

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
WILDLIFE DIVISION REPORT NO. 3038-A*

THE 1983 DEER SEASONS**

by Tim F. Reis

INTRODUCTION

White-tailed deer (*Odocoileus virginianus*) were legal game in 1983 during several types of seasons. First, a split bow and arrow season, where all deer were legal, ran from October 1 to November 14 and again from December 1 to January 1 statewide. Second, the traditional firearm hunting season ran from November 15 to 30 statewide and was for adult, male deer with three-inch or longer antlers. In conjunction with this season, 76 deer management units were also open to the taking of limited numbers of antlerless deer by hunter's choice permit holders. The season dates were November 15 to December 11 in Unit 215 in the Upper Peninsula and November 15 to 30 in all other units. Third, there was a statewide season for hunters using muzzleloading rifles from December 2 to 11. Hunter's choice licenses were again valid during the muzzleloader season for those permittees not killing a deer during the November 15-30 firearm season. During the muzzleloading season, hunters were restricted to using a .44 caliber or larger muzzleloader loaded with black powder or pyrodex and firing a patched round ball. Properly licensed hunters could legally kill two deer on the mainland, one with bow and arrow and one with a firearm. In addition to their regular bag limits, hunters could also take up to two deer on South Fox Island (Unit 41), one with a firearm and one with bow and arrow. Finally, hunting parties of not less than four persons could purchase a camp deer permit which would allow them to take one antlered buck for camp purposes. Camp permits could be purchased for either firearm or bow and arrow hunting camps.

The total legal harvest by all hunters, 158,710, was down 21 percent from 1982.

REGULAR FIREARM SEASON

Regular firearm season hunter numbers, totaling 667,560, continued to decline for a second year from the 1981 record season. Their numbers were down six percent from 1982. Statewide, the buck harvest of 99,020 was a decline of ten percent from 1982. In the Upper Peninsula, hunter numbers dropped by three percent to 91,280; however, the buck harvest increased by two percent to 20,420. The 354,680 hunters and 50,510 bucks recorded for the northern Lower Peninsula represented a nine percent and 17 percent decline from 1982, respectively. The southern Lower Peninsula experienced less of a decline in hunter numbers and buck harvest. Hunters decreased less than two percent to 221,600 and the buck harvest less than three percent to 28,090.

*Revised April 1988

**A contribution of Federal Aid in Wildlife Restoration, Michigan Project W-124-R.

HUNTER'S CHOICE PERMITS

Statewide, the number of hunter's choice permit hunters (110,580) and antlerless deer take (27,320) declined by 38 percent and 48 percent, respectively, from 1982. In the Upper Peninsula, the number of areas open to antlerless deer hunting was increased from two to four. As a result, 48 percent more hunter's choice permit hunters (5,480) harvested 47 percent more antlerless deer (1,700) than in 1982. In the northern Lower Peninsula, the number of management units was reduced from 72 to 37. The number of hunter's choice permittees declined by 59 percent to 34,900, and antlerless harvest declined by 65 percent to 10,550. The 35 units in the southern Lower Peninsula experienced an overall decline of 22 percent in permit hunters (70,200) and 31 percent in antlerless take (15,070).

Since 1977, two types of hunter's choice permits have been issued, regular hunter's choice and landowner limited, with separate quotas established for each. A "landowner" as defined during the 1983 deer hunting season must have owned, rented, or leased 40 acres or more of huntable land within the designated unit. A landowner limited permit entitled the holder to kill an antlerless deer only on the land as described above or on adjoining private lands with permission of the owners. Besides the "landowner", members of his immediate family including spouse, children, parents, and brothers and sisters who also lived on the qualifying land, were eligible to apply for landowner limited permits. In 1983, landowner limited permits were issued in 75 out of the 76 deer management units open to antlerless hunting (not Area 41, South Fox Island).

MUZZLELOADER SEASON

The number of muzzleloader hunters (43,410) in 1983 was a new high. However, their harvest of 2,720 deer was down 6 percent from 1982. It was the second consecutive year that unfilled hunter's choice permits were valid during the muzzleloader season.

BOW AND ARROW SEASON

Archery deer hunting declined slightly in 1983. The number of bowhunters totaled 210,450, dropping six percent from 1982. Their harvest of 30,640 was a decline of 20 percent from the previous year archery harvest.

