

# Hunt Arizona

2017 Edition



*Survey, Harvest and Hunt Data for Big and Small Game*



ARIZONA GAME AND FISH DEPARTMENT



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# How to Use Survey and Harvest Data

Both novice and experienced hunters will find this book a valuable resource to help in making informed decisions regarding hunt selections. The book is a compendium of facts about hunting in Arizona, including up-to-date information on:

- Which game management units have the most big-game permits,
- The units with the narrowest male to female ratios,
- Units and hunts with the highest hunt success,
- Hunts that have the best drawing odds, and
- Historical survey and hunt information the reader can use to compare trends for the major game species in each management unit.

The information is relatively simple to use. Looking through the section on deer, for example, you will find a summary of the survey data for both mule deer and white-tailed deer in each game management unit having these species. This information will help you determine whether a unit has a high proportion of bucks and whether it is experiencing good fawn production. Bear in mind, however, that due to differences in survey methods the male to female and female to young ratios are only estimates.

By checking the unit hunt information summary, you can determine the hunter success rate, how many permits were available in the past, and the drawing odds for previous hunts. Be aware that some units have several authorized hunts, each limited to a specific kind (or kinds) of weapon. Your selection of a hunt for which to apply will depend on your own preference of hunt area, weapon type, season dates, and the kind of animal you wish to harvest.

## *Beating the Odds*

Permits for big-game hunts in Arizona are issued through a drawing system. Since the best predictor of the future is the past, the best estimate of your draw odds for an upcoming hunt is the draw rate for that hunt in the previous draw. Draw odds for each hunt are calculated by dividing successful first choice applicants by the total first choice applicants. Even though some permits may have been issued to second choice applicants, this method accurately reflects the applicant's chances of receiving their first choice.

The odds of receiving a permit for a second choice hunt instead of a first choice hunt are calculated by sub-

tracting the draw rate for the first choice hunt from the draw rate for the second choice hunt. The odds for receiving your first or second choice would therefore be the same as your highest odds choice. For example, if your first choice selection had a 40 percent draw rate last year, and your second choice selection had a 60 percent draw rate, your odds this year are 40 percent for getting your first choice, 20 percent for getting your second choice, and 60 percent overall (assuming that the results of this year's draw will be similar to those of the previous draw). It therefore makes little sense to apply for a second choice hunt with a lower draw rate than your first choice hunt. Only those hunts that did not fill with first or second choice applications are considered for third, fourth, or fifth choices. Therefore, only hunts with draw odds of 100 percent are good candidates for these choices.

While draw rates are relatively favorable for most deer, turkey and javelina hunts, they are much more competitive for elk, antelope, bison, and bighorn sheep. Beginning in 1991, the Arizona Game and Fish Department began issuing bonus points to unsuccessful applicants for these species. In 1999, unsuccessful applicants for deer began to receive bonus points. In 2005, turkey, javelina, and spring bear began receiving bonus points. Each point accumulated gives the applicant an extra entry in the hunt drawing for that species. For more information about the bonus point system, please refer to R12-4-107 in the current Fall Hunting Regulations booklet.

A summary of 2016 draw odds seems to indicate little advantage to having many bonus points. Further analysis, however, reveals that applicants with the largest number of bonus points are applying for hunts with the poorest draw odds, which obscures the benefits of having multiple bonus points. For example, elk applicants without any bonus points applied for hunts with draw odds that averaged 17.9 percent, while those with 23 bonus points applied for hunts with draw odds averaging less than 0.60 percent. This tendency held true for their second choices as well.

Comparing applicants on the basis of their first choice hunts reveals a truer picture of the advantages of bonus points, particularly for those applying for hunts with high draw odds. General antelope applicants with 25 bonus points, for example, were drawn for their first choice hunt at over 66 times the rate of applicants with no bonus points (66.7 vs 0.39 percent). General elk

## How to Use Survey and Harvest Data

applicants with 23 bonus points were drawn for their first choice hunt at over 88 times the rate of applicants with no bonus points (100 percent versus 11.9 percent).

Draw odds in the tables contained in this report are computed without regard to numbers of bonus points and therefore represent your odds if you have an average number of bonus points. In the 2016 draw, the average applicant for elk tags had about 3 bonus points while those applying for antelope, big-horn sheep, bison, and deer tags had 11, 17, 10, and 2 respectively.

Another point to consider when choosing hunts is the number of people on your application. This can be

an important factor when applying for hunts with low numbers of permits, since no permits will be issued if there are not enough for everyone on the application. Applying with three other people for a 10-permit hunt, for example, cuts your odds by 30 percent. Applying with people who have fewer bonus points than you have will also decrease your odds, since the number of bonus points assigned to an application is the average accumulated by the group.

One last tip to keep in mind is that new hunts, or hunts in which permits have been recently increased, generally have slightly better draw odds than other hunts. Conversely, hunts with reduced numbers of permits generally have poorer odds.

### Bonus Points By Species

*Bonus points listed below include the permanent hunter education point and the loyalty point (earn by submitting a valid application for 5 consecutive years).*

For all species except antelope and elk, the tables below are a summary of group bonus points resulting from the 2016 Fall Draw (Section A) and individual bonus points going into the 2017 Fall Draw (Section B).

For antelope and elk, the tables are a summary of group bonus points resulting from the 2017 Antelope and Elk Draw (Section A) and individual bonus points going into the 2018 Antelope and Elk Draw (Section B). Group bonus points are the average number of bonus points per hunt application. A hunt application can be submitted with 1 to 4 applicants. The bonus points, which may differ for each individual on an application, are averaged to come up with “group bonus points.” Individual bonus points in Section B are the count of all hunters in each bonus point

level. Both group and individual bonus points include the permanent hunter education point and the loyalty point. All potential hunters may not be represented in Section A if an individual with bonus points did not apply during the recent Draw. Also, keep in mind that applicants with the greatest number of bonus points often apply for hunts with poorest draw odds, which obscures the benefits of having multiple bonus points. Refer to the narrative on the previous pages about “Beating the Odds.”

Remember, all potential hunters may not apply in a given year. Also, Section A does NOT reflect individuals who may have purchased a bonus point for a given species.

#### Deer

A RESULTS OF THE 2016 FALL DRAW			B GOING INTO THE 2017 FALL DRAW			
Group Bonus Points going into the 2016 Fall Draw	No. Hunters per Bonus Point going into the 2016 Fall Draw	Percent Drawn during the 2016 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2017 Fall Draw	No. of Hunters per Bonus Point going into the 2017 Fall Draw		
				RESIDENT	NONRESIDENT	TOTAL
0	18,516	43.5%	1	131,537	9,733	141,270
1	29,457	54%	2	30,712	2,780	33,492
2	20,474	53.4%	3	10,858	1,922	12,780
3	7,360	49.4%	4	4,748	1,003	5,751
4	3,542	38.3%	5	2,555	1,092	3,647
5	1,996	26.2%	6	1,551	1,076	2,627
6	1,293	21.0%	7	1,109	885	1,994
7	897	21.5%	8	717	742	1,459
8	589	13.9%	9	478	624	1,102
9	498	15.1%	10	307	615	922
10	419	10.3%	11	242	526	768
11	363	6.1%	12	195	544	739
12	336	10.4%	13	162	434	596
13	249	9.2%	14	120	321	441
14	245	10.2%	15	112	287	399
15	236	5.1%	16	98	273	371
16	171	8.2%	17	46	246	292
17	122	9.8%	18	22	177	199
18	106	14.2%	19	6	157	163
19	106	9.4%	20	2	129	131
			20	2	129	131

## How to Use Survey and Harvest Data

### *Bonus Points by Species*

**Antelope** (Section A does NOT reflect individuals who purchased a bonus point)

A			B			
RESULTS OF THE 2017 WINTER DRAW			GOING INTO THE 2018 WINTER DRAW			
Group Bonus Points going into the 2017 Fall Draw	No. Hunters per Bonus Point going into the 2017 Fall Draw	Percent Drawn during the 2017 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2018 Fall Draw	No. of Hunters per Bonus Point going into the 2018 Fall Draw		
				Resident	Nonresident	Total
0	3,510	0.4%	1	115,532	8,186	123,718
1	3,448	0.7%	2	9,171	1,668	10,839
2	3,039	1.6%	3	5,695	1,161	6,856
3	2,021	0.8%	4	4,180	949	5,129
4	1,845	2.4%	5	3,425	791	4,216
5	2,084	2.1%	6	2,782	731	3,513
6	1,850	1.8%	7	2,403	607	3,010
7	1,627	3.5%	8	1,924	462	2,386
8	1,351	2.9%	9	1,723	459	2,182
9	1,241	3.6%	10	1,527	466	1,993
10	1,123	3.7%	11	1,398	422	1,820
11	1,013	4.7%	12	1,311	375	1,686
12	1,006	3.7%	13	1,100	299	1,399
13	842	4.6%	14	944	244	1,188
14	708	5.2%	15	908	203	1,114
15	732	3.4%	16	843	224	1,067
16	660	7.3%	17	706	147	853
17	570	3.0%	18	638	89	727
18	494	5.5%	19	493	88	581
19	409	3.9%	20	447	72	519
20	348	4.6%	21	402	60	462
21	320	5.6%	22	333	31	364
22	286	11.5%	23	177	16	193
23	154	27.9%	24	52	7	59
24	51	66.7%	25	17	3	20
25	10	100%	26	8	1	9
			27	2	1	3

**Elk** (Section A does NOT reflect individuals who purchased a bonus point)

A			B			
RESULTS OF THE 2017 WINTER DRAW			GOING INTO THE 2018 WINTER DRAW			
Group Bonus Points going into the 2017 Fall Draw	No. Hunters per Bonus Point going into the 2017 Fall Draw	Percent Drawn during the 2017 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2018 Fall Draw	No. of Hunters per Bonus Point going into the 2018 Fall Draw		
				Resident	Nonresident	Total
0	18,562	10.9%	1	6,478	15,566	152,044
1	23,953	19.3%	2	36,174	5,137	41,311
2	24,032	22.3%	3	21,238	3,434	24,672
3	15,811	25.5%	4	12,816	2,644	15,460
4	10,738	26.2%	5	7,371	2,014	9,385
5	7,124	28.2%	6	4,087	1,713	5,800
6	4,400	31.9%	7	2,286	1,329	3,615
7	2,679	29.0%	8	1,395	1,041	2,436
8	1,643	22.9%	9	811	956	1,767
9	1,081	21.6%	10	601	799	1,400
10	830	16.7%	11	417	693	1,110
11	636	15.6%	12	341	763	1,104
12	615	12.5%	13	265	622	887
13	563	10.8%	14	242	418	660
14	365	13.4%	15	206	321	527
15	313	10.9%	16	174	265	439
16	262	9.2%	17	152	214	366
17	212	10.4%	18	108	178	286
18	185	16.2%	19	75	148	223
19	143	16.8%	20	58	76	134
20	92	17.4%	21	20	57	77
21	53	32.1%	22	8	25	33
22	16	18.8%	23	3	7	10
23	6	83.3%	24	1	0	1
24	1	100%	25	0	1	1
			26	0	0	0
			27	0	1	1

# How to Use Survey and Harvest Data

## *Bonus Points by Species*

**Turkey** (Accrue bonus points through both the spring and fall draws; Section A does NOT reflect individuals who purchased a bonus point)

A			B			
Results of 2017 Spring Draw			Going into the 2017 Fall Draw			
Group Bonus Points going into the 2017 Spring Draw	No. Hunters per Bonus Point going into the 2017 Spring Draw	Percent Drawn during the 2017 Spring Draw within a Bonus Point grouping	Individual Bonus Points going into the 2017 Fall Draw	No. of Hunters per Bonus Point going into the 2017 Fall Draw		
				Resident	Nonresident	Total
0	2,238	24.8%	1	131,209	6,950	138,159
1	4,731	34.5%	2	8,110	242	8,352
2	3,451	40.7%	3	2,547	125	2,672
3	1,528	45.6%	4	913	82	995
4	568	67.3%	5	399	68	467
5	305	62.6%	6	211	47	258
6	152	39.5%	7	190	32	222
7	118	21.2%	8	113	53	166
8	85	11.8%	9	100	26	126
9	62	17.7%	10	88	19	107
10	63	14.3%	11	88	19	107
11	69	13%	12	70	6	76
12	44	6.8%	13	68	8	76
13	53	13.2%	14	32	9	41
14	20	10%	15	29	4	33
15	23	13%	16	20	6	26
16	22	27.3%	17	20	10	30
17	20	15%	18	18	1	19
18	18	38.9%	19	12	4	16
19	14	42.9%	20	5	2	78
20	2	100%	21	1	4	5
21	1	100%	22	5	2	7
			23	2	0	2

**Javelina** (Accrue bonus points through both the spring and fall draws; Section A does NOT reflect individuals who purchased a bonus point)

A			B			
Results of the 2017 Spring Draw			Going into the 2017 Fall Draw			
Group Bonus Points going into the 2017 Spring Draw	No. Hunters per Bonus Point going into the 2017 Spring Draw	Percent Drawn during the 2017 Spring Draw within a Bonus Point grouping	Individual Bonus Points going into the 2017 Fall Draw	No. of Hunters per Bonus Point going into the 2017 Fall Draw		
				Resident	Nonresident	Total
	(Spring Hunts)					
0	6,903	86.2%	1	132,590	7,247	139,837
1	9,973	91%	2	1,570	230	1,800
2	3,992	97%	3	169	131	300
3	301	100%	4	44	71	115
4	35	100%	5	27	60	87
5	11	100%	6	23	41	64
6	11	100%	7	10	18	28
7	4	100%	8	7	21	28
11	3	100%	9	2	22	24
			10	1	11	12
			11	1	15	16
			12	3	3	6
			13	2	4	6
			14	4	5	9
			15	2	1	3
			16	0	1	1
			17	0	2	2
			18	2	0	2
			19	2	0	2
			20	1	0	1
			21	1	1	2
			22	2	0	2
			23	1	0	1

## How to Use Survey and Harvest Data

### *Bonus Points by Species*

**Bighorn** (Section A does NOT reflect individuals who purchased a bonus point)

A			B			
Results of the 2016 Fall Draw			Going into the 2017 Fall Draw			
Group Bonus Points going into the 2016 Fall Draw	No. Hunters per Bonus Point going into the 2016 Fall Draw	Percent Drawn during the 2016 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2017 Fall Draw	No. of Hunters per Bonus Point going into the 2017 Fall Draw		
				Resident	Nonresident	Total
0	1,484	0.00%	1	118,592	7,518	126,110
1	1,593	0.00%	2	3,764	1,634	5,398
2	1,401	0.14%	3	2,383	1,144	3,527
3	797	0.13%	4	1,493	513	2,006
4	725	0.00%	5	921	785	1,706
5	1,094	0.27%	6	1,233	865	2,098
6	905	0.44%	7	1,081	647	1,728
7	659	0.61%	8	749	556	1,305
8	595	0.17%	9	731	507	1,238
9	605	0.50%	10	606	522	1,128
10	564	0.53%	11	594	470	1,064
11	541	0.37%	12	560	424	984
12	510	1.57%	13	520	393	913
13	505	0.40%	14	461	337	798
14	549	0.73%	15	477	358	835
15	571	1.05%	16	518	307	825
16	508	1.38%	17	445	236	681
17	377	1.86%	18	348	189	537
18	318	0.31%	19	287	162	449
19	303	0.99%	20	235	158	393
20	268	1.12%	21	252	111	363
21	274	1.46%	22	239	117	356
22	239	0.42%	23	227	87	314
23	235	2.55%	24	190	83	273
24	194	2.06%	25	144	67	211
25	184	2.17%	26	171	44	215
26	213	0.00%	27	201	34	235
27	103	21.36%	28	84	4	88

**Bear** (Spring draw only) (Due to complications with the 2016 Spring Draw, draw results are unavailable)

A			B			
Results of the 2017 Spring Draw			Going into the 2018 Spring Draw			
Group Bonus Points going into the 2017 Fall Draw	No. Hunters per Bonus Point going into the 2017 Fall Draw	Percent Drawn during the 2017 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2018 Fall Draw	No. of Hunters per Bonus Point going into the 2018 Fall Draw		
0	227	0.0%	1	131,423	6,839	138,262
1	306	2.29%	2	873	54	927
2	153	15.0%	3	277	17	294
3	44	34.1%	4	139	14	153
4	23	13.0%	5	74	6	80
5	8	50.0%	6	41	4	45
6	13	30.8%	7	19	2	21
7	1	100.0%	8	8	4	12
9	1	0.0%	9	10	2	12
10	1	0.0%	10	13	1	14
11	2	0.0%	11	14	3	17
12	1	100.0%	12	7	2	9

## How to Use Survey and Harvest Data

### *Bonus Points by Species*

**Bison** (Accrue bonus points through both the spring and fall draws; Section A does NOT reflect individuals who purchased a bonus point) (Due to complications with the 2016 Spring Draw, draw results are unavailable)

A			B			
Results of the 2016 Fall Draw			Going into the 2017 Fall Draw			
Group Bonus Points going into the 2016 Fall Draw	No. Hunters per Bonus Point going into the 2016 Fall Draw	Percent Drawn during the 2016 Fall Draw within a Bonus Point grouping	Individual Bonus Points going into the 2017 Fall Draw	No. of Hunters per Bonus Point going into the 2017 Fall Draw		
				Resident	Nonresident	Total
0	282	1.8%	1	125,970	6,993	132,963
1	383	3.4%	2	1,931	311	2,242
2	246	4.9%	3	932	210	1,142
3	170	5.3%	4	594	117	711
4	103	5.8%	5	413	109	522
5	80	3.8%	6	319	81	400
6	54	1.9%	7	255	56	311
7	43	9.3%	8	216	68	284
8	71	2.8%	9	259	44	303
9	45	2.2%	10	223	57	280
10	42	2.4%	11	180	39	219
11	37	8.1%	12	141	32	173
12	28	0.0%	13	136	22	158
13	29	3.5%	14	117	18	135
14	21	4.8%	15	106	11	117
15	17	0.0%	16	92	14	106
16	16	6.3%	17	80	10	90
17	20	10.0%	18	86	5	91
18	19	15.8%	19	78	12	90
19	25	4.0%	20	79	7	86
20	17	0.0%	21	52	10	62
21	20	0.0%	22	62	2	64
22	21	4.8%	23	57	5	62
23	15	0.0%	24	48	2	50
24	13	0.0%	25	44	3	47
25	11	0.0%	26	54	1	55
26	10	10.0%	27	40	2	42
27	15	6.7%	28	36	2	38
28	8	87.5%	29	22	1	23
29	7	100.0%	30	27	0	27
30	0	0.0%	31	7	1	8
31	1	100.0%	32	6	0	6
32	0	0.0%	33	6	0	6
35	1	100.0%	34	1	0	1
			35	2	0	2
			36	2	1	3
			37	1	0	1
			40	1	0	1
			41	0	1	1
			43	2	0	2
			44	1	0	1

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# Deer

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*Two species of deer occur in Arizona, the mule deer (Odocoileus hemionus) and the white-tailed deer (Odocoileus virginianus).*

## Mule Deer

### *Natural History*

Mule deer are the most abundant big-game animal in Arizona. They can be found in most areas of the state, from sparsely vegetated deserts upward into high, forested mountains. Rocky Mountain mule deer occur primarily in northern Arizona above the Mogollon Rim in game management units 1 through 13, while the so-called desert mule deer is found in all of the more southern units (15 through 46).

The mule deer gets its name from its large ears. Its coat is reddish-brown in summer, turning to a blue-gray or a chocolate brown in winter. The forehead is much darker than the face, while the animal's throat, belly, and inner leg surfaces are white. One of the mule deer's most distinguishing characteristics is a white rump patch and a narrow, black-tipped white tail.

The mule deer is the larger of Arizona's deer species. Adult bucks may weigh more than 200 pounds and stand up to 42 inches tall at the shoulder. Does average about 125 pounds.

Mule deer antlers typically branch into two main beams, each of which may fork into two or more tines. The size and number of points is dependent on a combination of the buck's age, nutrition, and genetic background. The antlers develop under a layer of soft skin, called velvet, which supplies them with nutrients. When fully grown, the antlers harden and the now dry velvet is rubbed off. The

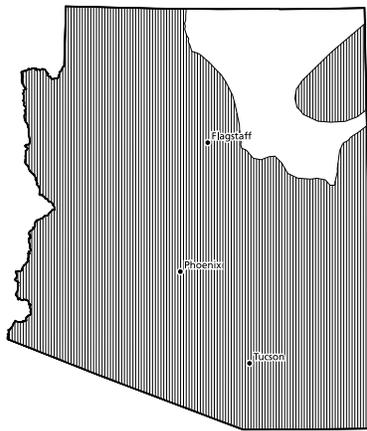
bony antlers are retained until spring, after the breeding season has passed. Buck deer are polygamous and use their antlers to intimidate other males and drive them away from the does during the winter breeding season.

After a gestation period of about 190 days, the does give birth to one or two spotted fawns. Fawns in northern Arizona are born in late spring, while those in southern Arizona usually arrive in midsummer. A fawn's spots disappear in about two months. The young remain with their mother until the following spring. Both sexes attain maturity in about one year and have a life span of about 10 years.

Research has shown that mule deer population levels are largely determined by the number of fawns that survive to be yearlings. Fawn survival, in turn, is largely determined by climatic events, with wet, mild winters contributing to high fawn survival rates. Dry winters and springs usually result in poor fawn survival, and heavy snows and freezing temperatures occasionally reduce the population levels of both fawn and adult Rocky Mountain mule deer. Another limiting factor for mule



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### Mule deer distribution

buds, leaves, and nuts. Important browse plants include mountain mahogany, cliff rose, sagebrush, and oak in northern Arizona, with jojoba, buck brush, and mountain mahogany being favored in southern Arizona. Most feeding is done at dawn and dusk, although human activity and a full moon may cause a shift to more feeding at night.

### Hunt History

As befits Arizona's principal game animal, deer received some protection as early as 1887 when a four-month season of October 1 through January 31 was established by the territorial legislature. Buck-only hunting was instituted in 1893, and the season was gradually reduced until 1913 when the new state legislature authorized a two-month season and a two-buck bag limit. Even this was deemed excessive by the state's sportsmen, and a public initiative in 1916 reduced the limit to one buck deer to be taken during the month of October.

Despite a serious overpopulation of deer on the North Kaibab in the 1920s, deer numbers appeared to decline in the rest of the state. In 1929, the mule deer season was closed south of the Gila River, and even as recently as 1946, fewer than 5,000 mule deer (more than 80 percent of all deer killed) were harvested in Arizona. Then, for reasons that are still unclear, deer populations began to increase. As the populations rose, doe and "any-deer" hunts were authorized. In 1961, an all-time high of 91,120 deer hunters took 35,897 deer. More than 86 percent of these were mule deer and nearly 10,000 were antlerless animals. Archery deer hunting was also now beginning to provide a significant hunting opportunity.

A series of years of poor fawn survival followed. By 1970 fewer than 16,000 deer were taken, and hunt success had fallen to 16 percent. With the institution of permit-only deer hunting the following year, hunter numbers dropped from more than 97,000 to fewer than 68,000. Only about 9,500 mule deer were reported harvested.

deer is predation. In Arizona, the mountain lion is the principal mule deer predator.

Mule deer are primarily browsers, although they feed largely on forbs and new grass growth in the spring and summer. Other major diet items are twigs, bark,

Deer permit numbers gradually increased after 1972, leveling off at around 70,000 per year between 1976 and 1982, when hunters took more than 12,000 mule deer, approximately 75 percent of the total deer harvest. Then, a series of wet winters resulted in an increase in fawn survival rates, and hunter numbers and the numbers of deer bagged increased accordingly until 1986, when nearly 86,000 hunters took 25,566 deer, of which 77 percent were mule deer.

Since then, another series of droughts has occurred, and deer hunting opportunity is again being curtailed. Today, about 47,000 permits are offered with hunt success between 21 percent and 28 percent; 60 percent of the total deer harvested today are mule deer. Prospects in the near future are still discouraging, but mule deer are "boom and bust" animals. With the advent of better than average winter rains, mule deer populations will once again improve.

## White-tailed Deer

### Natural History

Arizona's other deer is a small subspecies of the white-tailed deer. These Coues (pronounced Cows) deer are most common in the state's southeastern mountains, but range northward to the edge of the Mogollon Rim, up into the White Mountains, and as far west as Sycamore Canyon in Unit 8. Coues whitetails require areas of predictable summer precipitation and are most common in oak woodlands and on chaparral covered hillsides with oaks and pines. This species, while more resilient than mule deer to hunt pressure, is less tolerant of droughts and appears to be more affected by live-stock grazing.

In contrast to the mule deer's branching antlers, the tines or points of a whitetail's antlers originate from a forward-curving main beam. Mature bucks generally have three to four tines per side. The coat color is grayish-brown salt-and-pepper with white underparts; the face is marked with white halos around the eyes and a white band across the muzzle. The most distinguishing characteristic of the whitetail, however, is a long, fluffy tail that is all white on the underside, gray to reddish-black on top, and often lifted upward as an alarm signal.

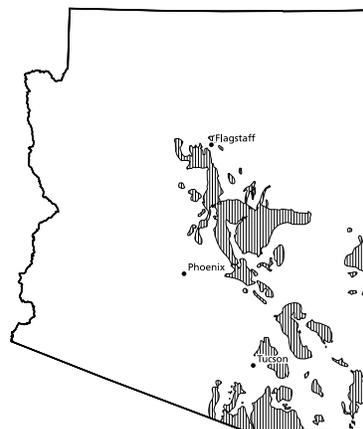
The Coues deer is much smaller than most of its eastern cousins. Bucks stand just over 30 inches at the shoulder and rarely weigh more than 100 pounds. Does average 65 pounds. The rutting season usually runs from December through February, and the fawn drop coincides with the new growth of forbs that results from the summer rains.

A doe's first pregnancy usually results in a single fawn; thereafter she may bear twins. White-tailed deer fawns may stay with their mothers for more than a year, and seeing two generations running together is not uncom-

## Deer



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### White-tailed deer distribution

tails rarely offer the hunter a standing shot once jumped. Perhaps for this reason, the species has become increasingly important in the harvest. Although the statewide take has varied from 1,500 to more than 7,000 white-tails a year, depending on the vagaries of drought and fawn survival, the recent trend has been for this species to constitute an ever greater proportion of the statewide harvest. For example, whitetails comprised less than 15 percent of Arizona's deer harvest in 1961, nearly 40 percent in 1998, and just over 40 percent today.

mon. Unlike mule deer, white-tailed deer rarely form herds, and most observations are of fewer than six animals.

When seen at a distance, white-tailed deer can often be distinguished from mule deer by their cautious, running gait and flagging white tail. Whitetails never use the stiff legged, bounding gait sometimes employed by mule deer. Habitat preferences also differ. In Arizona's southern mountain ranges, whitetails are generally found at higher elevations and in rougher country than are mule deer.

