

MICHIGAN DEPARTMENT OF CONSERVATION
Game Division

Report No. 2222
May 18, 1959

Deer Kill Estimates - 1958 Special Seasons

By Lee Eberhardt

There were 37 areas open to the taking of any kind of deer in the 1958 season. Hunting was by permit only, with limited quotas set for all areas. All of the areas in northern Michigan (Areas 2-37) were open "concurrently" so that permit holders could take any kind of deer in the area for which they held a permit during the regular November 15-30 deer season. The only "subsequent" season this year was held in Area 1 (in Allegan County) on December 1 to 10.

Special regulations again required registration or "validation" of antlerless deer and "short-horn" bucks in the Baldwin area (Areas 5 and 6), and in Area 1.

An important point about the figures given here is that they include only antlerless deer and bucks with "sub-legal" antlers (less than 3 inches), since concurrent permittees may hunt bucks in exactly the same manner as any other hunter and because our special season quotas were set up on the basis of antlerless deer only. "Legal bucks" taken by concurrent permittees are included in the report on regular season kill (Report No. 2221).

With the exception of the registration figures from Areas 1, 5, and 6, the estimates in this report are based on a mail survey of 6,707 permittees, of whom all but 39 or a total of 99.4% replied.

Various tabulations concerning the special seasons are given on subsequent pages of this report. They include:

- (1) Location of the special season areas, deer kill, and hunter numbers.

Upper Peninsula Page 2
Northern Lower Peninsula Page 3

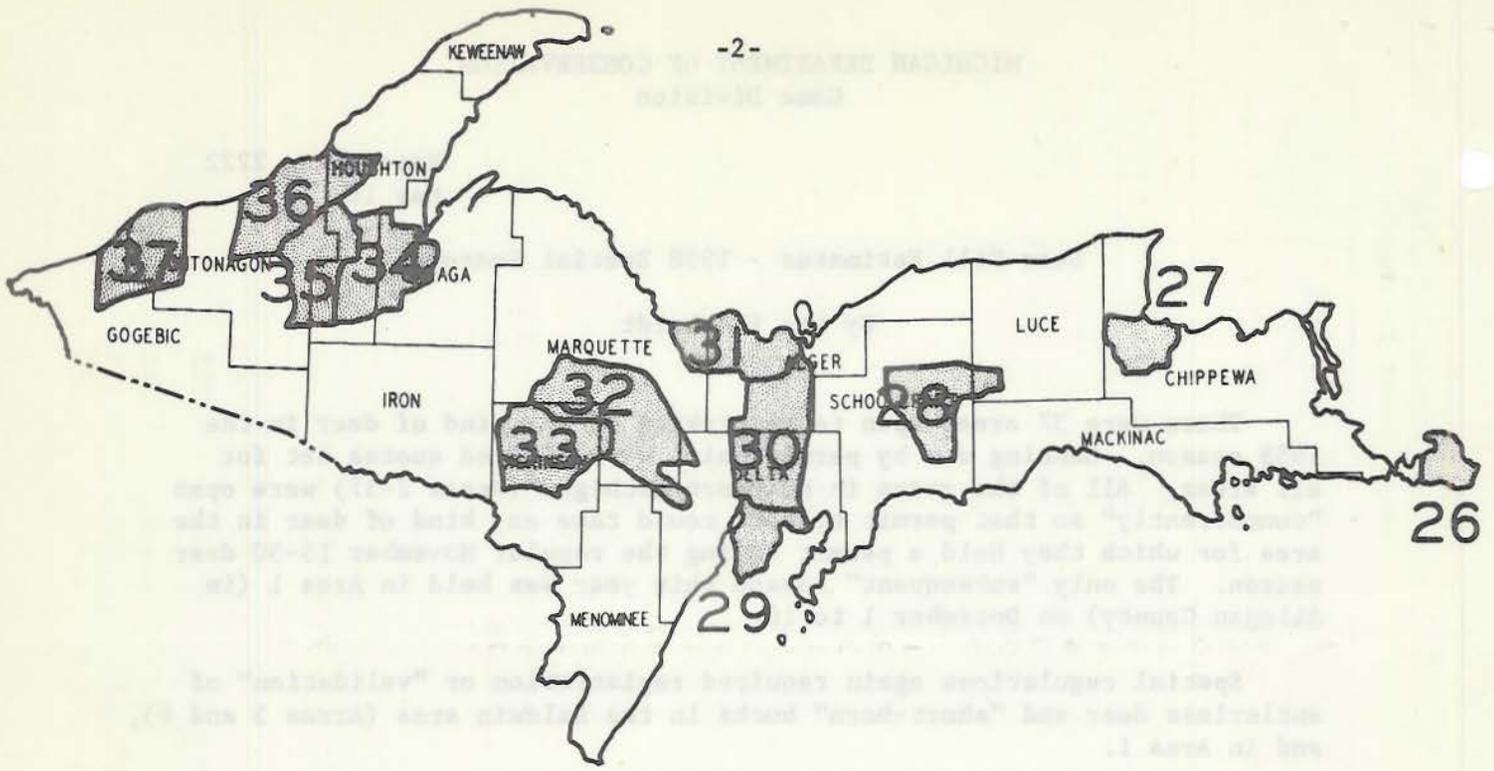
- (2) Composition of the deer kill by permittees. Page 3

- (3) Supplementary data. Page 4

Includes size of area, quota of permits, expected and actual numbers of hunters and deer kill, total kill within areas by permittees, and over-all hunting success of permittees (regardless of area).

