



**COLORADO MOUNTAIN GOAT**  
**2023 POST HUNT POPULATION ESTIMATES - DRAFT - 12/27/2023**

Increasing from Previous Year  
 Decreasing from Previous Year

**Units With Recent Public Hunting Seasons**

UNIT DAU UNIT NAME			Population Estimate					Licenses (Includes BSAP, RFW, and STL)												Harvest								Harvest Rate (% of Population)				UNIT		
			Estimate			Basis ♦		2022			2023			2024			2021		2022		2023 Predicted		2024 Predicted		2021	2022	2023 Predicted	2024 Predicted						
			2021	2022	2023	2021	2022	2023	Archery	Rifle	Nanny	Archery	Rifle	Nanny	Archery	Rifle	Nanny	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female							
G01	01	Mt. Shavano	30	40	40	AC, GAO, PR	AC	AC	6	0	0	0	6	0	0	0	6	0	0	0	1	0	1	0	2	0	2	1	3.3	2.5	2.2	4.44	G01	
G14	01	Antero	40	50	50	AC, GAO, PR	AC	AC	See G01			See G01			See G01			2	1	3	1	See G01		See G01		7.5	8	See G01		See G01	G14			
G02	01	Princeton	50	50	50	AC, GAO, PR	AC	AC	0	0	5	0	0	0	5	0	0	0	5	0	3	1	2	1	3	1	3	1	8	6	8	8.00	G02	
G03	01	Mt. Harvard	240	240	240	AC, GAO, PR	AC	AC	0	0	40	0	0	0	40	0	0	0	40	0	16	12	17	13	18	8	18	10	11.7	12.5	10.4	12.10	G03	
G04	04	Mount Evans	100	75	75	CGC	CGC	CGC	0	0	8	0	0	0	8	0	0	0	8	0	5	3	5	3	5	3	5	3	8	10.7	10.7	10.70	G04	
G05	05	Needles	150	125	95	NI	GAO, PR	GOA PR	18	0	2	0	16	0	2	0	12	0	2	0	7	4	7	4	5	6	5	4	7.3	8.8	10.4	8.40	G05	
G06	06	Gore Range	135	110	110	CGC, GAO, PR	AC, PR	GAO, PR	0	0	25	0	0	0	25	0	0	0	25	0	6	5	9	6	7	6	12	8	8.1	13.6	11.8	18.20	G06	
G07	07	Gray's Peak	130	165	160	AC, GAO, PR	AC, PR	AC	0	0	8	4	0	0	12	4	0	0	12	8	5	6	8	3	7	6	8	11	8.5	6.7	7.9	11.90	G07	
G10	07	Tenmile	60	80	70	GAO, PR	AC, PR	GAO, O	0	0	14	8	0	0	14	14	0	0	14	14	9	12	11	10	7	14	9	11	35	26.3	26.3	28.60	G10	
G15	07	Jones Pass	35	15	15	CGC, GAO, PR	AC, PR	CGC, PR	0	0	5	2	0	0	4	1	0	0	4	1	2	1	2	2	2	1	2	1	8.6	26.7	20	20.00	G15	
G16	07	Mt. Guyot	95	170	160	AC, GAO, PR	AC, PR	AC	0	0	10	4	0	0	16	4	0	0	16	8	5	7	8	7	11	7	9	14	12.6	8.8	10.6	14.40	G16	
G08	08	Fossil Ridge	40	50	50	GAO, PR	PR	PR	5	0	0	0	5	0	0	0	5	0	0	0	1	1	1	2	1	0	1	1	5	6	2	4.00	G08	
G11	11	The Raggeds	160	120	120	GAO, PR	AC, GAO, PR, CG	GAO, PR	0	0	24	0	0	0	14	0	0	0	14	0	11	6	15	5	7	4	10	3	10.6	17.5	8.3	10.80	G11	
G12	12	Maroon Bells	330	320	160	GAO, PR	AC, MR, GAO, PR	AC, GAO, PR	0	0	60	20	0	0	60	20	0	0	30	10	21	20	29	20	28	18	14	13	12.4	15.3	14.4	16.90	G12	
G17	17	Independence Pass	40	40	40	AC, GAO, PR	AC	AC, PR	0	0	6	0	0	0	6	0	0	0	6	0	2	3	3	2	2	2	3	3	12.5	12.5	12.5	12.50	G17	
G18	17	Holy Cross	20	25	25	PR	GAO, PR	GAO, PR	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	2	2	3	1	0	0	16	16.00	G18	
Sub-total or Average			1655	1675	1460				29	0	207	38	27	0	210	43	23	0	180	41	96	82	121	79	107	78	104	85	10.8	11.9	12.7	12.9		
Grand Total			1660	1680	1460				274			280			244																			

