

**COLORADO DESERT BIGHORN SHEEP**  
**2022 POST HUNT POPULATION ESTIMATES - DRAFT - 12/13/2022**

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 ♦			2021				2022				2023				2019		2021		2022 Predicted		2023 Predicted		2019		2021		2022 Predicted		2023 Predicted		
UNIT	DAU	2020	2021	2022	2020	2021	2022	Archery	Rifle	Archery	Rifle	Archery	Rifle	Archery	Rifle	2019	2021	2022 Predicted	2023 Predicted	2019	2021	2022 Predicted	2023 Predicted	2019	2021	2022 Predicted	2023 Predicted	UNIT								
								Ram	Ewe	Ram	Ewe	Ram	E/S	Ewe	Ram	E/S	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe							
S56	60	200	200	150	NI	CGC, GAO, PR	AC, CGC, GAO, PR	0	0	4	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	S56			
S63	61	75	75	75	CGC, GAO, PR	CGC, PR	CGC, GAO, PR	0	0	2	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	S63			
S64	61	110	110	110	CGC, GAO, PR	CGC, PR	CGC, PR	0	0	3	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	S64			
S62	60	165	165	165	CGC, GAO, PR	CGC, GAO, PR	CGC, GAO, PR	0	0	5	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	S62				
<b>Grand Total</b>		<b>550</b>	<b>550</b>	<b>500</b>				<b>14</b>				<b>15</b>				<b>15</b>																				

**COLORADO MOUNTAIN GOAT**  
**2022 POST HUNT POPULATION ESTIMATES - DRAFT - 12/13/2022**

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)								UNIT					
			Estimate			Basis *			2021			2022			2023			2019		2021		2022 Predicted		2023 Predicted		2019		2021		2022 Predicted		2023 Predicted							
			2020	2021	2022	2020	2021	2022	Archery E/S	Nanny	Rifle E/S	Nanny	Archery E/S	Nanny	Rifle E/S	Nanny	Archery E/S	Nanny	Rifle E/S	Nanny	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female							
G01	01	Mt. Shavano	30	30	40	AC, GAO, PR	GAO, PR	AC	6	0	0	0	0	6	0	0	0	0	6	0	0	0	0	1	0	1	0	1	1	2	0	3.3	0	3.3	3.3	0	0	2.22	0.00
G14	01	Antero	40	40	50	AC, GAO, PR	GAO, PR	AC	0	0	0	0	0	0	0	0	0	0	0	3	2	1	1	1	1	1	1	1	1	1	0	7.5	5	5	0	0	0	See G01	
G02	01	Princeton	50	50	50	AC, GAO, PR	GAO, PR	AC	0	0	5	0	0	0	0	0	5	0	2	1	3	1	3	1	3	1	3	1	3	1	4	2	6	6	0	0	6.00	2.00	
G03	01	Mt. Harvard	240	240	240	AC, GAO, PR	GAO, PR	AC	0	0	40	0	0	0	0	0	40	0	4	0	16	12	17	6	18	8	8	8	8	1.7	0	6.7	6.7	0	0	7.50	3.30		
G04	04	Mount Evans	95	100	75	CGC	CGS	CGC	0	0	8	0	0	0	0	0	8	0	5	2	5	3	3	3	5	3	3	3	4.3	1.7	5	5	0	0	6.70	4.00			
G05	05	Needles	150	150	125	AC, GAO	NI	GAO, PR	18	0	2	0	0	18	0	2	0	16	0	6	8	7	4	6	8	5	6	6	4	5.3	4.7	4.7	0	0	4.00	4.80			
G06	06	Gore Range	130	135	110	CGC, AC	CGC, BAO	AC, PR	0	0	15	0	0	0	0	0	25	0	2	0	6	5	10	8	7	6	6	6	2.1	0	4.4	4.4	0	0	6.40	5.50			
G07	07	Gray's Peak	160	130	165	AC	GAO, PR, CGC	AC, PR	0	0	8	4	0	0	0	8	4	0	0	9	12	5	6	4	7	7	6	6	5.6	7.5	3.8	3.8	0	0	4.20	3.60			
G10	07	Tenmile	90	60	80	AC	GAO, PR	AC, PR	0	0	14	8	0	0	0	14	8	0	0	8	7	9	12	6	12	7	14	8	8.9	7.8	15	15	0	0	8.80	17.50			
G15	07	Jones Pass	30	35	15	CGC	GAO, PR	AC, PR	0	0	5	2	0	0	0	5	2	0	0	2	2	2	1	2	2	2	1	1	10	10	5.7	5.7	0	0	13.30	6.70			
G16	07	Mt. Guyot	95	95	170	AC	GAO, PR, CGC	AC, PR	0	0	10	4	0	0	0	10	4	0	0	13	14	5	7	6	8	11	7	7	13.7	14.7	5.3	5.3	0	0	6.50	4.10			
G08	08	Fossil Ridge	40	40	50	AC, GAO	GAO, PR	PR	3	0	0	0	5	0	0	0	0	5	0	1	0	1	1	1	1	1	0	0	2.5	0	2.5	2.5	0	0	2.00	0.00			
G11	11	The Raggeds	140	160	120	GAO, PR	GAO, PR, CGC	AC, GAO, PR, CGC	0	0	16	0	0	0	0	16	0	0	0	5	5	11	6	9	6	7	4	4	3.6	3.6	6.9	6.9	0	0	5.80	3.30			
G12	12	Maroon Bells	270	330	320	MR, AC	GAO, PR	AC, MR, GAO, PR	0	0	50	10	0	0	0	60	20	0	0	19	22	20	20	22	31	28	18	18	7	8.1	6.1	6.1	0	0	8.80	5.60			
G17	17	Independence Pass	40	40	40	AC, GAO, PR	GAO, PR	AC	0	0	6	0	0	0	0	6	0	0	0	2	1	2	3	3	2	2	2	2	5	2.5	5	5	0	0	5.00	5.00			
G18	17	Holy Cross	10	20	25	NI	GAO, PR	GAO, PR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	8.00	8.00			
Sub-total or Average			1560	1595	1610				27	0	179	28	29	0	207	38	27	0	210	43	77	76	93	79	91	95	103	74	5	5	5.8	5	5.7	5.9	6.4	4.6			
Grand Total			1560	1600	1615				234				274				280																						

