

# Mule Deer Harvest Statistics





## Keep in Mind...

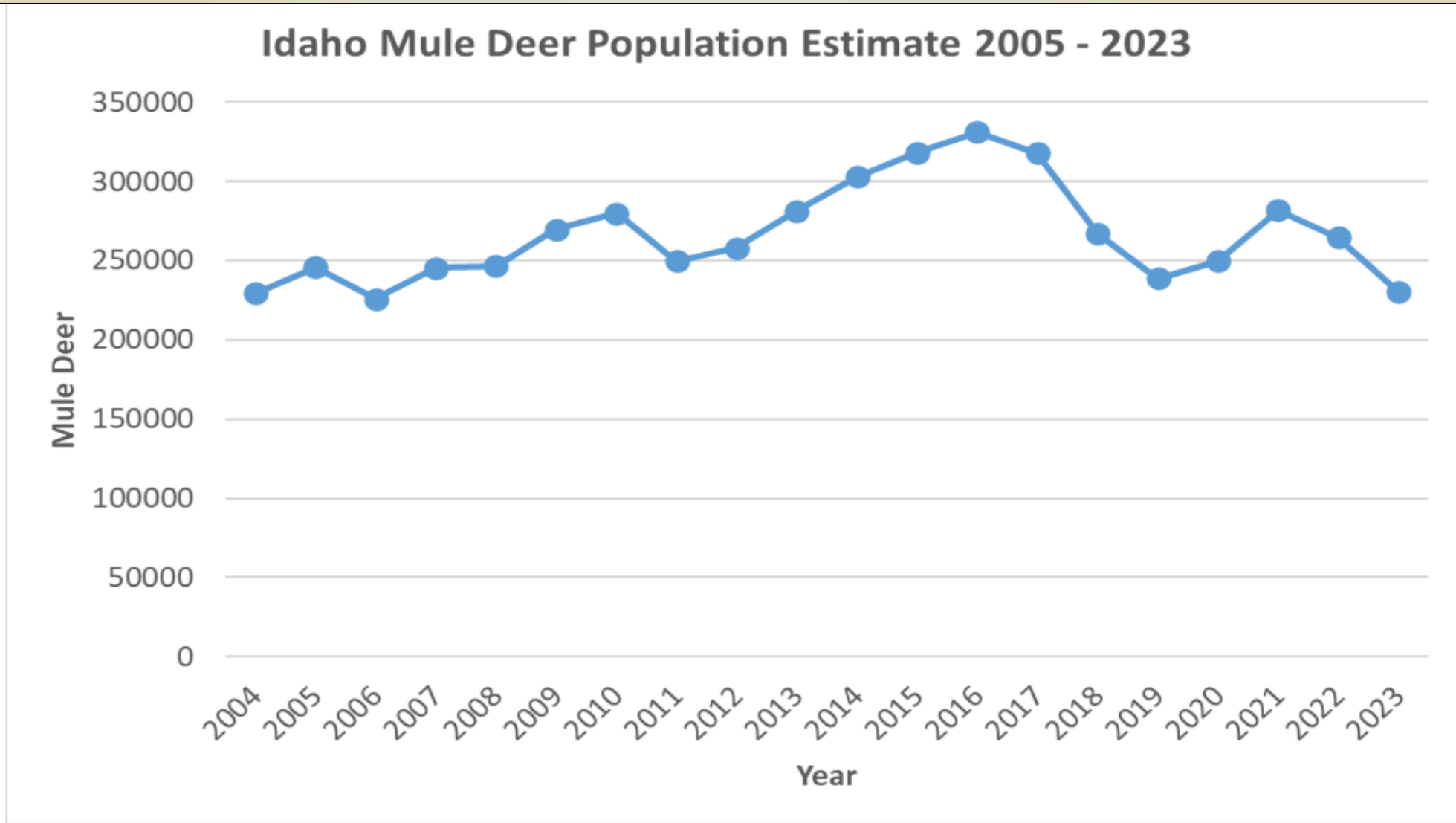
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- Nuance in numbers
- Hunter behavior matters
- Timing of hunts matter



**Statewide**

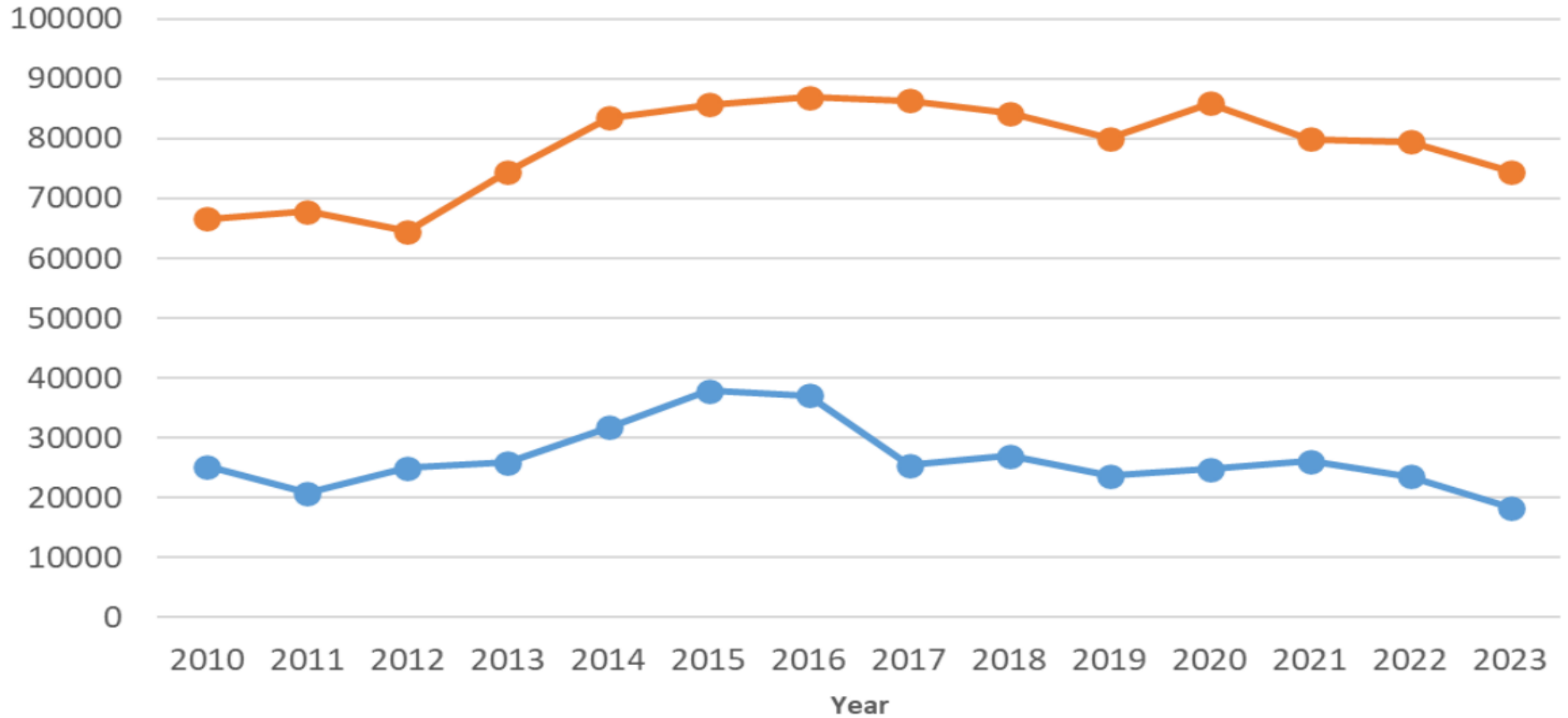




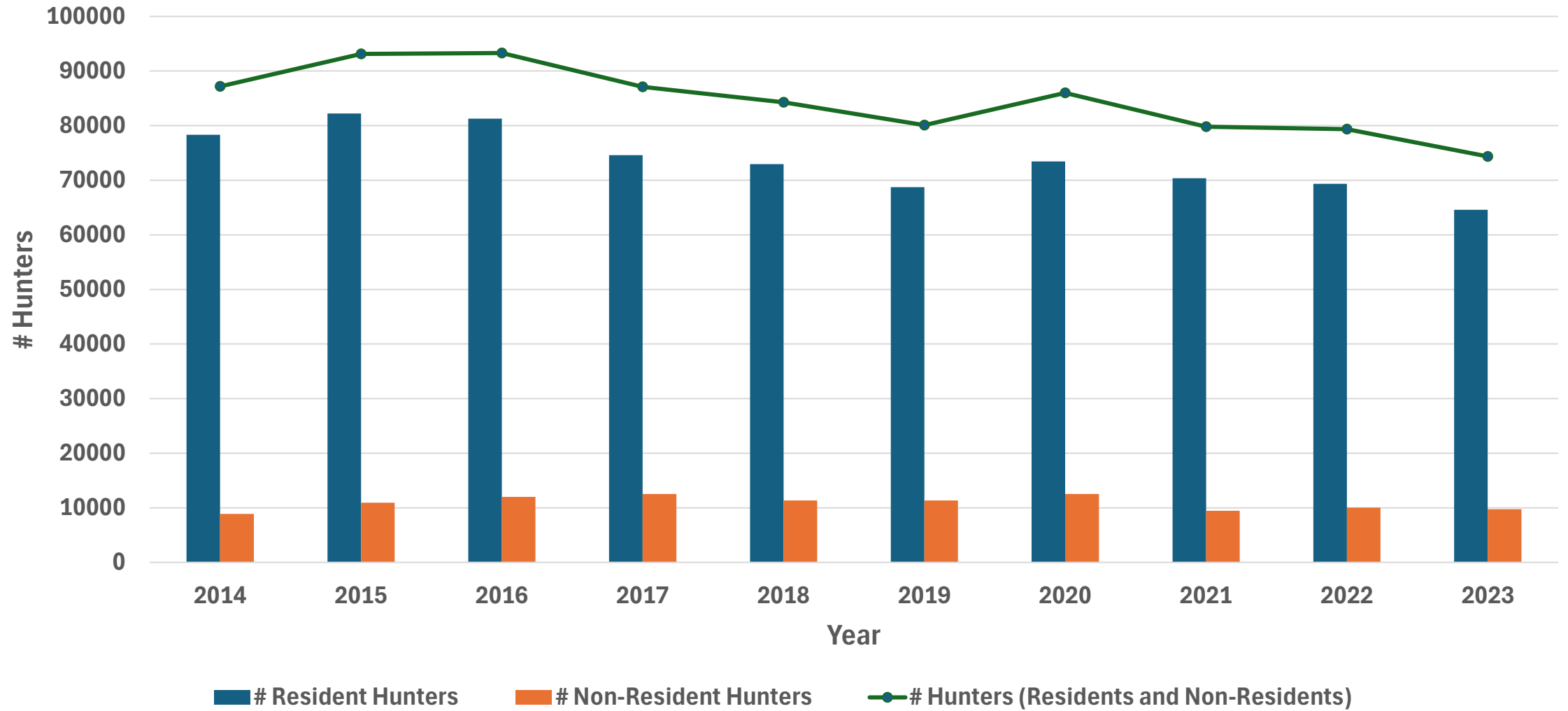
*Figure 1. Mule deer population estimates from the Salmon River drainage south. Estimates are midpoint of confidence limits based on an integrated population model.*