LE:vw

Distribution: A & AA



1958 Special Deer Season
Kill and Hunters by Area
Upper Peninsula

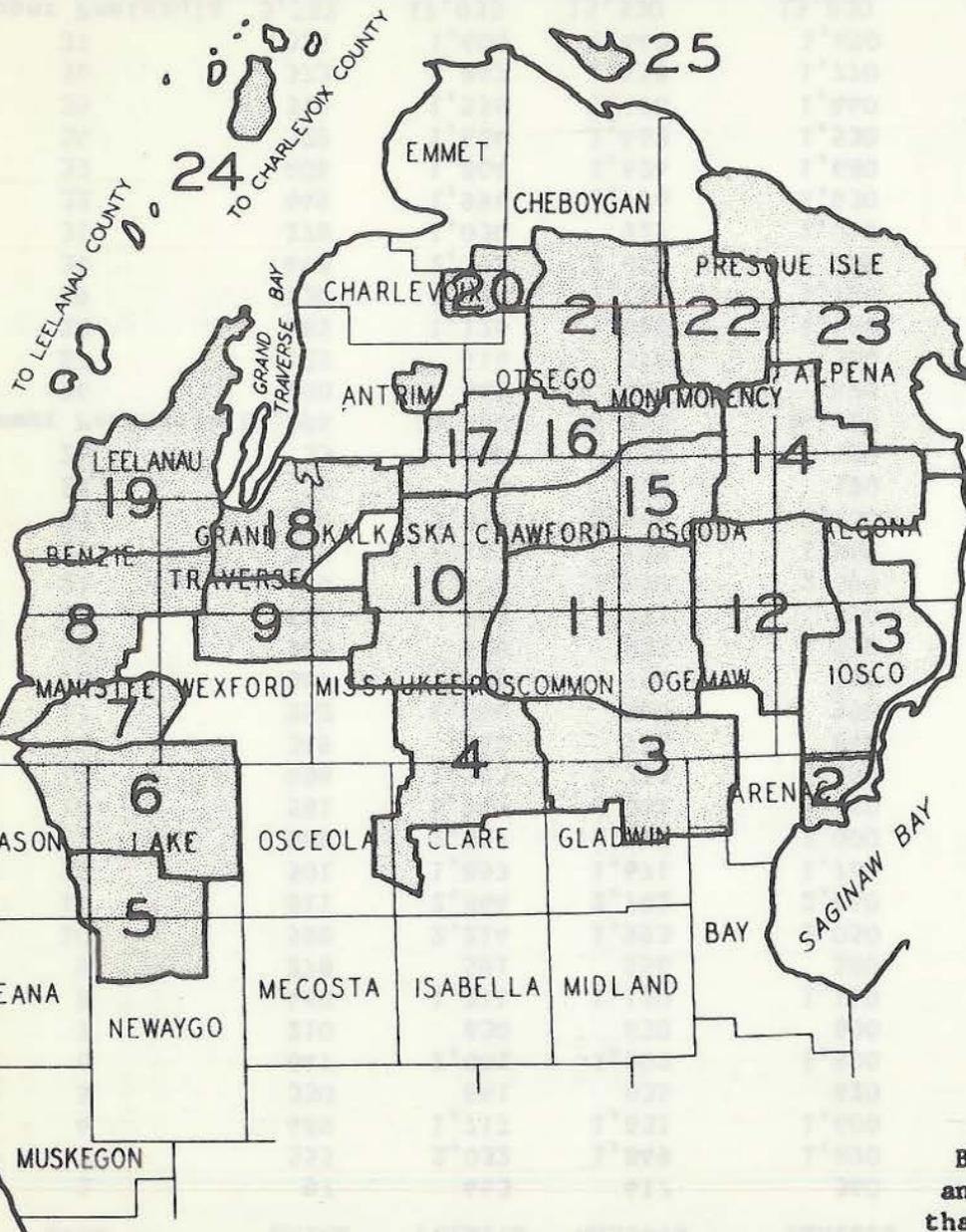
Area	Number of deer killed	Kill per sq. mile	Number of hunters	Hunters per sq. mile	Hunter success %
26	222	2.22	420	4.20	53
27	100	.80	350	2.80	28
28	400	1.40	1,010	3.54	40
29	440	3.38	1,120	8.62	39
30	840	1.79	2,080	4.44	40
31	480	1.73	1,010	3.63	48
32	900	2.00	1,930	4.30	47
33	850	2.09	1,680	4.14	50
34	630	1.91	1,530	4.65	41
35	640	2.03	1,440	4.57	44
36	650	1.74	1,770	4.74	37
37	670	2.07	1,490	4.60	45

SUMMARY OF DEER KILL ("permit" deer only)

	<u>Kill*</u>	<u>Hunters*</u>
Upper Peninsula	6,820	15,830
Northern Lower Peninsula.	18,910	34,120
	<u>25,730</u>	<u>49,950</u>

*Does not include Area 1 (in Allegan County) in which 62 deer were taken by 1,110 hunters in December 1-10 season.

