Region One
White-tailed Deer Annual Report
Montana Fish, Wildlife & Parks
September 2015

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Introduction

White-tailed deer (*Odocoileus virginianus*) are the most plentiful big game species in Northwest Montana, Region 1 of Montana Fish, Wildlife & Parks (FWP, Figure 1). The temperate rainforest climate, thick conifer forests, and rolling topography provide exceptional habitat for this highly prized ungulate. While Region 1 comprises only about 10 % of the state, the region boasts approximately 20% of the state's annual whitetail harvest. Conserving white-tailed deer populations in Northwest Montana for the enjoyment of all user groups is a mandate of FWP.

This report presents Region 1 harvest and population data for white-tailed deer from 1995 through 2015.

Population Status

Region 1 biologists assess the population status of white-tailed deer in most hunting districts annually via spring road surveys. During green-up, biologists conduct minimum counts of deer along established survey routes to determine numeric population trends and fawn:adult ratios, a measure of population recruitment. These data are then used to help establish harvest regimes for the following fall hunting season.

In spring 2015, emergent grasses were present along survey routes approximately two weeks earlier than average. Therefore, spring ungulate surveys were conducted post green-up, and total counts of deer should not be considered in long-term population trend monitoring. Biologists counted 5,375 white-tailed deer and classified 4,776 of them as adults (3,304) or fawns (1,472) in Region 1 (Figure 2). For all hunting districts surveyed, biologists obtained a large enough sample size to estimate recruitment (fawn:100 adults). Fawn-to-adult ratios ranged from 30 fawns:100 adults in HD 130 to 63 fawns:100 adults in HD 132 (Appendix A). These ratios indicate a high winter survival of fawns and subsequent high level of recruitment into the white-tailed deer population. Indeed, the winter of 2014-2015 was relatively mild with an overall low snow level, conditions that are favorable to fawn survival and recruitment.

The population of white-tailed deer in Region 1 has experienced a cycle of decline and recovery in the last decade. From 2000 to 2007, the average fawn-to-doe ratio was 45 ± 4 fawns:100 adults (Figure 2); however, in 2008, the population experienced a significant decline and the fawn:adult ratio dropped to a low of 24 fawns:100 adults in 2009. Since then, the population has been steadily increasing, and recruitment since 2012 has returned to the predecline level of 45 ± 2 fawns:100 adults.

Harvest Estimate

White-tailed deer populations in Region 1 are managed primarily through annual hunting opportunities. In 2014, the general harvest archery season was from September 5 through October 18, with a bag limit of 1 either-sex white-tailed deer. This season was followed by a general rifle season from October 24 through November 29, with a bag limit of 1 antlered buck,

except for in HD 170 where the bag limit was 1 deer of either sex. Youth (ages 12-15 years) could harvest an either sex deer during this time period, as well. Antlerless B licenses were available by drawing only in hunting districts 101, 102, 109, 110, 120, 121, 122, 124, 132, and 170. A hunter possessing a B license could harvest an antlerless white-tailed deer during the archery or general rifle seasons.

Annual deer harvest is estimated through a statewide phone survey of hunters. This survey is conducted in the spring following the fall hunting season. In 2014, the estimated statewide harvest of white-tailed deer was 41,199 deer, including 28,545 antlered and 12,655 antlerless deer (Table 1, Figure 2). In Region 1, hunters harvested an estimated 10,226 deer (36 % of the state total), which included 8,475 antlered bucks (30% of statewide antlered buck harvest).

The total harvest of white-tailed deer in Region 1 has fluctuated since the late 1990s, in part due to the availability of antlerless B licenses in response to a declining deer population (Table 2). Between 2006 and 2009, the region's white-tailed deer harvest declined significantly (Fig. 2). Most of the decline in total harvest between 2008 and 2009 was due to a reduction in antlerless B licenses from 6,345 to 500. From 2009 to 2011, most hunting districts provided only 25 antlerless licenses per district; however, over-the-counter B licenses for the urban/developed/ agricultural landscape in hunting district 170 were still available, including up to 5 per hunter in 2009, 2 in 2010 and 2011, and 1 in 2012, 2013 and 2014.

Antlered buck harvest, which has been shown to be a reliable index of population size, also declined between 2006 and 2009 (Figure 3). Because there have been no changes in antlered hunting regulations for decades, this decline reflects an actual population reduction. In addition, the low fawn recruitment during this time period mentioned in the previous section further supports the population decline. By 2009, harvest stabilized and increased in 2010 through 2014 (Figure 3).

Annual harvest among hunting districts in Region 1 ranged from 0 to 1,363 in 2014 (Appendix B). This expansive range in harvest is a function of hunting district size, deer density, hunter effort, road accessibility, and location of human population centers. In general, hunting districts on the east side of the region in the Bob Marshall and Great Bear Wildernesses (HDs 141, 150, and 151) support low densities of white-tailed deer and there is no motorized access. In comparison, hunting districts in the Flathead Valley (HDs 170, 132, and part of 120) support the highest deer densities and are characterized by an extensive road system, which allows for considerable hunting access. As a result, HD 170 typically has the highest harvest density, whereas, HD 150 has the lowest harvest density (8.6 and 0.0 deer per sq mile in 2015).

Check Station Data

Check stations are a valuable tool for wildlife biologists. The data collected at check stations provide an estimate of age structure of the harvested population, an important metric in determining population status. Morphometric data collected at check stations can be used to detect changes in the deer population over time. Additional biological information may also be collected at check stations, including samples taken for genetics or disease screening. Because

check stations only reach a portion of hunters and focus solely on harvested individuals, data collected at check stations cannot be used to determine numeric population trends.

There are currently 6 check stations in Region 1, including stations at Highway 2 near Kila, Swan Valley, North Fork of the Flathead, Thompson Falls, Olney, and Canoe Gulch. The number of days check stations have been open during the general hunting season has varied dramatically over the years. During the 2014 fall hunting season, regional check stations were open on weekends only. In 2014, check stations were open for 6 weekends during hunting season. In 2014, biologists in Region 1 collected teeth for cementum aging from bucks over 1.5 years of age; however, for some bucks, teeth could not be collected due to the frozen state of the carcass.

In 2014, FWP staff inspected 1,321 white-tailed deer (including 140 does and 891 bucks) in Region 1. A total of 525 bucks were aged using cementum analysis, and an additional 326 1.5-year-old bucks and 7 buck fawns were aged using tooth eruption patterns (Appendix C). The percentage of older bucks (≥ 5 years) harvested in Region 1 steadily increased between 2002 and 2010 as populations increased and cohorts born following the 1996-97 winter matured (Figure 4). The decrease in the percent of older bucks in the harvest seen during 2011-2014 was due to a combination of factors: 1) a high harvest of older bucks up until 2010, 2) older bucks naturally dying off, 3) relatively low numbers of young bucks coming into the population from 2008 to 2010, and 4) relatively poor hunting conditions during the rut in 2011 and 2012. Barring catastrophic weather events, we anticipate an increase in older bucks in the harvest beginning in 2016 due to high levels of recruitment in 2011-2014.

