BLACK ROCK FOREST
2014 DEER HARVEST REPORT

THE SEASON

November 15 to December 7

The harvest produced 25 kills.

Bow Season --	0 Deer	0 Buck	0 Antlerless
Rifle Season –	24 Deer	14 Bucks	10 Antlerless
Muzzleloader season --	1 Deer	0 Bucks	1 Antlerless

SEASON HUNTING PRESSURE AND SUCCESS RATE

YEAR	HUNTERS	HUNTER VISITS	PERMITS (VEHICLES)	TOTAL TAKE	SUCCESS RATE BUCKS Legal 3"+	SUCCESS RATE TOTAL Bucks and Antlerless
2014	118	358	208	25	12%	21%
2013	172	497	347	33	13%	19%
2012	130	393	279	30	15%	23%
2011	154	449	311	48	14%	31%
2010	185	564	400	61	15%	33%

PERMITS AND LICENSES FILLED

Type	Number Harvested
Big Game	
Rifle	14
Bow	0
Muzzleloader	1
Deer Management Unit Permit	0
Deer Management Assistance Program	10
	25

ZONE	ACRES	HUNTER VISITS	BUCKS	DOES
I	450	77	2	2
II	520	57	2	2
III	450	26	4	2
IV	460	48	2	2
V	400	38	3	1
VI	500	29	0	0
VII	150	19	0	0
VIII	330	36	1	1
MINERAL SPRINGS	120	11	0	1
SANCTUARY	220	7	0	0
STATE LAND		10	0	0
TOTAL	3600	358	14	11

YEARLING MALES

YEAR	TOTAL YEARLINGS	ANTLER CLASS									BEAM	WEIGHT
		SPK	3	4	5	6	7	8	sub legal	UK	(mm)	(lbs)
2014	5	2	1	----	----	----	----	----	2	----	14	90
2013	7	3	----	2	----	----	----	----	2	----	14.4	86
2012	4	----	2	----	----	----	----	----	2	----	16.5	77
2011	12	2	1	3	2	2	----	----	1	1	16	88
2010	14	2	2	4	3	----	1	----	2	----	16.6	93
2009	6	2	----	2	1	----	----	----	1	----	14.4	88

2 ½ YEAR OLD MALES

YEAR	TOTAL 2 1/2	ANTLER CLASS										BEAM	WEIGHT
		SPK	3	4	5	6	7	8	9	10	UK	(mm)	(lbs)
2014	6	----	----	2	1	2	----	1	----	----	----	23	114
2013	7	----	----	2	1	3	1	----	----	----	----	21.6	101
2012	11	----	1	2	2	2	----	1	1	----	----	20.5	108
2011	7	----	----	----	1	----	1	4	----	1	----	24.6	116
2010	8	1	----	1	1	----	2	2	1	----	----	21.7	103
2009	4	----	----	----	----	1	2	1	----	----	----	26	119

3 ½ + 4 ½ YEAR OLD MALES

YEAR	TOTAL 3 1/2 - 4 1/2	ANTLER CLASS										BEAM	WEIGHT
		SPK	3	4	5	6	7	8	9	10	UK	(mm)	(lbs)
2014	3	----	----	----	----	1	1	1	----	----	----	26	112
2013	5	----	----	----	1	2	----	1	1	----	----	26	123
2012	3	----	----	----	----	----	----	1	1	1	----	28.3	123
2011	5	----	----	----	----	----	----	4	----	----	1	26.2	120
2010	4	----	----	----	----	----	2	2	----	----	----	29.2	132

ANTLERLESS

ANTERLESS															
		MALES		FEMALES											
AGE CLASS	Total	BB	SUB LEGAL	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	10.5	Unknown	% 3.5+
Number Harvested	13	0	2	2	0	3	4	1	1	0	0	0	0	0	46%
Avg. Dressed Weight			92	43		90	99	92	82						

Fawn and yearling measurements continue to show slow development. Also confirmed by the C-O-H and West Point deer. Possible range degradation from decades of understory browsing and closed canopies of over mature trees has limited available food. This condition of poor forest health is presently changing. Canopy breakdown caused by ice, snow, drought, disease and age has allowed light penetration to the forest floor. Healthy regeneration of forest trees and shrubs are increasingly abundant. The low deer densities of the previous three years has helped with the establishment of younger forests and will provide the ground work of deer herd recovery.

