

2021 BIG GAME LICENSE RECOMMENDATION SUMMARY BY SPECIES

April 22, 2021



DEER

- CPW staff are recommending similar total deer licenses as last year; all changes result in an increase of 1,100 deer licenses (+1%) to 102,500 limited licenses.
- A recommended decrease of 1,800 rifle buck and either-sex licenses was exceeded by an increase of 2,800 rifle doe licenses.
- Buck license recommendations were reduced in many herds because we anticipate higher success rates with later rifle season dates from recent BGSS changes. Predicted higher harvest success means fewer licenses will be necessary to achieve the same harvest. Buck license reductions also are the result of herds that are now within Herd Management Plan (HMP) sex ratio objective ranges (examples include D-2 Bears Ears, D-9 Middle Park, and D-30 San Juan).
- Buck license recommendations were increased in herds that are above HMP sex ratio objectives (examples include D-21 West Elks, D22 Taylor River, and D-25 Powderhorn). In DAUs where CWD prevalence is greater than 5%, management actions were taken to reduce prevalence, including buck license increases for several herds (examples include D-43 Sweetwater and D-51 South Grand Mesa).
- Antlerless license increases are recommended in herds that are at or above population objective ranges (examples include D-2, D-7, D-22, and D-25).

DEER	
in 2021	
# of DAUs	# Hunt Codes
54	1,023

ELK

- CPW is recommending 123,900 limited elk licenses, down 5,700 (-4%) licenses from last year. However, 3,200 of this reduction is the result of fine-tuning archery quotas in DAUs E-24 (Disappointment), E-30 (Hermosa), and E-31 (San Juan). These were new limited units for 2020 and quotas were initially set high, recommended 2021 quotas set licenses to numbers actually sold in 2020.
- Continuing with an 18-year trend, rifle elk license recommendations are reduced from last year by 2,200 (-2%) to 100,200.
- Elk license reductions are the result of a combination of herds achieving HMP population objectives through antlerless harvest and low calf/cow ratios reducing population productivity.

ELK	
in 2021	
# of DAUs	# Hunt Codes
42	1,136

PRONGHORN

- CPW is recommending 23,600 limited pronghorn licenses, down 1,700 (-7%) licenses from last year.
- The majority of this reduction is in the Southeast Region where the license recommendation is 15,200, down 1,500 licenses (-9%) from last year.
- We consistently observe lower pronghorn fawn production and survival in drought years such as 2020. Additionally, we were unable to fly pronghorn classification flights last summer due to Covid-19 so the full effect of drought on pronghorn production is unknown. License reductions are prudent with the combination of drought and lack of inventory data.

PRONGHORN	
in 2021	
# of DAUs	# Hunt Codes
28	337

MOOSE

- CPW is recommending 532 limited moose licenses, an increase of 12 (+2%) from last year.
- These recommendations includes 236 bull and either-sex licenses and 298 cow licenses.
- The recommended cow moose licenses are designed to manage moose populations toward HMP objectives and keep moose populations within the capability of their habitat. Additionally, cow licenses have lower success rates than bull licenses.

MOOSE	
in 2021	
# of DAUs	# Hunt Codes
12	150

BLACK BEAR

- CPW is recommending 20,700 limited black bear licenses, an increase of 185 (+1%) from last year.
- Similar to last year under the 2020-2024 BGSS, in 2021, ten bear DAUs will have OTC licenses available during archery, muzzleloader and concurrent rifle. All PLO seasons statewide are also OTC.
- Continuation of the reduction in non-resident bear license fees implemented in 2019, coupled with the availability of OTC bear licenses in many DAUs, contributed to an increase of 5,000 bear licenses sold in 2020 (+20% from 2019). This increase in license sales in DAUs with unlimited license strategy goals was successful in supporting additional harvest towards management goals.

