



# SUMMARY OF 2008-09 OHIO DEER SEASONS



PUBLICATION 304 (R609)

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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 (landowners are exempt) to hunt deer in Ohio. Hunters could harvest up to 3 deer using Special Deer Permits, provided that they did not exceed the bag limit in any Deer Zone (Fig. 1). Hunters were allowed only 1 antlered deer.

Hunters had the opportunity to harvest deer during any of Ohio's 5 seasons including: archery Sep. 27, 2008-Feb. 1, 2009, early muzzleloader Oct. 20-25, gun Dec. 1-7, bonus gun Dec. 20-21, and muzzleloader Dec. 27-30. Young (17 and under) hunters had the oppor-

*We extended the valid dates of the antlerless permits through gun season, but only in Zone C*

tunity to participate in the statewide youth season Nov. 22-23. 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. This year, 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 and were valid statewide during the first 9 weeks of the archery season. In an effort to put additional pressure on the antlerless segment of the herd in Zone C, we extended the valid dates of the antlerless permits through gun season, but only in Zone C. Permits had to be purchased before gun season started. Antlerless permits could also be used in any of the 5 Urban

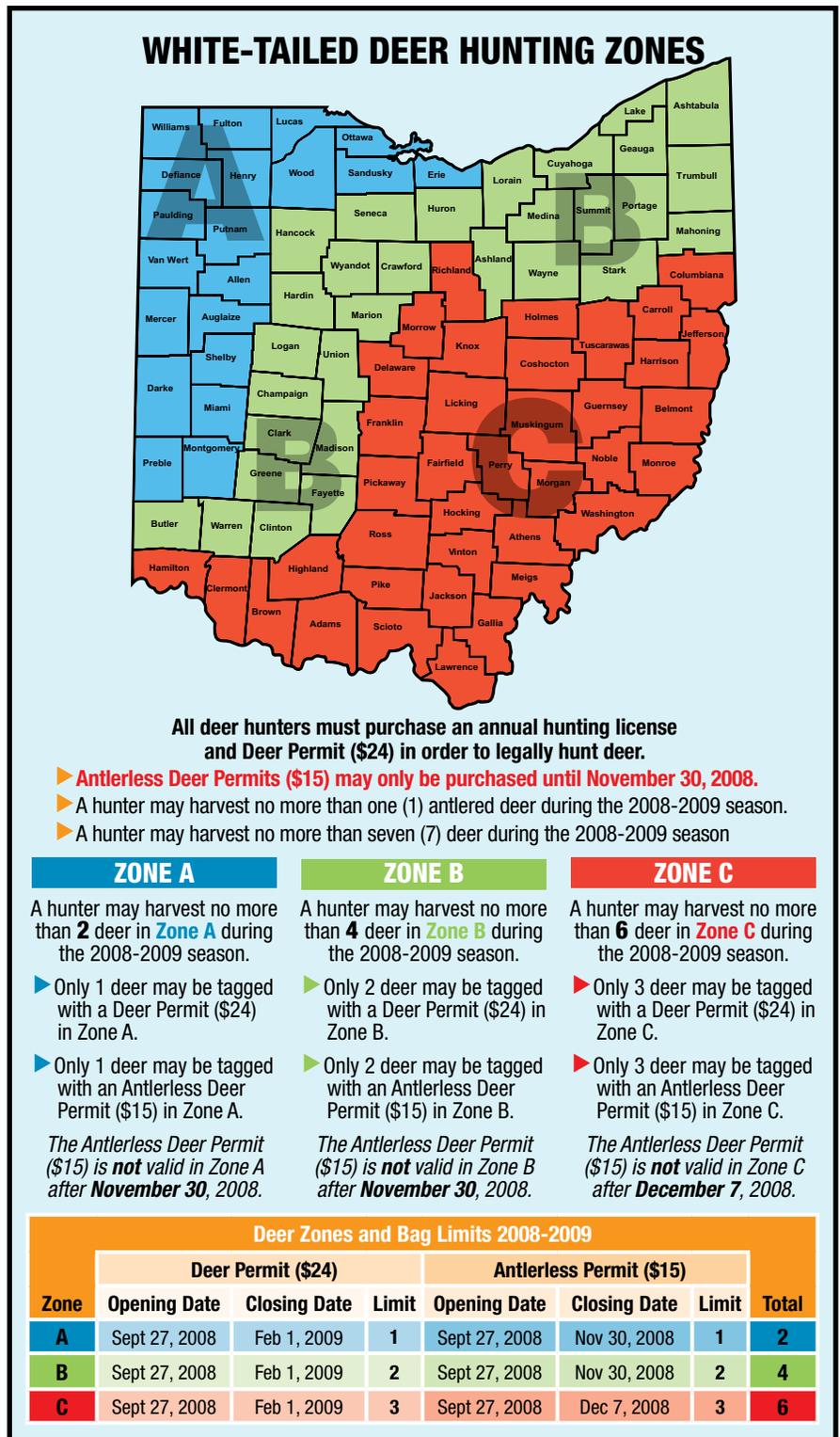


Figure 1. Ohio's 2008-09 deer zones and permit structure as presented in the Ohio Hunting and Trapping Regulation, Publication 85.

Deer units and during many Division of Wildlife special and controlled hunts, including the early muzzleloader season. A maximum of 4 deer could be harvested using \$15 antlerless permits. Hunters were required to purchase at least 1 Special Deer Permit (\$24) before purchasing an antlerless permit.

**HARVEST**

A total of 252,017 deer was harvested this year, an 8% increase from last season (Table 1). Coshocton County led the state in total harvest with 9,564 deer. Figure 2 is a map of total harvest by county with the top 5 counties highlighted. A harvest summary by season for the top 5 counties is presented in Table 2. A complete harvest summary by county and season is available in Appendix A on page 12.

Hunters harvested 117,487 deer during the traditional statewide gun season, 14% more than last year. Coshocton,

Tuscarawas, Guernsey, Muskingum, and Harrison counties led the state in total gun harvest. Archers reported harvesting 85,856 deer this year, 9% more than last season (Table 1). This year's vertical bow harvest of 39,376 deer represents a 8.3% increase over last season. For the 9th consecutive year, vertical bow hunters have set harvest records. Licking County archers once again led the state with 1,702 deer harvested with a vertical bow. Coshocton, Tuscarawas, Knox, and Holmes counties completed the

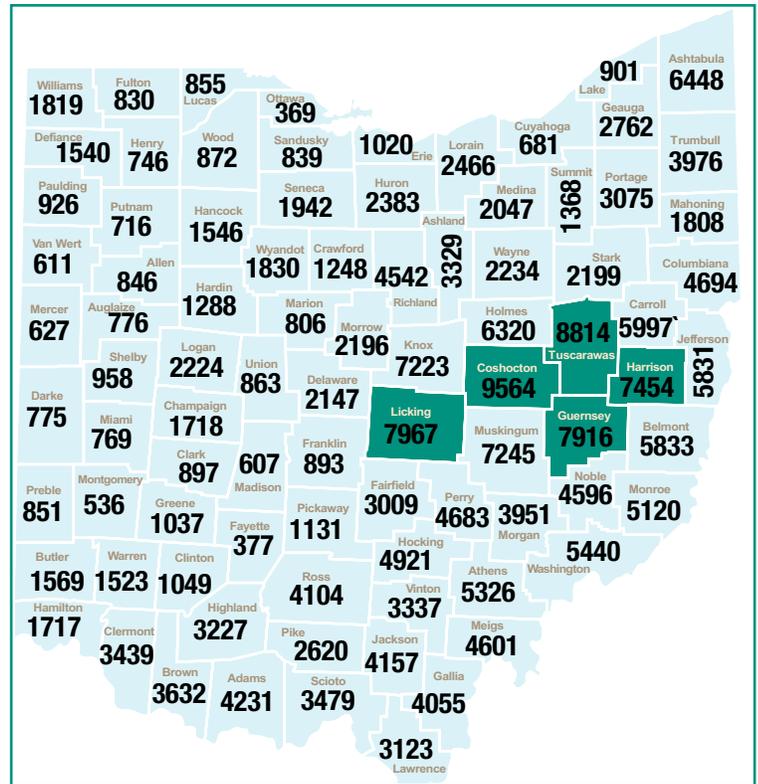


Figure 2. Ohio's 2008-09 deer harvest by county with the top 5 counties highlighted.

list of top 5 harvest counties. Crossbow hunters also set a record this year by harvesting 46,480 deer, nearly 10% more than last year. Licking County led the state with 1,552 deer. Coshocton,

*Top spots for youth hunters were Tuscarawas, Guernsey, Muskingum, Coshocton, and Licking counties.*

Tuscarawas, Ashtabula, and Holmes rounded out the top 5 harvest counties for crossbow. There were 20,966 deer harvested during the 4-day statewide muzzleloader season, December 27-30 (Table 1). This year's harvest was off by just under 5% from last year. This is the fourth consecutive year that the harvest has dropped. Some hunters may be opting for the 2-day mid-December firearms season during which muzzleloaders would be legal as well. Coshocton County had the highest muzzleloader harvest

Table 1. Ohio's 2008-09 white-tailed deer harvest by season and percent change from previous year.

Season/hunt	Antlered	Antlerless	Total	% Change
Early Gun <sup>1</sup>	39,863	77,624	117,487	13.9
Bonus Gun	4,652	12,092	16,744	-7.2
<b>Total Gun</b>	<b>44,515</b>	<b>89,716</b>	<b>134,231</b>	<b>10.8</b>
Crossbow	20,058	26,422	46,480	9.9
Vertical Bow	15,094	24,282	39,376	8.3
<b>Total Archery</b>	<b>35,152</b>	<b>50,704</b>	<b>85,856</b>	<b>9.2</b>
Salt Fork <sup>2</sup>	119	196	315	128.3
Wildcat Hollow <sup>2</sup>	61	100	161	64.3
Shawnee <sup>2</sup>	43	47	90	136.8
Statewide Muzzleloader <sup>3</sup>	5,504	15,462	20,966	-4.9
<b>Total Muzzleloader</b>	<b>5,727</b>	<b>15,805</b>	<b>21,532</b>	<b>-3.6</b>
Statewide Youth	4,362	5,337	9,699	-3.6
NASA/Plumbrook	119	219	338	46.3
Ravenna Hunt	87	274	361	-12.2
<b>Season Total</b>	<b>89,962</b>	<b>162,055</b>	<b>252,017</b>	<b>8.2</b>

<sup>1</sup>Traditional gun season for deer of either sex, Dec. 1-7, 2008.