### *Hunt History*

The Coues white-tailed deer is perhaps Arizona's finest game animal. Wary, and expert at using cover, white-

## Deer Survey Data

### *Historic Summary of Mule Deer Survey Data*

Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
1948	95	293	143	77	608	32	49
1949	149	387	189	73	798	39	49
1950	373	1326	690	103	2492	28	52
1951	432	1553	887	424	3296	28	57
1952	804	2398	1551	747	5500	34	65
1953	636	2101	1512	559	4808	30	72
1954	616	2373	1020	553	4562	26	43
1955	1052	2276	841	594	4763	46	37
1956	352	1184	539	279	2354	30	46
1957	735	2079	886	540	4240	35	43
1958	552	1810	1057	350	3769	31	58
1959	1049	2748	1388	698	5883	38	51
1960	1125	2890	1179	409	5603	39	41
1961	1162	2806	1212	522	5702	41	43
1962	1213	3072	1205	478	5968	39	39
1963	1185	3186	1189	350	5910	37	37
1964	1118	3269	1467	353	6207	34	45
1965	1260	3460	1775	377	6872	36	51
1966	1299	4370	2240	486	8395	30	51
1967	1341	4715	2462	320	8838	28	52
1968	1029	3708	1620	324	6681	28	44
1969	1173	4494	2324	392	8383	26	52
1970	1306	5218	2669	383	9576	25	51
1971	1551	6018	2649	597	10815	26	44
1972	1262	4385	2093	346	8086	29	48
1973	1089	4363	2514	286	8252	25	58
1974	1009	4184	1999	319	7511	24	48
1975	1126	4275	1911	439	7751	26	45
1976	1029	4320	1820	263	7432	24	42
1977	1022	4402	1696	467	7587	23	39
1978	1329	5719	2573	472	10093	23	45
1979	1119	4824	2249	288	8480	23	47
1980	1255	5815	2428	311	9809	22	42
1981	1367	6315	2694	254	10630	22	43
1982	1299	5992	3033	249	10573	22	51
1983	1360	6540	3361	361	11622	21	51
1984	1401	6259	3411	407	11478	22	55
1985	2102	9093	4312	345	15852	23	47
1986	2148	10521	4989	210	17868	20	47
1987	2227	10193	4139	175	16734	22	41
1988	2157	11383	4577	145	18262	19	40
1989	1976	10272	3465	214	15927	19	34
1990	1778	10361	4024	203	16366	17	39
1991	1798	10532	4444	220	16994	17	42
1992	1689	9500	4332	100	15621	18	46
1993	1910	10177	4190	167	16444	19	41
1994	2103	11504	3833	159	17599	18	33
1995	1820	11082	3668	265	16835	16	33
1996	1590	9954	3001	124	14669	16	30
1997	1351	8756	3168	100	13375	15	36
1998	1404	8041	3919	53	13417	17	49
1999	1705	8559	3786	44	14094	20	44
2000	1732	8416	2794	80	13022	21	33
2001	1502	7408	3051	45	12006	20	41
2002	1321	7069	1838	142	10370	19	26
2003	1268	6190	2524	36	10018	20	41
2004	1134	5148	2309	59	8650	22	45
2005	1054	4738	2333	69	8194	22	49
2006	1146	5143	2150	89	8528	22	42
2007	1180	4931	2071	59	8241	24	42
2008	1132	4164	1965	106	7367	27	47
2009	1006	4380	1683	26	7095	23	38
2010	993	4581	1960	68	7602	22	43
2011	1206	5589	2494	71	9360	22	45
2012	1285	5829	2675	77	9866	22	46
2013	1403	6193	2953	65	10614	23	48
2014	1399	5735	2794	30	9958	24	32
2015	1736	6573	3188	74	11571	26	49
2016	1631	6049	2795	87	10562	27	46

## Deer Survey Data

### *Historic Summary of White-tailed Deer Survey Data*

Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
1947	58	72	11	26	167	81	15
1948	32	96	61	54	243	33	64
1949	49	95	37	67	248	52	39
1950	136	223	109	108	576	61	49
1951	25	68	22	23	138	37	32
1952	145	272	139	146	702	53	51
1953	151	336	387	181	1055	45	115
1954	367	828	309	204	1708	44	37
1955	227	497	217	120	1061	46	44
1956	247	533	167	219	1166	46	31
1957	266	455	147	170	1038	58	32
1958	221	420	148	88	877	53	35
1959	177	453	137	93	860	39	30
1960	159	440	164	124	887	36	37
1961	266	484	174	113	1037	55	36
1962	263	586	193	135	1177	45	33
1963	291	630	212	152	1285	46	34
1964	291	581	243	143	1258	50	42
1965	211	502	224	124	1061	42	45
1966	222	484	222	100	1028	46	46
1967	164	391	164	80	799	42	42
1968	152	382	144	105	783	40	38
1969	131	350	152	71	704	37	43
1970	149	373	138	49	709	40	37
1971	170	398	150	94	812	43	38
1972	145	312	133	70	660	46	43
1973	113	316	149	54	632	36	47
1974	101	244	95	54	494	41	39
1975	147	448	195	65	855	33	44
1976	171	577	183	73	1004	30	32
1977	165	577	178	76	996	29	31
1978	202	644	336	84	1266	31	52
1979	226	752	312	54	1344	30	41
1980	306	766	267	62	1401	40	35
1981	329	1069	404	48	1850	31	38
1982	315	1020	471	59	1865	31	46
1983	296	978	528	50	1852	30	54
1984	283	1016	538	56	1893	28	53
1985	424	1388	690	42	2544	31	50
1986	439	1403	544	112	2498	31	39
1987	444	1648	493	34	2619	27	30
1988	425	1584	551	29	2589	27	35
1989	461	1749	567	87	2864	26	32
1990	568	1970	742	53	3333	29	38
1991	483	1814	671	107	3075	27	37
1992	466	1859	634	58	3017	25	34
1993	479	1764	528	62	2833	27	30
1994	541	2000	518	192	3251	27	26
1995	538	2227	588	102	3455	24	26
1996	620	2697	729	91	4137	23	27
1997	484	2380	569	45	3478	20	24
1998	475	1967	679	52	3173	24	35
1999	422	1885	679	32	3018	22	36
2000	405	1734	499	57	2695	23	29
2001	451	1925	711	132	3219	23	37
2002	475	2023	558	44	3100	23	28
2003	550	2165	761	45	3521	25	35
2004	636	2423	777	45	3881	26	32
2005	544	2031	738	41	3354	27	36
2006	581	2055	738	38	3412	28	36
2007	684	2319	800	56	3859	30	35
2008	658	2164	799	33	3654	30	37
2009	529	1876	571	30	3006	28	30
2010	621	1928	555	50	3154	32	29
2011	649	2480	724	42	3895	26	29
2012	595	2146	647	38	3426	28	30
2013	670	2546	826	44	4086	26	32
2014	652	2454	783	41	3930	27	32
2015	798	2744	1074	63	4679	29	39
2016	972	2995	1203	50	5220	32	40

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>MULE DEER</b>								
1	2012	15	79	29	0	123	19	37
1	2013	14	60	22	0	96	23	37
1	2014	17	59	20	0	96	29	34
1	2015	32	132	41	0	205	24	31
1	2016	19	91	41	16	167	21	45
2	2012	10	46	21	0	77	22	46
2	2013	5	24	9	0	38	21	38
2	2014	4	11	3	0	18	36	27
2	2015	9	57	21	0	87	16	37
2	2016	6	19	5	0	30	32	26
3A/3C	2012	22	75	47	0	144	29	63
3A/3C	2013	48	181	98	0	327	27	54
3A/3C	2014	25	121	66	0	212	21	55
3A/3C	2015	44	219	100	1	364	20	46
3A/3C	2016	29	86	48	1	164	34	56
3B	2012	6	24	15	3	48	25	63
3B	2013	6	42	25	0	73	14	60
3B	2014	1	6	3	0	10	17	50
3B	2015	5	13	8	0	26	38	62
3B	2016	1	12	3	0	16	8	25
4	2012	24	44	24	0	92	55	55
4	2013	21	43	25	0	89	49	58
4	2014	8	27	15	0	50	30	56
4	2015	20	36	21	0	77	56	58
4	2016	6	19	9	0	34	32	47
5	2012	28	118	52	0	198	24	44
5	2013	39	112	55	1	207	35	49
5	2014	41	181	116	1	339	23	64
5	2015	40	138	93	0	271	29	67
5	2016	83	311	190	5	589	27	61
6A	2012	18	95	26	4	143	19	27
6A	2013	28	135	49	1	213	21	36
6A	2014	29	113	49	0	191	26	43
6A	2015	37	194	90	0	321	19	46
6A	2016	19	91	53	0	163	21	58
6B	2012	26	119	47	8	200	22	40
6B	2013	20	146	62	0	228	14	42
6B	2014	23	80	33	4	140	29	41
6B	2015	30	102	53	0	185	29	52
6B	2016	45	177	77	5	304	25	44
7	2012	37	193	89	0	319	19	46
7	2013	14	59	29	0	102	24	49
7	2014	32	126	34	0	192	25	27
7	2015	42	139	82	0	263	30	59
7	2016	39	248	103	0	396	16	44
8	2012	50	194	87	0	331	26	45
8	2013	27	144	36	0	207	19	25
8	2014	24	119	45	0	188	20	38
8	2015	38	148	43	0	229	26	29
9	2012	20	141	78	0	239	14	55
9	2013	14	100	45	0	159	14	45
9	2014	6	90	53	6	155	7	59
9	2015	13	80	51	0	144	16	64
9	2016	13	88	44	0	145	15	50
10	2012	24	150	42	0	216	16	28
10	2013	17	77	18	0	112	22	23
10	2014	17	135	39	0	191	13	29
10	2015	15	56	21	0	92	27	38
10	2016	18	52	21	0	91	35	40
12AE	2012	20	99	82	0	201	20	83
12AE	2013	30	81	67	0	178	37	83
12AE	2014	36	98	76	0	210	37	78
12AE	2015	31	105	83	0	219	30	79
12AE	2016	17	32	45	0	94	53	141

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>MULE DEER</b>								
12AW	2012	57	180	198	0	435	32	110
12AW	2013	112	350	356	7	825	32	102
12AW	2014	128	344	283	2	757	37	82
12AW	2015	193	347	276	0	816	56	80
12AW	2016	155	306	266	0	727	51	87
12B	2012	22	71	57	3	153	31	80
12B	2013	31	110	83	10	234	28	75
12B	2014	26	54	94	0	174	48	174
12B	2015	31	72	62	0	165	43	86
12B	2016	90	212	159	0	461	42	75
12BW	2015	31	102	81	14	228	30	79
13A	2012	15	48	50	0	113	31	104
13A	2013	29	77	76	0	182	38	99
13A	2014	49	82	68	0	199	60	83
13A	2015	33	76	70	0	179	43	92
13A	2016	41	35	12	0	88	117	34
13B	2012	41	82	76	0	199	50	93
13B	2013	48	176	104	0	328	27	59
13B	2014	65	154	89	0	308	42	58
13B	2015	66	131	79	0	276	50	60
13B	2016	28	50	25	0	103	56	50
15A	2012	2	9	1	0	12	22	11
15A	2013	7	35	6	0	48	20	17
15A	2014	14	37	7	0	58	38	19
15A	2015	6	32	0	0	38	19	0
15B	2012	4	22	13	2	41	18	59
15B	2013	28	145	39	0	212	19	27
15B	2014	29	97	30	2	158	30	31
15B	2015	39	92	29	0	160	42	32
15B	2016	16	46	2	0	64	35	4
16A	2012	15	33	8	0	56	45	24
16A	2013	7	38	5	0	50	18	13
16A	2014	9	36	8	0	53	25	22
16A	2015	21	48	26	0	95	44	54
16A	2016	16	47	21	0	84	34	45
17A	2012	12	58	8	0	78	21	14
17A	2013	7	27	2	0	36	26	7
17A	2014	9	27	12	0	48	33	44
17A	2015	16	56	14	2	88	29	25
17A	2016	12	33	7	0	52	36	21
17B	2012	36	97	30	0	163	37	31
17B	2013	27	99	37	0	163	27	37
17B	2014	24	95	33	0	152	25	35
17B	2015	47	191	89	0	327	25	47
17B	2016	31	133	44	0	208	23	33
18A	2012	9	76	17	0	102	12	22
18A	2013	11	51	13	0	75	22	25
18A	2014	9	51	18	0	78	18	35
18A	2015	12	25	4	0	41	48	16
18A	2016	10	75	6	0	91	13	8
18B	2012	28	183	41	0	252	15	22
18B	2013	22	132	48	0	202	17	36
18B	2014	7	54	1	0	62	13	2
18B	2015	26	150	36	0	212	17	24
18B	2016	24	121	47	0	192	20	39
19A	2012	14	91	30	0	135	15	33
19A	2013	9	56	11	0	76	16	20
19A	2014	19	71	36	0	126	27	51
19A	2015	15	47	19	0	81	32	40
19A	2016	21	121	35	21	198	17	29
19B	2012	15	51	21	2	89	29	41
19B	2013	17	44	17	0	78	39	39
19B	2014	10	34	12	0	56	29	35
19B	2015	16	29	15	4	64	55	52
19B	2016	14	32	13	1	60	44	41

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>MULE DEER</b>								
20A	2012	9	33	8	0	50	27	24
20A	2013	20	57	20	0	97	35	35
20A	2014	4	19	4	0	27	21	21
20A	2015	34	136	45	0	215	25	33
20A	2016	20	83	30	3	136	24	36
20B	2012	21	87	31	0	139	24	36
20B	2013	23	64	28	0	115	36	44
20B	2014	11	38	26	0	75	29	68
20B	2015	29	66	25	5	125	44	38
20B	2016	43	117	42	0	202	37	36
20C	2012	32	84	53	0	169	38	63
20C	2013	42	106	51	0	199	40	48
20C	2014	55	162	99	0	316	34	61
20C	2015	33	89	37	17	176	37	42
20C	2016	44	203	58	0	305	22	29
21	2012	22	119	35	0	176	18	29
21	2013	37	161	94	6	298	23	58
21	2014	43	178	74	0	295	24	42
21	2015	28	132	64	0	224	21	48
21	2016	36	135	59	0	230	27	44
22	2012	20	104	47	0	171	19	45
22	2013	19	88	47	0	154	22	53
22	2014	37	137	67	0	241	27	49
22	2015	22	112	56	0	190	20	50
22	2016	20	75	29	0	124	27	39
23	2012	22	131	77	1	231	17	59
23	2013	22	156	99	0	277	14	63
23	2014	37	178	86	0	301	21	48
23	2015	28	132	70	0	230	21	53
23	2016	19	104	53	0	176	18	51
24A	2012	27	90	34	1	152	30	38
24A	2013	24	105	41	1	171	23	39
24A	2014	16	86	31	0	133	19	36
24A	2015	12	112	28	0	152	11	25
24A	2016	22	132	37	0	191	17	28
24B	2012	20	134	51	0	205	15	38
24B	2013	15	96	51	0	162	16	53
24B	2014	13	89	58	1	161	15	65
24B	2015	19	96	47	0	162	20	49
24B	2016	21	112	67	0	200	19	60
25M	2012	12	41	17	0	70	29	41
25M	2013	23	62	21	0	106	37	34
25M	2014	34	83	54	0	171	41	65
25M	2015	36	75	27	0	138	48	36
25M	2016	31	90	31	0	152	34	34
27	2012	44	273	103	3	423	16	38
27	2013	59	297	92	0	448	20	31
27	2014	48	283	114	0	445	17	40
27	2015	77	409	159	0	645	19	39
27	2016	101	467	203	0	771	22	43
28	2012	25	141	64	1	231	18	45
28	2013	18	144	62	0	224	13	43
28	2014	23	148	70	0	241	16	47
28	2015	34	146	88	0	268	23	60
28	2016	56	205	82	0	343	27	40
29	2012	15	124	30	0	169	12	24
29	2013	14	78	23	0	115	18	29
29	2014	26	97	34	0	157	27	35
29	2015	24	119	46	0	189	20	39
29	2016	28	104	36	0	168	27	35
30A	2012	38	154	69	0	261	25	45
30A	2013	22	151	73	0	246	15	48
30A	2014	47	180	90	5	322	26	50
30A	2015	39	161	94	0	294	24	58

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>MULE DEER</b>								
30A	2016	65	257	96	0	418	25	37
30B	2012	23	133	65	2	223	17	49
30B	2013	15	79	38	0	132	19	48
30B	2014	2	21	15	0	38	10	71
30B	2015	42	227	92	0	361	19	41
30B	2016	65	257	96	0	418	25	37
31	2012	11	130	46	0	187	8	35
31	2013	25	194	82	0	301	13	42
31	2014	35	173	61	0	269	20	35
31	2015	34	145	46	0	225	23	32
31	2016	29	133	60	0	222	22	45
32	2012	35	292	106	10	443	12	36
32	2013	40	323	149	14	526	12	46
32	2014	36	378	163	0	577	10	43
32	2015	59	422	202	10	693	14	48
32	2016	61	339	151	15	566	18	45
33	2012	16	87	44	12	159	18	51
33	2013	9	110	42	2	163	8	38
33	2014	11	56	20	0	87	20	36
33	2015	18	157	77	1	253	11	49
33	2016	17	98	57	0	172	17	58
34	2012	7	33	4	1	45	21	12
34	2013	10	44	4	0	58	23	9
34	2014	16	38	4	0	58	42	11
34	2015	7	80	47	0	134	9	59
35	2012	4	46	29	0	79	9	63
35	2013	11	62	33	1	107	18	53
35	2014	7	52	23	0	82	13	44
35	2015	5	25	13	0	43	20	52
35A	2012	4	39	24	0	67	10	62
35A	2013	10	55	29	1	95	18	53
35A	2014	7	47	19	0	73	15	40
35A	2015	3	20	10	0	33	15	50
35A	2016	14	57	24	0	95	25	42
35B	2012	0	7	5	0	12	0	71
35B	2013	1	7	4	0	12	14	57
35B	2014	0	5	4	0	9	0	80
35B	2015	2	5	3	0	10	40	60
35B	2016	2	16	10	0	28	13	63
36A	2012	20	187	109	15	331	11	58
36A	2013	21	154	86	3	264	14	56
36A	2014	28	195	64	1	288	14	33
36A	2015	22	121	74	4	221	18	61
36A	2016	14	88	37	0	139	16	42
36B	2012	17	152	57	2	228	11	38
36B	2013	4	71	33	1	109	6	46
36B	2014	8	104	49	0	161	8	47
36B	2015	2	50	19	2	73	4	38
36B	2016	3	45	25	0	73	7	56
36C	2012	8	69	31	0	108	12	45
36C	2013	5	39	16	0	60	13	41
36C	2014	5	38	13	0	56	13	34
36C	2015	3	37	24	0	64	8	65
37	2012	79	149	85	0	313	53	57
37	2013	34	196	76	0	306	17	39
37	2014	16	91	51	0	158	18	56
37	2015	25	87	50	0	162	29	57
37A	2012	9	30	9	0	48	30	30
37A	2013	8	29	7	0	44	28	24
37A	2014	5	14	7	0	26	36	50
37A	2015	12	34	17	0	63	35	50
37A	2016	19	52	34	0	105	37	65
37B	2012	20	82	51	0	153	24	62
37B	2013	26	167	69	0	262	16	41

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>MULE DEER</b>								
37B	2014	11	77	44	0	132	14	57
37B	2015	22	81	48	0	151	27	59
37B	2016	37	115	43	0	195	32	37
39	2011	2	18	0	0	20	11	0
39	2012	5	22	9	0	36	23	41
39	2013	6	36	24	7	73	17	67
39	2014	20	73	48	0	141	27	66
39	2015	21	57	20	0	98	37	35
39	2016	20	49	26	0	95	41	53
40A	2012	2	3	1	0	6	67	33
40A	2013	8	6	2	0	16	133	33
40A	2014	7	23	9	0	39	30	39
40A	2015	9	3	0	0	12	300	0
40A	2016	23	39	12	0	74	59	31
41	2012	16	103	50	1	170	16	49
41	2013	29	82	57	4	172	35	70
41	2014	22	118	41	0	181	19	35
41	2015	28	76	26	1	131	37	34
41	2016	12	58	12	2	84	21	21
42	2012	19	92	39	0	150	21	42
42	2013	13	44	31	1	89	30	70
42	2014	39	76	47	0	162	51	62
42	2015	13	42	15	4	74	31	36
42	2016	19	57	33	5	114	33	58
43A	2012	0	1	2	0	3	0	200
43A	2013	2	16	6	0	24	13	38
43A	2014	2	16	6	2	26	13	38
43A	2015	1	5	1	0	7	20	20
43A	2016	0	6	3	0	9	0	50
43B	2012	1	6	2	0	9	17	33
43B	2013	2	23	10	0	35	9	43
43B	2014	1	3	2	0	6	33	67
43B	2015	4	29	7	0	40	14	24
43B	2016	3	8	5	0	16	38	63
44A	2012	19	76	27	0	122	25	36
44A	2013	14	27	13	0	54	52	48
44A	2014	27	35	14	0	76	77	40
44A	2015	10	21	9	1	41	48	43
44A	2016	10	30	12	0	52	33	40
45	2012	31	108	33	3	175	29	31
45	2013	27	68	36	5	136	40	53
45	2014	23	84	36	6	149	27	43
45	2015	19	43	19	8	89	44	44
45	2016	38	122	39	12	211	31	32

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>WHITE TAILED-DEER</b>								
1	2014	0	3	2	0	5	0	67
1	2015	0	8	8	0	16	0	100
1	2016	0	1	2	0	3	0	200
4	2015	0	1	0	0	1	0	0
4	2016	1	0	0	0	1	-	-
5	2013	3	5	3	0	11	60	60
5	2014	0	9	8	0	17	0	89
5	2015	0	8	1	0	9	0	13
5	2016	1	29	13	0	43	3	45
6A	2012	13	55	14	0	82	24	25
6A	2013	20	75	26	2	123	27	35
6A	2014	25	75	14	3	117	33	19
6A	2015	40	94	31	0	165	43	33
6A	2016	22	84	16	3	125	26	19
6B	2012	14	26	8	2	50	54	31
6B	2013	4	8	2	0	14	50	25
6B	2014	3	16	6	0	25	19	38
6B	2015	8	12	5	0	25	67	42
6B	2016	9	28	8	0	45	32	29
8	2012	6	11	1	1	19	55	9
8	2013	7	15	4	1	27	47	27
8	2014	8	28	6	1	43	29	21
8	2015	3	8	2	0	13	38	25
19A	2014	1	5	2	0	8	20	40
21	2012	26	73	16	0	115	36	22
21	2013	31	101	37	0	169	31	37
21	2014	35	112	30	0	177	31	27
21	2015	38	111	51	0	200	34	46
21	2016	41	155	56	0	252	26	36
22	2012	38	105	25	0	168	36	24
22	2013	40	99	35	0	174	40	35
22	2014	44	113	28	0	185	39	25
22	2015	24	85	35	0	144	28	41
22	2016	58	136	38	0	232	43	28
23	2012	22	61	21	3	107	36	34
23	2013	22	59	26	0	107	37	44
23	2014	22	82	36	0	140	27	44
23	2015	20	51	22	0	93	39	43
23	2016	18	56	14	4	92	32	25
24A	2012	26	63	11	0	100	41	17
24A	2013	21	61	15	1	98	34	25
24A	2014	17	67	26	3	113	25	39
24A	2015	12	67	12	0	91	18	18
24A	2016	20	93	27	2	142	22	29
24B	2012	47	70	17	1	135	67	24
24B	2013	38	134	52	1	225	28	39
24B	2014	27	85	29	0	141	32	34
24B	2015	23	91	34	0	148	25	37
24B	2016	30	121	62	0	213	25	51
25M	2014	0	1	0	0	1	0	0
25M	2016	0	1	0	0	1	0	0
27	2012	25	69	20	0	114	36	29
27	2013	42	136	52	6	236	31	38
27	2014	33	109	39	0	181	30	36
27	2015	76	195	56	0	327	39	29
27	2016	51	115	36	0	202	44	31
28	2012	1	4	1	0	6	25	25
28	2013	1	5	1	0	7	20	20
28	2014	5	12	6	0	23	42	50
28	2015	0	15	8	0	23	0	53
28	2016	3	16	5	0	24	19	31
29	2012	21	105	22	0	148	20	21
29	2013	33	147	33	0	213	22	22
29	2014	40	165	40	0	245	24	24
29	2015	55	200	60	0	315	28	30
29	2016	61	203	55	0	319	30	27
30A	2012	24	80	21	0	125	30	26
30A	2013	31	120	31	0	182	26	26
30A	2014	23	87	26	0	136	26	30

## Deer Survey Data

### 5-Year: 2012-2016 Deer Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
<b>WHITE TAILED-DEER (continued)</b>								
30A	2015	31	90	45	0	166	34	50
30A	2016	41	135	39	1	216	30	29
30B	2012	26	91	8	3	128	29	9
30B	2013	30	83	25	1	139	36	30
30B	2014	35	129	63	1	228	27	49
30B	2015	35	115	44	0	194	30	38
30B	2016	38	108	52	1	199	35	48
31	2012	14	84	17	0	115	17	20
31	2013	20	100	34	0	154	20	34
31	2014	18	81	21	0	120	22	26
31	2015	28	101	32	0	161	28	32
31	2016	31	101	27	0	159	31	27
32	2012	29	101	31	2	163	29	31
32	2013	28	114	34	2	178	25	30
32	2014	35	133	31	8	207	26	23
32	2015	38	135	45	9	227	28	33
32	2016	47	149	43	4	243	32	29
33	2012	77	294	116	1	488	26	39
33	2013	37	240	98	0	375	15	41
33	2014	55	240	92	3	390	23	38
33	2015	66	256	141	0	463	26	55
33	2016	63	282	189	4	538	22	67
34A	2012	27	168	51	1	247	16	30
34A	2013	51	222	56	5	334	23	25
34A	2014	36	146	36	4	222	25	25
34A	2015	53	165	77	4	299	32	47
34A	2016	55	174	103	0	332	32	59
34B	2012	16	77	21	2	116	21	27
34B	2013	27	93	14	2	136	29	15
34B	2014	23	81	20	1	125	28	25
34B	2015	34	92	40	1	167	37	43
34B	2016	30	55	24	5	114	55	44
35A	2012	34	102	22	6	164	33	22
35A	2013	37	81	30	0	148	46	37
35A	2014	18	85	28	2	133	21	33
35A	2015	36	95	23	2	156	38	24
35A	2016	48	117	51	10	226	41	44
35B	2012	35	174	71	1	281	20	41
35B	2013	36	149	51	2	238	24	34
35B	2014	44	193	65	2	304	23	34
35B	2015	37	190	81	5	313	19	43
35B	2016	60	152	65	0	277	39	43
36A	2012	28	126	55	6	215	22	44
36A	2013	36	146	65	17	264	25	45
36A	2014	29	163	60	5	257	18	37
36A	2015	19	130	35	4	188	15	27
36A	2016	56	164	58	3	281	34	35
36B	2012	20	125	43	3	191	16	34
36B	2013	34	192	56	2	284	18	29
36B	2014	33	142	47	5	227	23	33
36B	2015	47	217	93	3	360	22	43
36B	2016	44	135	65	2	246	33	48
36C	2012	20	76	34	6	136	26	45
36C	2013	36	156	43	2	237	23	28
36C	2014	50	156	42	1	249	32	27
36C	2015	23	74	30	0	127	31	41
36C	2016	28	100	34	0	162	28	34
37A	2012	1	0	0	0	1	-	-
37A	2014	1	2	0	1	4	50	0
37A	2015	0	2	1	0	3	0	50
37A	2016	4	6	1	1	12	67	17
37B	2012	5	6	1	0	12	83	17
37B	2013	5	5	3	0	13	100	60
37B	2015	1	1	0	0	2	100	0
37B	2016	2	1	0	0	3	200	0
40A	2016	2	9	4	0	15	22	44
FTHU	2015	51	135	62	35	283	38	46

# Deer Hunt Data

## *Historic Summary of General Deer Hunts<sup>1</sup>*

Year <sup>2</sup>	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Deer Harvest				Total	Percent Success
					Mule Deer		Whitetail			
					Bucks	Antlerless	Bucks	Antlerless		
1946	–	–	–	–	4733	–	991	–	5724	–
1947	–	–	–	–	6420	–	1152	–	7572	–
1948	–	–	–	–	7358	–	1347	–	8705	–
1949	–	–	–	–	7465	386	1203	–	9054	–
1950	–	–	–	–	9009	798	1175	–	10982	–
1951	–	–	–	–	9618	658	1234	–	11510	–
1952	–	–	–	–	10575	2707	1490	–	14772	–
1953	–	–	–	–	12590	3948	1791	–	18329	–
1954	–	–	–	–	11662	6425	1500	–	19587	–
1955	–	–	53791	–	15220	5483	1489	300	22492	42
1956	–	–	64123	–	16175	8943	2066	357	27541	43
1957	–	–	56499	–	15307	4859	1808	593	22567	40
1958	–	–	76358	259876	17994	9840	3394	1702	32930	43
1959	–	–	78102	290686	16329	7769	3105	1687	28890	37
1960	–	–	87986	318806	19291	8380	3871	1111	32653	37
1961	–	–	91120	350200	22459	8307	3891	843	35500	39
1962	–	–	93337	373035	16658	7579	3211	983	28431	31
1963	–	–	92594	371619	14082	6262	2859	1463	24666	27
1964	–	–	86867	335508	12613	2362	3207	1116	19298	22
1965	–	–	87548	316911	11357	2002	2871	741	16971	19
1966	–	–	88230	354586	12158	2040	2390	597	17185	20
1967	–	–	90361	365358	12350	1388	2404	258	16400	18
1968	–	–	88253	359684	12298	741	2722	205	15966	18
1969	–	–	91575	358833	12203	567	2124	78	14972	16
1970	–	–	97113	395038	13167	420	2197	35	15819	16
1971	–	77437	67263	256100	9129	334	1517	18	10998	16
1972	66905	74096	63269	241882	9137	338	1653	17	11145	18
1973	83334	75200	64120	243322	11114	402	2080	22	13618	21
1974	79664	82650	72352	255592	11715	533	3221	0	15469	21
1975	80929	79750	69262	253721	12576	408	2870	0	15854	23
1976	86829	83125	72049	228763	10578	261	2656	0	13495	19
1977	83593	84265	72472	255850	9871	6	2295	24	12196	17
1978	84017	81675	69709	264624	9075	38	2247	40	11400	16
1979	85072	78215	66451	270068	10347	0	3207	54	13608	21
1980	94285	79409	66909	278520	11111	0	3480	46	14637	22
1981	92679	77755	66308	274028	10825	0	3466	38	14329	22
1982	91673	83045	71123	296368	12187	0	3965	34	16186	23
1983	71826	94285	77106	309699	12767	0	4173	51	16991	22
1984	72989	92545	82618	328231	17102	0	7030	75	24207	29
1985	80014	92345	84079	333156	16292	273	6782	110	23457	28
1986	82982	94871	84687	331015	16493	2961	5829	86	25369	30
1987	84145	87340	79557	304440	15081	2191	4777	92	22141	28
1988	85084	79135	72796	290084	13744	1781	4505	75	20105	28
1989	84485	75925	69974	277264	13516	694	4293	84	18587	27
1990	82911	76620	70901	284643	11278	2809	4368	62	18517	26
1991	79466	68304	63109	256780	12101	0	5268	76	17445	28
1992	85343	68910	64143	256592	11997	0	5639	75	17711	28
1993	87558	70348	65151	260399	11879	0	5489	58	17426	27
1994	92904	68849	63330	256856	10867	0	5336	0	16203	26
1995	92139	63708	58649	242281	8824	0	4876	0	13700	23
1996	88529	57570	52679	212116	7229	0	4091	0	11320	22
1997	89627	51222	47210	195719	6065	0	4154	33	10252	22
1998	88329	46694	42753	173577	5877	0	4095	7	9979	24

<sup>1</sup> Muzzleloader hunt data included up until 1984. Youth-Only hunt data not included in this table.