BLACK BEAR	
in 2021	
# of DAUs	# Hunt Codes
17	210

2021 BIG GAME LICENSE RECOMMENDATION SUMMARY BY REGION & SPECIES

April 22, 2021



																						Post-Hunt Inventory & Objectives														
Species	Region	All Limited Licenses				All Limited Rifle Licenses				All Limited Rifle Female & Either Sex Licenses				All Limited Archery Licenses				All Limited Muzzleloader Licenses				Post Hunt Populations			Population Objective Range			Number of Animals Classified in 2020	Sex Ratio (Males/100 Females)						Region	Species
		2020	2021	Change		2020	2021	Change		2020	2021	Change		2020	2021	Change		2019 Estimate	2020 Estimate	2021 Projection	Min	Max	Target	Objective Range***		Observed***										
				#	%			#	%			#	%			#	%							#	%	Min	Max		2020	3 Yr Avg						
DEER																																				
	NW	38,592	39,699	1,107	2.8	31,105	31,927	822	2.6	8,410	11,168	2,758	32.7	4,306	4,386	80	1.8	3,181	3,386	205	6.4	170,100	172,490	173,380	174,900	213,300	193,600	34,235	24.3	28.3	29.2	30.1	NW	DEER		
	SW	19,410	20,201	791	4.0	15,110	15,916	806	5.3	1,280	1,896	616	48.1	2,517	2,487	-30	-1.1	1,783	1,798	15	0.8	122,000	130,630	132,280	147,700	172,400	162,700	18,123	28.4	32.4	32.1	31.9	SW			
	NE	14,540	14,355	-185	-1.2	10,605	10,420	-185	-1.7	3,300	3,150	-150	-4.5	2,400	2,400	0	0.0	1,535	1,535	0	0.0	43,340	43,470	43,490	37,000	43,900	40,700	3,337	26.2	31.9	40.9	41.5	NE			
	NE Plains	10,975	11,100	125	1.1	8,735	8,920	185	2.1	5,565	5,625	60	1.0	1,455	1,415	-40	-2.7	785	765	-20	-2.5	20,330	19,800	19,290	17,300	20,200	19,700	6,600					NE Plains			
	SE	8,496	7,701	-795	-9.3	6,506	5,831	-675	-10.3	808	823	15	1.8	1,255	1,185	-70	-5.5	735	685	-50	-6.8	41,170	39,550	41,250	52,600	61,000	56,500	4,635	31.2	35.0	28.3	33.4	SE			
	SE Plains	9,440	9,447	7	0.0	6,174	6,180	6	0.0	3,490	3,494	4	0.1	2,141	2,142	1	0.0	1,125	1,125	0	0.0	21,340	21,610	21,620	15,650	15,650	15,650	2,890					SE Plains			
	TOTAL	101,453	102,503	1,050	1.0	78,235	79,194	959	1.2	22,853	26,156	3,303	14.4	14,074	14,015	-59	-0.4	9,144	9,294	150	1.6	418,270	427,540	431,310	445,150	526,450	488,850	69,820	26.9	31.1	31.8	32.8				
ELK																																				
	NW	76,070	74,551	-1,519	-1.9	67,197	65,755	-1,442	-2.1	57,772	56,370	-1,402	-2.4	2,952	2,952	0	0.0	5,921	5,844	-77	-1.3	139,150	129,010	122,360	102,270	129,670	116,670	47,613	21.4	27.4	23.1	23.4	NW	ELK		
	SW	30,340	28,880	-3,460	-11.4	17,850	17,650	-200	-1.1	10,370	10,065	-305	-2.9	9,650	6,420	-3,230	-33.4	2,840	2,810	-30	-1.0	106,720	119,380	121,730	107,200	123,700	116,950	29,085	16.2	22.4	15.1	16.7	SW			
	NE	12,567	12,372	-195	-1.5	9,197	9,007	-190	-2.0	4,892	4,732	-160	-3.2	1,870	1,870	0	0.0	1,500	1,495	-5	-0.3	14,560	14,840	14,520	12,200	14,400	13,600	6,424	33.9	39.3	18.0	20.5	NE			
	SE	10,551	10,059	-492	-4.6	8,168	7,776	-392	-4.7	6,318	5,971	-347	-5.4	858	833	-25	-2.9	1,525	1,450	-75	-4.9	32,330	30,360	30,950	27,450	31,900	30,750	6,633	31.4	37.3	24.0	27.2	SE			
	TOTAL	129,528	123,862	-5,666	-4.3	102,412	100,188	-2,224	-2.1	79,352	77,138	-2,214	-2.7	15,330	12,075	-3,255	-21.2	11,786	11,599	-187	-1.5	292,760	293,590	289,560	249,120	299,670	277,970	89,755	20.9	27.0	19.7	21.7	TOTAL			
PRONGHORN																																				
	NW	3,405	3,558	153	4.4	2,645	2,778	133	5.0	2,089	2,153	64	3.0	455	455	0	0.0	305	325	20	6.5	23,730	23,950	25,460	23,000	23,400	23,300	10,587	53.0	54.0	52.6	51.9	NW	PRONGHORN		
	SW	299	319	20	6.6	217	237	20	9.2	212	232	20	9.4	67	67	0	0.0	15	15	0	0.0	2,940	2,750	2,820	3,450	4,450	3,700	1,021	28.6	33.9	29.6	29.5	SW			
	NE	4,872	4,555	-317	-6.5	4,057	3,737	-320	-7.8	2,385	2,320	-65	-2.7	375	375	0	0.0	440	443	3	0.6	19,180	17,530	16,990	15,000	17,900	16,400	234	29.0	34.0			NE			
	SE	16,671	15,158	-1,513	-9.0	14,826	13,428	-1,398	-9.4	7,245	7,147	-98	-1.3	0	40	40	100.0	1,845	1,690	-155	-8.4	36,290	33,160	32,870	27,600	34,850	31,050	1,128	28.9	40.2			SE			
	TOTAL	25,247	23,590	-1,657	-6.5	21,745	20,180	-1,565	-7.1	11,931	11,852	-79	-0.6	897	937	40	4.4	2,605	2,473	-132	-5.0	82,130	77,390	78,130	69,050	80,600	74,450	12,970	36.4	42.8			TOTAL			
MOOSE																																				
	NW	360	357	-3	-0.8					209	203	-6	-2.8									1,890	2,130	2,200	1,175	1,565	1,430						NW	MOOSE		
	SW	27	30	3	11.1					7	10	3	42.8									460	460	450	400	500	450						SW			
	NE	127	136	9	7.0					83	91	8	9.6									430	460	400	440	490	465						NE			
	SE	6	9	3	50.0					0	0	0	0.0									110	120	120	110	110	110						SE			
	TOTAL	520	532	12	2.3					299	304	5	1.6									2,900	3,160	3,180	2,125	2,665	2,455						TOTAL			
BEAR																																				
	NW	12,197	12,198	1	0.0	9,385	9,560	175	1.8					0	0	2,685	2,560.0	-125	-5	1,100	1,050.0												NW	BEAR		
	SW	5,730	5,917	187	3.2	4,510	4,610	100	2.2					0	0	1,274	1,329.0	55	4	439	469.0												SW			
	NE	1,365	1,365	0	0.0	1,260	1,260	0	0.0					0	0	280	280.0	0	0	145	145.0												NE			
	SE	1,235	1,235	0	0.0	1,250	1,250	0	0.0					0	0	285	285.0	0	0	115	115.0												SE			
	TOTAL	20,527	20,715	188	0.9	16,405	16,680	275	1.6					0	0	4,524	4,454.0	-70	-2	1,799	1,779.0												TOTAL			
GRAND TOTAL		277,275	271,202	-6,073	-6.6	218,797	216,242	-2,555	-6.4	114,435	115,450	1,015	12.7	30,301	27,027	1,250	4,436.8	23,465	23,365	1,630	1,774.1	796,060	801,680	802,180				172,545					GRAND TOTAL			

