



# 19C Sheep Hunter Effort and Harvest Data

## Overview

The sheep harvest and hunter effort data presented here reflect a longer time frame, i.e., Historical Trends, and a more recent decade where both resident and nonresident opportunity was present (2013-2022). The 2023 harvest is not shown and totalled 5 sheep harvested during a season with no nonresident or youth opportunity. 2024 data are not yet available at the time of this meeting, and 10 legal rams have been reported thus far in the 2024 season. All data are preliminary and subject to change.

## Historical Trends

**Total Fall Sheep Hunters (19C): 1983-2023**

Data preliminary and subject to change

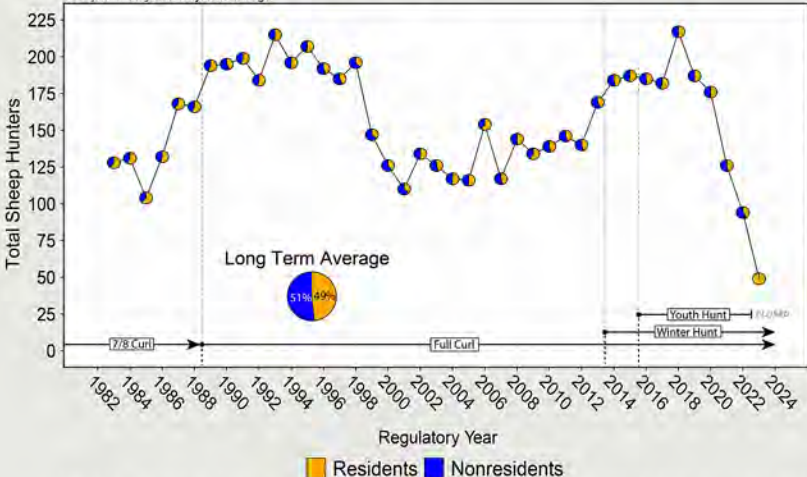


Figure 1. Total annual sheep hunters during the fall general season (GS000) from RY83 to RY23. Points and solid lines shows the total number of hunters, with orange and blue regions of each point showing the proportion of resident (orange) and nonresident (blue) hunters each year. The vertical dashed lines show the regulation changes occurring during the period (e.g., Full Curl mgmt., Youth Hunt, Winter Registration Hunt). Note that in RY23 hunting was closed to nonresident hunters. Unknown residency status are not shown but are generally a small number of individuals and typically earlier in the time series. RY24 hunter effort and harvest information was not available at the time of this meeting.

**Total Fall Sheep Harvest (19C): 1983-2023**

Data preliminary and subject to change

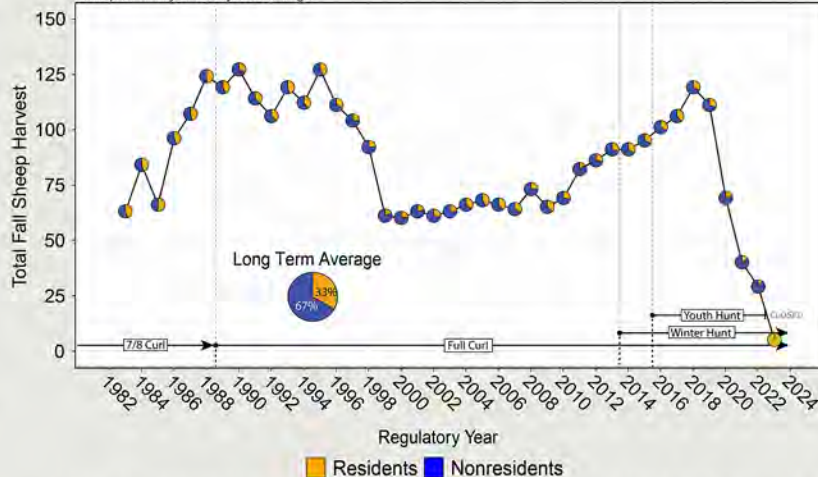


Figure 2. Total annual sheep harvested during the fall general season (GS000) from RY83 to RY23. Points and solid lines shows the total harvest, with orange and blue regions of each point showing the proportion of resident (orange) and nonresident (blue) hunters each year. The vertical dashed lines show the regulation changes occurring during the period (e.g., Full Curl mgmt., Youth Hunt, Winter Registration Hunt). Note that in RY23 hunting was closed to nonresident hunters. Unknown residency status are not shown but are generally a small number of individuals and typically earlier in the time series. RY24 harvest was not complete at the time of this meeting.

## Contemporary Trends (2013-2022)

**Total Fall Sheep Harvest (19C): 2013-2022**

Data preliminary and subject to change

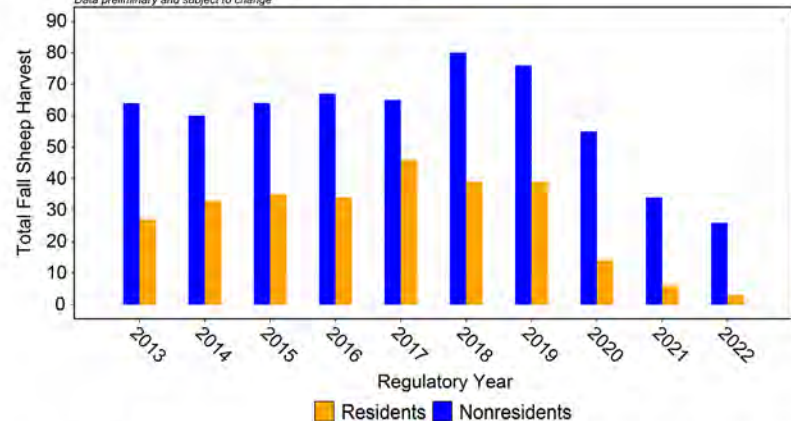


Figure 3. Total annual sheep harvested during the fall general season (GS000) from RY13 to RY22. Color indicates total fall resident (orange) and nonresident (blue) sheep harvested each year.