**Units Without Public Hunting Seasons**

UNIT DAU UNIT NAME			Population Estimate				
			Estimate			Basis ♦	
2021	2022	2023	2021	2022	2023		
N/A		Mosquito Range	5	5	0	NI, PR, AC	PR, GAO
		Rawah-Never Summers	0	0	0		GAO
Sub-total or Average			5	5	0		

♦ Basis for population estimate (listed in order by weight)  
 MR = Mark/Resight  
 CGC = Coordinated Ground Count  
 AC = Aerial Count  
 BSO = Bait Site Observations  
 GAO = General Agency Observation (by CPW, USFS, BLM, USGS, or NPS)  
 PR = Public Reports (by hunters, outfitters, landowners, RMBS, etc.)  
 PM = Population Model  
 NI = No Information Available.  
 O = Other

Notes:

- 1 New unit for 2007. Formerly Mt Elber/Massive. 2006 estimate accounts for 19 goats removed in 2006 for translocation to South C
- 2 Combined with G01 and G14 in 2010
- 3 G10 new unit 2012
- 4 G01 Rifle season closed, archery combined with G14 in 2014
- 5 G18 Opened in 2015
- 6 G18 Closed in 2018
- 7 Combined G03 and G13, using G03 for GMU and DAU name
- 8 G18 Opened in 2022