<sup>2</sup> 1994 and 1995 data does not include results of hunts at Ft. Huachuca. Beginning with 1996, Ft. Huachuca data is based on questionnaire returns, not data gathered by the Fort.

# Deer Hunt Data

## *Historic Summary of General Deer Hunts<sup>1</sup>*

Year <sup>2</sup>	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Deer Harvest					Percent Success
					Mule Deer		Whitetail		Total	
					Bucks	Antlerless	Bucks	Antlerless		
1999	92104	47065	42970	175908	5924	310	3264	8	9506	22
2000	85091	46072	41677	166780	5025	188	4121	0	9334	22
2001	83808	44978	41110	170820	5226	623	3369	0	9218	22
2002	84384	42020	38368	163098	4540	0	3595	0	8135	21
2003	86546	37260	33905	144027	3753	0	3937	0	7690	23
2004	90057	36665	33395	136377	4037	0	4515	0	8552	26
2005	83264	37918	34883	144949	4357	0	4214	0	8571	25
2006	85534	38138	35016	147433	4811	0	4158	0	8969	26
2007	68625	39834	37002	158215	5388	0	4362	0	9750	26
2008	62236	41958	38770	157646	5215	0	5094	0	10309	27
2009	64469	43783	40468	164403	6323	0	5205	0	11528	28
2010	61818	43993	40584	167638	4818	0	5122	0	9940	24
2011	62982	43716	40142	165695	5198	0	4686	0	9884	25
2012	65476	42872	39435	165643	5246	0	5019	0	10265	26
2013	65475	42468	38928	167362	5253	0	4960	0	10213	26
2014	71324	42175	38486	165784	5165	0	4761	0	9926	26
2015	74094	41817	38320	158747	6433	0	6448	0	12881	34
2016	77834	42034	38373	164350	7002	4	6638	0	13644	36

<sup>1</sup> Muzzleloader hunt data included up until 1984. Youth-Only hunt data not included in this table.

<sup>2</sup> 1994 and 1995 data does not include results of hunts at Ft. Huachuca. Beginning with 1996, Ft. Huachuca data is based on questionnaire returns, not data gathered by the Fort.

## *Historic Summary of Youth-Only Deer Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Deer Harvest					Percent Success
					Mule Deer		Whitetail		Total	
					Bucks	Antlerless	Bucks	Antlerless		
1992	299	350	336	1386	147	0	2	0	149	44
1993	403	150	148	569	88	0	7	0	95	64
1994	608	275	264	1073	158	0	14	0	172	65
1995	837	339	331	1450	177	0	18	0	195	59
1996	1076	706	649	2262	178	0	21	0	199	31
1997	1155	603	543	2083	159	0	35	0	194	36
1998	1497	808	763	2502	263	0	42	0	305	40
1999	1897	1224	1100	2719	280	360	41	0	681	61
2000	2427	1250	1134	2959	167	395	57	0	619	55
2001	2571	1625	1449	3858	166	591	47	0	804	55
2002	2863	1510	1394	4117	141	462	37	0	640	46
2003	2855	980	904	2704	114	301	44	0	459	51
2004	2815	1030	923	2711	149	225	54	0	428	46
2005	2634	1280	1143	3258	140	269	34	0	443	39
2006	2581	1332	1219	4469	291	64	148	0	503	41
2007	2520	1769	1633	5601	342	269	223	0	834	51
2008	2668	2109	1941	6032	367	364	195	0	926	48
2009	3364	2049	1898	5980	616	137	288	0	981	52
2010	3645	2186	2034	6723	488	194	288	0	970	48
2011	3936	2184	2055	6891	676	60	249	0	985	48
2012	3772	2139	2022	6361	782	79	49	0	910	45
2013	3933	2231	2117	6609	706	193	219	0	1118	53
2014	4688	2290	2181	6707	681	292	292	0	1265	58
2015	4972	2343	2159	6703	973	315	0	0	1252	58
2016	5143	2771	2494	7746	803	484	363	0	1650	66

## Deer Hunt Data

### *Historic Summary of Muzzleloader Deer Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Deer Harvest				Total	Percent Success
					Mule Deer		Whitetail			
					Bucks	Antlerless	Bucks	Antlerless		
1984	424	950	664	3035	200	0	11	0	211	32
1985	263	950	739	3154	201	0	10	0	211	29
1986	337	950	840	3947	178	0	19	0	197	23
1987	402	750	664	2651	134	0	26	0	160	24
1988	556	1000	821	3545	171	0	20	0	191	23
1989	877	1250	1110	5660	259	0	10	0	269	24
1990	713	1139	996	4822	130	0	19	0	149	15
1991	772	1181	1074	5424	205	0	31	0	236	22
1992	964	1300	1189	5808	216	0	21	0	237	20
1993	970	1625	1437	6950	285	0	2	0	287	20
1994	1070	1821	1667	7875	303	0	13	0	316	19
1995	1213	1626	1456	7135	278	0	5	0	283	19
1996	1267	1479	1309	6323	189	0	14	0	203	16
1997	1540	1335	1179	5605	184	0	7	0	191	16
1998	1621	1120	1008	4372	164	0	16	0	180	18
1999	1541	1055	949	4063	157	0	26	0	183	19
2000	1489	915	822	3812	111	0	26	0	137	17
2001	1456	869	782	3775	170	0	24	0	194	25
2002	1775	995	874	4020	143	0	18	0	161	18
2003	1585	745	675	3189	150	0	32	0	182	27
2004	1896	783	679	2988	119	0	33	0	152	22
2005	1498	859	768	3189	193	0	23	0	216	28
2006	1724	924	807	3726	190	0	29	0	219	27
2007	1506	940	873	4350	233	0	13	0	246	28
2008	1756	1015	940	4456	217	0	40	0	257	27
2009	1532	1023	952	4439	253	0	29	0	282	30
2010	1480	1049	952	4688	176	0	25	0	201	21
2011	1427	1023	938	4355	188	0	33	0	221	24
2012	1494	1220	1121	5151	242	0	16	0	258	23
2013	1428	1147	1029	4735	243	0	24	0	267	26
2014	1641	1150	1032	4830	218	0	23	0	241	23
2015	1839	1143	1045	4801	247	0	44	0	291	28
2016	1558	1245	1075	5101	260	0	39	0	299	28

### *Summary Of Archery Deer Hunts (Draw Hunts)*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Deer Harvest				Total	Percent Success
					Mule Deer		Whitetail			
					Bucks	Antlerless	Bucks	Antlerless		
2008	1167	1912	1607	10373	225	0	0	0	225	14
2009	1512	1900	1719	11418	296	0	0	0	296	17
2010	1258	920	862	6123	122	0	0	0	122	14
2011	1312	755	681	4854	114	0	0	0	114	17
2012	1559	959	860	6312	153	0	0	0	153	18
2013	1532	955	878	6349	206	0	0	0	206	23
2014	1756	1006	916	6035	276	0	2	0	278	30
2015	2189	705	680	5011	246	0	0	0	246	36
2016	2388	675	583	4275	209	0	0	0	209	36

# Deer Hunt Data

## *Summary of Archery Deer Hunts (Over-the-Counter Hunts)*

Year	Tags Sold	Hunters	Hunter Days	DEER HARVEST				Total	Percent Success
				Mule Deer		Whitetail			
				Buck	Antlerless	Buck	Antlerless		
1952	–	104	–	21	0	0	0	21	20
1954	–	156	–	5	0	0	0	5	3
1955	–	98	–	12	0	0	0	12	12
1956	–	670	–	49	0	0	0	49	7
1957	–	–	–	33	0	0	0	33	–
1958	2736	2181	11736	175	226	1	1	403	19
1959	3451	3165	16292	143	224	0	8	375	12
1960	2349	2245	9517	82	93	2	6	183	8
1961	1695	1384	5518	15	20	5	2	42	3
1962	4625	4319	19768	141	172	47	44	404	9
1963	4567	4225	16922	88	91	18	17	214	5
1964	3596	3246	12809	50	63	13	15	141	4
1965	3835	3798	–	–	–	–	–	122	3
1966	3596	3387	–	–	–	–	–	150	4
1967	4679	4390	–	–	–	–	–	206	5
1968	4510	4216	–	–	–	–	–	176	4
1969	5107	4664	–	–	–	–	–	208	5
1970	5855	5275	–	–	–	–	–	228	4
1971	7261	6412	–	–	–	–	–	285	4
1972	–	6832	–	–	–	–	–	315	5
1973	–	7000	–	–	–	–	–	310	4
1974	–	7420	–	–	–	–	–	419	6
1975	–	7163	–	–	–	–	–	346	4
1976	–	7517	–	–	–	–	–	373	5
1977	–	9038	–	–	–	–	–	416	5
1978	–	7313	–	–	–	–	–	381	5
1979	–	8425	–	–	–	–	–	620	7
1980	–	7157	–	–	–	–	–	237	3
1981	19814	12862	77011	327	40	88	16	471	4
1982	15109	10212	63099	287	51	60	0	398	4
1983	11934	9689	63071	248	61	71	0	380	4
1984	12628	10619	70553	417	35	65	0	517	5
1985	14249	12302	85328	534	71	138	0	743	6
1986	16554	14397	104288	742	130	94	0	966	7
1987	18666	16163	111826	748	58	115	0	921	6
1988	20883	17909	119793	704	223	108	0	1035	6
1989	22399	19423	125848	598	201	189	0	988	5
1990	22398	19325	125940	674	35	100	0	809	4
1991	20324	18051	126545	773	0	129	0	902	5
1992	18883	17505	120123	691	0	100	0	791	5
1993	21580	19559	133174	1084	63	136	27	1310	7
1994	23445	20646	144881	942	105	212	39	1298	6
1995	23329	20383	149129	916	97	166	64	1243	6
1996	23568	20698	143789	996	83	145	36	1260	6
1997	23166	19939	148077	691	30	138	18	877	4
1998	23022	19375	146101	1050	63	166	38	1317	7
1999	24293	20738	158187	1032	27	227	28	1314	6
2000	25338	21148	155575	1209	55	177	37	1478	7
2001	23783	20408	148346	827	12	194	25	1058	5
2002	23082	19595	151816	929	7	247	37	1220	6
2003	22447	18512	139107	621	5	291	20	937	5
2004	22675	18305	138856	779	0	262	0	1041	6
2005	22949	18824	14847	803	0	377	0	1180	6
2006	24538	20352	153887	939	0	410	0	1349	7
2007	23907	19265	157895	870	0	393	0	1263	7
2008	19837	15070	117624	536	0	418	0	954	5
2009	20236	16131	127080	713	0	571	0	1284	6
2010	20850	16791	137355	649	0	475	0	1124	7
2011	20825	17635	134309	797	0	479	0	1276	7
2012	21392	17393	122787	615	0	355	0	970	6
2013	22930	19159	162409	1128	0	513	0	1641	9
2014	23755	19065	158427	1227	0	592	0	1819	10
2015 <sup>3</sup>									
2016 <sup>4</sup>	17353	14346	116434	1189	0	576	0	1765	12

<sup>3</sup> 2015 Data not available.

<sup>4</sup> 2016 Data are preliminary.

# Deer Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT- Buck	WT-Aless	Total	
<b>GENERAL</b>															
1	2012	AA	10/26 - 11/04	275	691	275	24.3	239	1012	62	0	0	0	62	26
1	2013	AA	10/25 - 11/03	225	821	225	19.1	201	883	66	0	0	0	66	33
1	2014	AA	10/24 - 11/02	225	860	225	18	211	1018	63	0	0	0	63	30
1	2015	AA	10/23 - 11/01	225	1111	225	14	216	904	86	0	0	0	86	40
1	2016	AA	10/21 - 10/30	225	1173	225	13.1	201	896	121	0	0	0	121	60
2	2012	AA	11/02 - 11/08	100	235	100	26	93	440	37	0	0	0	37	40
2	2013	AA	11/01 - 11/10	100	224	100	22.8	83	395	19	0	0	0	19	23
2	2014	AA	10/31 - 11/09	100	206	100	29.6	86	634	21	0	0	0	21	24
2	2015	AA	10/30 - 11/08	100	207	100	25.6	83	363	27	0	0	0	27	33
2	2016	AA	10/28 - 11/06	80	222	80	26.1	76	353	22	0	0	0	22	29
3A/3C	2012	AA	10/26 - 11/04	200	1973	200	7.5	196	802	129	0	0	0	129	66
3A/3C	2013	AA	10/25 - 11/03	225	2442	225	7.9	215	871	121	0	0	0	121	56
3A/3C	2014	AA	10/24 - 11/02	125	2522	126	4.4	124	464	91	0	0	0	91	73
3A/3C	2015	AA	10/23 - 11/01	125	2743	125	4.1	125	487	91	0	0	0	91	73
3A/3C	2016	AA	10/21 - 10/30	100	2755	100	3.2	96	400	80	0	0	0	80	83
4	2012	AA	10/26 - 11/04	217	557	217	21.5	197	935	54	0	0	0	54	27
4 (Hopi)	2012	AA	10/26 - 11/04	8	1	8	100	5	13	5	0	0	0	5	100
4	2013	AA	10/25 - 11/03	241	670	241	19.6	225	1330	44	0	0	0	44	20
4 (Hopi)	2013	AA	10/25 - 11/03	9	4	9	100	9	18	9	0	0	0	9	100
4	2014	AA	10/24 - 11/02	241	623	241	20.5	221	1022	30	0	0	0	30	14
4 (Hopi)	2014	AA	10/24 - 11/02	9	8	9	100	7	25	0	0	0	0	0	0
4	2015	AA	10/23 - 11/01	241	625	241	20.3	218	1153	57	0	0	0	57	26
4 (Hopi)	2015	AA	10/23 - 11/01	9	6	9	83-3	0	0	0	0	0	0	0	-
4	2016	AA	10/21 - 10/30	241	652	241	19.3	212	1053	75	0	0	0	75	35
4 (Hopi)	2016	AA	10/21 - 10/30	9	4	9	100	9	50	5	0	0	0	5	56
5	2012	AA	11/02 - 11/08	376	1405	376	23.6	363	1707	88	0	0	0	88	24
5 (Hopi)	2012	AA	11/02 - 11/08	24	18	24	100	20	68	0	0	0	0	0	0
5	2013	AA	11/01 - 11/10	424	1599	424	21	392	1952	118	0	0	0	118	30
5 (Hopi)	2013	AA	11/01 - 11/10	26	19	26	94.7	26	96	10	0	0	0	10	38
5	2014	AA	10/31 - 11/09	424	1845	424	19.2	400	1985	104	0	0	0	104	26
5 (Hopi)	2014	AA	10/31 - 11/09	26	13	26	100	20	86	4	0	0	0	4	20
5	2015	AA	10/30 - 11/08	282	1660	282	14.9	258	1290	75	0	0	0	75	29
5 (Hopi)	2015	AA	10/30 - 11/08	18	21	18	71.4	18	102	8	0	0	0	8	44
5	2016	AA	10/21 - 10/30	471	1883	471	21.2	451	2209	169	0	0	0	169	37
5 (Hopi)	2016	AA	10/21 - 10/30	29	35	29	80	29	121	10	0	0	0	10	34
6A	2012	MD	11/02 - 11/08	475	1734	475	23.2	450	1831	107	0	0	0	107	24
6A	2013	MD	11/01 - 11/07	425	1828	425	19.2	405	1574	130	0	0	0	130	32
6A	2013	MD	12/13 - 12/31	10	548	11	1.8	11	59	11	0	0	0	11	100
6A	2014	MD	10/31 - 11/06	475	2044	475	19.5	431	1720	96	0	0	0	96	22
6A E	2015	MD	10/30 - 11/05	475	2161	475	18.4	438	1709	100	0	0	0	100	23
6A E	2016	MD	10/28 - 11/03	475	2083	475	19.4	434	1819	128	0	0	0	128	29
6A E	2012	WT	10/26 - 11/01	150	123	150	58.5	138	520	0	0	32	0	32	23
6A E	2013	WT	10/25 - 10/31	150	206	150	44.2	143	554	0	0	39	0	39	27
6A E	2014	WT	10/24 - 10/30	150	192	150	48.4	133	546	0	0	15	0	15	11
6A E	2015	WT	10/23 - 10/29	150	226	150	36.3	135	520	0	0	39	0	39	29
6A E	2016	WT	10/21 - 10/27	150	174	150	49.4	132	631	0	0	34	0	34	26
6A M	2012	WT	11/09 - 11/15	175	85	175	63.5	168	681	0	0	44	0	44	26
6A M	2013	WT	11/08 - 11/14	125	107	125	52.3	115	495	0	0	18	0	18	16
6A M	2014	WT	11/07 - 11/13	125	115	125	47.8	120	548	0	0	52	0	52	43
6A M	2015	WT	10/30 - 11/05	125	107	125	47.7	113	443	0	0	25	0	25	22
6A M	2016	WT	11/04 - 11/10	125	118	125	55.1	120	572	0	0	42	0	42	35
6A L	2012	WT	12/14 - 12/31	75	546	75	9.7	71	532	0	0	33	0	33	46
6A L	2013	WT	12/13 - 12/31	75	378	75	10.3	69	412	0	0	42	0	42	61
6A L	2014	WT	12/12 - 12/31	50	550	50	7.5	44	328	0	0	17	0	17	39
6A L	2015	WT	12/11 - 12/31	50	496	50	7.9	46	256	0	0	25	0	25	54
6A L	2016	WT	12/09 - 12/31	50	507	50	7.1	50	232	0	0	30	0	30	60
6B	2012	MD	11/09 - 11/15	275	296	275	50	258	1057	36	0	0	0	36	14
6B	2013	MD	11/08 - 11/14	275	300	275	49.7	259	1088	55	0	0	0	55	21
6B	2014	MD	11/07 - 11/13	275	355	275	44.2	253	1055	41	0	0	0	41	16
6B	2015	MD	11/06 - 11/12	275	410	275	39	255	990	71	0	0	0	71	28
6B	2016	MD	11/04 - 11/10	200	374	200	32.4	165	725	42	0	0	0	42	25
6B E	2012	WT	11/02 - 11/08	55	34	55	91.2	46	174	0	0	10	0	10	22
6B E	2013	WT	11/01 - 11/07	55	32	55	68.8	50	193	0	0	8	0	8	16
6B E	2014	WT	10/31 - 11/06	55	37	55	94.6	47	184	0	0	6	0	6	13
6B E	2015	WT	10/30 - 11/05	55	37	55	78.4	44	121	0	0	9	0	9	20
6B E	2016	WT	10/28 - 11/03	55	18	55	83.3	48	191	0	0	7	0	7	15
6B/8 L	2012	WT	12/14 - 12/31	25	98	25	16.3	22	111	0	0	8	0	8	36
6B/8 L	2013	WT	12/13 - 12/31	25	137	25	13.1	19	106	0	0	14	0	14	74

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

# Deer Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT- Buck	WT-Aless	Total	
<b>GENERAL</b>															
6B/8 L	2014	WT	12/12 - 12/31	25	154	25	10.4	20	209	0	0	7	0	7	35
6B/8 L	2015	WT	12/11 - 12/31	25	133	25	15	25	153	0	0	14	0	14	56
6B/8 L	2016	WT	12/09 - 12/31	25	139	25	9.4	23	183	0	0	13	0	13	57
7	2015	AA	10/30 - 11/08	1025	1944	1025	38.3	949	4896	174	0	0	0	174	18
7	2016	AA	10/28 - 11/06	1025	1778	1025	39.6	963	4297	306	0	0	0	306	32
7C	2016	AA	10/21 - 10/27	10	22	10	18.2	7	26	6	0	0	0	6	86
7 E	2012	AA	11/02 - 11/08	875	1191	875	48.6	823	3839	192	0	0	0	192	23
7 E	2013	AA	11/01 - 11/10	875	1668	875	38.4	785	3787	154	0	0	0	154	20
7 E	2014	AA	10/31 - 11/09	875	1669	875	39	802	4164	165	0	0	0	165	21
7 L	2012	AA	12/14 - 12/31	10	394	10	2.3	9	67	7	0	0	0	7	78
8	2012	MD	11/02 - 11/08	650	1487	650	36.4	596	2466	199	0	0	0	199	33
8	2013	MD	11/01 - 11/07	650	1675	650	31.2	617	2584	177	0	0	0	177	29
8	2014	MD	10/31 - 11/06	625	1791	625	29.8	588	2451	154	0	0	0	154	26
8 E	2015	MD	10/30 - 11/05	525	1824	525	23.7	483	2137	157	0	0	0	157	33
8 E	2016	MD	10/28 - 11/03	550	1769	550	25	516	2335	154	0	0	0	154	30
8 E	2012	WT	10/26 - 11/01	75	36	75	80.6	63	263	0	0	13	0	13	21
8 E	2013	WT	10/25 - 11/03	75	74	75	60.8	70	296	0	0	18	0	18	26
8 E	2014	WT	10/24 - 11/02	75	72	75	48.6	65	341	0	0	12	0	12	18
8 E	2015	WT	10/23 - 11/01	75	70	75	60	62	282	0	0	13	0	13	21
8 E	2016	WT	10/21 - 10/30	75	58	75	67.2	68	316	0	0	7	0	7	10
9	2015	AA	10/30 - 11/05	425	733	425	39.8	384	1666	92	0	0	0	92	24
09 E	2012	AA	11/02 - 11/11	400	701	400	41.5	360	1734	94	0	0	0	94	26
09 E	2013	AA	11/01 - 11/10	425	608	425	46.5	403	1983	159	0	0	0	159	39
09 E	2014	AA	10/31 - 11/06	400	741	400	37	377	1649	88	0	0	0	88	23
09 E	2016	AA	10/28 - 11/03	425	567	425	46.7	379	1766	100	0	0	0	100	26
09 L	2016	AA	12/09 - 12/31	15	678	15	1.8	13	69	8	0	0	0	8	62
10	2012	AA	10/26 - 11/04	550	779	550	47.2	511	2642	129	0	0	0	129	25
10	2013	AA	10/25 - 11/03	500	795	500	41	454	2386	85	0	0	0	85	19
10	2014	AA	10/24 - 11/02	400	713	400	40.1	376	1917	86	0	0	0	86	23
10	2016	AA	10/21 - 10/30	350	727	350	36.2	325	1664	95	0	0	0	95	29
10 E	2015	AA	10/30 - 11/01	350	794	350	32.2	323	1643	58	0	0	0	58	18
12AE E	2012	AA	10/26 - 11/04	175	766	175	15.4	162	867	83	0	0	0	83	51
12AE E	2013	AA	10/25 - 11/03	125	705	125	15.5	120	548	75	0	0	0	75	63
12AE E	2014	AA	10/24 - 11/02	95	693	95	9.2	92	413	58	0	0	0	58	63
12AE E	2015	AA	10/23 - 11/01	95	545	95	11.2	89	342	71	0	0	0	71	80
12AE E	2016	AA	10/21 - 10/30	95	819	95	9.3	89	414	61	0	0	0	61	69
12AE L	2012	AA	11/23 - 12/02	30	854	30	2.9	30	185	23	0	0	0	23	77
12AE L	2013	AA	11/22 - 12/01	30	901	30	3.1	30	235	14	0	0	0	14	47
12AE L	2014	AA	11/21 - 11/30	30	736	30	3.4	30	138	18	0	0	0	18	60
12AE L	2015	AA	11/20 - 11/29	30	639	30	3.1	30	178	22	0	0	0	22	73
12AE L	2016	AA	11/18 - 11/27	30	707	30	3.8	24	110	20	0	0	0	20	83
12AW C	2012	AA	9/14 - 9/20	10	59	10	16.9	9	34	9	0	0	0	9	100
12AW C	2013	AA	9/13 - 9/19	10	66	10	13.6	10	39	6	0	0	0	6	60
12AW C	2014	AA	9/12 - 9/18	10	69	10	14.5	10	43	6	0	0	0	6	60
12AW C	2015	AA	9/11 - 9/17	10	97	10	10.3	10	45	5	0	0	0	5	50
12AW C	2016	AA	9/09 - 9/15	10	80	10	12.5	10	30	8	0	0	0	8	80
12AW E	2012	AA	10/26 - 11/04	500	3076	500	12.2	481	2278	281	0	0	0	281	58
12AW E	2013	AA	10/25 - 11/03	500	3289	500	11.1	470	2402	273	0	0	0	273	58
12AW E	2014	AA	10/24 - 11/02	500	2992	500	11.7	454	2094	286	0	0	0	286	63
12AW E	2015	AA	10/23 - 11/01	450	3164	450	10.6	426	1939	254	0	0	0	254	60
12AW E	2016	AA	10/21 - 10/30	500	2963	500	11.5	480	2352	309	0	0	0	309	64
12AW L	2012	AA	11/23 - 12/02	135	2631	135	4.2	133	766	110	0	0	0	110	83
12AW L	2013	AA	11/22 - 12/01	135	2778	135	4.1	135	758	98	0	0	0	98	73
12AW L	2014	AA	11/21 - 11/30	135	3136	135	3.7	133	695	101	0	0	0	101	76
12AW L	2015	AA	11/20 - 11/29	100	2998	100	3	100	497	94	0	0	0	94	94
12AW L	2016	AA	11/18 - 11/27	100	2892	100	2.7	93	511	73	0	0	0	73	78
12B E	2012	AA	10/26 - 11/04	25	145	25	12.4	23	128	13	0	0	0	13	57
12B E	2013	AA	10/25 - 11/03	25	121	25	10.7	25	116	16	0	0	0	16	64
12B E	2014	AA	10/24 - 11/02	25	150	25	14	22	122	3	0	0	0	3	14
12B E	2015	AA	11/20 - 11/29	25	147	25	8.8	22	144	9	0	0	0	9	41
12B E	2016	AA	10/21 - 10/30	25	154	25	11.7	23	146	12	0	0	0	12	52
12B L	2012	AA	11/23 - 12/02	20	447	20	4.3	20	129	11	0	0	0	11	55
12B L	2013	AA	11/22 - 12/01	20	470	20	3	20	130	10	0	0	0	10	50
12B L	2014	AA	11/21 - 11/30	20	496	20	2.2	20	96	16	0	0	0	16	80
12B L	2015	AA	10/23 - 11/01	20	583	20	3.3	18	95	15	0	0	0	15	83
12B L	2016	AA	11/18 - 11/27	20	514	20	2.7	19	89	14	0	0	0	14	74
12BW E	2012	AA	10/26 - 11/04	150	361	150	23.3	143	695	92	0	0	0	92	64
12BW E	2013	AA	10/25 - 11/03	120	341	120	18.2	106	520	70	0	0	0	70	66