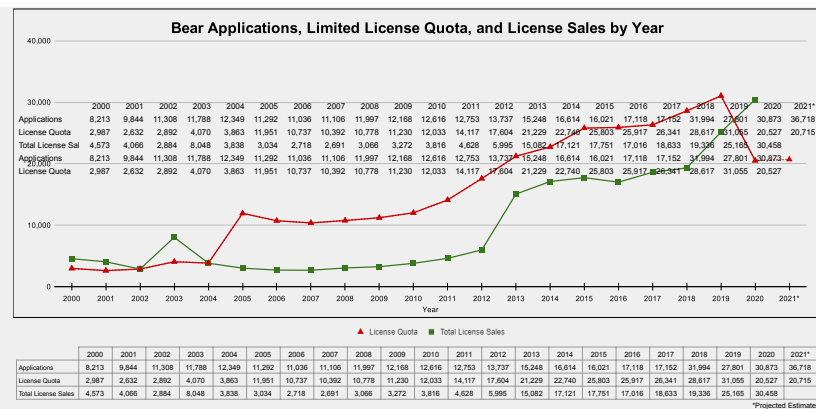
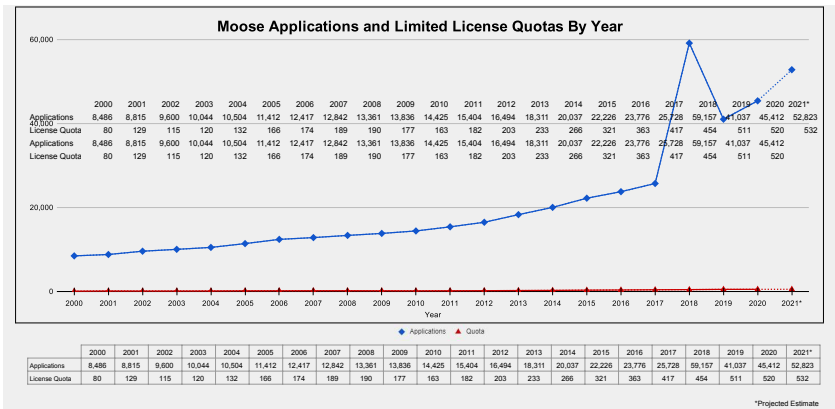
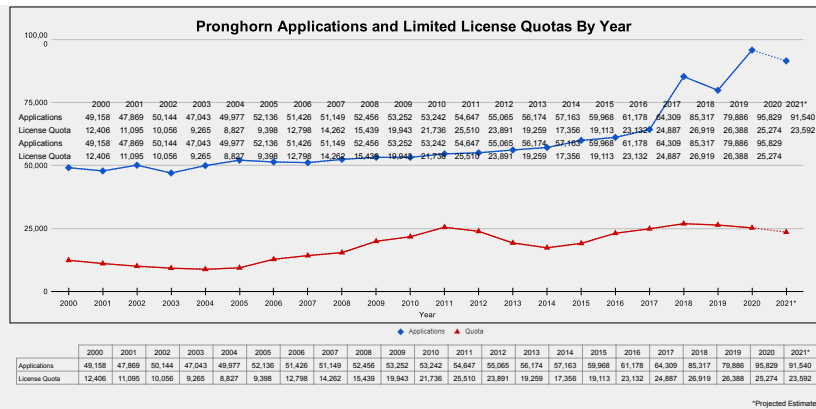
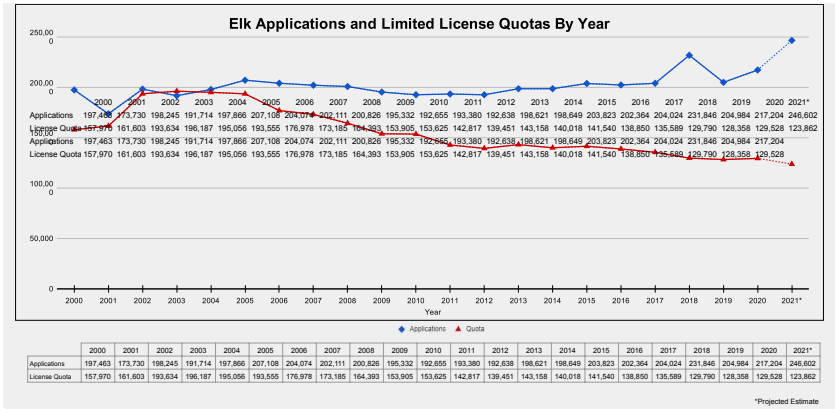
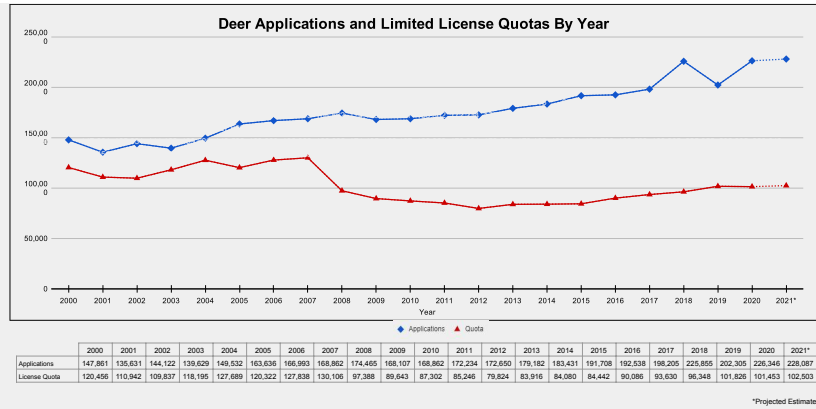
*For moose Antlerless and Either Sex licenses included for all manners of take

**Pronghorn inventory is pre hunt

*** Weighted by population size

BIG GAME HISTORY BY SPECIES

April 22, 2021



2021 BIG GAME LICENSE RECOMMENDATION DEFINITIONS

April 22, 2021



Add-on Black Bear License: Archery and muzzleloader unlimited OTC black bear licenses only available to purchase by hunters who have a deer or elk license for the same manner of take and GMU.

Age Ratio: Number of young-of-the-year per 100 females in a herd. Age ratios are observed during big game surveys and provide an estimate of the number of young that were born in summer and survived until the survey. Age ratios are a measure of herd productivity and are used in population modeling.

Antlered License: A deer, elk, or moose license that is valid for the take of any animal with an antler or antlers of at least five inches in length.

Antlerless License: A deer, elk, or moose license that is valid for the take of any animal without antlers or with antlers of less than five inches in length.

Black Bear Age and Gender Composition: Metrics used as indicators of black bear population trajectory in relation to harvest levels. Harvested black bears are divided into 4 age-sex classes (adult male, adult female, subadult male, and subadult female).

% Adult Male in Harvest: The adult male segment of a population is the first to be reduced under increasing hunter pressure, therefore proportions of adult males (>5 yr old) in the harvest can indicate stability, increase or decrease in the population.

% Female in Harvest: As harvest levels increase and additional adult and sub-adult males are removed, the proportion of females of all ages in the harvest begins to increase. Therefore, proportions of females of all ages in the total harvest can indicate stability, increase or decrease in the population.

% Adult Females in Female Harvest: With increasing harvest, younger females are removed and older females (>5 yr old) become more common in the harvest. Thus, the proportion of adult females in the female harvest should rise with increasing harvest rates, indicating stability, increase or decrease in the population.

Classified Animals: During big game surveys, animals are categorized by age and sex. That is, animals are identified as adult males, adult females and young-of-the-year. These classifications are then used to calculate sex and age ratios.

Concurrent Rifle Season: Limited and unlimited black bear seasons that occur during the regular deer and elk rifle seasons. There are both regular concurrent and PLO concurrent black bear seasons.

Chronic Wasting Disease (CWD): A fatal neurological disease that attacks the brains of deer, elk and moose.

Data Analysis Unit (DAU): The geographic area that represents the year-round range of a specific big game herd/population. Each DAU is composed of one or more Game Management Units (GMUs). DAUs are used to monitor distinct herds/populations.

Either-sex License: A license that is valid for the take of either male or female animals.

Game Management Unit (GMU): A defined geographic area that provides a practical framework where management goals can be refined and applied on a finer scale than a DAU, typically through hunting regulations. GMUs are used to monitor hunter distribution.

Leftover Draw: Deer and elk applicants unsuccessful in the primary draw have the first chance at the limited licenses that are remaining after the primary draw by selecting Leftover Draw on their application.

Limited Licenses: A set (limited) number of licenses are available for specific units and dates for each species, and are initially issued through an application and draw process.

Manner of Take: Colorado hunting seasons are based on hunting methods (i.e., archery, muzzleloader and rifle/associated) permissible during each season.

Modeled Estimates: Mathematical models that integrate observed data (e.g., sex ratios, age ratios, population estimates, survival estimates, harvest estimates) are used to estimate the population size and demographic composition of each herd. Estimates derived from these models are referred to as modeled estimates.

Over-the-Counter (OTC) Season: In contrast to limited seasons, licenses in OTC seasons are not available through the draw. They do not require buying/having a qualifying license, do not use preference points and may be purchased any time through the end of the season. Prior to 2020, the number of licenses available in OTC seasons were either unlimited or capped at a predetermined number. Starting in 2020, there are no longer OTC with caps seasons.

Plains Units: GMUs east of Interstate I-25 except unit 140.

Private Land Only (PLO) License: Licenses that are only valid on private land.

Population Estimate: The estimate of the number post-season (winter) animals in a herd. CPW estimates the size of each herd annually based on population models.

Population Objective: The target number of animals in a herd. Population objectives are expressed as ranges and are established in the Herd Management Plan (HMP) for each herd. License numbers and hunting strategies are designed to reach or maintain the population objective of each herd.

Post-hunt: The period after the hunting seasons. Most big game populations are surveyed post-hunt (in the winter), when they are concentrated at lower elevations in open terrain by snow, in order to estimate winter population levels and demographics.

