

Galena Mgt. Area

2025



Moose Hunters

in GMU's 19D, 20B, 21D, and 24D

Moose hunters in these units may see radio-collared bull moose.

You are allowed to shoot a moose wearing a radio collar providing it is otherwise a legal animal in your hunt area—check the regulations.

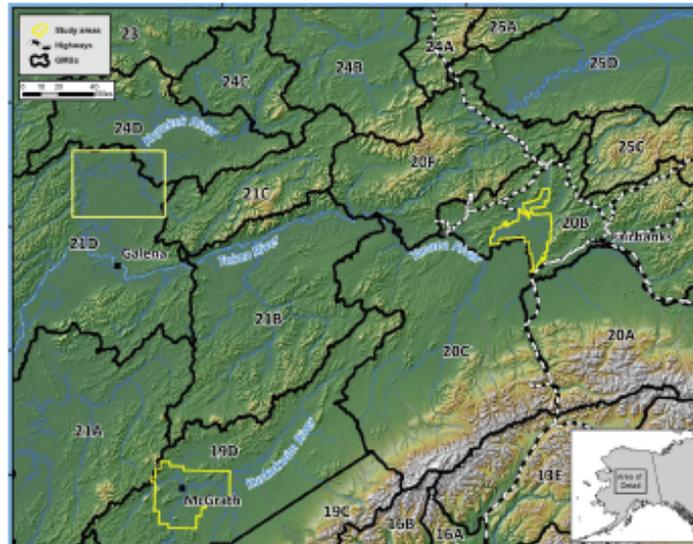
If you do shoot a collared animal please unbolt the collar and return it to an ADF&G office.



Why collar bulls?

Most ADF&G moose research consists of placing radio collars on cow moose because cow moose provide essential data about herd health indices and population trends.

However, moose managers are interested in examining whether winter moose population survey data is representative of moose distribution during the fall hunting season.



Are the moose we count the moose we hunt?

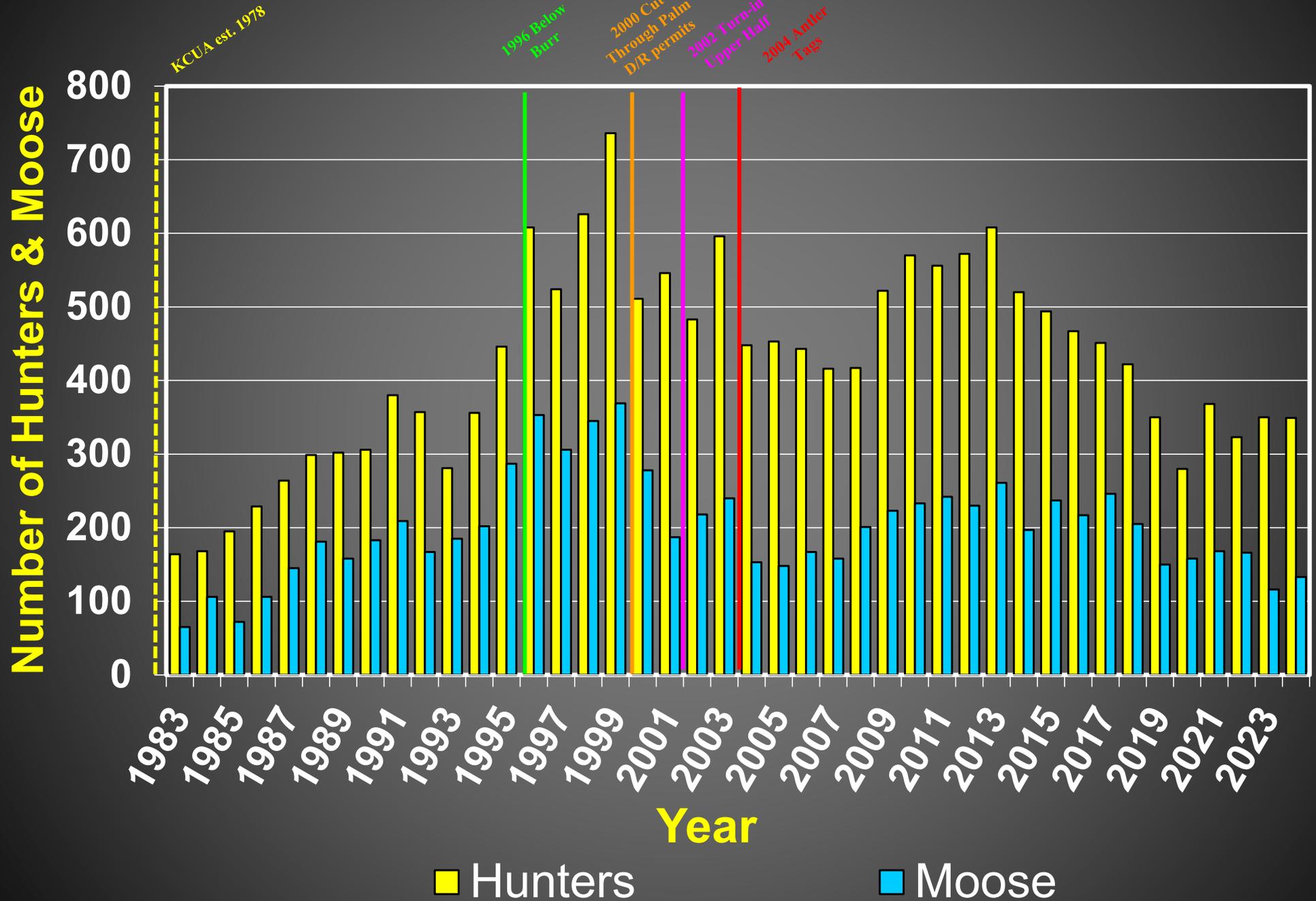
Biologists are conducting a research project to provide insight into this question.

The plan includes:

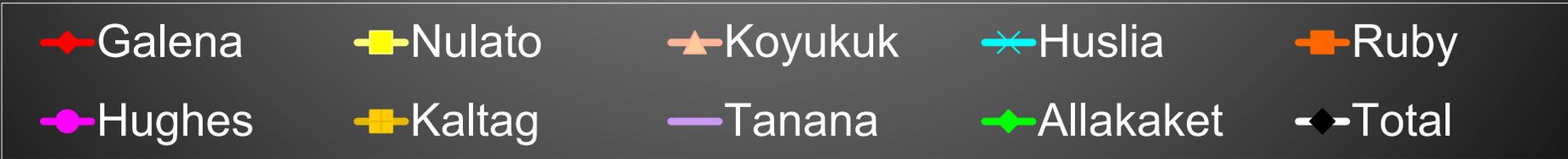
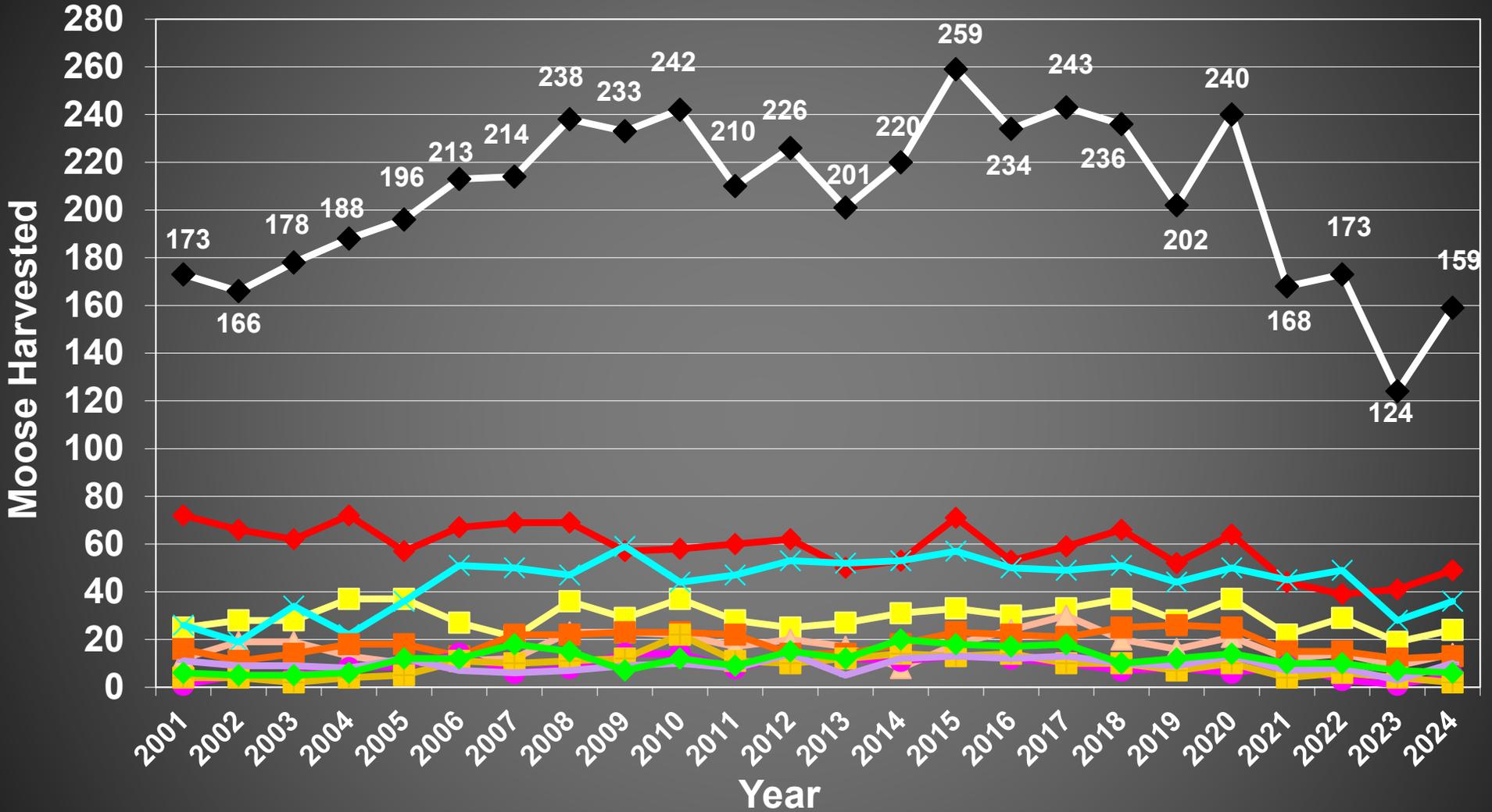
- Placing satellite collars on 168 bull moose in three study areas in Interior Alaska.
- Tracking bull movements and distribution during three critical times of the year—hunting season, early winter, and spring.
- Assessing whether bull distributions during survey seasons are representative of bull distributions during hunting seasons.