**COLORADO ROCKY MOUNTAIN BIGHORN SHEEP**  
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			Population Estimate						Licenses (Includes BSAP, RFW, and STL)												Harvest								Harvest Rate (% of Population)																				
UNIT	DAU	UNIT NAME	Estimate			Basis			2022			2023			2024			2021		2022		2023 Predicted		2024 Predicted		2021		2022		2023 Predicted		2024 Predicted		UNIT															
			2021	2022	2023	2021	2022	2023	Ram	E/S	Ewe	Ram	E/S	Ewe	Ram	E/S	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe																		
S01	01	Poudre River	80	70	70	CGC	CGC	GAO, PR, O	0	0	0	4	0	1	0	0	0	5	0	1	0	0	0	5	0	1	2	0	0	1	4	1	3	1	2.5	0	0	1.4	4	1	2.73	0.91	S01						
S18	01	Rawah	30	30	40	CGC	CGC	CGC, GAO, PR	See S01						See S01						See S01					See S01										6.7	0	6.7	0	See S01	See S01	See S01		S18					
S40	01	Lone Pine	15	12	12	CGC	CGC	CGC, GAO, O	0	0	0	2	0	1	0	0	0	2	0	1	0	0	0	2	0	1	1	0	0	0	2	1	2	1	6.7	0	0	0	3.5	1.8	4.26	2.13	S40						
S58	01	Lower Poudre River	45	45	35	CGC	CGC	CGC, GAO, O	See S40						See S40						See S40					See S40												2.2	2.2	4.4	2.2	See S40	See S40	See S40		S58			
S19	02	Never Summer Range	50	50	30	CGC, GAO, PR	CGC, GAO	CGC, GAO, PR	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	2	0	2	0	2	0	3.30	0.00	S19						
S37	02	St. Vrain	60	60	50	CGC, GAO	CGC, GAO	CGC, GAO, PR	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	2	0	1	0	2	0	2	0	3.3	0	1.7	0	3.3	0	4.00	0.00	S37						
S57	02	Big Thompson Canyon	85	85	85	CGC, GAO	CGC, GAO	CGC, GAO, PR	3	0	2	0	0	0	3	0	2	0	0	0	3	0	2	0	0	0	1	2	2	1	2	2	3	1	1.2	2.4	2.4	1.2	2.4	2.4	3.50	1.20	S57						
S32	03	Georgetown	350	300	250	CGC, GAO, Model	CGC	CGC, GAO, PR, Mod	10	0	6	9	0	7	10	0	6	9	0	7	10	0	4	9	0	4	6	3	9	4	8	4	8	3	1.7	0.9	3	1.3	2.7	1.3	3.20	1.20	S32						
S03	04	Mount Evans	180	187	190	CGC	CGC	CGC	0	0	0	7	0	6	0	0	0	7	0	8	0	0	0	7	0	8	3	4	6	5	4	4	5	4	1.7	2.2	3.2	2.7	2.1	2.1	2.60	2.10	S03						
S04	04	Grant	55	44	30	CGC	CGC	CGC	0	0	0	2	0	1	0	0	0	2	0	1	0	0	0	2	0	1	2	1	2	1	2	1	3.6	1.8	4.5	2.3	4.5	2.3	6.70	3.30	S04								
S41	04	Peru Creek	55	80	60	CGC	CGC	CGC	0	0	0	1	0	3	0	0	0	1	0	4	0	0	0	1	0	4	1	2	0	3	0	2	1	4	1.8	3.6	0	3.8	0	2.5	1.70	6.70	S41						
S12	05	Buffalo Peaks	200	200	200	AC, GAO, PR	AC, GAO, PR	GAO, PR	8	0	0	6	0	2	8	0	0	6	0	2	8	0	0	6	0	2	3	3	8	2	5	1	6	2	1.5	1.5	4	1	2.5	0.5	3.00	1.00	S12						
S39	05	Mount Silverheels	30	25	12	AC, GAO, PR	AC, GAO, PR	GAO, PR	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	0	1	0	0	6.7	6.7	0	0	4	0	0.00	0.00	S39						
S78	05	Ten Mile	10	0	0	AC, GAO, PR	AC	GAO, PR	See S12						See S12						See S12					See S12													0	0	0	0	See S12	See S12	See S12		S78		
S23	06	Kenosha	25	20	50	CGC, GAO	GAO	CGC	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	1	0	2	0	0	0	0	0	1.3	0	1.33	0.00	S23						
S27	06	Tarryall	100	60	100	CGC, GAO	GAO	CGC	See S23						See S23						See S23					See S23														2	0	5	0	See S23	See S23	See S23		S27	
S42	07	Waterton Canyon	65	75	60	CGC	NI	CGC	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	3.1	3.1	2.7	2.7	2.7	2.7	3.30	3.30	S42						
S05	08	Beaver Creek	20	25	25	NI, PR	NI, PR	NI, PR	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	2	0	1	0	1	0	0	0	0	0	4	0	0	4.00	0	S05							
S06	08	Pike's Peak	130	140	115	CGC	CGC	CGC	1	0	0	2	0	2	1	0	0	2	0	2	1	0	0	2	0	2	3	1	3	1	3	2	3	2	2.3	0.8	2.1	0.7	2	1.3	2.40	1.60	S06						
S46	08	Dome Rock	20	10	10	CGC	CGC	CGC	See S06						See S06						See S06					See S06															0	0	0	0	See S06	See S06	See S06		S46
S07	09	Arkansas River	80	80	80	GAO, AC, PR	GAO, PR	GAO, PR	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	2	0	2	0	2	0	2	0	2.5	0	2.5	0	2.5	0	2.50	0.00	S07						
S47	09	Brown's Canyon	80	80	80	GAO, AC, PR	GAO, PR	GAO, PR	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	3	0	0	2	0	2	0	2	0	3	0	2.5	0	2.5	0	2.5	0	3.80	0.00	S47						
S49	09	Grape Creek/Copper Rg	175	175	175	GAO, AC, PR	GAO	GAO	3	0	0	2	0	0	3	0	0	2	0	0	3	0	0	2	0	0	4	0	5	0	2	0	3	0	2.3	0	2.9	0	1.1	0	1.70	0.00	S49						
S79	09	Pueblo West	25	25	25	GAO, AC, PR	GAO	GAO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	8.00	0.00	S79								
S08	10	Huerfano	80	120	120	AC, GOA, PR	AC, GAO, PR	GAO, PR	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	2	0	3	0	3	0	3	0	2.5	0	2.5	0	2.5	0	2.50	0.00	S08						
S09	10	Sangre de Cristo	325	270	280	AC, GOA, PR	AC, GAO, PR	GAO, PR	9	0	0	9	0	5	9	0	0	9	0	5	9	0	0	9	0	5	6	1	6	1	10	2	7	1	1.8	0.3	2.2	0.4	3.7	0.7	2.50	0.40	S09						
S68	10	Northern Sangre de Cristo	40	40	40	AC, PR	AC, GAO, PR	AC, GAO, PR	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0.00	0.00	S68						
S10	11	Trickle Mtn.	35	60	60	AC, GOA, PR	GAO, PR	GAO, PR	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	2.9	0	1.7	0	0	0	1.70	0.00	S10						
S20	11	Marshall Pass	60	60	60	AC, GOA, PR	AC, GAO, PR	AC, GAO, PR	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0	0	0	3	0	1	0	1	0	0	0	5	0	1.7	0	1.70	0.00	S20					
S11	12	Collegiate North	125	125	125	GAO, PR	AC, PR	PR, GAO	0	0	0	6	0	2	0	0	0	6	0	2	0	0	0	6	0	2	5	0	4	0	4	1	4	0	4	0	3.2	0	3.2	0.8	3.20	0.00	S11						
S17	12	Collegiate South	125	125	125	GAO, PR	AC, PR	PR, GAO	0	0	0	6	0	2	0	0	0	6	0	2	0	0	0	6	0	2	3	1	4	2	3	1	4	1	2.4	0.8	3.2	1.6	2.4	0.8	3.20	0.80	S17						
S66	12	Mt. Elbert	125	125	125	GAO, PR	AC, PR	PR, GAO	2	0	0	6	0	2	2	0	0	6	0	2	2	0	0	6	0	2	5	1	4	2	5	2	4	2	4	0.8	3.2	1.6	4	1.6	3.20	1.60	S66						
S13	13	Snowmass East	100	100	100	GAO, PR	GAO, BSO, AC	GAO, PR	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	2	0	3	0	2	0	3	0	2	0	3	0	0	3.00	0.00	S13							
S25	13	Snowmass West	40	40	40	GAO, PR	GAO	GAO, PR	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	2.5	0	0	0	2.5	0	2.50	0.00	S25						
S34																																																	