Pre-hunt: The period before the hunting season. Many pronghorn surveys are conducted pre-hunt (in the summer) to estimate summer population levels and demographics.

Primary Draw: The first, main big game draw of the year for hunters applying for limited hunting licenses.

September Rifle Season: Limited rifle black bear seasons that occur during the month of September (before the regular deer and elk rifle seasons). The majority of black bear harvest occurs during these seasons and, therefore, they have the largest effect on black bear management.

Sex Ratio: Number of males per 100 females in a herd. Sex ratios are observed during big game surveys and used in population models. Sex ratio objectives are established for each herd in a Herd Management Plan. Hunting licensing numbers and strategies are established to achieve and maintain these objectives.

Unlimited Licenses: Licenses that are not restricted in number. They are not available through the draw.

Weighted Average: An average that is calculated taking population size into account, so that larger populations contribute more to the average than smaller populations (i.e., populations influence the average in proportion to their size).

West of I-25 Units: GMUs west of Interstate I-25 and unit 140.

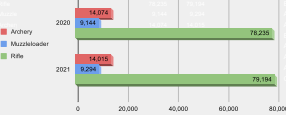
2021 DEER

Colorado Parks and Wildlife
4/22/2021



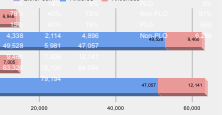
Deer Quota

by Manner of Take



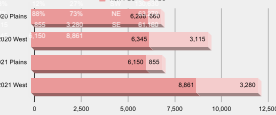
Deer Rifle Quota by Sex

Plains vs. West of I-25 DAUs



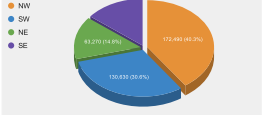
Deer Antlerless Rifle Quota by Season Type

Plains vs. West of I-25 DAUs

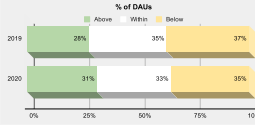


Deer Population

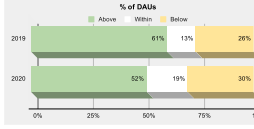
2020 Post Hunt Estimate by Region



Deer Populations Compared to Obj. Range



Deer Sex Ratios Compared to Obj. Range



positive % change = increase in licenses
negative % change = decrease in licenses

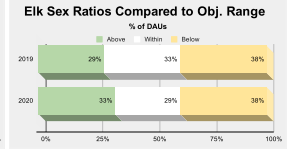
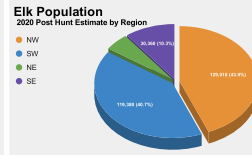
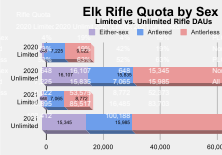
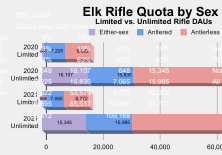
Prevalence
5% -10%
10% -15%
15% -20%

Estimated Populations Compared to Objective Ranges
% of DAUs
2019 2020 % Change
Above 28% 31% 4%
Within 35% 33% -2%
Below 37% 35% -2%

Estimated Sex Ratios Compared to Objective Ranges
% of DAUs
2019 2020 % Change
Above 61% 52% -9%
Within 35% 19% -6%
Below 26% 30% 4%

LIMITED ARCHERY SEASONS	LIMITED MUZZLELOADER SEASONS				LIMITED RIFLE SEASONS*			
	2020-2021		2020-2021		2020-2021		2020-2021	
	LICENSES	CHANGE	LICENSES	CHANGE	LICENSES	CHANGE	LICENSES	CHANGE
	2020	2021	2020	2021	2020	2021	2020	2021
16	16	0	16	16	0	0	0	0
401	615	110	712	615	91	3,842	2,081	-24.7
155	155	0	95	95	0	539	539	0
1,000	1,000	0	825	825	0	3,290	3,290	0
100	90	-10	360	360	0	755	730	-3.3
5	5	0	42	52	23.8	0	42	52
525	525	0	305	350	14.7	5,492	7,117	29.7
400	450	50	400	450	12.5	2,740	3,940	43.8
1,125	1,125	0	1,100	1,100	0	7,205	6,805	-4.4
300	300	0	120	120	0	2,045	2,055	0.4
135	135	0	25	25	0	655	570	-2.7
420	450	7.1	280	280	0	1,800	1,700	-5.5
225	225	0	220	220	0	810	810	0
65	65	0	70	70	7.7	190	190	0
200	200	0	110	110	0	730	670	-8.2
330	330	0	175	175	0	1,640	1,490	-9.1
630	630	0	275	275	0	2,010	2,010	0
80	80	0	35	35	0	341	321	-5.8
240	240	0	70	95	35.7	1,270	1,270	0
100	100	0	45	45	0	585	645	10.2
40	55	37.5	35	50	42.9	385	475	23.3
90	110	22.2	80	100	25	555	555	0
45	45	0	10	10	0	175	205	17.1
285	285	0	170	165	-2.9	2,185	2,170	-0.6
100	130	30	100	125	25	550	575	4.5
115	115	0	115	115	0	525	555	5.7
350	350	0	180	180	0	2,510	2,390	-4.7
545	545	0	135	135	0	1,415	1,415	0
115	125	8.6	95	105	10.5	840	975	16
615	525	-14.8	405	425	4.9	3,725	3,135	-15.8
7	7	0	8	8	0	215	155	-27.4
190	190	0	60	60	0	1,121	1,055	-5.8
90	90	0	60	60	0	355	355	0
360	290	-19.4	300	250	-16.8	2,365	1,975	-16.4
250	250	0	200	200	0	650	650	0
35	35	0	45	45	0	350	350	0
50	50	0	40	40	0	355	355	0
220	220	0	135	135	0	750	675	-10
140	140	0	50	60	20	1,000	1,005	0.5
135	135	0	100	100	0	525	525	0
150	150	0	160	160	0	1,440	1,210	-15.9
160	210	31.2	160	240	26.3	1,518	1,932	27.2
415	415	0	235	235	0	1,780	1,680	-5.6
381	382	0.3	95	95	0	794	800	0.7
300	300	0	215	215	0	1,295	1,295	0
375	375	0	380	380	0	1,540	1,540	0
450	450	0	240	240	0	775	775	0
650	650	0	160	160	0	2,110	2,115	0.2
175	175	0	90	90	0	640	640	0
110	110	0	60	60	0	1,020	1,040	36.2
145	145	0	145	145	0	715	715	0
120	120	0	85	85	0	600	600	0
190	150	-21	190	170	-10.5	1,910	1,980	3.6
14	14	0	14	14	0	55	55	0
14,014	14,015	0.4	1,444	9,204	1.6	78,235	79,194	1.2
						6,445	7,010	8.7
						55,362	53,038	-4.2
						16,408	19,148	16.6
						3,775	4,135	9.6

Colorado Parks and Wildlife
4/22/2021



positive % change = increase in licenses
negative % change = decrease in licenses