## Idaho Mule Deer Harvest and Hunters 2010 - 2023

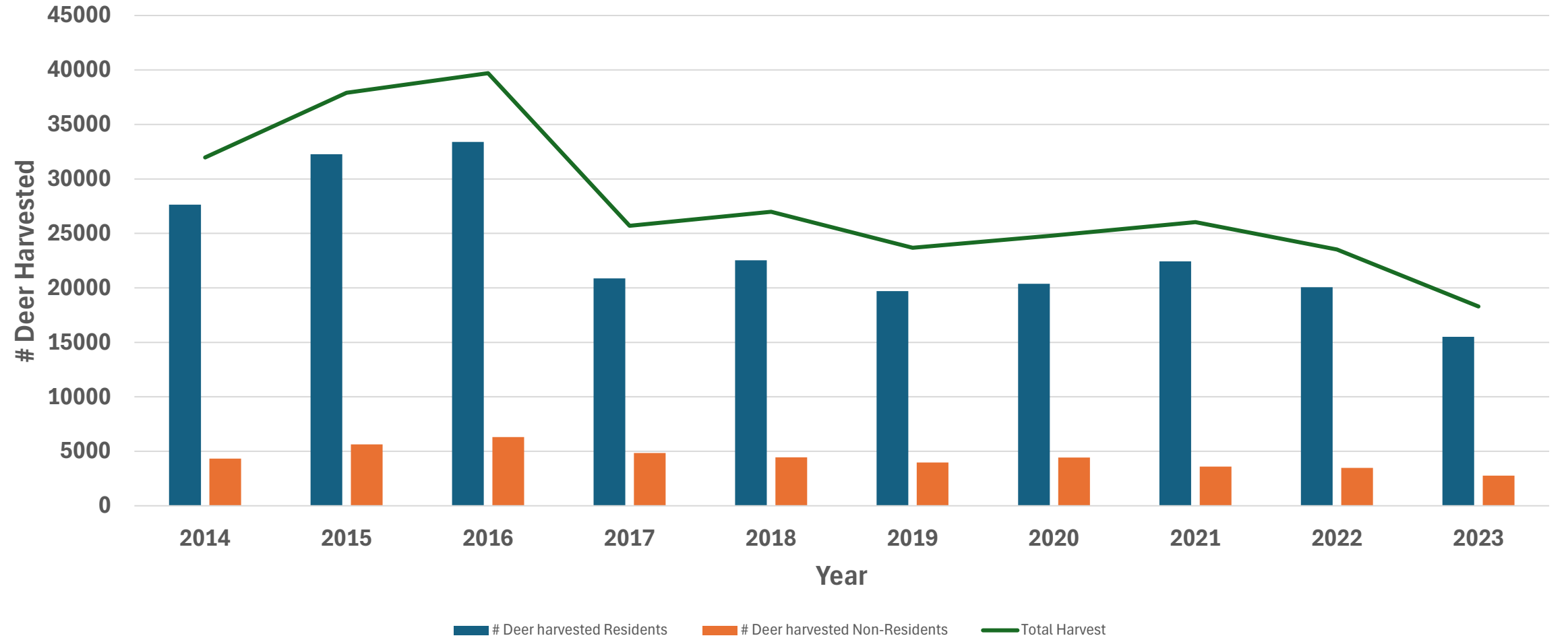
Harvest Hunters



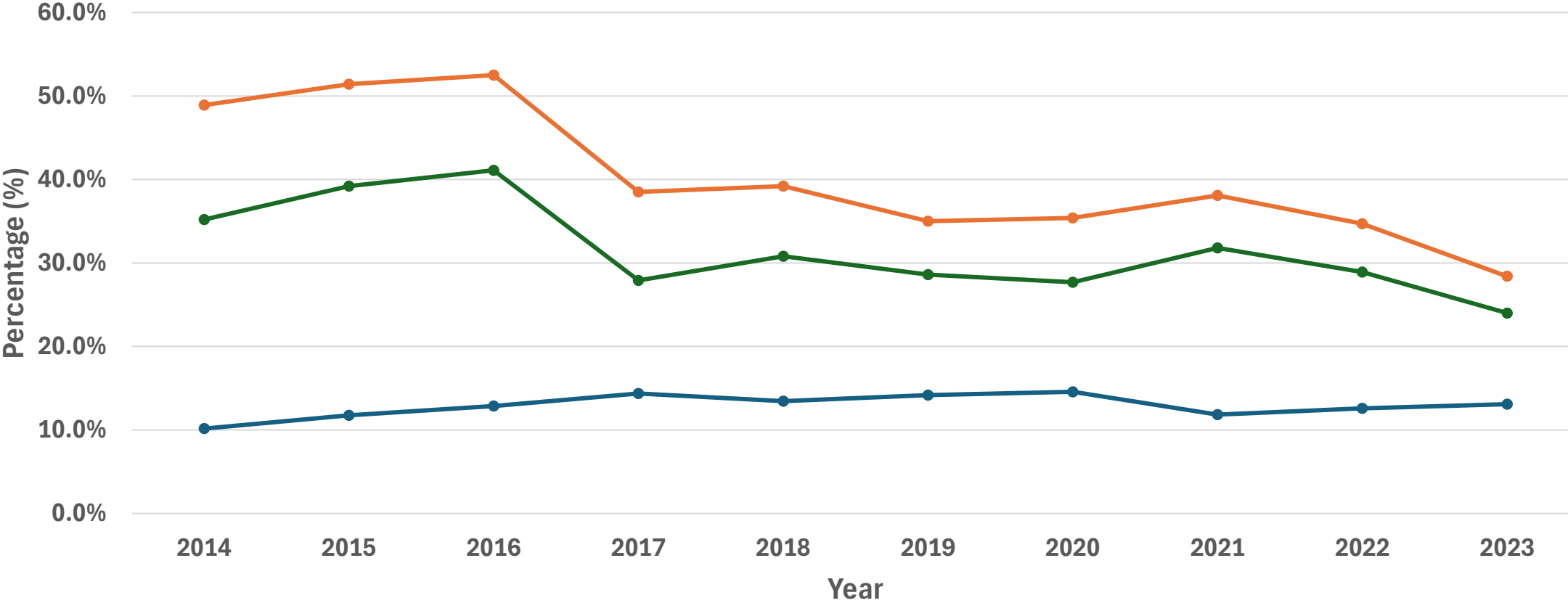
# Resident vs. Non-Resident Hunters



# Deer Harvested Residents vs Non-Residents



# Residents vs. Non-Residents Success Rates




● % non residents    ● % success non residents    ● % success residents




## Average # Days Hunted per Hunter



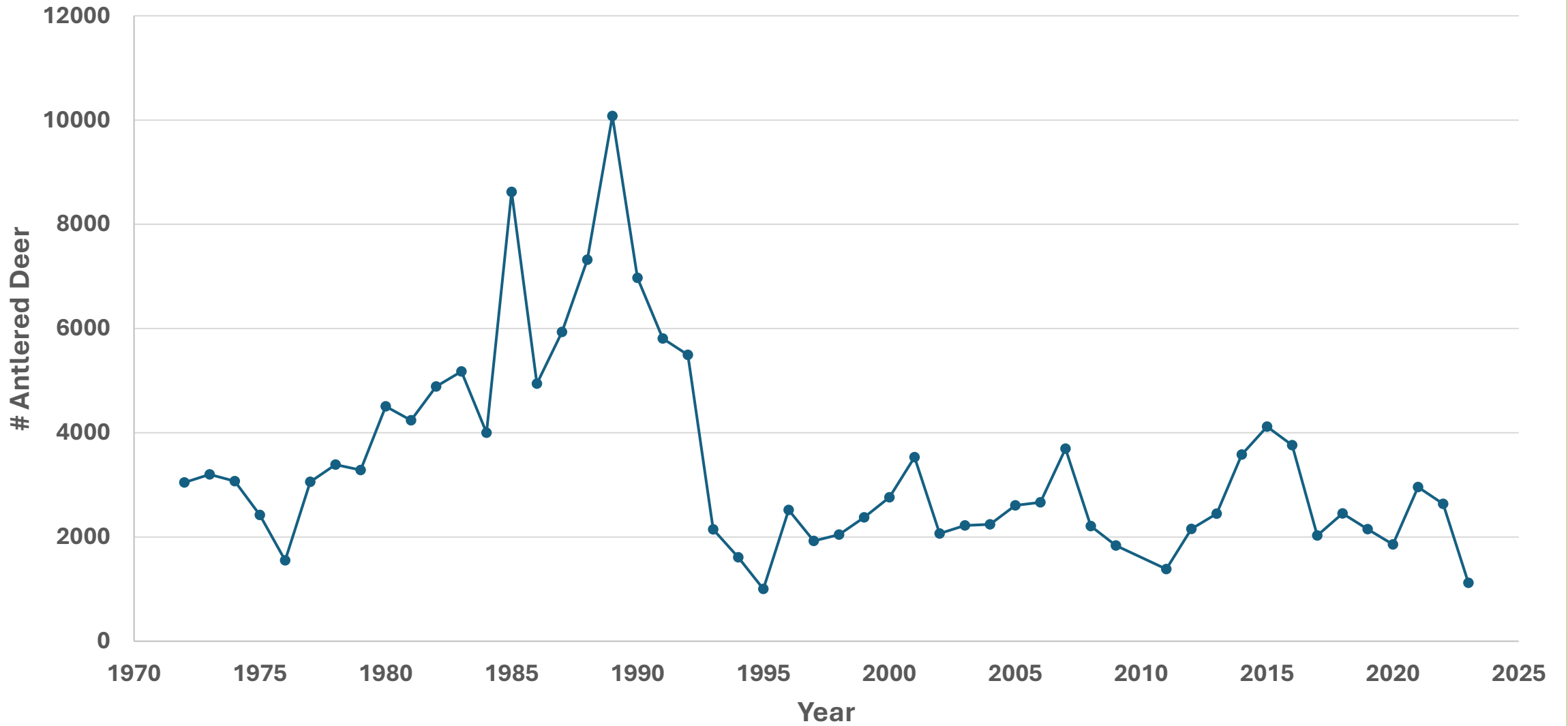


<b>State</b>	<b>Estimated Population</b>	<b>Total Harvest</b>	<b>% Males in Harvest</b>	<b>Hunter Numbers</b>	<b>Exploitation</b>
Idaho	230,300	18,329	83%	74,503	8.0%
Colorado	375,700	31,590	81%	77,692	8.4%
Montana	255,989	41,233	82%	144,351	16.1%
Utah	279,000	20,366	94%	72,840	7.3%
Wyoming	216,000	13,572	93%	32,633	6.3%



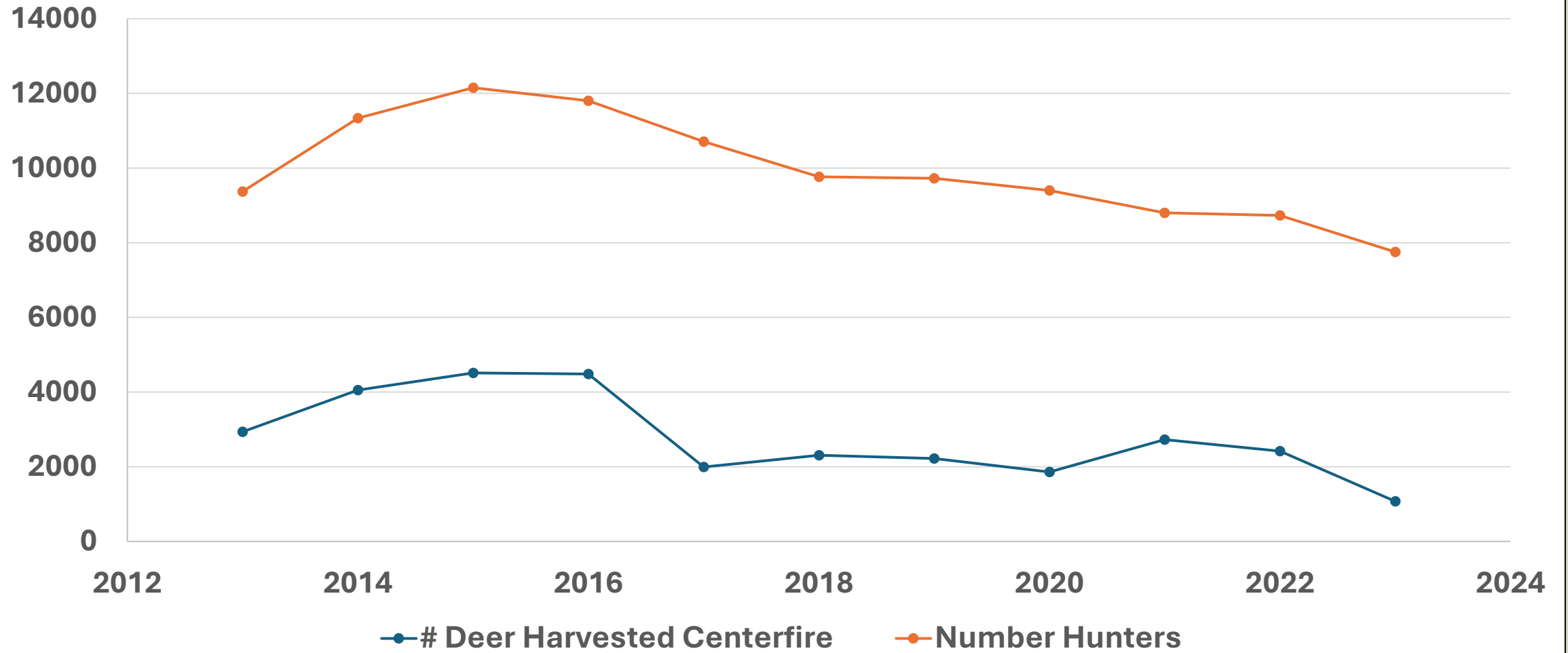
**Southeast Idaho**

# SE Idaho Antlered Harvest

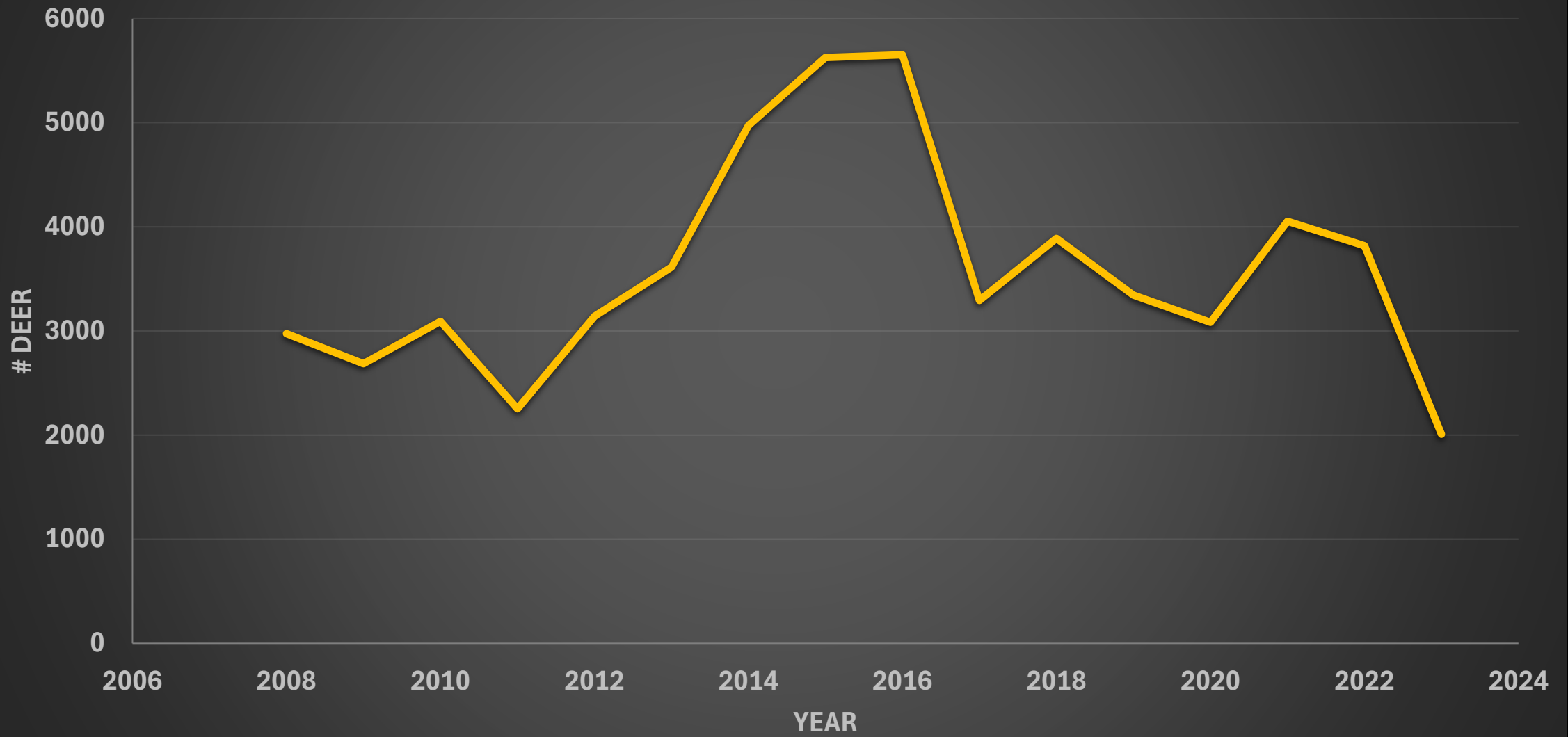




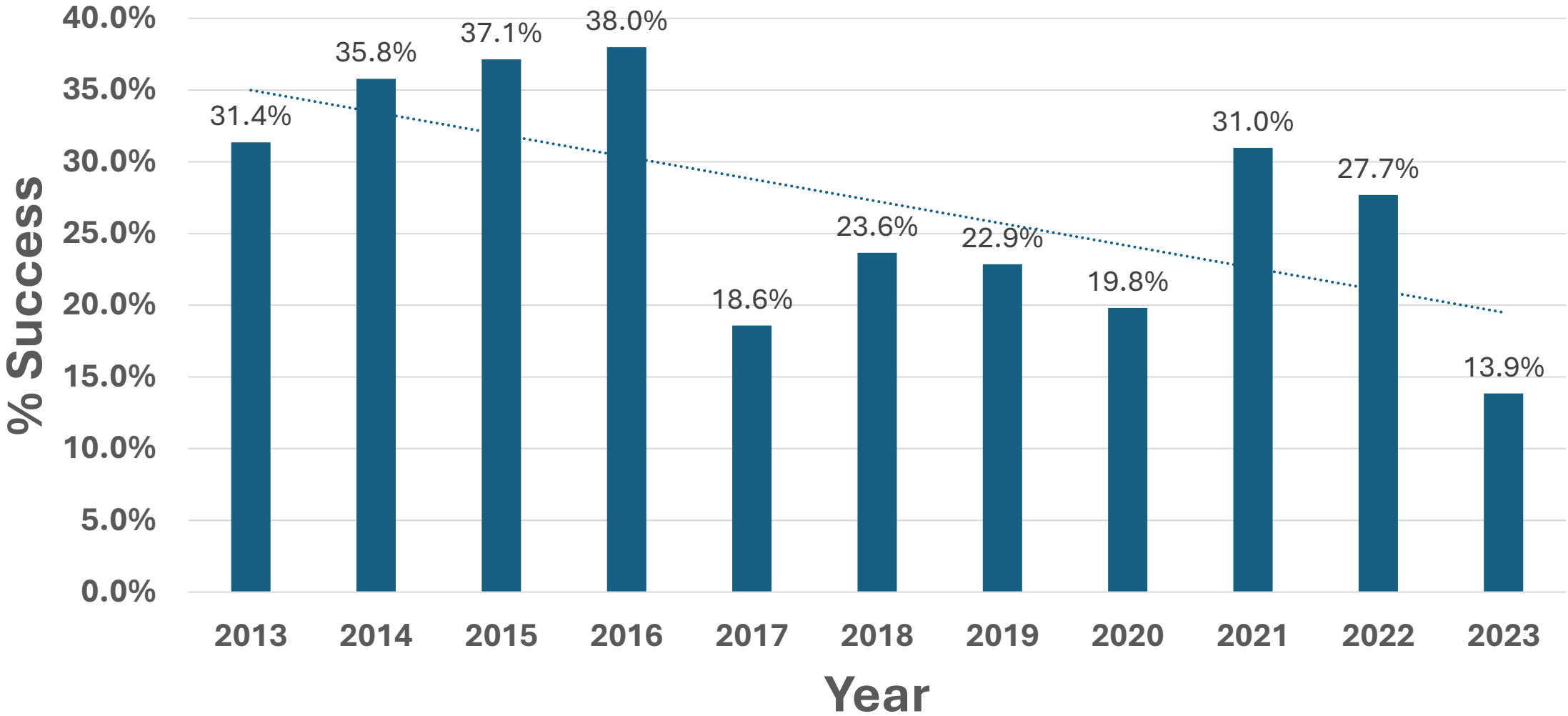
## General Deer Harvest (Any Weapon) vs # Hunters