POPULATION TREND

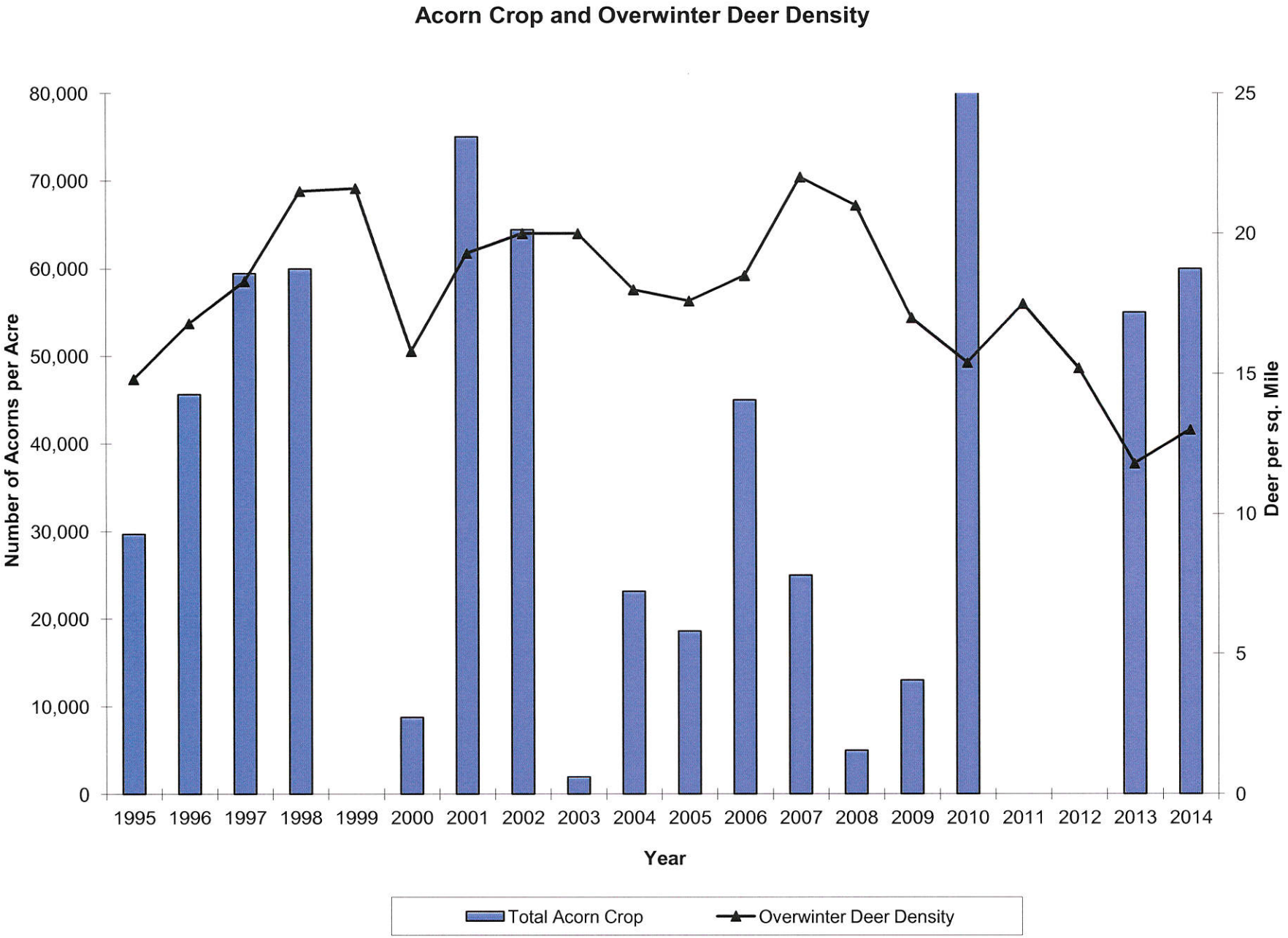


POPULATION RECONSTRUCTION BY AGE CLASS FOR DEER KNOWN TO HAVE BEEN HARVESTED

YEAR OF BIRTH

	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		MIN POP KNOWN		TOTAL	AGE AS OF FALL 2014 (yrs.)
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
2003	3	1	11	2	7	2	5	1	2	1	0	3	0	1	0	0	0	0	0	0	0	0			28	11	39	11.5
2004			3	2	5	0	7	7	4	4	2	2	0	3	0	1	0	0	0	0	0	0			21	19	40	10.5
2005					3	5	15	4	11	8	4	7	0	4	0	1	0	1	0	1	0	0			33	31	64	9.5
2006							5	2	13	2	7	8	4	4	1	4	1	2	0	1	0	0			31	23	54	8.5
2007									2	5	17	7	6	11	3	6	1	1	0	0	0	0			29	30	59	7.5
2008											4	10	6	7	8	5	3	3	1	2	0	1			22	28	50	6.5
2009													4	4	14	2	7	6	2	2	1	0	0	1	28	15	43	5.5