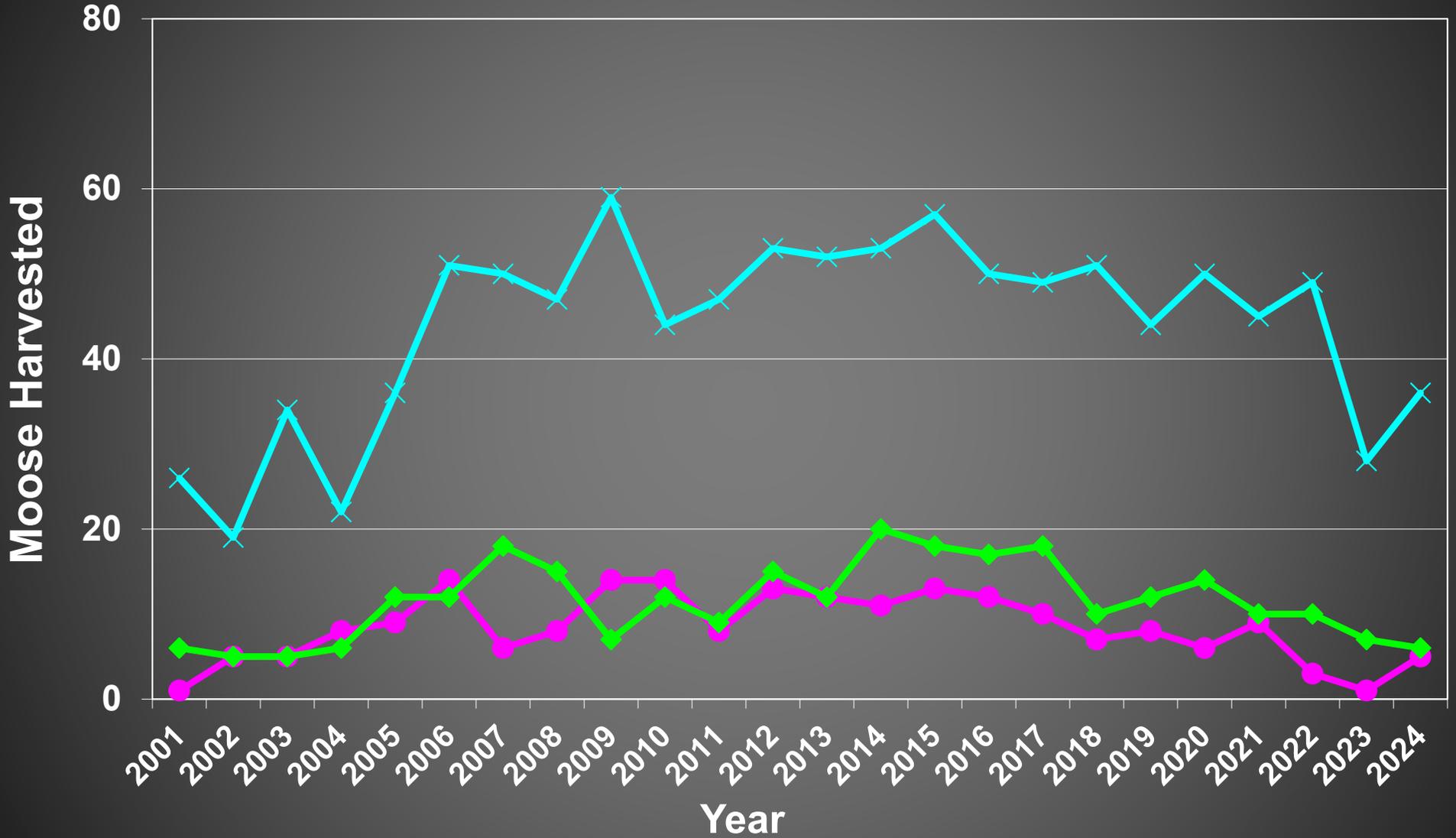
KCUA Check Station 1983-2024



Preliminary (02/13/25) Local Resident Reported Moose Harvest 2001-2024

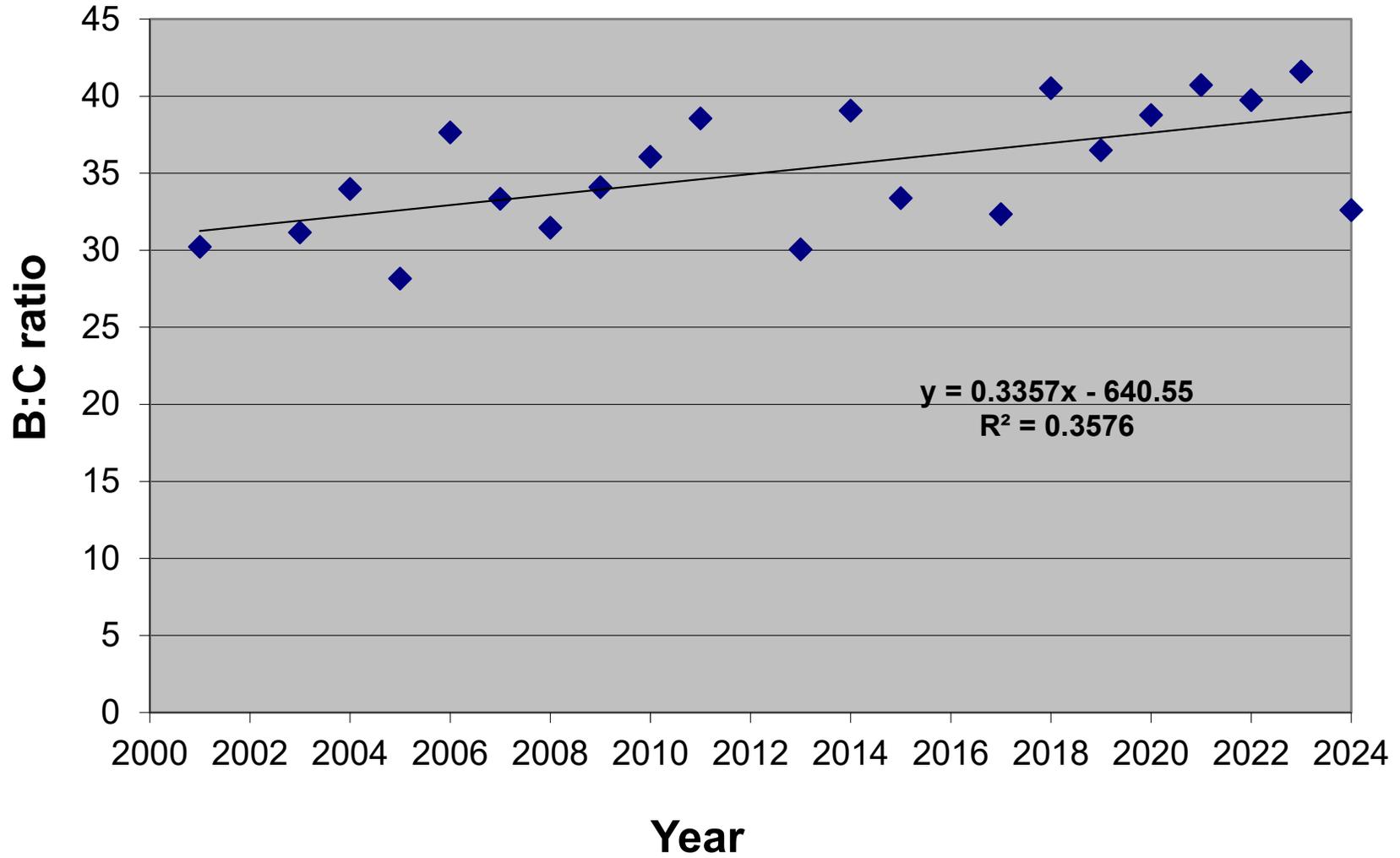


Preliminary (02/13/25) Local Resident Reported Moose Harvest 2001-2024