<sup>2</sup>Special early muzzleloader season Oct. 20-25, 2008.

<sup>3</sup>Statewide either-sex muzzleloader season Dec. 27-30, 2008.



Table 2. Ohio's 2008-09 antlered and antlerless deer harvest by season for the top 5 total harvest counties.

SEASON	COUNTY	ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
BONUS GUN	Coshocton	179	188	496	509
	Tuscarawas	210	155	501	504
	Harrison	201	162	404	457
	Guernsey	162	149	479	403
	Licking	193	133	367	386
GUN	Coshocton	1,316	1,545	2,588	3,383
	Tuscarawas	1,136	1,305	2,373	3,153
	Guernsey	1,176	1,322	2,283	2,741
	Muskingum	1,147	1,334	2,294	2,647
	Harrison	1,080	1,240	1,948	2,642
CROSSBOW	Licking	702	658	965	894
	Coshocton	583	577	829	887
	Tuscarawas	525	606	798	826
	Ashtabula	457	522	649	822
	Holmes	465	465	693	795
VERTICAL BOW	Licking	541	602	958	1,100
	Coshocton	451	534	798	849
	Tuscarawas	363	407	702	797
	Knox	353	396	743	740
	Holmes	295	302	666	756
MUZZLELOADER	Coshocton	203	185	648	596
	Tuscarawas	182	169	524	546
	Harrison	179	175	526	524
	Belmont	189	167	497	476
	Licking	202	155	533	486
YOUTH	Tuscarawas	169	153	168	193
	Guernsey	150	134	152	190
	Muskingum	150	135	133	179
	Coshocton	177	112	149	199
	Licking	149	141	130	168
TOTAL	Coshocton	2,909	3,141	5,508	6,423
	Tuscarawas	2,585	2,795	5,066	6,019
	Licking	2,758	2,745	4,765	5,222
	Guernsey	2,546	2,644	4,529	4,957
	Harrison	2,327	2,520	4,007	4,934



followed by Tuscarawas, Harrison, Belmont, and Licking counties (Table 2). Young hunters harvested 9,699 deer, 3.6% fewer than last season. Top spots for youth hunters were Tuscarawas, Guernsey, Muskingum, Coshocton, and Licking counties. The Division of Wildlife issued 611,442 deer permits in license year 2008-09 (Appendix B on page 16), 5.7% more than last year. Senior (free and reduced) and regular antlerless permits were largely responsible for the jump in sales, increasing 112% and 45%, respectively (Fig. 3).

### 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 5,938 deer were aged in 21 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.

*These data provide a snapshot of the relative condition of the deer herd.*

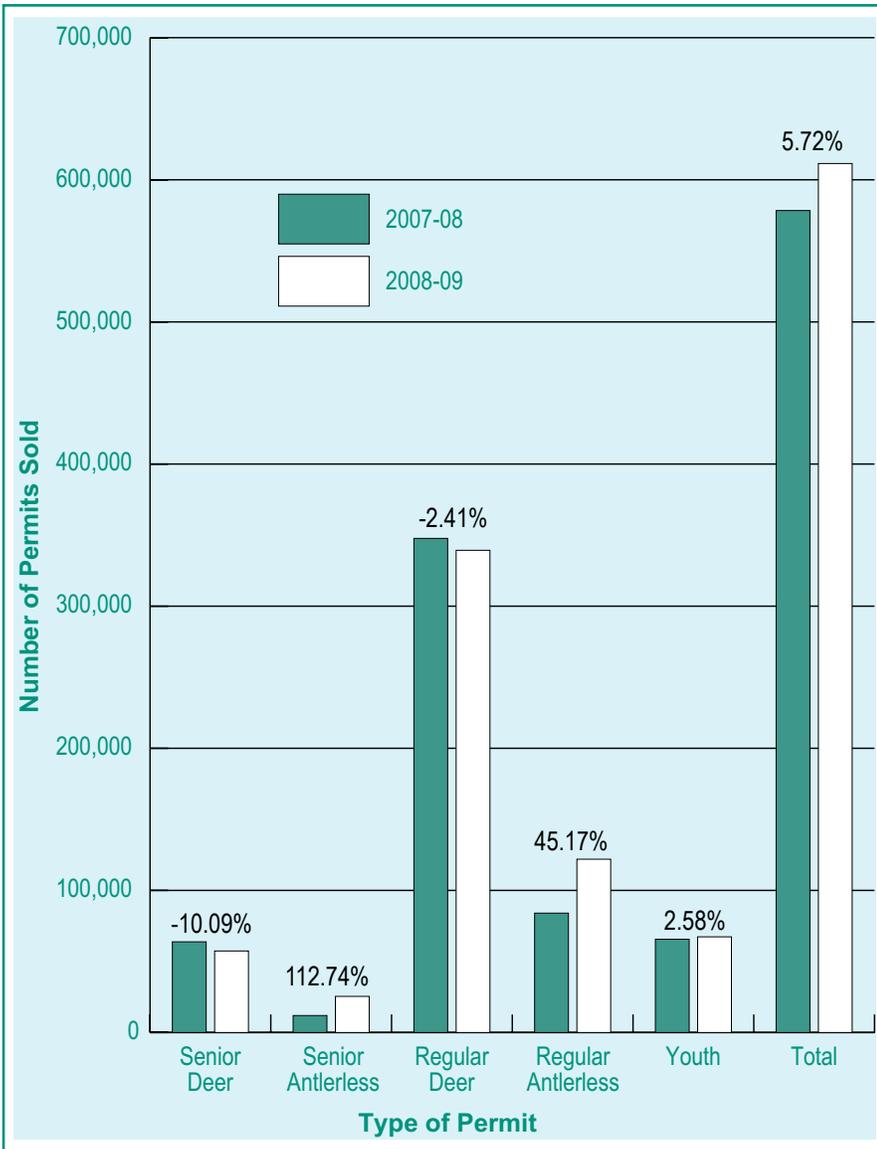


Figure 3. Deer permit sales for 2007-08, 2008-09, and percent change.

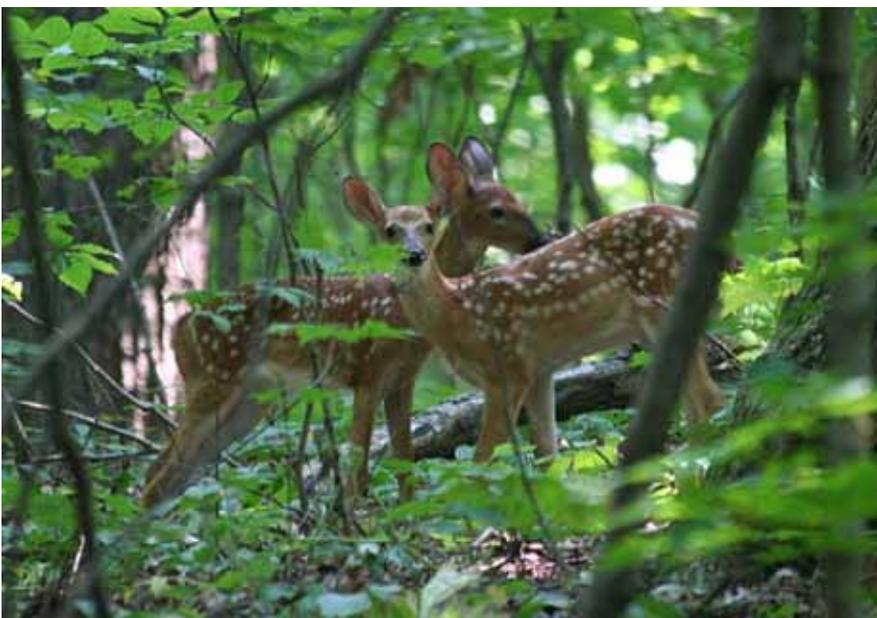


Table 3. Estimated annual mortality rate of antlered deer, preseason adult (1.5 years old and older) sex ratio, and fawns per adult doe in the gun season harvest sample. Estimates are based on 5,938 deer sampled during the 2008-09 gun season.

Variable	Region		
	EC-Southeast	Northeast	Western
<b>Adult buck mortality rate<sup>1</sup></b>			
2004-08 average	0.50	0.52	0.58
2008	0.46	0.55	0.56
<b>Adult sex ratio (F:M)</b>			
2004-08 average	1.51	1.48	1.51
2008	1.40 <sup>2</sup>	1.50	1.46
<b>Fawns/adult doe</b>			
2004-08 average	0.86	1.10	1.02
2008	0.77	0.91	1.01

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

<sup>2</sup>For example, for every 100 adult bucks alive at the start of the fall hunting season, there will be approximately 140 adult does.

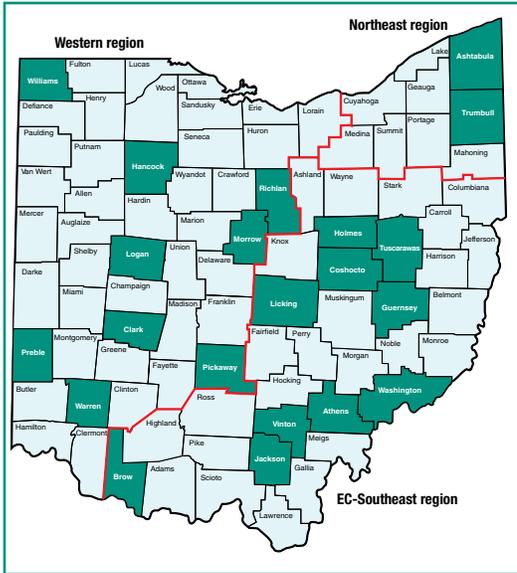


Figure 4. Distribution of the deer aging stations for the 2008-09 deer season.



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 2008-09 seasons is presented in Figure 6.