Conclusions and Recommendations

According to harvest summaries, biologist survey numbers, and check station data, the population of white-tailed deer in Region 1 appears to have been increasing since 2012. These data combined with the positive trend in recruitment suggests that the population may be reaching pre-2008 decline levels. Therefore, most hunting districts in the region should be able to sustain more liberalized harvests, allowing for additional hunting opportunity.

While white-tailed deer are the most sought after big game species in Region 1, concentrated numbers of deer in urban and agricultural areas can result in conflicts with landowners. In 2014, 4 separate game damage hunts were administered in HD 122 to address crop damage. In urban areas, illegal feeding of white-tailed deer by homeowners is prevalent. Such feeding can concentrate deer to residential areas where they are often involved in deer-vehicle collisions, spread diseases, consume prized ornamental plants, and attract large predators, such as mountain lions. In 2014, Region 1 game wardens issued at least 8 verbal warnings, 3 written warnings, and 1 citation for illegal feeding of deer. The department has produced educational materials concerning the conflicts resulting from feeding wildlife, as well as presented this information in public forums. We recommend continuing with education efforts to address both intentional and negligent feeding, as many people are still unaware of the regulation.

Forest practices and human development are the most significant factors affecting deer habitat in northwest Montana. Unfortunately, the impact of timber management, including fuel reduction,

on deer is not well understood. As timber companies sell lands for development, deer habitat, specifically wintering areas, is being altered. More information is needed on these impacts to address changes in the landscape and how those changes might influence deer populations and management.

Table 1. Region 1 white-tailed deer harvest estimated from a statewide hunter survey.

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Antlered	Antlerless	Total	Permits
1995	28,457	246,636	8,900	5,538	14,438	6,304
1996	27,789	241,542	7,610	10,826	18,436	4,850
1997	21,656	183,960	4,554	1,540	6,094	1,081
1998	20,044	171,396	5,940	539	6,479	518
1999	21,305	182,682	6,825	464	7,289	706
2000	20,701	170,533	6,406	459	6,865	799
2001	23,167	175,714	6,720	3,678	10,398	1,793
2002	22,411	179,464	6,648	2,426	9,074	2,919
2003	22,600	181,012	8,272	3,210	11,482	2,639
2004	27,330	210,637	8,867	4,699	13,579	4,063
2005	27,938	226,003	8,986	5,403	14,417	5,252
2006	28,815	252,372	8,986	6,771	15,844	6,940
2007	28,181	245,987	7,910	6,364	14,274	8,160
2008	28,260	267,185	6,435	5,229	11,965	11,177
2009	26,507	238,217	5,879	2,486	8,356	4,777
2010	24,185	220,997	7,428	1,809	9,236	3,464
2011	25,824	238,207	6,833	1,750	8,584	3,776
2012	No Data	No Data	7,319	1,665	8,984	2,809
2013	26,858	237,762	7,790	1,708	9,498	3,343
2014	No Data	No Data	8,475	1,919	10,226	4,340

*Hunter numbers and days consist of both white-tailed and mule deer hunters.

Table 2. White-tailed deer general hunting season type summary for Region 1, 1960-2014.

Years	Season type
1960-1970	6 weeks either-sex
1971-1974	5 weeks either-sex
1976-1986	3 weeks either-sex; 2 weeks antlered-only
1987-1995	2 weeks either-sex; 3 weeks antlered-only; B-tags
1996	1 week either-sex; 3 weeks antlered-only; 1 week either-sex; B-tags
1997	1 week either-sex; 4 weeks antlered-only; 25 B-tags/hunting district
1998-2000	5 weeks antlered only; no B-tags

2001-2003	1 week (8 days) either-sex; 4 weeks antlered-only; limited B-tags
2004-2008	2 weeks either-sex; 2 1/2 weeks antlered-only; 4 days either sex; B-tags
2009	1 week (8 days) either-sex; 4 weeks antlered-only; limited B-tags
2010-2014	5 weeks antlered-only; limited B-tags, season opens on Saturday

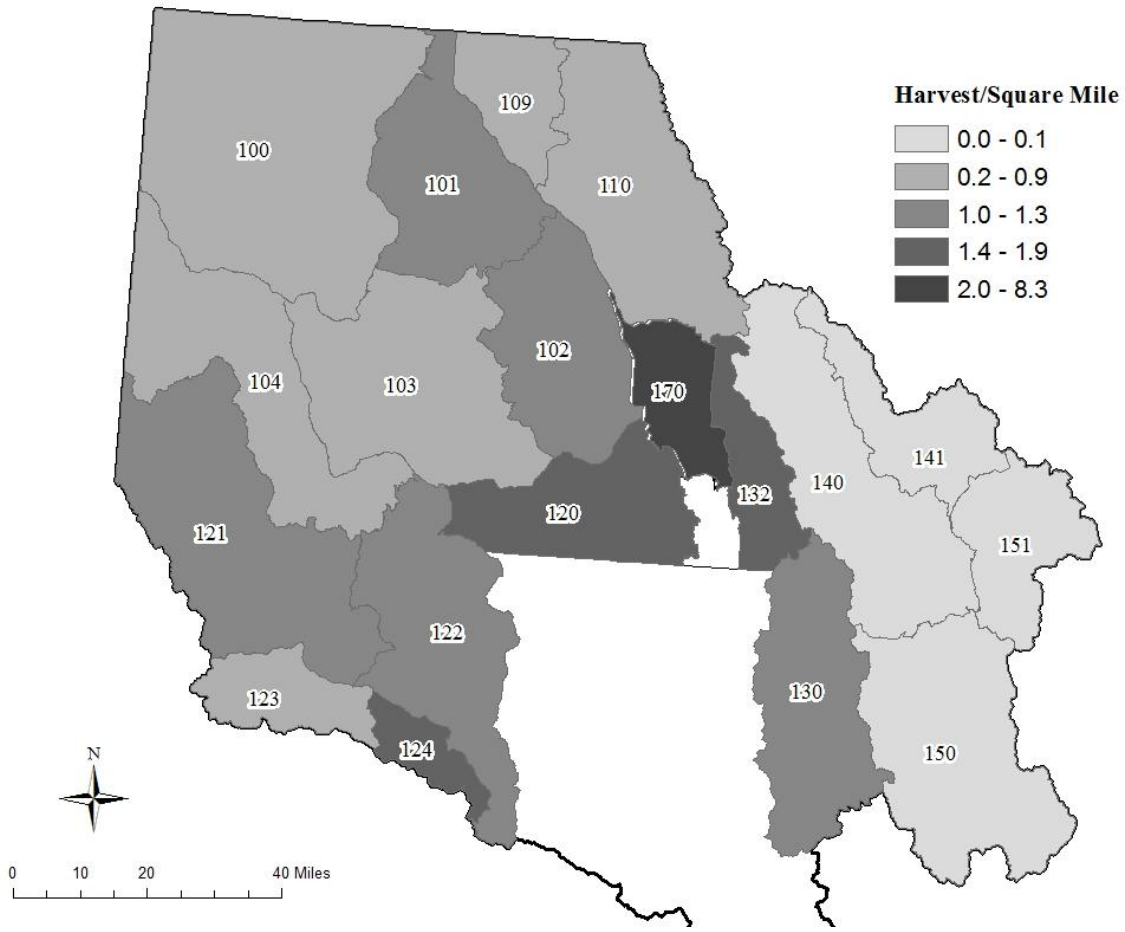

Figure 1. Harvest densities of white-tailed deer by hunting district in Region 1, 2014.