CAMP PERMITS

In 1983, 881 camps took 300 bucks. About 68 percent of the camp deer permits were purchased for the firearm deer season.

SOURCES OF HUNTING INFORMATION

The estimates of deer harvested and hunter numbers were derived from mail surveys of randomly selected samples of license purchasers and permit holders. Reports were solicited from 12,958 firearm deer hunters of whom 85 percent responded; from 24,650 hunter's choice permittees of whom 94 percent responded; from 6,568 bow and arrow deer hunters of whom 88 percent responded; and from 316 camp deer permit holders of whom 95 percent responded.

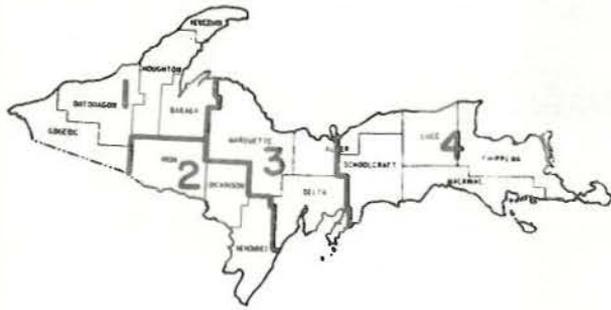
HOW RECENT FIREARM DEER SEASONS COMPARE

<u>LICENSE SALES</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
Resident Deer	452,424	651,333	668,146	649,018	609,834
Non-resident Deer	15,937	10,597	10,714	10,339	10,210
Sportsman's	235,155	47,024	36,884	32,981	30,950
Military	1,426	[1]	[1]	[1]	[1]
Senior Hunting	27,002	56,199	62,302	63,769	61,459
Senior Resident Deer	25,663	[1]	[1]	[1]	[1]
TOTAL	<u>757,607</u>	<u>765,153</u>	<u>778,046</u>	<u>756,107</u>	<u>712,453</u>
<u>UPPER PENINSULA</u>					
Total hunters [2]	96,040	94,040	98,210	93,780	91,280
Hunter's choice permittees [2]	4,990	1,800	2,970	3,700	5,480
Hunter-days	776,340	811,020	837,830	804,600	766,840
Buck kill	15,870	15,850	21,500	20,030	20,420
Antlerless kill	1,380	640	880	1,120	1,700
Total kill	17,250	16,490	22,380	21,150	22,120
Hunter success	18.0%	17.5%	22.8%	22.5%	24.2%
<u>NORTHERN LOWER PENINSULA</u>					
Total hunters [2]	409,740	415,850	410,400	391,260	354,680
Hunter's choice permittees [2]	46,630	42,720	82,290	84,820	34,900
Hunter-days	2,700,130	2,802,380	2,686,560	2,669,980	2,477,390
Buck kill	50,700	64,290	73,710	60,660	50,510
Antlerless kill [3]	15,280	13,800	31,700	29,690	10,270
Total kill	65,980	78,090	105,410	90,350	60,780
Hunter success	16.1%	18.8%	25.7%	23.1%	17.1%
<u>SOUTHERN LOWER PENINSULA</u>					
Total hunters [2]	205,560	217,320	225,430	224,760	221,600
Hunter's choice permittees [2]	54,290	64,440	75,470	90,080	70,200
Hunter-days	1,504,470	1,673,500	1,735,150	1,772,510	1,748,600
Buck kill	24,870	28,110	28,480	28,950	28,090
Antlerless kill [3]	10,380	13,770	16,850	20,160	14,060
Total kill	35,250	41,880	45,330	49,110	42,150
Hunter success	17.1%	19.3%	20.1%	21.8%	19.0%
<u>TOTAL STATE</u>					
Total hunters [2]	711,340	727,210	734,040	709,800	667,560
Hunter's choice permittees [2]	105,910	108,960	160,730	178,600	110,580
Hunter-days	4,980,940	5,286,900	5,259,545	5,247,090	4,992,830
Buck kill	91,440	108,250	123,690	109,640	99,020
Antlerless kill	27,040	28,210	49,430	50,970	26,030
Total kill	118,480	136,460	173,120	160,610	125,050
Hunter success	16.7%	18.8%	23.6%	22.6%	18.7%

[1] License types eliminated by new legislation enacted in 1980.