**Units Without Public Hunting Seasons**

Units Without Public Hunting Seasons			Population Estimate					
			Estimate			Basis *		
UNIT	DAU	UNIT NAME	2020	2021	2022	2020	2021	2022
N/A		Mosquito Range	0	5	5	GAO	NI, PR, AC	PR, GAO
		Rawah-Neve Summers	0	0	0	GAO		GAO
Sub-total or Average			0	5	5			

\* 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 Dakota.
  - 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  
2022 POST HUNT POPULATION ESTIMATES - DRAFT - 12/13/2022**

**Units Without Public Hunting Seasons**

			Population Estimate					
UNIT	DAU	UNIT NAME	Estimate			Basis ♦		
			2020	2021	2022	2020	2021	2022
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	25	20	NA	CGC, GAO	GAO
S76	12	Holy Cross	5	5	5	PR	PR	GAO, PR
S86	16	Cucharas canyon	30	35	30	GAO, CGC	GAO	GAO
S52	22	Rock Creek	5	5	5	GAO	GAO, PR	GAO, PR
S80	29	Black Canyon	25	30	80	GAO, PR	GAO, PR	AC, GAO
S81	30	Lower Lake Fork, Gunnison Ri.	5	5	5	GAO	AC	AC, PR, GAO
S84	31	Mesa Verde	5	5	5	NI	NI	NI
S14	33	Clinetop Mesa	10	10	10	GAO, PR	GAO, PR	NI
S45	36	Cross Mountain	0	0	0	GAO	GAO	
S82	36	Cold Springs	0	0	0	GAO	GAO	
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>605</b>	<b>615</b>	<b>655</b>			
<b>Grand Total</b>			<b>6920</b>	<b>7475</b>	<b>7485</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