**COLORADO ROCKY MOUNTAIN BIGHORN SHEEP  
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**Units Without Public Hunting Seasons**

			Population Estimate					
UNIT	DAU	UNIT NAME	Estimate			Basis ♦		
			2021	2022	2023	2021	2022	2023
S83	02	RMNP - East Side, Fall RI/Mummy Range	75	75	75	NI	NI	NI
S83	02	RMNP - Continental Divide	100	100	100	NI	NI	NI
S83	02	RMNP - Never Summer Range	200	200	200	NI	NI	NI
S43	06	Hayman	25	20	20	CGC, GAO	GAO	GAO
S76	12	Holy Cross	5	5	8	PR	GAO, PR	GAO, PR
S86	16	Cucharas canyon	35	30	40	GAO	GAO	GAO, PR
S52	22	Rock Creek	5	5	2	GAO, PR	GAO, PR	AC, GAO, PR
S80	29	Black Canyon	30	80	80	GAO, PR	AC, GAO	AC, GAO
S81	30	Lower Lake Fork, Gunnison Ri.	5	5	5	AC	AC, PR, GAO	AC, PR, GAO
S84	31	Mesa Verde	5	5	0	NI	NI	GAO
S14	33	Clinetop Mesa	10	10	10	GAO, PR	NI	NI
S45	36	Cross Mountain	0	0	0	GAO		NI
S82	36	Cold Springs	0	0	0	GAO		NI
S85	36	DNM - Harper's Corner-Jone's Hole	40	40	40	GAO		GAO
S85	36	DNM - Green River-Ladore Can.	40	40	40	GAO		GAO
S85	36	DNM - Yampa River	40	40	40	GAO		GAO
<b>Sub-total or Average</b>			<b>615</b>	<b>655</b>	<b>660</b>			
<b>Grand Total</b>			<b>7475</b>	<b>7485</b>	<b>6982</b>			

♦ Basis for population estimate (listed in order by weight)  
**MR** = Mark/Resight  
**CGC** = Coordinated Ground Count  
**AC** = Aerial Count  
**BSO** = Bait Site Observations  
**GAO** = General Agency Observation (by CPW, USFS, BLM, USGS, or NPS)  
**PR** = Public Reports (by hunters, outfitters, landowners, RMBS, etc.)  
**PM** = Population Model  
**NI** = No Information Available.  
**O** = Other

- Notes:
- 1 S01 licenses are also valid in S18.
  - 2 Animals in this unit are moving back and forth across the NPS boundary in the Never Summer Range and may not be accessible to hunters.
  - 3 S26 was split into S26 and S70 in 2005.
  - 4 2005 population estimate is for both resident and migratory sheep from S06 that winter in S46.
  - 5 Accounts for 40 sheep translocated from S65 to Mt Zirkel in 2005
  - 6 Rio Grande River and Box Canyon included with S53 in 2006.
  - 7 S71 Opened to hunting in 2007.
  - 8 S55 closed to hunting beginning in 2006.
  - 9 S23 & S27 were combined for licenses in 2008 (i.e., 2 licenses good for both units combined).
  - 10 An all age die-off of the S70 herd began in Dec 2007. The 2007 population estimate is for prior to this die off.
  - 11 Unit created and opened to hunting in 2009.
  - 12 S26 license for 2008 was transferred to S?? and S26 was closed to hunting because of low sheep numbers.
  - 13 S46 license also valid in S6 in 2009.
  - 14 S47 licenses split
  - 15 S19 Ram license changed to either-sex for 2022 hunting season