

COLORADO ROCKY MOUNTAIN BIGHORN SHEEP
2024 POST HUNT POPULATION ESTIMATES - FINAL - 12/18/2024

Increasing from Previous Year
Decreasing from Previous Year

Units With Recent Public Hunting Seasons			Population Estimate						Licenses (Includes BSAP, RFW, and STL)																		Harvest								Harvest Rate (% of Population)																
			Estimate			Basis ♦			2023						2024						2025						2022				2023				2024 Predicted				2025 Predicted				2022		2023		2024 Predicted		2025 Predicted		
UNIT	DAU	UNIT NAME	2022	2023	2024	2022	2023	2024	Ram	E/S	Ewe	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	Ram	Ewe	Ram	Ewe	UNIT												
S01	01	Poudre River	70	70	35	CGC	GAO, PR, O	CGC, AC, GAO, PR	0	0	0	5	0	1	0	0	0	5	0	1	0	0	0	2	0	1	0	1	2	1	2	1	4	1	2	1	0	1	2	1	0	1	1.4	1.82	S01						
S18	01	Rawah	30	40	20	CGC	CGC, GAO, PR	CGC, AC, GAO, PR													See S01						2	0	0	0	0	0	0	0	0	See S01							6.7	0	0	0	See S01	S18			
S40	01	Lone Pine	12	12	15	CGC	CGC, GAO, O	CGC, AC, PR	0	0	0	2	0	1	0	0	0	2	0	1	0	0	0	2	0	1	0	0	0	0	0	0	2	1	2	1	0	1	2	1	0	1	4.3	3.64	1.82	S40					
S58	01	Lower Poudre River	45	35	40	CGC	CGC, GAO, O	CGC, PR, GAO													See S40						2	1	2	1	0	0	See S40									4.4	2.2	5.7	2.9	0	0	See S40	S58		
S19	02	Never Summer Range	50	30	100	CGC, GAO	CGC, GAO, PR	CGC, PR, GAO	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	1	0	1	0	1	3.3	0	1.00	0.00	S19							
S37	02	St. Vrain	60	50	40	CGC, GAO	CGC, GAO, PR	CGC, PR, GAO	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	2	0	2	0	2	0	2	0	0	4	0	5.00	0.00	S37									
S57	02	Big Thompson Canyon	85	85	55	CGC, GAO	CGC, GAO, PR	CGC, PR, GAO	3	0	2	0	0	0	3	0	2	0	0	0	1	0	1	0	0	0	2	1	2	0	0	3	1	1	1	1	1	1	3.5	1.2	1.80	1.80	S57								
S32	03	Georgetown	300	250	225	CGC	CGC, GAO, PR, PM	CGC	10	0	6	9	0	7	10	0	4	9	0	4	6	0	1	6	0	1	9	4	8	5	8	3	5	1	3	1.3	3.2	2	3.2	1.2	2.20	0.40	S32								
S03	04	Mount Evans	187	190	270	CGC	CGC	CGC	0	0	0	7	0	8	0	0	0	7	0	8	0	0	0	7	0	12	6	5	5	4	5	4	5	4	3.2	2.7	2.6	2.1	2.6	2.1	1.90	1.50	S03								
S04	04	Grant	44	30	25	CGC	CGC	CGC	0	0	0	2	0	1	0	0	0	2	0	1	0	0	0	2	0	2	2	1	2	1	2	1	2	1	4.5	2.3	6.7	3.3	6.7	3.3	8.00	4.00	S04								
S41	04	Peru Creek	80	60	85	CGC	CGC	CGC	0	0	0	1	0	4	0	0	0	1	0	4	0	0	0	1	0	5	0	3	1	2	1	4	2	3	0	3.8	1.7	3.3	1.7	6.7	2.40	3.50	S41								
S12	05	Buffalo Peaks	200	200	200	AC, GAO, PR	GAO, PR	AC, GAO, PR	8	0	0	6	0	2	8	0	0	6	0	2	8	0	0	6	0	2	8	2	7	2	6	2	6	2	4	1	3.5	1	3	1	3.00	1.00	S12								
S39	05	Mount Silverheels	25	12	20	AC, GAO, PR	GAO, PR	AC	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.00	0.00	S39										
S78	05	Ten Mile	0	0	0	AC	GAO, PR	GAO, PR													See S12						0	0	0	0	0	0	0	0	0	See S12					0	0	See S12	S78							
S23	06	Kenosha	20	50	55	GAO	CGC	AC	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1.3	0	1.43	0.00	S23								
S27	06	Tarryall	60	100	85	GAO	CGC	AC													See S23						3	0	1	0	0	0	See S23								5	0	1	0	0	0	See S23	S27			
S42	07	Waterton Canyon	75	60	70	NI	CGC	CGC	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	0	2	2	2	2	1	2	2	2	2	2.7	2.7	3.3	1.7	3.3	3.3	2.90	2.90	S42								
S05	08	Beaver Creek	25	25	25	NI, PR	NI, PR	GAO, PR	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	1	0	1	0	1	0	1	0	4	0	4	0	4	0	4.00	0	S05								
S06	08	Pike's Peak	140	115	125	CGC	CGC	CGC	1	0	0	2	0	2	1	0	0	2	0	2	1	0	0	2	0	2	3	1	3	2	3	2	3	1	2.1	0.7	2.6	1.7	2.4	1.6	2.40	1.60	S06								
S46	08	Dome Rock	10	10	15	CGC	CGC	GAO, PR													See S06						0	0	0	0	0	0	0	0	0	See S06					0	0	See S06	S46							
S07	09	Arkansas River	80	80	80	GAO, 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, PR	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	0	3	0	2	0	2.5	0	3.8	0	3.8	0	2.50	0.00	S47							
S49	09	Grape Creek/Copper Rg	175	175	175	GAO	GAO	GAO	3	0	0	2	0	0	3	0	0	2	0	0	3	0	0	2	0	0	5	0	5	0	3	0	5	0	2.9	0	2.9	0	1.7	0	2.90	0.00	S49								
S79	09	Pueblo West	25	25	25	GAO	GAO	GAO	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	8	0	8.00	0.00	S79										
S08	10	Huerfano	120	120	120	AC, GAO, PR	GAO, PR	GAO, PR	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	3	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	270	280	300	AC, GAO, PR	GAO, PR	GAO, PR	9	0	0	9	0	5	9	0	0	9	0	5	9	0	0	9	0	5	6	1	12	2	7	1	8	1	2.2	0.4	4.3	0.7	2.5	0.4	2.70	0.30	S09								
S68	10	Northern Sangre de Cristo	40	40	40	AC, GAO, 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	0	0	1	0	0	0	0	1	0	0	0	2.5	0	0	2.50	0.00	S68								
S10	11</																																																		

