

**COLORADO ROCKY MOUNTAIN BIGHORN SHEEP  
2011 POSTHUNT POPULATION ESTIMATES - DRAFT 12/23/2011**

Includes nonresident licenses (or underline)  
License Increase from Previous Year  
License Decrease from Previous Year

**Units With Recent Public Hunting Seasons**

				Population						Licenses (Includes RFW Licenses)												Harvest											
UNIT	Notes	DAU	UNIT NAME	Region	Estimate			Basis			2009		2010		2011		2012 Recommended		2008		2009		2010										
					2009	2010	2011	2009	2010	2011	Archery	Rifle	Archery	Rifle	Archery	Rifle	Archery	Rifle	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe							
S01	1, 16	1	Poudre River	NE	55	65	60	MR	MR	MR	0	0	1	0	0	0	1	0	0	0	2	0	0	0	2	1	1	0	1	0	1	0	
S02		32	Gore-Eagle's Nest	NW	40	40	40	GAO	GAO	GAO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0					
S03		4	Mount Evans	NE	120	100	100	CGC	CGC	CGC	0	0	6	4	0	0	4	3	0	0	4	2	0	0	4	1	3	4	3	2	4	5	
S04		4	Grant	NE	80	60	60	CGC	CGC	CGC	0	0	6	4	0	0	6	4	0	0	3	2	0	0	3	1	1	3	4	0	5	1	
S06	13	8	Pike's Peak	SE	81	110	100	MR,AC	MR,AC	PM, AC, CGC	0	0	5	0	0	0	4	0	0	0	4	0	1	0	3	0	7	3	2	0	3	0	
S07		9	Arkansas River	SE	70	70	70	GAO, PR	GAO, PR	GAO, PR	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	2	0	2	0	2	0	
S08		10	Huerfano	SE, SW	80	80	80	AC,PR	AC,PR	GAO	0	0	2	0	0	0	3	0	0	0	3	0	0	0	3	0	2	0	2	0	3	0	
S09		10	Sangre de Cristo	SE, SW	250	250	250	AC	AC	AC	8	0	6	5	10	0	8	1	10	0	8	1	10	0	10	5	5	4	6	4	9	1	
S10		11	Trickle Mtn.	SW	40	35	35	GAO,AC	GAO	GAO	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	
S11		12	Collegiate North	SE	160	100	100	GAO, PR,	GAO, PR,	AC, BSO	0	0	7	0	0	0	7	0	0	0	7	0	0	0	5	2	3	0	1	0	2	0	
S12		5	Buffalo Peaks	SE,NE	200	200	200	AC	AC	AC, BSO	10	0	6	0	10	0	6	0	10	0	6	0	10	0	6	2	5	0	6	0	6	0	
S13		13	Snowmass East	NW	60	60	60	GAO	AC, GAO,	GAO, PR	0	0	2	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	
S15		20	Sheep Mountain	SW	200	200	200	AC	GAO, AC	GAO, CGC	0	0	5	0	0	0	5	2	0	0	5	2	0	0	5	2	3	0	4	0	3	1	
S16		20	Cimarrona Peak	SW	135	135	135	CGC,AC	AC	GAO	0	0	3	0	0	0	3	2	0	0	3	2	0	0	3	2	3	0	2	0	2	1	
S17		12	Collegiate South	SE	200	200	200	GAO, PR,	GAO, PR,	AC, BSO	0	0	6	0	0	0	7	0	0	0	7	0	0	0	7	2	5	0	3	0	3	0	
S18	1, 16	1	Rawah	NE,NW	15	15	15	GOA, PR	GOA, PR,	GOA, PR, CGC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S19	2	2	Never Summer Range	NW, NE	25	25	25	GAO	GAO	GAO	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	
S20		11	Marshall Pass	SE	50	40	40	GAO, PR	GAO, PR	GAO, PR	2	0	1	0	2	0	1	0	2	0	1	0	1	0	2	0	0	0	0	1	0	0	
S21		21	Cow Creek/Wetterhorn Peak	SW	130	150	250	GAO,PR,	GAO,PR,	GAO,PR,AC	0	0	4	0	0	0	4	2	0	0	4	2	0	0	5	5	4	0	4	0	4	1	
S22		22	San Luis Peak	SW	90	90	75	GAO,PR	GAO,PR,	GAO,PR, AC	0	0	4	0	0	0	4	0	0	0	3	0	0	0	2	0	1	0	3	0	2	0	
S23	9	6	Kenosha	NE	40	40	40	AC	AC	AC	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	1	0	1	0	
S25		13	Snowmass West	NW	70	70	70	GAO,MR	GAO	GAO	0	0	2	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0	1	0	1	0	
S26	3, 12	23	Taylor River	SW	30	25	25	GAO	GAO	GAO, CGC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S27	9	6	Tarryall	NE	70	70	70	GAO,BSO	GAO,BSO	GAO,BSO																1	0	1	0	1	0		
