL BOW	157	198	264	280
	MUZZLELOADER	41	43	88	114
	YOUTH	23	29	16	21
	TOTAL	618	660	905	1014
WASHINGTON	BONUS GUN	99	78	253	213
	GUN	1101	1051	1970	1784
	CROSSBOW	300	258	315	285
	VERTICAL BOW	240	257	310	299
	MUZZLELOADER	186	150	431	555
	YOUTH	106	172	129	101
	TOTAL	2032	1966	3408	3237
WAYNE	BONUS GUN	47	65	119	192
	GUN	307	289	558	517
	CROSSBOW	231	236	307	293
	VERTICAL BOW	135	146	237	262
	MUZZLELOADER	62	54	160	128
	YOUTH	25	44	46	43
	TOTAL	807	834	1427	1435
WILLIAMS	BONUS GUN	43	50	62	92
	GUN	360	394	394	425
	CROSSBOW	147	160	178	185
	VERTICAL BOW	178	185	246	292
	MUZZLELOADER	41	48	79	82
	YOUTH	35	35	56	37
	TOTAL	804	872	1015	1113
WOOD	BONUS GUN	19	29	20	49
	GUN	146	145	166	163
	CROSSBOW	92	111	129	121
	VERTICAL BOW	95	110	118	138
	MUZZLELOADER	24	21	31	29
	YOUTH	12	25	20	20
	TOTAL	388	441	484	520
WYANDOT	BONUS GUN	41	46	85	162
	GUN	304	291	567	553
	CROSSBOW	97	117	173	179
	VERTICAL BOW	85	118	208	206
	MUZZLELOADER	34	39	148	100
	YOUTH	27	29	61	57
	TOTAL	588	640	1242	1257

Appendix B. Deer harvest and permit data, 1900-2009.<sup>a</sup>

YEAR	NUMBER OF OPEN COUNTIES IN	NUMBER OF PERMITS	NUMBER OF DEER
	GUN SEASON	SOLD	HARVESTED <sup>b</sup>
1900	88	?	?
1901-42	Season closed		
1943	3	8,500	168
1944	3	9,200	117
1945	3	7,700	62
1946	Season closed		
1947	8	9,669	1,000
1948	13	23,044	1,600
1949	Season closed		
1950	19	22,728	3,500
1951	Season closed		
1952	27	14,081	450
1953	40	30,033	4,000
1954	Season closed		
1955	42	36,419	4,200
1956	88	48,263	3,911
1957	88	46,466	4,784
1958	88	42,777	4,415
1959	88	38,414	2,960
1960	88	27,430	2,584
1961	Season closed		
1962	88	23,049	2,114
1963	88	33,298	2,074
1964	88	32,400	1,326
1965	36	12,808	406
1966	48	24,079	1,073
1967	50	28,892	1,437
1968	50	35,322	1,396
1969	56	45,078	2,105
1970	51	54,807	2,387
1971	63	74,758	3,831
1972	63	88,919	5,074
1973	59	107,933	7,594
1974	65	106,867	10,747
1975	68	125,807	14,972
1976	68	138,946	23,431
1977	73	155,445	22,319
1978	74	175,314	22,967
1979	88	193,764	34,874
1980	88	216,055	40,499
1981	88	231,948	47,634
1982	88	257,504	52,885
1983	88	264,493	59,812
1984	88	273,205	66,860
1985	88	277,714	64,263
1986	88	290,293	67,626
1987	88	297,205	79,355
1988	88	373,435	100,674
1989	88	284,909	91,236
1990	88	295,127	98,468
1991	88	338,186	119,215
1992	88	359,250	126,113
1993	88	385,068	138,752
1994	88	425,797	170,527
1995	88	496,890	179,543
1996	88	475,288	158,000
1997	88	439,814	153,159
1998	88	365,875	118,270
1999	88	361,125	126,770
2000	88	438,744	150,432
2001	88	469,055	165,124
2002	88	507,723	204,652
2003	88	515,928	197,790
2004	88	520,458	216,443
2005	88	515,181	209,513
2006	88	543,614	237,316
2007	88	578,366	232,854
2008	88	611,442	252,017
2009	88	624,908	261,260

<sup>a</sup> Season length, bag limit, type of season (e.g., buck-only versus either-sex) and weather have varied among years and have affected total harvest, hunter success rates, and the number of hunters in the field in a given year.