[2] These are the numbers of license holders and permittees who actually hunted.

[3] Management area boundaries do not correspond exactly to counties, hence antlerless kill figures may be slightly different here from those given by area. Antlerless kill figures include firearm season kills only.



1983 BUCK HUNTING INFORMATION

UNIT	BUCK KILL		BUCK KILL PER SQ. MILE		TOTAL HUNTERS		DEER HUNTERS PER SQ. MILE		TOTAL HUNTER SUCCESS FOR BUCKS (PERCENT)	
	5-year average 1978-82	1983	5-year average 1978-82	1983	5-year average 1978-82	1983	5-year average 1978-82	1983	5-year average 1978-82	1983
1	2,870	2,310	0.6	0.5	19,040	18,400	4.1	3.9	15.1	12.6
2	7,960	9,180	2.7	3.1	31,070	28,970	10.4	9.7	25.6	31.7
3	3,620	4,910	1.0	1.4	21,690	20,920	6.1	5.9	16.7	23.5
4	3,280	4,020	0.6	0.8	24,350	22,990	4.8	4.5	13.5	17.5
5a	3,040	2,610	1.5	1.3	24,040	19,630	11.6	9.5	12.7	13.3
5b	7,480	7,440	3.2	3.2	44,690	42,930	19.4	18.6	16.7	17.3
6a	6,200	6,120	2.8	2.7	41,080	38,390	18.4	17.2	15.1	15.9
6b	10,040	7,330	4.1	3.0	70,330	58,940	28.6	24.0	14.3	12.4
7a	8,090	7,300	3.4	3.1	61,230	53,370	25.8	22.5	13.2	13.7
7b	10,290	7,190	4.7	3.3	67,000	56,950	30.4	25.8	15.4	12.6
8a	11,230	7,950	5.5	3.9	65,550	55,190	32.4	27.3	17.1	14.4
8b	7,090	4,570	3.4	2.2	36,190	29,280	17.2	13.9	19.6	15.6
9	8,720	7,590	2.0	1.7	60,400	54,210	13.9	12.5	14.4	14.0
11	5,280	5,850	1.0	1.1	40,010	46,490	7.6	8.9	13.2	12.6
12	4,680	4,670	1.1	1.1	40,070	41,110	9.7	10.0	11.7	11.4
13	7,410	9,620	1.3	1.7	62,010	70,180	10.9	12.3	11.9	13.7
14	730	360	0.2	0.1	8,550	9,610	2.6	2.9	8.6	3.8