# Southeast Idaho Antlered Harvest



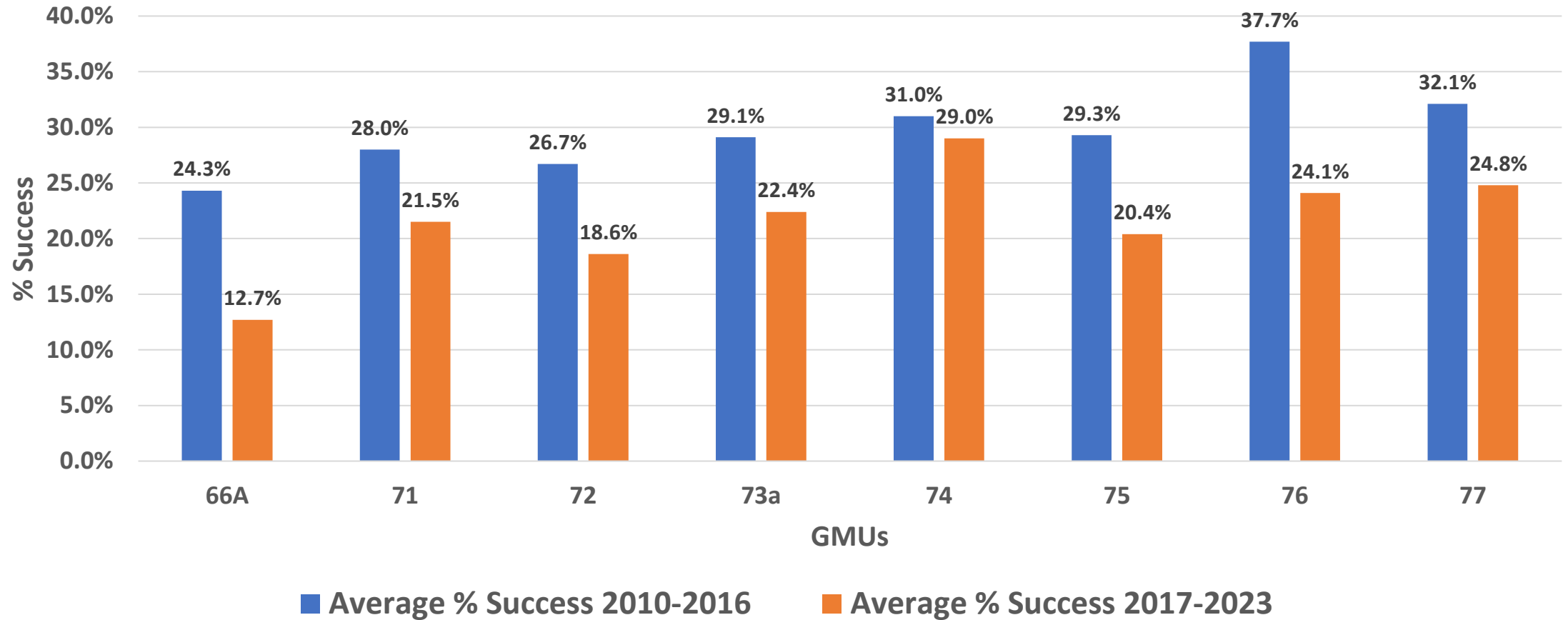
# Success rates



**Average Success 2010-2016 (SE General Hunts) = 29.8%**

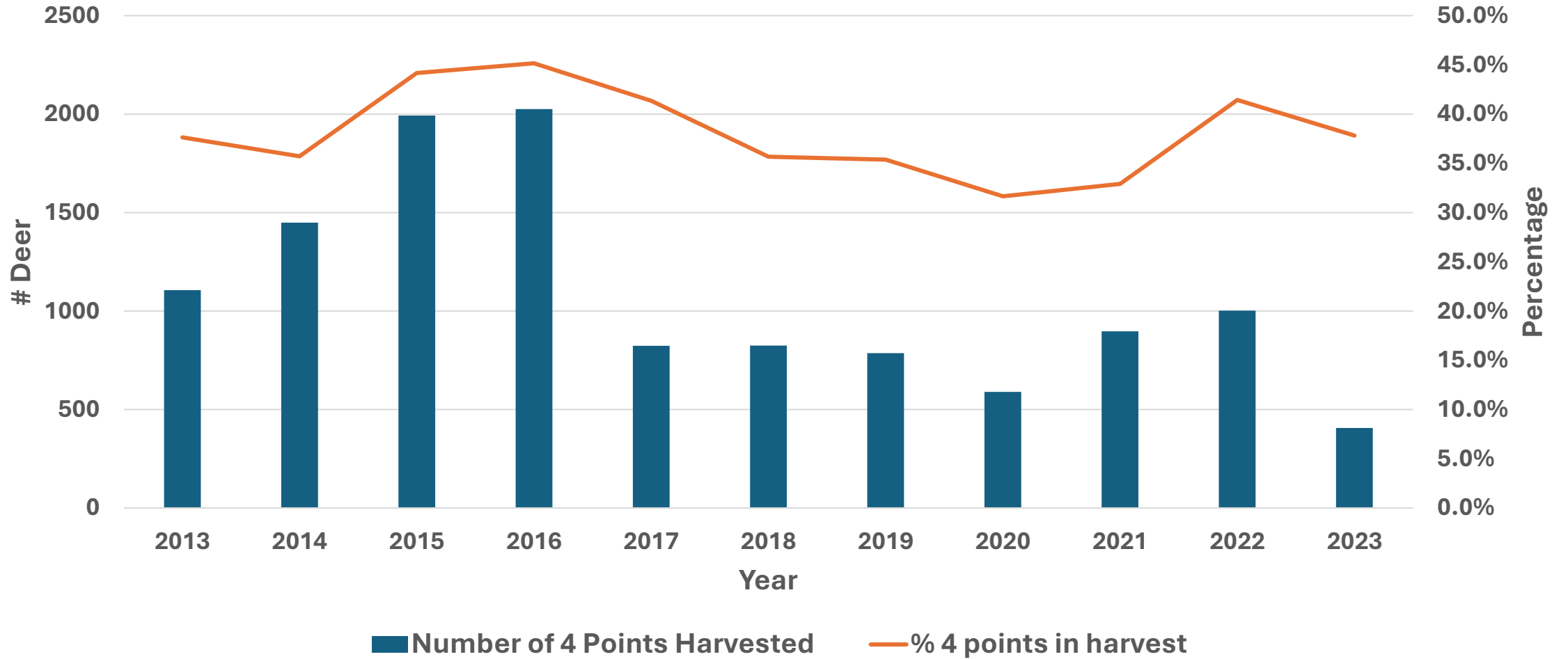
**Average Success 2017-2023 (SE General Hunts) = 21.7%**

### Average Harvest Success (General Any Weapon) 2010-2023





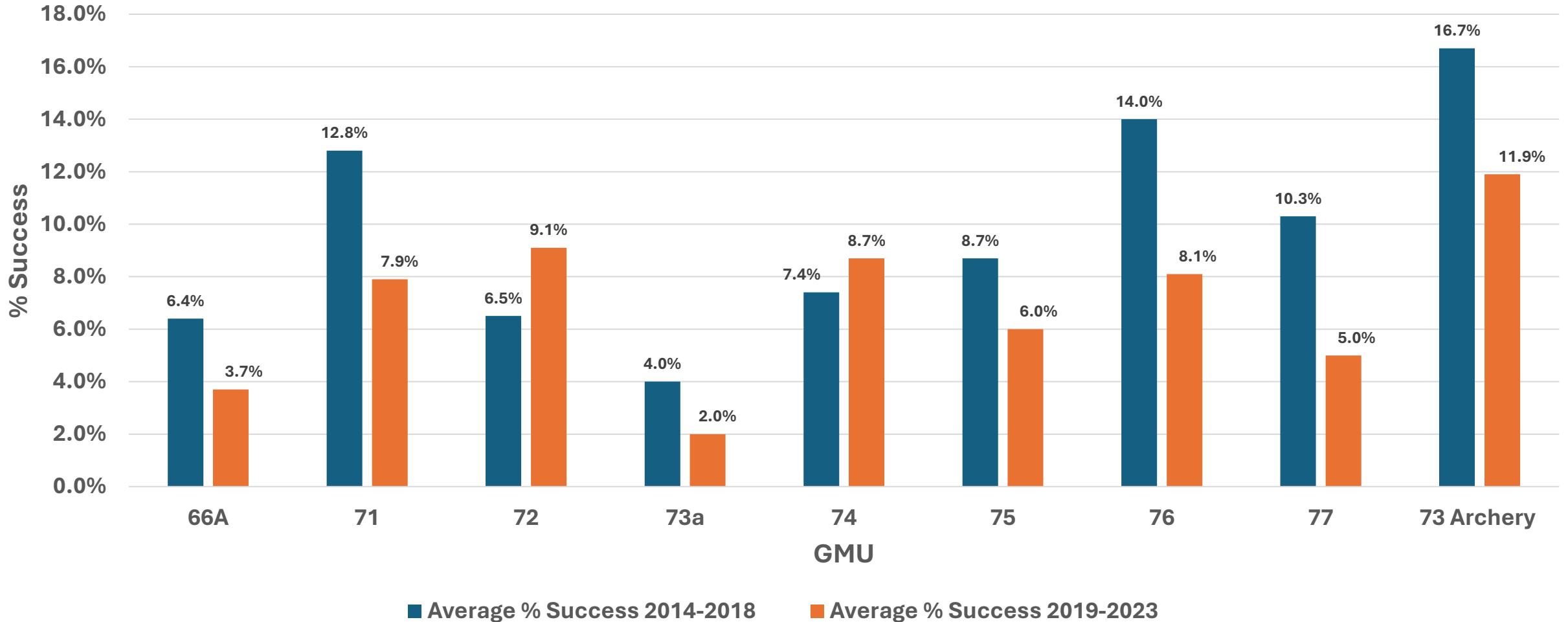
# # and % of 4-points in Harvest SE Idaho General Any Weapon



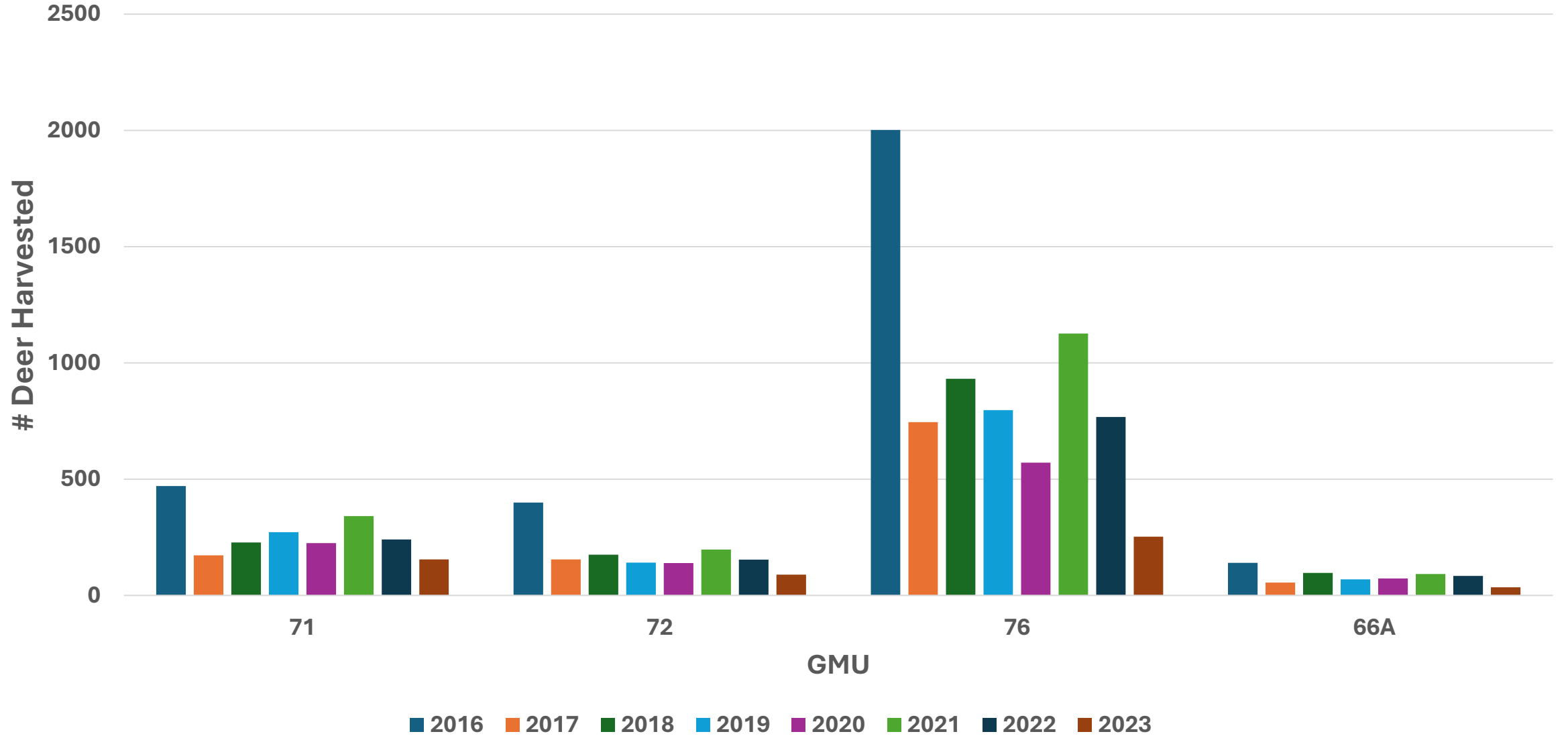
Average Success 2014-2018 All GMUs = 9.6%

Average Success 2019-2023 All GMUs = 6.9%

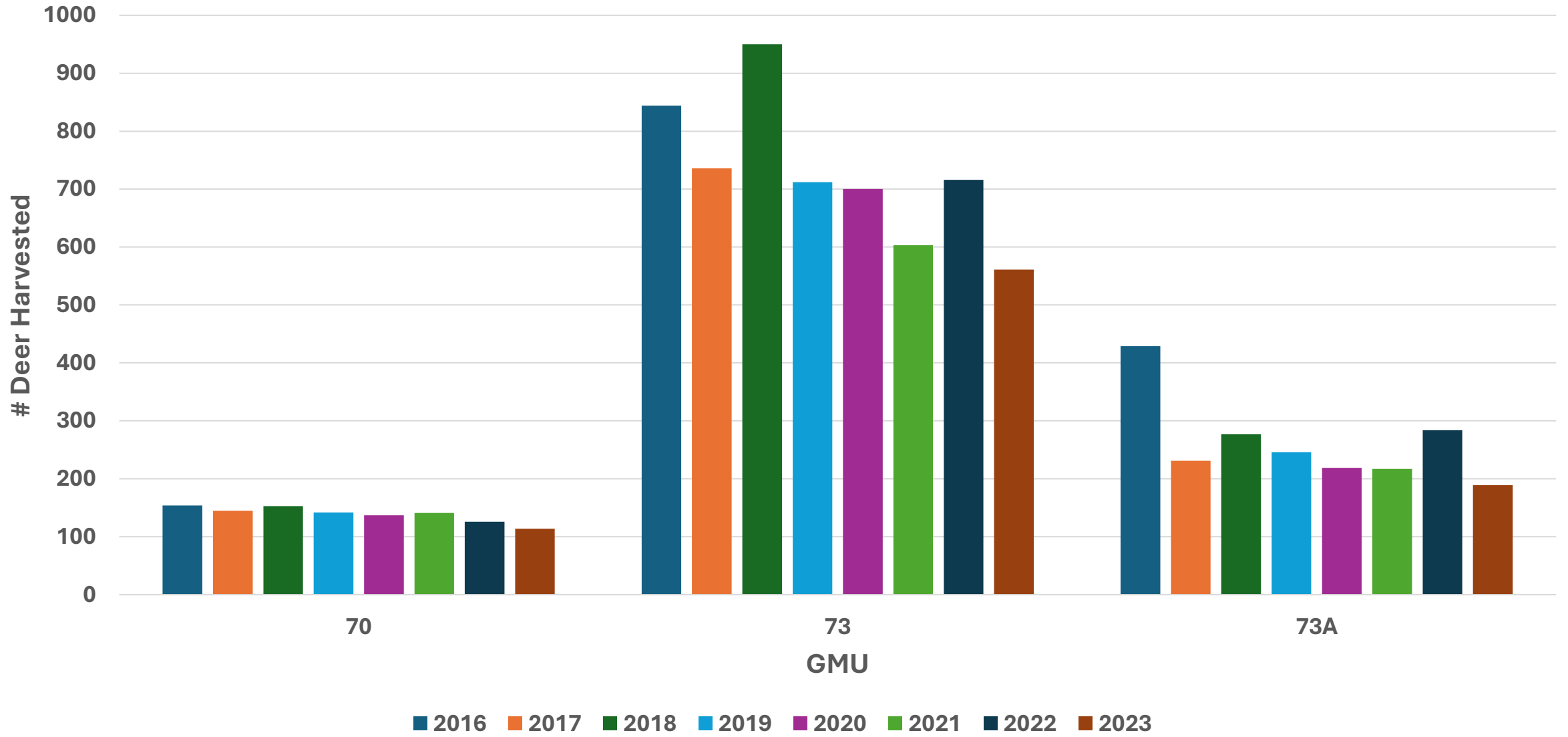
### Average Harvest Success (General Archery)