2010															4	10	12	6	11	1	4	4	1	1	32	22	54	4.5
2011																	2	6	4	0	7	2	2	4	15	12	27	3.5
2012																			1	4	7	1	6	3	14	8	22	2.5
2013																					3	3	5	0	8	3	11	1.5
2014																							0	2	0	2		FAWN
							TOTAL																		261	204	465	

*The data represents the population compositon each year at the time fawns were born.


Acorn Crop and Overwinter Deer Density
Number of Acorns per Acre
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Deer per sq. Mile
25
20
15
10
5
0
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014
Year
Total Acorn Crop
Overwinter Deer Density

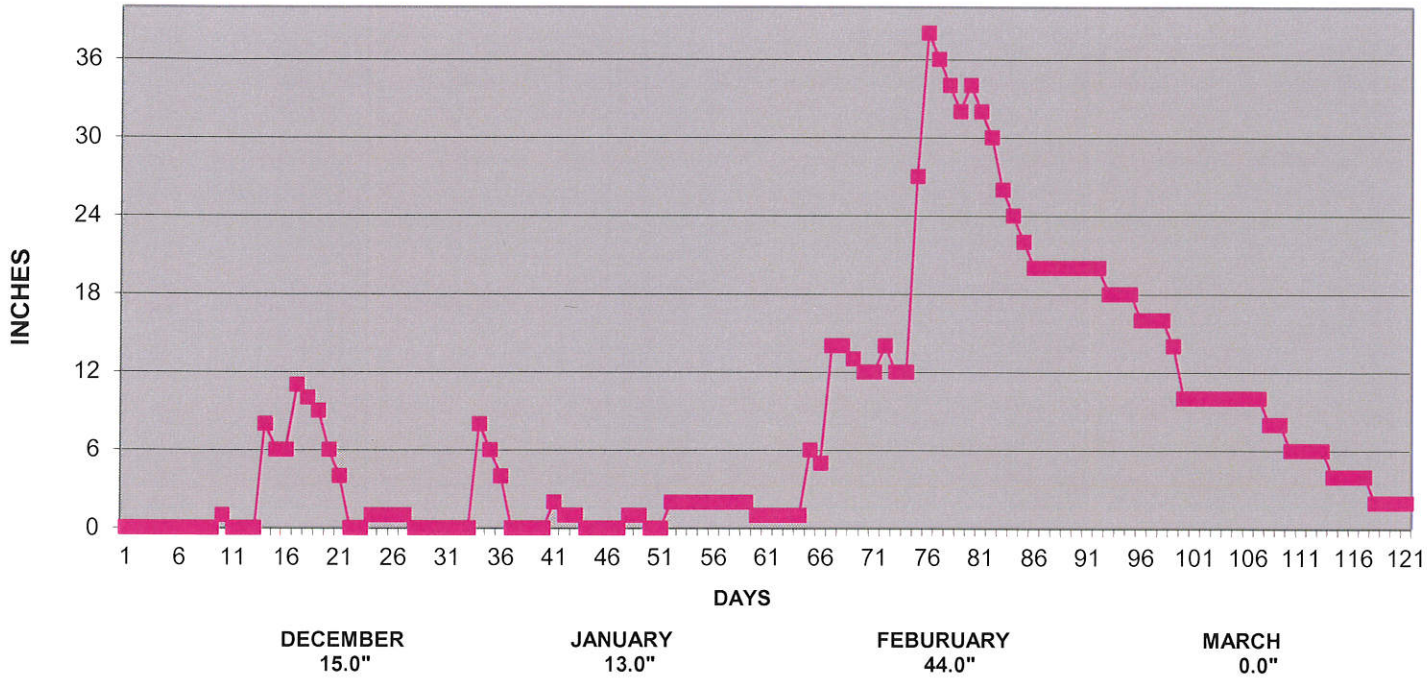
BLACK ROCK FOREST
SNOW FALL
December 1, 2013 -- March 31, 2014

NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
0.0"	15.0"	13.0"	44.0"	0.0"

TOTAL – 72.0 INCHES

SNOWPACK DEPTH

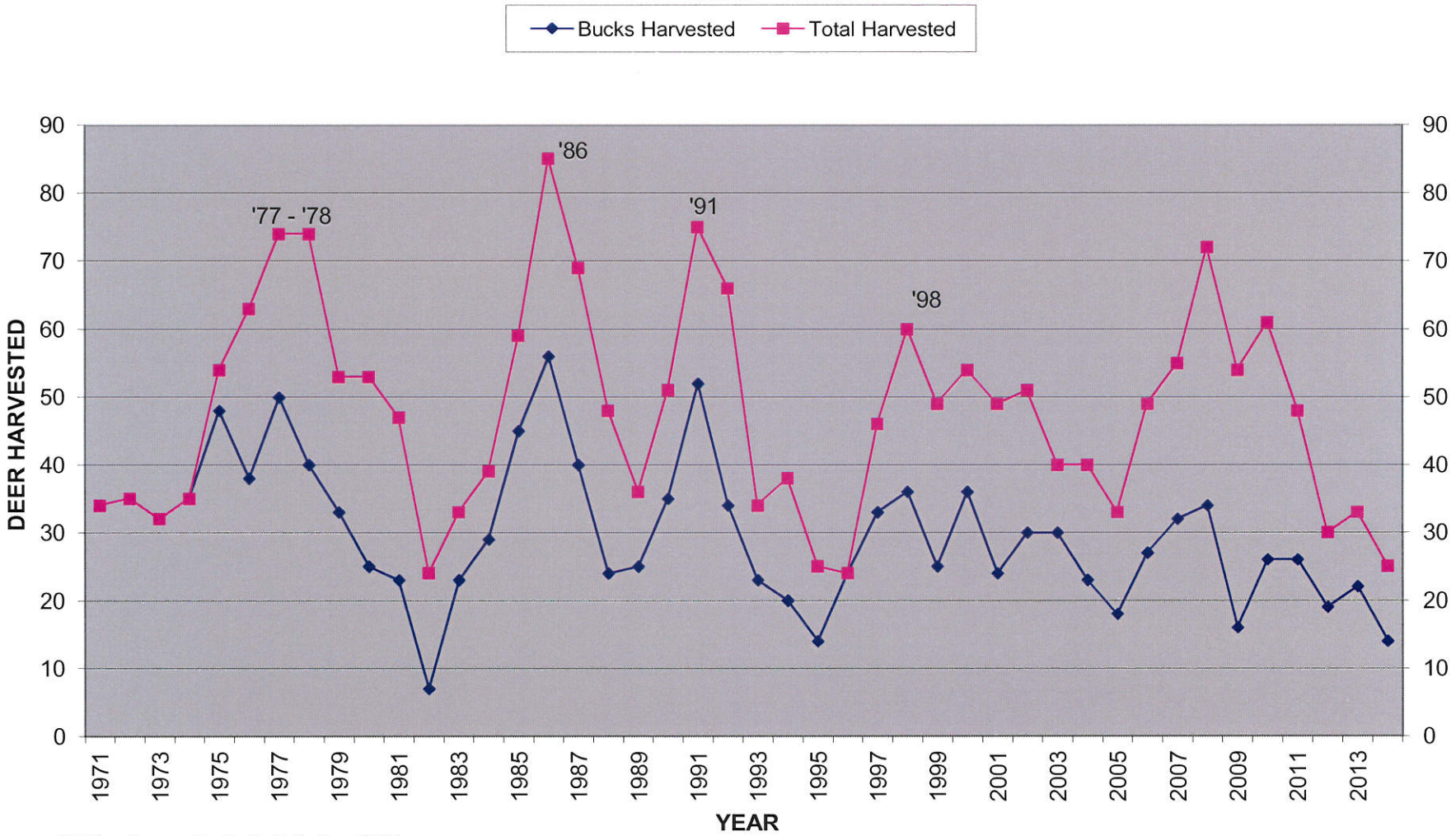
DECEMBER 01, 2013 -- MARCH 31, 2014
72.0 Inches Snow