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## Deer Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
12BW E	2014	AA	10/24 - 11/02	130	358	130	21.2	117	623	71	0	0	0	71	61
12BW E	2015	AA	10/23 - 11/01	140	370	140	16.8	122	582	79	0	0	0	79	65
12BW E	2016	AA	10/21 - 10/30	140	405	140	19.3	124	572	106	0	0	0	106	85
12BW L	2012	AA	11/23 - 12/02	75	908	75	5.8	73	378	56	0	0	0	56	77
12BW L	2013	AA	11/22 - 12/01	75	1079	75	4.7	66	375	47	0	0	0	47	71
12BW L	2014	AA	11/21 - 11/30	85	901	85	5.1	82	417	67	0	0	0	67	82
12BW L	2015	AA	11/20 - 11/29	85	1017	85	5	85	391	75	0	0	0	75	88
12BW L	2016	AA	11/18 - 11/27	75	1032	75	3.9	71	274	61	0	0	0	61	86
13A	2012	AA	11/16 - 11/25	60	1842	60	2.6	57	314	46	0	0	0	46	81
13A	2013	AA	11/15 - 11/24	60	1751	60	2.5	58	338	47	0	0	0	47	81
13A	2014	AA	11/14 - 11/23	60	1785	60	2.2	60	386	45	0	0	0	45	75
13A	2015	AA	11/13 - 11/22	60	1861	60	2.1	58	332	49	0	0	0	49	84
13A	2016	AA	11/04 - 11/13	60	1445	60	2.6	56	414	36	0	0	0	36	64
13B	2012	AA	11/09 - 11/18	65	3703	65	1.8	65	351	50	0	0	0	50	77
13B	2013	AA	11/08 - 11/17	70	3645	70	1.9	70	457	53	0	0	0	53	76
13B	2014	AA	11/07 - 11/16	70	4062	70	1.7	70	439	51	0	0	0	51	73
13B	2015	AA	11/06 - 11/15	70	4659	71	1.5	68	360	58	0	0	0	58	85
13B	2016	AA	11/11 - 11/20	75	6744	75	1.1	70	385	62	0	0	0	62	89
16A	2012	AA	10/26 - 11/04	550	353	550	100	514	2595	77	0	0	0	77	15
16A	2013	AA	10/25 - 11/03	550	293	550	100	491	2338	61	0	0	0	61	12
16A	2014	AA	10/24 - 11/02	450	302	450	99	394	2145	71	0	0	0	71	18
16A	2015	AA	10/23 - 11/01	350	275	350	96	318	1564	65	0	0	0	65	20
16A	2016	AA	10/21 - 11/30	350	339	350	86.4	313	1510	67	0	0	0	67	21
17A	2012	AA	10/26 - 11/04	375	532	375	50.6	347	1702	75	0	0	0	75	22
17A	2013	AA	10/25 - 11/03	375	579	375	49.7	346	1702	61	0	0	0	61	18
17A	2014	AA	10/24 - 11/02	275	519	275	45.3	249	1206	42	0	0	0	42	17
17A	2015	AA	10/23 - 11/01	200	424	200	34.9	179	872	58	0	0	0	58	32
17A	2016	AA	10/21 - 10/30	175	396	175	32.1	160	654	52	0	0	0	52	33
17A/17B L	2012	AA	12/14 - 12/23	25	613	25	3.8	22	114	11	0	0	0	11	50
17B	2012	AA	10/26 - 11/04	425	614	425	50.3	403	1794	110	0	0	0	110	27
17B	2013	AA	10/25 - 11/03	15	291	15	3.4	14	66	14	0	0	0	14	100
17B E	2014	AA	10/24 - 11/02	425	763	425	38.7	402	1778	106	0	0	0	106	26
17B E	2015	AA	10/23 - 11/01	425	759	425	38.6	401	1748	157	0	0	0	157	39
17B E	2016	AA	10/21 - 10/30	500	766	500	47	450	2181	149	0	0	0	149	33
17B L	2013	AA	12/13 - 12/22	425	661	425	47.4	396	1821	131	0	0	0	131	33
17B L	2014	AA	12/12 - 12/21	15	447	15	2.5	15	92	13	0	0	0	13	87
17B L	2015	AA	12/11 - 12/31	15	498	15	2.6	13	86	13	0	0	0	13	100
17B L	2016	AA	12/09 - 12/31	15	568	15	1.9	11	79	11	0	0	0	11	100
18A	2012	AA	10/26 - 11/04	650	419	649	98.8	580	2967	119	0	0	0	119	21
18A	2013	AA	10/25 - 11/03	600	527	600	80.8	555	2915	112	0	0	0	112	20
18A	2014	AA	10/24 - 11/02	600	430	600	94.4	535	2949	93	0	0	0	93	17
18A	2016	AA	10/21 - 10/30	550	486	550	78.4	484	2939	87	0	0	0	87	18
18A E	2015	AA	10/23 - 11/01	550	435	550	88	511	2733	134	0	0	0	134	26
18B	2012	AA	10/26 - 11/01	325	404	325	63.9	295	1169	76	0	0	0	76	26
18B	2012	AA	11/09 - 11/15	325	207	325	79.7	293	1167	79	0	0	0	79	27
18B	2013	AA	10/25 - 10/31	325	461	325	57.3	296	1131	114	0	0	0	114	39
18B	2013	AA	11/08 - 11/14	325	285	325	70.9	307	1225	88	0	0	0	88	29
18B E	2014	AA	10/24 - 10/30	300	526	300	43.9	272	1027	88	0	0	0	88	32
18B E	2015	AA	10/23 - 10/29	275	406	275	50.5	238	889	104	0	0	0	104	44
18B E	2016	AA	10/21 - 10/30	550	679	550	58.9	498	2328	182	0	0	0	182	37
18B L	2014	AA	11/07 - 11/13	300	232	300	70.7	278	1094	73	0	0	0	73	26
18B L	2015	AA	10/23 - 11/01	275	343	275	58	246	947	107	0	0	0	107	43
19A	2012	AA	10/26 - 11/04	625	1183	625	40.9	588	2729	213	0	0	0	213	36
19A	2013	AA	10/25 - 11/03	625	1370	625	36.5	594	2600	238	0	5	0	243	41
19A	2014	AA	10/24 - 11/02	625	1350	625	38.7	581	2590	202	0	2	0	204	35
19A	2016	AA	10/21 - 10/30	700	1376	700	39	664	3214	247	0	21	0	268	40
19A E	2015	AA	10/23 - 11/01	675	1457	675	36.2	629	2711	244	0	11	0	255	41
19B	2012	AA	10/26 - 11/04	200	173	200	60.7	183	866	62	0	0	0	62	34
19B	2013	AA	10/25 - 11/03	225	196	225	63.8	218	1130	48	0	0	0	48	22
19B	2014	AA	10/24 - 11/02	225	203	225	65.5	215	1090	53	0	0	0	53	25
19B	2016	AA	10/21 - 10/30	225	190	225	58.4	205	1172	54	0	0	0	54	26
19B E	2015	AA	10/23 - 11/01	225	232	225	56	209	978	51	0	0	0	51	24
20A	2012	AA	10/26 - 11/04	700	876	700	60.4	636	2779	165	0	0	0	165	26
20A	2013	AA	10/25 - 11/03	700	1002	700	52.2	639	2767	145	0	0	0	145	23
20A	2014	AA	10/24 - 11/02	750	908	750	56.6	694	3192	173	0	0	0	173	25
20A	2015	AA	10/23 - 11/01	750	1006	749	54	719	3034	305	0	0	0	305	42
20A	2016	AA	10/21 - 10/30	800	1288	800	48.5	730	3005	303	0	0	0	303	42
20B	2012	AA	11/09 - 11/15	350	277	350	84.5	329	1230	59	0	0	0	59	18

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# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
20B	2013	AA	11/08 - 11/14	350	279	350	76.7	317	1146	46	0	0	0	46	15
20B	2014	AA	11/07 - 11/13	390	246	390	87.4	356	1273	41	0	0	0	41	12
20B	2015	AA	11/06 - 11/12	350	277	350	77.3	314	1093	63	0	0	0	63	20
20B	2016	AA	11/04 - 11/10	350	198	350	91.4	321	1166	81	0	0	0	81	25
20C E	2012	AA	10/26 - 11/01	350	280	349	82.5	327	1291	57	0	0	0	57	17
20C E	2013	AA	10/25 - 10/31	350	301	349	85.4	302	1181	75	0	0	0	75	25
20C E	2014	AA	10/24 - 10/30	380	293	380	80.5	360	1456	99	0	0	0	99	28
20C E	2015	AA	10/30 - 11/05	400	294	400	86.7	376	1305	129	0	0	0	129	34
20C E	2016	AA	10/28 - 11/03	400	421	400	71.7	353	1378	149	0	0	0	149	42
20C L	2012	AA	11/09 - 11/15	350	145	350	99.3	317	1191	30	0	0	0	30	9
20C L	2013	AA	11/08 - 11/14	350	133	350	100	312	1145	44	0	0	0	44	14
20C L	2014	AA	11/07 - 11/13	380	107	378	100	342	1292	111	0	0	0	111	32
20C L	2015	AA	11/13 - 11/19	400	233	400	97	352	1248	90	0	0	0	90	26
20C L	2016	AA	11/11 - 11/17	400	169	400	100	353	1357	116	0	0	0	116	33
21	2012	MD	11/09 - 11/15	550	855	550	47.5	490	1943	100	0	0	0	100	20
21	2013	MD	11/08 - 11/14	500	866	500	41.3	455	1853	103	0	0	0	103	23
21	2014	MD	11/07 - 11/13	550	937	550	43	503	2007	99	0	0	0	99	20
21	2015	MD	11/06 - 11/12	550	862	550	45.2	521	2003	118	0	0	0	118	23
21	2016	MD	11/04 - 11/10	550	692	550	48.3	518	1911	110	0	0	0	110	21
21	2016	MD	12/09 - 12/31	10	570	10	1.8	8	45	3	0	0	0	3	38
21 E	2012	WT	10/26 - 11/01	625	259	625	99.2	571	2230	0	0	85	0	85	15
21 E	2013	WT	10/25 - 10/31	625	213	625	98.1	581	2443	0	0	99	0	99	17
21 E	2014	WT	10/24 - 10/30	625	268	625	99.3	559	2282	0	0	95	0	95	17
21 E	2015	WT	10/23 - 10/29	625	272	625	97.4	587	2097	0	0	161	0	161	27
21 E	2016	WT	10/21 - 10/27	675	252	675	97.2	600	2283	0	0	187	0	187	31
21 L	2012	WT	12/14 - 12/31	30	351	30	6	30	188	0	0	10	0	10	33
21 L	2013	WT	12/13 - 12/31	30	355	30	5.4	27	147	0	0	18	0	18	67
21 L	2014	WT	12/12 - 12/31	30	488	30	5.7	30	170	0	0	5	0	5	17
21 L	2015	WT	12/11 - 12/31	30	447	30	5.8	28	190	0	0	13	0	13	46
21 L	2016	WT	12/09 - 12/31	30	381	30	5.5	25	130	0	0	13	0	13	52
22	2012	MD	11/02 - 11/08	600	797	600	51.4	548	2027	82	0	0	0	82	15
22	2013	MD	11/01 - 11/07	600	968	600	44.6	536	2075	93	0	0	0	93	17
22	2014	MD	10/31 - 11/06	600	914	603	43.5	576	2337	70	0	0	0	70	12
22	2015	MD	10/30 - 11/05	600	932	600	45.1	547	2211	82	0	0	0	82	15
22	2016	MD	10/28 - 11/03	600	924	600	41.1	567	2182	130	0	0	0	130	23
22 E	2012	WT	10/26 - 11/01	750	568	750	77.3	702	2816	0	0	132	0	132	19
22 E	2013	WT	10/25 - 10/31	800	548	801	76.5	731	2799	0	0	169	0	169	23
22 E	2014	WT	10/24 - 10/30	800	580	800	67.8	722	2790	0	0	138	0	138	19
22 E	2015	WT	10/23 - 10/29	400	428	400	55.1	356	1263	0	0	126	0	126	35
22 E	2016	WT	10/21 - 10/27	400	463	400	54.9	363	1381	0	0	122	0	122	34
22 M	2015	WT	11/06 - 11/12	400	251	400	76.9	374	1491	0	0	114	0	114	30
22 M	2016	WT	11/04 - 11/10	400	285	401	67.7	379	1483	0	0	73	0	73	19
22 L	2012	WT	12/14 - 12/31	25	544	25	4.6	22	113	0	0	6	0	6	27
22 L	2013	WT	12/13 - 12/31	25	602	25	4	23	132	0	0	12	0	12	52
22 L	2014	WT	12/12 - 12/31	50	769	50	5.2	47	344	0	0	28	0	28	60
22 L	2015	WT	12/11 - 12/31	50	822	50	4.4	50	307	0	0	30	0	30	60
22 L	2016	WT	12/09 - 12/31	50	881	50	4.2	45	245	0	0	34	0	34	76
23 E	2012	MD	11/02 - 11/08	625	1324	625	32.1	574	2456	110	0	0	0	110	19
23 E	2013	MD	11/01 - 11/07	625	1362	625	32.7	578	2424	110	0	0	0	110	19
23 E	2014	MD	10/31 - 11/06	625	1348	625	33.4	568	2519	108	0	0	0	108	19
23 E	2015	MD	10/30 - 11/05	625	1420	625	29	577	2387	139	0	0	0	139	24
23 E	2016	MD	10/28 - 11/03	625	1486	625	29.4	584	2440	171	0	0	0	171	29
23 L	2012	MD	12/14 - 12/31	20	855	20	2	20	137	12	0	0	0	12	60
23 L	2013	MD	12/13 - 12/31	20	766	20	2.2	12	68	4	0	0	0	4	33
23 L	2014	MD	12/12 - 12/31	20	831	20	2.2	20	138	13	0	0	0	13	65
23 L	2015	MD	12/11 - 12/31	20	822	20	2.3	20	140	16	0	0	0	16	80
23 E	2012	WT	10/26 - 11/01	575	480	575	56.7	535	2002	0	0	121	0	121	23
23 E	2013	WT	10/25 - 10/31	575	516	575	53.3	521	2049	0	0	99	0	99	19
23 E	2014	WT	10/24 - 10/30	575	455	575	64.4	511	2075	0	0	79	0	79	15
23 E	2015	WT	10/23 - 10/29	290	327	290	52.9	251	1095	0	0	56	0	56	22
23 E	2016	WT	10/21 - 10/27	300	322	299	53.4	283	1231	0	0	103	0	103	36
23 M	2015	WT	11/06 - 11/12	285	190	285	67.9	268	1208	0	0	103	0	103	38
23 M	2016	WT	11/04 - 11/10	275	291	275	51.2	264	1103	0	0	63	0	63	24
23 L	2012	WT	12/14 - 12/31	85	970	85	6.5	83	527	0	0	46	0	46	55
23 L	2013	WT	12/13 - 12/31	85	911	85	5.5	80	540	0	0	43	0	43	54
23 L	2014	WT	12/12 - 12/31	85	952	85	6.9	78	485	0	0	45	0	45	58
23 L	2015	WT	12/11 - 12/31	85	1030	85	6.4	76	465	0	0	47	0	47	62
23 L	2016	WT	12/09 - 12/31	85	1098	85	6.3	79	537	0	0	43	0	43	54

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

## Deer Harvest Data

### 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT- Buck	WT-Aless	Total	
<b>GENERAL</b>															
24A	2012	MD	11/16 - 11/25	300	510	300	43.9	286	1403	70	0	0	0	70	24
24A	2013	MD	11/15 - 11/24	300	512	300	43	263	1160	80	0	0	0	80	30
24A	2014	MD	11/14 - 11/23	300	571	300	41	287	1482	69	0	0	0	69	24
24A	2015	MD	11/13 - 11/22	300	563	300	40.7	273	1187	101	0	0	0	101	37
24A	2016	MD	11/11 - 11/20	200	565	200	25.1	179	860	96	0	0	0	96	54
24A T	2013	WT	11/29 - 12/08	375	134	375	95.5	331	1544	0	0	76	0	76	23
24A T	2014	WT	11/28 - 12/07	375	144	375	92.4	337	1608	0	0	78	0	78	23
24A T	2015	WT	11/27 - 12/06	375	156	378	92.3	339	1551	0	0	86	0	86	25
24A T	2016	WT	11/25 - 12/04	325	122	325	95.9	294	1501	0	0	79	0	79	27
24A E	2012	WT	10/26 - 11/01	500	297	500	100	481	1872	0	0	113	0	113	23
24A E	2013	WT	10/25 - 10/31	325	275	325	74.9	293	1104	0	0	62	0	62	21
24A E	2014	WT	10/24 - 10/30	325	186	325	91.9	325	1270	0	0	62	0	62	19
24A E	2015	WT	10/23 - 10/29	325	196	325	89.3	307	1348	0	0	81	0	81	26
24A E	2016	WT	10/21 - 10/27	325	160	325	98.8	318	1237	0	0	76	0	76	24
24A M	2012	WT	11/30 - 12/09	550	226	550	96.9	515	2407	0	0	130	0	130	25
24A M	2013	WT	11/01 - 11/07	375	70	373	100	348	1520	0	0	56	0	56	16
24A M	2014	WT	10/31 - 11/06	375	58	375	100	327	1325	0	0	59	0	59	18
24A M	2015	WT	11/06 - 11/12	375	78	375	100	352	1530	0	0	69	0	69	20
24A M	2016	WT	11/04 - 11/10	325	92	325	97.8	282	1046	0	0	61	0	61	22
24A L	2012	WT	12/14 - 12/31	45	395	45	8.1	42	286	0	0	13	0	13	31
24A L	2013	WT	12/13 - 12/31	50	355	50	8.5	50	316	0	0	23	0	23	46
24A L	2014	WT	12/12 - 12/31	50	398	50	6.5	41	274	0	0	26	0	26	63
24A L	2015	WT	12/11 - 12/31	50	405	50	8.6	44	392	0	0	20	0	20	45
24A L	2016	WT	12/09 - 12/31	50	352	50	9.9	50	291	0	0	31	0	31	62
24B	2012	MD	11/16 - 11/25	600	581	600	66.1	542	2533	82	0	0	0	82	15
24B	2013	MD	11/15 - 11/24	450	558	450	58.8	442	1979	61	0	0	0	61	14
24B	2014	MD	11/14 - 11/23	450	573	450	53.6	417	1927	53	0	0	0	53	13
24B	2015	MD	11/13 - 11/22	400	521	400	54.3	378	1551	120	0	0	0	120	32
24B	2016	MD	11/11 - 11/20	400	572	400	48.1	383	1813	95	0	0	0	95	25
24B T	2015	WT	11/27 - 12/06	350	115	350	99.1	302	1470	0	0	105	0	105	35
24B T	2016	WT	11/25 - 12/04	350	189	350	82.5	317	1298	0	0	119	0	119	38
24B E	2012	WT	10/26 - 11/01	425	223	425	90.6	390	1288	0	0	112	0	112	29
24B E	2013	WT	10/25 - 10/31	450	271	450	88.6	408	1483	0	0	144	0	144	35
24B E	2014	WT	10/24 - 10/30	475	323	475	83	448	1494	0	0	111	0	111	25
24B E	2015	WT	10/23 - 10/29	300	241	300	75.5	278	1041	0	0	108	0	108	39
24B E	2016	WT	10/21 - 10/27	300	280	300	64.6	258	972	0	0	91	0	91	35
24B M	2012	WT	11/02 - 11/08	425	85	425	100	374	1362	0	0	102	0	102	27
24B M	2013	WT	11/01 - 11/07	450	96	451	100	400	1576	0	0	110	0	110	28
24B M	2014	WT	11/07 - 11/13	475	133	475	100	447	1670	0	0	104	0	104	23
24B M	2015	WT	11/06 - 11/12	350	94	350	97.9	323	1246	0	0	116	0	116	36
24B M	2016	WT	11/04 - 11/10	350	129	350	100	323	1087	0	0	97	0	97	30
24B L	2012	WT	12/14 - 12/31	40	398	40	7	32	134	0	0	24	0	24	75
24B L	2013	WT	12/13 - 12/31	40	410	40	7.3	38	192	0	0	17	0	17	45
24B L	2014	WT	12/12 - 12/31	40	430	42	7.7	39	294	0	0	26	0	26	67
24B L	2015	WT	12/11 - 12/31	50	463	50	8.9	50	320	0	0	20	0	20	40
24B L	2016	WT	12/09 - 12/31	50	498	50	8	47	338	0	0	22	0	22	47
27 E	2012	MD	11/02 - 11/08	725	1162	725	43.4	652	2879	177	0	0	0	177	27
27 E	2013	MD	11/01 - 11/07	700	1266	700	36.3	647	2595	176	0	0	0	176	27
27 E	2014	MD	10/31 - 11/06	625	1449	624	30.1	578	2167	240	0	0	0	240	42
27 E	2015	MD	10/30 - 11/05	525	1562	525	21.5	476	2024	201	0	0	0	201	42
27 E	2016	MD	10/28 - 11/03	525	1565	525	23.5	487	1893	234	0	0	0	234	48
27 L	2012	MD	12/14 - 12/31	25	890	25	2.4	25	192	3	0	0	0	3	12
27 L	2013	MD	12/13 - 12/31	25	805	25	2.4	25	182	16	0	0	0	16	64
27 L	2014	MD	12/12 - 12/31	25	1042	25	2.2	23	192	15	0	0	0	15	65
27 L	2015	MD	12/11 - 12/31	25	927	25	2.5	25	103	23	0	0	0	23	92
27 L	2016	MD	12/09 - 12/31	25	957	25	2.5	21	138	17	0	0	0	17	81
27/28 E	2012	WT	10/26 - 11/01	600	182	600	98.9	542	2269	0	0	122	0	122	23
27/28 E	2013	WT	10/25 - 10/31	600	209	600	97.6	559	2425	0	0	117	0	117	21
27/28 E	2014	WT	10/24 - 10/30	600	206	600	96.6	545	2299	0	0	118	0	118	22
27/28 E	2015	WT	10/23 - 10/29	600	293	600	97.6	537	2230	0	0	200	0	200	37
27/28 E	2016	WT	10/21 - 10/27	600	310	600	86.8	549	2426	0	0	198	0	198	36
27/28 L	2012	WT	12/14 - 12/31	40	200	40	13.5	38	211	0	0	21	0	21	55
27/28 L	2013	WT	12/13 - 12/31	40	312	40	9.3	36	318	0	0	28	0	28	78
27/28 L	2014	WT	12/12 - 12/31	40	348	40	6.9	37	230	0	0	17	0	17	46
27/28 L	2015	WT	12/11 - 12/31	40	376	40	7.4	37	215	0	0	22	0	22	59
27/28 L	2016	WT	12/09 - 12/31	40	394	40	5.8	37	221	0	0	35	0	35	95
28 E	2012	MD	11/02 - 11/08	425	377	425	65.8	412	1800	82	0	0	0	82	20
28 E	2013	MD	11/01 - 11/07	425	395	425	70.4	381	1607	93	0	0	0	93	24

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# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
28 E	2014	MD	10/31 - 11/06	425	265	425	82.3	389	1718	79	0	0	0	79	20
28 E	2015	MD	10/30 - 11/05	425	301	425	78.7	405	1496	136	0	0	0	136	34
28 E	2016	MD	10/28 - 11/03	425	311	425	78.8	399	1624	135	0	0	0	135	34
28 L	2012	MD	11/16 - 11/22	425	175	425	98.3	387	1614	57	0	0	0	57	15
28 L	2013	MD	11/15 - 11/21	375	109	375	100	347	1569	56	0	0	0	56	16
28 L	2014	MD	11/14 - 11/20	375	102	375	100	334	1383	63	0	0	0	63	19
28 L	2015	MD	11/13 - 11/19	375	136	375	100	346	1328	89	0	0	0	89	26
28 L	2016	MD	11/11 - 11/17	400	138	400	99.3	342	1340	155	0	0	0	155	45
29 E	2012	MD	11/02 - 11/08	75	116	75	60.3	67	253	36	0	0	0	36	54
29 E	2013	MD	11/01 - 11/07	75	130	75	47.7	66	252	18	0	0	0	18	27
29 E	2014	MD	10/31 - 11/06	75	102	75	63.7	75	336	16	0	0	0	16	21
29 E	2015	MD	10/30 - 11/05	75	91	75	65.9	71	204	25	0	0	0	25	35
29 E	2016	MD	10/28 - 11/03	75	130	75	46.2	68	246	4	0	0	0	4	6
29 L	2012	MD	11/16 - 11/22	75	41	75	87.8	66	294	18	0	0	0	18	27
29 L	2013	MD	11/15 - 11/21	75	37	75	89.2	73	289	20	0	0	0	20	27
29 L	2014	MD	11/14 - 11/20	75	38	75	100	64	250	18	0	0	0	18	28
29 L	2015	MD	11/13 - 11/19	75	40	75	97.5	65	191	48	0	0	0	48	74
29 L	2016	MD	11/11 - 11/31	75	95	75	60	67	256	10	0	0	0	10	15
29 T	2012	WT	11/30 - 12/09	200	36	200	88.9	178	761	0	0	46	0	46	26
29 T	2013	WT	11/29 - 12/08	225	29	223	100	208	990	0	0	45	0	45	22
29 T	2014	WT	11/28 - 12/07	225	28	225	100	209	1011	0	0	44	0	44	21
29 T	2015	WT	11/27 - 12/06	225	48	225	91.7	200	989	0	0	61	0	61	31
29 T	2016	WT	11/25 - 12/04	225	56	225	96.4	194	811	0	0	89	0	89	46
29 E	2012	WT	10/26 - 11/01	250	93	250	96.8	217	767	0	0	43	0	43	20
29 E	2013	WT	10/25 - 10/31	250	96	247	83.3	199	638	0	0	58	0	58	29
29 E	2014	WT	10/24 - 10/30	250	123	247	84.6	213	793	0	0	22	0	22	10
29 E	2015	WT	10/23 - 10/29	250	112	250	90.2	213	744	0	0	67	0	67	31
29 E	2016	WT	10/21 - 10/27	250	150	250	94.7	235	951	0	0	96	0	96	41
29 M	2012	WT	11/09 - 11/15	250	54	250	100	207	782	0	0	49	0	49	24
29 M	2013	WT	11/08 - 11/14	225	61	225	80.3	194	725	0	0	19	0	19	10
29 M	2014	WT	11/07 - 11/13	225	42	225	95.2	218	936	0	0	65	0	65	30
29 M	2015	WT	11/06 - 11/12	225	70	225	97.1	203	751	0	0	63	0	63	31
29 M	2016	WT	11/04 - 11/10	225	78	225	100	206	664	0	0	79	0	79	38
29 L	2012	WT	12/14 - 12/31	40	157	40	21.7	38	169	0	0	11	0	11	29
29 L	2013	WT	12/13 - 12/31	40	201	40	11.4	34	154	0	0	14	0	14	41
29 L	2014	WT	12/12 - 12/31	40	199	40	12.6	35	153	0	0	16	0	16	46
29 L	2015	WT	12/11 - 12/31	40	294	40	8.5	36	175	0	0	25	0	25	69
29 L	2016	WT	12/09 - 12/31	40	317	40	8.8	36	169	0	0	31	0	31	86
30A E	2012	MD	11/02 - 11/08	375	389	375	81.7	359	1455	119	0	0	0	119	33
30A E	2013	MD	11/01 - 11/07	375	393	375	82.4	333	1192	84	0	0	0	84	25
30A E	2014	MD	10/31 - 11/06	375	420	375	79.3	364	1542	72	0	0	0	72	20
30A E	2015	MD	10/30 - 11/05	375	338	375	89.6	352	1366	153	0	0	0	153	43
30A E	2016	MD	10/28 - 11/03	400	463	400	77.3	363	1257	151	0	0	0	151	42
30A L	2012	MD	11/16 - 11/22	375	136	375	97.1	323	1123	68	0	0	0	68	21
30A L	2013	MD	11/15 - 11/21	375	107	375	100	328	1362	43	0	0	0	43	13
30A L	2014	MD	11/14 - 11/20	375	120	375	100	315	1282	54	0	0	0	54	17
30A L	2015	MD	11/13 - 11/19	375	136	375	99.3	342	1248	75	0	0	0	75	22
30A L	2016	MD	11/11 - 11/17	400	134	400	100	371	1452	124	0	0	0	124	33
30A T	2012	WT	11/30 - 12/09	200	17	200	100	173	701	0	0	69	0	69	40
30A T	2013	WT	11/29 - 12/08	200	26	199	100	175	905	0	0	66	0	66	38
30A T	2014	WT	11/28 - 12/07	200	24	200	100	168	622	0	0	34	0	34	20
30A T	2015	WT	11/27 - 12/06	200	23	200	95.7	169	642	0	0	69	0	69	41
30A T	2016	WT	11/25 - 12/04	200	34	200	94.1	158	673	0	0	79	0	79	50
30A E	2012	WT	10/26 - 11/01	200	21	200	100	170	533	0	0	40	0	40	24
30A E	2013	WT	10/25 - 10/31	200	26	200	100	193	786	0	0	62	0	62	32
30A E	2014	WT	10/24 - 10/30	200	27	200	100	168	621	0	0	36	0	36	21
30A E	2015	WT	10/23 - 10/29	200	18	200	100	173	610	0	0	54	0	54	31
30A E	2016	WT	10/21 - 10/27	225	33	225	100	188	660	0	0	53	0	53	28
30A M	2012	WT	11/09 - 11/15	200	22	200	100	175	632	0	0	60	0	60	34
30A M	2013	WT	11/08 - 11/14	200	29	200	100	194	768	0	0	58	0	58	30
30A M	2014	WT	11/07 - 11/13	200	20	200	100	169	669	0	0	48	0	48	28
30A M	2015	WT	11/06 - 11/12	200	33	200	100	160	500	0	0	53	0	53	33
30A M	2016	WT	11/04 - 11/10	225	27	225	100	159	713	0	0	47	0	47	30
30A L	2012	WT	12/14 - 12/31	40	136	40	17.6	38	208	0	0	19	0	19	50
30A L	2013	WT	12/13 - 12/31	40	128	40	20.3	38	200	0	0	25	0	25	66
30A L	2014	WT	12/12 - 12/31	40	153	40	19.6	36	180	0	0	11	0	11	31
30A L	2015	WT	12/11 - 12/31	40	131	40	16	40	285	0	0	26	0	26	65
30A L	2016	WT	12/09 - 12/31	40	128	40	17.2	37	184	0	0	24	0	24	65