POPULATION OBJECTIVE RANGE				MODED POST-HUNT POPULATIONS				POST-HUNT SEX RATIO OBJECTIVE RANGE				MODELED POST-HUNT SEX RATIOS				Number of Animals Classified		In 2020		DAU		Region	
AU	2020 Relative to Pop. Obj. Range			Minimum	Maximum	Target	2019 2020 2021			Estimate	Relative to Sex Ratio Obj. Range	Minimum	Maximum	Target	2019 2020 2021								
	2019	2020	2021				2019	2020	2021						2019	2020	2021						
Above	15,000	18,000	16,000	22,280	18,300	16,870	Within	40	45	40	20	25	22	20	25	22	11,780	20	22	11,780	20	22	
Above	4,000	4,500	4,500	6,950	6,020	4,530	Above	20	23	23	33	26	16	23	26	16	2,520	33	26	2,520	33	26	
Above	3,000	4,200	4,200	4,260	4,430	4,500	Below	35	35	35	33	25	35	33	25	35	33	2,350	35	33	2,350	35	33
Within	7,800	8,800	8,800	7,660	8,000	8,530	Below	21	26	26	40	45	45	42	43	43	3,040	21	26	3,040	21	26	
Above	32,000	35,000	39,000	45,000	40,880	35,170	Within	22	27	27	28	22	28	22	26	28	20	12,430	22	27	12,430	22	27
Above	4,000	5,000	5,000	4,700	5,000	5,080	Below	24	28	28	28	19	29	29	29	29	2,950	24	28	2,950	24	28	
Above	3,000	4,000	4,000	5,870	4,500	4,400	Below	21	26	26	40	45	45	42	43	43	3,040	21	26	3,040	21	26	
Within	2,200	4,000	4,000	2,500	2,450	2,100	Within	40	45	45	42	43	43	42	43	43	1,007	40	45	1,007	40	45	
Above	7,000	9,000	8,000	12,420	12,070	12,120	Above	18	22	20	24	24	24	24	24	24	2,000	18	22	2,000	18	22	
Within	4,000	4,500	3,500	5,570	5,280	5,210	Above	17	23	23	31	35	35	31	35	31	1,322	17	23	1,322	17	23	
Within	3,000	4,000	3,800	3,910	3,710	3,870	Below	24	31	31	32	34	34	32	34	32	1,910	24	31	1,910	24	31	
Within	3,700	5,500	5,500	4,550	4,740	4,360	Above	24	31	31	24	41	47	51	1,322	24	31	1,322	24	31	1,322	24	31
Within	15,000	18,000	15,000	15,390	15,400	15,330	Above	20	25	22	22	27	22	27	22	27	4,188	20	25	4,188	20	25	
Within	3,800	5,400	4,500	4,960	4,960	4,500	Above	20	25	22	22	27	22	27	22	27	7,718	20	25	7,718	20	25	
Within	5,500	8,000	7,000	6,180	6,970	7,840	Below	35	35	35	34	28	34	28	34	28	1,950	35	35	1,950	35	35	
Below	3,190	3,850	3,500	2,990	2,820	2,800	Below	30	35	32	30	35	32	30	35	32	1,047	30	35	1,047	30	35	
Within	2,800	3,500	2,900	2,390	2,020	2,060	Below	34	35	35	34	35	35	34	35	35	1,875	34	35	1,875	34	35	
Within	2,800	3,500	3,300	3,760	3,430	3,300	Below	30	35	32	30	35	32	30	35	32	1,910	30	35	1,910	30	35	
Above	8,500	9,500	9,500	10,380	11,720	11,470	Above	18	20	20	19	21	22	19	21	22	2,270	20	22	2,270	20	22	
Below	1,200	1,200	1,200	1,480	1,480	1,420	Above	40	40	40	40	40	40	40	40	40	1,190	40	40	1,190	40	40	
Above	3,190	3,500	3,300	3,680	3,760	3,800	Below	35	35	35	30	30	30	32	30	32	2,602	35	35	2,602	35	35	
Above	2,700	3,300	3,000	4,070	3,500	3,000	Below	15	25	25	15	25	25	15	25	25	2,190	15	25	2,190	15	25	
Below	21,000	24,000	22,500	18,890	19,980	20,830	Within	12	20	16	17	16	17	16	17	16	2,814	24	20	2,814	24	20	
Below	6,000	6,000	6,000	5,350	5,590	5,100	Below	23	28	23	23	22	23	22	23	22	2,635	25	23	2,635	25	23	
Within	4,000	4,500	4,500	4,260	4,430	4,500	Below	18	22	20	24	24	24	24	24	24	2,000	18	22	2,000	18	22	
Above	1,800	2,200	2,100	2,190	2,640	2,510	Within	18	30	21	12	20	21	12	20	21	1,387	25	21	1,387	25	21	
Below	2,400	2,800	2,600	1,800	2,370	2,520	Within	35	40	35	37	37	36	36	37	36	1,197	38	36	1,197	38	36	
Below	7,500	9,000	8,900	4,780	5,120	5,810	Below	15	25	26	16	15	15	12	16	15	1,920	15	25	1,920	15	25	
Below	25,000	28,000	26,500	18,840	20,260	21,510	Below	18	14	14	18	14	14	14	18	14	2,400	18	14	2,400	18	14	
Within	15,000	13,000	12,000	11,210	11,870	11,880	Below	18	21	20	18	17	15	13	17	15	3,059	22	18	3,059	22	18	
Within	14,000	16,000	16,000	1,110	14,080	14,540	Below	35	40	37	21	23	22	33	23	22	33	35	40	37	21	23	22
Above	4,000	4,200	4,200	4,580	4,600	4,590	Above	25	25	25	27	25	25	25	27	25	2,784	25	25	2,784	25	25	
Above	5,000	5,500	5,500	6,570	7,340	7,780	Within	20	25	20	25	20	25	20	25	20	980	25	20	980	25	20	
Below	1,000	1,400	1,200	1,250	1,410	1,460	Below	35	40	35	20	35	20	31	31	1,007	38	35	1,007	38	35		
Above	2,400	2,200	2,100	2,370	2,230	2,110	Below	37	40	35	37	40	35	37	40	35	3,400	37	40	3,400	37	40	
Above	900	1,000	1,100	3,760	3,590	3,760	Above	25	30	30	35	35	35	35	35	35	49	40	30	49	40	30	
Above	3,000	3,500	3,500	4,660	5,720	5,750	Below	25	25	25	22	20	23	22	20	23	1,310	43	20	1,310	43	20	
Below	170	170	170	200	200	240	Above	30	30	30	33	33	33	34	33	34	174	30	30	174	30	30	
Above	1,200	1,200	1,200	1,500	1,500	1,400	Below	40	40	40	19	19	19	23	19	23	24	40	40	19	19	19	23
Above	250	250	250	16,480	12,000	1,340	Above	40	40	40	18	21	23	23	18	21	53	35	21	53	35	21	
Above	0	0	0	150	150	230	Below	0	0	0	0	0	0	0	0	0	55	50	0	55	50	0	
248.120				299.670	277.970	292.760	293.590	289.560	21	27	23	24	24	20	89.750								

* Rifle license numbers include regular rifle, Ranching for Wildlife, PLO, early rifle, late rifle, and Season Choice seasons

[illegible]

