

Montana 2016 Shoulder Season Performance Criteria Evaluation. Green cells = meets criteria, orange = does not meet criteria.												
2016 Harvest Criteria - Harvest that is needed and harvest that was realized												
Hunting District(s)	Pop Obj	2016			Archery and General Seasons ^a				All Seasons Combined ^b (Archery+General+Shoulder)			
		Last Count	Recruitment		Adult Cows		Adult Bulls		Adult Cows		Cows + Bulls + Calves	
			Cows	Bulls	Needed	Realized	Needed	Realized	Needed	Realized	Needed	Realized
210/211	1450	2281	221	147	113	125	75	128	221	246	368	392
212/213	1150	2367	167	118	85	94	60	207	167	166	285	391
215	1400	2765	293	195	149	179	99	213	293	429	488	659
217	600	1225	96	64	49	58	33	42	96	240	160	301
290/298	600	767	95	63	48	86	32	54	95	148	158	215
291	600	1368	119	79	61	58	40	57	119	174	198	240
312	600	1058	129	86	66	142	44	199	129	270	215	475
390	900	2321	315	210	161	91	107	75	315	189	525	273
393	1500	3027	415	277	212	175	141	189	415	306	692	510
411/511/530	800	5452	468	379	239	239	193	281	468	414	847	717
412	300	730	86	57	44	57	29	64	86	108	143	179
421/423	500	660	74	50	38	87	26	79	74	118	124	200
422	500	1685	186	124	95	64	63	55	186	143	310	203
445/455	2500	3976	457	305	233	199	156	140	457	260	762	415
446	950	2114	270	180	138	134	92	212	270	283	450	513
449/452	600	1501	192	128	98	93	65	133	192	132	320	284
451	275	538	89	59	45	22	30	35	89	62	148	100
502/510/520/575	1335	2551	391	263	199	150	134	136	391	218	654	360
540	600	1786	340	226	173	100	115	76	340	151	566	243
560N	400	1356	150	100	77	98	51	113	150	157	250	290
570	100	576	88	59	45	19	30	47	88	47	147	97
580	975	4616	581	387	296	160	197	261	581	224	968	487
590N	750	2331	383	255	195	154	130	245	383	235	638	484
620/621/622	1650	2869	457	305	233	272	156	267	457	310	762	598
630/631/632	350	535	85	56	43	62	29	63	85	98	141	164
680/690	250	435	90	60	46	71	31	46	90	85	150	138
Total	21635	50890	6237	4232	3181	2989	2158	3417	6237	5213	10469	8928

^a Harvest of adult bulls and cows (no calves) during the archery and general seasons combined must be a number $\geq 51\%$ of recruitment for both bulls and cows.

^b Harvest during all seasons combined (archery, general and shoulder seasons) must be a combined harvest of bulls, cows **and calves** $\geq 100\%$ of recruitment of all elk.

Montana 2017 Montana Shoulder Season Performance Criteria Evaluation. Green cell = meets criteria, orange = does not meet criteria.