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# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
30B E	2012	MD	11/02 - 11/08	400	475	396	72	376	1499	73	0	0	0	73	19
30B E	2013	MD	11/01 - 11/07	400	429	400	80.4	380	1613	97	0	0	0	97	26
30B E	2014	MD	10/31 - 11/06	400	398	400	84.7	355	1552	73	0	0	0	73	21
30B E	2015	MD	10/30 - 11/05	400	370	400	90.5	382	1438	164	0	0	0	164	43
30B E	2016	MD	10/28 - 11/03	400	391	400	79.5	377	1506	129	0	0	0	129	34
30B L	2012	MD	11/16 - 11/22	400	163	400	99.4	363	1447	92	0	0	0	92	25
30B L	2013	MD	11/15 - 11/21	400	202	397	97.5	381	1645	79	0	0	0	79	21
30B L	2014	MD	11/14 - 11/20	400	209	399	98.6	363	1603	76	0	0	0	76	21
30B L	2015	MD	11/13 - 11/19	400	210	400	99	363	1330	132	0	0	0	132	36
30B L	2016	MD	11/11 - 11/17	400	227	400	99.1	367	1541	124	0	0	0	124	34
30B T	2012	WT	11/30 - 12/09	100	17	100	94.1	95	356	0	0	33	0	33	35
30B T	2013	WT	11/29 - 12/08	100	17	99	100	92	340	0	0	43	0	43	47
30B T	2014	WT	11/28 - 12/07	100	44	100	65.9	97	452	0	0	41	0	41	42
30B T	2015	WT	11/27 - 12/06	100	25	100	80	94	371	0	0	35	0	35	37
30B T	2016	WT	11/25 - 12/04	100	25	100	88	93	363	0	0	33	0	33	35
30B E	2012	WT	10/26 - 11/01	125	61	125	100	116	417	0	0	35	0	35	30
30B E	2013	WT	10/25 - 10/31	125	60	127	91.7	92	339	0	0	23	0	23	25
30B E	2014	WT	10/24 - 10/30	125	41	125	97.6	110	468	0	0	30	0	30	27
30B E	2015	WT	10/23 - 10/29	125	37	125	100	112	439	0	0	32	0	32	29
30B E	2016	WT	10/21 - 10/27	125	41	124	100	124	506	0	0	57	0	57	46
30B M	2012	WT	11/09 - 11/15	125	24	125	100	114	351	0	0	48	0	48	42
30B M	2013	WT	11/08 - 11/14	125	37	124	100	116	438	0	0	27	0	27	23
30B M	2014	WT	11/07 - 11/13	125	29	125	100	115	448	0	0	28	0	28	24
30B M	2015	WT	11/06 - 11/12	125	18	125	100	119	360	0	0	70	0	70	59
30B M	2016	WT	11/04 - 11/10	125	34	125	91.2	116	390	0	0	44	0	44	38
30B L	2012	WT	12/14 - 12/31	75	176	75	29	73	409	0	0	36	0	36	49
30B L	2013	WT	12/13 - 12/31	75	200	75	25	66	371	0	0	21	0	21	32
30B L	2014	WT	12/12 - 12/31	75	215	75	25.6	70	389	0	0	41	0	41	59
30B L	2015	WT	12/11 - 12/31	75	217	75	17.5	75	385	0	0	45	0	45	60
30B L	2016	WT	12/09 - 12/31	75	243	75	17.7	67	394	0	0	42	0	42	63
31 E	2012	MD	11/02 - 11/08	100	259	100	33.6	100	353	34	0	0	0	34	34
31 E	2013	MD	11/01 - 11/07	100	310	100	29.7	97	405	24	0	0	0	24	25
31 E	2014	MD	10/31 - 11/06	100	304	100	30.3	85	303	39	0	0	0	39	46
31 E	2015	MD	10/30 - 11/05	100	289	100	29.1	90	307	40	0	0	0	40	44
31 E	2016	MD	10/28 - 11/03	100	306	100	28.4	93	331	55	0	0	0	55	59
31 L	2012	MD	11/16 - 11/22	100	67	100	67.2	89	335	28	0	0	0	28	31
31 L	2013	MD	11/15 - 11/21	100	64	100	57.8	94	362	29	0	0	0	29	31
31 L	2014	MD	11/14 - 11/20	100	107	100	45.8	98	398	30	0	0	0	30	31
31 L	2015	MD	11/13 - 11/19	100	104	100	58.7	92	284	34	0	0	0	34	37
31 L	2016	MD	11/11 - 11/17	100	158	100	39.9	91	330	35	0	0	0	35	38
31 T	2012	WT	11/30 - 12/09	200	91	200	83.5	193	986	0	0	54	0	54	28
31 T	2013	WT	11/29 - 12/08	200	106	200	67.9	188	828	0	0	56	0	56	30
31 T	2014	WT	11/28 - 12/07	150	56	150	69.6	135	680	0	0	59	0	59	44
31 T	2015	WT	11/27 - 12/06	150	123	150	42.3	142	596	0	0	54	0	54	38
31 T	2016	WT	11/25 - 12/04	150	103	150	57.3	135	604	0	0	80	0	80	59
31 E	2012	WT	10/26 - 11/01	200	192	200	55.7	194	674	0	0	53	0	53	27
31 E	2013	WT	10/25 - 10/31	200	174	200	63.8	185	736	0	0	52	0	52	28
31 E	2014	WT	10/24 - 10/30	200	181	200	65.7	193	858	0	0	65	0	65	34
31 E	2015	WT	10/23 - 10/29	150	191	150	44.5	140	528	0	0	57	0	57	41
31 E	2016	WT	10/21 - 10/27	150	155	150	51	121	487	0	0	63	0	63	52
31 M	2012	WT	11/09 - 11/15	200	85	200	100	189	718	0	0	71	0	71	38
31 M	2013	WT	11/08 - 11/14	150	97	150	86.6	143	563	0	0	52	0	52	36
31 M	2014	WT	11/07 - 11/13	150	97	150	77.3	145	583	0	0	50	0	50	34
31 M	2015	WT	11/06 - 11/12	150	98	150	74.5	143	525	0	0	65	0	65	45
31 M	2016	WT	11/04 - 11/10	150	128	150	60.2	126	435	0	0	56	0	56	44
31 L	2012	WT	12/14 - 12/31	125	608	125	16.4	116	506	0	0	45	0	45	39
31 L	2013	WT	12/13 - 12/31	125	576	125	17.7	115	699	0	0	66	0	66	57
31 L	2014	WT	12/12 - 12/31	125	735	125	12.4	115	659	0	0	74	0	74	64
31 L	2015	WT	12/11 - 12/31	125	775	125	12.5	125	721	0	0	93	0	93	74
31 L	2016	WT	12/09 - 12/31	125	779	125	12.3	122	750	0	0	85	0	85	70
32 E	2012	MD	11/02 - 11/08	350	547	350	54.7	328	1220	97	0	0	0	97	30
32 E	2013	MD	11/01 - 11/07	350	633	349	46.4	322	1179	89	0	0	0	89	28
32 E	2014	MD	10/31 - 11/06	350	596	350	47.1	326	1235	93	0	0	0	93	29
32 E	2015	MD	10/30 - 11/05	350	571	350	49.7	321	1202	149	0	0	0	149	46
32 E	2016	MD	10/28 - 11/03	375	603	375	49.6	346	1342	183	0	0	0	183	53
32 L	2012	MD	11/16 - 11/22	350	271	350	74.5	335	1317	85	0	0	0	85	25
32 L	2013	MD	11/15 - 11/21	350	219	350	76.7	317	1262	66	0	0	0	66	21
32 L	2014	MD	11/14 - 11/20	350	302	350	71.5	331	1337	96	0	0	0	96	29

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

## Deer Harvest Data

*5-Year: 2012-2016 Harvest*

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
32 L	2015	MD	11/13 - 11/19	350	288	350	74	326	1188	90	0	0	0	90	28
32 L	2016	MD	11/11 - 11/17	375	298	375	73.8	357	1468	168	0	0	0	168	47
32 T	2012	WT	11/30 - 12/09	400	137	400	96.4	346	1574	0	0	84	0	84	24
32 T	2013	WT	11/29 - 12/08	400	185	400	91.4	341	1644	0	0	104	0	104	30
32 T	2014	WT	11/28 - 12/07	400	197	400	98	358	1651	0	0	78	0	78	22
32 T	2015	WT	11/27 - 12/06	400	130	400	98.5	329	1388	0	0	61	0	61	19
32 T	2016	WT	11/25 - 12/04	400	136	401	97.1	373	1583	0	0	158	0	158	42
32 E	2012	WT	10/26 - 11/01	450	202	450	99	414	1534	0	0	106	0	106	26
32 E	2013	WT	10/25 - 10/31	450	194	450	99.5	393	1533	0	0	99	0	99	25
32 E	2014	WT	10/24 - 10/30	450	249	450	100	400	1456	0	0	100	0	100	25
32 E	2015	WT	12/23 - 10/29	425	166	425	95.8	387	1444	0	0	121	0	121	31
32 E	2016	WT	10/21 - 10/27	425	205	425	99	401	1606	0	0	142	0	142	35
32 M	2012	WT	11/09 - 11/15	450	145	450	100	417	1555	0	0	121	0	121	29
32 M	2013	WT	11/08 - 11/14	450	145	450	97.2	388	1567	0	0	91	0	91	23
32 M	2014	WT	11/07 - 11/13	450	114	450	95.6	393	1601	0	0	102	0	102	26
32 M	2015	WT	11/06 - 11/12	425	128	425	96.9	396	1482	0	0	157	0	157	40
32 M	2016	WT	11/04 - 11/10	425	119	425	100	388	1506	0	0	152	0	152	39
32 L	2012	WT	12/14 - 12/31	40	430	40	6.7	38	203	0	0	18	0	18	47
32 L	2013	WT	12/13 - 12/31	40	444	40	5.9	30	153	0	0	20	0	20	67
32 L	2014	WT	12/12 - 12/31	40	416	40	7.2	37	271	0	0	11	0	11	30
32 L	2015	WT	12/11 - 12/31	50	418	50	10	45	284	0	0	32	0	32	71
32 L	2016	WT	12/09 - 12/31	50	426	50	5.6	45	219	0	0	14	0	14	31
33 E	2016	MD	10/28 - 11/03	300	377	300	65.3	267	1040	70	0	0	0	70	26
33 L	2012	MD	11/02 - 11/08	300	389	300	61.7	282	1132	50	0	0	0	50	18
33 L	2013	MD	11/01 - 11/07	300	380	300	59.5	290	1208	50	0	0	0	50	17
33 L	2014	MD	10/31 - 11/06	300	445	300	57.1	266	1064	51	0	0	0	51	19
33 L	2015	MD	10/30 - 11/05	300	439	300	52.4	276	1062	82	0	0	0	82	30
33 T	2012	WT	11/30 - 12/09	700	517	700	70	657	2793	0	0	201	0	201	31
33 T	2013	WT	11/29 - 12/08	700	478	700	73.8	645	2881	0	0	223	0	223	35
33 T	2014	WT	11/28 - 12/07	700	486	700	66.3	632	2738	0	0	164	0	164	26
33 T	2015	WT	11/27 - 12/06	700	429	700	83.7	667	3022	0	0	252	0	252	38
33 T	2016	WT	11/25 - 12/04	725	471	725	78.1	658	2813	0	0	252	0	252	38
33 E	2012	WT	10/26 - 11/01	700	780	700	62.1	654	2301	0	0	258	0	258	39
33 E	2013	WT	10/25 - 10/31	700	881	700	55.1	650	2186	0	0	240	0	240	37
33 E	2014	WT	10/24 - 10/30	700	796	700	58.7	655	2281	0	0	227	0	227	35
33 E	2015	WT	10/23 - 10/29	700	676	700	66.9	663	2018	0	0	271	0	271	41
33 E	2016	WT	10/21 - 10/27	725	756	725	64.7	683	2404	0	0	322	0	322	47
33 M	2012	WT	11/09 - 11/15	700	482	700	81.5	661	2356	0	0	259	0	259	39
33 M	2013	WT	11/08 - 11/14	700	503	698	71	632	2346	0	0	166	0	166	26
33 M	2014	WT	11/07 - 11/13	700	453	700	85.9	626	2515	0	0	188	0	188	30
33 M	2015	WT	11/06 - 11/12	700	449	700	92	648	2259	0	0	237	0	237	37
33 M	2016	WT	11/04 - 11/10	725	409	725	93.6	661	2426	0	0	257	0	257	39
33 L	2012	WT	12/14 - 12/31	50	1343	50	3.6	47	268	0	0	22	0	22	47
33 L	2013	WT	12/13 - 12/31	50	1419	50	3.2	47	223	0	0	28	0	28	60
33 L	2014	WT	12/12 - 12/31	50	1363	50	3.7	44	234	0	0	24	0	24	55
33 L	2015	WT	12/11 - 12/31	50	1265	50	3.8	41	274	0	0	26	0	26	63
33 L	2016	WT	12/09 - 12/31	50	1359	50	3.2	48	300	0	0	31	0	31	65
34A E	2012	MD	11/02 - 11/08	25	223	25	8.1	23	83	8	0	0	0	8	35
34A E	2013	MD	11/01 - 11/07	25	174	25	11.5	18	72	7	0	0	0	7	39
34A E	2014	MD	10/31 - 11/06	25	188	25	10.6	25	118	0	0	0	0	0	0
34A E	2015	MD	10/30 - 11/05	25	223	25	10.3	19	44	11	0	0	0	11	58
34A E	2016	MD	10/28 - 11/03	25	212	25	10.4	25	109	3	0	0	0	3	12
34A T	2012	WT	11/30 - 12/09	600	193	600	96.9	545	2520	0	0	108	0	108	20
34A T	2013	WT	11/29 - 12/08	600	239	589	98.7	550	2229	0	0	118	0	118	21
34A T	2014	WT	11/28 - 12/07	600	209	600	98.1	539	2506	0	0	167	0	167	31
34A T	2015	WT	11/27 - 12/06	600	268	600	94	550	2326	0	0	164	0	164	30
34A T	2016	WT	11/25 - 12/04	600	344	600	98	566	2613	0	0	192	0	192	34
34A E	2012	WT	10/26 - 11/01	675	364	675	95.9	632	2194	0	0	120	0	120	19
34A E	2013	WT	10/25 - 10/31	675	371	675	97.6	617	2284	0	0	124	0	124	20
34A E	2014	WT	10/24 - 10/30	675	415	675	95.9	584	2237	0	0	127	0	127	22
34A E	2015	WT	10/23 - 10/29	675	382	675	97.1	593	2249	0	0	155	0	155	26
34A E	2016	WT	10/21 - 10/27	675	390	675	92.8	614	2275	0	0	212	0	212	35
34A M	2012	WT	11/09 - 11/15	675	239	675	96.7	612	2242	0	0	124	0	124	20
34A M	2013	WT	11/08 - 11/14	675	276	665	98.2	615	2448	0	0	91	0	91	15
34A M	2014	WT	11/07 - 11/13	675	232	675	98.3	578	2280	0	0	142	0	142	25
34A M	2015	WT	11/06 - 11/12	675	265	675	100	613	2177	0	0	172	0	172	28
34A M	2016	WT	11/04 - 11/10	675	272	675	100	626	2269	0	0	139	0	139	22
34A L	2012	WT	12/14 - 12/31	40	558	40	5.4	40	238	0	0	12	0	12	30

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# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
34A L	2013	WT	12/13 - 12/31	40	502	40	5.4	40	204	0	0	19	0	19	48
34A L	2014	WT	12/12 - 12/31	40	650	40	5.1	37	172	0	0	17	0	17	46
34A L	2015	WT	12/11 - 12/31	40	627	40	5.1	40	220	0	0	23	0	23	58
34A L	2016	WT	12/09 - 12/31	40	707	40	5.1	40	349	0	0	20	0	20	50
34B E	2012	MD	11/02 - 11/08	75	123	75	40.7	72	276	15	0	0	0	15	21
34B E	2013	MD	11/01 - 11/07	50	96	50	46.9	45	173	11	0	0	0	11	24
34B E	2014	MD	10/31 - 11/06	50	69	50	40.6	45	176	14	0	0	0	14	31
34B E	2015	MD	10/30 - 11/05	50	100	50	39	50	207	7	0	0	0	7	14
34B E	2016	MD	10/28 - 11/03	50	99	50	26.3	36	171	0	0	0	0	0	0
34B L	2012	MD	11/16 - 11/22	75	35	75	91.4	66	272	13	0	0	0	13	20
34B L	2013	MD	11/15 - 11/21	50	64	50	42.2	42	171	3	0	0	0	3	7
34B L	2014	MD	11/14 - 11/20	50	61	50	57.4	44	150	6	0	0	0	6	14
34B L	2015	MD	11/13 - 11/19	50	37	50	54.1	41	150	26	0	0	0	26	63
34B L	2016	MD	11/11 - 11/19	50	69	50	52.2	50	177	19	0	0	0	19	38
34B T	2012	WT	11/30 - 12/09	100	39	100	87.2	91	460	0	0	19	0	19	21
34B T	2013	WT	11/29 - 12/08	100	19	97	100	79	362	0	0	6	0	6	8
34B T	2014	WT	11/28 - 12/07	100	25	100	100	92	350	0	0	16	0	16	17
34B T	2015	WT	11/27 - 12/06	100	21	100	100	88	388	0	0	27	0	27	31
34B T	2016	WT	11/25 - 12/04	100	36	100	100	78	356	0	0	34	0	34	44
34B E	2012	WT	10/26 - 11/01	100	23	100	100	85	248	0	0	29	0	29	34
34B E	2013	WT	10/25 - 10/31	100	52	100	96.2	86	345	0	0	27	0	27	31
34B E	2014	WT	10/24 - 10/30	100	46	100	100	87	342	0	0	15	0	15	17
34B E	2015	WT	10/23 - 10/29	100	35	100	94.3	89	349	0	0	14	0	14	16
34B E	2016	WT	10/21 - 10/27	100	52	100	100	91	400	0	0	17	0	17	19
34B M	2012	WT	11/09 - 11/15	100	46	100	91.3	85	349	0	0	14	0	14	16
34B M	2013	WT	11/08 - 11/14	100	43	100	95.3	97	413	0	0	10	0	10	10
34B M	2014	WT	11/07 - 11/13	100	36	100	100	76	416	0	0	4	0	4	5
34B M	2015	WT	11/06 - 11/12	100	31	100	100	88	317	0	0	27	0	27	31
34B M	2016	WT	11/04 - 11/10	100	33	100	87.9	96	313	0	0	21	0	21	22
34B L	2012	WT	12/14 - 12/31	40	106	40	17	36	142	0	0	11	0	11	31
34B L	2013	WT	12/13 - 12/31	40	125	40	20.8	33	215	0	0	12	0	12	36
34B L	2014	WT	12/12 - 12/31	40	155	40	15.5	35	209	0	0	14	0	14	40
34B L	2015	WT	12/11 - 12/31	40	173	40	13.9	37	220	0	0	26	0	26	70
34B L	2016	WT	12/09 - 12/31	40	224	40	13.4	35	200	0	0	21	0	21	60
35A T	2012	WT	11/30 - 12/09	300	61	300	88.5	265	1257	0	0	45	0	45	17
35A T	2013	WT	11/29 - 12/08	300	69	297	84.1	271	1289	0	0	61	0	61	23
35A T	2014	WT	11/28 - 12/07	325	60	324	96.7	288	1378	0	0	65	0	65	23
35A T	2015	WT	11/27 - 12/06	325	74	325	91.9	275	1306	0	0	84	0	84	31
35A T	2016	WT	11/25 - 12/04	325	66	325	97	302	1528	0	0	122	0	122	40
35A E	2012	WT	10/26 - 11/01	350	119	351	95	290	1021	0	0	102	0	102	35
35A E	2013	WT	10/25 - 10/31	350	141	347	94.3	306	1158	0	0	78	0	78	25
35A E	2014	WT	10/24 - 10/30	375	144	375	95.8	316	1242	0	0	43	0	43	14
35A E	2015	WT	10/23 - 10/29	375	160	375	91.9	350	1217	0	0	131	0	131	37
35A E	2016	WT	10/21 - 10/27	375	127	375	94.5	348	1237	0	0	125	0	125	36
35A M	2012	WT	11/09 - 11/15	350	48	348	100	315	1297	0	0	53	0	53	17
35A M	2013	WT	11/08 - 11/14	350	67	349	100	319	1408	0	0	66	0	66	21
35A M	2014	WT	11/07 - 11/13	375	88	372	100	353	1510	0	0	42	0	42	12
35A M	2015	WT	11/06 - 11/12	375	66	375	100	338	1365	0	0	79	0	79	23
35A M	2016	WT	11/04 - 11/10	375	50	375	98	329	1462	0	0	54	0	54	16
35A L	2012	WT	12/14 - 12/31	40	262	40	11.5	38	260	0	0	18	0	18	47
35A L	2013	WT	12/13 - 12/31	40	338	40	8.9	37	326	0	0	11	0	11	30
35A L	2014	WT	12/12 - 12/31	40	415	40	9.6	38	253	0	0	11	0	11	29
35A L	2015	WT	12/11 - 12/31	40	383	40	9.1	37	247	0	0	30	0	30	81
35A L	2016	WT	12/09 - 12/31	40	423	40	8.3	40	244	0	0	22	0	22	55
35B T	2012	WT	11/30 - 12/09	350	180	350	91.7	323	1579	0	0	63	0	63	20
35B T	2013	WT	11/29 - 12/08	350	116	350	94	322	1539	0	0	69	0	69	21
35B T	2014	WT	11/28 - 12/07	350	122	350	100	333	1516	0	0	116	0	116	35
35B T	2015	WT	11/27 - 12/06	350	154	350	92.2	301	1376	0	0	95	0	95	32
35B T	2016	WT	11/25 - 12/04	350	175	350	97.7	322	1606	0	0	92	0	92	29
35B E	2012	WT	10/26 - 11/01	425	188	425	98.4	396	1484	0	0	112	0	112	28
35B E	2013	WT	10/25 - 10/31	425	189	424	91	384	1545	0	0	108	0	108	28
35B E	2014	WT	10/24 - 10/30	425	195	426	95.4	374	1461	0	0	78	0	78	21
35B E	2015	WT	10/23 - 10/29	425	140	425	96.4	372	1432	0	0	89	0	89	24
35B E	2016	WT	10/21 - 10/27	425	232	425	93.5	385	1518	0	0	129	0	129	34
35B M	2012	WT	11/09 - 11/15	425	117	425	100	379	1453	0	0	94	0	94	25
35B M	2013	WT	11/08 - 11/14	425	137	424	100	378	1438	0	0	62	0	62	16
35B M	2014	WT	11/07 - 11/13	425	178	425	97.8	374	1407	0	0	78	0	78	21
35B M	2015	WT	11/06 - 11/12	425	160	425	100	388	1416	0	0	115	0	115	30