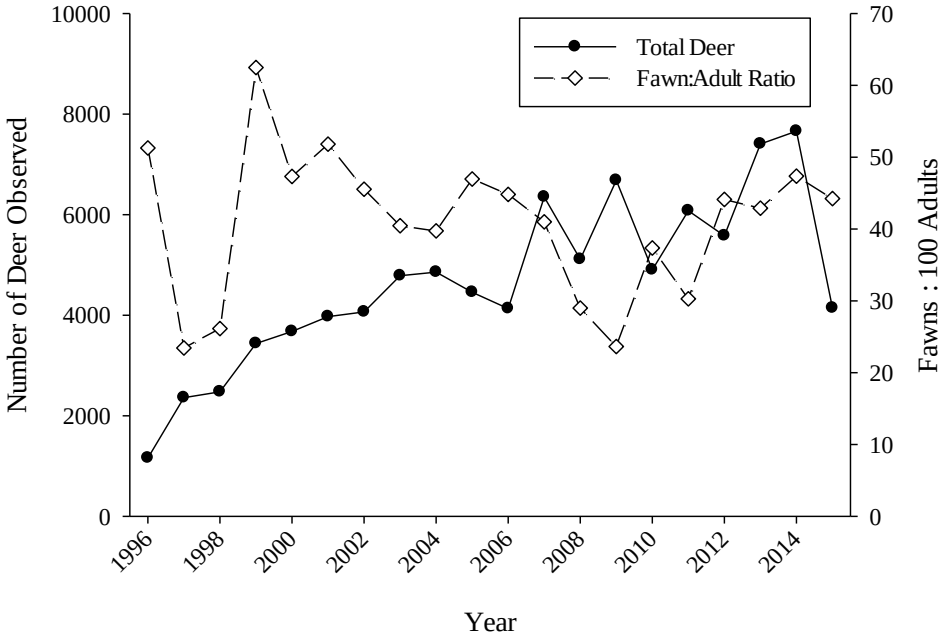

Figure 2. Annual spring survey results for white-tailed deer in Region 1. 2015 total count data should not be included in an overall population trend analysis due to poor survey conditions.

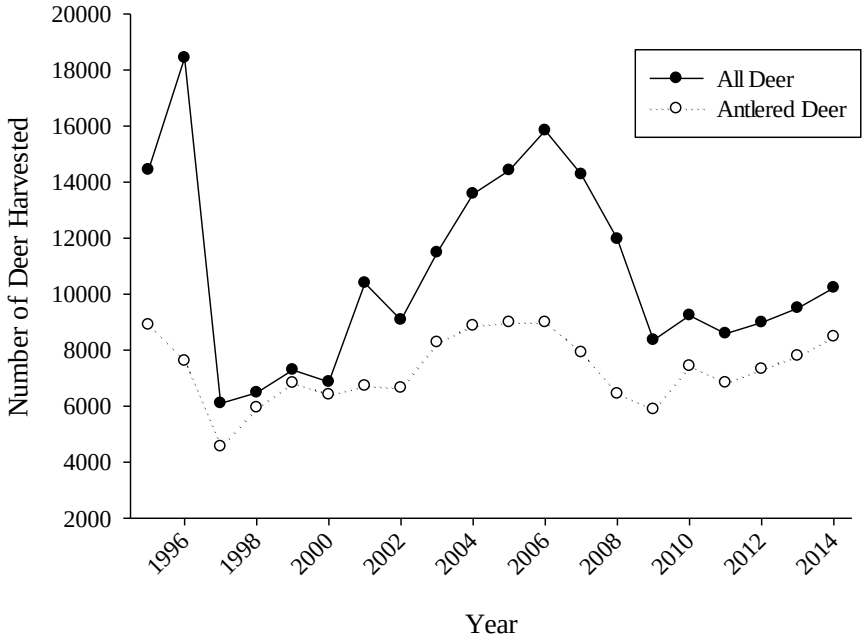

Figure 3. Region 1 white-tailed deer harvest from the statewide hunter harvest survey, 1989-2013.

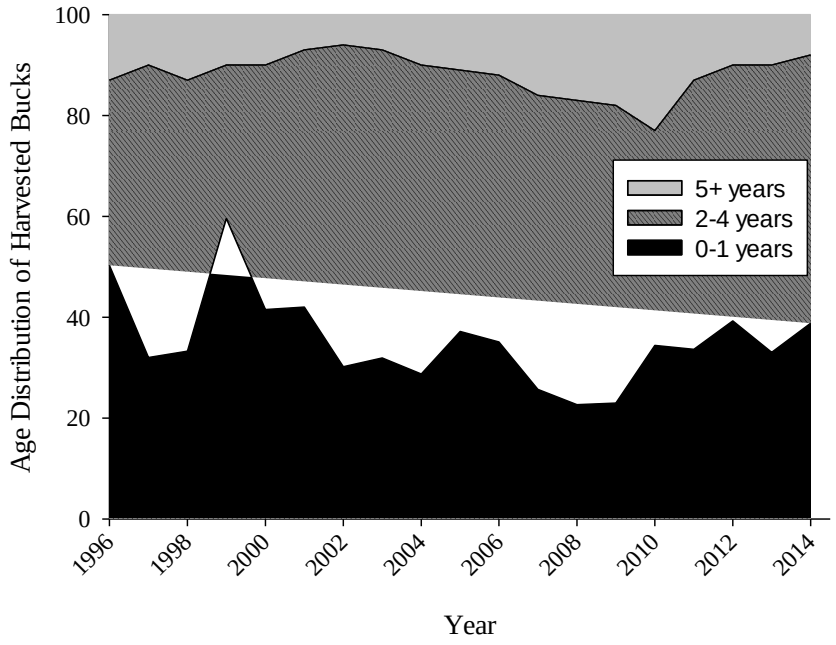

Figure 4. Age distribution of bucks based on cementum analysis inspected at Region 1 check stations (1996-2014).