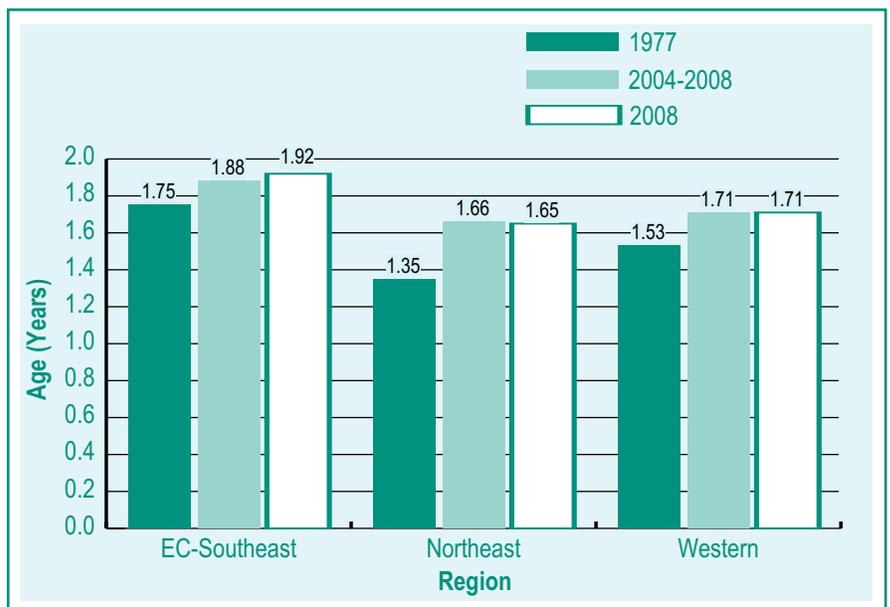
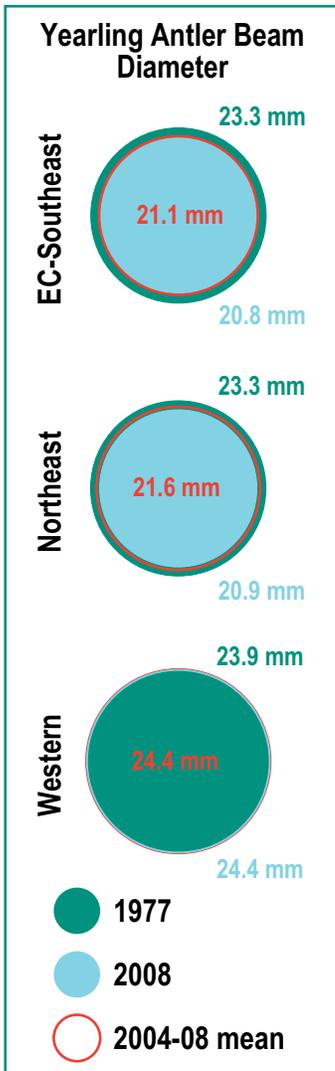


Figure 5. Mean age of all deer sampled by region for gun season harvest samples, 2004-08. Annual means are based on sample sizes that generally ranged from 5-7% of the total gun harvest.

### DEER-VEHICLE ACCIDENTS



Because of the secretiveness and mobility of the white-tailed deer, hunter harvest and reported deer-vehicle accidents have been used in place of actual counts to monitor deer populations. These 2 indices, or measures of relative abundance, have historically been highly correlated with one another; in other words, as the buck harvest increased, so did the number of accidents reported, and vice versa. In fact, both the number of reported accidents and the total annual buck harvest increased 7% annually from 1977 to 2003 (Fig. 7). Because an-

nual harvest can be affected by many factors including weather, farming practices, and hunter participation, the number of reported deer-vehicle accidents has served as a valuable independent measure of herd size. However, more recent data suggest that the number of reported accidents may no longer track changes in the size of the deer herd. From 2003-2008, the number of reported accidents dropped an average of 5% per year. During the same time period, buck harvest has been generally trending upward, although with more variability (Fig. 8). The same upward trend is apparent in both the number of deer carcasses removed from state highways each year by the Ohio Department of Transportation (ODOT) as well as the projected number of industry-wide insurance claims involving deer in Ohio. These projections are based on State Farm's market share within Ohio.

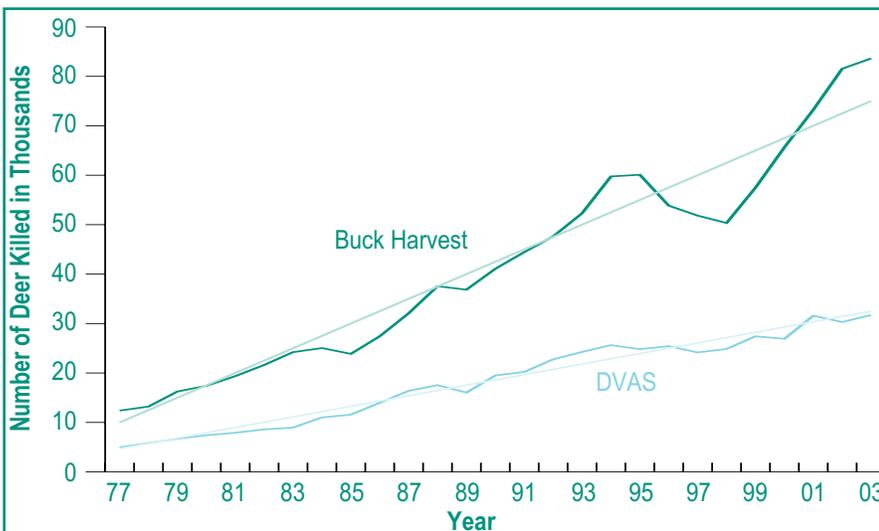


Figure 7. Statewide trends in reported hunter-harvested white-tailed deer bucks and deer vehicle accidents (DVAS), 1977-2003.

Most (3 of 4) indices used to track trends in deer abundance on a statewide scale suggest that the number of reported deer-car crashes no longer tracks changes in the size of Ohio's deer population. This change is most likely related to changes in reporting rates over time. Since most insurance companies no longer require an accident report, motorists may be less inclined to complete them except in the case of personal injury. Thus, we have chosen to discontinue use of reported deer-vehicle accident data as a metric to track Ohio deer population trends and will no longer publish such data in this report.

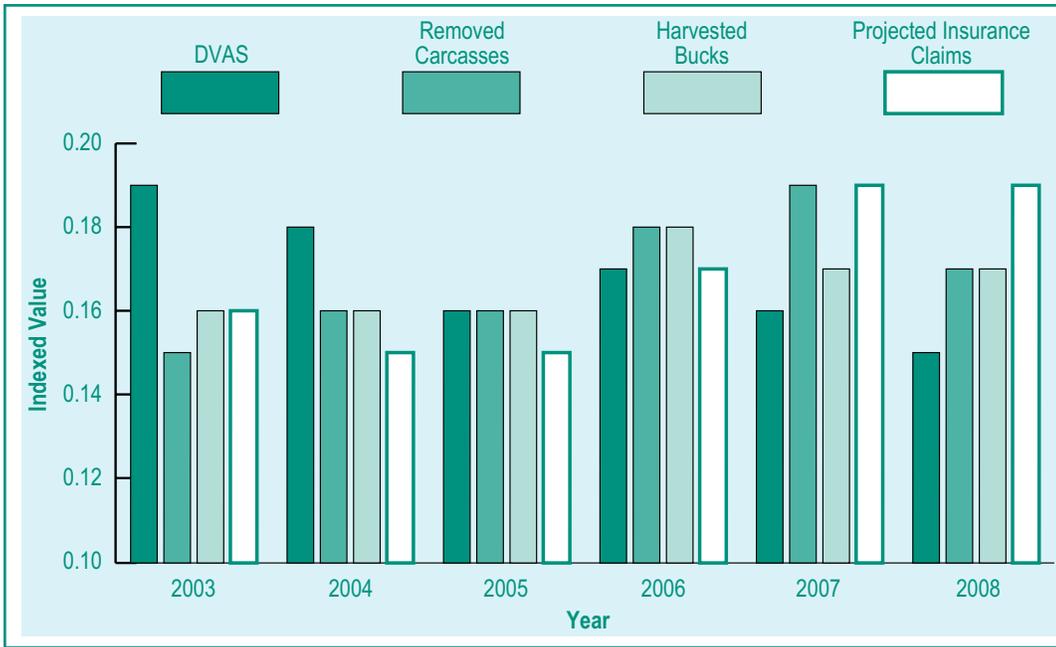


Figure 8. Statewide trends in reported hunter-harvested white-tailed deer bucks, deer vehicle accidents (DVAS), deer carcasses removed from state highways, and projected insurance claims involving deer based on State Farm insurance data, 2003-08.

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 circumstances 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 2008, a total of 1,732 crop damage complaints was received by the Division of Wildlife (Fig. 9 and Appendix C on page 17). Although well below the record 2,221 complaints received in 2004, the number of complaints received this year was up 3.2% from last year (Fig. 9). A total of 7,685 deer was killed on damage permits this year, 11.8% fewer than last season.

### 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,

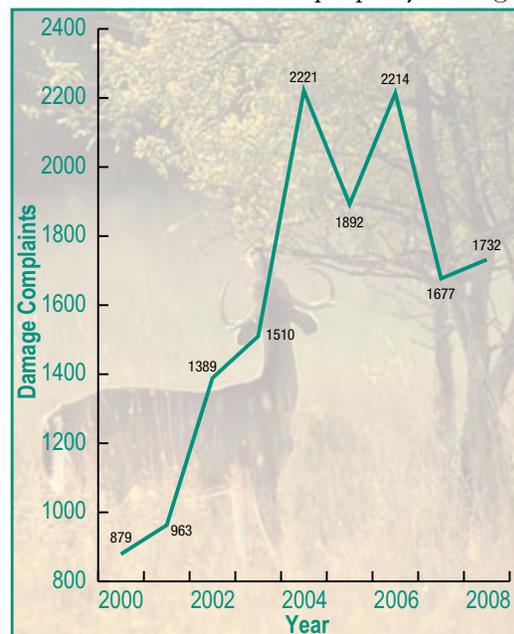


Figure 9. Statewide trends in deer damage complaints, 2000-2008.