# Caribou Harvest

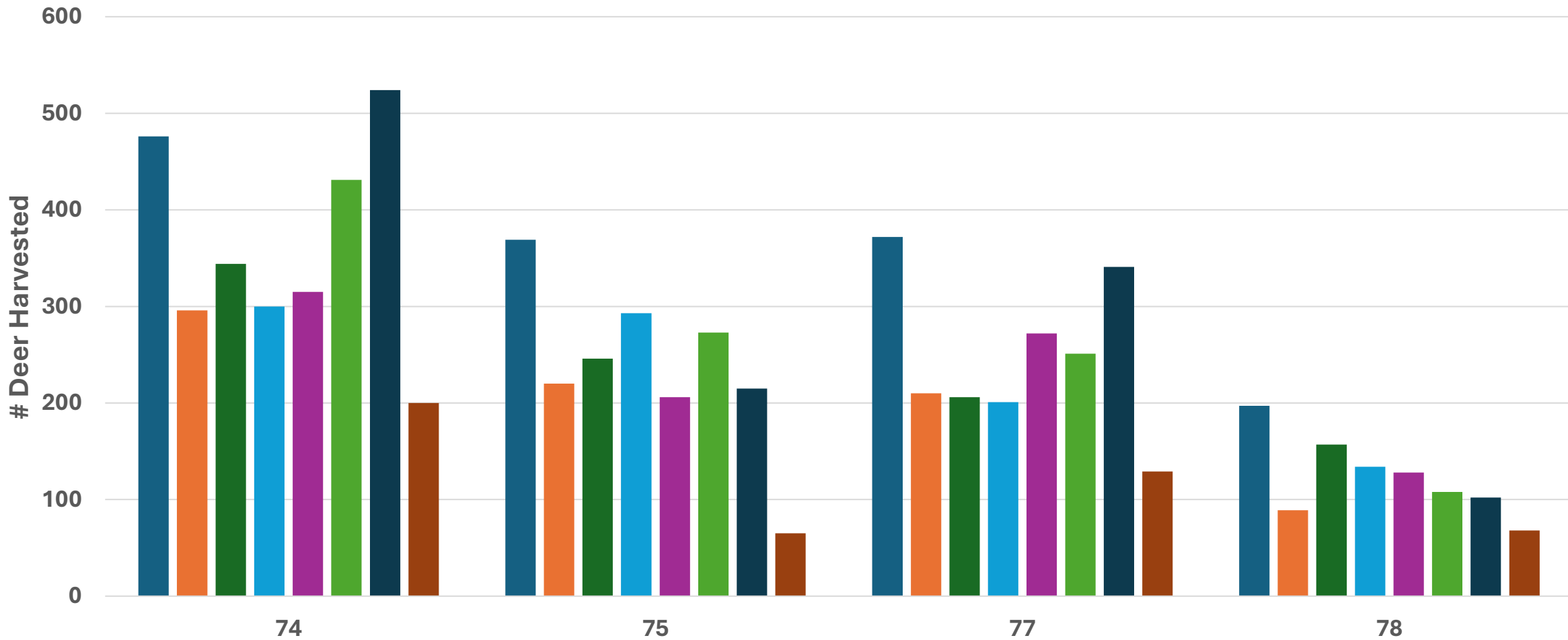


# Bannock Antlered Harvest





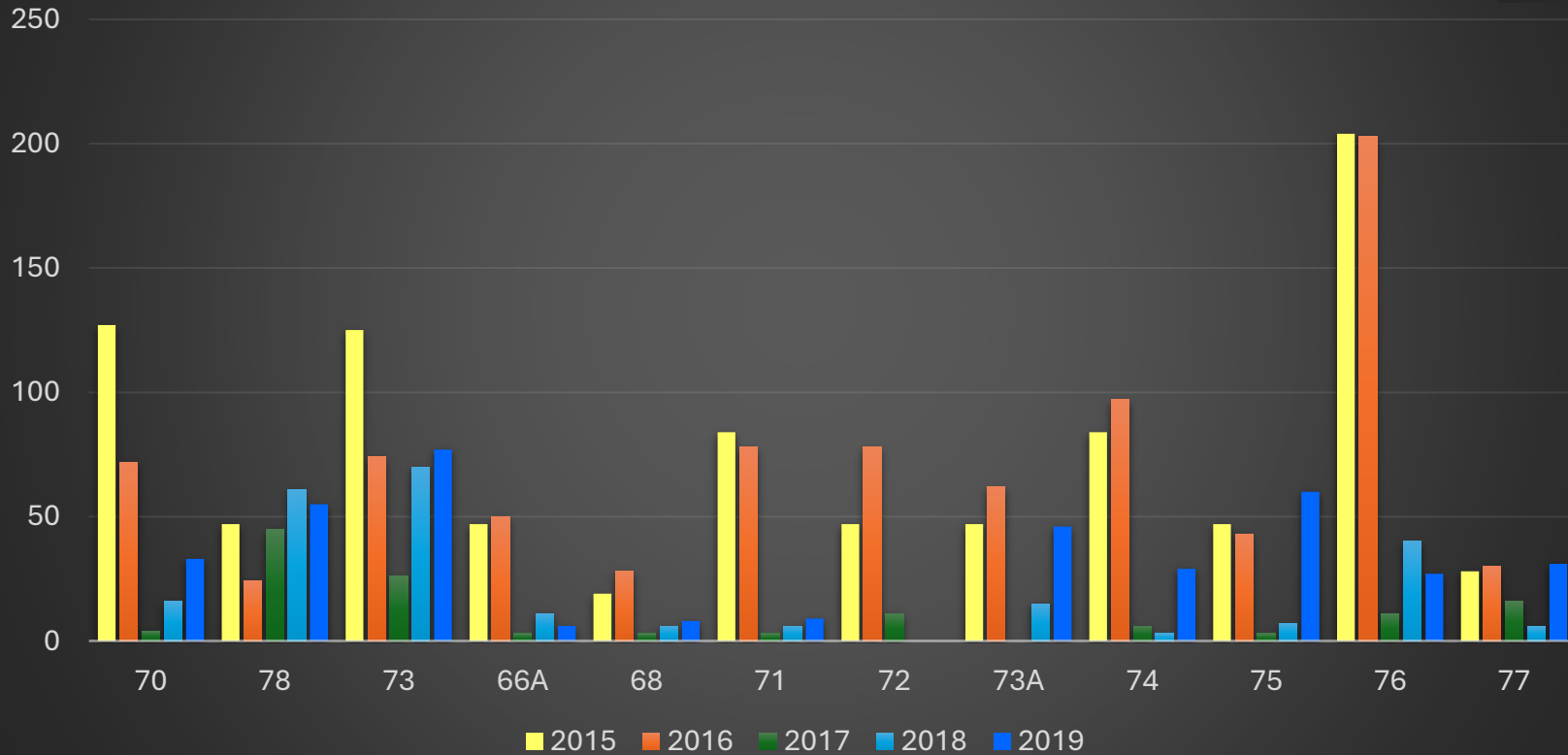
# Portneuf Deer Harvest



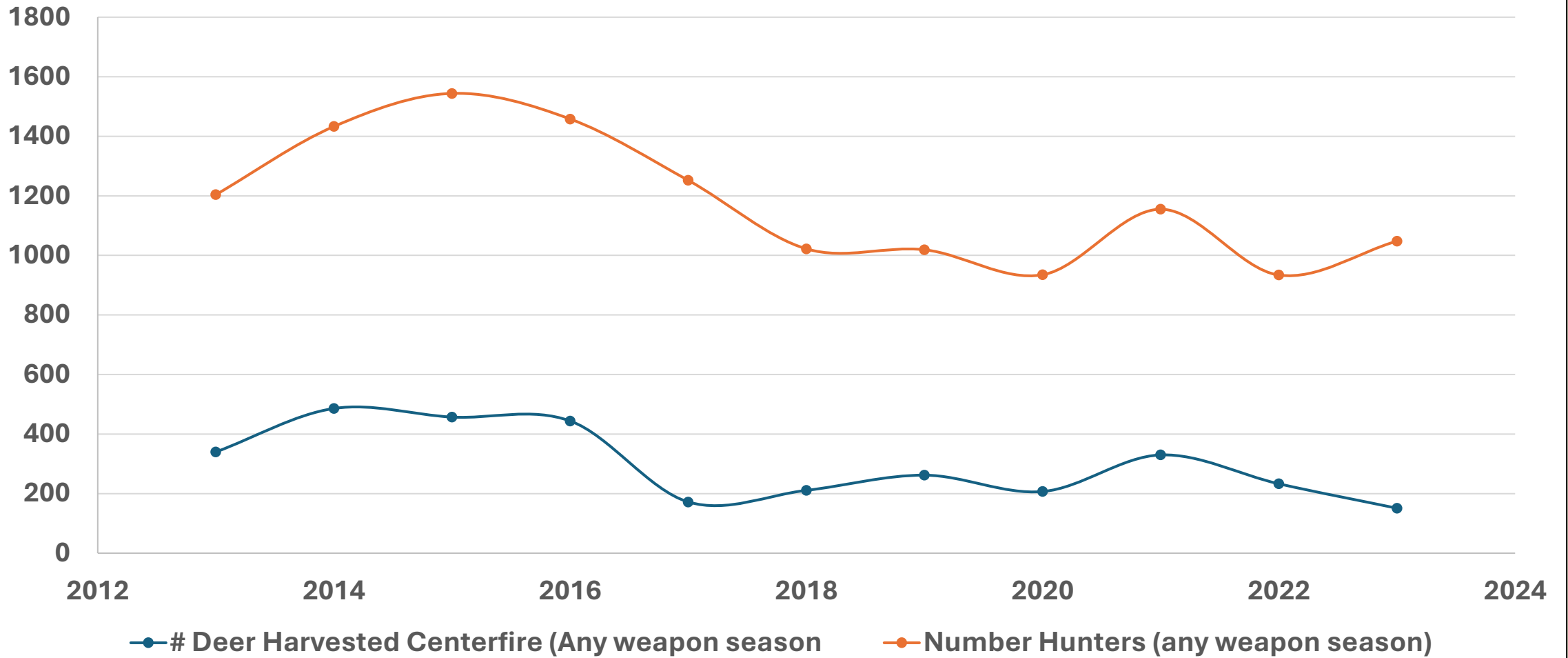
■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020 ■ 2021 ■ 2022 ■ 2023

# Antlerless Harvest

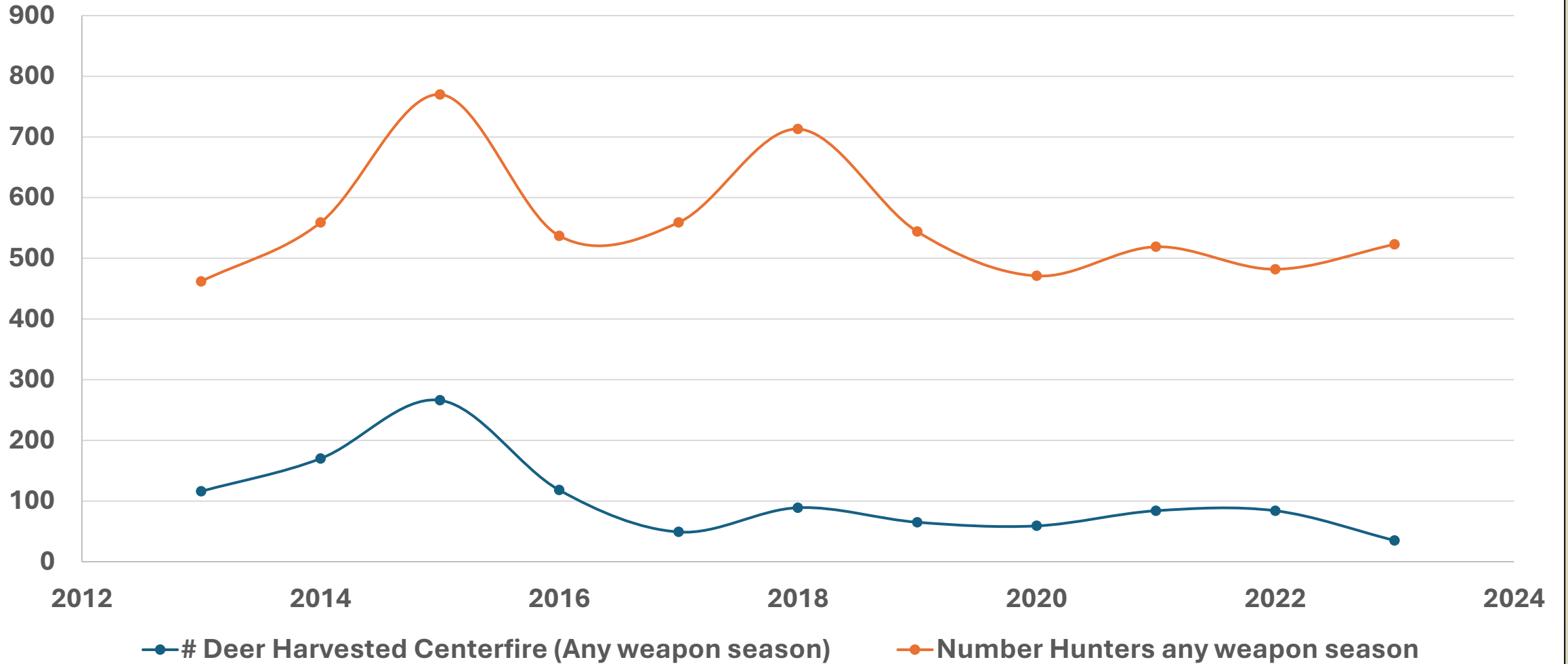
## Antlerless Mule Deer Harvest – Southeast Region