APPENDIX A

Table A-1. HD 100 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996	254	104	181	539	41
1997	380	63	204	647	17
1998	670	129	92	891	19
1999	444	218	4	666	49
2000	516	227	188	931	44
2001	452	212	0	664	47
2002	607	202	202	1,011	33
2003	603	180	80	863	30
2004	598	188	14	800	31
2005	523	186	0	709	36
2006	507	201	0	708	40
2007	545	153	0	698	28
2008	675	130	0	805	19
2009	556	122	0	678	22
2010					
2011	176	36	4	216	20
2012	300	81	13	394	27
2013	538	175	0	713	33
2014	330	231	48	609	70
2015	399	171	34	604	43

Table A-2. HD 101 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997					
1998	87	38	31	156	44
1999	95	73	2	170	77
2000	63	37	46	146	59
2001	201	125	30	356	62
2002	120	60	0	180	50
2003	94	45	294	433	48
2004	51	26	78	155	51
2005	60	27	76	163	45
2006	37	28	249	314	76
2007	156	68	130	354	44

2008	108	41	81	230	38
2009	231	85	210	526	37
2010	112	61	178	351	54
2011	164	82	39	285	50
2012	189	75	118	382	40
2013	196	95	104	395	48
2014	138	58	58	254	42
2015	163	71	56	290	44

Table A-3. HD 102 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997					
1998					
1999					
2000					
2001	48	26	106	180	54
2002	106	53	0	159	50
2003	164	72	64	300	44
2004	71	23	87	181	32
2005	275	157	121	553	57
2006	76	34	0	110	45
2007	59	27	81	167	46
2008	120	38	5	163	32
2009	58	14	7	79	24
2010	58	27	7	92	47
2011	112	42	0	154	38
2012	39	20	0	59	51
2013	116	57	141	314	49
2014	99	46	22	167	46
2015*					

*No surveys conducted

Table A-4. HD 103 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996	101	37	10	148	37
1997	198	54	224	476	27
1998	195	34	0	229	17
1999	139	68	0	207	49

2000	196	87	28	311	44
2001	143	57	0	200	40
2002	155	47	0	202	30
2003	206	68	0	274	33
2004	216	44	0	260	20
2005	109	45	0	154	41
2006	146	63	0	209	43
2007	200	75	0	275	38
2008	173	41	0	214	24
2009	328	85	0	413	26
2010					
2011	100	23	3	126	23
2012	25	9	3	37	36
2013	286	93	0	379	33
2014	210	150	9	369	71
2015	84	52	9	145	62

Table A-5. HD 104 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996	120	53	40	213	44
1997	246	53	0	299	22
1998					
1999					
2000					
2001	75	36	0	111	48
2002	115	41	0	156	36
2003	246	80	91	417	33
2004	219	75	0	294	34
2005	104	45	0	149	43
2006	308	140	0	448	45
2007	163	66	0	229	40
2008	187	39	0	226	21
2009	308	65	0	373	21
2010					
2011	201	63	2	266	31
2012	146	65	7	218	45
2013	340	124	0	464	36
2014	152	73	9	234	48
2015	324	144	17	485	44

Table A-6. HD 109 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996	39	8	14	61	21
1997	122	20	1	143	16
1998	127	52	181	360	41
1999	136	76	56	268	56
2000	148	79	99	326	53
2001	120	65	149	334	54
2002	128	62	0	190	48
2003	113	54	192	359	48
2004	184	74	74	332	40
2005	160	72	56	288	45
2006	161	77	140	378	48
2007	204	100	61	365	49
2008	167	76	135	378	46
2009	202	76	353	631	38
2010	312	155	267	734	50
2011	267	124	353	744	46
2012	173	88	156	417	51
2013	196	77	84	357	39
2014	277	125	206	608	45
2015	286	141	56	483	49

Table A-7. HD 110 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
2005	68	30	19	117	44
2006*					
2007*					
2008	37	9	0	46	24
2009	65	20	15	100	31
2010	17	11	0	28	65
2011*					
2012	32	17	0	49	53
2013	92	35	14	141	38
2014	45	13	0	58	29
2015	43	15	22	80	35

* No survey conducted.

Table A-8. HD 120 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997	52	26	0	78	50
1998					
1999	38	36	0	74	95
2000	53	35	0	88	66
2001	58	31	14	103	53
2002	87	77	0	164	89
2003	52	41	5	98	79
2004	74	44	9	127	59
2005	162	113	27	302	70
2006	86	61	9	156	71
2007	481	208	69	758	43
2008	163	46	0	209	28
2009	208	42	0	250	20
2010	260	83	0	343	32
2011	271	75	0	346	28
2012	149	73	0	222	49
2013	228	119	0	347	52
2014	363	171	16	550	47
2015	125	74	69	213	59

Table A-9. HD 121 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997	134	30	122	286	22
1998	119	38	33	190	32
1999	334	168	154	656	50
2000	493	202	110	805	41
2001	526	222	192	940	42
2002	486	199	167	852	41
2003	331	140	122	593	42
2004	455	162	382	999	36
2005	205	90	117	412	44
2006	605	239	258	1,102	40
2007	481	138	272	891	29
2008	637	149	150	936	23
2009	658	135	99	892	21

2010	584	224	60	868	38
2011	787	178	76	1,041	23
2012	847	289	55	1,191	34
2013	872	317	50	1,239	36
2014	825	315	113	1,253	38
2015	572	223	109	904	39

Table A-10. HD 122 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997	38	8	0	46	21
1998	42	10	22	74	24
1999	56	30	5	91	54
2000	43	15	8	66	35
2001	33	15	8	56	45
2002	131	52	27	210	40
2003	150	61	21	232	41
2004	58	35	17	110	60
2005	22	10	5	37	45
2006	85	32	17	134	38
2007	58	21	11	90	36
2008	78	18	5	101	23
2009	131	21	8	160	16
2010	63	30	16	109	48
2011*					
2012	128	34	8	170	27
2013	74	24	11	109	32
2014	164	55	17	236	34
2015	50	26	2	78	52

*No survey conducted

Table A-11. HD 123 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997	149	18	41	208	12
1998	84	27	32	143	32
1999	90	48	22	160	53
2000	166	65	9	240	39
2001	100	50	57	207	50

2002	135	54	16	205	40
2003	48	16	22	86	33
2004	125	49	22	196	39
2005	35	14	16	65	40
2006	56	31	17	104	55
2007	104	50	76	230	48
2008	188	66	15	269	35
2009	206	46	7	259	22
2010	163	59	6	228	36
2011	153	53	10	216	35
2012	139	54	16	209	39
2013	93	31	8	132	33
2014	139	48	7	194	35
2015	91	43	7	141	47

Table A-12. HD 124 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997					
1998					
1999	91	51	22	164	56
2000	148	61	16	225	41
2001	73	42	40	155	58
2002	63	19	38	120	30
2003	51	17	33	101	33
2004	65	23	33	121	35
2005	32	15	12	59	47
2006	77	30	13	120	39
2007	64	22	18	104	34
2008	92	39	15	146	42
2009	88	21	3	112	24
2010	69	16	9	94	23
2011	107	32	6	145	30
2012	130	47	19	196	36
2013	142	57	0	199	40
2014	121	47	14	182	39
2015	87	40	24	151	46