Snow Events
12 snow events
First Snow – Dec. 10, 2013
Last snow – Feb. 13 – 14, 2014
6 Events < 2"
4 Event 6"+
1 Events 12" +
Largest Snow Event – Feb. 13 – 14 (26")

Snow Pack
91 days snow cover
69 Continuous days
55 Days 6" +
32 Days 12" +
20 Days 18" +
9 Days 24" +
2 Days 36"+

BUCK HARVEST VS TOTAL HARVEST
1971 - 2013



1981 - Gypsy Moth Defoliation 90%

1986 - Gypsy Moth Defoliation 70%

1992 - No Mast

1993 - March 13 - 14 Blizzard

1997 - 108" Snow

1999 - Drought, No Mast, Hurricane Floyd

2000 - Poor Mast

2001 - 81" Snow

2002 - Nov. 16 - 17, Ice Storm

2003 - No Mast, 90" Snow

2004 - Wooly Adelgid Infestation - Hemlock Mortality over 50%

2005 - Poor Mast

2008 - Low Mast

2008 - Dec. 12 Ice Storm

2010- Bumper Mast Crop

2011- No Mast

2012- No Mast

2014- Good Mast

DEER HARVEST
1970 - 2014

DATE	BUCK	DOES	TOTAL HARVEST
1970	24	0	24
1971	34	0	34
1972	35	0	35
1973	32	0	32
1974	35	0	35
1975	48	6	54
1976	38	25	63
1977	50	24	74
1978	40	34	74
1979	33	20	53
1980	25	28	53
1981	23	24	47
1982	7	17	24
1983	23	10	33
1984	29	10	39
1985	45	14	59
1986	56	29	85
1987	40	29	69
1988	24	24	48
1989	25	11	36
1990	35	16	51
1991	52	23	75
1992	34	32	66
1993	23	11	34
1994	20	18	38
1995	14	11	25
1996	24	0	24
1997	33	13	46
1998	36	24	60
1999	25	24	49
2000	36	18	54
2001	28	21	49
2002	30	21	51
2003	30	10	40
2004	23	17	40
2005	19	14	33
2006	27	22	49
2007	32	23	55
2008	34	38	72
2009	20	34	54
2010	30	31	61
2011	26	22	48
2012	19	11	30
2013	22	11	33
2014	14	11	25

