

MICHIGAN DEPARTMENT OF CONSERVATION
Game Division

Report No. 2184
June 9, 1958

Estimates of 1957 Archery and Camp Deer Kill
from Mail Surveys

This report covers results of the post-card surveys for Archery and Camp Deer kill in the 1957 season. It is intended to supplement Game Division Report No. 2182 which gives estimates of the 1957 gun deer kill and Report No. 2181 which covers the 1957 special seasons.

The estimates given below may be changed slightly when final 1957 license sales figures are available (in July, 1958).

Results of the 1952 to 1956 archery and camp deer kill surveys are included for comparison.

<u>Archery license sales and hunters</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Resident and non-resident archery license sales	29,322	31,266	33,462	37,965	42,368	37,440
Estimated archery hunters	28,530	30,320	32,920	37,200	41,890	36,630
<u>Archery kill estimates</u>						
Region I	160	260	510	550	500	405
Region II	1,630	1,520	1,280	1,660	1,850	1,335
Region III	<u>50</u>	<u>40</u>	<u>20</u>	<u>100</u>	<u>80</u>	<u>40</u>
	1,840	1,820	1,810	2,310	2,430	1,780
<u>Archery hunter success (state-wide)</u>	6.4%	6.0%	5.5%	6.2%	5.8%	4.8%
<u>Archery survey size and returns</u>						
Cards sent	3,100	1,788	1,877	2,038	2,216	1,961
Cards returned	2,881	1,651	1,751	1,941	2,043	1,852
Non-deliverable	106	77	56	50	57	48
Non-response	113	60	70	47	116	61
Percent return of delivered cards	96.2%	96.5%	96.2%	97.6%	94.6%	97.5%
<u>Camp kill data</u>						
Camp kill estimates (state-wide)	470	550	480	400	440	170
Camp permit sales	1,399	1,042	1,045	864	908	370

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