Table A-13. HD 130 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1980	66	33	0	99	50
1982	456	144	3	603	32
1998	69	28	18	115	41
1999	220	183	50	453	83
2000	132	84	0	216	64
2001	129	77	28	234	60
2002	102	90	0	192	88
2003	269	127	34	430	47
2004	330	169	60	559	51
2005	407	208	54	669	51
2006					
2007	504	232	27	763	46
2008	669	255	0	924	38
2009	874	174	116	1,164	20
2010	913	234	5	1,152	26
2011	970	274	0	1,244	28
2012	524	265	0	789	51
2013	810	367	16	1,193	45
2014	860	340	69	1,269	40
2015	410	124	53	588	30

Table A-14. HD 132 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1996					
1997					
1998	160	48	14	222	30
1999	193	180	19	392	93
2000	138	87	0	225	63
2001	164	113	25	302	69
2002	156	118	0	274	76
2003	306	134	18	458	44
2004	333	169	30	532	51
2005	367	174	30	571	47
2006					
2007	653	315	68	1,036	48
2008	344	108	13	465	31
2009	410	110	2	522	27

2010	401	181	0	582	45
2011	600	167	19	786	28
2012	351	212	8	571	60
2013	499	289	24	812	58
2014	612	359	8	979	59
2015	327	206	139	672	63

Table A-15. HD 170 white-tailed deer spring classifications

	Adults	Fawns	Unclass	Total	Fawns per 100 Adults
1991	82	89	47	218	109
1995	44	41	102	187	93
1996	71	98	28	197	138
1997	94	59	23	176	63
1998	70	20	5	95	29
1999	57	52	25	134	91
2000	57	40	1	98	70
2001	66	63	0	129	95
2002	66	45	38	149	68
2003	75	61	8	144	81
2004	64	49	80	193	77
2005	73	36	101	210	49
2006	145	90	113	348	62
2007	252	134	8	394	53
2008					
2009	419	105	0	524	25
2010	219	104	0	323	47
2011	365	145	0	510	40
2012	390	243	43	676	62
2013	332	206	74	612	62
2014	448	235	15	698	52
2015	343	142	56	541	41

APPENDIX B

Table B-1. Hunting District 100 white-tailed deer harvest data estimated from a statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	4,744	30,975	1,967	1,143	824	987
1996	4,872	32,518	2,818	966	1,852	300
1997	3,331	22,333	698	601	97	25
1998	3,115	21,087	864	852	12	0
1999	3,957	19,825	798	797	1	0
2000	2,708	18,087	641	638	3	0
2001	2,934	17,826	1,001	735	266	0
2002	2,815	17,652	695	560	135	0
2003	2,790	19,618	956	727	229	0
2004	3,496	23,521	1,464	896	363	200
2005	3,178	23,840	1,357	935	422	200
2006	4,116	31,050	1,815	1,026	787	499
2007	3,490	24,865	1,361	808	553	600
2008	3,674	31,114	1,442	746	696	918
2009	3,477	26,320	954	750	204	25
2010	3,190	24,536	1,091	979	113	25
2011	3,082	24,830	833	737	96	25
2012	No Data	No Data	822	755	67	0
2013	3,335	27,599	977	906	71	0
2014	1,760	15,612	945	883	62	0

Table B-2. Hunting District 101 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	3,342	19,435	909	720	189	0
1996	3,378	20,944	1,254	132	522	0
1997	2,841	17,799	525	423	102	0
1998	2,509	15,606	527	521	6	0
1999	2,783	16,239	663	651	12	0
2000	2,120	13,019	463	460	3	0
2001	2,542	16,034	968	677	291	100
2002	2,720	16,993	991	705	286	150
2003	2,472	15,968	1,140	828	312	150
2004	3,007	19,204	1,177	764	413	200

2005	2,996	21,868	1,412	850	557	400
2006	3,256	24,570	1,579	844	732	599
2007	2,950	21,434	1,438	706	732	835
2008	3,674	31,114	1,103	565	539	784
2009	2,716	20,208	687	512	175	25
2010	2,418	21,044	755	681	74	25
2011	3,001	24,152	839	740	99	25
2012	No Data	No Data	838	790	48	0
2013	2,842	21,391	960	989	62	0
2014	1,459	13,062	1,085	980	105	50

*Hunter stats combine both white-tailed and mule deer hunters

Table B-3. Hunting District 102 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	4,257	23,688	1,648	945	703	939
1996	3,825	20,624	1,548	699	849	800
1997	3,245	16,071	724	584	140	25
1998	2,906	16,519	680	677	3	0
1999	3,450	19,856	852	848	4	0
2000	3,337	19,172	847	834	13	0
2001	3,423	17,674	1,167	853	314	0
2002	3,373	18,103	1,036	791	245	150
2003	3,559	20,233	1,420	1,043	377	150
2004	3,826	19,928	1,596	1,094	502	199
2005	3,631	20,050	1,461	865	594	400
2006	3,880	24,334	1,562	922	640	500
2007	3,660	23,576	1,306	745	562	500
2008[a]	3,451	22,766	936	543	393	500
2009	3,152	19,557	596	437	169	25
2010	2,719	17,536	690	623	67	25
2011	3,112	20,438	722	593	129	25
2012	No Data	No Data	631	570	62	0
2013	3,209	20,289	759	717	42	0
2014	1,140	7,979	808	719	89	100

*Hunter stats combine both white-tailed and mule deer hunters
[a]In 2008 HD102 was reduced in size from 620 mi^2 to 559 mi^2 because HD 170 was enlarged.

Table B-4. Hunting District 103 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	4,964	27,878	1,606	941	665	595
1996	4,921	27,745	2,291	955	1,336	100
1997	3,649	20,261	561	403	158	25
1998	3,260	19,970	588	573	15	0
1999	3,638	21,352	745	738	7	0
2000	3,287	20,444	694	691	3	0
2001	3,694	20,943	1,101	707	394	0
2002	3,089	19,078	723	569	154	0
2003	2,667	15,824	827	679	148	0
2004	3,950	23,098	1,227	779	448	196
2005	3,701	25,304	1,228	804	423	200
2006	3,690	25,834	1,318	766	538	400
2007	3,424	26,275	1,125	613	512	500
2008	3,397	24,488	829	474	355	500
2009	2,980	22,716	536	427	169	25
2010	2,738	19,912	648	545	103	25
2011	2,852	20,163	571	494	77	25
2012	No Data	No Data	550	517	34	0
2013	2,731	20,750	559	517	42	0
2014	1,892	14,191	742	684	59	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-5. Hunting District 104 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	2,467	16,553	919	527	392	400
1996	2,225	14,158	730	384	346	100
1997	1,649	11,203	264	219	45	25
1998	1,973	12,888	434	425	9	0
1999	1,670	11,345	341	338	3	0
2000	1,795	12,272	352	352	0	0
2001	1,879	11,436	508	331	177	0
2002	1,942	12,324	554	436	118	0
2003	1,652	11,574	611	478	133	0
2004	2,256	14,794	764	474	290	200
2005	2,124	2,031	802	463	339	200
2006	2,210	16,705	985	561	421	400
2007	2,340	19,108	945	512	433	500