## SEASON SUMMARY

Once again, our goal was to continue to shift harvest pressure to the antlerless segment of the population. In spite of progress in 2007, work remained, particularly in our southeast Zone C counties. Therefore, the decision was made to allow hunters to use unfilled \$15 antlerless permits during gun season, in Zone C only.

The permits had to be purchased before the start of the gun season. Elsewhere in the state, antlerless permits would expire with the start of the gun season, just as they did last year.

Through gun season, hunters harvested 121,748 antlerless deer, a 16% increase over last year (Fig. 10). Most of the additional 17,157 antlerless deer harvested this year were taken in gun season, with Zone C hunters accounting for the majority (93%) of the additional deer. The gun season harvest in Zone C was up 23% over last year (Fig. 11). Although gun hunters took more deer this year in both Zones A and B, the increases were insignificant relative to Zone C; Zones A

and B gun harvests were up a modest 6% and 5%, respectively (Fig. 11). Archers took 23% and 21% more antlerless deer in Zones A and B, respectively, this year in the 9 weeks prior to the gun season. The archery harvest in Zone C was up only 8% (Fig. 11).

On the surface, the move to expand opportunity through the gun season seemed to be a logical solution to under-harvest in Zone C. Success takes time, and with more time, logic would predict a larger harvest. Unfortunately, more time also means more time to defer harvest and apparently many of our hunters opted to do just that. The total antlerless harvest through gun season in Zone

*Unfortunately, more time also means more time to defer harvest and apparently many of our hunters opted to do just that.*

C was only slightly (18% vs. 14%) ahead of Zone A where regulations remained unchanged from last season (Fig. 11). To a large degree, this is due to the fact that many hunters opted to wait until gun season to try and fill their antlerless tag. The disproportionately large and small increases in the gun and archery harvests, respectively, in Zone C relative to the rest of the state confirm this. Permit sales point to this as well. Although the intent of the regulation was to provide archers with an opportunity to use unfilled antlerless permits, many hunters waited until nearly gun season to buy their antlerless permits. Hunters purchased 17,236 permits the week before gun season, with nearly 40% of these sales occurring on Sunday, the last day to

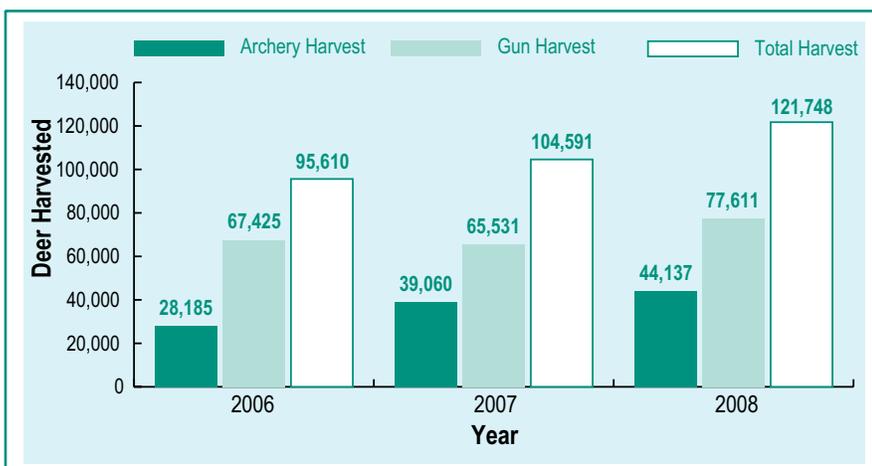


Figure 10. Antlerless deer harvest from opening day of archery season through gun season, 2006-2008.

buy the permit. What's more, the modest harvest increase in Zone C relative to the rest of the state came with considerable risk. By deferring their harvest, many hunters in effect traded 9 weeks of archery opportunity for 3 1/2 days of gun hunting. Had the opening day of gun season been a repeat of 2007 when the harvest dropped 51%, it is very likely

that the total antlerless harvest would have been down rather than up this year.

Many have questioned the logic of restricting the valid dates of the antlerless permit. "Hunters need time to kill deer, yet you're limiting them to less than half the archery season and only 1 of 3 firearms seasons." Contrary to popular opinion, more is not better, at least not

in the case of hunting opportunities when deer populations are at historic highs and interest in antlers has never been greater. Both of these can be distractions from the most important job at hand - harvesting sufficient numbers of antlerless deer to keep the herd in balance with its habitat. For that reason, we will continue to look for ways to strike a balance between demanding antlerless harvest objectives and hunting opportunity. Like the \$15 antlerless permit, this may mean somewhat nontraditional approaches to managing the harvest. Our success will depend on the willingness of Ohio deer hunters to adapt. If the past is any indication of the future, Ohio's deer program will remain a model for the rest of the country.

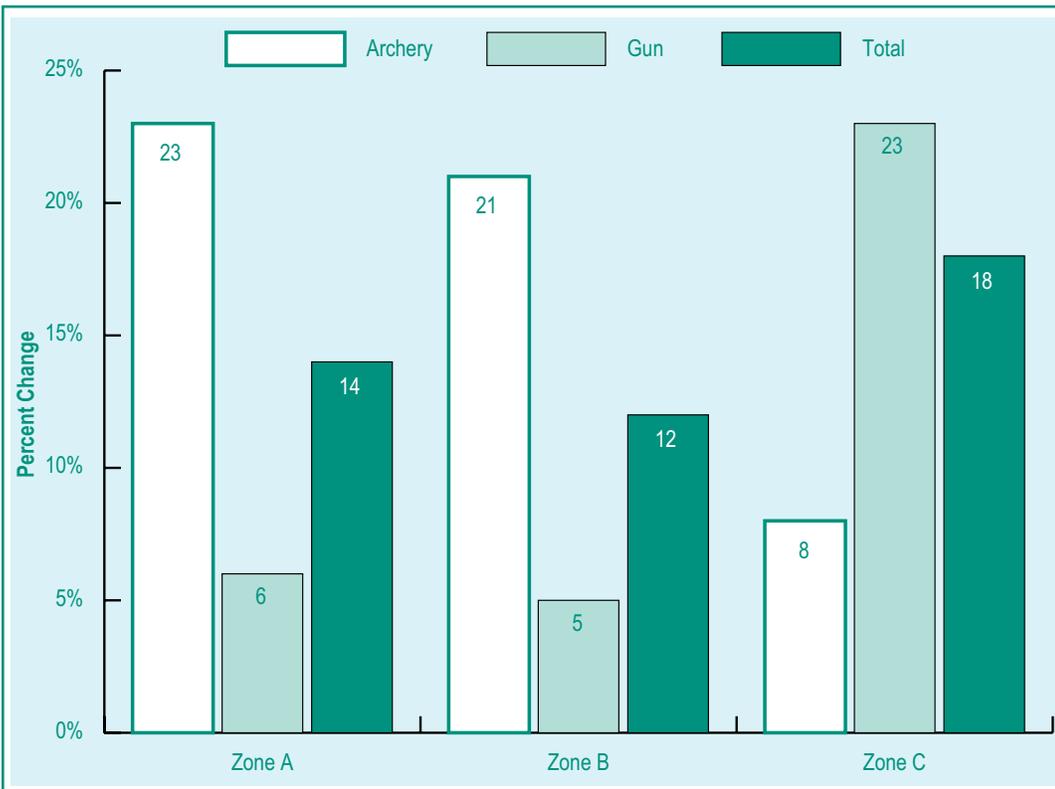


Figure 11. Change in antlerless gun and archery harvest (1st 9 weeks of season) in 2008, by deer zone compared to 2007 harvest data.



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

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
ADAMS	BONUS GUN	85	78	136	221
	GUN	666	673	1125	1264
	CROSSBOW	250	282	318	366
	VERTICAL BOW	311	308	472	485
	MUZZLELOADER	142	107	266	271
	YOUTH	117	74	79	88
	TOTAL	1572	1529	2399	2702
ALLEN	BONUS GUN	16	23	41	30
	GUN	148	143	180	155
	CROSSBOW	84	91	98	101
	VERTICAL BOW	67	72	108	117
	MUZZLELOADER	23	17	46	51
	YOUTH	26	21	18	25
	TOTAL	364	367	491	479
ASHLAND	BONUS GUN	77	68	242	182
	GUN	497	458	930	886
	CROSSBOW	317	318	397	383
	VERTICAL BOW	185	201	277	341
	MUZZLELOADER	71	80	211	252
	YOUTH	76	76	74	84
	TOTAL	1223	1201	2131	2128
ASHTABULA	BONUS GUN	136	121	371	349
	GUN	758	933	1552	2233
	CROSSBOW	457	522	649	822
	VERTICAL BOW	250	307	507	611
	MUZZLELOADER	94	95	297	261
	YOUTH	65	66	87	128
	TOTAL	1760	2044	3463	4404
ATHENS	BONUS GUN	109	90	257	217
	GUN	876	1042	1516	1894
	CROSSBOW	278	309	279	323
	VERTICAL BOW	371	368	444	425
	MUZZLELOADER	138	129	402	365
	YOUTH	102	65	86	99
	TOTAL	1874	2003	2984	3323
AUGLAIZE	BONUS GUN	17	10	41	26
	GUN	158	113	180	195
	CROSSBOW	60	73	86	106
	VERTICAL BOW	69	67	79	94
	MUZZLELOADER	13	18	43	25
	YOUTH	36	19	24	30
	TOTAL	353	300	453	476
BELMONT	BONUS GUN	160	146	339	366
	GUN	1038	1148	1434	1994
	CROSSBOW	315	380	293	392
	VERTICAL BOW	188	242	285	307
	MUZZLELOADER	189	167	497	476
	YOUTH	141	108	76	107
	TOTAL	2031	2191	2924	3642
BROWN	BONUS GUN	64	71	182	193
	GUN	536	521	881	1117
	CROSSBOW	214	211	259	341
	VERTICAL BOW	263	264	440	396
	MUZZLELOADER	126	89	268	290
	YOUTH	103	68	73	71
	TOTAL	1306	1224	2103	2408
BUTLER	BONUS GUN	44	28	59	78
	GUN	185	145	266	252
	CROSSBOW	171	167	221	246
	VERTICAL BOW	162	163	229	282
	MUZZLELOADER	56	39	118	104
	YOUTH	47	30	17	35
	TOTAL	665	572	910	997
CARROLL	BONUS GUN	147	124	386	392
	GUN	785	949	1564	2191
	CROSSBOW	362	403	476	567
	VERTICAL BOW	196	200	334	438
	MUZZLELOADER	138	129	338	388
	YOUTH	111	101	80	115
	TOTAL	1739	1906	3178	4091