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# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
35B M	2016	WT	11/04 - 11/10	425	194	425	100	383	1501	0	0	74	0	74	19
35B L	2012	WT	12/14 - 12/31	40	258	40	9.3	38	225	0	0	13	0	13	34
35B L	2013	WT	12/13 - 12/31	40	282	40	8.5	40	196	0	0	31	0	31	78
35B L	2014	WT	12/12 - 12/31	40	366	40	9.3	38	200	0	0	19	0	19	50
35B L	2015	WT	12/11 - 12/31	40	442	40	4.3	38	266	0	0	21	0	21	55
35B L	2016	WT	12/09 - 12/31	40	390	40	7.7	37	240	0	0	18	0	18	49
36A E	2012	MD	11/02 - 11/08	300	466	300	52.8	292	1035	62	0	0	0	62	21
36A E	2013	MD	11/01 - 11/07	300	606	300	38.4	290	1142	76	0	0	0	76	26
36A E	2014	MD	10/31 - 11/06	300	633	300	39	284	1123	45	0	0	0	45	16
36A E	2015	MD	10/30 - 11/05	300	596	300	42.1	276	1103	92	0	0	0	92	33
36A E	2016	MD	10/28 - 11/03	300	691	300	35.9	282	1095	58	0	0	0	58	21
36A L	2012	MD	11/16 - 11/22	325	185	325	89.2	311	1253	51	0	0	0	51	16
36A L	2013	MD	11/15 - 11/21	325	275	325	71.3	308	1225	49	0	0	0	49	16
36A L	2014	MD	11/14 - 11/20	325	301	324	66.4	287	1142	53	0	0	0	53	18
36A L	2015	MD	11/13 - 11/19	300	362	300	55.8	277	927	88	0	0	0	88	32
36A L	2016	MD	11/11 - 11/17	275	300	275	52.3	245	1013	68	0	0	0	68	28
36A T	2012	WT	11/30 - 12/09	400	74	400	94.6	368	1635	0	0	86	0	86	23
36A T	2013	WT	11/29 - 12/08	400	60	400	100	362	1759	0	0	77	0	77	21
36A T	2014	WT	11/28 - 12/07	400	72	400	94.4	362	1815	0	0	75	0	75	21
36A T	2015	WT	11/27 - 12/06	450	57	450	100	412	1659	0	0	130	0	130	32
36A T	2016	WT	11/25 - 12/04	450	65	450	92.3	409	1877	0	0	143	0	143	35
36A E	2012	WT	10/26 - 11/01	450	142	450	96.5	417	1416	0	0	107	0	107	26
36A E	2013	WT	10/25 - 10/31	450	128	448	95.3	402	1395	0	0	115	0	115	29
36A E	2014	WT	10/24 - 10/30	450	165	450	91.5	410	1414	0	0	97	0	97	24
36A E	2015	WT	10/23 - 10/29	450	125	450	98.4	395	1374	0	0	188	0	188	48
36A E	2016	WT	10/21 - 10/27	400	190	400	88.4	355	1384	0	0	139	0	139	39
36A M	2012	WT	11/09 - 11/15	500	80	500	100	440	1520	0	0	109	0	109	25
36A M	2013	WT	11/08 - 11/14	500	83	496	100	483	1627	0	0	126	0	126	26
36A M	2014	WT	11/07 - 11/13	500	69	500	100	448	1613	0	0	119	0	119	27
36A M	2015	WT	11/06 - 11/12	500	96	500	100	453	1608	0	0	132	0	132	29
36A M	2016	WT	11/04 - 11/10	425	88	425	100	378	1430	0	0	103	0	103	27
36A L	2012	WT	12/14 - 12/31	40	272	40	9.9	40	253	0	0	12	0	12	30
36A L	2013	WT	12/13 - 12/31	40	244	40	12.7	38	292	0	0	24	0	24	63
36A L	2014	WT	12/12 - 12/31	40	283	40	9.5	40	218	0	0	31	0	31	78
36A L	2015	WT	12/11 - 12/31	40	342	40	7.3	40	292	0	0	22	0	22	55
36A L	2016	WT	12/09 - 12/31	40	385	40	7.5	38	228	0	0	14	0	14	37
36B E	2012	MD	11/02 - 11/08	150	314	150	45.2	147	568	35	0	0	0	35	24
36B E	2013	MD	11/01 - 11/07	150	327	150	33.3	143	544	46	0	0	0	46	32
36B E	2014	MD	10/31 - 11/06	150	318	150	40.3	144	565	35	0	0	0	35	24
36B E	2015	MD	10/30 - 11/05	150	363	150	34.7	139	428	73	0	0	0	73	53
36B E	2016	MD	10/28 - 11/03	150	389	150	36.8	131	592	51	0	0	0	51	39
36B L	2012	MD	11/16 - 11/22	150	66	150	80.3	139	453	28	0	0	0	28	20
36B L	2013	MD	11/15 - 11/21	150	93	150	82.8	139	520	35	0	0	0	35	25
36B L	2014	MD	11/14 - 11/20	150	134	150	61.2	143	556	51	0	0	0	51	36
36B L	2015	MD	11/13 - 11/19	150	197	150	53.8	139	565	40	0	0	0	40	29
36B L	2016	MD	11/11 - 11/17	150	186	150	51.1	112	403	59	0	0	0	59	53
36B T	2012	WT	11/30 - 12/09	750	129	750	100	691	2902	0	0	152	0	152	22
36B T	2013	WT	11/29 - 12/08	750	147	743	100	685	3092	0	0	209	0	209	31
36B T	2014	WT	11/28 - 12/07	750	220	750	94.5	696	3182	0	0	202	0	202	29
36B T	2015	WT	11/27 - 12/06	750	253	750	96.4	681	3007	0	0	271	0	271	40
36B T	2016	WT	11/25 - 12/04	750	288	750	97.9	697	3172	0	0	253	0	253	36
36B E	2012	WT	10/26 - 11/01	800	364	800	86.5	737	2769	0	0	234	0	234	32
36B E	2013	WT	10/25 - 10/31	800	453	788	94.7	729	2608	0	0	179	0	179	25
36B E	2014	WT	10/24 - 10/30	800	415	800	97.1	726	2711	0	0	182	0	182	25
36B E	2015	WT	10/23 - 10/29	800	470	800	97.4	731	2607	0	0	251	0	251	34
36B E	2016	WT	10/21 - 10/27	800	524	800	93.3	731	2762	0	0	223	0	223	31
36B M	2012	WT	11/09 - 11/15	800	192	800	98.4	753	2725	0	0	163	0	163	22
36B M	2013	WT	11/08 - 11/14	800	248	787	98	741	3369	0	0	144	0	144	19
36B M	2014	WT	11/07 - 11/13	800	278	800	98.2	697	2721	0	0	186	0	186	27
36B M	2015	WT	11/06 - 11/12	800	324	800	98.5	724	2711	0	0	240	0	240	33
36B M	2016	WT	11/04 - 11/10	800	352	800	99.7	719	2772	0	0	231	0	231	32
36B L	2012	WT	12/14 - 12/31	40	391	40	7.7	37	168	0	0	30	0	30	81
36B L	2013	WT	12/13 - 12/31	40	600	40	4.8	40	277	0	0	25	0	25	63
36B L	2014	WT	12/12 - 12/31	40	580	40	5.5	40	217	0	0	25	0	25	63
36B L	2015	WT	12/11 - 12/31	40	661	40	5.7	36	250	0	0	17	0	17	47
36B L	2016	WT	12/09 - 12/31	40	613	40	5.1	40	213	0	0	27	0	27	68
36C E	2012	MD	11/02 - 11/08	100	162	100	51.9	91	348	25	0	0	0	25	27
36C E	2013	MD	11/01 - 11/07	100	156	100	48.7	94	383	19	0	0	0	19	20

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# Deer Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
36C E	2014	MD	10/31 - 11/06	100	100	100	68	92	382	18	0	0	0	18	20
36C E	2015	MD	10/30 - 11/05	100	94	100	66	84	360	16	0	0	0	16	19
36C E	2016	MD	10/28 - 11/03	100	107	100	69.2	86	409	26	0	0	0	26	30
36C L	2012	MD	11/16 - 11/22	100	73	100	86.3	90	350	19	0	0	0	19	21
36C L	2013	MD	11/15 - 11/21	100	45	100	100	87	392	21	0	0	0	21	24
36C L	2014	MD	11/14 - 11/20	100	89	100	70.8	93	398	22	0	0	0	22	24
36C L	2015	MD	11/13 - 11/19	100	71	100	90.1	100	397	32	0	0	0	32	32
36C L	2016	MD	11/11 - 11/17	100	96	100	85.4	88	373	28	0	0	0	28	32
36C T	2012	WT	11/30 - 12/09	175	44	175	81.8	161	705	0	0	43	0	43	27
36C T	2013	WT	11/29 - 12/08	175	43	173	86	157	686	0	0	60	0	60	38
36C T	2014	WT	11/28 - 12/07	175	33	175	84.8	161	644	0	0	71	0	71	44
36C T	2015	WT	11/27 - 12/06	175	55	175	83.6	171	751	0	0	51	0	51	30
36C T	2016	WT	11/25 - 12/04	175	81	175	86.4	164	737	0	0	76	0	76	46
36C E	2012	WT	10/26 - 11/01	175	75	175	100	151	469	0	0	65	0	65	43
36C E	2013	WT	10/25 - 10/31	175	96	173	87.5	162	532	0	0	52	0	52	32
36C E	2014	WT	10/24 - 10/30	175	104	175	100	166	597	0	0	56	0	56	34
36C E	2015	WT	10/23 - 10/29	175	85	175	94.1	155	525	0	0	40	0	40	26
36C E	2016	WT	10/21 - 10/27	175	81	175	95.1	171	609	0	0	58	0	58	34
36C M	2012	WT	11/09 - 11/15	175	92	175	97.8	158	644	0	0	42	0	42	27
36C M	2013	WT	11/08 - 11/14	175	65	174	100	156	634	0	0	50	0	50	32
36C M	2014	WT	11/07 - 11/13	175	52	175	88.5	158	497	0	0	35	0	35	22
36C M	2015	WT	11/06 - 11/12	175	56	175	100	164	607	0	0	76	0	76	46
36C M	2016	WT	11/04 - 11/10	175	60	175	96.7	156	745	0	0	60	0	60	38
36C L	2012	WT	12/14 - 12/31	125	388	125	19.1	113	725	0	0	48	0	48	42
36C L	2013	WT	12/13 - 12/31	125	376	125	21.8	108	625	0	0	54	0	54	50
36C L	2014	WT	12/12 - 12/31	125	520	125	14.2	108	613	0	0	68	0	68	63
36C L	2015	WT	12/11 - 12/31	125	551	125	18.9	106	581	0	0	56	0	56	53
36C L	2016	WT	12/09 - 12/31	125	530	125	14.9	116	664	0	0	50	0	50	43
37A E	2014	AA	10/31 - 11/06	75	258	75	25.6	73	295	23	0	0	0	23	32
37A E	2015	AA	10/30 - 11/05	75	308	75	23.4	68	280	20	0	0	0	20	29
37A E	2016	AA	10/28 - 11/03	75	279	75	24.7	68	277	21	0	2	0	23	34
37A L	2014	AA	11/14 - 11/20	75	173	75	25.4	75	248	18	0	0	0	18	24
37A L	2015	AA	11/13 - 11/19	75	179	75	30.7	67	249	21	0	0	0	21	31
37A L	2016	AA	11/11 - 11/17	75	207	75	28	72	286	33	0	0	0	33	46
37A E	2012	MD	11/02 - 11/08	75	199	75	32.7	66	295	23	0	0	0	23	35
37A E	2013	MD	11/01 - 11/07	75	304	75	24	68	245	22	0	0	0	22	32
37A L	2012	MD	11/16 - 11/22	75	87	75	49.4	65	229	20	0	0	0	20	31
37A L	2013	MD	11/15 - 11/21	75	111	75	36.9	68	286	28	0	0	0	28	41
37B E	2012	AA	11/02 - 11/08	450	818	450	49.5	423	1746	81	0	0	0	81	19
37B E	2013	AA	11/01 - 11/07	500	929	500	45.3	456	1856	104	0	0	0	104	23
37B E	2014	AA	10/31 - 11/06	500	884	500	51.5	472	1902	101	0	0	0	101	21
37B E	2015	AA	10/30 - 11/05	500	785	500	54.5	488	1939	108	0	6	0	114	23
37B E	2016	AA	10/28 - 11/03	500	799	500	50.7	429	1855	86	0	0	0	86	20
37B L	2012	AA	11/16 - 11/22	450	388	450	69.8	422	1726	79	0	0	0	79	19
37B L	2013	AA	11/15 - 11/21	500	371	500	76	468	2057	72	0	0	0	72	15
37B L	2014	AA	11/14 - 11/20	500	436	500	64.2	476	2095	87	0	0	0	87	18
37B L	2015	AA	11/13 - 11/19	500	523	500	66.7	472	1938	79	0	3	0	82	17
37B L	2016	AA	11/11 - 11/17	500	443	499	72.5	466	1978	132	0	0	0	132	28
39/40	2015	AA	11/06 - 11/15	425	512	425	68.2	396	2026	122	0	0	0	122	31
39/40	2016	AA	11/04 - 11/13	450	543	450	67.2	399	1794	137	0	0	0	137	34
39/40 E	2012	AA	10/26 - 11/01	150	350	150	35.4	144	522	22	0	0	0	22	15
39/40 E	2013	AA	10/25 - 10/31	150	340	150	40	142	595	30	0	0	0	30	21
39/40 E	2014	AA	10/24 - 10/30	175	351	175	45	159	719	29	0	0	0	29	18
39/40 L	2012	AA	11/02 - 11/08	200	117	200	70.1	155	679	21	0	0	0	21	14
39/40 L	2013	AA	11/01 - 11/07	200	123	200	61	190	766	27	0	0	0	27	14
39/40 L	2014	AA	10/31 - 11/06	225	110	225	78.2	213	826	37	0	0	0	37	17
41	2012	AA	11/02 - 11/11	500	746	500	59.4	450	1978	72	0	0	0	72	16
41	2013	AA	11/01 - 11/10	500	710	500	61.5	448	2040	123	0	0	0	123	27
41	2014	AA	10/31 - 11/09	550	759	550	64.2	502	2239	143	0	0	0	143	28
41	2015	AA	11/06 - 11/15	550	894	547	55	502	2171	150	0	6	0	156	31
41	2016	AA	11/04 - 11/13	550	988	550	50	504	2241	215	0	0	0	215	43
42	2012	AA	11/02 - 11/11	250	320	249	57.5	216	873	21	0	0	0	21	10
42	2013	AA	11/01 - 11/10	250	370	250	53.8	241	1163	34	0	0	0	34	14
42	2014	AA	10/31 - 11/09	250	269	250	68.4	231	1093	38	0	0	0	38	16
42	2015	AA	11/06 - 11/15	275	305	275	66.6	255	1188	65	0	0	0	65	25
42	2016	AA	11/04 - 11/13	275	309	275	70.2	256	1228	80	0	0	0	80	31
43/44	2012	AA	11/02 - 11/11	500	618	500	64.9	446	2572	44	0	0	0	44	10
43/44	2013	AA	11/01 - 11/10	500	596	500	70.3	457	2386	68	0	0	0	68	15

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## Deer Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>GENERAL</b>															
43/44	2014	AA	10/31 - 11/09	500	627	500	69.9	459	2331	100	0	0	0	100	22
43/44	2015	AA	11/06 - 11/15	500	623	500	65.8	453	2125	147	0	0	0	147	32
43/44	2016	AA	11/04 - 11/13	450	654	450	60.9	393	1942	127	0	0	0	127	32
45	2012	AA	11/02 - 11/11	275	325	275	69.8	243	1153	49	0	0	0	49	20
45	2013	AA	11/01 - 11/10	275	352	275	70.5	224	1090	38	0	0	0	38	17
45	2014	AA	/31 - 11/09	275	324	275	71	236	1058	88	0	0	0	88	37
45	2015	AA	11/06 - 11/15	275	330	275	63.9	245	1205	69	0	0	0	69	28
45	2016	AA	11/04 - 11/13	275	317	275	70	251	1282	79	0	0	0	79	31
FTHU	2015		11/20 - 11/29	12	15	12	66.7	10	58	3	0	0	0	3	30
FTHU	2016		11/18 - 12/31	100	50	90	100	76	356	0	4	32	0	36	47
FTHU	2016		12/16 - 12/31	80	84	80	86.9	78	441	0	0	48	0	48	62
FTHU	2012	AM	11/16 - 11/25	10	27	10	33.3	10	63	8	0	0	0	8	80
FTHU	2012	AM	11/22 - 12/01	10	18	9	50	9	39	5	0	0	0	5	56
FTHU	2012	AW	11/16 - 11/25	55	26	55	100	52	237	4	0	8	0	12	23
FTHU	2012	AW	12/14 - 12/31	135	129	135	91.5	117	748	25	0	25	0	50	43
FTHU	2013	AW	11/22 - 12/01	55	27	55	100	49	212	0	0	24	0	24	49
FTHU	2013	AW	12/13 - 12/31	135	110	134	93.6	106	681	0	0	53	0	53	50
FTHU	2015		11/20 - 11/29	70	26	38	-	35	145	0	0	14	0	14	40
FTHU	2015		12/11 - 12/31	130	88	117	-	104	670	0	0	54	0	54	52
<b>YOUTH ONLY-GENERAL</b>															
3A/3C	2012	AA	11/09 - 11/15	25	315	25	7.3	25	59	16	0	0	0	16	64
5	2015	AA	10/23 - 10/29	94	240	94	30.4	79	267	39	0	0	0	39	49
5	2015	AA	10/23 - 10/29	6	3	6	100	6	20	4	0	0	0	4	67
6B	2016	AA	10/07 - 10/13	75	189	75	34.9	73	203	58	0	0	0	58	79
7	2012	AA	10/12 - 10/18	150	227	150	45.4	146	379	93	0	0	0	93	64
7	2013	AA	10/11 - 10/17	151	405	151	31.9	142	400	84	0	0	0	84	59
7	2014	AA	10/10 - 10/16	150	369	150	36.3	144	466	105	0	0	0	105	73
10	2012	AA	10/12 - 10/21	75	94	75	52.1	70	297	27	0	0	0	27	39
10	2013	AA	10/04 - 10/13	51	109	51	34.9	46	242	23	0	0	0	23	50
10	2014	AA	10/03 - 10/12	40	141	40	24.8	37	117	17	0	0	0	17	46
10	2015	AA	10/02 - 10/11	40	184	40	20.1	40	168	12	0	0	0	12	30
10	2016	AA	10/07 - 10/16	40	148	40	23	38	173	18	0	0	0	18	47
12AW	2012	ALS	10/12 - 10/15	100	290	99	32.4	96	223	0	79	0	0	79	82
12AW	2013	ALS	10/11 - 10/14	151	276	151	47.1	149	284	0	133	0	0	133	89
12AW	2013	ALS	11/08 - 11/11	101	89	101	56.2	95	208	0	60	0	0	60	63
12AW	2014	ALS	10/10 - 10/13	250	373	250	53.4	237	438	0	213	0	0	213	90
12AW	2014	ALS	11/07 - 11/10	100	108	100	61.1	95	187	0	79	0	0	79	83
12AW	2015	ALS	10/09 - 10/12	400	596	400	56.5	376	771	0	315	0	0	315	84
12AW	2016	ALS	10/07 - 10/10	400	658	400	54.4	361	667	0	331	0	0	331	92
12AW	2016	ALS	11/11 - 11/14	175	145	175	62.1	163	348	0	126	0	0	126	77
17A/17B	2012	AA	10/12 - 10/21	100	148	100	52	97	454	36	0	0	0	36	37
17A/17B	2013	AA	10/04 - 10/13	101	163	101	52.1	95	328	67	0	0	0	67	71
17B/19A/19B/20A	2014	AA	10/03 - 10/12	200	562	200	31.9	186	621	124	0	0	0	124	67
17B/19A/19B/20A	2015	AA	10/02 - 10/11	200	536	200	33.6	189	595	132	0	0	0	132	70
17B/19A/19B/20A	2016	AA	10/07 - 10/16	200	503	200	33.6	186	638	140	0	0	0	140	75
18B	2012	AA	11/23 - 12/02	75	145	75	40	72	251	33	0	0	0	33	46
18B	2013	AA	11/22 - 12/01	76	130	76	49.2	65	219	22	0	0	0	22	34
18B	2014	AA	11/21 - 11/30	75	135	75	41.5	72	244	35	0	0	0	35	49
18B	2015	AA	11/20 - 11/29	65	144	65	34	65	276	22	0	0	0	22	34
18B	2016	AA	11/18 - 11/27	65	138	65	37	65	249	25	0	0	0	25	38
20A	2012	AA	10/12 - 10/21	100	122	100	63.9	98	343	32	0	0	0	32	33
20A	2013	AA	10/04 - 10/13	101	115	101	60	94	308	51	0	0	0	51	54
20B	2016	AA	10/07 - 10/13	50	10	50	100	41	109	18	0	0	0	18	44
20B/21	2012	AA	10/12 - 10/18	50	169	50	27.8	43	125	18	0	0	0	18	42
20B/21	2013	AA	10/11 - 10/17	51	151	51	33.8	48	128	23	0	9	0	32	67
20B/21	2014	AA	10/10 - 10/16	50	133	50	27.8	46	152	24	0	4	0	28	61
20B/21	2015	AA	10/09 - 10/16	50	119	50	34.5	50	141	32	0	0	0	32	64
20C	2012	AA	11/23 - 12/02	150	95	150	95.8	133	423	30	0	0	0	30	23
20C	2013	AA	11/22 - 12/01	151	73	151	97.3	140	566	34	0	2	0	36	26
20C	2014	AA	11/21 - 11/30	200	71	200	97.2	193	775	68	0	0	0	68	35
20C	2015	AA	11/20 - 11/29	250	37	250	100	219	921	48	0	0	0	48	22
20C	2015	AA	12/18 - 12/31	50	303	50	14.2	50	197	37	0	0	0	37	74
20C	2016	AA	11/18 - 11/27	300	48	300	100	253	868	83	0	0	0	83	33
20C	2016	AA	12/16 - 12/31	50	326	50	14.1	41	221	35	0	0	0	35	85
21	2016	AA	10/07 - 10/13	50	91	50	31.9	41	126	21	0	9	0	30	73
22	2012	AA	10/12 - 10/18	100	215	100	32.6	97	277	49	0	4	0	53	55
22	2013	AA	10/11 - 10/17	101	305	101	30.8	101	314	19	0	29	0	48	48
22	2014	AA	10/10 - 10/16	100	293	100	29.7	97	286	19	0	53	0	72	74

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>YOUTH ONLY – GENERAL</b>															
22	2015	AA	10/09 - 10/15	100	339	100	26.3	96	298	44	0	0	0	44	46
22	2016	AA	10/07 - 10/13	100	332	100	26.2	91	287	9	0	48	0	57	63
23	2012	AA	10/12 - 10/18	175	442	175	29.2	153	503	64	0	5	0	69	45
23	2013	AA	10/11 - 10/17	176	409	176	35.9	169	530	60	0	22	0	82	49
23	2014	AA	10/10 - 10/16	175	522	175	26.8	164	495	82	0	5	0	87	53
23	2015	AA	10/09 - 10/15	175	562	175	25.4	170	592	100	0	0	0	100	59
23	2016	AA	10/07 - 10/13	175	523	175	29.3	151	685	74	0	21	0	95	63
27	2012	AA	10/12 - 10/18	150	373	150	33.2	147	447	88	0	0	0	88	60
27	2013	AA	10/11 - 10/17	126	405	126	29.6	123	288	84	0	7	0	91	74
27	2014	AA	10/10 - 10/16	100	580	100	16	98	276	59	0	5	0	64	65
27	2015	AA	10/09 - 10/15	75	524	75	12.6	73	214	62	0	0	0	62	85
27	2016	AA	10/07 - 10/13	75	513	75	13.6	71	221	61	0	0	0	61	86
28/29/30/31/32	2012	AA	10/12 - 10/18	150	430	150	31.9	147	425	75	0	3	0	78	53
28/29/30/31/32	2013	AA	10/11 - 10/17	151	462	151	27.5	148	477	63	0	21	0	84	57
28/29/30/31/32	2014	AA	10/10 - 10/16	150	512	150	24.8	139	383	56	0	40	0	96	69
28/29/30/31/32	2015	AA	10/07 - 10/13	200	569	200	28.8	188	536	112	0	44	0	156	83
28/29/30/31/32	2016	AA	10/09 - 10/15	150	566	150	22.6	138	369	93	0	0	0	93	67
33	2012	AA	10/12 - 10/18	150	298	150	43	145	429	49	0	20	0	69	48
33	2012	AA	11/23 - 11/29	175	128	175	76.6	170	532	66	0	8	0	74	44
33	2013	AA	10/11 - 10/17	151	371	151	36.7	146	396	32	0	62	0	94	64
33	2013	AA	11/22 - 11/28	176	174	176	53.4	162	566	12	0	50	0	62	38
33	2014	AA	10/10 - 10/16	150	436	150	31	147	393	13	0	61	0	74	50
33	2014	AA	11/21 - 11/27	150	155	150	56.8	147	500	3	0	47	0	50	34
33	2015	AA	10/09 - 10/15	150	341	150	35.8	141	369	90	0	0	0	90	64
33	2015	AA	11/20 - 11/26	150	140	150	54.3	141	428	57	0	0	0	57	40
33	2016	AA	10/07 - 10/13	150	341	150	38.1	137	490	27	0	62	0	89	65
33	2016	AA	11/18 - 11/24	175	156	175	62.8	161	473	11	0	66	0	77	48
34A	2016	AA	10/07 - 10/13	75	125	74	48	68	238	10	0	29	0	39	57
36A	2012	AA	10/12 - 10/18	50	116	50	37.1	40	107	19	0	0	0	19	48
36A	2012	AA	11/23 - 11/29	150	51	150	86.3	146	425	36	0	4	0	40	27
36A	2013	AA	10/11 - 10/17	51	129	51	31	51	129	19	0	12	0	31	61
36A	2013	AA	11/22 - 11/28	151	63	151	90.5	146	456	51	0	0	0	51	35
36A	2014	AA	11/21 - 11/27	200	139	200	97.8	190	648	41	0	45	0	86	45
36A	2015	AA	11/20 - 11/26	175	146	175	78.8	150	539	86	0	0	0	86	57
36A	2016	AA	11/18 - 11/24	175	144	175	82.6	160	506	29	0	53	0	82	51
36B	2012	AA	11/23 - 11/29	125	41	125	100	115	373	29	0	3	0	32	28
36B	2013	AA	11/22 - 11/28	126	41	123	100	120	411	42	0	0	0	42	35
36B	2014	AA	11/21 - 11/27	125	102	125	89.2	116	346	20	0	32	0	52	45
36B	2015	AA	11/20 - 11/26	125	141	125	67.4	111	323	54	0	0	0	54	49
36B	2016	AA	11/18 - 11/24	125	104	125	92.3	108	337	37	0	27	0	64	59
41	2016	ALS	11/18 - 11/27	30	30	30	83.3	26	49	0	27	0	0	27	104
42	2012	AA	11/23 - 12/02	75	59	75	91.5	67	217	16	0	0	0	16	24
42	2013	AA	11/22 - 12/01	76	49	76	100	63	298	19	0	0	0	19	30
42	2014	AA	11/21 - 11/30	75	57	75	93	73	380	15	0	0	0	15	21
42	2015	AA	11/20 - 11/29	75	39	75	92.3	65	305	25	0	0	0	25	38
42	2016	AA	11/18 - 11/27	75	39	75	87.2	63	242	35	0	0	0	35	56
FTHU	2016		11/11 - 11/27	20	11	12	100	8	80	0	0	4	0	4	50
FTHU	2012	AA	11/09 - 11/25	15	14	15	100	15	72	6	0	2	0	8	53
FTHU	2013	AA	11/15 - 12/01	15	14	15	100	14	61	1	0	5	0	6	43
FTHU	2015	AA	11/13 - 11/29	11	12	13	91.7	0	0	0	0	0	0	0	-
<b>MUZZLELOADER</b>															
3B	2012	AA	10/26 - 11/04	100	131	100	48.1	96	500	17	0	0	0	17	18
3B	2013	AA	10/25 - 11/03	100	141	100	44.7	98	504	19	0	0	0	19	19
3B	2014	AA	10/24 - 11/02	100	129	100	39.5	90	500	15	0	0	0	15	17
3B	2015	AA	10/23 - 11/01	100	111	100	55.9	90	445	16	0	0	0	16	18
3B	2016	AA	10/21 - 10/30	100	137	100	45.3	90	504	21	0	0	0	21	23
5	2014	AA	12/12 - 12/31	14	210	14	4.8	14	68	5	0	0	0	5	36
5 (Hopi)	2014	AA	12/12 - 12/31	1	2	1	0	0	0	0	0	0	0	0	-
6B	2012	AA	11/09 - 11/15	275	191	275	93.7	255	1131	55	0	4	0	59	23
6B	2013	AA	10/25 - 10/31	275	199	275	88.9	266	1145	76	0	0	0	76	29
6B	2014	AA	10/24 - 10/30	275	234	275	83.3	261	1098	53	0	8	0	61	23
6B	2015	AA	10/23 - 10/29	275	216	275	75	247	1117	58	0	6	0	64	26
6B	2016	AA	10/21 - 10/27	275	255	275	83.1	253	1232	74	0	0	0	74	29
8	2015	AA	12/11 - 12/31	15	344	15	4.1	13	85	8	0	0	0	8	62
9	2014	AA	11/07 - 11/13	25	26	25	61.5	20	96	7	0	0	0	7	35
9	2015	AA	11/06 - 11/12	25	45	25	20	19	73	2	0	0	0	2	11
9	2016	AA	11/04 - 11/10	25	17	25	76.5	19	75	0	0	0	0	0	0