2008	2,279	18,789	716	437	279	585
2009	1,950	14,822	397	298	98	25
2010	1,708	13,044	423	361	62	25
2011	1,988	12,187	518	452	66	25
2012	No Data	No Data	388	355	34	0
2013	1,840	14,343	448	417	31	0
2014	1,197	10,577	422	391	31	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-6. Hunting District 109 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995						
1996						
1997						
1998						
1999						
2000						
2001						
2002	400	2,002	139	98	41	0
2003	433	2,342	173	122	51	0
2004	616	3,742	226	137	89	50
2005	644	6,523	267	168	98	150
2006	583	3,741	430	179	244	298
2007	708	5,062	465	190	275	400
2008	641	5,383	354	152	203	400
2009	669	4,502	152	98	53	25
2010	547	3,546	164	141	24	25
2011	623	5,166	135	115	20	25
2012	No Data	No Data	161	134	27	0
2013	505	3,634	154	137	17	0
2014	311	2,924	240	208	32	9

*Hunter stats combine both white-tailed and mule deer hunters

HD 109 created from portion of HD 101 in 2002

Table B-7. Hunting District 110 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	1,752	9,711	415	323	92	0
1996	1,605	8,019	497	302	195	0
1997	1,632	9,322	250	217	33	0
1998	1,367	7,725	220	220	0	0
1999	1,223	6,768	247	244	3	0
2000	1,250	6,996	219	214	5	0
2001	1,647	8,413	569	444	125	0
2002	1,386	8,166	367	312	55	0
2003	1,543	8,458	490	383	107	0
2004	2,241	11,188	755	595	160	0
2005	2,242	12,810	754	585	169	0
2006	2,351	16,256	829	550	275	50
2007	2,051	13,816	555	431	124	50
2008	2,278	14,796	531	387	144	50
2009	2,143	14,847	457	364	93	25
2010	1,838	12,409	415	355	60	25
2011	1,877	13,234	319	298	21	25
2012	No Data	No Data	391	363	28	0
2013	1,926	12,732	367	336	31	0
2014	844	6,069	449	395	54	100

Table B-8. Hunting District 120 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	2,542	13,462	774	567	207	0
1996	2,212	10,859	758	411	347	100
1997	2,230	12,051	512	394	118	25
1998	2,135	11,806	478	475	3	0
1999	2,254	12,439	535	526	9	0
2000	2,083	11,099	548	545	3	0
2001	2,566	13,115	958	565	393	50
2002	2,372	12,583	772	568	204	50
2003	2,283	12,106	843	632	211	50
2004	2,533	12,888	1,020	644	377	200
2005	2,914	16,017	1,299	820	471	299
2006	2,824	1,255	1,159	689	462	299

2007	3,024	18,279	1,188	632	556	503
2008	2,593	17,459	843	463	380	500
2009	2,340	13,981	528	386	142	25
2010	1,972	11,938	564	516	47	25
2011	2,391	14,174	545	491	54	25
2012	No Data	No Data	598	534	64	0
2013	2,589	16,491	642	590	52	0
2014	1,055	8,065	831	718	113	100

*Hunter stats combine both white-tailed and mule deer hunters

Table B-9. Hunting District 121 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	4,310	33,212	1,939	1,164	775	1,191
1996	3,541	25,725	2,110	1,021	1,089	1,200
1997	2,362	17,773	629	514	115	200
1998	1,843	13,945	513	507	6	0
1999	2,168	15,021	687	682	5	0
2000	2,388	17,209	808	773	35	69
2001	2,684	18,972	1,062	759	303	300
2002	2,675	20,550	992	743	249	300
2003	2,517	19,777	1,233	850	383	300
2004	3,094	22,535	1,367	968	393	300
2005	3,412	26,980	1,514	1,009	503	399
2006	3,086	25,810	1,631	970	650	598
2007	3,767	29,346	1,702	1,046	655	800
2008	3,587	29,661	1,276	705	571	804
2009	3,070	26,583	927	903	741	163
2010	3,038	27,012	1,042	936	107	100
2011	3,463	28,587	953	834	120	100
2012	No Data	No Data	1,083	939	144	100
2013	3,222	26,537	1,051	854	197	300
2014	2,585	23,636	1,141	972	169	300

*Hunter stats combine both white-tailed and mule deer hunters

Table B-10. Hunting District 122 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	3,077	17,759	826	586	240	200
1996	3,359	19,070	1,205	604	601	200
1997	2,826	16,144	364	290	74	25
1998	2,366	14,527	412	400	12	0
1999	2,573	15,678	542	535	7	0
2000	2,360	14,673	467	455	12	0
2001	2,513	14,190	672	455	217	50
2002	2,231	13,895	519	413	106	50
2003	2,242	14,351	730	573	157	50
2004	2,359	14,172	642	472	170	50
2005	2,372	14,109	747	536	212	50
2006	2,196	16,137	631	425	193	50
2007	2,186	15,417	617	445	172	50
2008	2,294	15,658	406	306	100	50
2009	2,214	15,364	479	381	98	25
2010	1,781	12,338	417	385	32	25
2011	2,266	16,240	467	399	68	25
2012	No Data	No Data	526	463	63	0
2013	2,199	15,012	525	491	34	0
2014	1,511	11,811	712	496	215	200

*Hunter stats combine both white-tailed and mule deer hunters

Small portion of HD 122 used to create HD 104 in 1990

Table B-11. Hunting District 123 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	952	9,276	271	200	71	100
1996	809	5,131	270	166	104	100
1997	577	4,024	106	86	20	25
1998	565	3,580	132	132	0	0
1999	600	3,771	144	144	0	0
2000	522	3,418	136	136	0	0
2001	619	3,813	178	114	64	50
2002	522	2,999	104	64	40	50
2003	525	3,707	145	97	48	50
2004	743	4,625	200	141	57	50