2017 Harvest Criteria - Harvest that is needed and harvest that was realized												
2017												
Hunting District(s)	Pop Obj	Last Count	Recruitment		Archery and General Seasons ^a				All Seasons Combined ^b (Archery+General+Shoulder)			
			Cows	Bulls	Adult Cows		Adult Bulls		Adult Cows		Cows + Bulls + Calves	
					Needed	Realized	Needed	Realized	Needed	Realized	Needed	Realized
210/211	1450	1901	185	111	94	160	57	235	185	290	296	533
212/213	1150	2126	219	146	112	129	74	227	219	171	365	421
215	1400	2850	277	185	141	263	94	417	277	498	462	938
217	600	1384	150	100	77	51	51	71	150	159	250	234
290/298	600	845	47	31	24	91	16	69	47	138	78	218
291	600	1411	139	92	71	50	47	128	139	130	231	262
312	600	1551	230	153	117	236	78	255	230	301	383	587
390	900	2252	222	148	113	150	75	214	222	210	370	453
393	1500	3318	506	337	258	292	172	319	506	437	843	773
411/511/530	800	5962	912	608	465	369	310	287	912	529	1520	853
412	300	735	95	63	48	107	32	61	95	148	158	225
421/423	500	783	62	41	32	32	21	100	62	69	103	180
422	500	1508	154	103	79	77	53	91	154	149	257	242
445/455	2500	4363	466	310	238	210	158	200	466	290	776	504
446	950	1893	234	156	119	157	80	224	234	260	390	507
449/452	600	1073	132	88	67	129	158	171	132	214	220	414
451	275	628	73	49	37	20	25	37	73	32	122	77
502/510/520/575	1335	2937	403	271	206	158	138	159	403	232	674	410
540	600	2046	427	284	218	141	145	174	427	178	711	366
560N	400	2031	274	183	140	113	93	171	274	180	457	360
570	100	472	68	45	35	63	23	55	68	85	113	146
580	975	4846	505	337	258	223	172	280	505	326	842	622
590N	750	2703	413	275	211	299	140	246	413	389	688	660
620/621/622	1650	2869	457	305	233	221	156	195	457	259	762	457
630/631/632	350	535	85	56	43	44	29	56	85	46	141	104
680/690	250	523	110	74	56	41	38	32	110	52	184	86
Total	21635	53545	6845	4551	3492	3826	2435	4474	6845	5772	11396	10632

^a Harvest of adult bulls and cows (no calves) during the archery and general seasons combined must be a number $\geq 51\%$ of recruitment for both bulls and cows.

^b Harvest during all seasons combined (archery, general and shoulder seasons) must be a combined harvest of bulls, cows **and calves** $\geq 100\%$ of recruitment of all elk.

Montana 2018 Montana Shoulder Season Performance Criteria Evaluation. Green cell = meets criteria, orange = does not meet criteria.

2018 Harvest Criteria - Harvest that is needed and harvest that was realized												
Hunting District(s)	Pop Obj	2018			Archery and General Seasons ^a				All Seasons Combined ^b (Archery+General+Shoulder)			
		Last Count	Recruitment		Adult Cows		Adult Bulls		Adult Cows		Cows + Bulls + Calves	
			Cows	Bulls	Needed	Realized	Needed	Realized	Needed	Realized	Needed	Realized
210/211	1450	1901	185	111	94	134	57	187	185	289	296	479
212/213	1150	1283	148	99	75	171	50	196	148	346	247	555
215	1400	2650	271	181	138	283	92	296	271	401	452	711
217	600	806	73	49	37	32	25	38	73	78	122	116
290/298	600	845	78	52	40	49	27	72	78	89	130	161
291	600	1262	144	96	73	75	49	99	144	123	240	230
312	600	1199	175	117	89	119	60	197	175	206	292	413
390	900	1904	184	123	94	125	63	104	184	207	307	318
393	1500	3038	559	373	285	153	190	247	559	305	932	576
411/511/530	800	7342	1295	863	660	268	440	287	1295	527	2158	841
412	300	573	80	54	41	66	28	79	80	128	134	206
421/423	500	661	64	43	33	28	22	79	64	138	107	226
422	500	1294	128	85	65	50	43	47	128	112	213	165
445/455	2500	4257	484	323	247	182	165	179	484	215	807	424
446	950	1619	247	165	126	121	84	170	247	210	412	414
449/452	600	1286	210	140	107	135	71	174	210	230	350	432
451	275	628	73	49	37	12	25	50	73	31	122	81
502/510/520/575	1335	2527	350	234	179	177	119	149	350	306	584	474
540	600	1841	324	216	165	99	110	97	324	166	540	277
560N	400	1424	154	102	79	64	52	125	154	138	256	279
570	100	398	55	37	28	34	19	58	55	77	92	142
580	975	4821	429	286	219	183	146	283	429	411	715	723
590N	750	2703	413	275	211	129	140	215	413	253	688	484
620/621/622	1650	1662	302	201	154	255	103	202	302	294	503	508
630/631/632	350	632	106	71	54	29	36	45	106	37	177	86
680/690	250	647	125	83	64	64	42	32	125	71	208	108
Total	21635	49203	6656	4428	3395	3037	2258	3707	6656	5388	11084	9429

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Montana 2016, 2017 and 2018 combined Montana Shoulder Season Performance Criteria Evaluation.