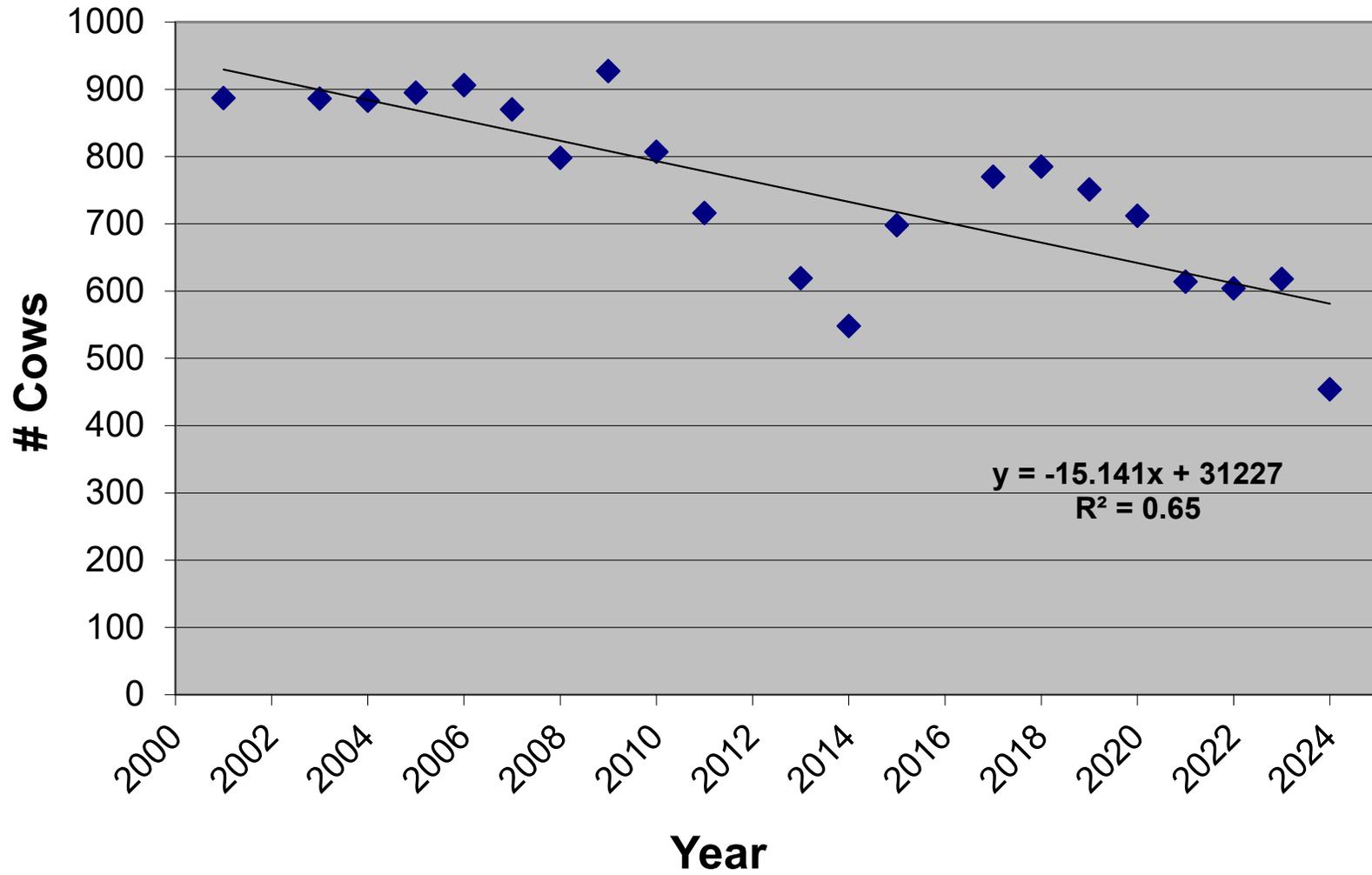


—x— Huslia —●— Hughes —◆— Allakaket

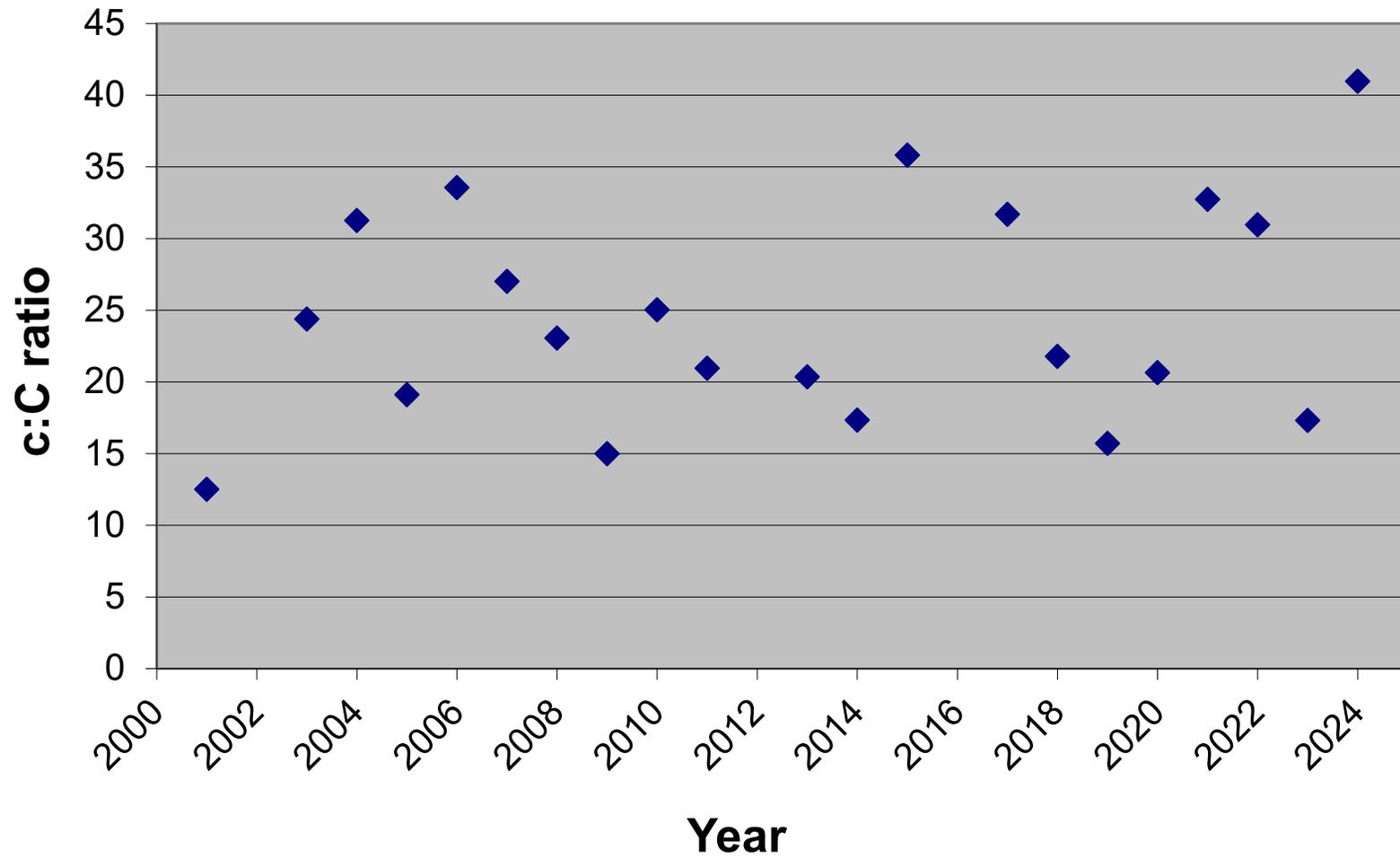
UPPKOY - Bull:100 Cows



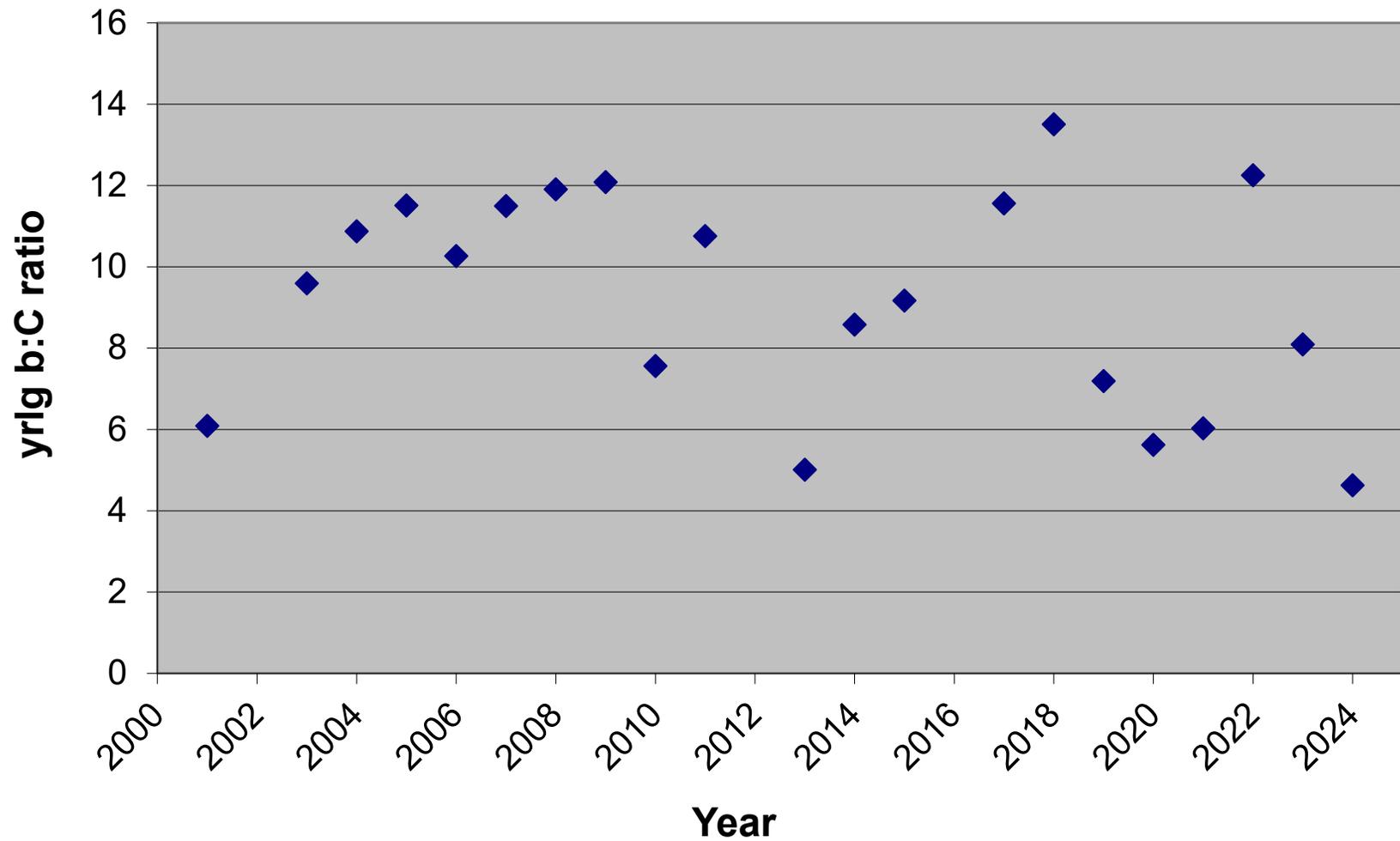
UPPKOY - Cows Counted



UPPKOY - Calves:100 Cows

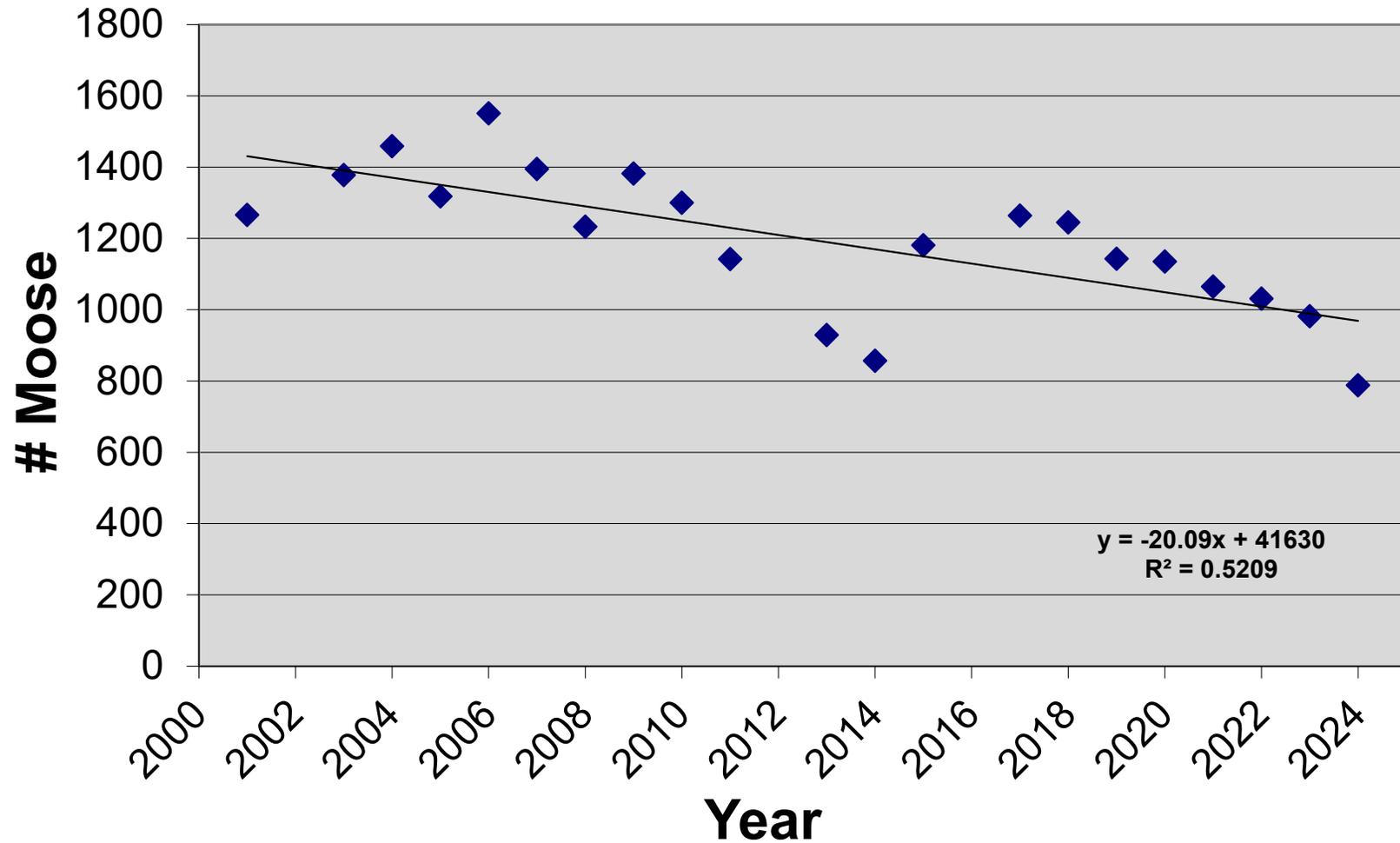