<sup>b</sup> Harvest estimates based on hunter questionnaires 1946-61 and mandatory check thereafter.

Appendix C. Number of deer damage complaints, permits issued, and deer killed, 2005-2009.

COUNTY	DATA	YEAR				
		2005	2006	2007	2008	2009
ADAMS	COMPLAINTS	74	113	24	29	19
	OUT OF SEASON PERMITS	5	27	24	29	18
	DEER KILLED	10	54	136	27	111
ALLEN	COMPLAINTS	3	2	1	6	7
	OUT OF SEASON PERMITS	0	0	1	4	7
	DEER KILLED	0	0	4	7	26
ASHLAND	COMPLAINTS	29	23	38	35	38
	OUT OF SEASON PERMITS	25	16	37	35	38
	DEER KILLED	127	86	207	230	326
ASHTABULA	COMPLAINTS	32	30	28	25	25
	OUT OF SEASON PERMITS	21	16	28	25	25
	DEER KILLED	56	38	80	99	63
ATHENS	COMPLAINTS	70	61	16	30	24
	OUT OF SEASON PERMITS	41	17	16	29	24
	DEER KILLED	65	65	72	105	160
AUGLAIZE	COMPLAINTS	1	1	0	0	2
	OUT OF SEASON PERMITS	0	0	0	0	2
	DEER KILLED	0	0	0	0	1
BELMONT	COMPLAINTS	33	45	34	26	32
	OUT OF SEASON PERMITS	22	25	33	26	32
	DEER KILLED	85	106	121	94	165
BROWN	COMPLAINTS	69	108	47	38	32
	OUT OF SEASON PERMITS	33	64	39	33	28
	DEER KILLED	139	178	144	107	107
BUTLER	COMPLAINTS	27	32	22	29	25
	OUT OF SEASON PERMITS	21	25	22	28	25
	DEER KILLED	25	17	58	55	57
CARROLL	COMPLAINTS	18	47	29	36	54
	OUT OF SEASON PERMITS	16	21	29	35	53
	DEER KILLED	149	88	203	305	469
CHAMPAIGN	COMPLAINTS	5	5	2	3	3
	OUT OF SEASON PERMITS	1	1	0	2	1
	DEER KILLED	1	0	0	4	1
CLARK	COMPLAINTS	12	9	3	6	2
	OUT OF SEASON PERMITS	6	3	3	6	2
	DEER KILLED	28	32	23	32	18
CLERMONT	COMPLAINTS	31	27	25	33	30
	OUT OF SEASON PERMITS	23	21	25	33	30
	DEER KILLED	123	113	178	137	124
CLINTON	COMPLAINTS	14	7	5	5	2
	OUT OF SEASON PERMITS	6	2	5	5	2
	DEER KILLED	11	0	7	11	3
COLUMBIANA	COMPLAINTS	14	21	17	28	31
	OUT OF SEASON PERMITS	13	12	17	28	31
	DEER KILLED	56	64	71	81	191
COSHOCTON	COMPLAINTS	22	70	48	45	41
	OUT OF SEASON PERMITS	45	32	48	45	41
	DEER KILLED	400	415	625	517	624
CRAWFORD	COMPLAINTS	8	11	5	2	8
	OUT OF SEASON PERMITS	1	2	3	1	8
	DEER KILLED	1	2	0	0	26
CUYAHOGA	COMPLAINTS	25	23	14	21	23
	OUT OF SEASON PERMITS	25	18	14	20	21
	DEER KILLED	38	30	24	46	26
DARKE	COMPLAINTS	0	1	0	1	1
	OUT OF SEASON PERMITS	0	1	0	1	1
	DEER KILLED	0	7	0	5	4
DEFIANCE	COMPLAINTS	0	5	2	10	18
	OUT OF SEASON PERMITS	0	2	2	6	18
	DEER KILLED	0	3	6	15	25
DELAWARE	COMPLAINTS	24	23	31	24	24
	OUT OF SEASON PERMITS	19	17	26	22	20
	DEER KILLED	29	30	47	43	21
ERIE	COMPLAINTS	9	29	10	18	22
	OUT OF SEASON PERMITS	5	21	10	16	18
	DEER KILLED	11	17	13	36	47
FAIRFIELD	COMPLAINTS	62	60	58	36	36
	OUT OF SEASON PERMITS	57	52	55	35	36
	DEER KILLED	243	199	199	184	193
FAYETTE	COMPLAINTS	0	3	0	0	1
	OUT OF SEASON PERMITS	0	0	0	0	1
	DEER KILLED	0	0	0	0	3
FRANKLIN	COMPLAINTS	20	24	19	23	24
	OUT OF SEASON PERMITS	19	22	19	22	24
	DEER KILLED	63	67	78	89	72