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

# Deer Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT-Buck	WT-Aless	Total	
<b>MUZZLELOADER</b>															
12AE	2012	AA	10/26 - 11/04	50	337	50	9.5	50	277	21	0	0	0	21	42
12AE	2014	AA	11/07 - 11/13	30	158	30	10.1	26	147	14	0	0	0	14	54
12AE	2015	AA	11/06 - 11/12	50	135	50	20	50	229	29	0	0	0	29	58
12AE	2016	AA	11/04 - 11/10	50	174	50	14.4	44	221	23	0	0	0	23	52
12BW	2013	AA	11/08 - 11/14	50	196	30	9.7	27	95	19	0	0	0	19	70
12BW	2014	AA	11/07 - 11/13	20	104	20	11.5	19	105	15	0	0	0	15	79
12BW	2015	AA	11/06 - 11/12	25	183	25	8.7	25	111	20	0	0	0	20	80
12BW	2016	AA	11/04 - 11/10	15	147	15	6.1	14	66	14	0	0	0	14	100
15	2012	AA	10/26 - 11/01	200	131	200	100	186	936	59	0	0	0	59	32
15	2013	AA	10/25 - 11/03	200	150	200	97.3	178	923	54	0	0	0	54	30
15	2014	AA	10/24 - 11/02	200	125	200	96	178	918	43	0	0	0	43	24
15	2015	AA	10/23 - 11/01	200	137	200	96.4	194	909	65	0	0	0	65	34
15	2016	AA	10/21 - 10/30	200	119	200	100	184	930	49	0	0	0	49	27
15	2016	AA	11/04 - 11/10	50	50	50	64	33	167	8	0	0	0	8	24
20B	2012	AA	10/26 - 11/01	150	35	150	100	131	482	19	0	0	0	19	15
20B	2013	AA	10/25 - 10/31	150	40	149	100	121	440	14	0	0	0	14	12
20B	2014	AA	10/24 - 10/30	110	11	110	100	94	338	8	0	0	0	8	9
20B	2015	AA	10/23 - 10/29	110	25	110	100	98	379	14	0	0	0	14	14
20B	2016	AA	10/21 - 10/27	110	17	110	100	86	314	16	0	0	0	16	19
33	2012	AA	11/16 - 11/22	200	26	200	100	173	617	11	0	8	0	19	11
33	2013	AA	11/15 - 11/21	200	48	198	100	163	587	4	0	14	0	18	11
33	2014	AA	11/14 - 11/20	200	40	200	100	167	638	14	0	14	0	28	17
33	2015	AA	11/13 - 11/19	200	27	200	100	173	582	4	0	29	0	33	19
33	2016	AA	11/11 - 11/17	200	28	200	100	172	632	21	0	0	0	21	12
34A	2012	AA	11/16 - 11/22	75	40	75	90	70	300	9	0	0	0	9	13
34A	2013	AA	11/15 - 11/21	25	39	25	35.9	25	114	6	0	3	0	9	36
34A	2014	AA	11/14 - 11/20	25	41	25	39	23	93	11	0	0	0	11	48
34A	2015	AA	11/13 - 11/19	25	35	25	20	25	108	5	0	3	0	8	32
34A	2016	AA	11/11 - 11/17	25	37	25	37.8	20	86	9	0	0	0	9	45
35	2014	AA	10/31 - 11/06	80	29	80	86.2	76	400	4	0	0	0	4	5
35	2014	AA	12/12 - 12/31	20	134	20	13.4	15	60	0	0	0	0	0	0
35	2016	AA	10/28 - 11/03	40	31	40	51.6	38	179	4	0	0	0	4	11
35	2016	AA	12/09 - 12/31	10	114	10	7	5	38	3	0	0	0	3	60
35 E	2012	AA	11/02 - 11/08	50	22	50	86.4	44	200	4	0	2	0	6	14
35 E	2013	AA	11/01 - 11/07	80	33	80	72.7	67	276	12	0	0	0	12	18
35 E	2015	AA	10/30 - 11/05	20	21	40	66.7	35	169	9	0	3	0	12	34
35 L	2012	AA	12/14 - 12/31	50	162	50	21	50	268	32	0	2	0	34	68
35 L	2013	AA	12/13 - 12/31	20	193	20	8.8	20	173	10	0	0	0	10	50
35 L	2015	AA	12/11 - 12/31	10	125	10	6.4	10	98	2	0	3	0	5	50
36A	2016	WT	10/07 - 10/13	75	21	75	95.2	52	188	0	0	33	0	33	63
39/40/41/42	2012	AA	12/14 - 12/31	50	402	50	9.7	48	338	12	0	0	0	12	25
39/40/41/42	2013	AA	12/13 - 12/31	50	374	50	9.9	46	363	23	0	0	0	23	50
39/40/41/42	2014	AA	12/12 - 12/31	50	398	50	9.3	45	305	26	0	0	0	26	58
39/40/41/42	2015	AA	12/11 - 12/31	50	417	50	8.9	50	388	13	0	0	0	13	26
39/40/41/42	2016	AA	12/09 - 12/31	50	393	50	10.7	47	370	13	0	0	0	13	28
FTHU	2015		12/11 - 12/31	8	8	8	75	8	60	2	0	0	0	2	25
FTHU	2016		10/21 - 12/31	10	7	7	85.7	5	33	5	0	0	0	5	100
FTHU	2016		10/21 - 10/30	10	11	13	90.9	13	66	0	0	6	0	6	46
FTHU	2012	AA	12/14 - 12/31	13	14	13	85.7	13	83	3	0	0	0	3	23
FTHU	2012	AA	11/16 - 11/25	7	3	7	100	5	19	0	0	0	0	0	0
FTHU	2013	AA	12/13 - 12/31	13	14	13	92.9	11	78	4	0	2	0	6	55
FTHU	2013	AA	11/22 - 12/01	7	1	7	100	7	37	2	0	5	0	7	100
15	2012	AA	11/23 - 12/02	20	22	19	13.6	19	95	10	0	0	0	10	53
15	2013	AA	11/22 - 12/01	21	11	21	90.9	21	72	9	0	0	0	9	43
15	2014	AA	11/21 - 11/30	20	7	20	42.9	13	44	7	0	0	0	7	54
15	2015	AA	11/20 - 11/29	20	9	20	88.9	20	88	8	0	0	0	8	40
15	2016	AA	11/18 - 11/27	20	21	20	66.7	20	104	12	0	0	0	12	60
16A	2012	AA	12/21 - 12/31	25	56	26	39.3	26	121	17	0	0	0	17	65
16A	2013	AA	12/20 - 12/31	26	83	26	28.9	23	133	13	0	0	0	13	57
16A	2014	AA	12/19 - 12/31	25	64	25	29.7	21	125	7	0	0	0	7	33
16A	2015	AA	12/18 - 12/31	25	54	25	35.2	22	128	13	0	0	0	13	59
16A	2016	AA	12/16 - 12/31	25	41	25	39	25	81	19	0	0	0	19	76
16A	2015	AA	12/18-12/31	25	54	25	35.2	22	128	13	0	0	0	13	59

AA = Any Antlered Deer, MD = Mule Deer, WT = Whitetail Deer, ALS = Antlerless, CN = Camp Navajo, FTHU = Fort Huachuca, C = CHAMP Hunt; in the unit column, E = early or 1st season, M = 2nd season, T = 3rd season, and L = late or 4th season.

## Deer Harvest Data

### 5-Year: 2012-2016 Harvest

Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunters Days	Harvest					Hunt Success
										MD-Buck	MD-Aless	WT- Buck	WT-Aless	Total	
<b>ARCHERY</b>															
3A/3C	2012	AA	8/24 - 9/13	200	133	200	91	186	1255	26	0	0	0	26	14
3A/3C	2013	AA	8/23 - 9/12	200	230	200	63	182	1261	29	0	0	0	29	16
3A/3C	2014	AA	8/22 - 9/11	150	254	151	40.2	140	914	27	0	0	0	27	19
3A/3C	2015	AA	8/21 - 9/10	100	337	100	20.2	94	632	29	0	0	0	29	31
3A/3C	2016	AA	8/19 - 9/08	75	344	74	15.1	57	414	17	0	0	0	17	30
11M	2016	AA	8/19 - 9/08	80	103	80	49.5	53	451	10	0	0	0	10	19
12	2014	AA	8/22 - 9/11	800	913	800	65.1	725	4717	218	0	0	0	218	30
12	2016	AA	8/19 - 9/08	475	1131	473	31.7	427	2957	150	0	0	0	150	35
12A/12B	2012	AA	8/24 - 9/13	700	849	704	60	623	4557	103	0	0	0	103	17
12A/12B	2013	AA	8/23 - 9/12	700	779	700	63.4	645	4498	157	0	0	0	157	24
12A/12B	2015	AA	8/21 - 9/10	550	1025	550	39.3	531	3778	191	0	0	0	191	36
13A	2012	AA	8/24 - 9/13	30	232	30	7.8	26	190	14	0	0	0	14	54
13A	2013	AA	8/23 - 9/12	30	193	30	9.3	28	338	10	0	0	0	10	36
13A	2014	AA	8/22 - 9/11	30	194	30	7.7	28	252	16	0	2	0	18	64
13A	2015	AA	8/21 - 9/10	30	309	30	4.9	30	353	11	0	0	0	11	37
13A	2016	AA	8/19 - 9/08	25	174	24	5.2	22	206	14	0	0	0	14	64
13B	2012	AA	8/24 - 9/13	25	345	25	6.1	25	310	10	0	0	0	10	40
13B	2013	AA	8/23 - 9/12	25	330	25	6.1	23	252	10	0	0	0	10	43
13B	2014	AA	8/22 - 9/11	25	395	25	4.1	23	152	16	0	0	0	16	70
13B	2015	AA	8/21 - 9/10	25	518	25	4.1	25	248	15	0	0	0	15	60
13B	2016	AA	8/19 - 9/08	25	636	24	3.3	24	248	18	0	0	0	18	75

### 5-Year: 2012-2016 Archery Deer Harvest (Over-the-Counter hunts only) 2015 data not available

Unit	Year	Hunters	Hunter Days	DEER HARVEST				Total	Percent Success
				Mule Deer		Whitetail			
				Buck	Antlerless	Buck	Antlerless		
1	2012	538	2516	35	0	0	0	35	7
1	2013	384	2192	16	0	0	0	16	4
1	2014	466	2306	12	0	0	0	12	3
1	2016	321	1944	16	0	0	0	16	5
2	2012	50	186	5	0	0	0	5	10
2	2013	38	141	0	0	0	0	0	0
2	2014	37	159	6	0	0	0	6	16
2	2016	39	204	0	0	0	0	0	0
03A/03C	2014	140	914	27	0	0	0	27	19
03A/03C	2016	57	414	17	0	0	0	17	30
03B	2012	247	1273	0	0	0	0	0	0
03B	2013	162	909	5	0	0	0	5	3
03B	2014	178	791	12	0	0	0	12	7
03B	2016	102	596	8	0	0	0	8	8
03C	2014	25	147	6	0	0	0	6	24
4	2012	438	1953	5	0	0	0	5	1
4	2013	395	1894	0	0	0	0	0	0
4	2014	325	1496	6	0	0	0	6	2
4	2016	165	956	0	0	0	0	0	0
5	2012	850	4126	15	0	10	0	25	3
5	2013	471	2116	16	0	0	0	16	3
5	2014	441	2042	12	0	6	0	18	4
5	2016	400	2093	8	0	0	0	8	2
06A	2012	1485	7060	10	0	10	0	20	1
06A	2013	893	5065	11	0	11	0	22	2
06A	2014	742	3673	0	0	6	0	6	1
06A	2016	627	2876	16	0	16	0	32	5
06B	2012	473	2184	15	0	0	0	15	3
06B	2013	357	2073	11	0	22	0	33	9
06B	2014	337	1502	12	0	0	0	12	4
06B	2016	353	1826	71	0	0	0	71	20
06B South	2014	31	141	0	0	0	0	0	0
7	2012	1167	5621	35	0	0	0	35	3
7	2013	801	4232	70	0	0	0	70	9
7	2014	932	4795	74	0	0	0	74	8
7	2016	698	3833	47	0	0	0	47	7
8	2012	835	4106	15	0	0	0	15	2
8	2013	660	3447	5	0	0	0	5	1
8	2014	583	3244	55	0	0	0	55	9
8	2016	408	2187	8	0	0	0	8	2

## Deer Harvest Data

*5-Year: 2012-2016 Archery Deer Harvest (Over-the-Counter hunts only) 2015 data not available*

Unit	Year	Hunters	Hunter Days	DEER HARVEST				Total	Percent Success
				Mule Deer		Whitetail			
				Buck	Antlerless	Buck	Antlerless		
9	2012	136	599	0	0	0	0	0	0
9	2013	168	942	5	0	0	0	5	3
9	2014	147	717	18	0	0	0	18	12
9	2016	133	839	24	0	0	0	24	18
10	2012	639	3085	10	0	0	0	10	2
10	2013	579	3182	27	0	0	0	27	5
10	2014	809	3839	31	0	0	0	31	4
10	2016	470	3472	31	0	0	0	31	7
11M	2012	674	3538	45	0	5	0	50	7
11M	2013	482	2581	65	0	0	0	65	13
11M	2014	521	3164	67	0	0	0	67	13
11M	2016	53	451	10	0	0	0	10	19
11M	2016	24	86	0	0	0	0	0	0
12	2014	725	4717	218	0	0	0	218	30
13A	2014	28	252	16	0	2	0	18	64
13B	2014	23	152	16	0	0	0	16	70
15A/15B	2012	131	810	15	0	0	0	15	11
15A/15B	2013	249	1916	32	0	0	0	32	13
15AB	2014	276	1950	31	0	0	0	31	11
15AB	2016	157	1199	31	0	0	0	31	20
15C/15D	2012	10	75	0	0	0	0	0	0
15CD	2014	12	61	0	0	0	0	0	0
15CD	2016	31	78	8	0	0	0	8	26
16A	2012	176	745	15	0	0	0	15	9
16A	2013	200	915	22	0	0	0	22	11
16A	2014	159	687	18	0	0	0	18	11
16A	2016	125	682	0	0	0	0	0	0
17A	2012	292	1404	40	0	0	0	40	14
17A	2013	325	1954	16	0	0	0	16	5
17A	2014	386	2870	37	0	0	0	37	10
17A	2016	86	839	8	0	0	0	8	9
17B	2012	367	1993	15	0	0	0	15	4
17B	2013	574	3864	60	0	0	0	60	10
17B	2014	656	4709	49	0	0	0	49	7
17B	2016	447	3104	63	0	0	0	63	14
18A	2012	262	1178	0	0	0	0	0	0
18A	2013	319	1894	32	0	0	0	32	10
18A	2014	392	2385	6	0	0	0	6	2
18A	2016	259	1599	39	0	0	0	39	15
18B	2012	267	1610	15	0	0	0	15	6
18B	2013	319	1818	11	0	0	0	11	3
18B	2014	343	1925	18	0	0	0	18	5
18B	2016	251	1238	8	0	0	0	8	3
19A	2012	513	2642	20	0	0	0	20	4
19A	2013	639	3929	54	0	5	0	59	9
19A	2014	693	3918	43	0	6	0	49	7
19A	2016	619	3574	78	0	0	0	78	13
19B	2012	216	1384	15	0	0	0	15	7
19B	2013	254	1921	16	0	0	0	16	6
19B	2014	294	1889	25	0	0	0	25	9
19B	2016	157	1035	8	0	0	0	8	5
20A	2012	584	2727	0	0	0	0	0	0
20A	2013	676	3886	87	0	0	0	87	13
20A	2014	644	3606	55	0	0	0	55	9
20A	2016	455	3057	55	0	0	0	55	12
20B	2012	337	1600	5	0	0	0	5	1
20B	2013	384	1927	16	0	0	0	16	4
20B	2014	417	1913	12	0	0	0	12	3
20B	2016	361	1599	8	0	0	0	8	2
20C	2012	231	1283	10	0	0	0	10	4
20C	2013	276	1694	11	0	0	0	11	4
20C	2014	368	2146	37	0	0	0	37	10
20C	2016	384	2265	16	0	0	0	16	4
21	2012	1052	4927	20	0	5	0	25	2
21	2013	1499	8875	38	0	11	0	49	3
21	2014	1423	7671	37	0	37	0	74	5
21	2016	682	3151	0	0	31	0	31	5
22	2012	1117	5173	5	0	40	0	45	4
22	2013	1261	7117	11	0	87	0	98	8

## Deer Harvest Data

*5-Year: 2012-2016 Archery Deer Harvest (Over-the-Counter hunts only) 2015 data not available*

Unit	Year	Hunters	Hunter Days	DEER HARVEST				Total	Percent Success
				Mule Deer		Whitetail			
				Buck	Antlerless	Buck	Antlerless		
22	2014	1190	6733	12	0	49	0	61	5
22	2016	1097	5667	8	0	63	0	71	6
22N	2014	6	37	0	0	6	0	6	100
22S	2014	6	18	0	0	0	0	0	0
23	2012	1253	6255	25	0	25	0	50	4
23	2013	1288	6121	38	0	43	0	81	6
23	2014	1349	7205	31	0	43	0	74	5
23	2016	1011	6286	102	0	63	0	165	16
24A	2012	528	2949	5	0	25	0	30	6
24A	2013	676	4140	22	0	27	0	49	7
24A	2014	662	3796	0	0	43	0	43	6
24A	2016	368	2014	8	0	16	0	24	7
24B	2012	679	3492	20	0	0	0	20	3
24B	2013	931	5515	5	0	11	0	16	2
24B	2014	742	4807	37	0	25	0	62	8
24B	2016	541	3394	31	0	8	0	39	7
25M	2013	103	520	11	0	0	0	11	11
25M	2014	147	583	12	0	0	0	12	8
25M	2016	102	831	31	0	0	0	31	30
26M	2012	171	1097	0	0	0	0	0	0
26M	2013	108	871	11	0	0	0	11	10
26M	2014	202	1269	18	0	0	0	18	9
26M	2016	133	690	31	0	0	0	31	23
27	2012	906	4433	35	0	15	0	50	6
27	2013	768	5076	32	0	22	0	54	7
27	2014	865	5096	49	0	37	0	86	10
27	2016	713	4397	78	0	31	0	109	15
28	2012	196	1022	0	0	0	0	0	0
28	2013	271	1661	5	0	0	0	5	2
28	2014	172	773	0	0	0	0	0	0
28	2016	110	502	24	0	0	0	24	22
29	2012	247	1595	10	0	25	0	35	14
29	2013	227	1429	16	0	27	0	43	19
29	2014	184	1012	6	0	43	0	49	27
29	2016	243	1089	8	0	55	0	63	26
30A	2012	166	956	10	0	10	0	20	12
30A	2013	211	1607	0	0	27	0	27	13
30A	2014	270	1711	18	0	6	0	24	9
30A	2016	259	1474	16	0	8	0	24	9
30B	2012	267	1550	35	0	15	0	50	19
30B	2013	487	3572	38	0	16	0	54	11
30B	2014	441	3336	25	0	12	0	37	8
30B	2016	321	2571	39	0	24	0	63	20
31	2012	352	1942	5	0	10	0	15	4
31	2013	336	1786	11	0	0	0	11	3
31	2014	429	2624	12	0	25	0	37	9
31	2016	235	1160	24	0	8	0	32	14
32	2012	347	1620	10	0	5	0	15	4
32	2013	487	2506	0	0	22	0	22	5
32	2014	441	2949	12	0	0	0	12	3
32	2016	259	1505	0	0	8	0	8	3
33	2012	1107	6466	0	0	50	0	50	5
33	2013	1753	11127	16	0	70	0	86	5
33	2014	1410	9173	31	0	74	0	105	7
33	2016	862	5424	16	0	55	0	71	8
34A	2012	629	3548	0	0	35	0	35	6
34A	2013	936	6186	27	0	32	0	59	6
34A	2014	926	5721	25	0	80	0	105	11
34A	2016	666	4154	24	0	63	0	87	13
34B	2012	186	866	0	0	15	0	15	8
34B	2013	319	2224	0	0	16	0	16	5
34B	2014	288	2753	12	0	12	0	24	8
34B	2016	172	1089	8	0	16	0	24	14
35A	2012	307	2053	5	0	15	0	20	7
35A	2013	552	4654	5	0	22	0	27	5
35A	2014	435	3808	12	0	55	0	67	15
35A	2016	353	2469	0	0	24	0	24	7
35B	2012	171	946	0	0	5	0	5	3
35B	2013	189	1407	0	0	16	0	16	8
35B	2014	178	816	0	0	25	0	25	14

## Deer Harvest Data

*5-Year: 2012-2016 Archery Deer Harvest (Over-the-Counter hunts only) 2015 data not available*

Unit	Year	Hunters	Hunter Days	DEER HARVEST				Total	Percent Success
				Mule Deer		Whitetail			
				Buck	Antlerless	Buck	Antlerless		
35B	2016	243	1646	0	0	39	0	39	16
36A	2012	589	3613	25	0	20	0	45	8
36A	2013	909	6115	38	0	11	0	49	5
36A	2014	987	6224	48	0	14	0	62	6
36A	2016	698	4452	16	0	0	0	16	2
36B	2012	387	1822	15	0	5	0	20	5
36B	2013	639	3669	22	0	5	0	27	4
36B	2014	625	3501	43	0	12	0	55	9
36B	2016	525	3143	24	0	16	0	40	8
36C	2012	196	926	5	0	0	0	5	3
36C	2013	373	2029	5	0	5	0	10	3
36C	2014	386	1981	12	0	6	0	18	5
36C	2016	196	1254	0	0	16	0	16	8
37A	2012	262	1474	10	0	0	0	10	4
37A	2013	547	3231	22	0	0	0	22	4
37A	2014	497	2992	25	0	0	0	25	5
37A	2016	384	1858	8	0	0	0	8	2
37B	2012	689	3840	5	0	5	0	10	1
37B	2013	1142	6316	54	0	5	0	59	5
37B	2014	1165	6212	37	0	0	0	37	3
37B	2016	862	6255	31	0	0	0	31	4
38M	2012	242	1590	15	0	0	0	15	6
38M	2013	368	2874	54	0	0	0	54	15
38M	2014	392	2281	31	0	6	0	37	9
38M	2016	157	1160	16	0	8	0	24	15
39/40	2012	156	795	0	0	0	0	0	0
39/40	2013	276	1688	16	0	0	0	16	6
39/40	2014	233	1177	12	0	0	0	12	5
39/40	2016	196	1129	8	0	0	0	8	4
41	2012	211	1454	5	0	0	0	5	2
41	2013	390	2105	5	0	0	0	5	1
41	2014	435	2624	37	0	0	0	37	9
41	2016	282	2171	0	0	0	0	0	0
42	2012	156	765	5	0	0	0	5	3
42	2013	271	1304	11	0	0	0	11	4
42	2014	313	1680	18	0	0	0	18	6
42	2016	243	1560	24	0	0	0	24	10
43/44	2012	176	1152	5	0	0	0	5	3
43/44	2013	260	1900	27	0	0	0	27	10
43/44	2014	300	2220	12	0	0	0	12	4
43/44	2016	204	1489	31	0	0	0	31	15
45	2012	40	226	0	0	0	0	0	0
45	2013	76	292	0	0	0	0	0	0
45	2014	49	331	0	0	0	0	0	0
45	2016	47	204	8	0	0	0	8	17
47M	2012	10	55	0	0	0	0	0	0
47M	2012	35	201	0	0	0	0	0	0
47M	2012	5	60	0	0	0	0	0	0
45	2012	40	226	0	0	0	0	0	0
45	2013	76	292	0	0	0	0	0	0
45	2014	49	331	0	0	0	0	0	0
45	2016	47	204	8	0	0	0	8	17
47M	2012	10	55	0	0	0	0	0	0
47M	2012	35	201	0	0	0	0	0	0
47M	2012	5	60	0	0	0	0	0	0

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# Pronghorn Antelope (*Antilocapra americana*)

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## *Natural History*

Pronghorn antelope are native to the prairies of North America. At one time they numbered in the millions and were found from the Mississippi River to the Pacific Ocean, and from central Canada to Mexico. With the European settlement of the plains, the population was reduced nearly to extinction. In Arizona, antelope persisted primarily in the northern plains. They also inhabit high elevation meadows between forested areas, and scattered herds are again found in the grasslands of southeastern Arizona. The endangered Sonoran pronghorn is restricted to the extreme desert lands of southwestern Arizona and northern Sonora, Mexico.

The name pronghorn comes from the sharply pointed prong on the horn of the buck antelope. The doe's horns, if present at all, are smaller and more slender. Antelope have true horns in that the horny tissue is composed of fused hairs, which form over a bony core. Horn length reaches maximum size during the summer before the outer sheaths are shed, usually sometime in the fall.

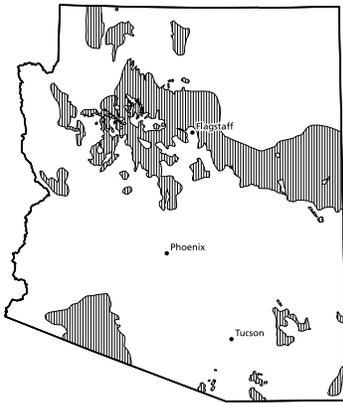
Antelope have exceptional eyesight, which is often compared to high-powered binoculars. These



GEORGE ANDREJKO

“prairie goats” are also one of the fastest mammals, being able to run in excess of 60 mph. Despite their speed, antelope are reluctant to jump over objects, preferring to crawl under or through fences rather than leap over them.

A conspicuous characteristic of the antelope is the white rump patch. When an animal is alarmed, its rump hairs stand erect and appear as a white flash that can be seen for miles. The dominant body color is an apricot tan, with sharply contrasting white markings on the belly, head, and neck. The top of the buck’s muzzle is brown or black, and below the ear he will usually have a triangular black cheek patch, which is lacking on the doe. A short mane is present along the top of the neck. Shedding is continuous, with the individual hairs being loosely attached to the skin, making the



**Antelope distribution**

hide nearly worthless. Since the hairs are hollow and can be erected at will, prong-horns are able to adjust to great extremes in temperature. Adult bucks usually weigh between 90 and 120 pounds. The does are about 20 pounds lighter. Antelope are primarily browsers, feeding mostly on weeds and short browse plants, with grass being only a minor food source. Because of Arizona’s mild winters, antelope tend to live longer than the six to eight year average life span of their northern cousins, one reason that a disproportionate number of Arizona bucks are trophy animals with horns in excess of 15 inches in length.

Antelope are gregarious and usually seen in mixed herds, except in the spring when the bucks are alone or in small bachelor groups. Later, in the summer and early fall, these same bucks will collect harems of does, which may number up to 15 animals, which they then defend from other bucks. Antelope breed in August and September, and the young are born in May and

June. A doe will typically produce one or two fawns. The young are not spotted like the fawns of the deer family, but instead have markings similar to those of adults. The fawns remain hidden, with the doe feeding them several times a day, until they are about two to three weeks old and strong enough to travel with the adults. During this time, pronghorn fawns, or “kids,” are the most vulnerable to coyotes, which may take 75 percent or more of the year’s production. Adult antelope are taken by mountain lions, as well as by coyotes.

### *Hunt History*

Once second only to deer as a game animal, Arizona’s antelope were first given a closed season in 1893. The response must have been less than satisfactory, however, as the season was completely closed in 1905. By 1922, the state’s antelope population was estimated to be less than 1,000 animals.

Then, for reasons that still are not fully understood, pronghorn antelope began to make a comeback. Aided by a closed season, government predator control programs, and the abandonment of numerous homesteads, pronghorn numbers steadily increased until fears were expressed that some northern Arizona populations were in danger of exceeding their food supply. Accordingly, a limited hunt of 400 buck permits was authorized for northern Arizona in 1941.

After a closed season from 1944 to 1948, antelope hunting in Arizona recommenced in 1949. Hunts were liberalized gradually, until 1954 when 1,600 permits were issued and 1,146 bucks were taken. Despite the issuance of a number of antlerless antelope permits between 1961 and 1975, this level of harvest has never again been equaled. Annual harvests since 1990 have varied between 500 and 700 bucks, with archers taking a proportionally larger percent of the harvest in recent years. Plagued by encroaching subdivisions, increasing highway construction, and other land-use changes, maintaining even the present number of antelope is dependent on citizen involvement and an aggressive translocation program.