UPPKOY - yrlg bulls:100 Cows



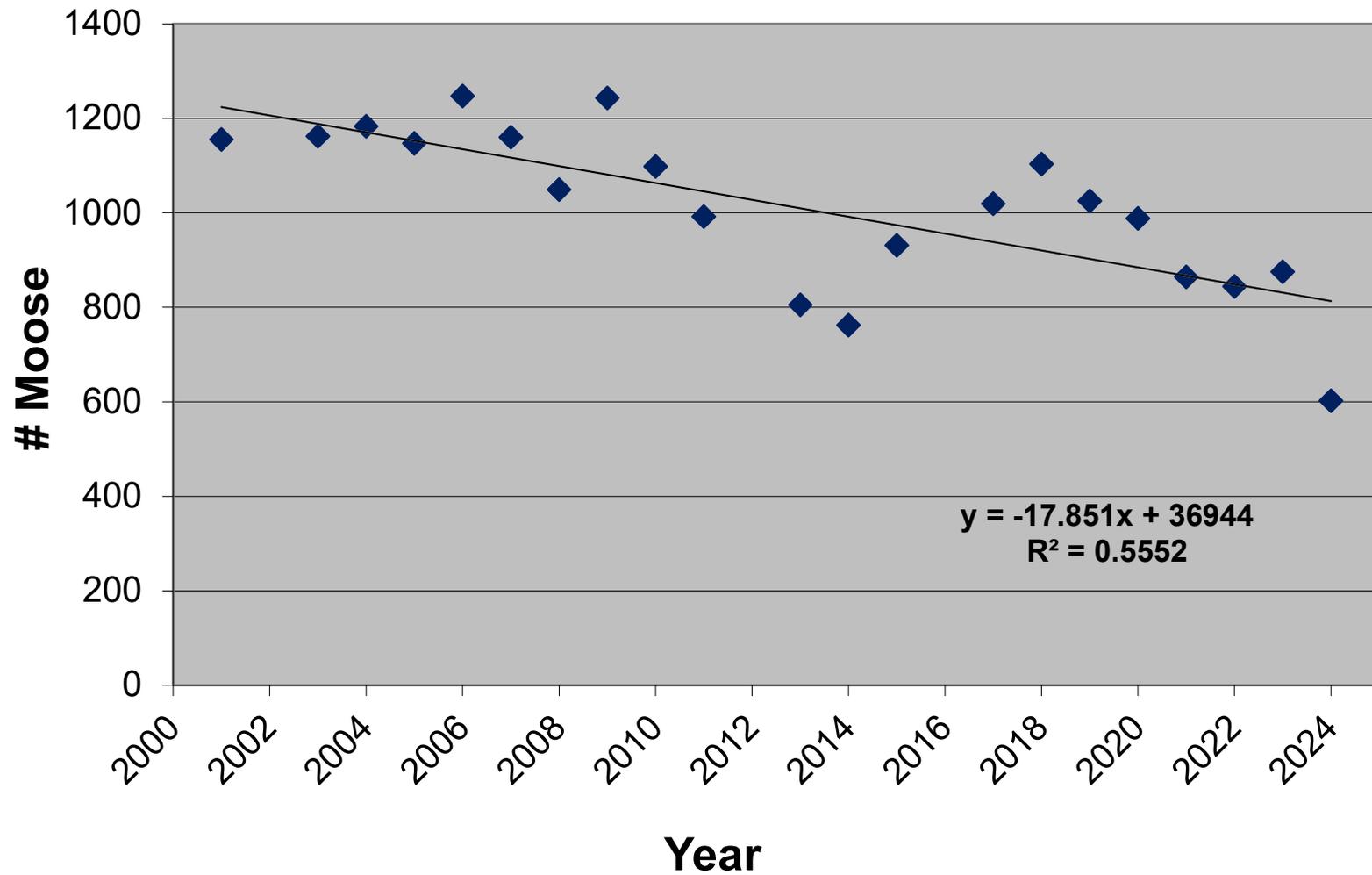
UPPKOY - Total Moose Counted

Avg = 1193



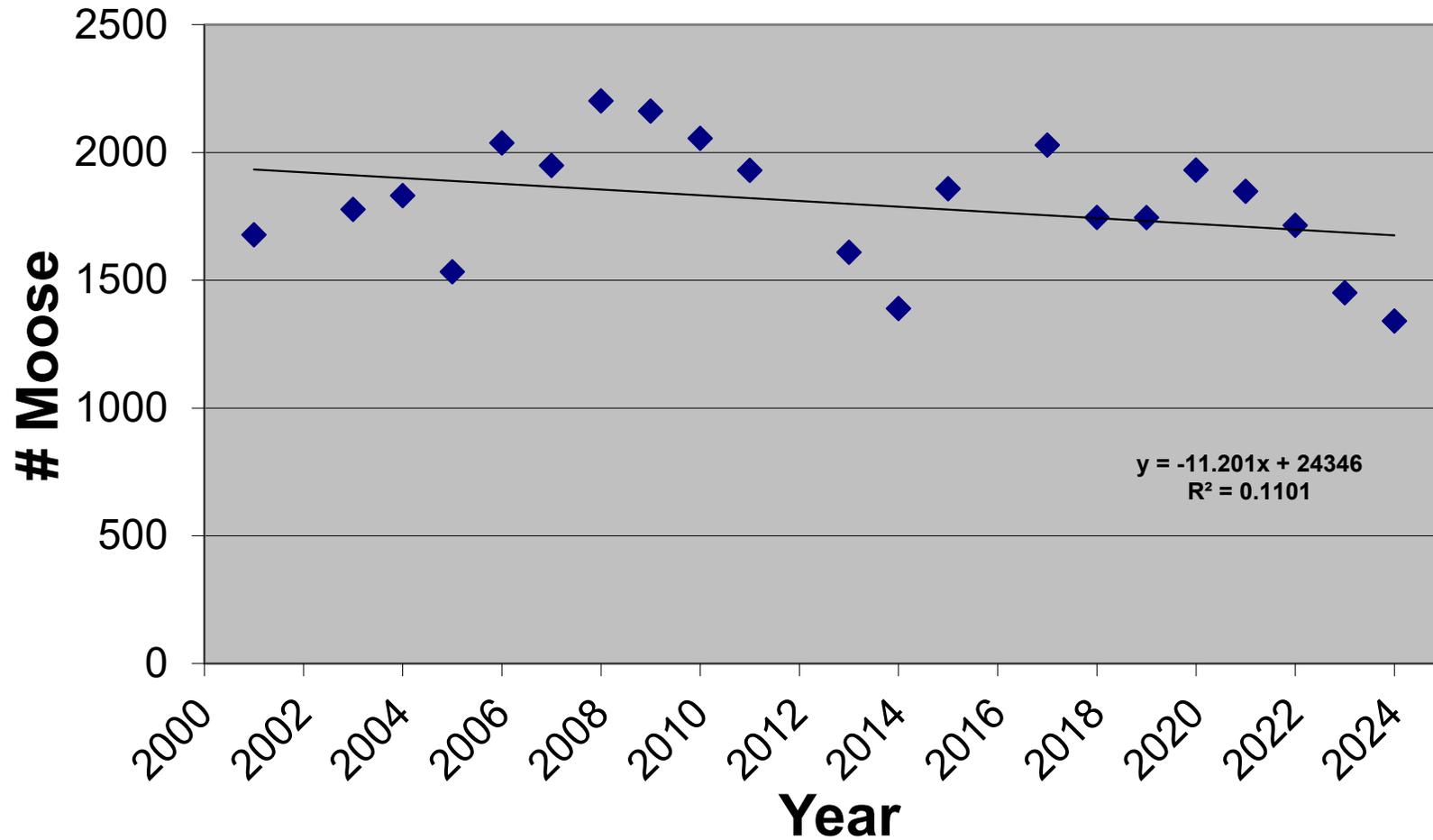
UPPKOY - Total Adult Moose Counted

Avg = 1012

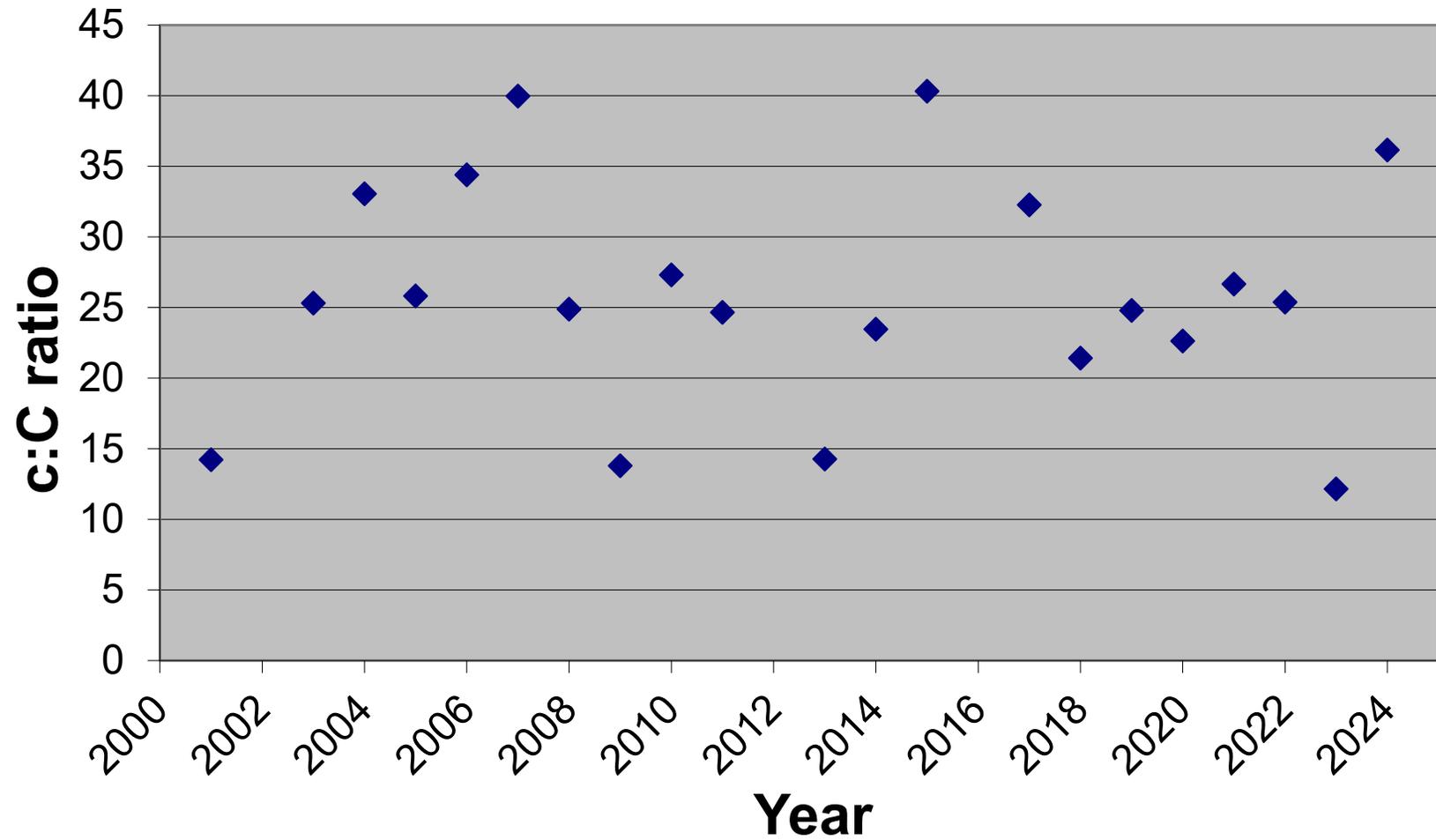