**Fall Sheep Hunter Success Rates (19C): 2013-2022**

Data preliminary and subject to change

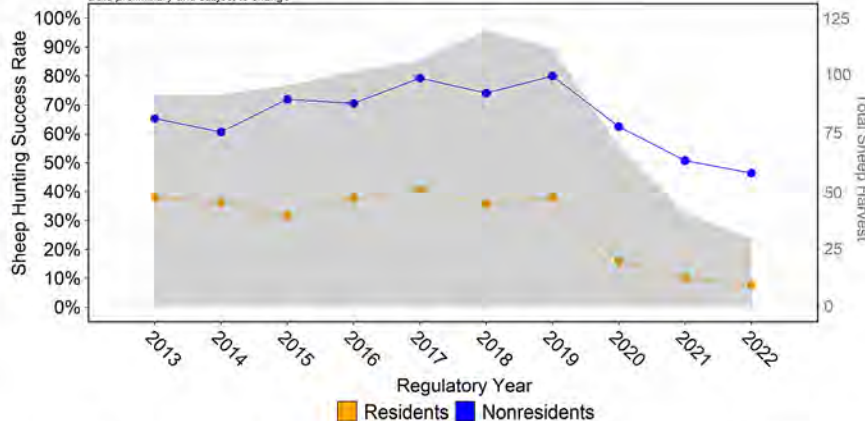


Figure 4. Success rates for the last decade where both resident and nonresident opportunity was present in GMU 19C (RY13 to RY22). Points and solid lines show the success rates for nonresident (blue) and resident (orange) hunters during the fall general season (GS000). The shaded region and right axis show the total sheep harvest for both residences combined.

**Sheep Harvest Chronology 19C: 2013-2022**

Data preliminary and subject to change

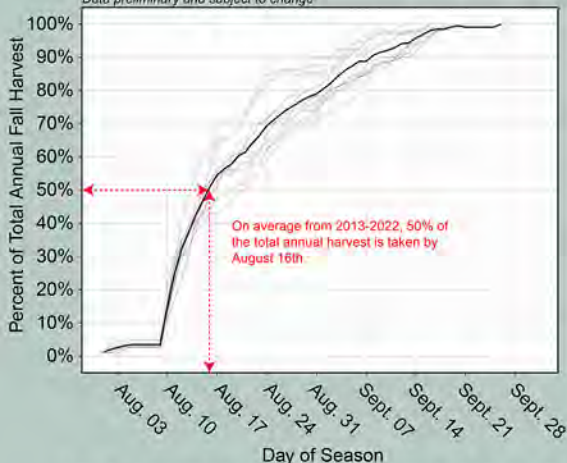


Figure 5. The percent of total harvest by day of season for the last decade where both resident and nonresident opportunity was present in GMU 19C (RY13 to RY22). The solid black line shows the average proportion of total harvest by day of the season and light grey lines show individual years. Dashed red arrows indicate, on average, where 50% of the harvest has occurred (August 16th).

**Age of Harvested Sheep 19C: 2013-2022**

Data preliminary and subject to change

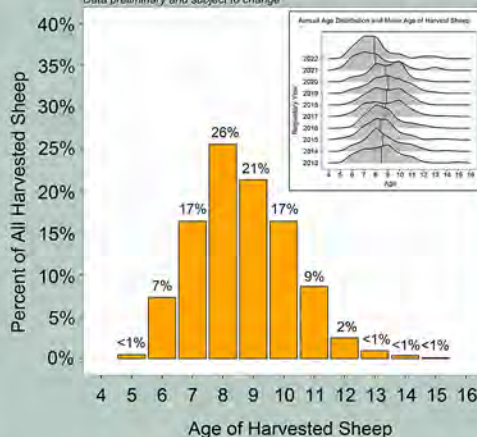


Figure 6. Age of harvested sheep during the fall hunt (GS000) for the last decade where both resident and nonresident opportunity was present in GMU 19C (RY13 to RY22). Orange bars show the proportion of each age in the total harvest over the 10 year period. The inset shows the smoothed annual density of ages for each regulatory year and the mean age (solid vertical bars).

Table 1. Youth and Winter Registration Hunt (RS380) from 2013-2024 in GMU 19C. Reported harvest and proportion of the total annual harvest.

Regulatory Year	Youth Harvest		RS380 (Winter Registration Hunt)	
	Reported Harvest	% of Total Harvest	Reported Harvest	% of Total Harvest
2013	No Opportunity		No Opportunity	
2014	No Opportunity		2	2.15%
2015	No Opportunity		4	4.04%
2016	3	2.97%	0	0.00%
2017	5	4.50%	5	4.50%
2018	6	5.04%	0	0.00%
2019	3	2.61%	4	3.48%
2020	2	2.90%	Closed	
2021	1	2.50%	0	0%
2022	0	0.00%	0	0%
2023	Closed		0	0%
2024	Closed		-	-
Average	2.86	2.93%	1.67	1.57%