Appendix C. Continued

COUNTY	DATA	YEAR				
		2005	2006	2007	2008	2009
FULTON	COMPLAINTS	1	2	0	1	7
	OUT OF SEASON PERMITS	0	0	0	1	7
	DEER KILLED	0	0	0	2	8
GALLIA	COMPLAINTS	6	4	9	5	4
	OUT OF SEASON PERMITS	4	3	7	4	4
	DEER KILLED	6	6	6	16	12
GEAUGA	COMPLAINTS	21	21	20	19	23
	OUT OF SEASON PERMITS	18	17	20	18	19
	DEER KILLED	56	58	62	33	57
GREENE	COMPLAINTS	26	21	14	14	20
	OUT OF SEASON PERMITS	11	12	14	14	20
	DEER KILLED	37	18	41	47	65
GUERNSEY	COMPLAINTS	59	68	57	53	61
	OUT OF SEASON PERMITS	41	36	55	53	61
	DEER KILLED	155	195	196	241	317
HAMILTON	COMPLAINTS	28	38	30	40	26
	OUT OF SEASON PERMITS	28	38	30	40	26
	DEER KILLED	78	365	689	159	471
HANCOCK	COMPLAINTS	8	14	6	9	16
	OUT OF SEASON PERMITS	4	6	4	8	15
	DEER KILLED	31	18	12	28	34
HARDIN	COMPLAINTS	0	2	3	1	6
	OUT OF SEASON PERMITS	0	0	1	1	5
	DEER KILLED	0	0	4	5	7
HARRISON	COMPLAINTS	23	23	18	33	44
	OUT OF SEASON PERMITS	19	19	18	32	39
	DEER KILLED	218	166	127	227	176
HENRY	COMPLAINTS	2	7	3	3	6
	OUT OF SEASON PERMITS	0	2	1	2	5
	DEER KILLED	0	0	1	0	8
HIGHLAND	COMPLAINTS	22	30	31	36	44
	OUT OF SEASON PERMITS	22	25	31	36	44
	DEER KILLED	95	105	175	195	222
HOCKING	COMPLAINTS	59	47	44	38	40
	OUT OF SEASON PERMITS	45	30	43	38	40
	DEER KILLED	259	207	466	315	243
HOLMES	COMPLAINTS	33	32	25	19	30
	OUT OF SEASON PERMITS	28	18	23	19	30
	DEER KILLED	194	158	155	113	148
HURON	COMPLAINTS	10	9	3	2	10
	OUT OF SEASON PERMITS	5	4	3	1	10
	DEER KILLED	10	1	1	1	13
JACKSON	COMPLAINTS	30	25	21	17	22
	OUT OF SEASON PERMITS	16	15	20	17	22
	DEER KILLED	6	35	30	46	42
JEFFERSON	COMPLAINTS	41	38	25	30	28
	OUT OF SEASON PERMITS	31	25	25	29	26
	DEER KILLED	166	140	139	260	334
KNOX	COMPLAINTS	138	147	141	157	157
	OUT OF SEASON PERMITS	87	97	141	151	154
	DEER KILLED	720	882	1038	1002	1169
LAKE	COMPLAINTS	25	20	27	21	22
	OUT OF SEASON PERMITS	24	19	27	21	22
	DEER KILLED	66	42	81	94	160
LAWRENCE	COMPLAINTS	27	31	26	22	24
	OUT OF SEASON PERMITS	16	19	26	22	24
	DEER KILLED	65	57	100	20	101
LICKING	COMPLAINTS	42	37	75	91	91
	OUT OF SEASON PERMITS	41	34	75	91	91
	DEER KILLED	172	187	438	244	699
LOGAN	COMPLAINTS	11	14	17	33	27
	OUT OF SEASON PERMITS	6	10	17	31	27
	DEER KILLED	41	43	85	77	118
LORAIN	COMPLAINTS	13	14	20	30	43
	OUT OF SEASON PERMITS	13	14	20	29	41
	DEER KILLED	33	20	45	79	112
LUCAS	COMPLAINTS	2	10	6	8	13
	OUT OF SEASON PERMITS	2	7	2	5	10
	DEER KILLED	4	23	8	22	23
MADISON	COMPLAINTS	1	0	1	0	1
	OUT OF SEASON PERMITS	1	0	1	0	1
	DEER KILLED	0	0	5	0	0
MAHONING	COMPLAINTS	8	5	7	6	11
	OUT OF SEASON PERMITS	4	2	5	4	11
	DEER KILLED	9	3	15	15	16