1983 ANTLERLESS DEER KILL

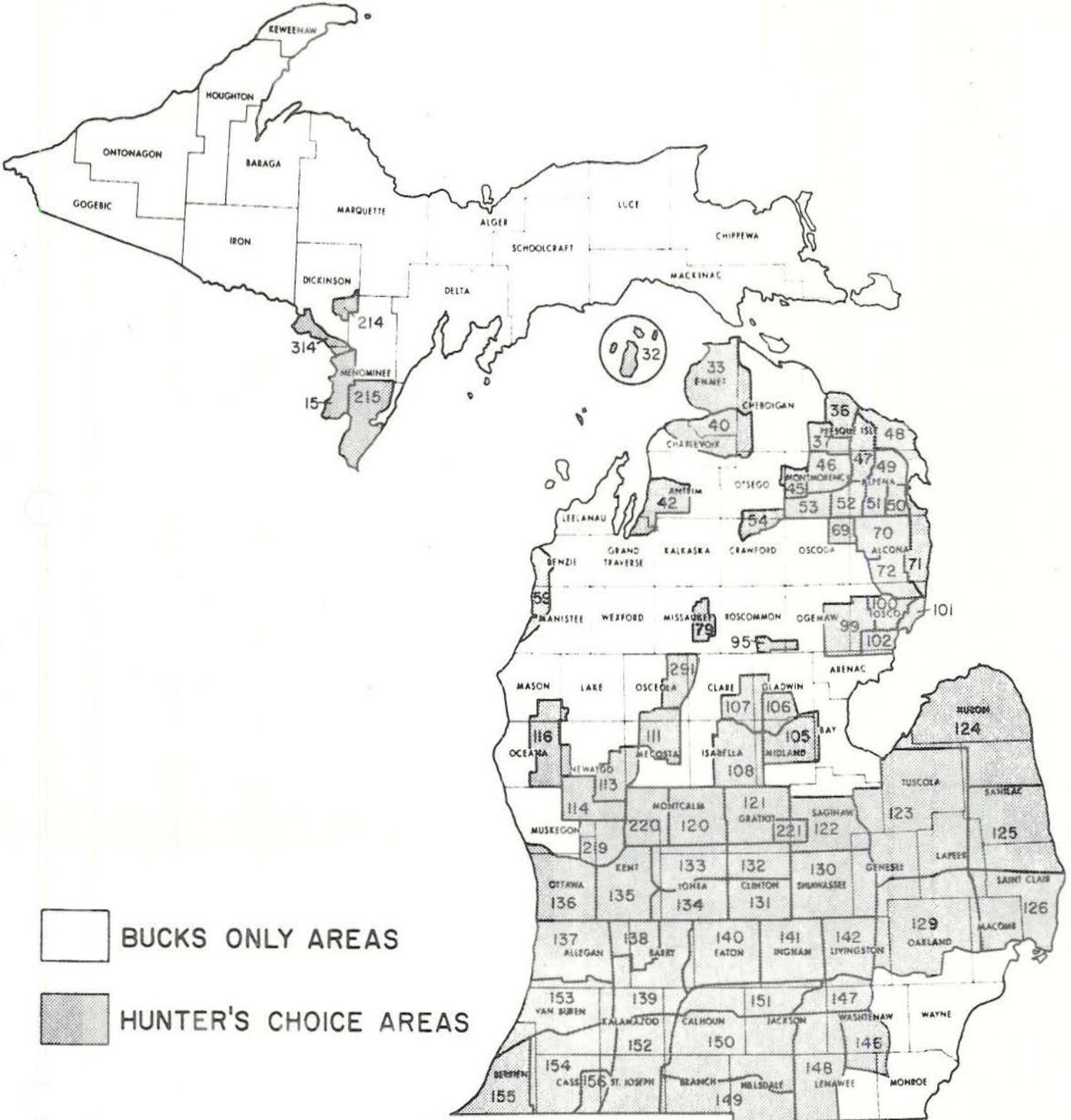
Unit	Expected Antlerless Kill	Number of Antlerless Deer Killed	Antlerless Kill Per Sq. Mile	Number of Permit Hunters	Permit Hunters Per Sq. Mile	Permit Hunters Antlerless Success %
15	1,220	410	1.91	1,130	5.26	36
214	290	210	2.56	600	7.32	35
215	540	870	2.72	3,180	9.91	27
314	410	210	1.62	570	4.38	37
<hr/>						
Total U.P.	2,460	1,700	2.27	5,480	7.33	31
<hr/>						
32	60	10	0.16	50	0.81	20
33	190	130	0.34	550	1.42	24
36	230	180	1.18	790	5.20	23
37	220	210	1.32	750	4.72	28
40	280	70	0.25	350	1.23	20
41	*	50	10.00	250	50.0	19
42	210	140	0.65	750	3.50	19
45	260	320	2.46	910	7.00	35
46	190	190	1.01	660	3.49	29
47	340	460	2.03	1,240	5.46	37
48	140	150	1.03	550	3.79	27
49	270	290	2.15	980	7.26	30
J	240	240	2.03	910	7.71	26
51	200	230	2.35	720	7.35	32
52	760	730	4.80	1,990	13.09	37
53	220	230	1.53	760	5.07	30
54	130	120	0.90	440	3.28	27
59	160	80	0.49	470	2.87	17
69	980	410	4.02	2,120	20.78	19
70	1,090	1,180	4.96	3,500	14.71	34
71	290	170	0.70	600	2.46	28
72	220	180	0.90	500	2.50	36
79	270	170	1.50	610	5.40	28
95	550	290	3.63	780	9.75	37
99	680	530	1.53	1,750	5.04	30
100	270	180	1.10	620	3.80	29
101	190	90	1.36	300	4.55	30
102	400	310	2.56	1,050	8.68	30
105	540	330	0.92	1,100	3.08	30
106	600	390	2.12	1,290	7.01	30
107	810	580	2.50	1,860	8.02	31
108	780	370	0.94	1,490	3.80	25
111	590	430	1.46	1,340	4.56	32
113	100	80	0.67	220	1.85	36
114	330	220	0.67	570	1.73	39
116	510	390	1.14	1,070	3.12	36
291	550	420	2.40	1,010	5.77	42
<hr/>						
Total N.L.P.	13,850	10,550	1.51	34,900	4.98	30

* Unlimited permits were available for South Fox Island.