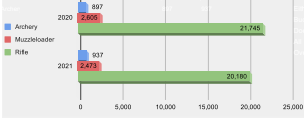
2021 PRONGHORN

Colorado Parks and Wildlife
4/22/2021

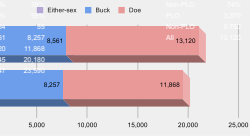


Pronghorn Quota

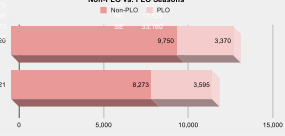
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Pronghorn Rifle Quota by Sex

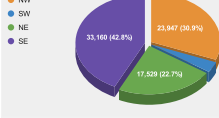


Pronghorn Doe Rifle Quota by Season Type

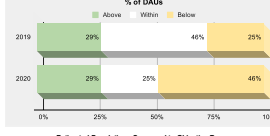


Pronghorn Population

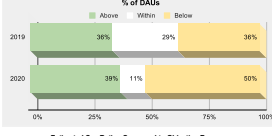
2020 Post-Hunt Estimate by Region



Pronghorn Populations Compared to Objectives



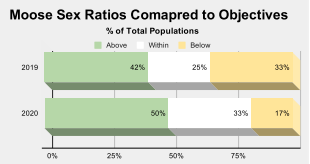
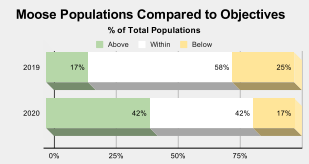
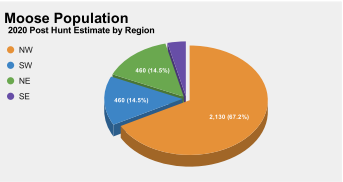
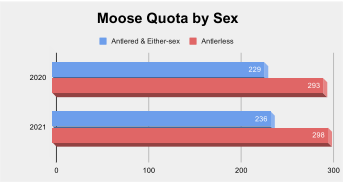
Pronghorn Sex Ratios Compared to Objectives



positive % change = increase in licenses
negative % change = decrease in licenses

				LIMITED ARCHERY SEASONS				LIMITED MUZZLELOADER SEASONS				LIMITED RIFLE SEASONS*														POPULATION OBJECTIVE RANGE				MODELED POST-HUNT POPULATIONS				POST-HUNT SEX RATIO OBJECTIVE RANGE				MODELED POST-HUNT SEX RATIOS				Number of Animals Classified in 2020		DAU		Region					
				2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE		2020		2021		2020-2021 PERCENT CHANGE	
				LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE		LICENSES		LICENSES		CHANGE	
				2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT		2020		2021		PERCENT	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
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				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE		2020		2021		CHANGE	
				2020		2021		CHANGE		2020																																									

2021 MOOSE
Colorado Parks and Wildlife
4/22/2021



positive % change = increase in licenses
negative % change = decrease in licenses

			ANTLERED & EITHER-SEX SEASONS										ANTLERLESS SEASONS										TOTAL LICENSES FOR ALL SEASONS									
			Nonresident Licenses					Resident Licenses*					Nonresident Licenses					Resident Licenses*					Antlered & Either-sex					Antlerless				
Region	DAU	Units Involved	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT	2020	2021	2020-2021	PERCENT		
			LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE	LICENSES	LICENSES	CHANGE
NW	1	6, 16, 17, 181, 171	4	5	25	57	61	7	0	9	0	65	74	14	61	66	8.1	73	82	12.3	1											
NE	2	7, 8, 19, 191	2	3	50	18	18	0	4	5	25	38	42	11	21	21	5	42	47	11.9	2											
NW	3	15, 18, 27, 28, 36, 37, 181, 361, 371	8	7	-12.5	49	43	-12.2	6	7	16.6	61	52	-15	57	50	-12.2	67	59	-11.9	3											
SW	4	65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 681, 682, 711, 741, 751, 771, 791	2	2	0	19	19	0	0	0	0	6	9	50	21	21	0	6	9	50	4											
NW	5	41, 42, 43, 52, 53, 54, 63, 64, 411, 421, 521	2	1	-50	15	15	0	5	3	-40	40	28	-30	17	16	-5.8	45	31	-31.1	5											
NW	6	12, 13, 23, 24, 25, 26, 33, 34, 35, 131, 231	0	0	0	7	11	57.1	0	0	0	10	16	60	7	11	57.1	10	16	60	6											
NE	7	20, 29, 39	1	0	-100	8	8	0	2	2	0	16	16	13	9	8	-11.1	16	20	11.1	7											
NE	8	39, 46, 49, 51, 391, 500, 501	1	1	0	14	15	7.1	3	3	0	20	21	5	15	16	6.6	23	24	4.3	8											
NW	9	4, 5, 14, 214, 441	2	2	0	9	9	0	1	1	0	8	8	0	11	11	0	9	9	0	9											
NW	10	1, 201	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	10											
NW	11	44, 45, 47, 444, 471	0	0	0	2	4	100	0	0	0	0	1	100	2	4	100	0	1	100	11											
SESW	12	48, 55, 56, 471, 481, 551, 561	0	0	0	6	9	50	0	0	0	0	0	0	6	9	50	0	0	0	12											
ALL	99	units not in a DAU													2	2	0	0	0	0	99											
STATEWIDE TOTALS			22	21	-4.5	205	213	3.9	29	29	0	264	269	1.8	229	236	3	293	298	1.7												

Units 47 and 471 moved from DAU 05 to DAU 12 in 2021

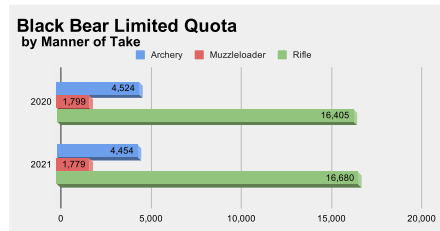
*Ranching for Wildlife quota are included in resident licenses

POPULATION OBJECTIVE RANGE										MODELED POST-HUNT POPULATIONS										POST-HUNT SEX RATIO OBJECTIVE RANGE									
2020 Relative to Pop. Obj. Range										2019 ESTIMATE 2020 ESTIMATE 2021 PROJECTION										2020 Relative to Sex Ratio Obj. Range									
Minimum Maximum Target										ESTIMATE ESTIMATE PROJECTION										Minimum Maximum Target									
2019 2020 2021										2019 ESTIMATE 2020 ESTIMATE 2021 PROJECTION										2019 ESTIMATE 2020 ESTIMATE 2021 PROJECTION									
Above Within Below										Above Within Below										Above Within Below									
DAU	1	Above	200	600	950	520	810	800		Above	60	70	65	64	62	79	289			Above	60	70	65	64	62	79	289		
2	Within	200	250	225	200	230	200			Above	70	85	75	164	149	200	2			Above	70	85	75	164	149	200	2		
3	Below	190	190	190	200	160	210			Above	65	65	65	26	110	68	3			Above	65	65	65	26	110	68	3		
4	Within	400	500	450	460	460	450			Below	55	65	60	50	50	44	4			Below	55	65	60	50	50	44	4		
5	Above	300	400	400	840	840	810			Above	55	65	60	79	79	77	5			Above	55	65	60	79	79	77	5		
6	Within	100	200	150	150	150	160			Within	50	50	50	50	50	37	6			Within	50	50	50	50	50	37	6		
7	Above	90	90	90	90	100	90			Within	80	80	80	75	80	123	7			Within	80	80	80	75	80	123	7		
8	Below	150	150	150	150	130	120			Above	65	65	65	118	100	103	8			Above	65	65	65	118	100	103	8		
9	Above	40	100	80	90	120	100			Above	50	80	70	200	83	78	9			Above	50	80	70	200	83	78	9		
10	Within	15	15	15	20	20	20			Below	100	100	100	75	75	61	10			Below	100	100	100	75	75	61	10		
11	Within	30	60	45	20	40	40			Within	0	100	65	100	100	129	11			Within	0	100	65	100	100	129	11		
12	Above	110	110	110	110	120	120			Within	50	50	50	50	50	36	12			Within	50	50	50	50	50	36	12		
		2,125	2,665	2,455	2,900	3,160	3,180				58	68	64	79	81	22	268												

