

**COLORADO ROCKY MOUNTAIN BIGHORN SHEEP  
2016 POSTHUNT POPULATION ESTIMATES - FINAL 12/28/2016**

Increasing from Previous Year  
Declining from Previous Year  
Underline includes nonresident licenses(s)

**Units With Recent Public Hunting Seasons**

			Population Estimate				Licenses (Includes BSAP , RFW, and STL Licenses)										Harvest								Harvest Rate (% of Population)										
UNIT	Notes	DAU	UNIT NAME	Estimate			Basis		2015		2016		2017		2014		2015		2016 Predicted		2017 Predicted		2013		2014		2015								
				2014	2015	2016	2015	2016	Archery	Rifle	Archery	Rifle	Archery	Rifle	Archery	Rifle	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe					
S01	1, 16	1	Poudre River	75	80	80	CGC	CGC	0	0	2	2	0	0	3	2	0	0	5	3	1	1	3	2	3	2	4	2	1.1	2.2	1.1	1.1	3.2	2.1	
S02	27	32	Gore-Eagle's Nest	40	40	40	GAO	GAO	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0							
S03		4	Mount Evans	125	110	110	CGC	CGC	0	0	4	1	0	0	4	1	0	0	4	1	3	0	3	1	2	1	2	1	2.0	0.0	2.4	0.0	2.4	0.8	
S04		4	Grant	75	75	45	CGC	CGC	0	0	3	1	0	0	3	1	0	0	3	1	3	0	3	0	2	1	2	1	4.0	0.0	4.0	0.0	4.0	0.0	
S05	29	8	Beaver Creek	0	10	10	AC, GAO, PR	AC, GAO, PR							0	0	3	0									1	0							
S06	13	8	Pike's Peak	120	105	105	PM, CGC	PM, CGC	2	0	4	1	2	0	4	1	2	0	3	2	2	0	5	1	3	1	3	1	1.5	0.0	1.3	0.0	3.3	0.7	
S07		9	Arkansas River	60	80	80	MR, CGC, GAO	MR, CGC, GAO	0	0	1	0	0	0	2	0	0	0	2	0	1	0	1	0	2	0	2	0	2.9	0.0	2.5	0.0	1.7	0.0	
S08		10	Huerfano	80	80	80	GAO, PR	GAO	0	0	3	0	0	0	3	0	0	0	3	0	2	0	3	0	2	0	2	0	2.5	0.0	2.5	0.0	3.8	0.0	
S09		10	Sangre de Cristo	250	300	300	AC, GAO	GAO	10	0	11	5	11	0	11	5	11	0	11	5	6	2	11	1	10	3	8	3	1.2	0.4	2.4	0.8	4.4	0.4	
S10		11	Trickle Mtn.	35	35	35	GAO	GAO	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0.0	0.0	0.0	0.0	0.0	0.0	
S11		12	Collegiate North	125	125	125	AC, GAO, PR	AC, GAO, PR	0	0	6	2	0	0	6	2	0	0	6	2	3	0	5	1	4	1	4	1	3.0	1.0	3.0	0.0	4.0	0.8	
S12		5	Buffalo Peaks	200	200	200	AC, GAO, PR	AC, GAO, PR	10	0	6	2	10	0	6	2	10	0	7	2	5	1	5	2	5	1	5	1	2.5	0.5	2.5	0.5	2.5	1.0	
S13		13	Snowmass East	70	70	70	GAO, PR	GAO	0	0	1	0	0	0	2	0	0	0	2	0	1	0	1	0	1	0	1	0	0.0	0.0	1.4	0.0	1.4	0.0	
S15		20	Sheep Mountain	200	200	200	AC, GAO, PR	GAO	0	0	5	2	0	0	5	2	0	0	5	4	3	0	3	0	3	1	4	3	0.0	0.0	1.5	0.0	1.5	0.0	
S16		20	Cimarrona Peak	135	135	135	AC, GAO, PR	CGC, GAO	0	0	3	2	0	0	3	2	0	0	3	3	3	2	2	2	2	1	3	3	0.7	0.7	2.2	1.5	1.5	1.5	
S17		12	Collegiate South	200	150	150	AC, GAO, PR	AC, GAO, PR	0	0	7	2	0	0	6	2	0	0	6	2	2	0	0	0	3	1	3	1	2.5	0.0	1.0	0.0	0.0	0.0	
S18	1, 16	1	Rawah	20	20	20	GAO, PR, CGC	GAO, PR, CGC																											
S19	2	2	Never Summer Range	35	50	50	CGC	CGC	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0.0	0.0	0.0	0.0	0.0	0.0	
S20		11	Marshall Pass	30	40	40	AC, GAO, PR	AC, GAO, PR	1	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	0.0	0.0	0.0	0.0	3.3	0.0	