1983 ANTLERLESS DEER KILL

Unit	Expected Antlerless Kill	Number of Antlerless Deer Killed	Antlerless Kill Per Sq. Mile	Number of Permit Hunters	Permit Hunters Per Sq. Mile	Permit Hunters Antlerless Success %
120	420	420	1.00	1,260	3.00	33
121	360	230	0.54	890	2.10	26
122	320	350	0.81	1,490	3.43	23
123	820	380	0.23	1,970	1.22	19
124	500	530	0.40	1,830	1.40	29
125	290	150	0.18	760	0.92	20
126	70	80	0.12	780	1.19	10
129	140	130	0.13	1,250	1.21	10
130	490	320	0.50	1,430	2.22	22
131	190	260	0.68	1,100	2.86	24
132	230	220	0.76	770	2.67	29
133	450	440	1.22	1,420	3.92	31
134	300	270	0.73	830	2.24	33
135	190	220	0.58	830	2.18	27
136	210	150	0.36	700	1.67	21
137	400	380	0.73	1,950	3.76	19
138	250	240	1.01	730	3.07	33
139	1,500	1,140	1.49	5,300	6.94	22
140	890	810	1.39	3,660	6.29	22
141	470	500	0.97	2,330	4.52	21
142	410	400	0.78	2,190	4.24	18
143	530	250	0.71	1,610	4.60	16
147	390	450	1.42	2,060	6.48	22
148	1,180	740	1.10	4,050	6.03	18
149	740	750	1.18	3,690	5.83	20
150	1,650	1,760	1.65	7,260	6.80	24
151	1,220	990	1.99	3,940	7.91	25
152	700	720	1.03	3,400	4.86	21
153	450	480	0.73	2,730	4.16	18
154	1,100	580	0.79	3,830	5.23	15
155	500	150	0.33	1,550	3.44	10
156	100	140	0.72	540	2.78	26
219	200	150	0.38	800	2.05	19
220	300	230	0.77	1,010	3.37	23
221	80	60	0.55	260	2.36	23
<hr/>						
Total S.L.P.	18,040	15,070	0.76	70,200	3.55	21
<hr/>						
Total State	34,350	27,320	0.99	110,580	4.02	25

1983 Hunter's Choice Areas



MANAGEMENT PERFORMANCE DATA - 1983 HUNTER'S CHOICE DEER HUNTING UNITS

Unit	Square Miles	Quota Of Permits	Permits Issued **	Actual No. Permittees Hunting In Unit	Actual Antlerless Kill	All Deer Killed In Unit By Permittees
15	215	Regular 700	700	530	200	280
		Landowner 1,300	624	600	210	400
214	82	Regular 660	660	450	150	200
		Landowner 300	162	150	60	100
215	321	Regular 2,900	2,900	2,090	550	1,490
		Landowner 2,000	1,130	1,090	320	720
314	130	Regular 550	550	460	160	240
		Landowner 700	117	110	50	80
Total		Regular 4,810	4,810	3,530	1,060	2,210
		Landowner 4,300	2,033	1,950	640	1,300
Total U.P.	748	9,110	6,843	5,480	1,700	3,510
32	62	Regular 50	50	40	10	10
		Landowner 100	13	10	0	0
33	386	Regular 400	400	350	90	150
		Landowner 400	217	200	40	80
36	152	Regular 312	591	490	100	150
		Landowner 600	321	300	80	180
37	159	Regular 490	587	470	120	150
		Landowner 400	303	280	90	150
40	285	Regular 140	140	130	30	50
		Landowner 800	230	220	40	100
41	5	Regular *	250	250	50	70
42	214	Regular 450	554	480	90	130
		Landowner 400	296	270	50	80
45	130	Regular 640	876	760	270	330
		Landowner 400	164	150	50	70
46	189	Regular 356	530	440	140	180
		Landowner 400	226	220	50	80
47	227	Regular 560	833	740	270	410
		Landowner 800	527	500	190	300
48	145	Regular 180	405	380	100	180
		Landowner 400	175	170	50	110
49	135	Regular 480	716	630	190	290
		Landowner 600	364	350	100	190
50	118	Regular 630	840	730	180	270
		Landowner 400	190	180	60	100
51	98	Regular 200	476	410	130	180
		Landowner 600	324	310	100	170

* Unlimited permits were available for South Fox Island.
 ** In 24 units, under subscribed Landowner permits were transferred to Regular Hunter's Choice applicants.