**Appendix A. Continued**

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
CHAMPAIGN	BONUS GUN	36	22	87	65
	GUN	268	252	496	395
	CROSSBOW	115	128	181	218
	VERTICAL BOW	134	119	223	287
	MUZZLELOADER	39	33	103	111
	YOUTH	63	34	38	54
	TOTAL	655	588	1128	1130
CLARK	BONUS GUN	18	19	45	31
	GUN	128	101	160	172
	CROSSBOW	113	114	126	123
	VERTICAL BOW	87	85	127	157
	MUZZLELOADER	33	24	45	41
	YOUTH	21	13	17	17
	TOTAL	400	356	520	541
CLERMONT	BONUS GUN	57	60	135	162
	GUN	404	391	650	722
	CROSSBOW	356	366	479	455
	VERTICAL BOW	345	336	560	557
	MUZZLELOADER	75	69	230	213
	YOUTH	63	60	49	48
	TOTAL	1300	1282	2103	2157
CLINTON	BONUS GUN	21	26	45	37
	GUN	175	154	242	208
	CROSSBOW	88	107	108	128
	VERTICAL BOW	85	87	108	145
	MUZZLELOADER	29	24	76	77
	YOUTH	31	31	25	25
	TOTAL	429	429	604	620
COLUMBIANA	BONUS GUN	133	125	370	269
	GUN	722	749	1173	1608
	CROSSBOW	397	433	430	508
	VERTICAL BOW	192	172	267	289
	MUZZLELOADER	101	93	308	276
	YOUTH	95	92	105	80
	TOTAL	1640	1664	2653	3030
COSHOCTON	BONUS GUN	179	188	496	509
	GUN	1316	1545	2588	3383
	CROSSBOW	583	577	829	887
	VERTICAL BOW	451	534	798	849
	MUZZLELOADER	203	185	648	596
	YOUTH	177	112	149	199
	TOTAL	2909	3141	5508	6423
CRAWFORD	BONUS GUN	22	14	77	52
	GUN	227	245	365	397
	CROSSBOW	69	100	112	114
	VERTICAL BOW	50	74	96	113
	MUZZLELOADER	19	20	56	61
	YOUTH	38	18	30	40
	TOTAL	425	471	736	777
CUYAHOGA	BONUS GUN	2	2	2	2
	GUN	9	14	17	19
	CROSSBOW	129	149	298	273
	VERTICAL BOW	42	52	134	152
	MUZZLELOADER	7	6	11	12
	YOUTH	1		1	2
	TOTAL	190	223	463	458
DARKE	BONUS GUN	27	12	39	42
	GUN	133	101	172	177
	CROSSBOW	83	74	73	102
	VERTICAL BOW	59	66	82	92
	MUZZLELOADER	14	17	54	34
	YOUTH	18	25	33	33
	TOTAL	334	295	453	480
DEFIANCE	BONUS GUN	10	26	10	57
	GUN	311	339	309	407
	CROSSBOW	80	96	83	150
	VERTICAL BOW	104	129	127	155
	MUZZLELOADER	37	34	73	76
	YOUTH	28	27	28	44
	TOTAL	570	651	630	889

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
DELAWARE	BONUS GUN	37	37	127	89
	GUN	274	274	450	517
	CROSSBOW	214	236	285	321
	VERTICAL BOW	178	168	279	306
	MUZZLELOADER	49	24	141	122
	YOUTH	40	23	35	30
	TOTAL	792	762	1317	1385
ERIE	BONUS GUN	19	11	18	32
	GUN	73	76	106	103
	CROSSBOW	139	133	130	131
	VERTICAL BOW	61	50	64	85
	MUZZLELOADER	25	11	26	36
	YOUTH	10	7	9	9
	TOTAL	327	288	353	396
FAIRFIELD	BONUS GUN	71	59	180	118
	GUN	469	467	886	899
	CROSSBOW	253	240	311	299
	VERTICAL BOW	221	213	321	338
	MUZZLELOADER	71	64	211	178
	YOUTH	71	58	65	76
	TOTAL	1156	1101	1974	1908
FAYETTE	BONUS GUN	8	9	14	16
	GUN	88	83	101	81
	CROSSBOW	34	31	25	38
	VERTICAL BOW	30	37	23	34
	MUZZLELOADER	12	9	17	18
	YOUTH	27	11	9	10
	TOTAL	199	180	189	197
FRANKLIN	BONUS GUN	12	12	35	25
	GUN	83	72	169	136
	CROSSBOW	106	122	173	156
	VERTICAL BOW	105	123	164	178
	MUZZLELOADER	12	17	40	34
	YOUTH	7	16	6	2
	TOTAL	325	362	587	531
FULTON	BONUS GUN	26	27	24	41
	GUN	204	192	142	194
	CROSSBOW	62	56	62	66
	VERTICAL BOW	56	54	77	109
	MUZZLELOADER	14	16	24	30
	YOUTH	18	26	22	19
	TOTAL	380	371	351	459
GALLIA	BONUS GUN	78	75	152	197
	GUN	813	828	1414	1549
	CROSSBOW	180	197	233	202
	VERTICAL BOW	183	216	277	285
	MUZZLELOADER	110	85	334	293
	YOUTH	100	59	89	69
	TOTAL	1464	1460	2499	2595
GEAUGA	BONUS GUN	41	30	127	122
	GUN	247	340	483	679
	CROSSBOW	327	350	486	425
	VERTICAL BOW	185	207	410	431
	MUZZLELOADER	38	29	137	95
	YOUTH	26	25	26	29
	TOTAL	864	981	1669	1781
GREENE	BONUS GUN	14	8	49	53
	GUN	158	123	218	179
	CROSSBOW	143	122	137	133
	VERTICAL BOW	125	133	182	178
	MUZZLELOADER	32	24	66	66
	YOUTH	19	10	10	8
	TOTAL	491	420	662	617
GUERNSEY	BONUS GUN	162	149	479	403
	GUN	1176	1322	2283	2741
	CROSSBOW	521	554	603	653
	VERTICAL BOW	354	334	489	522
	MUZZLELOADER	183	151	523	448
	YOUTH	150	134	152	190
	TOTAL	2561	2763	4651	5153

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
HAMILTON	BONUS GUN	19	12	55	36
	GUN	98	80	177	199
	CROSSBOW	192	217	363	317
	VERTICAL BOW	227	232	527	489
	MUZZLELOADER	37	20	96	91
	YOUTH	16	13	12	11
	TOTAL	589	574	1230	1143
HANCOCK	BONUS GUN	37	16	74	59
	GUN	298	241	473	447
	CROSSBOW	133	147	126	150
	VERTICAL BOW	104	110	153	192
	MUZZLELOADER	26	36	84	80
	YOUTH	45	32	45	36
	TOTAL	643	582	955	964
HARDIN	BONUS GUN	33	26	63	64
	GUN	257	236	510	387
	CROSSBOW	74	65	102	98
	VERTICAL BOW	63	63	125	167
	MUZZLELOADER	36	44	75	80
	YOUTH	44	27	56	31
	TOTAL	507	461	931	827
HARRISON	BONUS GUN	201	162	404	457
	GUN	1080	1240	1948	2642
	CROSSBOW	464	509	580	671
	VERTICAL BOW	259	297	454	477
	MUZZLELOADER	179	175	526	524
	YOUTH	144	137	95	163
	TOTAL	2327	2520	4007	4934
HENRY	BONUS GUN	12	7	22	23
	GUN	160	172	152	199
	CROSSBOW	45	47	36	74
	VERTICAL BOW	51	50	51	64
	MUZZLELOADER	10	14	28	37
	YOUTH	24	27	9	32
	TOTAL	302	317	298	429
HIGHLAND	BONUS GUN	70	69	157	157
	GUN	472	490	910	1062
	CROSSBOW	189	188	233	315
	VERTICAL BOW	220	201	292	327
	MUZZLELOADER	90	76	248	215
	YOUTH	101	66	65	61
	TOTAL	1142	1090	1905	2137
HOCKING	BONUS GUN	98	74	270	213
	GUN	722	870	1414	1780
	CROSSBOW	366	344	410	375
	VERTICAL BOW	329	313	396	410
	MUZZLELOADER	133	82	356	299
	YOUTH	102	67	90	94
	TOTAL	1750	1750	2936	3171
HOLMES	BONUS GUN	108	103	315	292
	GUN	778	795	1654	2017
	CROSSBOW	465	465	693	795
	VERTICAL BOW	295	302	666	756
	MUZZLELOADER	120	116	422	386
	YOUTH	136	126	150	167
	TOTAL	1902	1907	3900	4413
HURON	BONUS GUN	52	45	146	131
	GUN	395	360	687	721
	CROSSBOW	164	203	225	281
	VERTICAL BOW	98	131	155	202
	MUZZLELOADER	58	39	134	141
	YOUTH	44	49	59	80
	TOTAL	811	827	1406	1556
JACKSON	BONUS GUN	70	59	139	180
	GUN	593	722	1172	1359
	CROSSBOW	248	300	291	365
	VERTICAL BOW	236	257	351	370
	MUZZLELOADER	96	111	277	285
	YOUTH	87	65	94	84
	TOTAL	1330	1514	2324	2643