S28		20	Vallecito	SW	125	125	125	AC	GAO	GAO	0	0	3	0	0	0	3	1	0	0	3	1	0	0	2	0	3	0	3	0	2	1	
S29		24	Alamosa Canyon	SW	35	35	35	GAO	GAO	GAO	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	
S30		24	Conejos River	SW	75	75	75	GAO,CG	GAO,CG	GAO,CG	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	
S31		24	Blanco River	SW	100	100	100	NI	AC	AC	0	0	4	0	0	0	4	0	0	0	4	0	0	0	4	0	4	0	1	0	2	0	
S32		3	Georgetown	NE	335	290	280	MR, PR, C	PM, PR, C	PM, PR, CGC	24	7	20	12	17	4	13	6	12	2	12	4	10	2	10	2	17	8	17	3	19	0	
S33		21	Lake Fork/Pole Mtn	SW	150	150	150	AC,GAO	AC	AC	0	0	2	0	0	0	2	1	0	0	4	2	0	0	4	4	2	0	1	0	2	1	
S34		14	Rampart Range	SE	65	75	75	BSO, GAO	BSO, GAO	BSO, GAO	3	3	0	0	2	1	0	0	2	1	0	0	2	1	0	0	4	2	4	3	2	0	
S35		15	Greenhorns	SE	85	85	85	CGC	CGC	CGC	5	0	1	0	5	0	1	0	5	0	1	0	5	0	1	2	1	0	2	0	1	0	
S37		2	St. Vrain	NE, NW	50	50	50	CGC	CGC	CGC	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
S38		16	Apishpa	SE	25	25	25	CGC	CGC	CGC	2	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	
S39	15	5	Mount Silverheels	NE	35	60	60	GOA	AC	AC																					1	0	
S40	16	1	Lone Pine	NE	30	30	35	GOA	GOA, CGC	GOA, CGC	0	0	0	0																			
S41	15, 17	4	Peru Creek	NW	50	50	50	GAO	GAO	GAO	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	
S44		35	Basalt	NW	100	70	70	GAO	BSO, GAO	CGC, BSO, GAO	5	0	2	0	5	0	3	0	5	0	2	0	5	0	2	0	1	0	3	0	4	0	
S46	4, 13	8	Dome Rock	SE	25	30	25	MR	MR	PM, AC, CGC	1	0	0	0	1	0	0	0	1	0	0	0				1	0						
S47	14	9	Brown's Canyon	SE	140	120	120	GAO, PR,	GAO, PR,	CGC, GAO, PR	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3	0	3	0	3	0	3	0	0
S48		17	Carrizo Canyon	SE	55	55	55	GAO, PR	GAO, PR	GAO, PR	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0
S49		9	Grape Creek/Copper Ridge	SE	225	225	225	GAO	GAO	GAO	5	0	2	0	5	0	2	0	5	0	2	0	5	0	2	0	2	0	3	0	2	0	0
S50		15	Mt. Maestas	SE	150	150	150	GAO	GAO	GAO	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	1	0	2	0	1	0	
S51		18	Spanish Peaks (Culebra)	SE	250	250	250	GAO	GAO	GAO	2	0	4	4	2	0	4	4	2	0	4	4	2	0	4	4	6	6	2	2	7	4	
S53	6	22	Bristol Head	SW	115	115	115	AC	AC	GAO	0	0	2	0	0	0	2	2	0	0	2	2	0	0	2	2	2	0	2	0	0	2	
S54		25	Dillon Mesa (West Elk)	SW	80	95	125	GAO	GAO	AC, GAO	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2	0	1	0	0	0	0
S57		2	Big Thompson Canyon	NE	100	100	100	CGC	CGC	CGC	2	0	0	0	2	1	0	0	3	2	0	0	3	2	0	0	2	0	1	0	1	0	
S59		33	Derby Creek	NW	90	90	90	GAO	AC, GAO	GAO	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	2	0	2	0	0	0	0
S60		19	Shelf Road	SE	150	150	100	GAO, PR	GAO, PR	AC, GAO, PR	0	0	4	0	0	0	4	0	0	0	4	0	0	0	4	0	3	0	2	0	0	0	0
S61		17	Purgatorie Canyon	SE	200	200	250	AC, PR, G	AC, PR, G	AC	0	0	5	1	0	0	5	1	0	0	5	1	0	0	5	0	5	1			5	1	
S65	5	18	Costilla	SW	400	400	400	GAO	GAO	AC, GAO	0	0	3	10	0	0	3	10	0	0	3	10	0	0	3	10	2	5	1		1	7	
S66		12	Mt. Elbert	SE	125	125	125	PR, GAO,	PR, GAO,	PR, GAO, CGC	0	0	6	0	0	0	6	0	0	0	6	0	0	0	6	2	3	0	4	0	3	0	0
S67		33	Flattops (S. Fork White River)	NW	40	40	40			GAO, PR	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	0
S68		9	Cotopaxi	SE	60	60	80	GAO, PR	GAO, PR	GAO, PR	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	2	0	2	0	0	0	0
S69		27	Cochetopa	SW	50	50	80	GAO	GAO	GAO	0	0	1	0	0	0	1	0</															