2005	746	4,879	232	163	67	50
2006	833	5,950	304	195	109	50
2007	747	6,041	245	145	100	100
2008	726	5,608	160	92	67	100
2009	828	6,897	142	120	22	25
2010	699	5,407	178	150	27	25
2011	751	5,852	139	123	16	25
2012	No Data	No Data	171	154	17	0
2013	646	4,679	124	121	3	0
2014	617	4,543	164	159	6	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-12. Hunting District 124 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	622	4,688	228	111	117	200
1996	552	4,085	223	134	89	100
1997	443	2,878	122	96	26	25
1998	361	2,684	98	98	0	0
1999	409	2,933	91	90	1	0
2000	361	2,600	116	116	0	0
2001	529	4,213	263	155	108	100
2002	395	3,504	183	112	71	100
2003	444	3,647	212	135	77	100
2004	588	3,968	250	188	62	100
2005	436	2,815	182	85	96	100
2006	470	3,422	249	130	115	200
2007	619	4,266	247	125	123	200
2008	716	5,090	185	90	95	204
2009	565	4,434	188	125	63	100
2010	663	5,539	201	152	49	100
2011	636	4,039	189	129	60	100
2012	No Data	No Data	222	141	81	100
2013	736	4,729	264	141	123	300
2014			248	147	100	200

*Hunter stats combine both white-tailed and mule deer hunters

Table B-13. Hunting District 130 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	3,412	19,609	1,572	942	630	600
1996	3,314	17,057	1,829	793	1,036	750
1997	2,170	10,446	401	315	86	25
1998	1,987	10,877	632	629	3	0
1999	2,301	12,536	599	596	3	0
2000	1,922	10,391	549	544	5	0
2001	1,987	9,983	708	507	201	50
2002	2,116	10,832	783	589	194	50
2003	2,405	11,894	1,059	869	191	50
2004	2,698	13,386	1,025	688	336	300
2005	2,770	14,845	1,347	855	490	500
2006	2,838	16,158	1,448	881	560	500
2007	2,512	15,419	1,228	714	514	651
2008	2,670	17,241	1,012	587	426	650
2009	2,574	15,462	649	516	133	25
2010	2,467	15,099	784	686	99	25
2011	2,545	14,701	602	556	47	25
2012	No Data	No Data	697	653	45	0
2013	2,749	17,021	736	666	71	0
2014	1,136	7,801	673	593	80	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-14. Hunting District 132 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	1,696	9,376	840	511	329	400
1996	3,057	16,915	1827	445	1,382	400
1997	1,102	6,425	291	247	44	25
1998	867	4,869	312	309	3	0
1999	1,083	7,136	367	359	8	0
2000	940	5,575	299	299	0	0
2001	1,205	7,474	575	396	179	200
2002	1,462	9,509	731	396	335	200
2003	1,332	8,402	739	423	316	200
2004	1,704	9,232	998	269	426	300
2005	1,285	7,855	813	408	406	300

2006	678	4,458	745	381	364	300
2007	1,393	8,053	703	394	309	300
2008	1,413	8,723	458	286	172	300
2009	1,257	7,306	448	313	135	25
2010	1,245	7,970	447	347	100	25
2011	1,460	9,286	487	349	139	25
2012	No Data	No Data	470	327	144	0
2013	1,465	8,377	455	339	116	0
2014	463	3,284	414	314	100	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-15. Hunting District 140 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	862	4,301	97	71	26	0
1996	807	5,083	79	50	29	0
1997	782	4,042	42	28	14	0
1998	572	2,492	42	42	0	0
1999	631	3,055	56	56	0	0
2000	604	3,022	52	47	5	0
2001	507	2,425	72	58	14	0
2002	429	2,710	57	49	8	0
2003	669	3,695	135	118	17	0
2004	837	4,425	154	115	39	0
2005	628	3,520	122	75	47	0
2006	678	4,458	128	98	27	0
2007	739	5,084	111	87	24	0
2008	935	6,676	131	116	15	0
2009	933	6,647	98	74	24	0
2010	693	4,711	124	107	17	0
2011	782	5,462	78	59	20	0
2012	No Data	No Data	89	84	6	0
2013	641	4,135	88	85	3	0
2014	652	3,908	110	104	6	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-16. Hunting District 141 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	181	1,205	8	4	4	0
1996	219	1,318	25	22	3	0
1997	219	1,511	6	6	0	0
1998	187	1,301	15	15	0	0
1999	161	872	6	6	0	0
2000	142	880	9	9	0	0
2001	152	846	39	28	11	0
2002	178	1,044	20	17	3	0
2003	164	807	20	17	3	0
2004	172	1,283	12	10	2	0
2005	195	1,311	26	19	7	0
2006	117	1,453	19	19	0	0
2007	178	1,329	10	5	5	0
2008	171	1,422	18	15	3	0
2009	146	1,099	3	3	0	0
2010	141	788	12	6	6	0
2011	123	765	11	11	0	0
2012	No Data	No Data	3	3	0	0
2013	125	809	11	11	0	0
2014	175	1,318	9	9	0	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-17. Hunting District 150 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	428	2,780	23	19	4	0
1996	282	2,020	21	14	7	0
1997	286	1,896	3	0	3	0
1998	263	1,819	14	14	0	0
1999	249	1,901	3	3	0	0
2000	305	2,084	16	16	0	0
2001	266	1,820	11	11	0	0
2002	221	1,513	3	3	0	0
2003	235	1,457	22	19	3	0
2004	270	1,860	19	15	4	0

2005	506	3,582	54	52	2	0
2006	162	1,288	56	41	15	0
2007	387	2,513	36	31	5	0
2008	361	2,517	35	23	12	0
2009	272	1,854	11	11	0	0
2010	295	2,292	28	28	0	0
2011	271	1,768	20	18	3	0
2012	No Data	No Data	42	42	0	0
2013	440	3,083	42	36	6	0
2014	377	2,731	19.7	19.7	0	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-18. Hunting District 151 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	97	579	0	0	0	0
1996	112	691	0	0	0	0
1997	74	424	0	0	0	0
1998	67	410	0	0	0	0
1999	62	416	0	0	0	0
2000	78	452	0	0	0	0
2001	76	467	3	3	0	0
2002	75	475	0	0	0	0
2003	45	246	0	0	0	0
2004	91	579	0	0	0	0
2005	42	282	0	0	0	0
2006	32	122	0	0	0	0
2007	35	219	6	6	0	0
2008	95	738	12	9	3	0
2009	90	590	3	3	0	0
2010	88	676	8	8	0	0
2011	56	359	8	8	0	0
2012	No Data	No Data	0	0	0	0
2013	55	346	3	3	0	0
2014	75	540	0	0	0	0

*Hunter stats combine both white-tailed and mule deer hunters

Table B-19. Hunting District 170 white-tailed deer harvest from statewide hunter survey

	Hunters (MD & WTD)*		WTD Harvest			
Year	Number	Days	Total	Antlered	Antlerless	Permits
1995	588	3,584	405	115	290	692
1996	666	3,157	543	120	423	700
1997	668	3,414	347	188	159	631
1998	686	4,115	318	167	151	518
1999	808	4,655	416	205	211	706
2000	851	4,586	462	223	239	730
2001	857	4,583	454	152	302	893
2002	626	4,002	379	190	189	1,819
2003	1,021	5,817	625	230	395	1,539
2004	866	4,603	616	260	356	1,718
2005	974	5,619	771	286	483	2,004
2006	1,313	7,377	849	256	585	2,197
2007	1,125	6,330	960	256	703	2,171
2008[a]	2,023	13,943	1,496	429	1,067	4,832
2009	2,196	13,784	1,120	338	782	4,214
2010	2,039	14,841	1,207	402	804	2,964
2011	1,927	12,507	1,097	384	713	3,276
2012	No Data	No Data	1,269	468	801	2,609
2013	2,288	15,433	1,315	514	801	2,743
2014	200	1,618	1,363	665	698	2,836

*Hunter stats combine both white-tailed and mule deer hunters

[a]The size of HD 170 increased from 159 mi^2 to 248 mi^2 in 2008.