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
JEFFERSON	BONUS GUN	173	167	416	337
	GUN	1119	1076	1532	1963
	CROSSBOW	354	395	378	416
	VERTICAL BOW	296	287	321	371
	MUZZLELOADER	188	154	472	414
	YOUTH	127	124	85	127
	TOTAL	2257	2203	3204	3628
KNOX	BONUS GUN	157	118	428	347
	GUN	1011	1063	2041	2548
	CROSSBOW	405	390	627	719
	VERTICAL BOW	353	396	743	740
	MUZZLELOADER	151	119	465	479
	YOUTH	144	126	161	178
	TOTAL	2221	2212	4465	5011
LAKE	BONUS GUN	8	5	39	26
	GUN	72	61	130	192
	CROSSBOW	159	142	206	228
	VERTICAL BOW	65	65	124	128
	MUZZLELOADER	6	10	36	37
	YOUTH	10	4	7	3
	TOTAL	320	287	542	614
LAWRENCE	BONUS GUN	63	56	115	149
	GUN	665	582	864	1042
	CROSSBOW	164	184	180	204
	VERTICAL BOW	238	209	242	262
	MUZZLELOADER	98	103	175	191
	YOUTH	97	82	68	59
	TOTAL	1325	1216	1644	1907
LICKING	BONUS GUN	193	133	367	386
	GUN	971	1056	1812	2188
	CROSSBOW	702	658	965	894
	VERTICAL BOW	541	602	958	1100
	MUZZLELOADER	202	155	533	486
	YOUTH	149	141	130	168
	TOTAL	2758	2745	4765	5222
LOGAN	BONUS GUN	37	28	109	109
	GUN	360	309	700	605
	CROSSBOW	103	152	190	238
	VERTICAL BOW	132	172	266	320
	MUZZLELOADER	55	47	178	136
	YOUTH	63	49	44	59
	TOTAL	750	757	1487	1467
LORAIN	BONUS GUN	43	47	141	119
	GUN	266	257	528	506
	CROSSBOW	336	376	484	554
	VERTICAL BOW	121	120	210	216
	MUZZLELOADER	50	42	127	131
	YOUTH	51	34	37	64
	TOTAL	867	876	1527	1590
LUCAS	BONUS GUN	13	10	37	28
	GUN	58	46	142	139
	CROSSBOW	84	121	147	215
	VERTICAL BOW	63	78	118	161
	MUZZLELOADER	6	11	28	36
	YOUTH	6	6	12	4
	TOTAL	230	272	484	583
MADISON	BONUS GUN	16	16	23	42
	GUN	109	109	104	126
	CROSSBOW	52	51	31	53
	VERTICAL BOW	39	63	48	67
	MUZZLELOADER	20	19	33	23
	YOUTH	24	17	11	21
	TOTAL	260	275	250	332
MAHONING	BONUS GUN	32	39	94	88
	GUN	192	210	400	389
	CROSSBOW	250	256	277	358
	VERTICAL BOW	118	133	151	170
	MUZZLELOADER	41	39	124	81
	YOUTH	31	17	31	28
	TOTAL	664	694	1077	1114

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
MARION	BONUS GUN	19	18	35	41
	GUN	177	161	258	197
	CROSSBOW	76	68	80	92
	VERTICAL BOW	58	55	67	73
	MUZZLELOADER	15	24	53	47
	YOUTH	23	14	20	16
	TOTAL	368	340	513	466
MEDINA	BONUS GUN	45	28	98	89
	GUN	233	222	400	441
	CROSSBOW	315	331	311	416
	VERTICAL BOW	109	102	161	195
	MUZZLELOADER	37	46	100	115
	YOUTH	27	24	28	38
	TOTAL	766	753	1098	1294
MEIGS	BONUS GUN	77	88	213	208
	GUN	771	856	1560	1659
	CROSSBOW	232	262	287	288
	VERTICAL BOW	246	259	293	318
	MUZZLELOADER	150	145	433	362
	YOUTH	126	84	94	72
	TOTAL	1602	1694	2880	2907
MERCER	BONUS GUN	16	11	27	17
	GUN	130	110	182	142
	CROSSBOW	44	40	60	85
	VERTICAL BOW	49	34	84	92
	MUZZLELOADER	11	10	25	28
	YOUTH	28	28	31	30
	TOTAL	278	233	409	394
MIAMI	BONUS GUN	15	16	34	31
	GUN	104	96	110	138
	CROSSBOW	97	92	95	123
	VERTICAL BOW	77	91	102	107
	MUZZLELOADER	15	19	39	29
	YOUTH	11	11	8	16
	TOTAL	319	325	388	444
MONROE	BONUS GUN	90	89	241	232
	GUN	827	1077	1479	1918
	CROSSBOW	236	293	261	368
	VERTICAL BOW	130	133	213	218
	MUZZLELOADER	155	167	358	434
	YOUTH	109	100	79	91
	TOTAL	1547	1859	2631	3261
MONTGOMERY	BONUS GUN	8	8	17	11
	GUN	46	28	73	78
	CROSSBOW	86	81	95	107
	VERTICAL BOW	75	58	96	112
	MUZZLELOADER	19	13	20	25
	YOUTH	9	7	7	8
	TOTAL	243	195	308	341
MORGAN	BONUS GUN	80	64	218	173
	GUN	700	771	1419	1514
	CROSSBOW	163	180	203	204
	VERTICAL BOW	196	193	300	246
	MUZZLELOADER	112	111	265	268
	YOUTH	65	62	63	71
	TOTAL	1327	1414	2526	2537
MORROW	BONUS GUN	41	58	122	111
	GUN	356	348	585	703
	CROSSBOW	204	198	199	246
	VERTICAL BOW	111	112	184	180
	MUZZLELOADER	56	37	144	120
	YOUTH	49	42	47	40
	TOTAL	817	795	1281	1401
MUSKINGUM	BONUS GUN	157	135	410	328
	GUN	1147	1334	2294	2647
	CROSSBOW	419	453	493	461
	VERTICAL BOW	431	482	558	502
	MUZZLELOADER	155	155	509	434
	YOUTH	150	135	133	179
	TOTAL	2460	2694	4397	4551

Appendix A. Continued

Appendix A. Continued

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
NOBLE	BONUS GUN	86	101	270	205
	GUN	797	955	1505	1688
	CROSSBOW	231	250	299	334
	VERTICAL BOW	173	180	247	278
	MUZZLELOADER	100	124	332	294
	YOUTH	80	104	72	83
	TOTAL	1467	1714	2725	2882
OTTAWA	BONUS GUN	14	14	21	15
	GUN	59	42	89	51
	CROSSBOW	62	60	50	60
	VERTICAL BOW	25	36	38	35
	MUZZLELOADER	10	7	33	26
	YOUTH	13	13	13	10
	TOTAL	183	172	244	197
PAULDING	BONUS GUN	19	8	43	35
	GUN	163	195	211	217
	CROSSBOW	50	65	54	104
	VERTICAL BOW	47	76	85	104
	MUZZLELOADER	16	20	30	52
	YOUTH	26	18	25	32
	TOTAL	321	382	448	544
PERRY	BONUS GUN	124	81	309	274
	GUN	728	779	1484	1788
	CROSSBOW	227	264	304	325
	VERTICAL BOW	210	196	299	292
	MUZZLELOADER	106	101	318	305
	YOUTH	119	96	87	116
	TOTAL	1523	1545	2821	3138
PICKAWAY	BONUS GUN	21	21	68	48
	GUN	259	176	360	375
	CROSSBOW	112	103	103	93
	VERTICAL BOW	74	85	78	112
	MUZZLELOADER	19	27	80	45
	YOUTH	43	23	21	23
	TOTAL	528	435	710	696
PIKE	BONUS GUN	49	51	73	132
	GUN	425	507	665	870
	CROSSBOW	144	185	180	209
	VERTICAL BOW	162	162	176	182
	MUZZLELOADER	89	59	155	173
	YOUTH	71	45	49	45
	TOTAL	940	1009	1298	1611
PORTAGE	BONUS GUN	57	52	123	112
	GUN	264	311	462	596
	CROSSBOW	375	416	497	592
	VERTICAL BOW	142	165	257	272
	MUZZLELOADER	42	33	134	110
	YOUTH	31	26	31	29
	TOTAL	911	1003	1504	1711
PREBLE	BONUS GUN	12	17	27	34
	GUN	136	106	118	129
	CROSSBOW	88	119	101	132
	VERTICAL BOW	85	90	104	107
	MUZZLELOADER	33	26	42	59
	YOUTH	24	15	14	17
	TOTAL	378	373	406	478
PUTNAM	BONUS GUN	18	9	35	15
	GUN	145	113	154	169
	CROSSBOW	59	61	82	88
	VERTICAL BOW	54	58	77	91
	MUZZLELOADER	12	14	32	25
	YOUTH	29	31	25	42
	TOTAL	317	286	405	430
RICHLAND	BONUS GUN	75	64	210	199
	GUN	554	560	1109	1468
	CROSSBOW	410	437	595	607
	VERTICAL BOW	250	228	421	472
	MUZZLELOADER	69	79	269	242
	YOUTH	80	73	87	113
	TOTAL	1438	1441	2691	3101