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Units Without Public Hunting Seasons								
			Population Estimate					
			Estimate			Basis ♦		
UNIT	DAU	UNIT NAME	2022	2023	2024	2022	2023	2024
S83	02	RMNP - East Side, Fall Ri./Mummy Range	75	75	75	NI	NI	GAO
S83	02	RMNP - Continental Divide	100	100	100	NI	NI	GAO
S83	02	RMNP - Never Summer Range	200	200	200	NI	NI	GAO
S43	06	Hayman	20	20	20	GAO	GAO	AC
S76	12	Holy Cross	5	8	10	GAO, PR	GAO, PR	NI
S86	16	Cucharas canyon	30	40	50	GAO	GAO, PR	CGC
S52	22	Rock Creek	5	2	5	GAO, PR	AC, GAO, PR	GAO, PR
S81	30	Lower Lake Fork, Gunnision Ri.	5	5	10	AC, PR, GAO	AC, PR, GAO	GAO, PR
S84	31	Mesa Verde	5	0	0	NI	GAO	NI
S14	33	Clinetop Mesa	10	10	10	NI	NI	NI
S45	36	Cross Mountain	0	0	0		NI	NI
S82	36	Cold Springs	0	0	0		NI	NI
S85	36	DNM - Harper's Corner-Jone's Hole	40	40	45		GAO	GAO
S85	36	DNM - Green River-Ladore Can.	40	40	45		GAO	GAO
S85	36	DNM - Yampa River	40	40	20		GAO	GAO
Sub-total or Average			575	580	590			
Grand Total			7485	6982	7060			

♦ 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

16 S80 opened to hunting in 2025