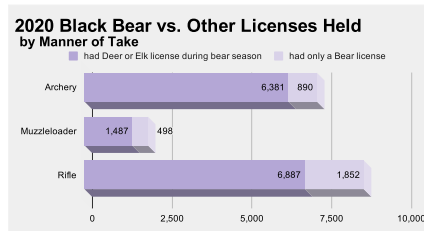
Region	DAU	Units Involved	Antlered & Either-Sex Seasons										Antlerless Seasons										Total Licenses for All Seasons																
			2020-2021					2020-2021					2020-2021					2020-2021					2020-2021																
			Percent					Percent					Percent					Percent					Percent																
			Licenses					Licenses					Licenses					Licenses					Licenses																
			Change					Change					Change					Change					Change																
			Nonresident Licenses					Resident Licenses*					Nonresident Licenses					Resident Licenses*					Antlered & Either-Sex					Antlerless											
			2020					2021					2020					2021					2020					2021					2020					2021	
Licenses					Licenses					Licenses					Licenses					Licenses					Licenses					Licenses					Licenses				
Change					Change					Change					Change					Change					Change					Change					Change				
Nonresident Licenses					Resident Licenses*					Nonresident Licenses					Resident Licenses*					Antlered & Either-Sex					Antlerless														
Antlered & Either-Sex Seasons										Antlerless Seasons										Total Licenses for All Seasons																			

2021 BEAR

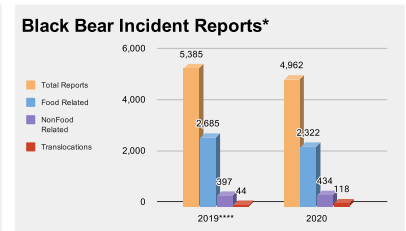
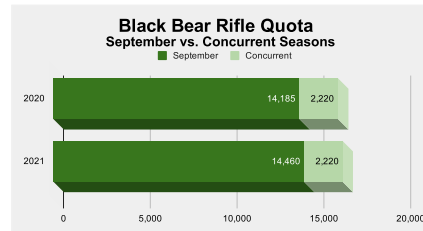
Colorado Parks and Wildlife
4/22/2021



*The 2020-2024 Big Game Season Structure created unlimited OTC black bear licenses in DAUs which have a management strategy of reducing bear populations and where harvest objectives are not being met.



positive % change = increase in licenses
negative % change = decrease in licenses



* Each incident report may be counted in more than one category.
**** This is only a partial year's data (April 1, 2019 - Dec 31, 2019).

				HAS UNLIMITED OTC SEASONS				LIMITED ARCHERY SEASONS			LIMITED MUZZLELOADER SEASONS			LIMITED RIFLE SEASONS						2018-2020 AGE/GENDER COMPOSITION				DAU		Region																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				ARCHERY MUZZLELOADER, & CONCURRENT RIFLE		PRIVATE LAND ONLY (PLO)								SEPTEMBER RIFLE ***		CONCURRENT RIFLE		2021 PREDICTED										3 YEAR (2018-2020) AVERAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				DAU Management Goal				2020 LICENSES	2021 LICENSES	2020 LICENSES	2021 LICENSES	2020-2021 PERCENT CHANGE	2020 LICENSES	2021 LICENSES	2020-2021 PERCENT CHANGE	2020 LICENSES	2021 LICENSES	2020-2021 PERCENT CHANGE	2020 LICENSES	2021 LICENSES	2020-2021 PERCENT CHANGE	HARVEST	TOTAL MORTALITY					HARVEST	TOTAL MORTALITY	% IN HARVEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES	ADULT MALE	FEMALES					ADULT MALE	FEMALES	ADULT MALE	FEMALES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Region	DAU	Units Involved	DAU Management Goal	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	LICENSES	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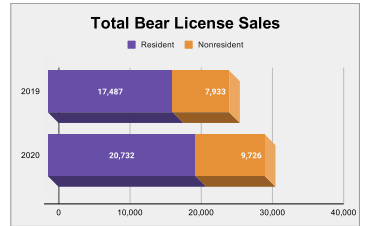
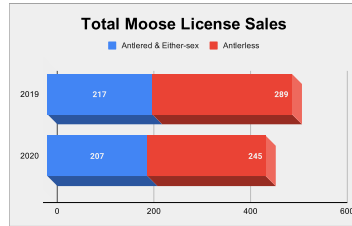
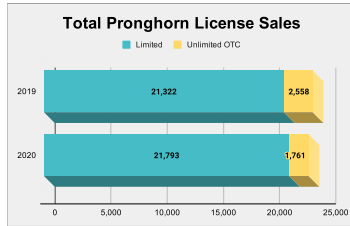
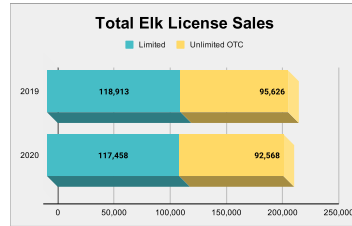
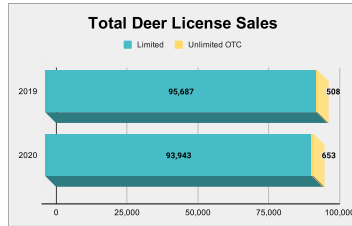
Has OTC Archery, Muzzleloader, & Concurrent Rifle

***Limited September rifle numbers include early rifle and Ranching for Wildlife seasons

Harvest Composition Monitoring Standards			
Decreasing	<25%	>40%	>55%
Stable	25-35%	30-40%	45-55%
Increasing	> 35%	< 30%	< 45%

2019-2020 BIG GAME LICENSE SALES COMPARISON BY LICENSE TYPE

4/22/2021



DEER

DEER

	TOTAL Licenses Sold			ARCHERY SEASONS Licenses Sold			MUZZLELOADER SEASONS Licenses Sold			ALL RIFLE SEASONS * Licenses Sold												LIMITED LICENSE DRAWS Applications Submitted						
License Type	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	TOTAL RIFLE			EITHER-SEX ONLY RIFLE			ANTLERED ONLY RIFLE			ANTLERLESS ONLY RIFLE			PRIMARY DRAW			LEFTOVER/SECONDARY DRAW			License Type
										2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	
Limited	95,687	93,943	-1.8	13,079	13,053	-0.1	8,298	8,049	-3	74,310	72,841	-1.9	5,243	5,750	9.6	53,184	51,269	-3.6	15,883	15,822	-12	188,371	211,968	13	1,503	9,022	500	Limited
Unlimited OTC	508	653	28.5	0	0	0	0	0	0	508	653	28.5	508	653	28.5	0	0	0	0	0	0	n/a						Unlimited OTC
Total	96,195	94,596	-1.6	13,079	13,053	-0.1	8,298	8,049	-3	74,818	73,494	-1.7	5,751	6,403	11.3	53,184	51,269	-3.6	15,883	15,822	-12	188,371	211,968	13	1,503	9,022	500	Total