COUNTY/SEASON		ANTLERED		ANTLERLESS	
		2007	2008	2007	2008
ROSS	BONUS GUN	97	81	193	196
	GUN	710	700	1025	1319
	CROSSBOW	313	327	253	311
	VERTICAL BOW	265	264	305	337
	MUZZLELOADER	107	126	297	287
	YOUTH	132	84	88	72
	TOTAL	1624	1582	2161	2522
SANDUSKY	BONUS GUN	19	17	39	46
	GUN	110	119	159	166
	CROSSBOW	97	103	94	137
	VERTICAL BOW	57	54	66	88
	MUZZLELOADER	8	26	32	55
	YOUTH	15	17	17	11
	TOTAL	306	336	407	503
SCIOTO	BONUS GUN	66	82	133	157
	GUN	464	553	871	1059
	CROSSBOW	206	223	215	296
	VERTICAL BOW	217	231	292	340
	MUZZLELOADER	76	91	232	240
	YOUTH	77	64	66	67
	TOTAL	1116	1280	1833	2199
SENECA	BONUS GUN	37	38	120	88
	GUN	359	331	622	584
	CROSSBOW	180	183	167	212
	VERTICAL BOW	86	97	150	174
	MUZZLELOADER	44	40	119	100
	YOUTH	47	35	54	60
	TOTAL	753	724	1232	1218
SHELBY	BONUS GUN	22	25	40	41
	GUN	189	145	219	213
	CROSSBOW	89	82	115	139
	VERTICAL BOW	72	64	112	114
	MUZZLELOADER	18	14	56	49
	YOUTH	30	29	42	43
	TOTAL	420	359	584	599
STARK	BONUS GUN	51	42	137	118
	GUN	287	296	499	455
	CROSSBOW	281	295	278	368
	VERTICAL BOW	134	136	165	216
	MUZZLELOADER	48	41	127	141
	YOUTH	41	38	41	53
	TOTAL	842	848	1247	1351
SUMMIT	BONUS GUN	18	15	37	24
	GUN	63	81	141	97
	CROSSBOW	320	322	383	454
	VERTICAL BOW	112	105	176	201
	MUZZLELOADER	16	16	46	38
	YOUTH	7	5	4	8
	TOTAL	536	544	787	822
TRUMBULL	BONUS GUN	79	68	217	239
	GUN	449	458	876	1051
	CROSSBOW	425	442	594	689
	VERTICAL BOW	203	223	391	455
	MUZZLELOADER	62	58	177	176
	YOUTH	49	49	63	68
	TOTAL	1267	1298	2318	2678
TUSCARAWAS	BONUS GUN	210	155	501	504
	GUN	1136	1305	2373	3153
	CROSSBOW	525	606	798	826
	VERTICAL BOW	363	407	702	797
	MUZZLELOADER	182	169	524	546
	YOUTH	169	153	168	193
	TOTAL	2585	2795	5066	6019
UNION	BONUS GUN	26	7	38	33
	GUN	173	147	238	217
	CROSSBOW	97	83	69	99
	VERTICAL BOW	61	69	80	111
	MUZZLELOADER	29	18	52	34
	YOUTH	20	20	18	25
	TOTAL	406	344	495	519

Appendix A. Continued

COUNTY/SEASON	ANTLERED		ANTLERLESS		
	2007	2008	2007	2008	
	VANWERT	BONUS GUN	10	8	24
	GUN	120	125	108	118
	CROSSBOW	46	59	60	73
	VERTICAL BOW	28	30	43	57
	MUZZLELOADER	14	21	31	43
	YOUTH	33	23	19	28
	TOTAL	251	266	285	345
VINTON	BONUS GUN	60	48	131	97
	GUN	565	700	958	1246
	CROSSBOW	217	152	179	198
	VERTICAL BOW	244	267	220	274
	MUZZLELOADER	106	62	213	171
	YOUTH	73	48	59	74
	TOTAL	1265	1277	1760	2060
WARREN	BONUS GUN	23	22	68	57
	GUN	193	170	262	245
	CROSSBOW	188	205	207	235
	VERTICAL BOW	171	157	236	264
	MUZZLELOADER	35	41	96	88
	YOUTH	28	23	21	16
	TOTAL	638	618	890	905
WASHINGTON	BONUS GUN	93	99	238	253
	GUN	952	1101	1604	1970
	CROSSBOW	222	300	267	315
	VERTICAL BOW	206	240	270	310
	MUZZLELOADER	131	186	395	431
	YOUTH	146	106	126	129
	TOTAL	1750	2032	2900	3408
WAYNE	BONUS GUN	60	47	134	119
	GUN	319	307	528	558
	CROSSBOW	224	231	233	307
	VERTICAL BOW	135	135	182	237
	MUZZLELOADER	37	62	103	160
	YOUTH	55	25	44	46
	TOTAL	830	807	1224	1427
WILLIAMS	BONUS GUN	49	43	53	62
	GUN	369	360	368	394
	CROSSBOW	133	147	175	178
	VERTICAL BOW	146	178	181	246
	MUZZLELOADER	46	41	61	79
	YOUTH	55	35	33	56
	TOTAL	798	804	871	1015
WOOD	BONUS GUN	21	19	28	20
	GUN	175	146	161	166
	CROSSBOW	96	92	77	129
	VERTICAL BOW	89	95	113	118
	MUZZLELOADER	32	24	42	31
	YOUTH	28	12	18	20
	TOTAL	441	388	439	484
WYANDOT	BONUS GUN	25	41	93	85
	GUN	335	304	613	567
	CROSSBOW	109	97	148	173
	VERTICAL BOW	82	85	157	208
	MUZZLELOADER	35	34	113	148
	YOUTH	43	27	40	61
	TOTAL	629	588	1164	1242

Appendix B. Deer harvest and permit data, 1900-2008.<sup>a</sup>

YEAR	NUMBER OF OPEN COUNTIES IN	NUMBER OF PERMITS	NUMBER OF DEER
	GUN SEASON	SOLD	HARVESTED <sup>c</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

<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.  
<sup>c</sup> License-exempt hunters generally account for 25-30% of the total harvest.

Appendix C. Number of deer damage complaints, permits issued, and deer killed, 2004-2008.

COUNTY	DATA	YEAR				
		2004	2005	2006	2007	2008
ADAMS	COMPLAINTS	65	74	113	24	29
	OUT OF SEASON PERMITS	4	5	27	24	29
	DEER KILLED	10	10	54	136	27
ALLEN	COMPLAINTS	2	3	2	1	6
	OUT OF SEASON PERMITS	0	0	0	1	4
	DEER KILLED	0	0	0	4	7
ASHLAND	COMPLAINTS	34	29	23	38	35
	OUT OF SEASON PERMITS	15	25	16	37	35
	DEER KILLED	124	127	86	207	230
ASHTABULA	COMPLAINTS	35	32	30	28	25
	OUT OF SEASON PERMITS	17	21	16	28	25
	DEER KILLED	72	56	38	80	99
ATHENS	COMPLAINTS	70	70	61	16	30
	OUT OF SEASON PERMITS	25	41	17	16	29
	DEER KILLED	157	65	65	72	105
AUGLAIZE	COMPLAINTS	4	1	1	0	0
	OUT OF SEASON PERMITS	1	0	0	0	0
	DEER KILLED	0	0	0	0	0
BELMONT	COMPLAINTS	55	33	45	34	26
	OUT OF SEASON PERMITS	22	22	25	33	26
	DEER KILLED	110	85	106	121	94
BROWN	COMPLAINTS	55	69	108	47	38
	OUT OF SEASON PERMITS	11	33	64	39	33
	DEER KILLED	41	139	178	144	107
BUTLER	COMPLAINTS	46	27	32	22	29
	OUT OF SEASON PERMITS	22	21	25	22	28
	DEER KILLED	17	25	17	58	55
CARROLL	COMPLAINTS	42	18	47	29	36
	OUT OF SEASON PERMITS	19	16	21	29	35
	DEER KILLED	157	149	88	203	305
CHAMPAIGN	COMPLAINTS	7	5	5	2	3
	OUT OF SEASON PERMITS	2	1	1	0	2
	DEER KILLED	1	1	0	0	4
CLARK	COMPLAINTS	13	12	9	3	6
	OUT OF SEASON PERMITS	5	6	3	3	6
	DEER KILLED	20	28	32	23	32
CLERMONT	COMPLAINTS	24	31	27	25	33
	OUT OF SEASON PERMITS	18	23	21	25	33
	DEER KILLED	80	123	113	178	137
CLINTON	COMPLAINTS	8	14	7	5	5
	OUT OF SEASON PERMITS	1	6	2	5	5
	DEER KILLED	12	11	0	7	11
COLUMBIANA	COMPLAINTS	20	14	21	17	28
	OUT OF SEASON PERMITS	13	13	12	17	28
	DEER KILLED	47	56	64	71	81
COSHOCTON	COMPLAINTS	79	22	70	48	45
	OUT OF SEASON PERMITS	29	45	32	48	45
	DEER KILLED	276	400	415	625	517
CRAWFORD	COMPLAINTS	3	8	11	5	2
	OUT OF SEASON PERMITS	0	1	2	3	1
	DEER KILLED	0	1	2	0	0
CUYAHOGA	COMPLAINTS	32	25	23	14	21
	OUT OF SEASON PERMITS	25	25	18	14	20
	DEER KILLED	85	38	30	24	46
DARKE	COMPLAINTS	0	0	1	0	1
	OUT OF SEASON PERMITS	0	0	1	0	1
	DEER KILLED	0	0	7	0	5
DEFIANCE	COMPLAINTS	1	0	5	2	10
	OUT OF SEASON PERMITS	1	0	2	2	6
	DEER KILLED	0	0	3	6	15
DELAWARE	COMPLAINTS	32	24	23	31	24
	OUT OF SEASON PERMITS	15	19	17	26	22
	DEER KILLED	32	29	30	47	43
ERIE	COMPLAINTS	10	9	29	10	18
	OUT OF SEASON PERMITS	5	5	21	10	16
	DEER KILLED	12	11	17	13	36
FAIRFIELD	COMPLAINTS	87	62	60	58	36
	OUT OF SEASON PERMITS	60	57	52	55	35
	DEER KILLED	306	243	199	199	184
FAYETTE	COMPLAINTS	0	0	3	0	0
	OUT OF SEASON PERMITS	0	0	0	0	0
	DEER KILLED	0	0	0	0	0
FRANKLIN	COMPLAINTS	20	20	24	19	23
	OUT OF SEASON PERMITS	20	19	22	19	22
	DEER KILLED	49	63	67	78	89