2016 + 2017 + 2018 Harvest Criteria - Harvest that is needed and harvest that was realized											
	2016 + 2017 + 2018		Archery and General Seasons ^a				All Seasons Combined ^b (Archery+General+Shoulder)				
	Recruitment		Adult Cows		Adult Bulls		Adult Cows		Cows + Bulls + Calves		
Hunting District(s)	Cows	Bulls	Needed	Realized	Needed	Realized	Needed	Realized	Needed	Realized	
210/211	591	369	301	419	#	188	550	591	825	960	1404
212/213	534	363	272	394		185	630	534	683	897	1367
215	841	561	429	725		286	926	841	1328	1402	2308
217	319	213	163	141		109	151	319	477	532	651
290/298	220	146	112	226		74	195	220	375	366	594
291	402	267	205	183		136	284	402	427	669	732
312	534	356	272	497		182	651	534	777	890	1475
390	721	481	368	366		245	393	721	606	1202	1044
393	1480	987	755	620		503	755	1480	1048	2467	1859
411/511/530	2675	1850	1364	876		944	855	2675	1470	4525	2411
412	261	174	133	230		89	204	261	384	435	610
421/423	200	134	102	147		68	258	200	325	334	606
422	468	312	239	191		159	193	468	404	780	610
445/455	1407	938	718	591		478	519	1407	765	2345	1343
446	751	501	383	412		256	606	751	753	1252	1434
449/452	534	356	272	357		182	478	534	576	890	1130
451	235	157	120	54		80	122	235	125	392	258
502/510/520/575	1144	768	583	485		392	444	1144	756	1912	1244
540	1091	726	556	340		370	347	1091	495	1817	886
560N	578	385	295	275		196	409	578	475	963	929
570	211	141	108	116		72	160	211	209	352	385
580	1515	1010	773	566		515	824	1515	961	2525	1832
590N	1209	805	617	582		411	706	1209	877	2014	1628
620/621/622	1216	811	620	748		414	664	1216	863	2027	1563
630/631/632	276	183	141	135		93	164	276	181	459	354
680/690	325	217	166	176		111	110	325	208	542	332
Total	19738	13211	10066	9852		6738	11598	19738	16373	32949	28989

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^b Harvest during all seasons combined (archery, general and shoulder seasons) must be a combined harvest of bulls, cows **and calves** ≥100% of recruitment of all elk.

Spring Elk Counts in Montana Shoulder Season HDs 2016, 2017 & 2018

Numbers in red represent using the previous year's count because data for year is not available.

		2016	2017	2018	2019
	Pop	Last	Last	Last	Last
Hunting District(s)	Obj	Count	Count	Count	Count
101	NA ^a	NA ^a	NA ^a	NA ^a	NA ^a
109/110	NA ^c	NA ^c	NA ^c	NA ^c	NA ^c
210/211	1450	2281	1901	1901	1037
212/213	1150	2326	2126	1283	1853
215	1400	2765	2850	2650	1752
217	600	1225	1384	806	648
290/298	600	767	845	845	865
291	600	1368	1411	1262	519
292	NA ^a	NA ^a	NA ^a	NA ^a	NA ^a
312	600	1058	1551	1199	1121
390	900	2321	2252	1904	1803
393	1500	3027	3318	3038	3489
411/511/530	800	5452	5962	7342	7204
412	300	730	735	573	528
421/423	500	660	783	661	661
422	500	1685	1508	1294	983
445/455	2500	3976	4363	4257	4029
446	950	2114	1893	1619	2184
449/452	600	1501	1073	1286	1207
451	275	538	628	628	210
502/510/520/575	1050	2551	2937	2527	2559
540	600	1786	2046	1841	1915
560	400	1356	2312	1564	1872
570	100	576	472	398	398
580	975	4616	4846	4821	4170
590	750	2331	2703	2703	2703
620/621/622	1650	2869	2869	1662	1662
630/631/632	350	535	535	632	632
680/690	250	435	523	647	647
Total	21350	50849	53826	49343	46651