Appendix C. Continued

COUNTY	DATA	YEAR				
		2005	2006	2007	2008	2009
MARION	COMPLAINTS	1	3	1	5	0
	OUT OF SEASON PERMITS	1	2	1	5	0
	DEER KILLED	1	1	2	7	0
MEDINA	COMPLAINTS	12	15	12	9	10
	OUT OF SEASON PERMITS	10	8	8	4	9
	DEER KILLED	26	20	33	21	31
MEIGS	COMPLAINTS	22	23	20	12	13
	OUT OF SEASON PERMITS	4	16	15	11	13
	DEER KILLED	12	45	67	36	68
MERCER	COMPLAINTS	0	0	0	1	1
	OUT OF SEASON PERMITS	0	0	0	1	1
	DEER KILLED	0	0	0	0	2
MIAMI	COMPLAINTS	2	1	2	7	3
	OUT OF SEASON PERMITS	1	1	1	5	3
	DEER KILLED	0	0	0	1	3
MONROE	COMPLAINTS	39	54	50	26	42
	OUT OF SEASON PERMITS	28	32	48	26	42
	DEER KILLED	70	55	70	77	163
MONTGOMERY	COMPLAINTS	13	8	3	3	1
	OUT OF SEASON PERMITS	9	0	3	2	1
	DEER KILLED	58	0	54	0	148
MORGAN	COMPLAINTS	30	25	28	27	29
	OUT OF SEASON PERMITS	27	22	26	26	29
	DEER KILLED	176	188	236	178	151
MORROW	COMPLAINTS	5	2	5	3	8
	OUT OF SEASON PERMITS	4	1	5	3	6
	DEER KILLED	9	0	7	5	15
MUSKINGUM	COMPLAINTS	76	65	67	57	76
	OUT OF SEASON PERMITS	62	50	65	50	76
	DEER KILLED	347	296	378	297	396
NOBLE	COMPLAINTS	14	14	18	22	13
	OUT OF SEASON PERMITS	11	8	18	21	13
	DEER KILLED	16	7	91	74	54
OTTAWA	COMPLAINTS	5	11	3	5	5
	OUT OF SEASON PERMITS	1	7	1	5	5
	DEER KILLED	0	0	3	3	6
PAULDING	COMPLAINTS	1	9	5	5	4
	OUT OF SEASON PERMITS	1	3	4	5	4
	DEER KILLED	0	4	7	5	6
PERRY	COMPLAINTS	24	39	18	15	14
	OUT OF SEASON PERMITS	10	13	18	14	14
	DEER KILLED	65	55	44	30	35
PICKAWAY	COMPLAINTS	11	9	5	22	16
	OUT OF SEASON PERMITS	11	9	5	20	16
	DEER KILLED	22	12	5	47	36
PIKE	COMPLAINTS	20	16	10	7	5
	OUT OF SEASON PERMITS	10	7	9	7	5
	DEER KILLED	42	14	10	16	14
PORTAGE	COMPLAINTS	10	7	18	15	23
	OUT OF SEASON PERMITS	10	7	18	15	23
	DEER KILLED	24	35	95	70	52
PREBLE	COMPLAINTS	7	10	4	3	6
	OUT OF SEASON PERMITS	0	0	4	3	6
	DEER KILLED	0	0	27	5	37
PUTNAM	COMPLAINTS	1	0	0	2	6
	OUT OF SEASON PERMITS	0	0	0	2	6
	DEER KILLED	0	0	0	8	15
RICHLAND	COMPLAINTS	30	26	31	28	33
	OUT OF SEASON PERMITS	25	22	24	26	28
	DEER KILLED	68	107	132	122	151