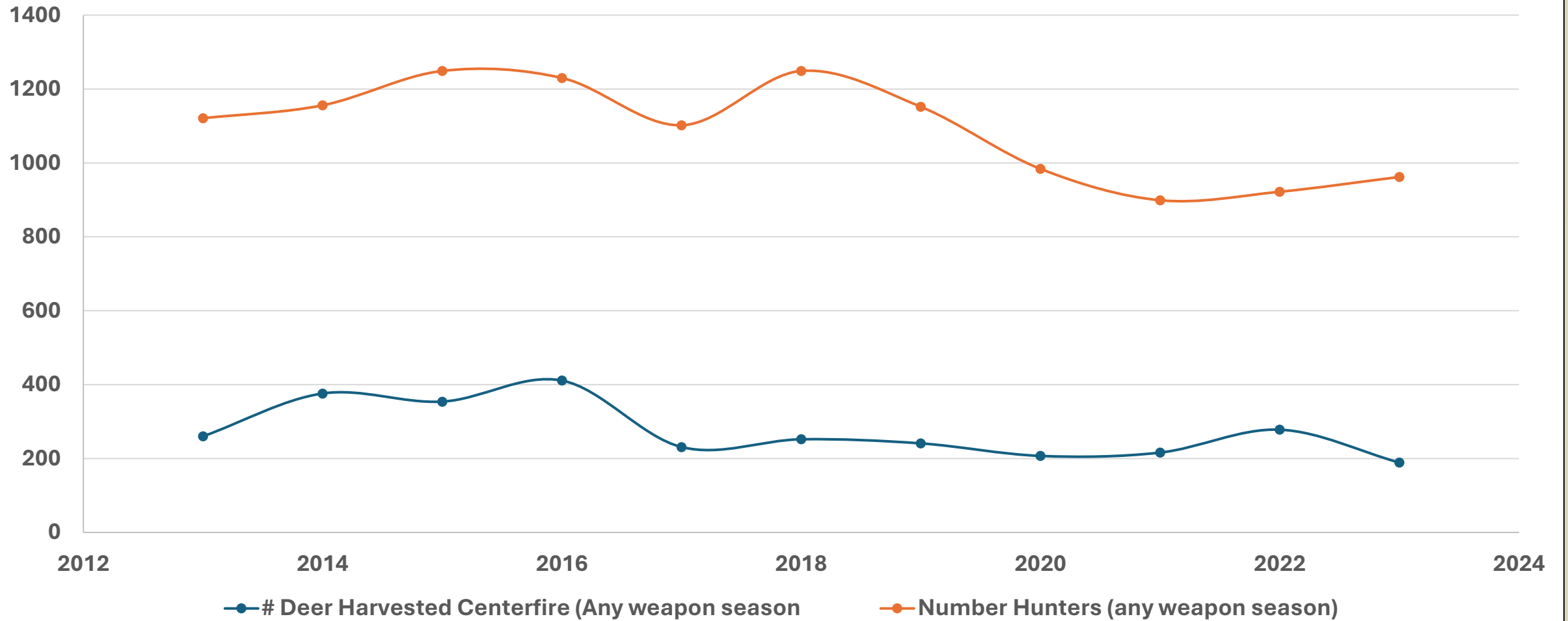
71



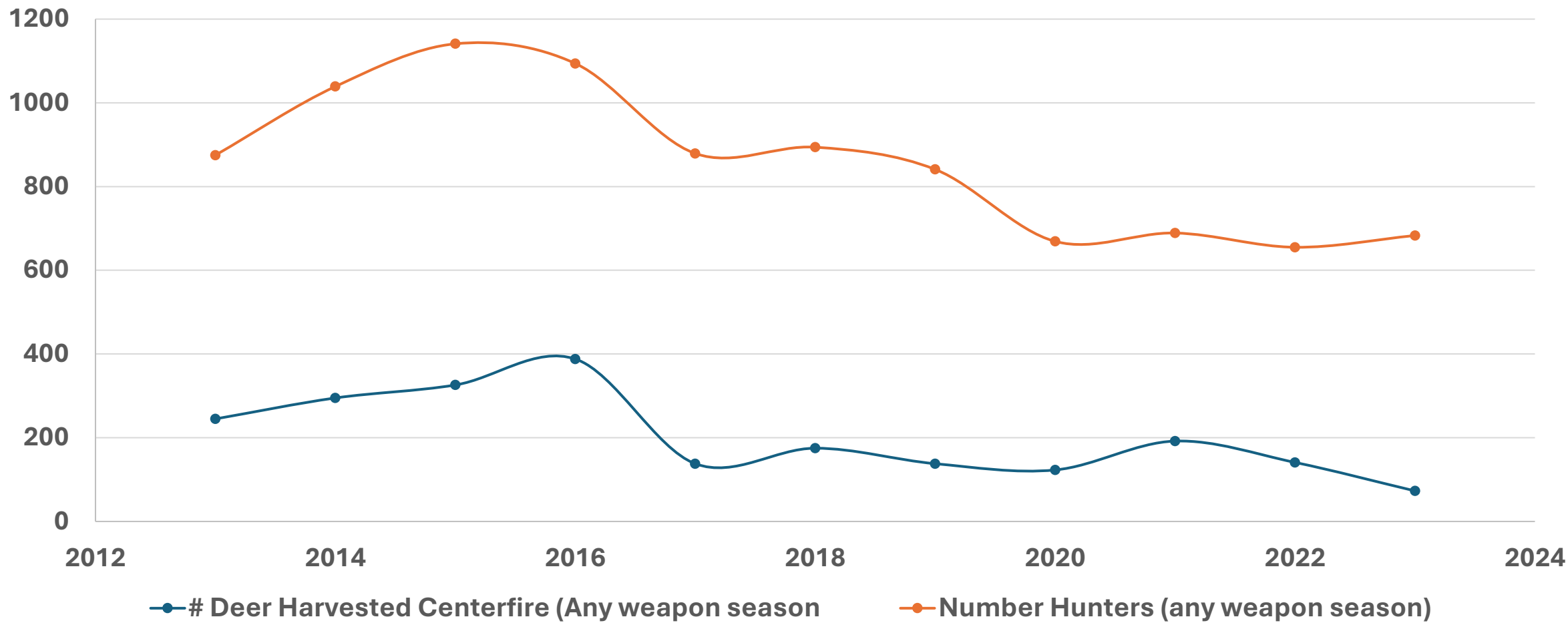
# 66A



# 73A

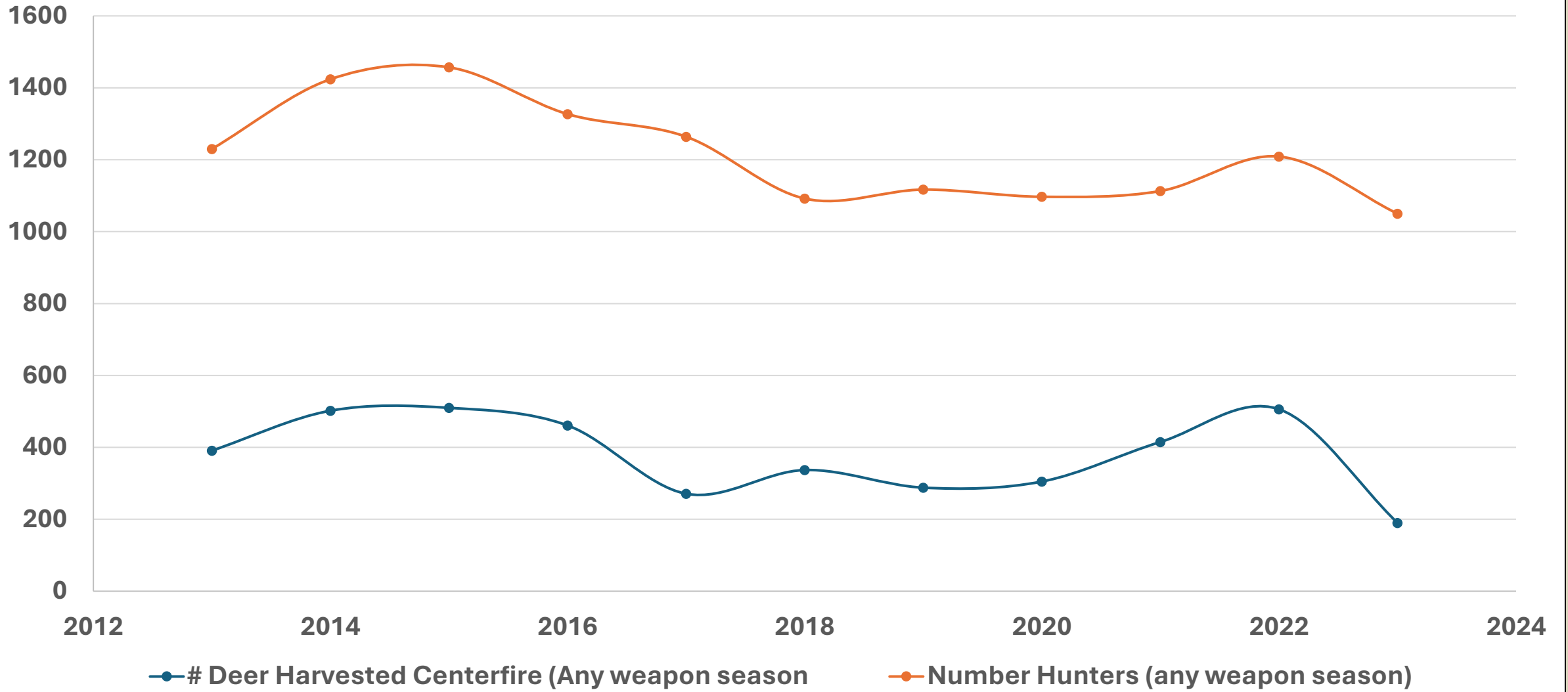


72

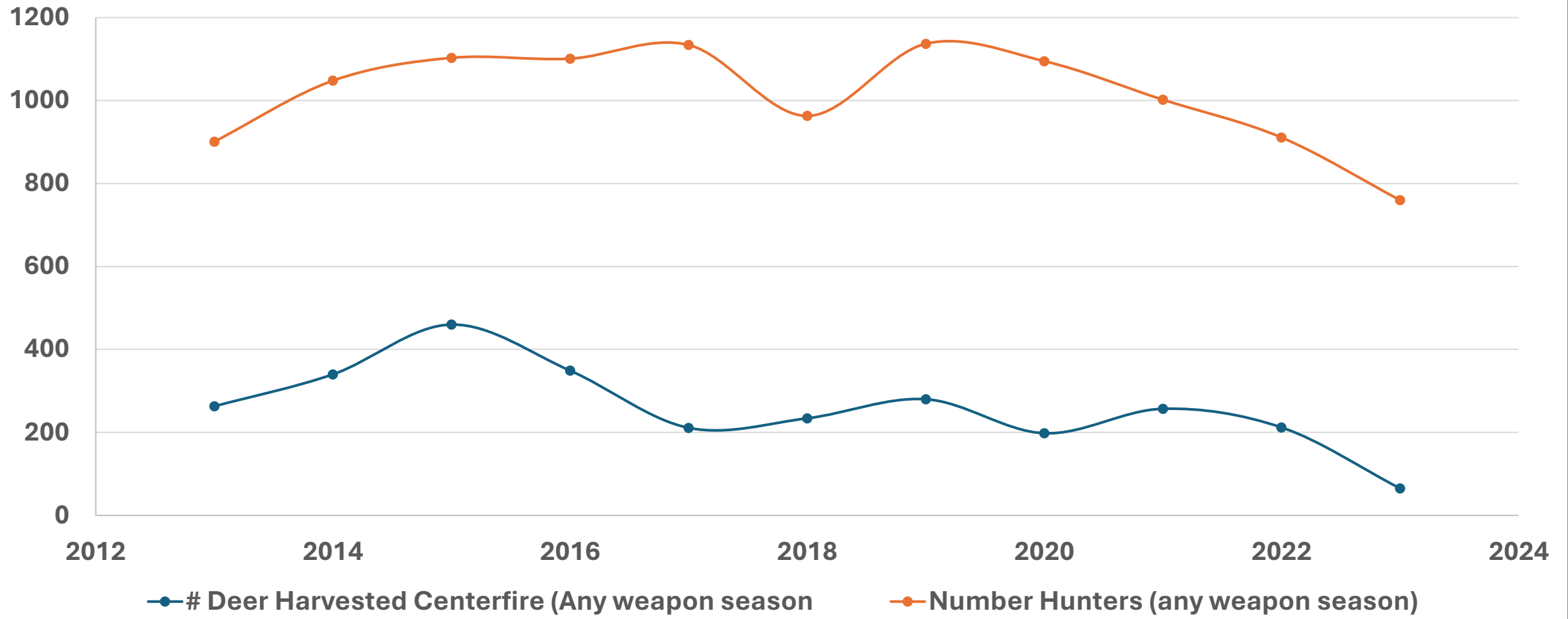




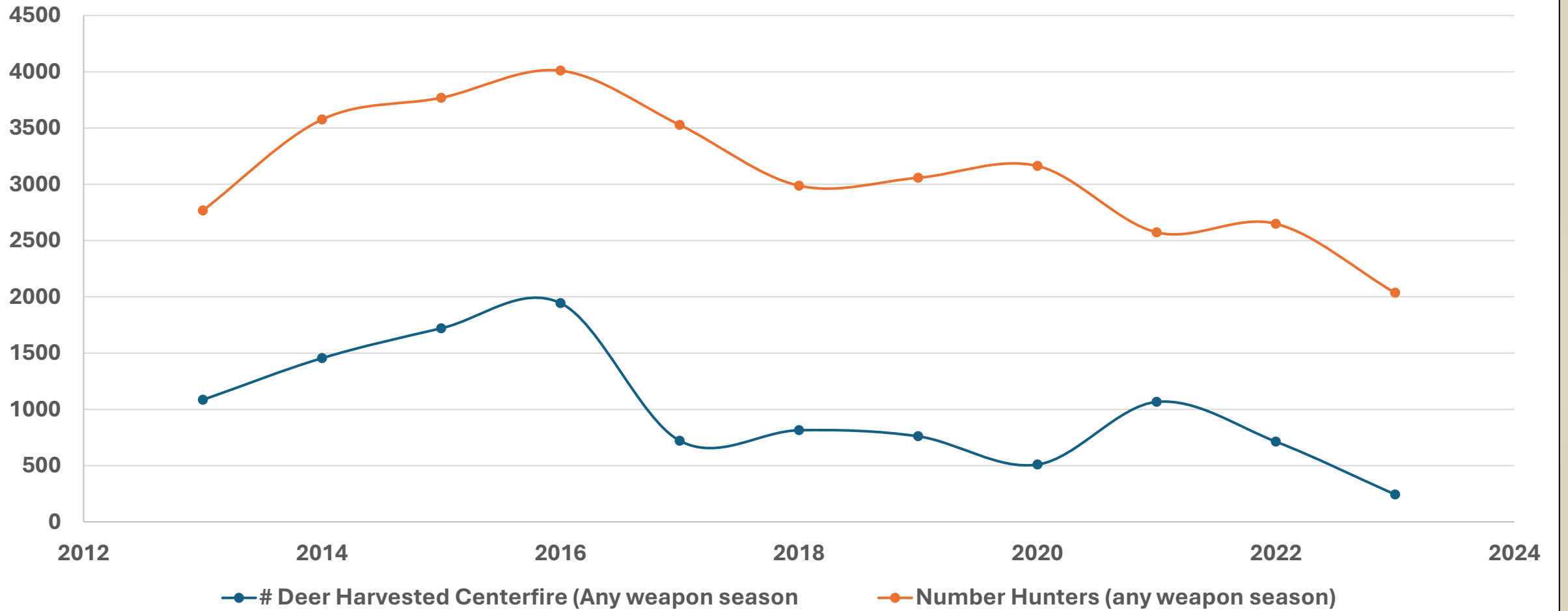