*Rifle license numbers include all rifle and Season3 Chassis seasons

*Rifle license numbers include all rifle and Season Choice seasons

ELK

ELK

License Type	TOTAL Licenses Sold			ARCHERY SEASONS Licenses Sold			MUZZLELOADER SEASONS Licenses Sold			ALL RIFLE SEASONS * Licenses Sold												LIMITED LICENSE DRAWS Applications Submitted					
										TOTAL RIFLE			EITHER-SEX ONLY RIFLE			ANTLERED ONLY RIFLE			ANTLERLESS ONLY RIFLE			PRIMARY DRAW			LEFTOVER/SECONDARY DRAW		
	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE	2019	2020	PERCENT CHANGE
Limited	118,913	117,458	-1.2	6,456	11,834	83.3	11,863	11,107	-6.3	100,594	94,517	-6	12,255	14,716	20	24,345	20,980	-13.8	63,994	58,821	-5.2	203,204	215,207	6	1,109	13,791	1,144
Unlimited OTC	95,626	92,568	-3.1	38,544	34,667	-10	0	0	0	57,082	57,901	1.4	1,516	1,801	18.7	55,566	56,100	0.9	0	0	100	n/a					
Total	214,539	210,026	-2.1	45,000	46,501	3.3	11,863	11,107	-6.3	157,676	152,418	-3.3	13,771	16,517	19.9	79,911	77,080	-3.5	63,994	58,821	-4.4	203,204	215,207	6	1,109	13,791	1,144

*Rifle license numbers include all Rifle and Season Choice seasons

*Rifle license numbers include all rifle and Season Choice seasons

PRONGHORN

PRONGHORN

TOTAL Licenses Sold			ARCHERY SEASONS Licenses Sold			MUZZLELOADER SEASONS Licenses Sold			ALL RIFLE SEASONS * Licenses Sold												LIMITED LICENSE DRAWS Applications Submitted							
License Type	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	TOTAL RIFLE		EITHER-SEX ONLY RIFLE		ANTLERED ONLY RIFLE		ANTLERLESS ONLY RIFLE		PRIMARY DRAW			LEFTOVER/SECONDARY DRAW			License Type				
										2019	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE		2019	2020	2019-2020 PERCENT CHANGE	
Limited	21,322	21,793	2.2	763	834	9.3	1,671	2,013	20.4	18,888	18,946	0.3	36	95	163.8	7,989	7,871	-1.4	10,863	10,980	-1	71,062	86,913	22	n/a	2,103	100	Limited
Unlimited OTC	2,558	1,761	-31.1	2,558	1,761	-31.1	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	Unlimited OTC
Total	23,880	23,554	-1.3	3,321	2,595	-21.8	1,671	2,013	20.4	18,888	18,946	0.3	36	95	163.8	7,989	7,871	-1.4	10,863	10,980	-1	71,062	86,913	22	n/a	2,103	100	Total

*Rifle license numbers include all Rifle and Season-Choice seasons

*Rifle license numbers include all rifle and Season Choice seasons

MOOSE

MOOSE

License Type	TOTAL Licenses Sold			ANTLERED & EITHER-SEX SEASONS ** Licenses Sold			ANTLERLESS SEASONS Licenses Sold			LIMITED LICENSE DRAWS Applications Submitted						License Type
	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	PRIMARY DRAW			LEFTOVER/SECONDARY DRAW			
										2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	
Resident	460	411	-11	193	186	-4	267	225	-3	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	Resident
Nonresident	46	41	-11	24	21	-13	22	20	-14							Nonresident
Total	506	452	-11	217	207	-5	289	245	-3	40,984	45,412	11	n/a	n/a		Total
** Includes Auction and Raffle Licenses																

** Includes Auction and Raffle licenses

BEAR

BEAR

		TOTAL Licenses Sold			ARCHERY SEASONS Licenses Sold			MUZZLELOADER SEASONS Licenses Sold			SEPTEMBER RIFLE SEASONS Licenses Sold						CONCURRENT RIFLE SEASONS Licenses Sold						LIMITED LICENSE DRAWS Applications Submitted							
Residency	License Type	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	2019	2020	2019-2020 PERCENT CHANGE	SEPTEMBER RIFLE			SEPTEMBER PLO			CONCURRENT RIFLE			CONCURRENT PLO			PRIMARY DRAW			LEFTOVER/SECONDARY DRAW			License Type	License Type
Resident	Limited	10,776	14,002	30	0	2,513	100	0	875	100	9,104	8,933	-2	886	0	-100	0	1,681	100	786	0	-100					Limited	Resident		
	OTC w Caps	6,643	0	-100	2,183	0	-100	540	0	-100	9	0	-100	123	0	-100	3,656	0	-100	132	0	-100					OTC w Caps			
	Unlimited OTC	68	6,730	9,797	0	1,898	100	0	378	100	0	0	0	0	443	100	68	3,388	4,862	0	623	100					Unlimited OTC			
	Total	17,487	20,732	19	2,183	4,411	102	540	1,253	132	9,113	8,933	-2	1,009	443	-56	3,724	5,069	36	918	623	-32					Total			
Nonresident	Limited	2,299	3,267	42	0	862	100	0	366	100	1,766	1,704	-4	287	0	-100	0	335	100	246	0	-100					Limited	Nonresident		
	OTC w Caps	5,605	0	-100	1,941	0	-100	598	0	-100	7	0	-100	87	0	-100	2,948	0	-100	24	0	-100					OTC w Caps			
	Unlimited OTC	29	6,459	22,172	0	1,998	100	0	366	100	0	0	0	0	361	100	29	3,463	11,841	0	271	100					Unlimited OTC			
	Total	7,933	9,726	23	1,941	2,860	47	598	732	22	1,773	1,704	-4	374	361	-3	2,977	3,798	28	270	271	0					Total			
OVERALL	Limited	13,075	17,269	32	0	3,375	100	0	1,241	100	10,870	10,637	-2	1,173	0	-100	0	2,016	100	1,032	0	-100	31,994	30,873	-4	n/a	1,802	-4	Limited	OVERALL
	OTC w Caps	12,248	0	-100	4,124	0	-100	1,138	0	-100	16	0	-100	210	0	-100	6,604	0	-100	156	0	-100	n/a					OTC w Caps		
	Unlimited OTC	97	13,189	13,497	0	3,896	100	0	744	100	0	0	0	0	804	100	97	6,851	6,963	0	894	100	n/a					Unlimited OTC		
	Total	25,420	30,458	20	4,124	7,271	76	1,138	1,985	74	10,886	10,637	-2	1,383	804	-42	6,701	8,867	32	1,188	894	-25	31,994	30,873	-4	n/a	1,802	-4	Total	