

MICHIGAN DEPARTMENT OF CONSERVATION  
Game Division

Report No. 2043  
March 24, 1955

ESTIMATES OF 1954 DEER KILL  
FROM POST-CARD SURVEY  
(not final)

This report covers results of the post-card survey for 1954 deer kill on regular gun licenses. Surveys for archery and camp deer kill are not yet completed.

The estimates given below are termed "not final" only because we will not have an exact figure for license sales for several months. It seems likely that only minor changes in the estimates will be necessary when actual license sales are available.

Post-card surveys for deer kill have been conducted since 1952. Results for the three years are given for comparative purposes.

<u>License sales and total hunters</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Resident and non-resident gun license sales	465,343	456,166	426,000
Regular season hunters	417,560	439,730	414,180
Special season hunters	247,140	100,870	37,750

Regular season kill, hunters and hunting success

<u>Zone 1 (Upper Peninsula)</u>			
Bucks killed	19,260	26,340	24,190
Hunters	96,440	109,830	110,930
Success	20.0%	24.0%	21.9%
<u>Zone 2 (Northern Lower Peninsula)</u>			
Bucks killed	41,200	42,520	32,590
Hunters	305,860	309,660	283,190
Success	13.5%	13.7%	11.5%
<u>Zone 3 (Southern Lower Peninsula)</u>			
Bucks killed	1,140	1,590	1,680
Hunters	15,260	20,240	20,060
Success	7.5%	7.8%	8.4%

Special season kill, hunters and hunting success (Zone 2)

Length of season	Nov. 28-30	Dec. 1	Dec. 1
Area	North of M-20 (16,750 sq. mi.)	North of M-55 (8,000 sq. mi.)	Designated areas north of M-55; hunting by permit only. (7,300 sq. mi.)
Total kill	100,520	26,620	8,270
Hunters	247,140	100,870	37,750
Hunter success	40.7%	26.4%	21.9%

<u>Survey size and returns</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Cards sent	10,417	10,758	10,287
Cards returned	9,406	10,010	9,637
Non-deliverable	703	355	300
Non-response	308	393	350
Percent of return of delivered cards	96.9%	96.2%	96.5%

The 1952 and 1953 figures are final, based on complete license sales and further analysis of basic data.

Estimates for county units are attached to this report.

Lee Eberhardt

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## REGULAR SEASON DEER HUNTING INFORMATION

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## SPECIAL SEASON DEER HUNTING INFORMATION

Unit	1952 and 1953 Seasons						1954 Season					
	Kill per sq. mi. of deer range		Hunters per sq. mi. of deer range		Hunter success (%)		Area	Square miles	Kill per sq. mi.	Hunters per sq. mi.	Hunter success (%)	
	1952	1953	1952	1953	1952	1953						
6	2.4	1.0	6.2	4.0	39.9	25.2	A	1,500	0.8	2.8	28.8	
7	1.6	0.4	6.9	3.1	23.3	12.3	B	1,800	1.5	6.2	24.8	
8	7.4	3.1	16.2	9.9	45.6	31.6	D	4,000	1.1	5.6	19.2	
9	9.5	4.7	20.4	14.9	46.6	31.5						
10	5.4	3.0	14.0	14.4	38.3	20.7						
11	14.3	7.0	34.3	29.4	41.8	23.9						
12	11.7		25.8		45.4							
13	11.8		29.5		39.9							
14	2.8		9.7		29.0							
Total	7.0	3.0	17.1	11.6	40.7	26.4		7,300	1.1	5.2	21.9	









## SPECIAL SEASON DEER HUNTING INFORMATION

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