2000 - 2014 WHITE-TAILED DEER HARVEST REPORT

3 1/2 - 4 1/2 Year Old Males

Year	Total Males	Antler Point Class								Sub Legal	Average Points	Avg. Beam Dia. (mm)	Average Wt. (lbs.)	Freq. %
		Spike	3	4	5	6	7	8	9	10					
2000	4	0	0	1	0	0	1	2	0	0	0	6.7	21.7	113	13
2001	7	0	0	0	1	1	2	3	0	0	0	7.0	23.4	109	30
2002	9	0	0	1	1	1	2	3	0	1	0	7.0	26.4	117	36
2003	8	0	0	1	1	1	2	3	0	0	0	6.6	28.0	127	30
2004	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0
2005	4	0	0	0	0	2	0	1	0	1	0	7.5	25.3	115	25
2006	5	0	0	1	0	1	1	2	0	0	0	6.6	24.8	118	18
2007	6	0	0	0	1	0	1	2	1	0	1	7.4	28.2	134	20
2008	6	0	0	0	0	1	1	4	0	0	0	7.5	26.8	135	20
2009	4	0	0	0	0	1	2	1	0	0	0	5.3	26.0	119	25
2010	4	0	0	0	0	0	2	2	0	0	0	7.5	29.2	132	15
2011	5	0	0	0	0	0	0	4	0	0	0	8.0	30.0	126	22
2012	3	0	0	0	0	0	0	1	1	1	0	9.0	28.3	123	17
2013	5	0	0	0	1	2	0	1	1	0	0	6.8	26.0	123	26
2014	3	0	0	0	0	1	1	1	0	0	0	7.0	25.7	112	21

FEMALE AGE CLASS IN YEARS

Year	TOTAL	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5-9.5	10.5+	Unknown	% 3 1/2 yrs. +
2000	18	3	2	2	6	2	0	1	0	2	0	0	61
2001	21	2	1	7	5	2	1	0	2	0	0	1	50
2002	21	2	4	7	6	2	0	0	0	0	0	0	38
2003	10	1	3	4	1	0	0	0	0	1	0	0	20
2004	17	2	2	4	2	3	2	1	1	0	0	0	53
2005	14	5	0	2	2	1	1	2	1	0	0	0	57
2006	17	2	4	7	1	0	2	0	1	0	0	0	29
2007	23	5	2	8	4	1	0	0	1	2	0	0	35
2008	38	10	7	8	7	2	3	0	1	0	0	0	34
2009	34	4	7	11	4	4	3	1	0	0	0	0	33
2010	31	10	2	5	6	4	1	1	0	2	0	0	45
2011	19	6	6	3	2	1	2	1	0	0	1	0	32
2012	11	4	0	1	2	2	0	1	1	0	0	0	55
2013	11	3	1	2	4	0	1	0	0	0	0	0	45
2014	11	2	0	3	4	1	1	0	0	0	0	0	55

2000 - 2014 WHITE-TAILED DEER HARVEST REPORT

YEARLING MALES

YEAR	TOTAL MALES	ANTLER POINT CLASS SPK	3	4	5	6	7	8	9	10	SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %
2000	15	4	3	6	1	0	0	0	0	0	1	3.2	15.1	84	50
2001	7	5	0	1	0	0	0	0	0	0	1	2.3	16.0	90	29
2002	13	6	1	3	2	0	0	0	0	0	1	3.1	17.7	88	52
2003	15	5	1	1	2	5	0	0	0	0	0	4.5	16.7	90	55
2004	11	4	0	1	1	0	0	0	0	0	5	2.8	14.8	80	55
2005	5	2	0	2	0	0	0	0	0	0	1	3.0	14.0	75	31
2006	15	7	1	2	3	1	0	0	0	0	0	3.2	15.3	89	56
2007	13	6	2	2	1	2	0	0	0	0	0	3.3	16.5	91	43
2008	17	9	1	4	0	0	0	0	0	0	1	2.6	14.7	91	57
2009	6	2	0	2	1	0	0	0	0	0	1	3.4	14.4	88	37
2010	14	2	2	4	3	0	1	0	0	0	2	4.0	16.6	93	54
2011	12	2	1	3	2	2	0	0	0	0	1	4.0	16.0	88	50
2012	4	0	2	0	0	0	0	0	0	0	2	3.0	16.5	77	22
2013	7	3	0	2	0	0	0	0	0	0	2	2.8	14.4	86	37
2014	5	2	1	0	0	0	0	0	0	0	2	2.3	14.0	90	36