**COLORADO ROCKY MOUNTAIN BIGHORN SHEEP**  
**2011 POSTHUNT POPULATION ESTIMATES - DRAFT 12/23/2011**

**Units/Areas Without Public Hunting Seasons**

UNIT	Notes	DAU	UNIT NAME	Region	Population					
					Estimate			Basis		
					2009	2010	2011	2009	2010	2011
S05		8	Beaver Creek	SE	30	30	30	GAO	GAO	GAO
S14		33	Clinetop Mesa	NW	5	5	5	GAO	GAO	GAO
S24		34	Battlement Mesa	NW	50	50	50	GAO	GAO	GAO
S36		22	Bellows Creek	SW	45	45	45	AC	AC	GAO
S42	15	7	Waterton Canyon	NE	30	50	50	GOA,CGC	GOA,CGC	GOA,CGC, PR
S43	15	6	Hayman	NE, SE	0	0	20	GAO,PR	GAO,PR	GAO,PR
S45		36	Cross Mountain	NW	0	0	0	GAO	GAO	GAO
S52		22	Rock Creek	SW	25	25	20	GAO	GAO	GAO
S55	8	26	Natural Arch, Carnero Creek	SW	20	20	20	GAO	GAO	GAO
S58	19	1	Lower Poudre River	NE	0	25	35	GAO	CGC, MR	CGC, MR
S72		39	Greenland	NE	40	50	50	CGC, AC	CGC, AC	CGC, AC
S75	15	38	Main Canyon	NW	40	40	40	GAO	GAO	GAO
S76	15	12	Holy Cross	NW	10	10	10	GAO,PR	GAO,PR	GAO,PR
S77	15	32	Gore Canyon	NW	12	12	12	MR	MR	MR
S78	15	5	Ten Mile	NW	30	30	30	GAO,PR	GAO,PR	GAO,PR
S79	15	9	Pueblo West	SE	15	15	15	GAO	GAO	GAO
S80	15	29	Black Canyon	SW	30	30	30	GAO,PR	GAO,PR	GAO,PR
S81	15	30	Lower Lake Fork, Gunnison Ri.	SW	10	10	10	GAO	GAO	GAO
S82	15	36	Cold Springs	NW	0	0	0	GAO	GAO	GAO
S83	15	2	Range	NE	75	75	75	GAO	GAO	GAO
S83	15	2	RMNP - Continental Divide	NE,NW	100	100	100	GAO	GAO	GAO
S83	2, 15	2	RMNP - Never Summer Range	NE,NW	200	200	200	GAO	GAO	GAO
S84	15	31	Mesa Verde	SW	20	20	20	NI	NI	NI
S85	15	36	DNM - Harper's Corner-Jone's Hole	NW	40	40	40	GAO	GAO	GAO
S85	15	36	DNM - Green River-Ladore Can.	NW	90	90	90	GAO	GAO	GAO
S85	15	36	DNM - Yampa River	NW	35	35	35	GAO	GAO	GAO
NA	6		Rio Grande River, Box Canyon	SW	NA	NA	NA	NA	NA	NA
NA	18		Sawpit	SW	NA	NA	NA	NA	NA	NA
<b>Sub-total</b>					952	1007	1032			
<b>GRAND TOTAL</b>					6923	6877	7027			

- ◆ 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
- Blue licenses = unit closed to hunting that year

**Notes:**

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| <p>1 S1 licenses are also valid in S18.</p> <p>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.</p> <p>3 S26 was split into S26 and S70 in 2005.</p> <p>4 2005 population estimate is for both resident and migratory sheep from S6 that winter in S46.</p> <p>5 Accounts for 40 sheep translocated from S65 to Mt Zirkel in 2005</p> <p>6 Rio Grande River and Box Canyon included with S53 in 2006.</p> <p>7 S71 Opened to hunting in 2007.</p> <p>8 S55 closed to hunting beginning in 2006.</p> <p>9 S23 &amp; S27 were combined for licenses in 2008 (i.e., 2 licenses good for both units combined).</p> <p>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.</p> <p>11 Unit created and opened to hunting in 2009.</p> <p>12 S26 license for 2008 was transferred to S?? and S26 was closed to hunting because of low sheep numbers.</p> <p>13 S46 license also valid in S6 in 2009.</p> <p>14 S47 licenses split</p> | <p>15 New GMU in 2010</p> <p>16 S40 opened to hunting in 2010 in combination with S1 &amp; S18.</p> <p>17 Opened for hunting in 2010</p> <p>18 Sawpit included in S21 in 2010</p> <p>19 All bighorn sheep were culled from S58 in 2008</p> |
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