MANAGEMENT PERFORMANCE DATA - 1983 HUNTER'S CHOICE DEER HUNTING UNITS

<u>Unit</u>	<u>Square Miles</u>	<u>Quota Of Permits</u>	<u>Permits Issued **</u>	<u>Actual No. Permittees Hunting In Unit</u>	<u>Actual Antlerless Kill</u>	<u>All Deer Killed In Unit By Permittees</u>
52	152	Regular 2,560	2,189	1,770	650	880
		Landowner 500	235	220	80	150
53	150	Regular 500	679	560	160	190
		Landowner 400	221	200	70	100
54	134	Regular 336	458	370	100	110
		Landowner 200	78	70	20	20
59	164	Regular 328	346	290	50	80
		Landowner 220	202	180	30	50
69	102	Regular 100	2,467	2,000	360	500
		Landowner 2,500	133	120	50	70
70	238	Regular 150	3,975	2,960	1,020	1,360
		Landowner 4,550	570	540	160	270
71	244	Regular 325	325	290	80	130
		Landowner 700	334	310	90	170
72	200	Regular 300	300	240	70	90
		Landowner 400	280	260	110	170
79	113	Regular 50	50	40	10	10
		Landowner 800	594	570	160	260
95	80	Regular 400	400	300	70	90
		Landowner 800	514	480	220	320
99	347	Regular 750	750	600	160	200
		Landowner 1,600	1,204	1,150	370	540
100	163	Regular 300	300	250	70	80
		Landowner 600	379	370	110	180
101	66	Regular 150	150	120	40	50
		Landowner 400	189	180	50	90
102	121	Regular 600	600	540	150	200
		Landowner 700	528	510	160	250
105	357	Regular 446	446	400	110	150
		Landowner 893	715	700	220	330
106	184	Regular 345	345	300	60	80
		Landowner 1,150	1,041	990	330	490
107	232	Regular 580	580	490	150	170
		Landowner 1,450	1,429	1,370	430	630
108	392	Regular 980	980	830	200	290
		Landowner 980	708	660	170	280
111	294	Regular 368	368	290	90	100
		Landowner 1,103	1,103	1,050	340	540
113	119	Regular 75	75	70	20	30
		Landowner 170	170	150	60	70
114	330	Regular 285	285	250	90	110
		Landowner 350	350	320	130	170

** In 24 units, under subscribed Landowner permits were transferred to Regular Hunter's Choice applicants.

MANAGEMENT PERFORMANCE DATA - 1983 HUNTER'S CHOICE DEER HUNTING UNITS

Unit	Square Miles	Quota Of Permits	Permits Issued **	Actual No. Permittees Hunting In Unit	Actual Antlerless Kill	All Deer Killed In Unit By Permittees	
116	343	Regular	566	566	540	210	240
		Landowner	567	567	530	180	240
291	175	Regular	219	219	180	50	60
		Landowner	875	875	830	370	490
Total		Regular	15,601	24,101	19,980	5,740	7,750
		Landowner	28,208	15,769	14,920	4,810	7,490
Total N.L.P. 7,005			43,809	39,870	34,900	10,550	15,240
120	420	Regular	630	630	550	190	250
		Landowner	740	740	710	230	330
121	424	Regular	585	585	500	150	190
		Landowner	785	433	390	80	150
122	434	Regular	1,000	1,212	1,050	270	310
		Landowner	700	488	440	80	130
123	1,618	Regular	1,250	1,250	1,040	210	300
		Landowner	1,600	1,001	930	170	300
124	1,310	Regular	600	600	520	210	250
		Landowner	2,000	1,388	1,310	320	500
125	828	Regular	400	400	340	70	90
		Landowner	1,000	452	420	80	130
126	656	Regular	500	859	660	60	100
		Landowner	500	141	120	20	30
129	1,031	Regular	1,500	1,500	1,150	120	170
		Landowner	1,000	117	100	10	20
130	644	Regular	720	922	800	180	230
		Landowner	890	688	630	140	260
131	384	Regular	770	770	670	160	200
		Landowner	505	455	430	100	160
132	288	Regular	425	425	390	140	150
		Landowner	500	405	380	80	150
133	362	Regular	860	860	780	260	330
		Landowner	675	675	640	180	260
134	371	Regular	450	450	430	140	180
		Landowner	440	439	400	130	200
135	380	Regular	665	665	580	140	210
		Landowner	460	277	250	80	100
136	420	Regular	300	300	240	70	80
		Landowner	600	501	460	80	130
137	518	Regular	1,740	1,740	1,500	280	380
		Landowner	1,000	513	450	100	160
138	238	Regular	400	400	350	130	160
		Landowner	1,000	399	380	110	160
139	764	Regular	5,320	5,128	4,720	1,010	1,510
		Landowner	1,500	628	580	130	210