S21		21	Cow Creek/Wetterhorn	225	225	250	AC, CGC, GAO, PR	AC, CGC, GAO, PR	0	0	6	10	0	0	6	10	0	0	7	11	5	1	5	5	5	3	7	4	2.0	1.6	2.2	0.4	2.2	2.2	
S22		22	San Luis Peak	60	60	80	GAO, PR	AC, GAO, PR	0	0	2	0	0	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	1.4	0.0	2.9	0.0	3.3	0.0	
S23	9	6	Kenosha	30	30	30	GAO	CGC, GAO	0	0	2	0	0	0	2	0	0	0	3	0	1	0	1	0	1	0	2	0	0.9	0.0	1.0	0.0	1.0	0.0	
S24	23	34	Battlement Mesa	50	60	60	GAO, PR	GAO, PR	0	0	1	0	0	0	1	0	0	0	2	0	1	0	3	0	1	0	3	0					2.0	0.0	
S25		13	Snowmass West	60	60	45	GAO	GAO	0	0	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	1	0	0.0	0.0	0.0	0.0	0.0	0.0	
S27	9	6	Tarryall	70	70	70	GAO	GAO																											
S28		20	Vallecito	90	90	70	AC, CGC, GAO, PR	GAO	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0.0	0.0	0.0	0.0	0.0	0.0	
S29	31	24	Alamosa Canyon	50	50	30	GAO, CGC, PR	GAO, PR	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	2.0	0.0	0.0	0.0	0.0	0.0
S30	31	24	Conejos River	75	75	60	GAO, CGC, PR	GAO, CGC, PR	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1.3	0.0	0.0	0.0	0.0	0.0	
S31		24	Blanco River	100	120	120	GAO, PR	GAO	0	0	3	0	0	0	3	0	0	0	4	0	0	0	1	0	2	0	2	0	2.0	0.0	0.0	0.0	1.0	0.0	
S32		3	Georgetown	300	290	250	PM, CGC	PM, CGC	10	3	10	3	10	3	8	3	8	2	10	2	7	2	2	5	2	6	2	1.0	0.7	3.3	0.7	2.3	0.7		
S33		21	Lake Fork/Pole Mtn	135	135	135	AC, GAO, PR	GAO, PR	0	0	5	6	0	0	5	6	0	0	5	6	5	1	5	2	5	2	5	2	3.3	0.7	3.7	0.7	3.7	1.5	
S34		14	Rampart Range	95	95	95	BSO, GAO	GAO, CGC	3	1	0	0	3	1	0	0	5	1	0	0	2	1	3	1	3	1	5	1	2.5	1.3	2.5	1.3	3.2	1.1	
S35		15	Greenhorns	85	85	85	GAO	GAO	5	0	1	2	5	0	1	2	5	0	1	2	3	2	0	1	2	2	2	2.4	2.4	3.5	2.4	0.0	1.2		
S36	21	22	Bellows Creek	50	50	80	GAO, PR	GAO	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0			2.0	0.0	2.0	0.0	
S37		2	St. Vrain	65	65	50	CGC, GAO	CGC	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2	0	1	0	1.5	0.0	1.5	0.0	1.5	0.0	
S38		16	Apishpa	30	30	30	AC, GAO	GAO	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	4.0	0.0	3.3	0.0	0.0	0.0	
S39	15	5	Mount Silverheels	80	80	80	AC, GAO	GAO, PR	1	0	2	0	1	0	2	0	1	0	3	1	2	0	3	0	2	0	3	1	1.3	0.0	2.5	0.0	3.8	0.0	
S40	16, 20	1	Lone Pine	35	35	35	GAO, CGC	GAO, CGC	0	0	2	2	0	0	2	2	0	0	3	2	1	1	2	1	2	2	3	2	1.3	0.0	1.3	2.9	2.7	1.3	
S41	17	4	Peru Creek	50	50	55	AC, CGC, GAO	AC, CGC, GAO	0	0	1	0	0	0	1	1	0	0	1	2	1	0	1	0	1	1	1	1	2.0	0.0	2.0	0.0	2.0	0.0	
S42	24	7	Waterton Canyon	60	65	75	CGC, GAO	CGC, GAO	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.7	1.7
S44		35	Basalt	70	60	60	MR, CGC, BSO, G	MR, CGC, BSO, G	5	0	2	0	5	0	2	0	5	0	2	0	3	0	2	0	4	0	3	0	1.4	0.0	4.3	0.0	2.9	0.0	
S46	4, 13	8	Dome Rock	30	30	30	PM, CGC	PM, CGC																				0.0	0.0	0.0	0.0	0.0	0.0		
S47	14	9	Brown's Canyon	80	80	80	MR, CGC, GAO	MR, CGC, GAO	0	0	2	0	0	0	2	0	0	0	2	0	3	0	1	0	2	0	2	0	1.7	0.0	3.8	0.0	1.3</		