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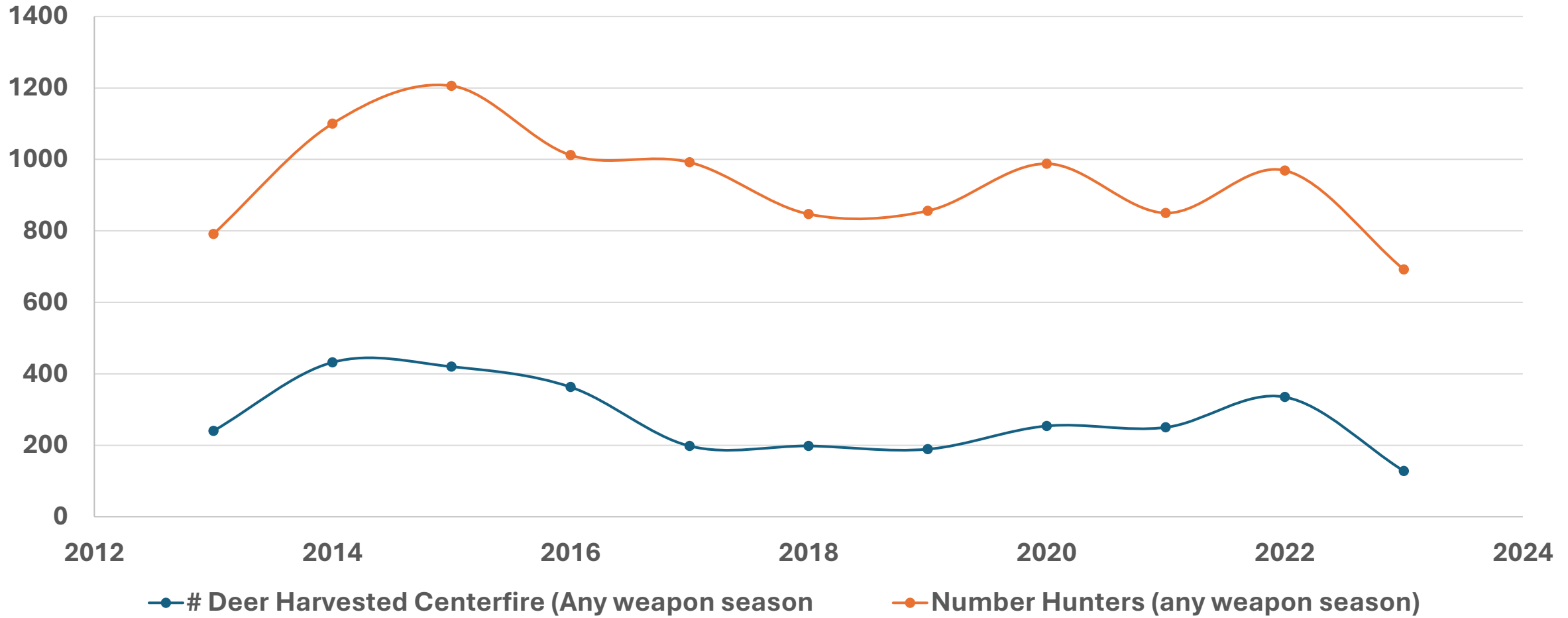
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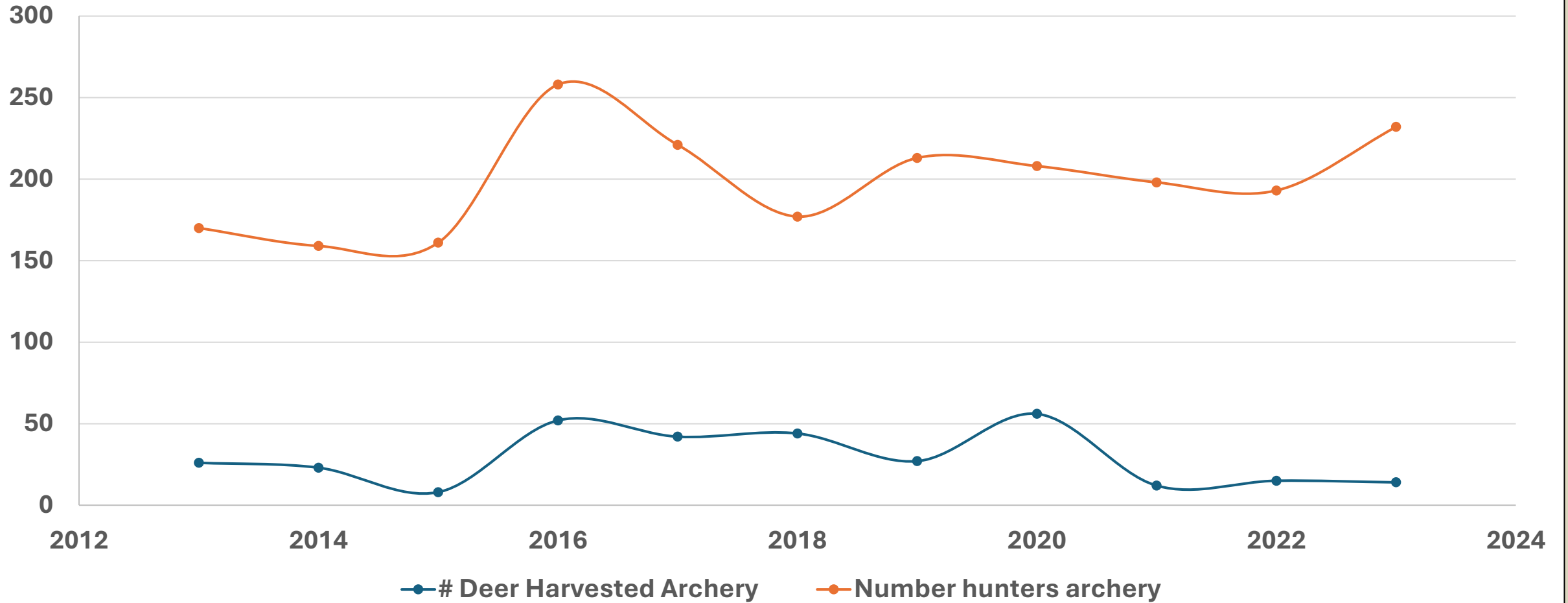
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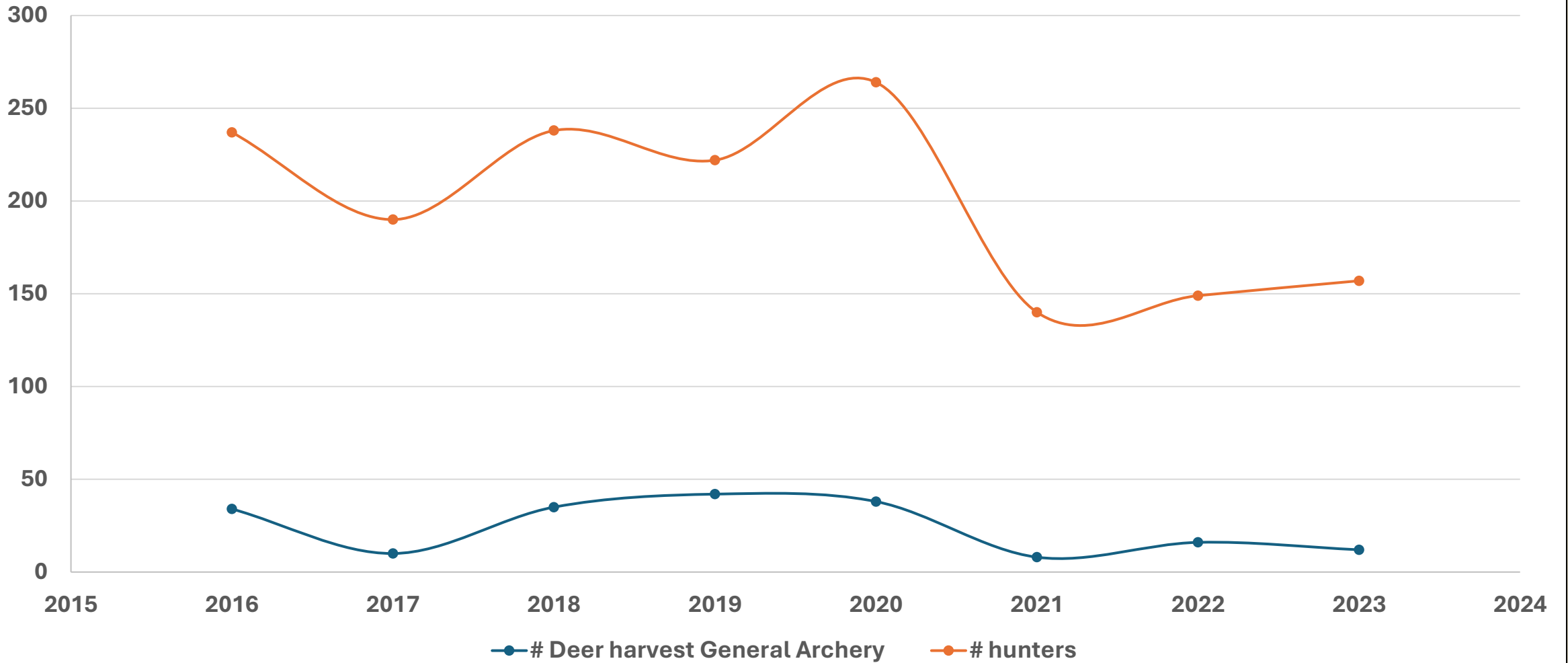
77