WGSU - Total Moose Counted

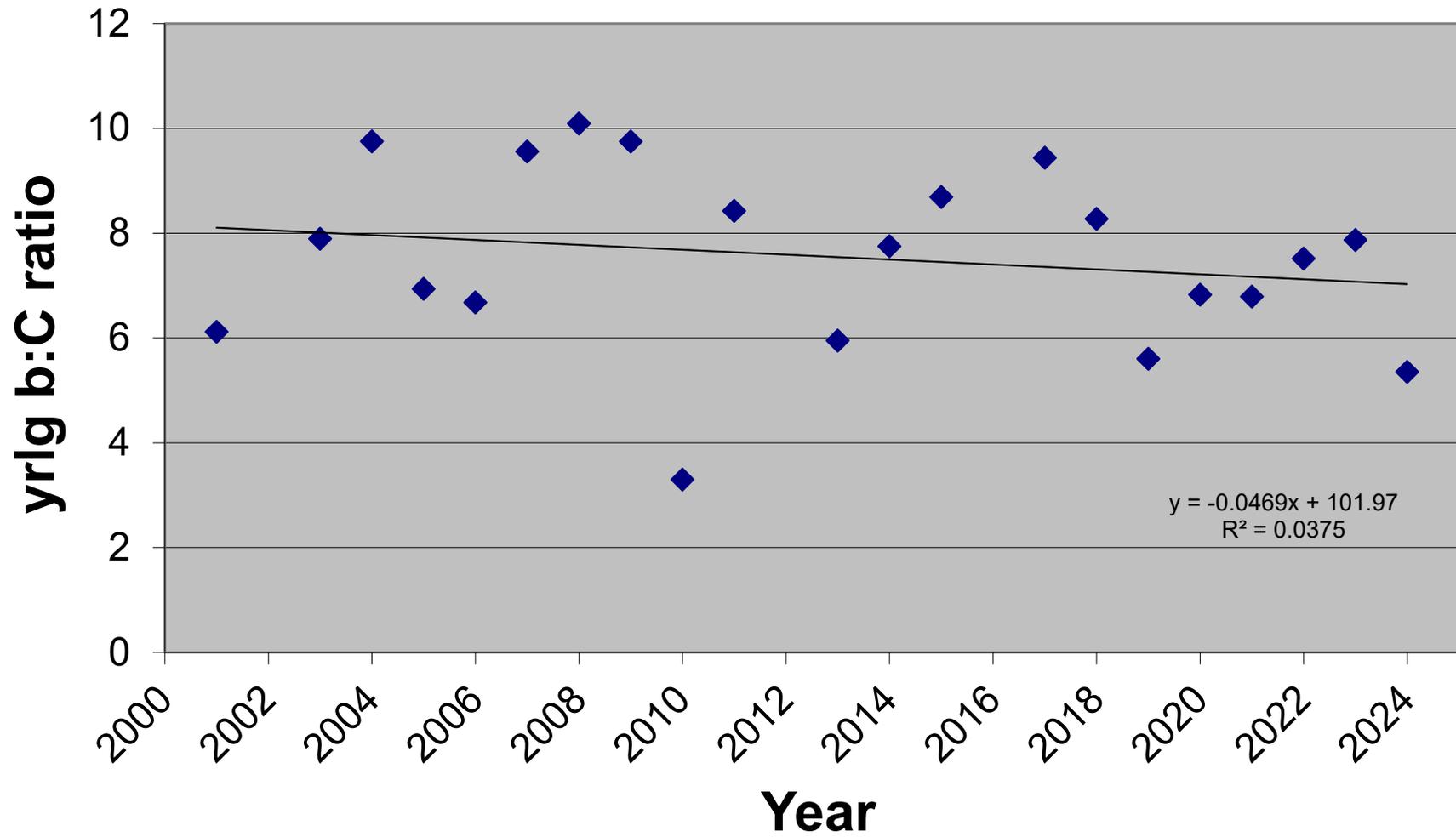
avg. = 1801



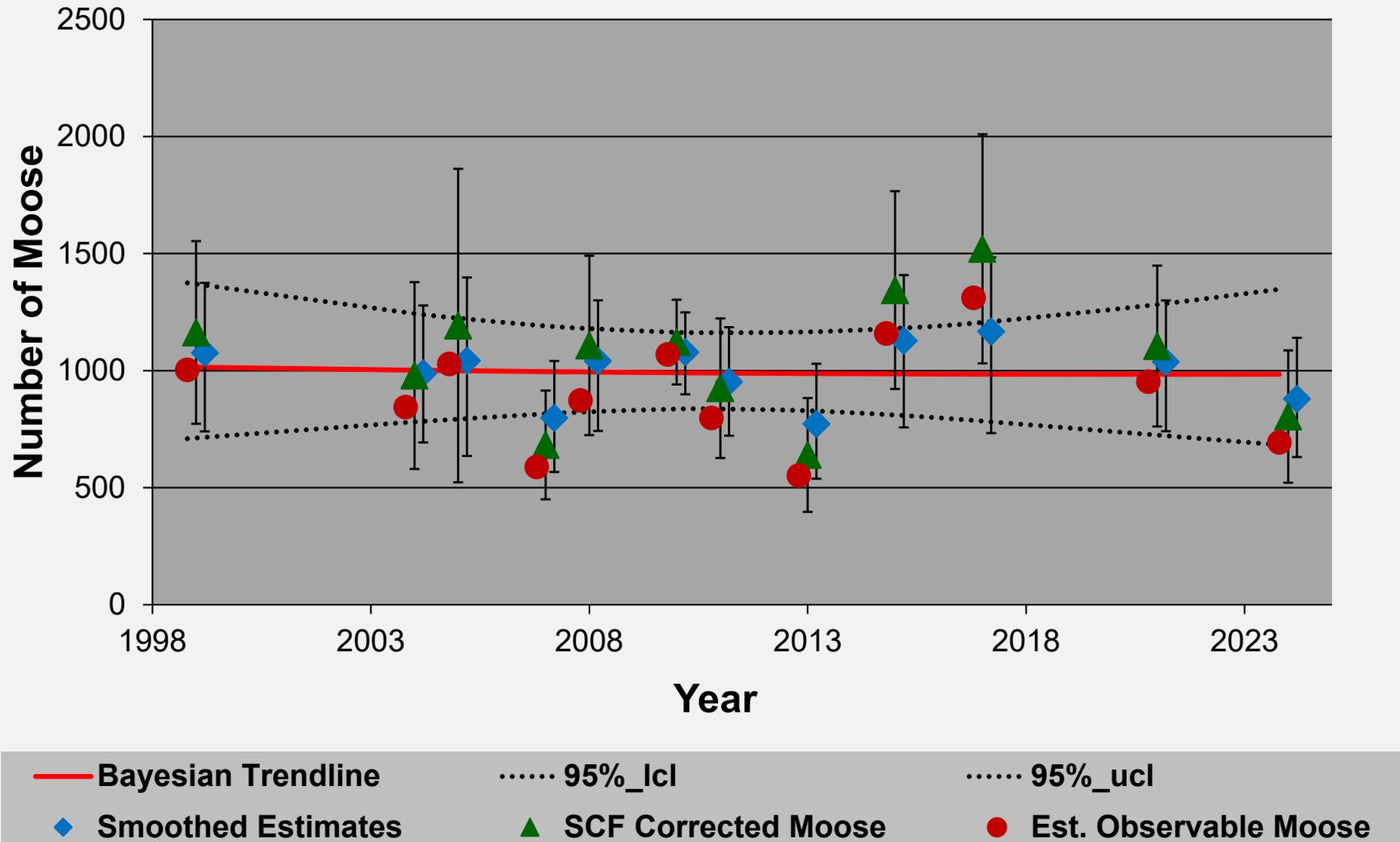
WGSU - Calves:100 Cows



WGSU - yrlg bulls:100 Cows

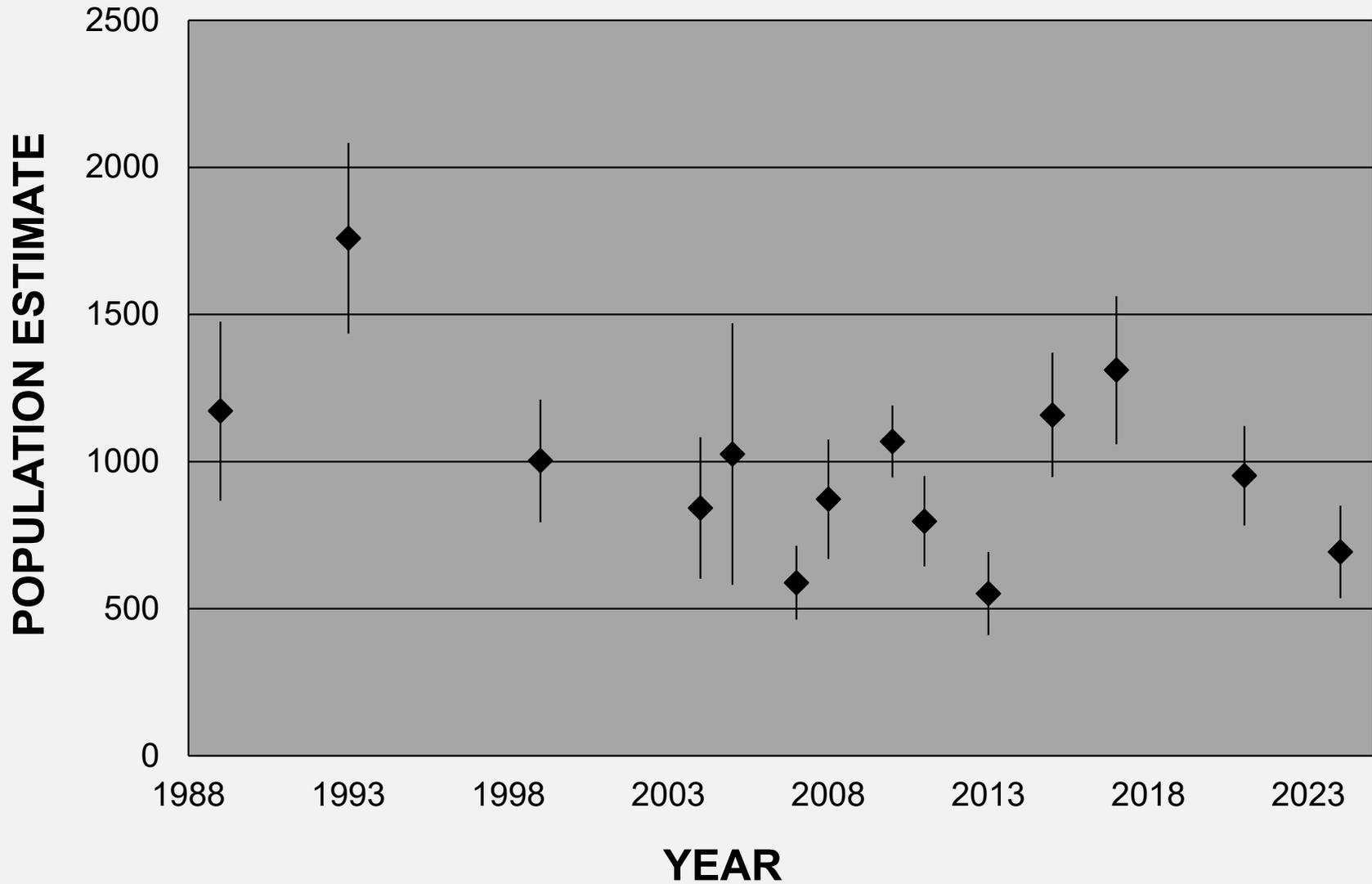


Kanuti Moose Abundance 1999-2024 (95% Confidence Limits)