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**2016 POSTHUNT POPULATION ESTIMATES - FINAL 12/28/2016**

**Units/Areas Without Public Hunting Seasons**

UNIT	Notes	DAU	UNIT NAME	2014	2015	2016	2015	2016
S14		33	Clinetop Mesa	5	5	5	GAO, PR	GAO
S26	3, 12	23	Taylor River	30	30	40	GAO, PR	GAO, PR
S43		6	Hayman	25	25	25	GAO	GAO
S45		36	Cross Mountain	0	0	0	GAO	GAO
S52		22	Rock Creek	20	20	20	GAO, PR	GAO, PR
S70	3, 10	23	Fossil Ridge	25	25	25	GAO, PR	NI
S76		12	Holy Cross	10	10	10	NI	GAO
S80		29	Black Canyon	30	30	30	GAO, PR	GAO, PR
S81		30	Lower Lake Fork, Gunnison Ri.	10	10	10	GAO, PR	NI
S82		36	Cold Springs	0	0	0		
S83		2	RMNP - East Side, Fall	75	75	75	GAO	GAO
S83		2	RMNP - Continental Divide	100	100	100	GAO	GAO
S83	2.	2	RMNP - Never Summer	200	200	200	GAO	GAO
S84		31	Mesa Verde	20	20	20	NI	NI
S85		36	DNM - Harper's Corner- Jones's Hole	40	40	40	GAO	GAO
S85		36	DNM - Green River-Ladore Can.	90	90	90	GAO	GAO
S85		36	DNM - Yampa River	35	35	35	GAO	GAO
<b>Sub-total</b>				715	715	725		
<b>GRAND TOTAL</b>				7020	6875	6810		

- ♦ 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  | S1 licenses are also valid in S18.  | 15 New GMU in 2010                      | 29 S5 Beaver Creek opened combined with S6 in 2017                   |
| 2  | Animals in this unit are moving back and forth across the NPS boundary in the Never Summer Range and            | 16 S40 opened to hunting in 2010 in com | 30 S78 Tenmile opened combined with S12 in 2017                      |
| 3  | S26 was split into S26 and S70 in 2005.   | 17 Opened for hunting in 2010           | 31 S29 combined with S30, no individual S29 huntcode 2017            |
| 4  | 2005 population estimate is for both resident and migratory sheep from S6 that winter in S46.                   | 18 Sawpijt included in S21 in 2010      | 32 S79 opened with BSAP Ranchland Ranch                              |
| 5  | Accounts for 40 sheep translocated from S65 to Mt Zirkel in 2005  |   | 19 All bighorn sheep were culled from S58 in 2008                    |
| 6  | Rio Grande River and Box Canyon included with S53 in 2006.  |   | 20 New in 2013 S58 Lower Poudre opened to hunting, combined with S40 |
| 7  | S71 Opened to hunting in 2007.  |   | 21 S36 Bellows opened in 2014  |
| 8  | S55 closed to hunting beginning in 2006.  |   | 22 S72 Greenland opened for 1 RFW ewe in 2014                        |
| 9  | S23 & S27 were combined for licenses in 2008 (i.e., 2 licenses good for both units combined).                   |   | 23 S24 Opened 2015   |
| 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 |   | 24 S42 Waterton Canyon Opened 2015                                   |
| 11 | Unit created and opened to hunting in 2009.   |   | 25 S55 opened by including it in S10 license                         |
| 12 | S26 license for 2008 was transferred to S?? and S26 was closed to hunting because of low sheep numbers          |   | 26 S75 Opened 2015   |
| 13 | S46 license also valid in S6 in 2009.   |   | 27 S2 Reopened in 2016   |
| 14 | S47 licenses split  |   | 28 S77 Gore Canyon opened in 2016                                    |