# 73 Archery



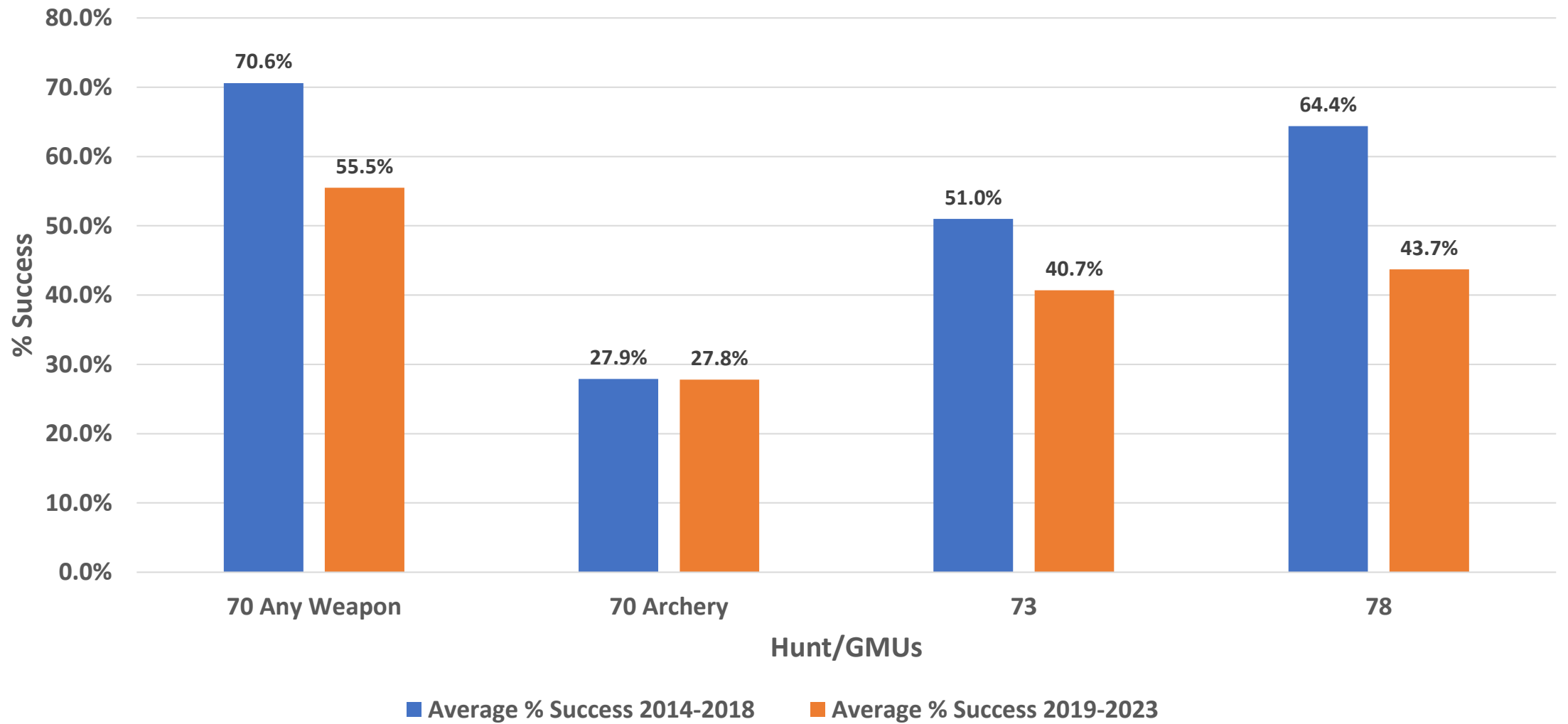
# Unit 78 Archery





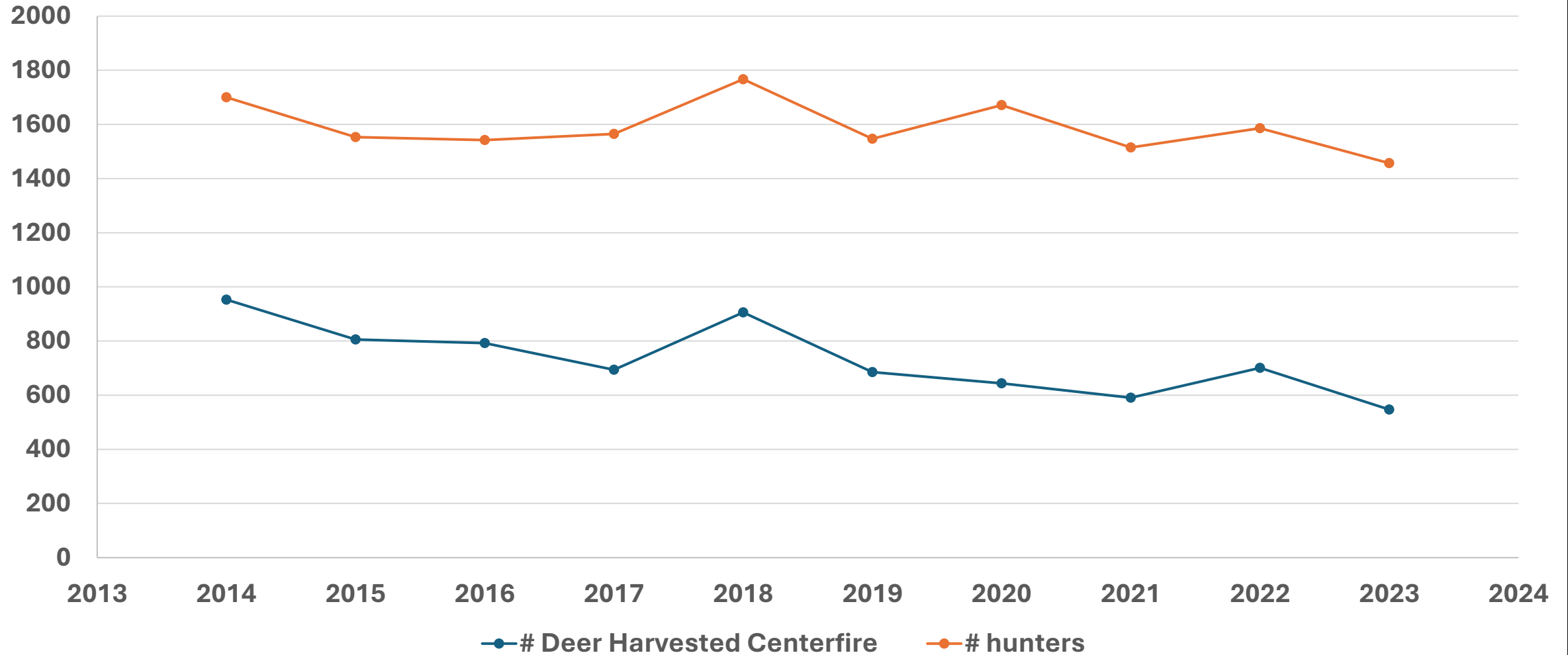
# **IDAHO CONTROLLED HUNTS**

# Controlled Hunt Success Rates





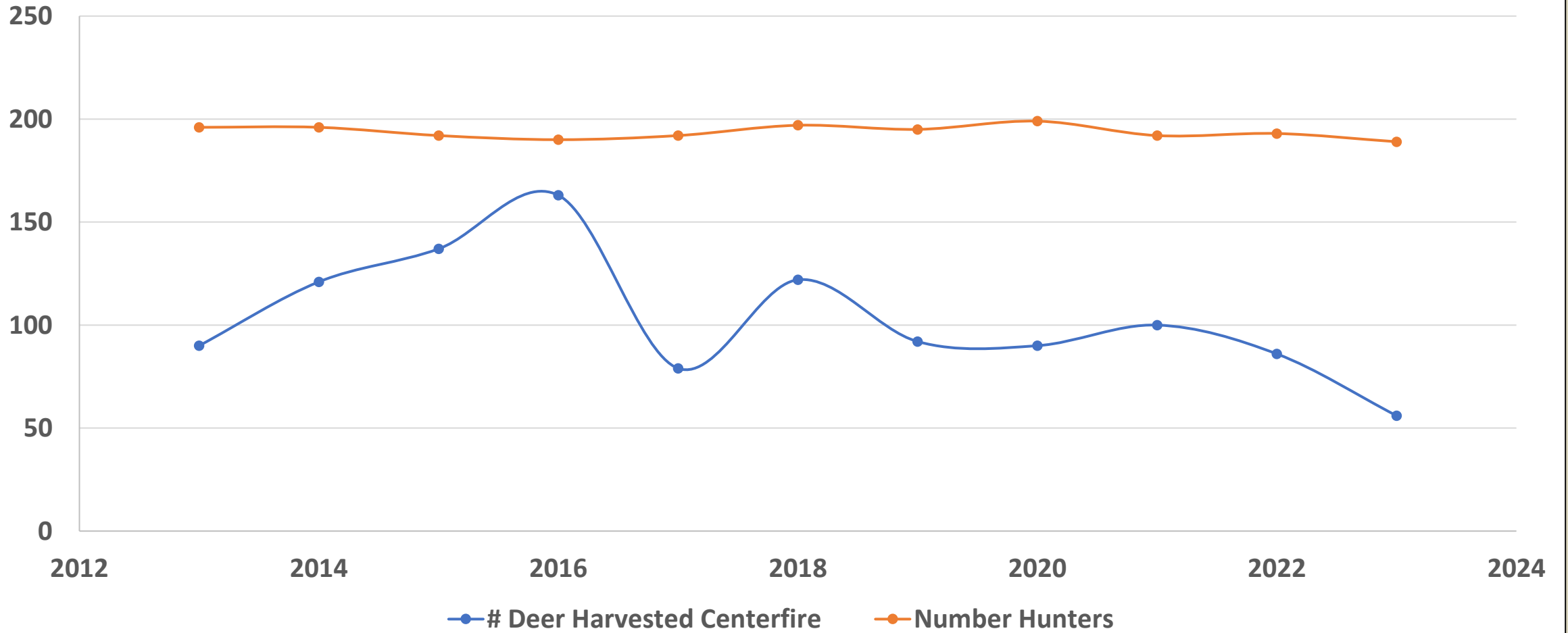
# Unit 73



2014-2018 success: 51.0%

2019-2023 success: 40.7%

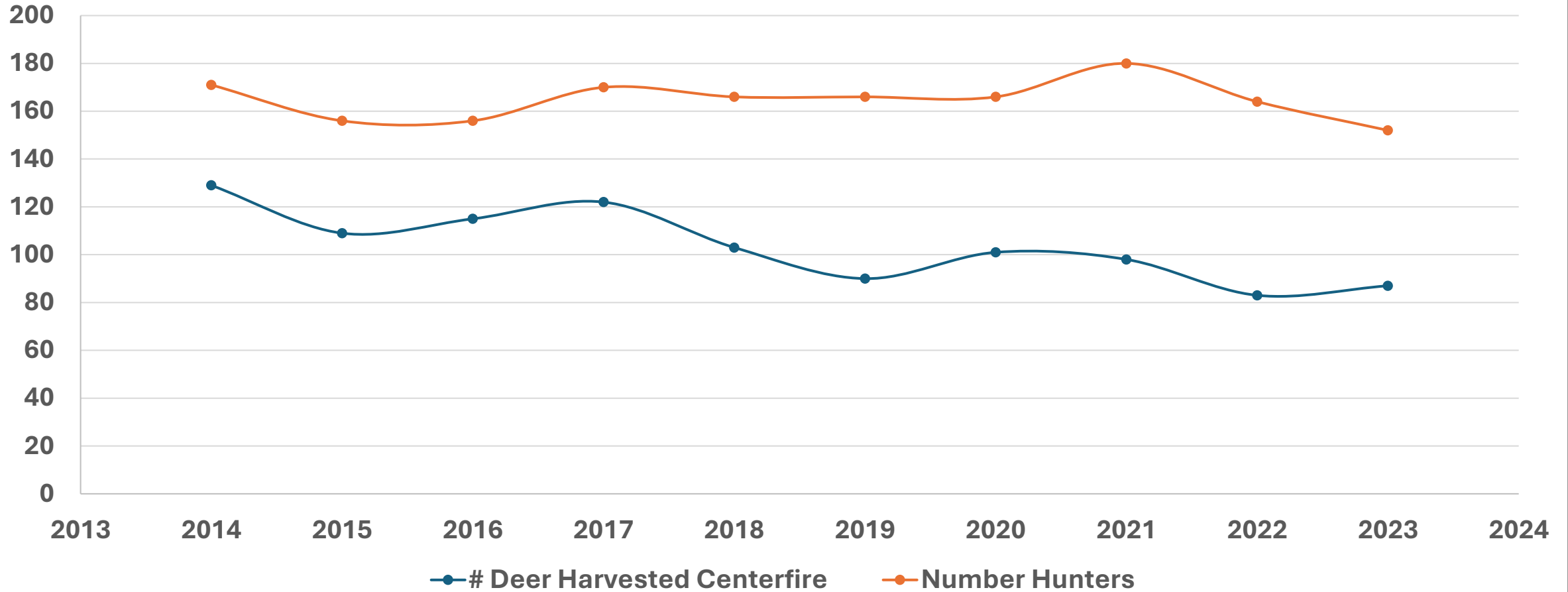
# Unit 78



2014-2018 success: 64.4%

2019-2023 success: 43.7%

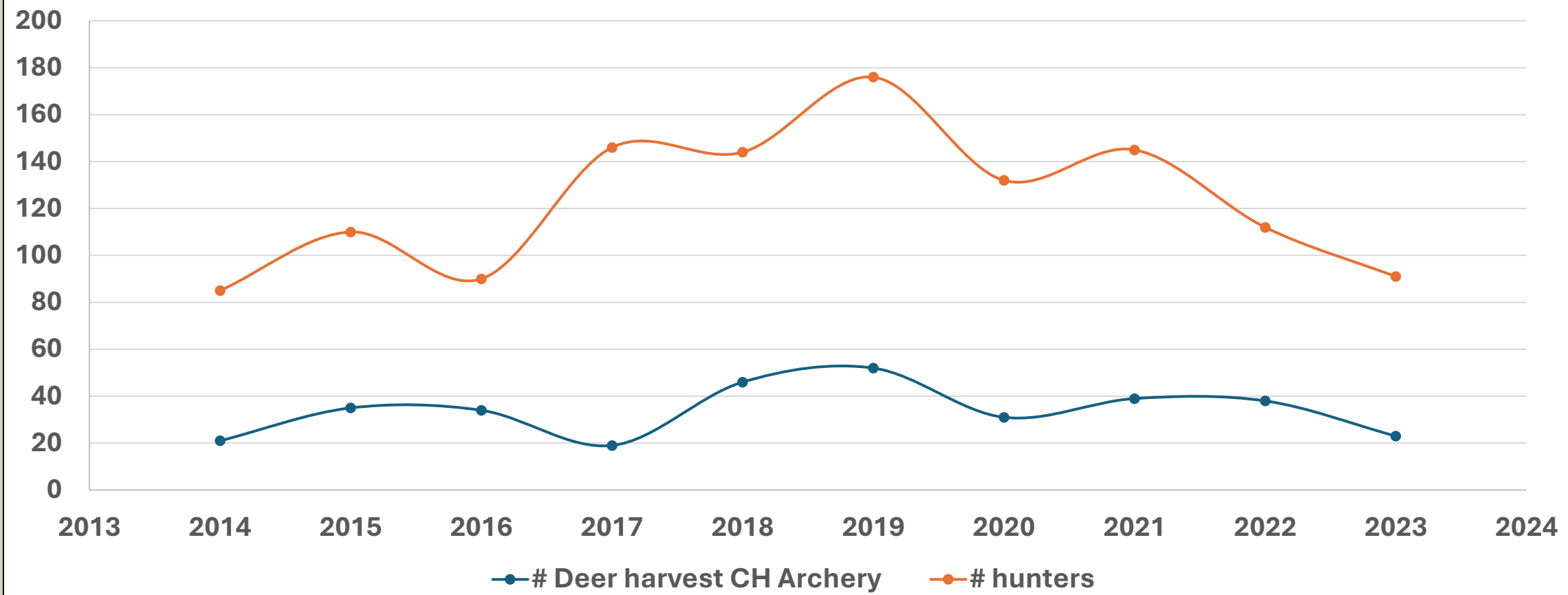
# Unit 70 CH Any Weapon



2014-2018 success: 70.6%

2019-2023 success: 55.5%

# Unit 70 Archery Unlimited



2014-2018 success: 27.9%

2019-2023 success: 27.8%



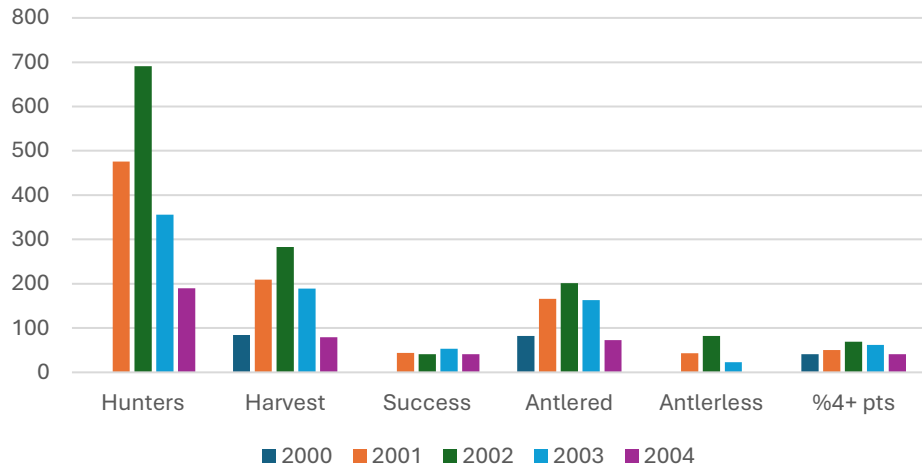
**IDAHO SPECIAL  
HUNTS**

## Muzzleloader Only Hunts

Area	Dates	Success Rates					3 year Average success
		2019	2020	2021	2022	2023	
21a	Nov 1 - nov 30	67	80	100	75	66	80.3
22	Oct 1-Oct 9	39	26	23	16	64	34.3
29-1	Nov 25 - Dec 9	32	35	51	44	27	40.7
30a	Nov 1 - nov 30	60	0	0	40	0	13.3
33-1	Nov 10-nov 30	27	60	42	45	36	41.0
43	Oct 1 - Oct 9	34	63	50	37	42	43.0
45	Oct 1 - Oct 14	19	43	50	32	28	36.7
51-1	Nov 1 - Nov 30	38	53	59	33	46	46.0
52	Nov 1 - Nov 14	62	33	52	54	53	53.0
52a	Nov 10- Nov 24	21	38	23	32	23	26.0
57	Nov 1 - Nov 14	38	26	53	47	69	56.3
61	Nov 11- Dec 9	1	3	5	5	3	4.3
68	Nov 16-Nov 30	47	54	37	37	25	33.0
73a	Nov 16-Nov 30	43	22	58	43	50	50.3
74	Nov 16-Nov 30	45	53	59	62	20	47.0
	Average	38.2	39.3	44.1	40.1	36.8	
	Average 2023 - 2019	39.7					

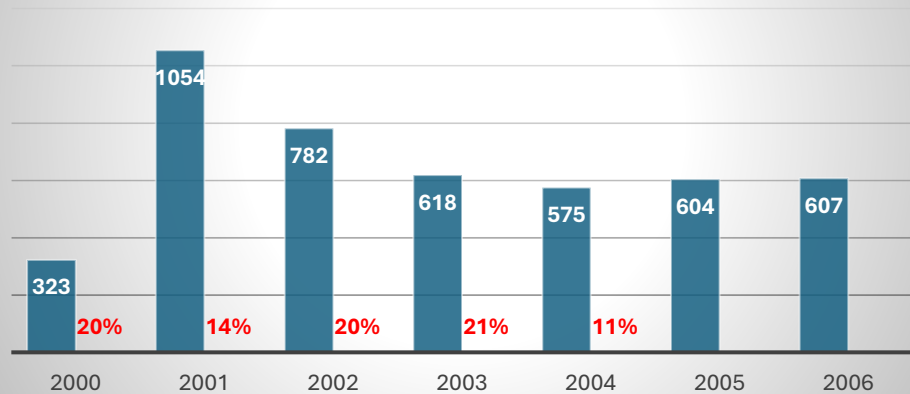
# Bear River Muzzleloader Hunt

GMU 75, 77, 78 Muzzleloader Hunt



GMU 75, 77, 78 Muzzleloader Hunt						
	Hunters	Harvest	Success	Antlered	Antlerless	%4+ pts
2000		84		82	0	41
2001	476	209	44	166	43	50
2002	691	283	41	201	82	69
2003	356	189	53	163	23	62
2004	190	79	41	73	0	41

GMU 75, 77, 78 Total Antlered Harvest



1984 General Muzzloader in 75 antlered only Nov 17 - 25 - 1st controlled either sex hunts

1994 Unlimited controlled - 75, 51, 33, 29 - Nov 10 - Nov 24 for 33 and 75 (either sex)

1997 Unlimited controlled in 75 only - Nov 10 -24 - antlered only

1997 Southeast Idaho deer tag implemented for NR in 75, 76, 77, and 78

2001 Shift to All of 75, 77, and 78 - Either sex - Nov 10 -24 - Unlimited - SE Idaho tag for NR still in place

2002 Date shift to Nov 16 - Nov 30

2003 No longer unlimited - 388 tags offered - MHR implemented - SE Idaho deer tag eliminated

2004 Tags reduced to 194 - "Traditional" muzzleloader only language added - patched round ball only

2005 Hunt eliminated

Archery Only Hunts							
		Success Rates					
Area	Dates	2019	2020	2021	2022	2023	3 year average success
21-a	Aug 1-Sept 30	25	0	25	0	0	8.3
22	Aug 15 - Sep 30	28	26	9	24	22	18.3
39-2	Nov 16 - Dec 16	12	8	9	18	6	11.0
40	Aug 15-Sep 30	27	26	39	25	32	32.0
41-1	Aug 15 - Sep 30	10	28	9	11	25	15.0
43-1	Aug 15-Sep 30	19	15	31	26	34	30.3
44	Aug 15 - Sept 14	35	40	28	41	36	35.0
45	Aug 15 - Sept 14	38	50	41	25	30	32.0
52	Aug 15 - Sept 14	-	-	39	45	14	32.7
53-1	Aug 30 - Dec 19	37	23	25	35	24	28.0
54	Aug 30 - sept 30	15	23	17	22	15	18.0
68a	Aug 30 - Dec 19	23	42	3	20	30	17.7
70	Aug 30 - Sep 30	29	24	24	33	24	27.0
72-1	Nov 16 - Dec 5	7	10	11	20	9	13.3
	Average	23.5	24.2	22.1	24.6	21.5	
	Average 2023-2019	23.2					



**Other States**

# Other States

- Utah Muzzleloader Hunt Success 2019-2023: 34% (Sept 25- Oct 3)
- Utah Muzzleloader Hunt Success 2011-2015: 30%
  
- Utah Any Weapon Hunt Success 2019-2023: 41.7% (Oct 19-Oct 27)
  
  
- Colorado Muzzleloader Hunt Success 2019-2023: 28.6% (Sept 14-22)
  
- Colorado Rifle Hunt Success
  - 1<sup>st</sup> hunt: 41.4% (Mid Sept)
  - 2<sup>nd</sup> hunt: 42.5% (Last Sat in October 9 days)
  - 3<sup>rd</sup> hunt: 48.7% (2nd Sat in November 7 days)
  - 4<sup>th</sup> hunt: 51% (3<sup>rd</sup> Wed in November 5 days)
  
- Colorado Archery Only Hunt Success: 24.2% (Most Sept 2- Sept 30)