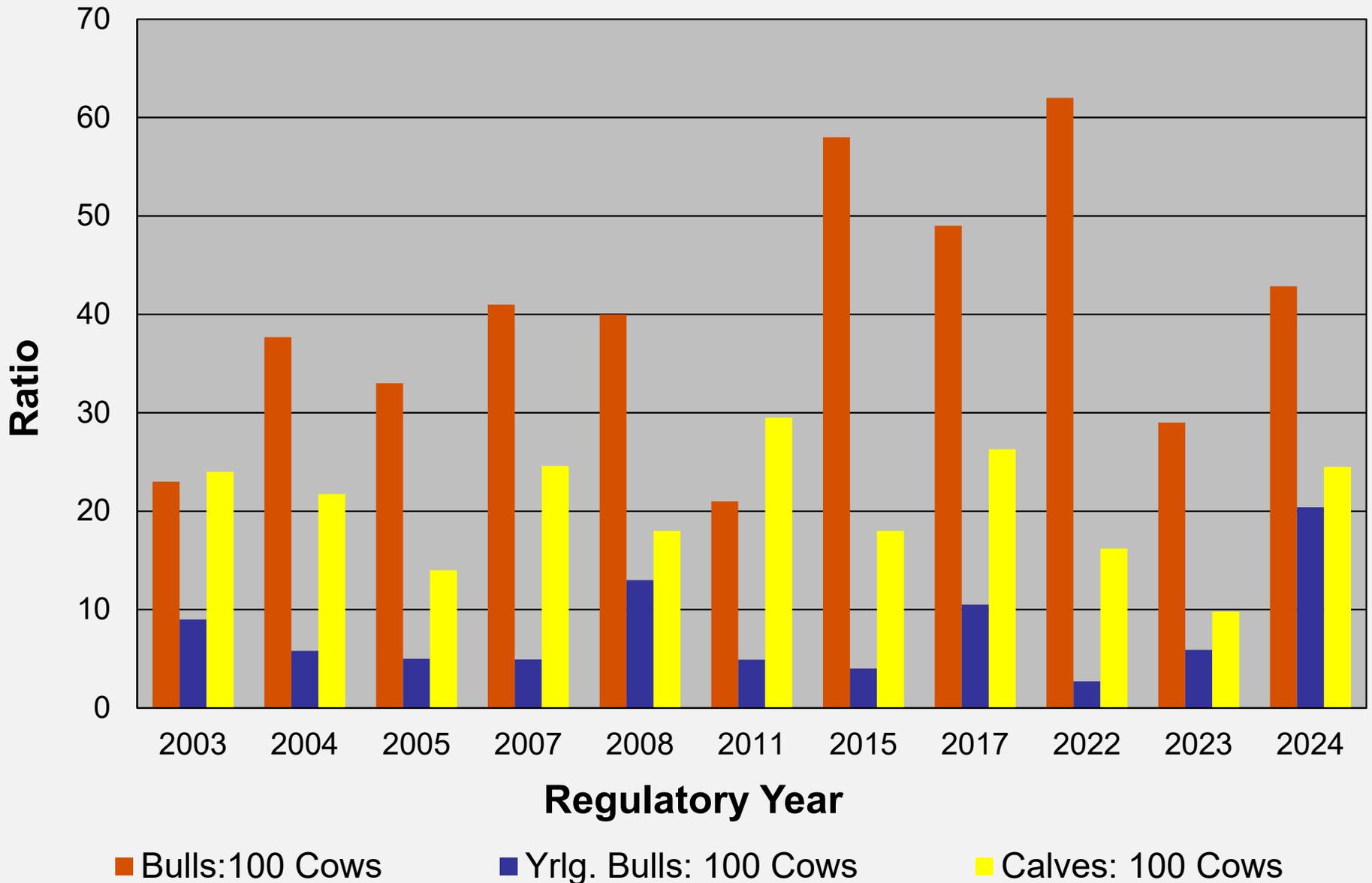


MOOSE POPULATION ESTIMATE

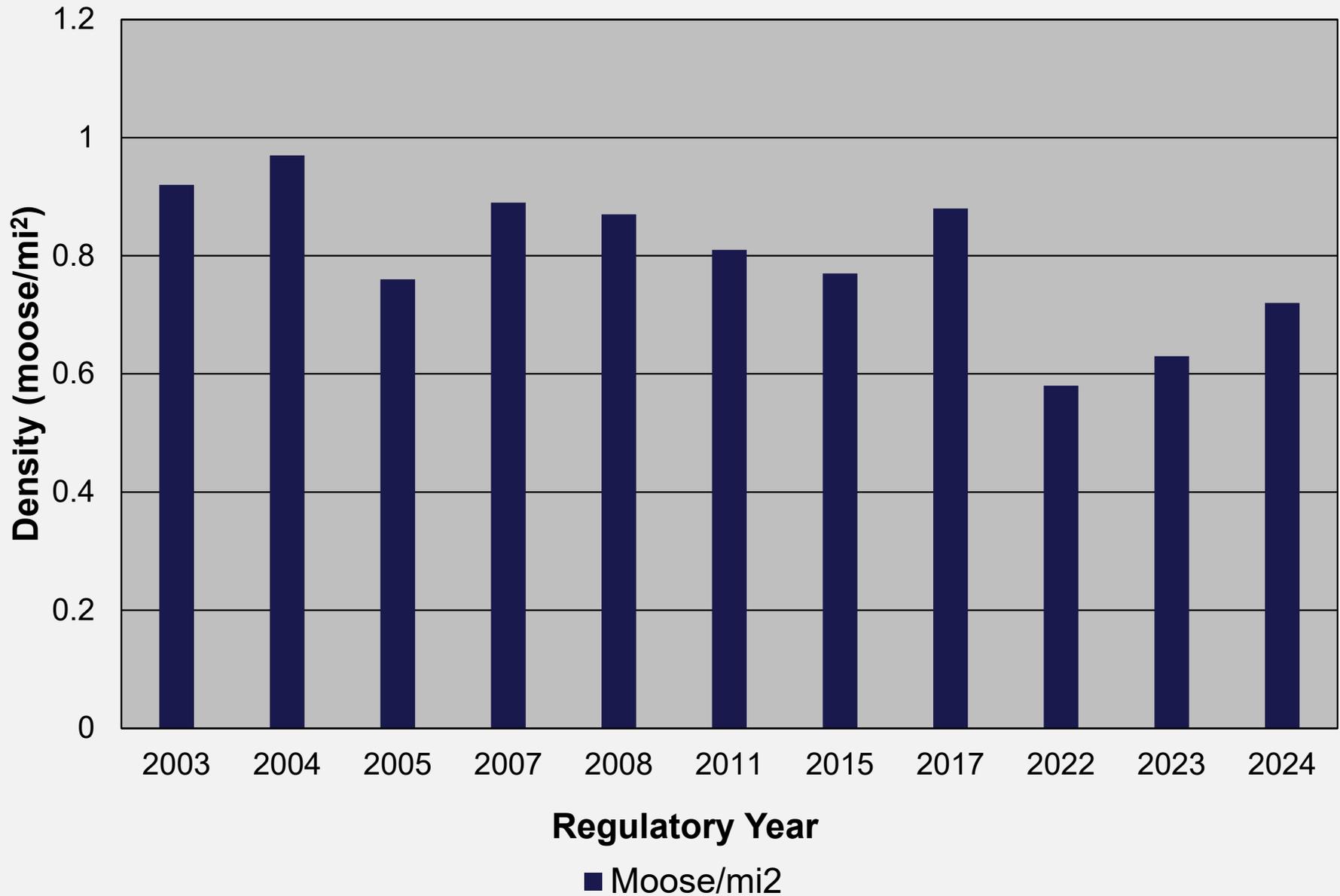
KANUTI NWR



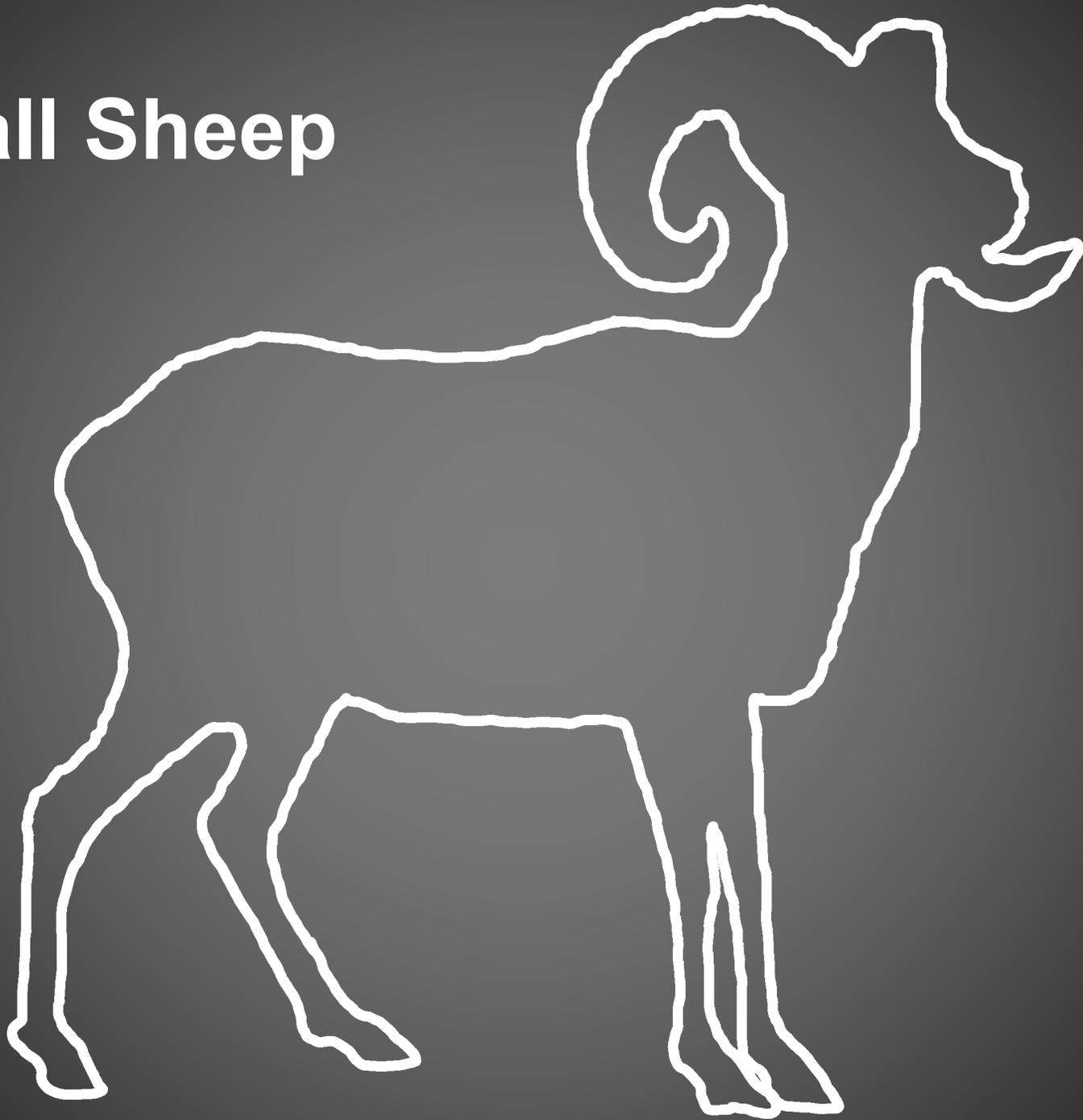
Middle Fork Moose TCA - 24A



Middle Fork Moose TCA - 24A



Dall Sheep

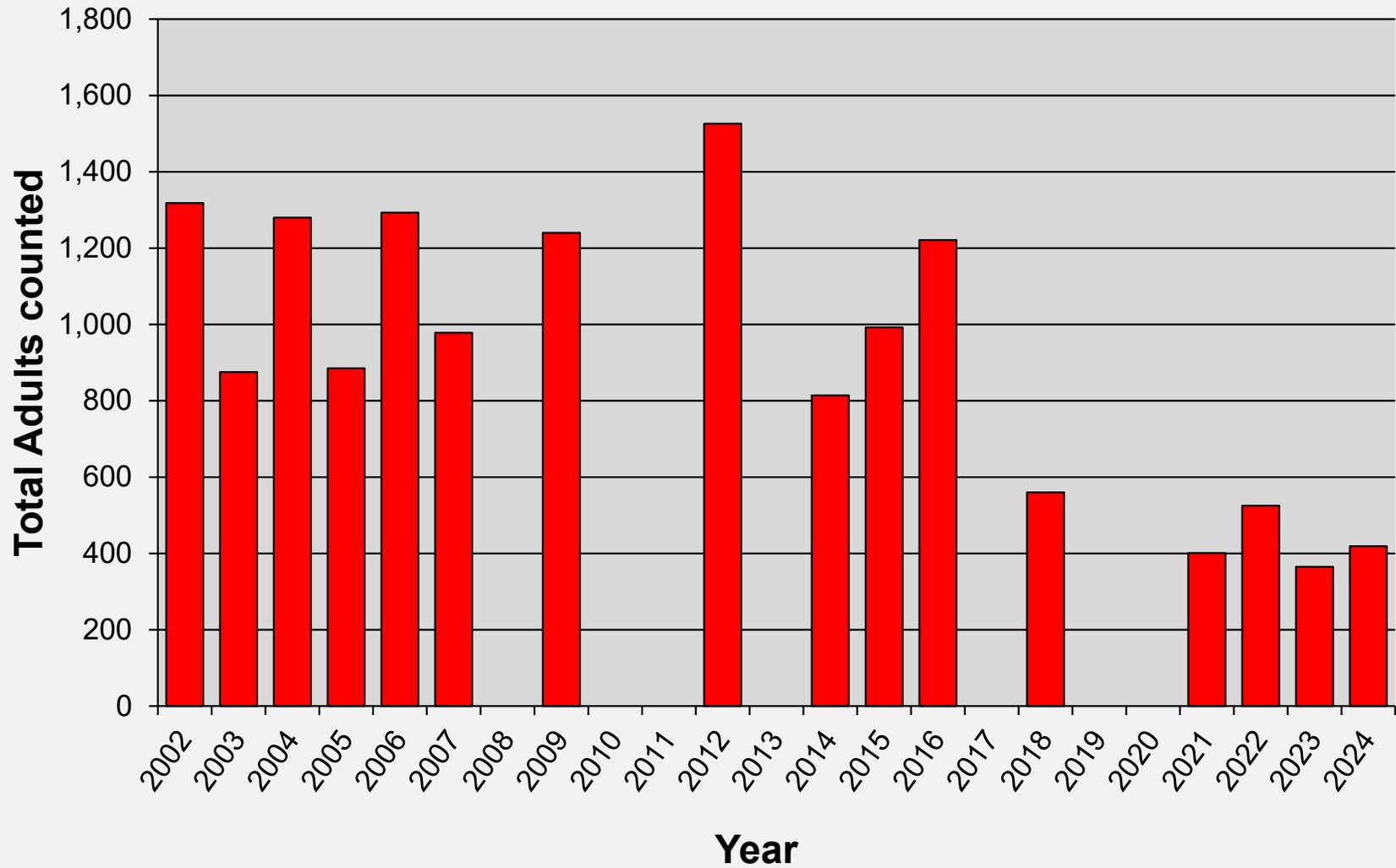


Brooks Range Sheep Ecology Study



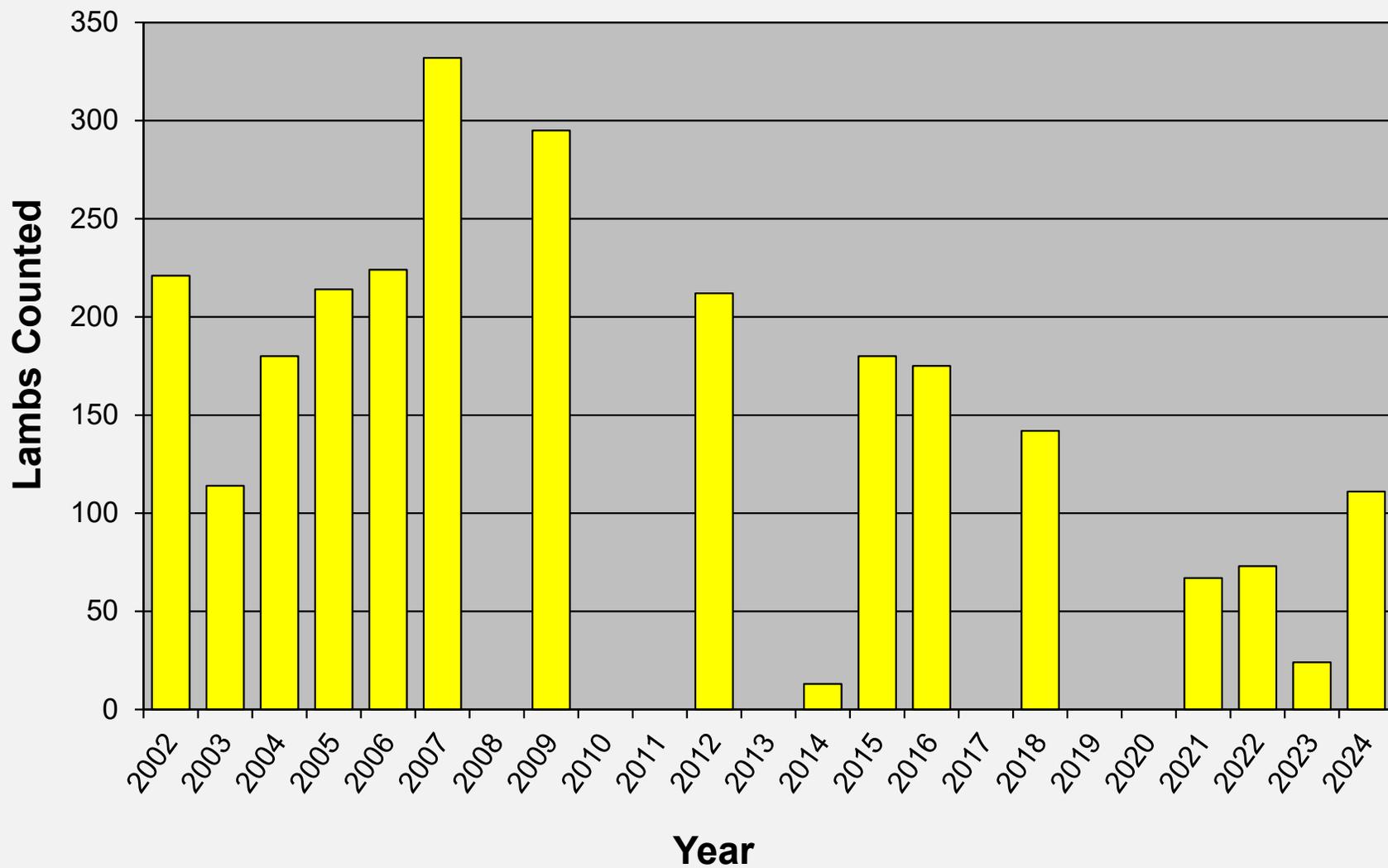
Brooks Range Sheep TCA

Total Adults counted



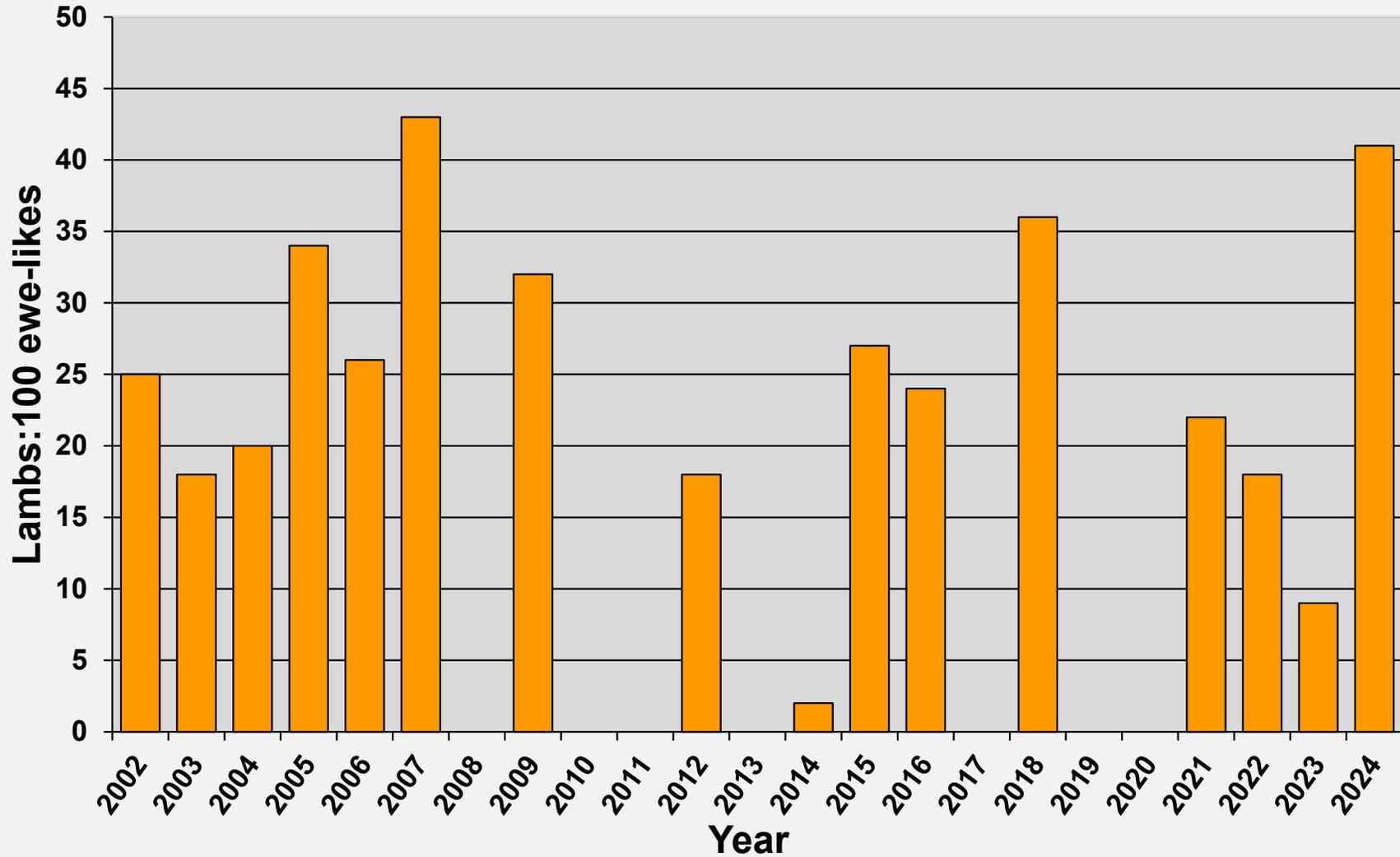
Brooks Range Sheep TCA

Lambs counted



Brooks Range Sheep TCA

Lambs:100 ewe-likes



Ray Mountain Caribou Herd

22 Satellite collars

15 VHF collars

Hodzana Hills Caribou Herd

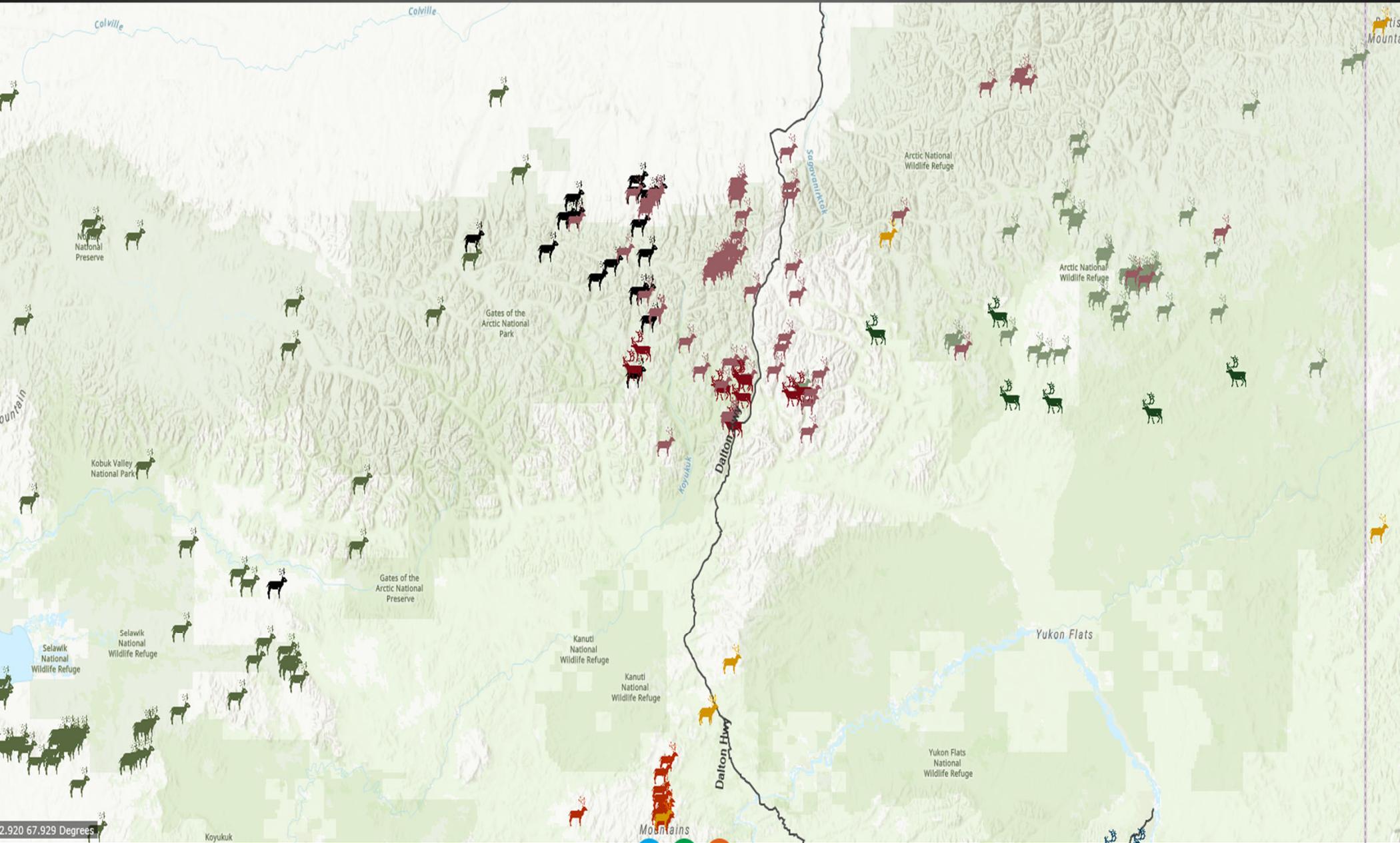
25 Satellite collars

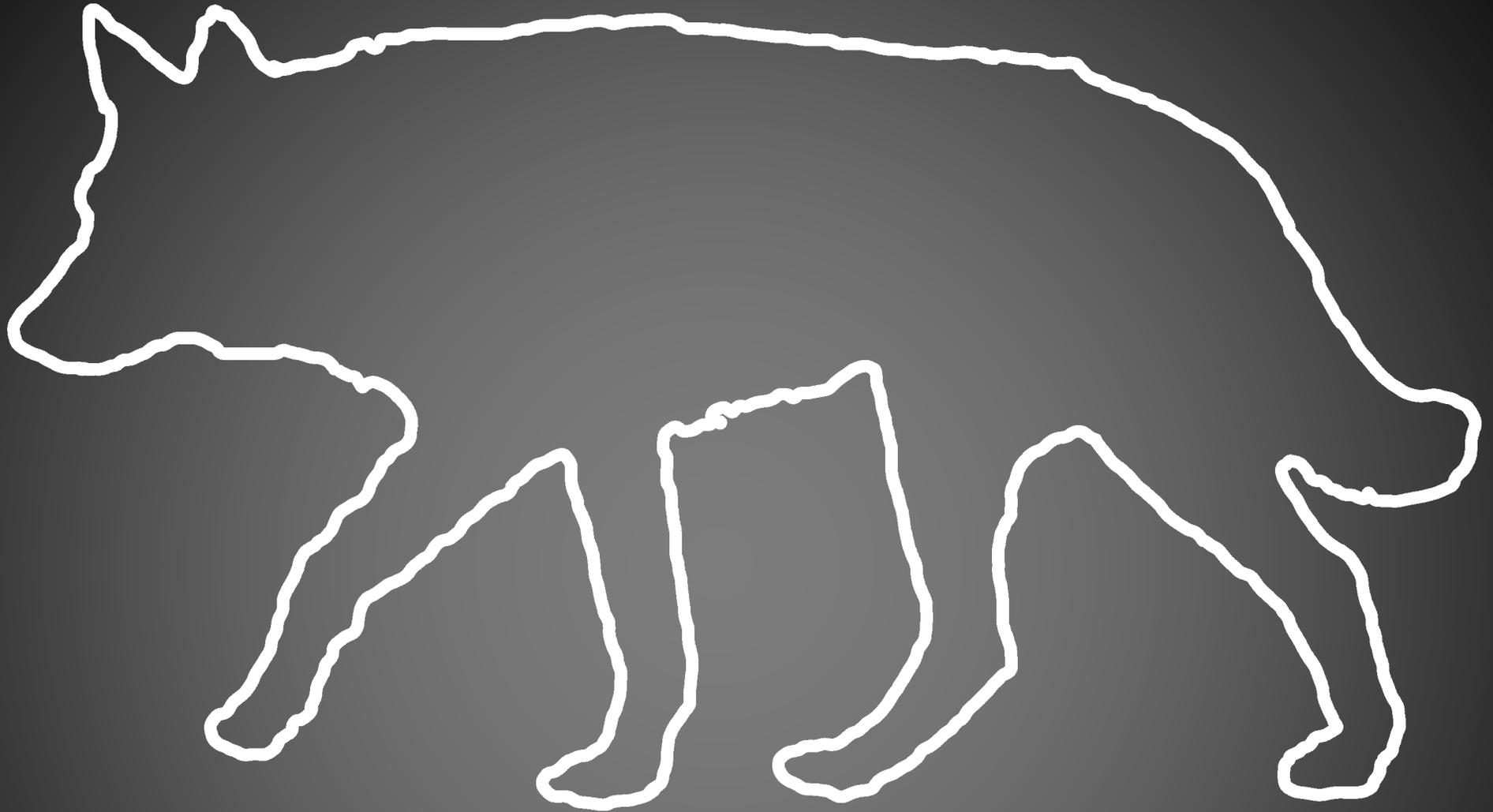
6 VHF collars

Identifying Critical Calving areas



Brooks Range Caribou Distribution Spring 2025





Kanuti Wolf Survey 2/23/25 – 4,752 mi²

69-72 wolves (13.89/1,000 mi²)