** In 24 units. under subscribed Landowner permits were transferred to Regular Hunter's

MANAGEMENT PERFORMANCE DATA - 1983 HUNTER'S CHOICE DEER HUNTING UNITS

Unit	Square Miles	Quota Of Permits	Permits Issued **	Actual No. Permittees Hunting In Unit	Actual Antlerless Kill	All Deer Killed In Unit By Permittees
140	582	Regular 3,800	3,784	3,130	670	970
		Landowner 1,500	582	530	140	220
141	516	Regular 2,300	2,300	2,040	430	560
		Landowner 1,100	310	290	70	120
142	516	Regular 2,300	2,300	1,960	360	520
		Landowner 1,000	254	230	40	70
146	350	Regular 1,700	1,700	1,390	210	330
		Landowner 1,000	238	220	40	70
147	318	Regular 2,000	2,000	1,750	350	460
		Landowner 1,000	332	310	100	150
148	672	Regular 4,100	4,100	3,650	650	900
		Landowner 1,300	417	400	90	150
149	633	Regular 3,800	3,800	3,290	660	1,010
		Landowner 1,300	427	400	90	140
150	1,067	Regular 7,200	7,163	6,410	1,550	2,390
		Landowner 2,100	864	850	210	380
151	498	Regular 3,800	3,800	3,460	890	1,330
		Landowner 1,600	502	480	100	180
152	699	Regular 4,120	3,455	3,070	660	1,040
		Landowner 1,000	354	330	60	110
153	656	Regular 2,600	2,800	2,460	450	630
		Landowner 1,000	306	270	30	60
154	733	Regular 5,600	3,800	3,510	510	930
		Landowner 1,500	344	320	70	110
155	450	Regular 2,500	1,880	1,490	140	190
		Landowner 500	82	60	10	20
156	194	Regular 500	500	450	120	170
		Landowner 1,000	100	90	20	30
219	390	Regular 705	705	570	100	150
		Landowner 575	259	230	50	60
220	300	Regular 620	620	530	110	170
		Landowner 510	510	480	120	200
221	110	Regular 145	145	130	30	40
		Landowner 140	140	130	30	40
Total		Regular 65,905	63,548	55,560	11,680	16,880
		Landowner 34,020	15,761	14,640	3,390	5,490
Total S.L.P.	19,774	99,925	79,309	70,200	15,070	22,370
Total State	27,527	152,844	126,022	110,580	27,320	41,120