# Timing of Hunt

End  
November



Hunt Success

August

# Weapon Type

Rifle

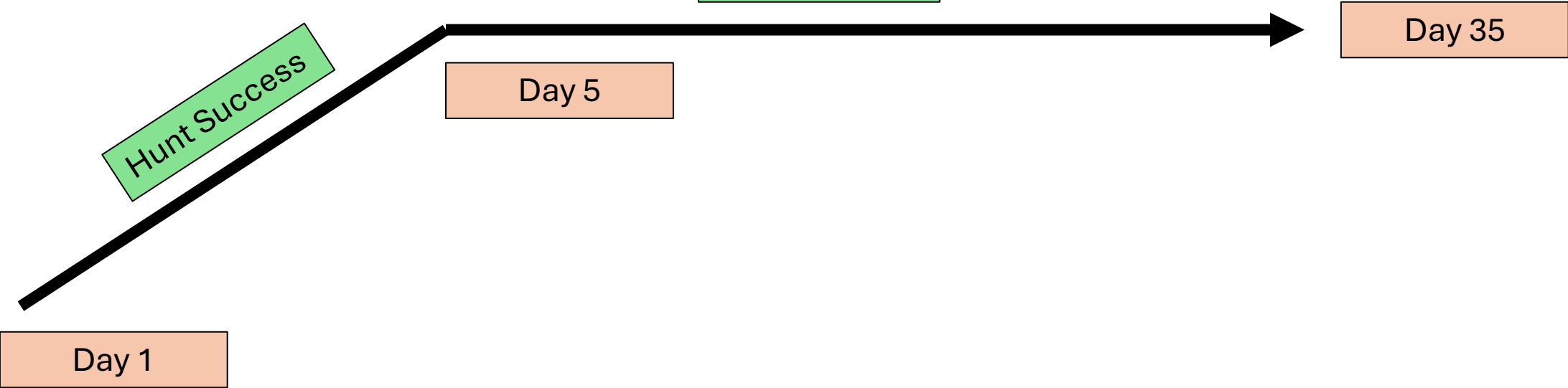


Muzzleloader

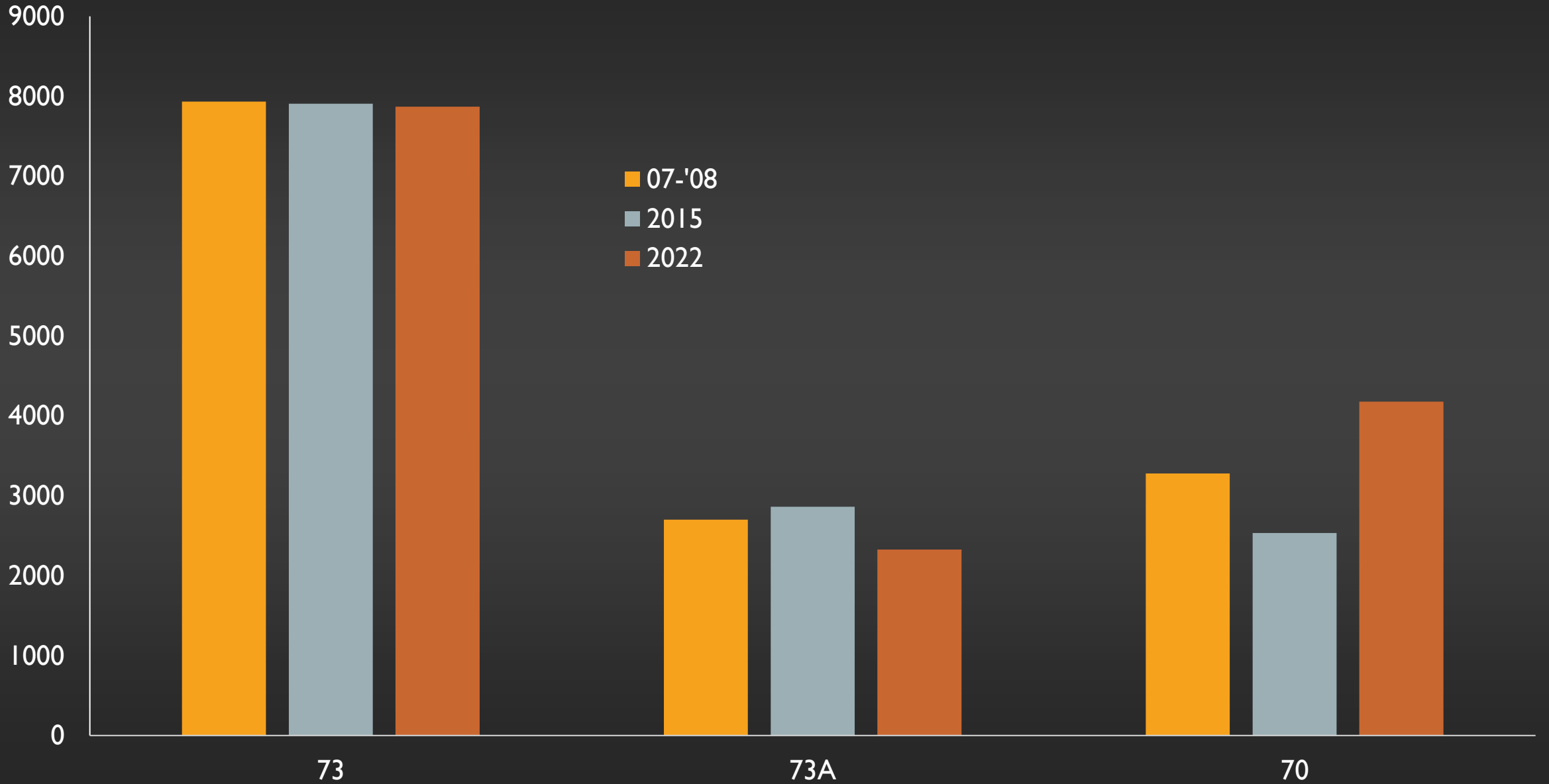
Hunt Success

Archery

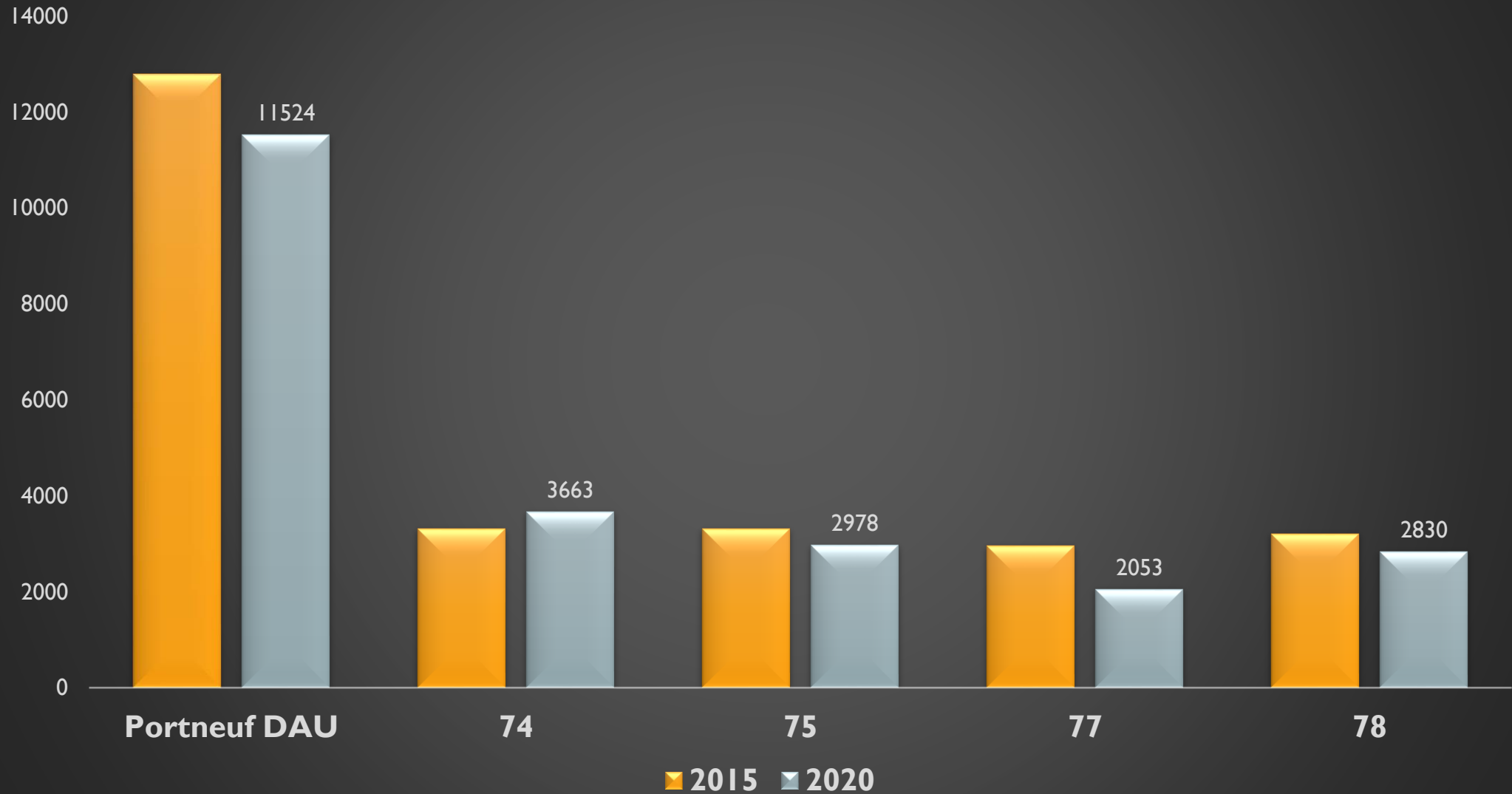
# Duration of Hunt



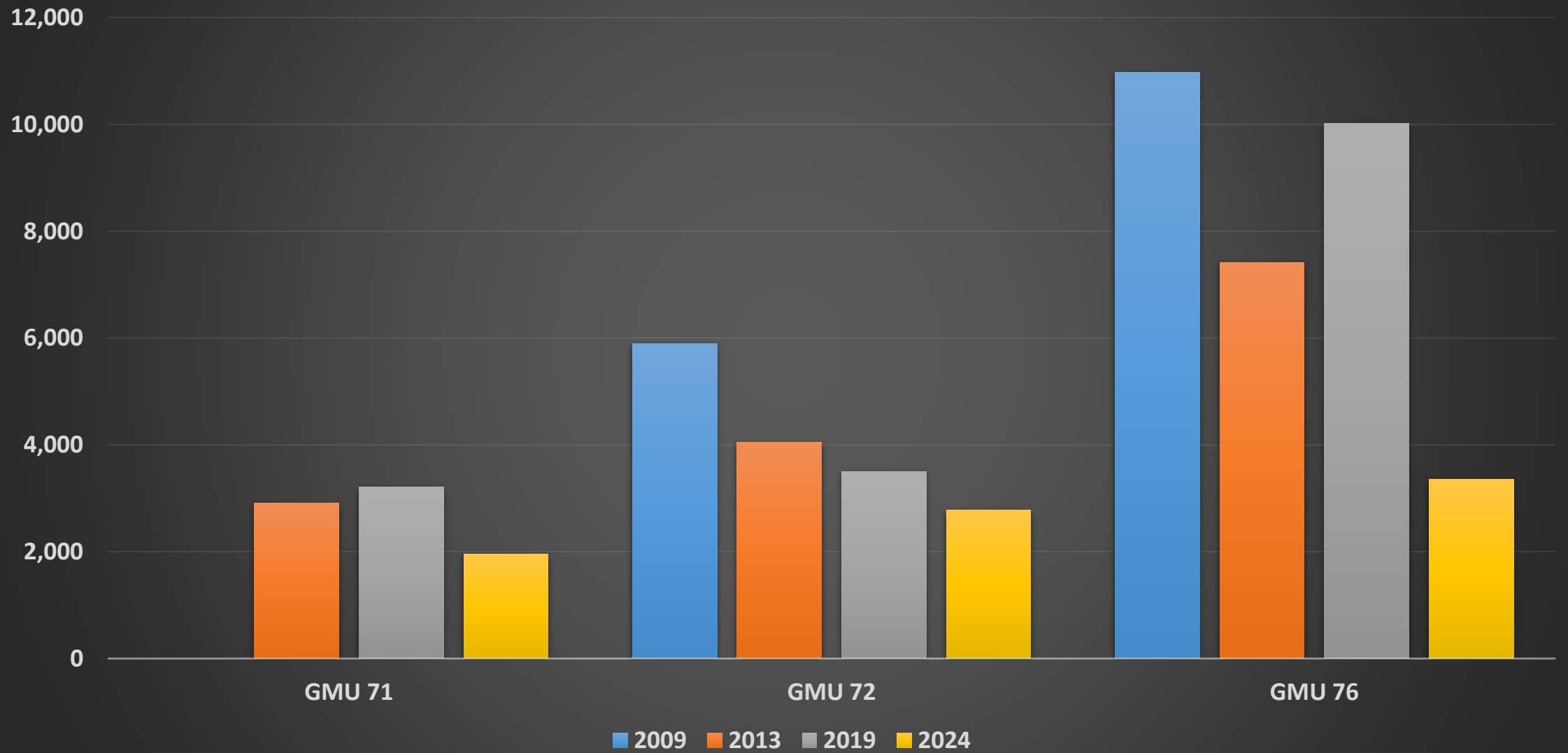
# Bannock Deer Population



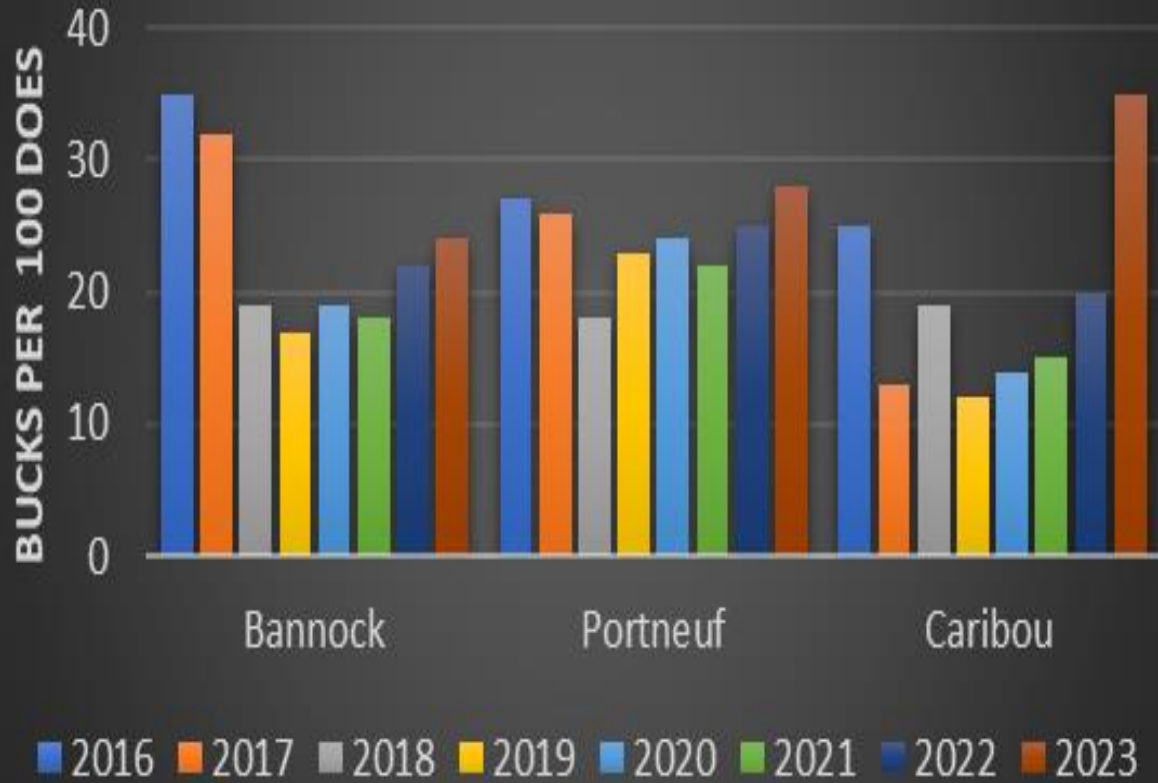
# Portneuf Deer Population



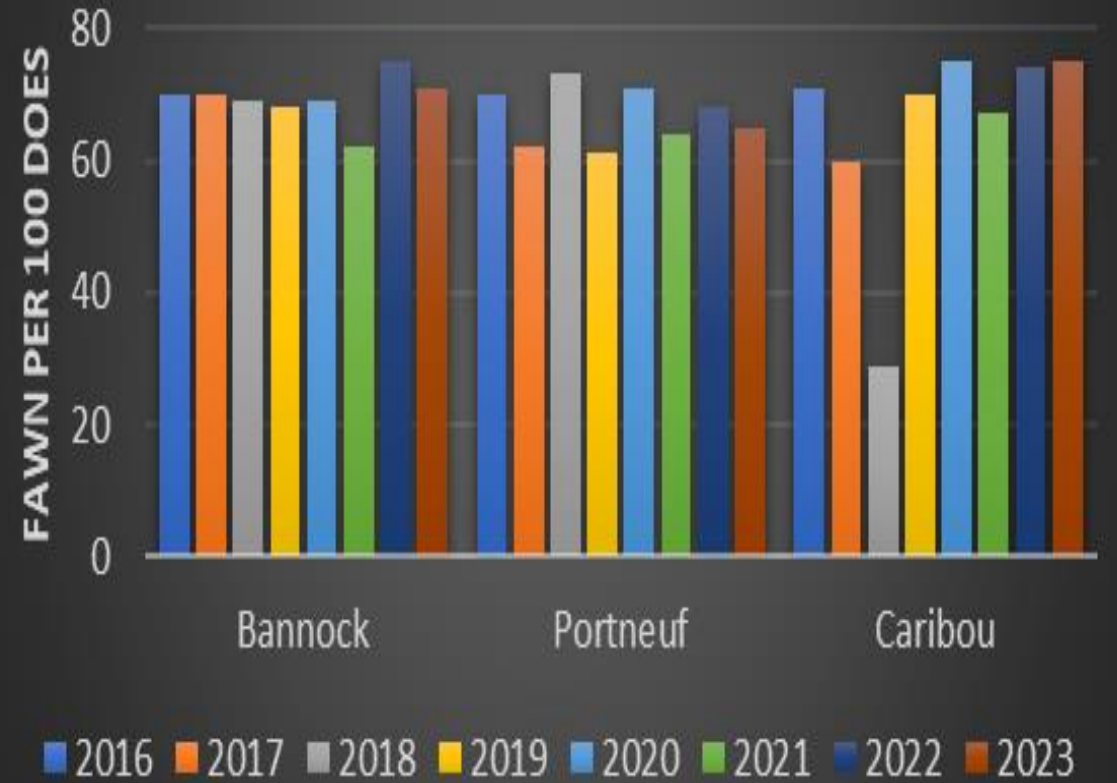
# Caribou Deer Population



## Buck:Doe Ratios



## Fawn:Doe Ratios

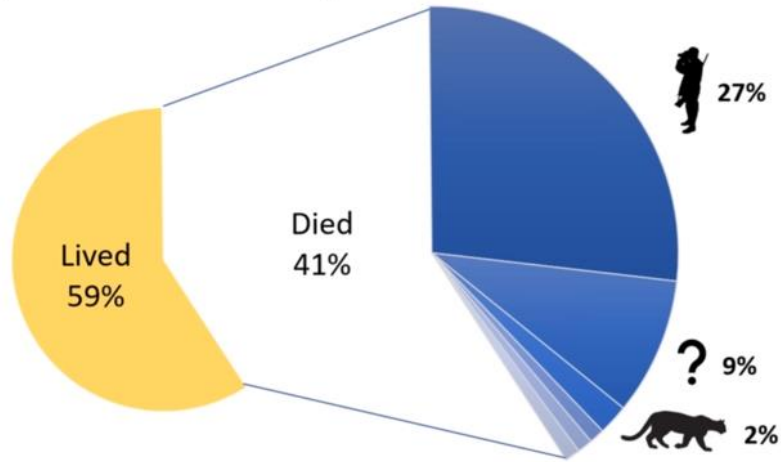




### Mule Deer - Primary Causes of Mortality



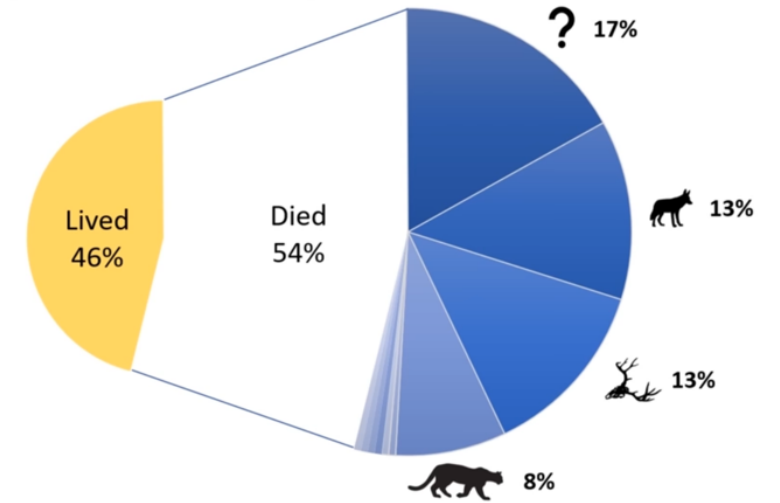
389 Adult Bucks



### Mule Deer - Primary Causes of Mortality



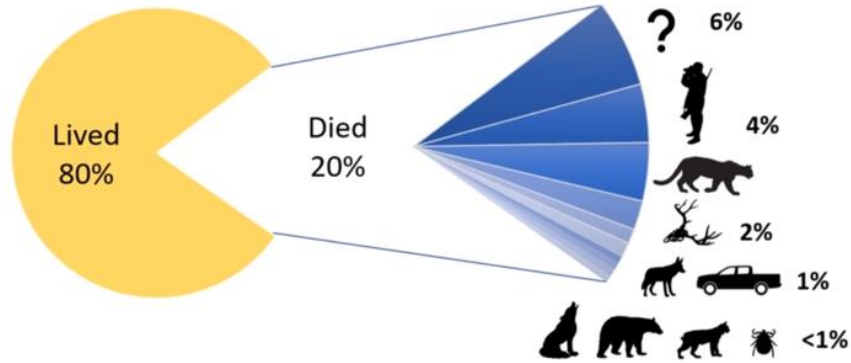
2,686 Wintering Fawns (6-12 mo old)



### Mule Deer - Primary Causes of Mortality



3,205 Adult Does



### Mule Deer - Primary Causes of Mortality



250 Newborn Fawns (0-6 mo old)