Appendix C. Continued

COUNTY	DATA	YEAR				
		2005	2006	2007	2008	2009
ROSS	COMPLAINTS	23	42	25	23	22
	OUT OF SEASON PERMITS	21	18	24	22	22
	DEER KILLED	115	128	183	152	135
SANDUSKY	COMPLAINTS	13	24	5	13	8
	OUT OF SEASON PERMITS	2	7	3	12	7
	DEER KILLED	0	0	6	4	57
SCIOTO	COMPLAINTS	30	44	22	18	15
	OUT OF SEASON PERMITS	18	33	21	17	15
	DEER KILLED	56	88	144	125	174
SENECA	COMPLAINTS	22	32	7	13	11
	OUT OF SEASON PERMITS	7	8	5	12	10
	DEER KILLED	23	16	11	34	24
SHELBY	COMPLAINTS	0	0	0	0	0
	OUT OF SEASON PERMITS	0	0	0	0	0
	DEER KILLED	0	0	0	0	0
STARK	COMPLAINTS	10	11	13	13	26
	OUT OF SEASON PERMITS	9	8	12	12	22
	DEER KILLED	10	34	24	33	53
SUMMIT	COMPLAINTS	19	19	20	25	27
	OUT OF SEASON PERMITS	19	18	17	22	25
	DEER KILLED	87	96	71	80	116
TRUMBULL	COMPLAINTS	12	10	14	17	23
	OUT OF SEASON PERMITS	12	9	14	14	23
	DEER KILLED	46	25	37	39	74
TUSCARAWAS	COMPLAINTS	32	45	49	32	56
	OUT OF SEASON PERMITS	22	24	48	32	56
	DEER KILLED	119	184	389	365	511
UNION	COMPLAINTS	12	6	4	3	2
	OUT OF SEASON PERMITS	8	5	4	3	2
	DEER KILLED	13	10	13	17	4
VANWERT	COMPLAINTS	5	6	2	6	11
	OUT OF SEASON PERMITS	1	0	1	6	11
	DEER KILLED	0	0	0	7	16
VINTON	COMPLAINTS	9	9	5	5	8
	OUT OF SEASON PERMITS	5	5	5	5	8
	DEER KILLED	19	24	27	5	18
WARREN	COMPLAINTS	26	29	15	12	9
	OUT OF SEASON PERMITS	16	21	15	12	9
	DEER KILLED	83	75	58	41	36
WASHINGTON	COMPLAINTS	63	71	56	33	39
	OUT OF SEASON PERMITS	44	43	54	33	39
	DEER KILLED	138	132	185	112	140
WAYNE	COMPLAINTS	20	23	19	23	41
	OUT OF SEASON PERMITS	15	15	18	22	37
	DEER KILLED	31	28	70	106	217
WILLIAMS	COMPLAINTS	31	48	9	17	38
	OUT OF SEASON PERMITS	3	8	8	17	38
	DEER KILLED	9	18	26	74	114
WOOD	COMPLAINTS	4	2	1	2	3
	OUT OF SEASON PERMITS	1	1	1	0	3
	DEER KILLED	4	2	3	0	0
WYANDOT	COMPLAINTS	11	17	4	6	6
	OUT OF SEASON PERMITS	0	0	3	5	6
	DEER KILLED	0	0	0	19	34
<b>TOTAL COMPLAINTS</b>		1903	2214	1677	1732	1953
<b>TOTAL OUT OF SEASON PERMITS</b>		1298	1300	1591	1650	1893
<b>TOTAL DEER KILLED</b>		5770	6039	8723	7685	10524