2 1/2 YEAR OLD MALES

YEAR	TOTAL MALES	ANTLER POINT CLASS SPK	3	4	5	6	7	8	9	10	SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %
2000	11	0	0	3	1	6	0	1	0	0	0	5.5	20.7	106	37
2001	10	1	0	2	1	4	2	0	0	0	0	5.7	20.0	95	41
2002	3	0	0	0	1	2	0	0	0	0	0	5.7	21.7	103	12
2003	4	0	0	1	0	0	3	0	0	0	0	6.3	22.8	105	15
2004	9	1	0	3	0	3	2	0	0	0	0	5.1	20.9	106	45
2005	7	2	0	1	0	0	1	2	0	0	0	5.2	20.2	108	44
2006	7	1	0	0	3	1	0	2	0	0	0	5.6	23.6	111	26
2007	11	0	1	4	0	3	1	2	0	0	0	5.6	22.4	104	37
2008	7	0	1	4	0	0	1	1	0	0	0	4.9	20.7	107	23
2009	6	0	1	1	0	3	1	0	0	0	0	5.3	21.6	113	37
2010	8	1	0	1	1	0	2	2	1	0	0	6.2	21.7	103	31
2011	7	0	0	0	1	0	1	4	0	1	0	7.7	24.6	116	29
2012	11	0	1	2	2	2	0	1	1	0	0	5.6	20.5	108	61
2013	7	0	0	2	1	3	1	0	0	0	0	5.4	21.6	101	37
2014	6	0	0	2	1	2	0	1	0	0	0	5.5	22.7	114	43

1984-2014 HARVEST DATA: FAWNS

YEAR	TOTAL FAWN HARVESTED	TOTAL ANTLERLESS TAKE (INCLUDES BB) (AND SUBLEGALS)	FAWNS AS % OF ANTLERLESS HARVEST	MALE		FEMALE	
				TOTAL HARVESTED	AVG DRESSED* WEIGHT (LBS)	TOTAL HARVESTED	AVG DRESSED WEIGHT (LBS)
1984	1	10	10%	0		1	50
1985	9	20	45%	6	56	3	48
1986	12	37	32%	8	45	4	33
1987	11	36	31%	7	38	4	44
1988	4	25	16%	1	44	3	49
1989	3	14	21%	3	55	0	0
1990	5	19	26%	3	56	2	48
1991	4	26	15%	3	59	1	52
1992	3	33	9%	1	48	2	40
1993	2	12	16%	1	46	1	48
1994	9	22	40%	4	65	5	53
1995	0	11	0%	0			
1996	NO ANTLERLESS TAKE						
1997	4	16	25%	3	53	1	48
1998	6	25	24%	3	55	3	51
1999	7	28	25%	4	45	3	43
2000	9	24	37%	6	45	3	46
2001	6	25	24%	4	48	2	41
2002	7	26	27%	5	54	2	54
2003	4	13	31%	3	55	1	44
2004	5	25	20%	3	53	2	39
2005	8	18	44%	3	46	5	42
2006	7	23	30%	5	60	2	54
2007	7	25	28%	2	51	5	51
2008	14	42	33%	4	49	10	46
2009	8	38	21%	4	49	4	53
2010	14	35	40%	4	56	10	54
2011	8	24	33%	2	43	6	43
2012	5	14	36%	1	50	4	46
2013	6	16	38%	3	49	3	50
2014	2	12	17%	0	0	2	43
TOTALS	190	694	27%	96		94	

* DRESSED WEIGHT - Weight of animal with all internal body organs removed.
(Live ght calculaton = dressed weight x 1.25)