Down 4 from 2018

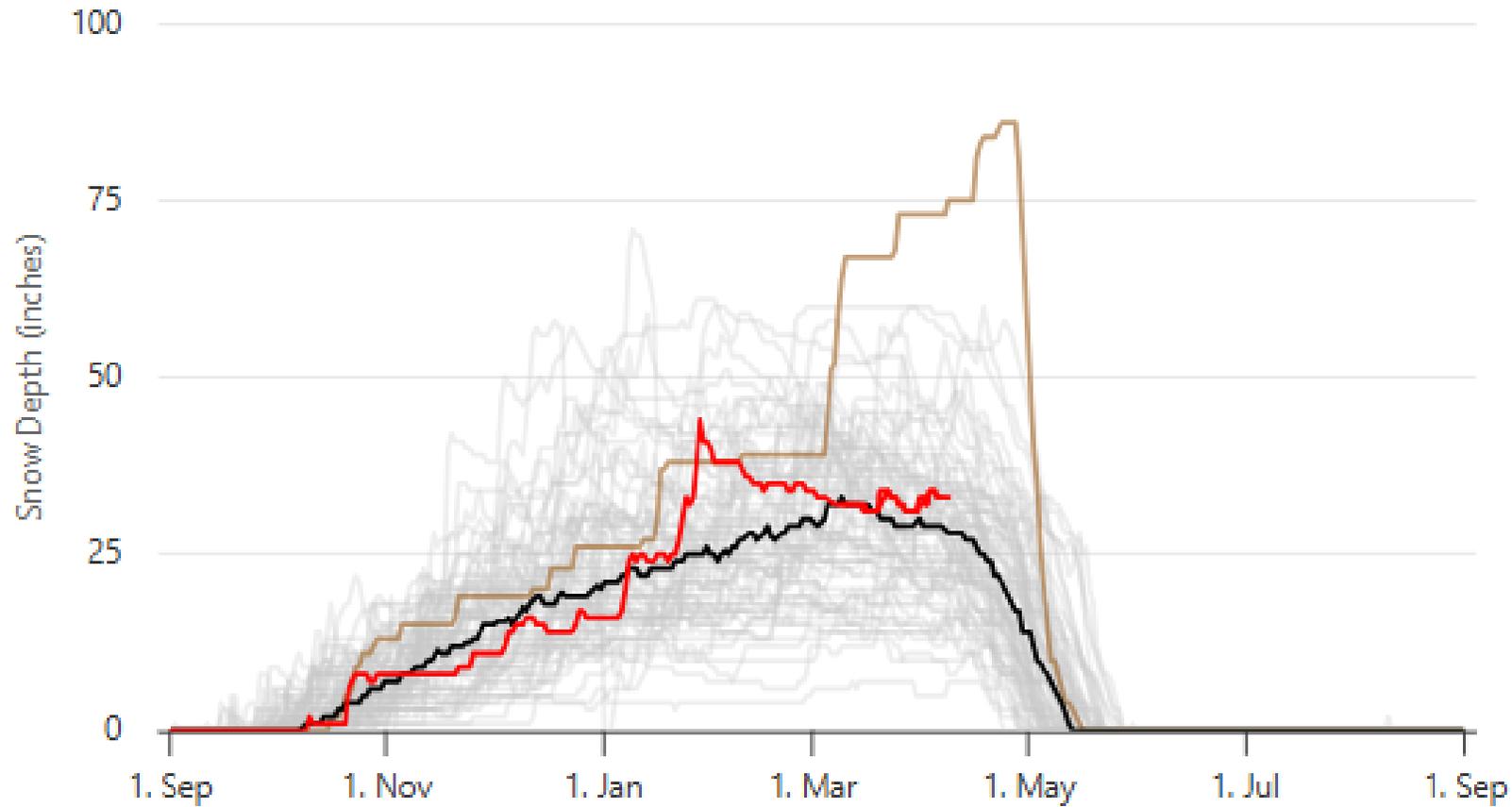
Down 24 from 2020

BETTLES AIRPORT Annual Snow Depth Plot



Period of Record - 1951-05-01 to 2025-04-07

Hover to Highlight Years



- RealTime Data - 30 days
 - Max 1962-1963
 - Average (median)
 - 2024-2025
 - Hide Historic
 - 2023-2024
 - 2022-2023
 - 2021-2022
 - 2020-2021
 - 2019-2020
 - 2018-2019
 - 2017-2018
 - 2016-2017
 - 2015-2016
 - 2014-2015
 - 2013-2014
 - 2012-2013
- ▲ 1/5 ▼

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Days with snow	187	205	201	206	228	206	219	203	219	223	222	-37
Days with 6 snow	179	159	185	144	204	202	170	182	195	190	186	-50
Days with 12 snow	168	126	177	126	197	166	164	170	185	184	181	-94
Days with 24 snow	101	22	116	69	144	155	145	26	141	76	126	1
Days with 36 snow	0	0	0	0	4	77	65	3	72	24	0	1
Days with <32° snow	209	197	210	204	188	207	196	190	213	203	201	-42