Appendix C

Table C-1. White-tailed deer buck age distribution (number ***percent***) at Region 1 check stations, 1987-2014

	Fawn		1.5*		2.5		3.5		4.5		5.5		6.5		7.5		8.5		9.5		10.5		11.5		12.5+		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	aged	Total
1987	31	***10***	146	***48***	87	***29***	17	***6***	11	***4***	6	***2***	2	***1***	2	***1***	1	***0***	0	***0***	1	***0***	1	***0***	0	***0***	305	392
1988	63	***13***	258	***55***	103	***22***	18	***4***	11	***2***	11	***2***	4	***1***	1	***0***	2	***0***	0	***0***	0	***0***	0	***0***	0	***0***	471	562
1989	58	***10***	293	***48***	168	***28***	39	***6***	19	***3***	12	***2***	8	***1***	4	***1***	3	***0***	1	***0***	3	***0***	0	***0***	0	***0***	608	785
1990	85	***11***	362	***46***	206	***26***	57	***7***	33	***4***	16	***2***	11	***1***	8	***1***	1	***0***	5	***1***	1	***0***	1	***0***	2	***0***	788	957
1991	105	***13***	360	***45***	189	***24***	57	***7***	49	***6***	17	***2***	9	***1***	12	***1***	3	***0***	1	***0***	1	***0***	0	***0***	0	***0***	803	1,027
1992	96	***12***	325	***39***	246	***30***	56	***7***	42	***5***	32	***4***	11	***1***	7	***1***	5	***1***	2	***0***	2	***0***	1	***0***	0	***0***	825	1,036
1993	68	***11***	247	***40***	188	***31***	47	***8***	25	***4***	17	***3***	13	***2***	3	***0***	4	***1***	1	***0***	1	***0***	0	***0***	0	***0***	614	809
1994	88	***12***	359	***49***	179	***24***	43	***6***	26	***4***	18	***2***	10	***1***	11	***1***	3	***0***	1	***0***	1	***0***	0	***0***	0	***0***	739	1,080
1995	58	***8***	252	***35***	187	***26***	86	***12***	55	***8***	36	***5***	17	***2***	15	***2***	9	***1***	7	***1***	3	***0***	0	***0***	1	***0***	726	803
1996	201	***19***	340	***32***	236	***22***	107	***10***	56	***5***	45	***4***	40	***4***	16	***1***	24	***2***	8	***1***	2	***0***	0	***0***	0	***0***	1,075	1,180
1997	21	***3***	172	***29***	170	***28***	133	***22***	45	***7***	18	***3***	19	***3***	17	***3***	5	***1***	2	***0***	1	***0***	0	***0***	0	***0***	603	638
1998	3	***0***	292	***33***	236	***27***	141	***16***	104	***12***	40	***5***	27	***3***	22	***2***	15	***2***	5	***1***	1	***0***	1	***0***	0	***0***	887	936
1999	1	***0***	575	***59***	152	***16***	78	***8***	60	***6***	47	***5***	24	***2***	11	***1***	6	***1***	8	***1***	1	***0***	1	***0***	3	***0***	967	996
2000	4	***0***	387	***41***	370	***39***	52	***6***	34	***4***	27	***3***	27	***3***	17	***2***	6	***1***	7	***1***	2	***0***	5	***1***	3	***0***	941	967
2001	70	***7***	374	***35***	342	***32***	158	***15***	34	***3***	23	***2***	14	***1***	21	***2***	11	***1***	6	***1***	3	***0***	0	***0***	0	***0***	1,056	1,101
2002	42	***4***	260	***26***	357	***36***	190	***19***	90	***9***	19	***2***	14	***1***	7	***1***	11	***1***	7	***1***	1	***0***	2	***0***	0	***0***	1,000	1,041
2003	57	***5***	327	***27***	355	***30***	257	***21***	106	***9***	55	***5***	14	***1***	10	***1***	7	***1***	5	***0***	5	***0***	2	***0***	3	***0***	1,203	1,331
2004	70	***6***	241	***22***	353	***33***	190	***18***	121	***11***	57	***5***	31	***3***	7	***1***	4	***0***	1	***0***	4	***0***	1	***0***	1	***0***	1,081	1,173
2005	98	***8***	339	***29***	298	***25***	215	***18***	100	***9***	61	***5***	37	***3***	16	***1***	2	***0***	3	***0***	3	***0***	0	***0***	2	***0***	1,174	1,211
2006	85	***8***	297	***27***	284	***26***	186	***17***	110	***10***	57	***5***	39	***4***	19	***2***	7	***1***	2	***0***	1	***0***	0	***0***	0	***0***	1,087	1,156
2007	73	***7***	200	***19***	337	***32***	172	***16***	106	***10***	74	***7***	46	***4***	28	***3***	12	***1***	9	***1***	3	***0***	2	***0***	0	***0***	1,062	1,139
2008	56	***6***	154	***17***	212	***23***	222	***24***	121	***13***	78	***8***	39	***4***	20	***2***	16	***2***	5	***1***	2	***0***	1	***0***	0	***0***	926	940
2009	31	***4***	153	***19***	174	***22***	158	***20***	138	***17***	73	***9***	34	***4***	22	***3***	10	***1***	3	***0***	4	***1***	0	***0***	0	***0***	800	827
2010	16	***2***	277	***33***	135	***16***	125	***15***	106	***12***	89	***10***	46	***5***	33	***4***	12	***1***	8	***1***	1	***0***	3	***0***	0	***0***	851	926
2011	12	***2***	225	***32***	243	***35***	78	***11***	49	***7***	38	***5***	32	***5***	11	***2***	8	***1***	4	***1***	2	***0***	1	***0***	1	***0***	704	772
2012	13	***2***	303	***38***	246	***31***	123	***15***	38	***5***	29	***4***	18	***2***	20	***2***	7	***1***	3	***0***	3	***0***	0	***0***	1	***0***	804	846
2013	9	***1***	299	***32***	310	***33***	142	***15***	80	***9***	36	***4***	16	***2***	15	***2***	15	***2***	5	***1***	2	***0***	2	***0***	1	***0***	932	994
2014	7	1	326	38	279	33	115	13	64	7	25	3	10	1	9	1	10	1	6	1	4	0	1	0	1	0	857	981

*Deer older than 1.5 were aged by cementum analysis