1958 Special Deer Season
Kill and Hunters by Area
Northern Lower Peninsula



Area	Number of deer killed	Kill per sq. Mile	Number of hunters	Hunters per sq. Mile	Hunter Success %
2	160	1.65	360	3.71	44
3	1,150	2.07	1,890	3.40	61
4	880	1.80	1,600	3.27	55
5	314	.95	620	1.88	51
6	947	1.46	1,900	2.94	50
7	310	1.48	600	2.86	52
8	640	1.39	1,140	2.48	56
9	300	1.08	580	2.09	52
10	1,000	1.67	2,050	3.43	49
11	1,410	1.74	2,660	3.28	53
12	1,080	2.16	1,780	3.55	61
13	1,100	1.94	2,000	3.53	55
14	3,640	6.26	6,380	10.98	57
15	890	2.19	1,400	3.45	64
16	550	1.58	840	2.41	65
17	570	2.02	990	3.51	58
18	340	.93	750	2.04	45
19	260	.50	570	1.09	46
20	180	1.22	350	2.38	51
21	1,140	1.90	2,090	3.48	54
22	650	1.93	1,060	3.14	61
23	1,220	1.40	2,130	2.44	57
24	79	1.44	190	3.45	42
25	101	3.06	190	5.76	53

Composition of "permit" kill

	<u>Bucks with antlers less than 3 inches</u>	<u>Does</u>	<u>Buck fawns</u>	<u>Doe fawns</u>	<u>Totals</u>
Upper Peninsula.....	210	3,990	1,450	1,170	6,820
Northern Lower Peninsula..	740	10,800	4,160	3,210	18,910
Totals.....	950	14,790	5,610	4,380	25,730

1958 Special Deer Season -- Supplementary Data

Area	Square Miles	Quota of Permits	Expected Hunters	Estimate of Actual Number of Hunters	Expected Kill	Estimate of Actual Kill	Estimate of Total Kill Within Areas by Concurrent Permittees	Overall Hunting Success of Permittees (Regardless of Area)
2	97	463	417	360	146	160	190	54
3	555	2,032	1,849	1,890	832	1,150	1,280	71
4	489	1,717	1,631	1,600	734	880	970	62
5	330	661	635	620	330	314 *	360	60
6	647	2,002	1,902	1,900	970	947 *	1,020	56
7	210	630	630	600	315	310	340	57
8	460	1,211	1,150	1,140	460	640	740	64
9	278	591	556	580	278	300	380	68
10	598	2,214	1,993	2,050	897	1,000	1,100	57
11	811	2,844	2,702	2,660	1,216	1,410	1,510	60
12	501	1,857	1,671	1,780	752	1,080	1,140	67
13	566	2,097	1,887	2,000	849	1,100	1,120	57
14	581	6,949	6,602	6,380	2,905	3,640	4,280	72
15	406	1,503	1,353	1,400	609	890	990	69
16	349	862	776	840	349	550	580	72
17	282	1,044	940	990	423	570	610	64
18	367	781	734	750	367	340	410	56
19	523	580	522	570	261	260	290	53
20	147	363	327	350	147	180	180	53
21	600	2,174	2,000	2,090	900	1,140	1,340	69
22	337	1,181	1,122	1,060	505	650	700	68
23	874	2,312	2,081	2,130	874	1,220	1,430	68
24	55	300	285	190	128	79	123	62
25	33	200	188	190	100	101	153	80
Lower Peninsula	10,096	36,568	33,953	34,120	15,347	18,911		
26	100	444	400	420	200	222	270	66
27	125	416	374	350	187	100	110	36
28	285	1,126	1,013	1,010	456	400	440	53
29	130	1,284	1,156	1,120	520	440	560	58
30	468	2,311	2,080	2,080	936	840	960	51
31	278	1,030	927	1,010	417	480	550	58
32	449	1,996	1,796	1,930	898	900	1,160	68
33	406	1,804	1,624	1,680	812	850	1,010	71
34	329	1,624	1,462	1,530	658	630	760	54
35	315	1,556	1,400	1,440	630	640	750	60
36	373	1,842	1,658	1,770	746	650	840	50
37	324	1,600	1,440	1,490	648	670	830	67
Upper Peninsula	3,582	17,033	15,330	15,830	7,108	6,822		
Total	13,678	53,601	49,283	49,950	22,455	25,733		

* Validation record 5/19/59