Days with <0° snow	156	134	99	127	108	116	149	164	134	161	120	-55
Days with <12" snow	197	239	189	239	168	199	202	195	180	181	185	459
Days w/o snow	178	160	165	159	137	159	147	162	146	142	144	402
Days > freezing	156	168	156	161	177	158	170	175	152	162	165	407
Severity Assessment	mild	mild	mod	mild	severe	severe	severe	mild	severe	mod	mod	mild

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2025



The End



Proposal #163

Reauthorize the 21D Antlerless season (RM831 winter hunt)

Proponent – ADF&G

ADF&G – **Support** MYAC – **Support**



Proposal #119

Change the Unit 21D/21E Boundary

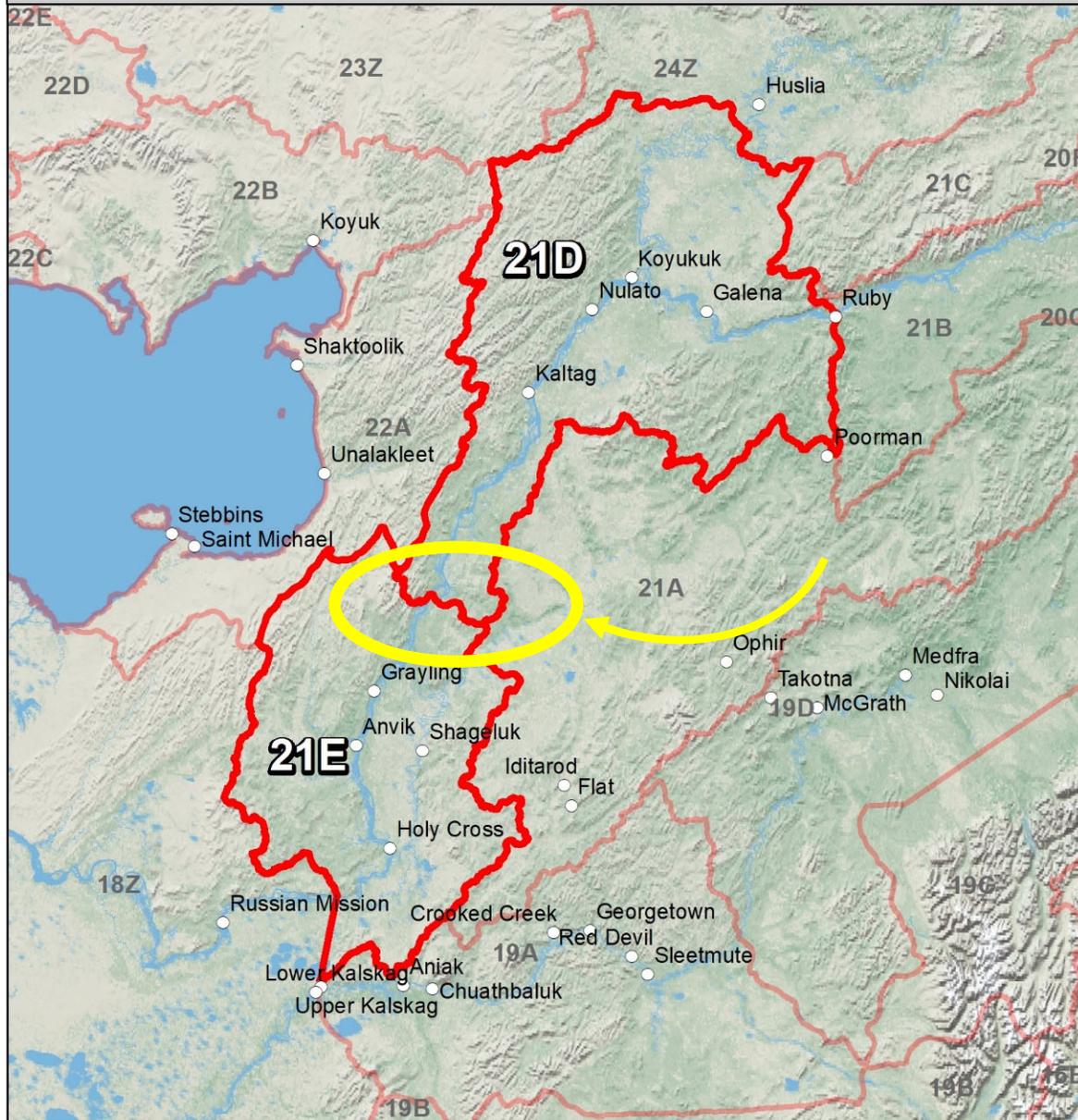
Proponent – GASH AC

ADF&G – **Oppose**

MYAC – **Oppose**

GASH – **Oppose**

Existing Boundary: GMU 21D & 21E



**Existing
Boundaries
for GMUs
21D and 21E**

Area of Interest



21D/E Boundary Change– 119-3

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