** In 24 units, under subscribed Landowner permits were transferred to Regular Hunter's Choice applicants.

HOW RECENT BOW AND ARROW DEER SEASONS COMPARE

<u>CENSE SALES</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
Resident Bow and Arrow	65,590	152,521	168,556	177,620	172,270
Non-resident Bow and Arrow	7,300	4,039	4,401	4,903	4,133
Senior Resident Bow and Arrow	613	[1]	[1]	[1]	[1]
Junior Resident Bow and Arrow		16,365	19,465	20,583	20,293
Sportsman's	235,155	47,024	36,884	32,981	30,950
Senior Sportsman's	27,002	56,199	62,302	63,769	61,459
Military [2]	1,426	[1]	[1]	[1]	[1]
TOTAL	337,086	276,148	291,608	299,856	289,105
<u>UPPER PENINSULA</u>					
Hunters [3]	13,780	10,170	10,690	12,440	13,210
Deer kill	2,670	2,290	2,860	3,300	3,420
Hunter-days	186,500	144,300	146,110	182,450	197,960
Percentage of hunters successful	19.4%	22.5%	26.8%	26.5%	25.9%
<u>NORTHERN LOWER PENINSULA</u>					
Hunters [3]	115,910	109,470	115,710	117,690	106,860
Deer kill	14,220	15,970	20,350	24,210	16,890
Hunter-days	1,507,190	1,427,930	1,550,940	1,571,960	1,416,320
Percentage of hunters successful	12.3%	14.6%	17.6%	20.6%	15.8%
<u>SOUTHERN LOWER PENINSULA</u>					
Hunters [3]	86,500	84,910	88,350	93,530	90,380
Deer kill	8,750	9,850	10,110	10,910	10,330
Hunter-days	1,511,630	1,565,520	1,667,050	1,667,880	1,618,900
Percentage of hunters successful	10.1%	11.6%	11.4%	11.7%	11.4%
<u>TOTAL STATE</u>					
Hunters [3]	216,190	204,550	214,750	223,660	210,450
Deer kill	25,640	28,110	33,320	38,420	30,640
Hunter-days	3,205,320	3,137,750	3,364,100	3,422,290	3,233,180
Percentage of hunters successful	11.9%	13.7%	15.5%	17.2%	14.6%

[1] License types eliminated by legislation enacted in 1980.

[2] This is the total number of military licenses issued for all seasons.

[3] This is the number of license holders actually hunting.

TOTAL MICHIGAN DEER HARVEST - ALL SEASONS

<u>LICENSE SALES</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
Firearm Deer-					
Resident	452,424	651,333	668,146	649,018	609,834
Non-resident	15,937	10,597	10,714	10,339	10,210
Senior Resident	25,663	[5]	[5]	[5]	[5]
Bow and Arrow -					
Resident	65,590	152,521	168,556	177,620	172,270
Non-resident	7,300	4,039	4,401	4,903	4,133
Senior Resident	613	[5]	[5]	[5]	[5]
Junior Resident		16,365	19,465	20,583	20,293
Sportsman's [1]	235,155	47,024	36,884	32,981	30,950
Senior Hunting [1]	27,002	56,199	62,302	63,769	61,459
Camp Permits [2]	958	[5]	771	914	881
Military [3]	1,426	[5]	[5]	[5]	[5]
Muzzleloaders -					
Resident	1,491	[5]	[5]	[5]	[5]
Non-resident	93	[5]	[5]	[5]	[5]
Senior Resident	0 [4]	[5]	[5]	[5]	[5]
TOTAL	833,652	938,078	971,239	960,127	910,030
<u>FIREARM SEASON</u>					
Hunters	711,340	727,210	734,040	709,800	667,560
Buck kill	91,440	108,250	123,690	109,640	99,020
Hunter's choice -					
Permits issued	122,573	128,722	178,326	196,880	126,022
Hunters	105,910	108,960	160,730	178,600	110,580
Antlerless deer kill	27,040	28,210	49,430	50,970	26,030
Deer killed under					
Camp permits [2]	260	[5]	310	330	300
<u>ARCHERY SEASON</u>					
Hunters	216,190	204,550	214,750	223,660	210,450
Deer kill	25,640	28,110	33,320	38,420	30,640
<u>MUZZLELOADER SEASON</u>					
Hunters	27,620	26,080	30,320	40,830	43,410
Deer kill	1,310	920	1,970	2,910	2,720
TOTAL DEER KILL	145,690	165,490	208,720	202,270	158,710

[1] Sportsman's and Senior hunting licenses are valid for firearm, bow and arrow, and muzzleloader hunting in the respective seasons.

[2] Camp permits could be purchased for either firearm or bow and arrow deer hunting.

[3] Military licenses were issued for specific seasons and dates but all licenses issued are grouped here because of the difficulty in separating them into the types of hunting for which they were issued.

[4] Sample used not adequate to estimate this license type.

[5] License types eliminated by legislation enacted in 1980. Camp permits were restored in 1981.