Appendix C. Continued

COUNTY	DATA	YEAR				
		2004	2005	2006	2007	2008
FULTON	COMPLAINTS	2	1	2	0	1
	OUT OF SEASON PERMITS	0	0	0	0	1
	DEER KILLED	0	0	0	0	2
GALLIA	COMPLAINTS	4	6	4	9	5
	OUT OF SEASON PERMITS	1	4	3	7	4
	DEER KILLED	4	6	6	6	16
GEAUGA	COMPLAINTS	13	21	21	20	19
	OUT OF SEASON PERMITS	11	18	17	20	18
	DEER KILLED	44	56	58	62	33
GREENE	COMPLAINTS	29	26	21	14	14
	OUT OF SEASON PERMITS	12	11	12	14	14
	DEER KILLED	34	37	18	41	47
GUERNSEY	COMPLAINTS	75	59	68	57	53
	OUT OF SEASON PERMITS	32	41	36	55	53
	DEER KILLED	137	155	195	196	241
HAMILTON	COMPLAINTS	25	28	38	30	40
	OUT OF SEASON PERMITS	24	28	38	30	40
	DEER KILLED	51	78	365	689	159
HANCOCK	COMPLAINTS	17	8	14	6	9
	OUT OF SEASON PERMITS	4	4	6	4	8
	DEER KILLED	26	31	18	12	28
HARDIN	COMPLAINTS	1	0	2	3	1
	OUT OF SEASON PERMITS	0	0	0	1	1
	DEER KILLED	0	0	0	4	5
HARRISON	COMPLAINTS	19	23	23	18	33
	OUT OF SEASON PERMITS	14	19	19	18	32
	DEER KILLED	118	218	166	127	227
HENRY	COMPLAINTS	2	2	7	3	3
	OUT OF SEASON PERMITS	0	0	2	1	2
	DEER KILLED	0	0	0	1	0
HIGHLAND	COMPLAINTS	78	22	30	31	36
	OUT OF SEASON PERMITS	33	22	25	31	36
	DEER KILLED	124	95	105	175	195
HOCKING	COMPLAINTS	54	59	47	44	38
	OUT OF SEASON PERMITS	23	45	30	43	38
	DEER KILLED	248	259	207	466	315
HOLMES	COMPLAINTS	38	33	32	25	19
	OUT OF SEASON PERMITS	10	28	18	23	19
	DEER KILLED	73	194	158	155	113
HURON	COMPLAINTS	7	10	9	3	2
	OUT OF SEASON PERMITS	4	5	4	3	1
	DEER KILLED	2	10	1	1	1
JACKSON	COMPLAINTS	26	30	25	21	17
	OUT OF SEASON PERMITS	14	16	15	20	17
	DEER KILLED	41	6	35	30	46
JEFFERSON	COMPLAINTS	52	41	38	25	30
	OUT OF SEASON PERMITS	26	31	25	25	29
	DEER KILLED	153	166	140	139	260
KNOX	COMPLAINTS	132	138	147	141	157
	OUT OF SEASON PERMITS	94	87	97	141	151
	DEER KILLED	811	720	882	1038	1002
LAKE	COMPLAINTS	41	25	20	27	21
	OUT OF SEASON PERMITS	36	24	19	27	21
	DEER KILLED	73	66	42	81	94
LAWRENCE	COMPLAINTS	21	27	31	26	22
	OUT OF SEASON PERMITS	9	16	19	26	22
	DEER KILLED	32	65	57	100	20
LICKING	COMPLAINTS	50	42	37	75	91
	OUT OF SEASON PERMITS	48	41	34	75	91
	DEER KILLED	36	172	187	438	244
LOGAN	COMPLAINTS	12	11	14	17	33
	OUT OF SEASON PERMITS	8	6	10	17	31
	DEER KILLED	36	41	43	85	77
LORAIN	COMPLAINTS	14	13	14	20	30
	OUT OF SEASON PERMITS	14	13	14	20	29
	DEER KILLED	20	33	20	45	79
LUCAS	COMPLAINTS	7	2	10	6	8
	OUT OF SEASON PERMITS	3	2	7	2	5
	DEER KILLED	5	4	23	8	22
MADISON	COMPLAINTS	0	1	0	1	0
	OUT OF SEASON PERMITS	0	1	0	1	0
	DEER KILLED	0	0	0	5	0
MAHONING	COMPLAINTS	10	8	5	7	6
	OUT OF SEASON PERMITS	7	4	2	5	4
	DEER KILLED	13	9	3	15	15

Appendix C. Continued

Appendix C. Continued

COUNTY	DATA	YEAR				
		2004	2005	2006	2007	2008
MARION	COMPLAINTS	1	1	3	1	5
	OUT OF SEASON PERMITS	1	1	2	1	5
	DEER KILLED	1	1	1	2	7
MEDINA	COMPLAINTS	29	12	15	12	9
	OUT OF SEASON PERMITS	11	10	8	8	4
	DEER KILLED	35	26	20	33	21
MEIGS	COMPLAINTS	27	22	23	20	12
	OUT OF SEASON PERMITS	11	4	16	15	11
	DEER KILLED	40	12	45	67	36
MERCER	COMPLAINTS	0	0	0	0	1
	OUT OF SEASON PERMITS	0	0	0	0	1
	DEER KILLED	0	0	0	0	0
MIAMI	COMPLAINTS	0	2	1	2	7
	OUT OF SEASON PERMITS	0	1	1	1	5
	DEER KILLED	0	0	0	0	1
MONROE	COMPLAINTS	37	39	54	50	26
	OUT OF SEASON PERMITS	13	28	32	48	26
	DEER KILLED	36	70	55	70	77
MONTGOMERY	COMPLAINTS	5	13	8	3	3
	OUT OF SEASON PERMITS	1	9	0	3	2
	DEER KILLED	169	58	0	54	0
MORGAN	COMPLAINTS	61	30	25	28	27
	OUT OF SEASON PERMITS	28	27	22	26	26
	DEER KILLED	184	176	188	236	178
MORROW	COMPLAINTS	5	5	2	5	3
	OUT OF SEASON PERMITS	1	4	1	5	3
	DEER KILLED	1	9	0	7	5
MUSKINGUM	COMPLAINTS	78	76	65	67	57
	OUT OF SEASON PERMITS	43	62	50	65	50
	DEER KILLED	271	347	296	378	297
NOBLE	COMPLAINTS	19	14	14	18	22
	OUT OF SEASON PERMITS	10	11	8	18	21
	DEER KILLED	24	16	7	91	74
OTTAWA	COMPLAINTS	4	5	11	3	5
	OUT OF SEASON PERMITS	0	1	7	1	5
	DEER KILLED	0	0	0	3	3
PAULDING	COMPLAINTS	1	1	9	5	5
	OUT OF SEASON PERMITS	0	1	3	4	5
	DEER KILLED	0	0	4	7	5
PERRY	COMPLAINTS	22	24	39	18	15
	OUT OF SEASON PERMITS	3	10	13	18	14
	DEER KILLED	13	65	55	44	30
PICKAWAY	COMPLAINTS	22	11	9	5	22
	OUT OF SEASON PERMITS	14	11	9	5	20
	DEER KILLED	24	22	12	5	47
PIKE	COMPLAINTS	29	20	16	10	7
	OUT OF SEASON PERMITS	12	10	7	9	7
	DEER KILLED	15	42	14	10	16
PORTAGE	COMPLAINTS	12	10	7	18	15
	OUT OF SEASON PERMITS	8	10	7	18	15
	DEER KILLED	42	24	35	95	70
PREBLE	COMPLAINTS	7	7	10	4	3
	OUT OF SEASON PERMITS	2	0	0	4	3
	DEER KILLED	10	0	0	27	5
PUTNAM	COMPLAINTS	0	1	0	0	2
	OUT OF SEASON PERMITS	0	0	0	0	2
	DEER KILLED	0	0	0	0	8
RICHLAND	COMPLAINTS	27	30	26	31	28
	OUT OF SEASON PERMITS	15	25	22	24	26
	DEER KILLED	77	68	107	132	122

COUNTY	DATA	YEAR				
		2004	2005	2006	2007	2008
ROSS	COMPLAINTS	48	23	42	25	23
	OUT OF SEASON PERMITS	23	21	18	24	22
	DEER KILLED	131	115	128	183	152
SANDUSKY	COMPLAINTS	10	13	24	5	13
	OUT OF SEASON PERMITS	1	2	7	3	12
	DEER KILLED	0	0	0	6	4
SCIOTO	COMPLAINTS	28	30	44	22	18
	OUT OF SEASON PERMITS	13	18	33	21	17
	DEER KILLED	79	56	88	144	125
SENECA	COMPLAINTS	17	22	32	7	13
	OUT OF SEASON PERMITS	4	7	8	5	12
	DEER KILLED	17	23	16	11	34
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	13	10	11	13	13
	OUT OF SEASON PERMITS	9	9	8	12	12
	DEER KILLED	16	10	34	24	33
SUMMIT	COMPLAINTS	20	19	19	20	25
	OUT OF SEASON PERMITS	17	19	18	17	22
	DEER KILLED	91	87	96	71	80
TRUMBULL	COMPLAINTS	19	12	10	14	17
	OUT OF SEASON PERMITS	11	12	9	14	14
	DEER KILLED	35	46	25	37	39
TUSCARAWAS	COMPLAINTS	45	32	45	49	32
	OUT OF SEASON PERMITS	19	22	24	48	32
	DEER KILLED	95	119	184	389	365
UNION	COMPLAINTS	11	12	6	4	3
	OUT OF SEASON PERMITS	6	8	5	4	3
	DEER KILLED	16	13	10	13	17
VANWERT	COMPLAINTS	4	5	6	2	6
	OUT OF SEASON PERMITS	0	1	0	1	6
	DEER KILLED	0	0	0	0	7
VINTON	COMPLAINTS	4	9	9	5	5
	OUT OF SEASON PERMITS	4	5	5	5	5
	DEER KILLED	31	19	24	27	5
WARREN	COMPLAINTS	29	26	29	15	12
	OUT OF SEASON PERMITS	18	16	21	15	12
	DEER KILLED	60	83	75	58	41
WASHINGTON	COMPLAINTS	71	63	71	56	33
	OUT OF SEASON PERMITS	35	44	43	54	33
	DEER KILLED	112	138	132	185	112
WAYNE	COMPLAINTS	16	20	23	19	23
	OUT OF SEASON PERMITS	6	15	15	18	22
	DEER KILLED	8	31	28	70	106
WILLIAMS	COMPLAINTS	19	31	48	9	17
	OUT OF SEASON PERMITS	3	3	8	8	17
	DEER KILLED	10	9	18	26	74
WOOD	COMPLAINTS	1	4	2	1	2
	OUT OF SEASON PERMITS	1	1	1	1	0
	DEER KILLED	5	4	2	3	0
WYANDOT	COMPLAINTS	7	11	17	4	6
	OUT OF SEASON PERMITS	0	0	0	3	5
	DEER KILLED	0	0	0	0	19
<b>TOTAL COMPLAINTS</b>		2,221	1,903	2,214	1,677	1,732
<b>TOTAL OUT OF SEASON PERMITS</b>		1,100	1,298	1,300	1,591	1,650
<b>TOTAL DEER KILLED</b>		5,337	5,770	6,039	8,723	7,685