## Pronghorn Antelope Survey Data

### *Historic Summary of Antelope Survey Data*

Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
1948	943	1944	1536	0	4423	49	79
1949	1302	2153	1397	0	4852	60	65
1950	1208	2280	1550	0	5038	53	68
1951	1134	2007	1089	0	4230	57	54
1952	1130	2312	1840	0	5282	49	80
1953	1119	2230	1040	0	4389	50	47
1954	1098	2086	1344	0	4528	53	64
1955	1148	2283	969	0	4400	50	42
1956	862	2056	891	0	3809	42	43
1957	782	2169	806	0	3757	36	37
1958	819	2396	1096	0	4311	34	46
1959	994	2545	1631	0	5170	39	64
1960	1006	2745	1689	0	5440	37	62
1961	835	2180	1067	123	4205	38	49
1962	817	2711	1158	37	4723	30	43
1963	893	2699	1386	30	5008	33	51
1964	874	2905	1410	12	5201	30	49
1965	1014	2948	1040	0	5002	34	35
1966	969	2851	1181	44	5045	34	41
1967	1060	3086	1329	22	5497	34	43
1968	590	2249	938	0	3777	26	42
1969	799	2472	1053	2	4326	32	43
1970	866	2730	1728	1	5325	32	63
1971	993	2559	636	2	4190	39	25
1972	749	2028	841	23	3641	37	41
1973	1211	3005	1275	14	5505	40	42
1974	1006	2878	941	6	4831	35	33
1975	910	2926	1086	0	4922	31	37
1976	950	3347	932	1	5230	28	28
1977	936	3177	727	0	4840	29	23
1978	937	3473	1352	0	5762	27	39
1979	1071	3706	1204	1	5982	29	32
1980	1190	3750	1173	0	6113	32	31
1981	1292	3833	899	0	6024	34	23
1982	1029	3388	1300	5	5722	30	38
1983	1157	3753	1471	3	6384	31	39
1984	1264	3611	1190	12	6077	35	33
1985	1563	4881	1477	1	7922	32	30
1986	1800	5327	1610	0	8737	34	30
1987	1685	5249	1632	2	8568	32	31
1988	1915	6013	1413	0	9341	32	24
1989	1572	4967	1131	4	7674	32	23
1990	1731	5738	1323	3	8795	30	23
1991	1581	5326	1825	9	8741	30	34
1992	1916	5663	1831	1	9411	34	32
1993	2133	6187	2294	34	10648	34	37
1994	2019	5809	1427	0	9255	35	25
1995	2236	6638	1787	14	10675	34	27
1996	2036	5498	435	7	7976	37	8
1997	1998	6426	2037	28	10489	31	32
1998	1997	6152	1651	11	9811	32	27
1999	1814	5420	1076	8	8318	33	20
2000	1455	4453	1002	7	6917	33	23
2001	1739	5702	1773	15	9229	31	31
2002	1503	4305	353	8	6169	35	8
2003	1313	4484	1459	1	7257	29	33
2004	1353	4502	1494	1	7350	30	33
2005	1292	3626	1485	16	6419	36	41
2006	1205	3006	596	16	4823	40	40
2007	952	2778	620	16	4366	34	22
2008	1014	2816	538	12	4380	36	19
2009	892	2883	520	4	4299	31	18
2010	913	3182	869	6	4970	29	27
2011	811	3047	891	3	4752	27	29
2012	1006	3082	879	5	4972	33	29

## Pronghorn Antelope Survey Data

### *Historic Summary of Antelope Survey Data (continued)*

Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 Does	Fawns/100 Does
2013	1106	3070	884	8	5068	36	29
2014	1106	3417	1066	0	5559	32	30
2015	1109	3269	1067	30	5475	34	33
2016	1128	3362	796	18	5304	34	24

### *5-year: 2012-2016 Antelope Survey Data*

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 does	Fawns/100 Does
1	2012	30	138	36	0	204	22	26
1	2013	57	158	39	0	254	36	25
1	2014	45	147	43	0	235	31	29
1	2015	55	194	36	0	285	28	19
1	2016	58	166	29	0	253	35	17
2A	2012	24	51	3	1	79	47	6
2A	2013	21	76	13	0	110	28	17
2A	2014	42	113	29	0	184	37	26
2A	2015	44	132	45	0	221	33	34
2A	2016	50	149	37	0	236	34	25
2B	2012	14	70	17	0	101	20	24
2B	2013	20	73	14	0	107	27	19
2B	2014	27	111	16	0	154	24	14
2B	2015	12	62	23	0	97	19	37
2B	2016	19	105	26	0	150	18	25
2C	2012	30	66	7	3	106	45	11
2C	2013	28	105	2	0	135	27	2
2C	2014	20	98	11	0	129	20	11
2C	2015	29	96	13	0	138	30	14
2C	2016	14	108	11	0	133	13	10
3A	2012	43	125	34	0	202	34	27
3A	2013	60	196	25	0	281	31	13
3A	2014	61	181	45	0	287	34	25
3A	2015	60	183	18	0	261	33	10
3A	2016	8	74	22	0	104	11	30
3B North	2012	8	41	5	0	54	20	12
3B North	2013	4	30	7	0	41	13	23
3B North	2014	9	37	10	0	56	24	27
3B North	2015	13	36	12	0	61	36	33
3B North	2016	8	27	9	0	44	30	33
3B South	2012	12	29	11	0	52	41	38
3B South	2013	20	26	12	0	58	77	46
3B South	2014	21	38	5	0	64	55	13
3B South	2015	15	39	9	0	63	38	23
3B South	2016	14	32	6	0	52	44	19
3C	2012	11	101	18	0	130	11	18
3C	2013	29	93	17	0	139	31	18
3C	2014	22	73	37	0	132	30	51
3C	2015	42	93	12	0	147	45	13
3C	2016	26	95	17	0	138	27	18
4A	2012	45	134	72	0	251	34	54
4A	2013	44	87	40	0	171	51	46
4A	2014	65	157	101	0	323	41	64
4A	2015	56	128	51	0	235	44	40
4A	2016	34	70	10	2	116	49	14
4B	2012	32	69	24	0	125	46	35
4B	2013	36	122	54	0	212	30	44
4B	2014	43	114	45	0	202	38	39
4B	2015	31	68	29	0	128	46	43
4B	2016	46	153	18	0	217	30	12
5A	2012	15	82	36	1	134	18	44
5A	2013	16	47	19	0	82	34	40
5A	2014	18	89	44	0	151	20	49
5A	2015	13	63	24	0	100	21	38
5A	2016	35	97	24	0	156	36	25

## Pronghorn Antelope Survey Data

### 5-year: 2012-2016 Antelope Survey Data

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 does	Fawns/100 Does
5B	2012	38	154	47	0	239	25	31
5B	2013	45	141	47	0	233	32	33
5B	2014	52	183	49	0	284	28	27
5B	2015	70	196	73	0	339	36	37
5B	2016	70	191	67	0	328	37	35
6A	2012	6	15	14	0	35	40	93
6A	2013	8	17	15	0	40	47	88
6A	2014	6	30	11	0	47	20	37
6A	2015	16	52	21	0	89	31	40
6A	2016	13	19	5	0	37	68	26
6B	2012	11	48	12	0	71	23	25
6B	2013	12	46	17	0	75	26	37
6B	2014	8	35	11	0	54	23	31
6B	2015	7	29	7	0	43	24	24
6B	2016	7	33	13	0	53	21	39
7	2012	60	159	40	0	259	38	25
7	2013	79	173	77	0	329	46	45
7	2014	77	238	71	0	386	32	30
7	2015	50	156	60	7	273	32	38
7	2016	54	137	27	0	218	39	20
8	2012	40	113	62	0	215	35	55
8	2013	47	107	45	0	199	44	42
8	2014	44	127	36	0	207	35	28
8	2015	19	56	23	0	98	34	41
8	2016	35	77	32	0	144	45	42
9	2012	35	72	46	0	153	49	64
9	2013	43	75	45	0	163	57	60
9	2014	45	101	26	0	172	45	26
9	2015	30	106	43	0	179	28	41
9	2016	33	63	21	8	125	52	33
10	2012	116	375	133	0	624	31	35
10	2013	123	322	95	0	540	38	30
10	2014	162	453	150	0	765	36	33
10	2015	133	287	125	5	550	46	44
10	2016	108	276	36	0	420	39	13
12	2012	7	24	5	0	36	29	21
12	2013	11	16	3	0	30	69	19
12	2014	17	29	13	0	59	59	45
12	2015	7	34	18	0	59	21	53
12	2016	12	40	11	0	63	30	28
13A	2012	13	87	4	0	104	15	5
13A	2013	31	128	16	0	175	24	13
13A	2014	20	85	21	0	126	24	25
13A	2015	11	70	21	0	102	16	30
13A	2016	22	71	10	0	103	31	14
13B	2012	16	43	8	0	67	37	19
13B	2013	16	53	11	0	80	30	21
13B	2014	21	47	16	0	84	45	34
13B	2015	23	60	32	0	115	38	53
13B	2016	24	54	20	0	98	44	37
15A	2013	1	2	2	0	5	50	100
15B	2012	4	4	3	0	11	100	75
15B	2013	3	11	3	0	17	27	27
15B	2014	1	9	4	0	14	11	44
15B	2015	2	6	2	0	10	33	33
15B	2016	7	7	5	0	19	100	71
17A	2012	14	63	2	0	79	22	3
17A	2013	4	50	4	0	58	8	8
17A	2014	6	50	1	0	57	12	2
17A	2015	6	63	6	0	75	10	10
17A	2016	8	33	2	0	43	24	6
17B	2012	12	46	8	0	66	26	17
17B	2013	14	50	9	0	73	28	18
17B	2014	6	13	0	0	19	46	0

## Pronghorn Antelope Survey Data

### *5-year: 2012-2016 Antelope Survey Data*

Unit	Year	Bucks	Does	Fawns	Unclassified	Total	Bucks/100 does	Fawns/100 Does
17B	2015	7	20	1	0	28	35	5
17B	2016	9	44	7	0	60	20	16
18A	2012	13	23	4	0	40	57	17
18A	2013	19	64	12	0	95	30	19
18A	2014	17	29	10	0	56	59	34
18A	2015	31	97	20	0	148	32	21
18A	2016	30	148	31	0	209	20	21
18B	2012	23	134	19	0	176	17	14
18B	2013	25	75	14	0	114	33	19
18B	2014	13	84	23	0	120	15	27
18B	2015	38	130	28	0	196	29	22
18B	2016	21	129	17	0	167	16	13
19A	2012	150	277	61	0	488	54	22
19A	2013	123	339	85	0	547	36	25
19A	2014	85	327	97	0	509	26	30
19A	2015	98	344	97	0	539	28	28
19A	2016	96	259	76	0	431	37	29
19B	2012	97	283	86	0	466	34	30
19B	2013	81	122	60	8	271	66	49
19B	2014	49	112	26	0	187	44	23
19B	2015	75	160	53	18	306	47	33
19B	2016	65	101	29	4	199	64	29
21	2012	33	87	15	0	135	38	17
21	2013	22	89	43	0	154	25	48
21	2014	20	109	28	0	157	18	26
21	2015	30	75	37	0	142	40	49
21	2016	13	77	16	0	106	17	21
27	2012	1	6	2	0	9	17	33
27	2013	2	6	4	0	12	33	67
27	2014	1	5	0	0	6	20	0
28	2013	1	0	0	0	1	-	-
28 South	2012	3	1	0	0	4	300	0
30A	2012	19	48	4	0	71	40	8
30A	2013	26	55	4	0	85	47	7
30A	2014	26	41	9	0	76	63	22
30A	2015	24	70	48	0	142	34	69
30A	2016	39	120	38	0	197	33	32
31/32	2012	19	36	11	0	66	53	31
31/32	2013	20	47	7	0	74	43	15
31/32	2014	17	36	14	0	67	47	39
31/32	2015	24	58	19	0	101	41	33
31/32	2016	20	68	32	0	120	29	47
34B	2012	5	33	10	0	48	15	30
34B	2013	5	26	6	0	37	19	23
34B	2014	10	36	14	0	60	28	39
34B	2015	8	21	7	0	36	38	33
34B	2016	12	38	17	0	67	32	45
35	2012	5	43	20	0	68	12	47
35	2013	9	43	18	0	70	21	42
35	2014	30	80	20	0	130	38	25
35	2015	30	85	54	0	169	35	64
35	2016	44	156	39	0	239	28	25
36B	2012	2	2	0	0	4	100	0
36B	2013	1	0	0	0	1	-	-

## Pronghorn Antelope Hunt Data

*Historic Summary of General Antelope Hunts (Youth-Only Hunts listed separately)*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns <sup>1</sup>	Total	
1941	–	400	387	–	286	0	286	74
1942	–	750	721	–	487	0	487	68
1943	–	1072	991	–	522	0	522	53
1949	–	606	575	–	437	0	437	76
1950	–	520	502	–	382	0	382	76
1951	–	835	794	–	548	0	548	69
1952	–	1233	1201	–	739	0	739	62
1953	–	1340	1283	–	828	0	828	65
1954	–	1600	1561	–	1146	0	1146	73
1955	–	955	914	–	578	0	578	63
1956	–	445	430	–	297	0	297	69
1957	–	305	296	–	205	0	205	69
1958	–	490	476	–	317	0	317	67
1959	–	990	974	–	589	0	589	61
1960	–	1200	1174	–	722	0	722	62
1961	–	1411	1373	–	687	68	755	55
1962	–	1215	1173	–	559	53	612	52
1963	–	1281	1257	–	690	39	729	58
1964	–	1413	1377	–	724	125	849	62
1965	–	1278	1248	–	652	25	677	54
1966	6781	1180	1150	–	542	20	562	49
1967	5895	1336	1297	–	667	27	694	54
1968	4291	800	782	–	352	2	354	45
1969	5178	810	791	–	406	0	406	51
1970	6769	1124	1103	–	589	28	617	56
1971	6493	909	896	–	559	0	559	62
1972	5594	997	972	–	480	20	500	51
1973	6161	1219	1205	–	642	21	663	55
1974	6435	1213	1181	2445	685	31	716	61
1975	6340	1196	1163	2293	652	18	670	58
1976	7680	974	937	1983	522	0	522	56
1977	9138	970	796	1713	425	0	425	53
1978	9751	880	849	1955	415	0	415	49
1979	9557	844	810	1816	427	0	427	53
1980	9493	713	683	1513	444	0	444	65
1981	9888	730	713	1502	456	0	456	64
1982	9571	835	814	1904	506	0	506	62
1983	7978	834	795	1816	521	0	521	66
1984	7357	841	810	1701	558	0	558	69
1985	7965	780	768	1621	584	0	584	76
1986	8354	740	728	1526	533	0	533	73
1987	8682	591	571	1177	426	0	426	75
1988	9035	647	640	1374	489	0	489	76
1989	8988	647	633	1341	488	0	488	77
1990	8812	601	587	1366	424	0	424	72
1991	9047	574	565	1225	442	0	442	78
1992	10095	528	507	1105	417	0	417	82
1993	11204	645	633	1496	484	0	484	76
1994	11888	652	640	1411	521	0	521	81
1995	12933	656	650	1427	534	0	534	82
1996	14116	651	630	1308	540	0	540	86
1997	15138	556	545	1214	435	0	435	80
1998	16728	543	534	1248	427	0	427	80
1999	17168	497	484	1088	407	0	407	84
2000	16989	459	454	943	402	0	402	89
2001	16450	450	442	898	356	0	356	81
2002	20082	437	428	929	357	0	357	83
2003	22727	360	350	807	295	0	295	84
2004	25822	353	345	825	283	0	283	82

<sup>1</sup> Harvest classifications prior to 1968 are unavailable for some hunts. In these cases, all harvest has been listed as bucks.

## Pronghorn Antelope Hunt Data

### *Historic Summary of General Antelope Hunts (Youth-Only Hunts listed separately)*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns <sup>1</sup>	Total	
2005	18627	422	413	976	356	0	356	86
2006	23632	455	440	1083	389	0	389	88
2007	28042	473	466	1257	414	0	414	89
2008	18931	503	485	1226	432	0	432	89
2009	17480	525	506	1490	432	0	432	85
2010	16382	502	496	1451	427	0	427	86
2011	16272	436	431	1491	346	0	346	80
2012	19980	428	399	1198	347	0	347	87
2013	21460	424	403	1111	329	0	329	82
2014	22006	456	445	1178	385	0	385	87
2015	23415	476	465	1303	401	0	401	86
2016	24343	486	459	1253	423	0	423	92

<sup>1</sup> Harvest classifications prior to 1968 are unavailable for some hunts. In these cases, all harvest has been listed as bucks.

### *Historic Summary of Youth-Only Antelope Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns	Total	
1999	443	15	15	29	13	0	13	87
2000	485	15	15	41	12	0	12	80
2001	509	15	15	22	13	0	13	87
2002	664	15	15	26	14	0	14	93
2003	761	12	12	39	8	0	8	67
2004	776	12	12	39	5	0	5	42
2009 to 2016	No youth hunts offered							

### *Historic Summary of Muzzleloader Antelope Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns	Total	
1982	89	40	40	154	13	0	13	33
1983	87	45	44	135	13	0	13	30
1984	132	75	68	181	23	0	23	34
1985	181	65	60	166	19	0	19	32
1986	246	78	78	206	32	0	32	41
1987	358	123	117	361	40	0	40	34
1988	365	122	119	316	58	0	58	49
1989	454	147	144	378	64	0	64	44
1990	528	145	135	370	68	0	68	50
1991	608	143	138	441	55	0	55	40
1992	587	143	141	481	61	0	61	43
1993	628	153	149	486	80	0	80	54
1994	729	148	146	495	67	0	67	46
1995	821	142	136	460	53	0	53	39
1996	824	106	103	302	62	0	62	60
1997	831	91	91	261	57	0	57	63
1998	865	96	95	254	56	0	56	59
1999	988	91	89	245	57	0	57	64
2000	1027	99	97	289	59	0	59	61
2001	1017	93	92	212	62	0	62	67
2002	1319	94	94	199	72	0	72	77
2003	1561	87	83	240	55	0	55	66
2004	1746	92	89	292	50	0	50	56
2005	1446	97	91	297	56	0	56	62
2006	1618	103	103	336	68	0	68	66
2007	2154	103	94	320	67	0	67	71
2008	1691	113	108	413	76	0	76	70

## Pronghorn Antelope Hunt Data

### *Historic Summary of Muzzleloader Antelope Hunts (continued)*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns	Total	
2009	1399	106	103	358	70	0	70	68
2010	1208	87	87	407	49	0	49	56
2011	1011	73	69	212	41	0	41	59
2012	1142	64	63	184	40	0	40	63
2013	1242	68	67	175	50	0	50	75
2014	1259	72	66	207	60	0	60	91
2015	1432	67	61	220	50	0	50	82
2016	1518	67	63	202	51	0	51	81

### *Historic Summary of Archery Antelope Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest			Percent Success
					Bucks	Does/Fawns	Total	
1974	16	50	37	168	2	0	2	5.4
1975	17	50	25	62	0	0	0	.0
1976	36	100	57	209	3	0	3	5.3
1977	84	119	93	405	5	1	6	6.5
1978	106	160	142	498	11	2	13	9.2
1979	116	210	170	683	7	6	13	7.6
1980	203	225	214	1133	21	0	21	9.8
1981	364	225	203	1203	13	0	13	6.4
1982	338	236	218	1370	15	0	15	6.9
1983	249	289	268	1357	20	2	22	8.2
1984	298	339	315	1543	33	3	36	11.4
1985	332	364	345	1791	32	1	33	9.6
1986	385	423	401	2175	31	3	34	8.5
1987	483	473	451	2315	32	0	32	7.1
1988	468	497	475	2596	52	1	53	11.2
1989	564	508	475	2565	54	0	54	11.4
1990	625	484	456	2490	53	0	53	11.6
1991	678	549	521	2999	46	0	46	8.8
1992	831	657	631	3646	75	0	75	11.9
1993	1046	666	615	3391	111	0	111	18.0
1994	1183	683	621	3474	116	0	116	18.7
1995	1233	671	617	3580	106	0	106	17.2
1996	1373	611	568	3160	101	0	101	17.8
1997	1497	585	549	3065	106	0	106	19.3
1998	1582	587	560	3155	110	0	110	19.6
1999	1812	588	562	3417	97	0	97	17.3
2000	1933	558	516	3102	70	0	70	13.6
2001	1943	536	503	3156	82	0	82	16.3
2002	2319	514	493	2667	143	0	143	29.0
2003	2482	433	408	2557	57	0	57	14.0
2004	2502	416	388	2622	73	0	73	18.8
2005	2069	415	392	2452	59	0	59	15.0
2006	2376	400	361	2383	71	0	71	20.0
2007	2697	399	370	2420	89	0	89	24.0
2008	2074	394	371	2432	111	0	111	30.0
2009	2007	380	343	2123	119	0	119	35
2010	1880	360	334	2249	101	0	101	30
2011	1832	321	293	1786	101	0	101	34
2012	2084	314	307	2132	84	0	84	27
2013	2265	302	284	2016	71	0	71	25
2014	2324	294	273	1869	101	0	101	37
2015	2410	281	254	1744	102	0	102	40
2016	2626	283	273	1801	102	0	102	37

## Pronghorn Antelope Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>FIREARMS</b>										
1	2012	9/07- 9/16	20	2148	20	.8	20	56	16	80
1	2013	9/06- 9/15	20	2400	20	.8	20	51	18	90
1	2014	9/05- 9/14	20	2392	20	.8	20	45	17	85
1	2015	9/04- 9/13	25	2672	25	.9	25	54	24	96
1	2016	9/02- 9/11	25	2589	25	1.0	25	41	25	100
2A	2012	9/07- 9/16	20	447	20	2.2	18	62	16	89
2A	2013	9/06- 9/15	20	432	20	3.2	15	37	13	87
2A	2014	9/05- 9/14	20	461	20	2.0	18	50	16	89
2A	2015	9/04- 9/13	25	461	25	3.5	25	43	25	100
2A	2016	9/02- 9/11	25	609	25	2.5	23	68	20	87
2C	2012	9/07- 9/16	15	383	15	3.1	15	49	15	100
2C	2013	9/06- 9/15	15	595	15	1.2	15	43	11	73
2C	2014	9/05- 9/14	15	472	15	2.1	15	39	13	87
2C	2015	9/04- 9/13	10	368	10	1.9	10	13	7	70
2C	2016	9/02- 9/11	10	387	10	1.8	10	35	10	100
3A	2012	9/07- 9/16	15	534	15	1.5	15	44	14	93
3A	2013	9/06- 9/15	20	598	20	2.8	20	58	16	80
3A	2014	9/05- 9/14	20	763	20	1.6	20	45	19	95
3A	2015	9/04- 9/13	25	701	25	2.7	23	58	18	78
3A	2016	9/30-10/09	25	855	25	2.7	23	67	19	83
3C	2012	9/07- 9/16	2	89	2	2.2	2	4	2	100
3C	2013	9/06- 9/15	1	111	1	0.9	1	1	1	100
3C	2014	9/05- 9/14	3	144	3	2.1	3	3	3	100
3C	2015	9/04- 9/13	3	216	3	.5	3	3	2	67
3C	2016	9/02- 9/11	7	247	7	2.4	7	11	7	100
4A	2012	9/07- 9/16	12	700	12	1.6	11	23	11	100
4A (Hopi)	2012	9/07- 9/16	3	8	3	37.5	3	3	2	67
4A	2013	9/06- 9/15	13	849	13	1.4	13	15	12	92
4A (Hopi)	2013	9/06- 9/15	4	14	4	28.6	4	8	0	0
4A	2014	9/05- 9/14	16	933	16	1.6	16	35	15	94
4A (Hopi)	2014	9/05- 9/14	4	9	4	11.1	4	8	2	50
4A	2015	9/04- 9/13	20	1169	20	1.7	20	43	20	100
4A (Hopi)	2015	9/04- 9/13	5	18	5	22.2	5	5	5	100
4A	2016	9/02- 9/11	21	1410	21	1.3	19	34	19	100
4A (Hopi)	2016	9/02- 9/11	6	17	6	29.4	5	11	5	100
4B	2012	9/07- 9/16	20	680	20	1.9	20	64	16	80
4B	2013	9/06- 9/15	26	781	26	1.7	25	71	21	84
4B	2014	9/05- 9/14	26	806	26	2.6	26	104	22	85
4B	2015	9/04- 9/13	30	970	30	1.6	30	99	24	80
4B	2016	9/02- 9/11	30	924	30	1.8	28	83	26	93
5A	2012	9/07- 9/16	7	345	7	1.7	7	16	7	100
5A (Hopi)	2012	9/07- 9/16	3	2	3	50.0	3	9	3	100
5A	2013	9/06- 9/15	6	342	6	0.6	6	12	5	83
5A (Hopi)	2013	9/06- 9/15	2	2	2	100.0	0	0	0	-
5A	2014	9/05- 9/14	6	401	6	.2	6	20	5	83
5A (Hopi)	2014	9/05- 9/14	2	5	2	40.0	2	10	2	100
5A	2015	9/04- 9/13	7	416	7	1.4	7	13	7	100
5A (Hopi)	2015	9/04- 9/13	2	4	2	50.0	0	0	0	-
5A	2016	9/02- 9/11	6	488	6	1.0	6	14	5	83
5A (Hopi)	2016	9/02- 9/11	3	6	3	33.3	3	3	3	100
5B	2012	9/07- 9/16	26	1969	26	1.3	24	90	14	58
5B (Hopi)	2012	9/07- 9/16	4	21	4	19.0	2	10	0	0
5B	2013	9/06- 9/15	17	2002	17	0.8	17	77	15	88
5B (Hopi)	2013	9/06- 9/15	3	11	3	27.3	3	9	2	67
5B	2014	9/05- 9/14	21	2565	21	0.8	21	50	18	86
5B (Hopi)	2014	9/05- 9/14	3	18	4	22.2	4	12	4	100
5B	2015	9/04- 9/13	18	2768	18	.7	18	60	16	89
5B (Hopi)	2015	9/04- 9/13	3	17	3	17.6	3	6	3	100
5B	2016	9/02- 9/11	18	3063	18	0.6	18	54	18	100
5B (Hopi)	2016	9/02- 9/11	3	11	3	18.2	3	3	3	100
6A	2012	9/07- 9/16	6	262	6	1.5	6	26	6	100
6A	2013	9/06- 9/15	7	339	7	1.2	7	14	6	86

## Pronghorn Antelope Harvest Data

### 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
6A	2014	9/05- 9/14	6	346	7	1.4	7	23	7	100
6A	2015	9/04- 9/13	7	406	7	1.0	7	32	3	43
6A	2016	9/02- 9/11	8	501	8	.8	8	12	8	100
6B South	2012	9/07- 9/16	2	55	2	3.6	0	0	0	-
6B South	2013	9/06- 9/15	2	93	2	1.1	2	2	2	100
6B South	2014	9/05- 9/14	2	44	2	4.5	0	0	0	-
6B South	2015	9/04- 9/13	1	96	1	1.0	1	1	1	100
6B South	2016	9/02- 9/11	1	69	1	1.4	0	0	0	-
7	2012	9/07- 9/16	40	1644	40	1.8	40	118	35	88
7	2013	9/06- 9/15	40	1869	40	1.9	38	83	38	100
7	2014	9/05- 9/14	48	2012	48	2.1	48	139	39	81
7	2015	9/04- 9/13	48	2234	48	1.9	48	211	37	77
7	2016	9/30-10/09	48	2226	48	1.8	48	141	39	81
9	2012	9/07- 9/16	27	1098	27	2.5	24	78	24	100
9	2013	9/06- 9/15	30	1623	30	1.6	30	55	28	93
9	2014	9/05- 9/14	40	1946	40	1.7	39	105	37	95
9	2015	9/04- 9/13	40	1733	40	1.8	40	126	31	78
9	2016	9/30-10/09	40	1795	40	1.8	40	152	37	93
10	2012	9/07- 9/16	70	5384	70	1.2	67	228	60	90
10	2013	9/06- 9/15	80	5036	80	1.4	74	256	51	69
10	2014	9/05- 9/14	90	4557	90	1.8	88	205	78	89
10	2015	9/04- 9/13	100	5060	100	1.6	100	252	96	96
10	2016	9/02- 9/11	100	4831	100	1.7	95	280	90	95
12	2012	9/07- 9/16	2	65	2	0.0	0	0	0	-
12	2013	9/06- 9/15	2	46	2	0.0	0	0	0	-
12	2014	9/05- 9/14	2	60	2	1.7	2	2	2	100
12	2015	9/04- 9/13	2	51	2	3.9	2	10	2	100
12A/12B	2016	9/02- 9/11	2	88	2	2.3	2	5	2	100
13A	2012	9/07- 9/16	15	315	15	3.5	13	45	8	62
13A	2013	9/06- 9/15	10	246	10	2.8	10	30	8	80
13A	2014	9/05- 9/14	10	214	10	3.7	10	33	8	80
13A	2015	9/04- 9/13	10	228	10	2.6	10	29	9	90
13A	2016	9/02- 9/11	10	201	10	3.5	10	34	6	60
13B	2012	9/07- 9/16	5	75	5	4.0	5	18	3	60
13B	2013	9/06- 9/15	5	78	5	2.6	5	11	4	80
13B	2014	9/05- 9/14	5	67	5	4.5	5	10	5	100
13B	2015	9/04- 9/13	10	127	10	1.6	10	53	8	80
13B	2016	9/02- 9/11	10	132	10	3.8	3	3	3	100
17A	2012	9/07- 9/16	4	171	4	1.8	4	13	4	100
17A	2013	9/06- 9/15	3	191	3	0.5	3	13	2	67
17A	2014	9/05- 9/14	3	172	3	1.7	3	6	3	100
17A	2015	9/04- 9/13	3	174	3	0.6	3	8	3	100
17A	2016	9/02- 9/11	2	136	2	1.5	2	6	2	100
18A	2012	9/14- 9/20	10	270	10	2.2	10	21	10	100
18A	2013	9/13- 9/19	10	324	10	2.2	10	30	8	80
18A	2014	9/12- 9/18	10	359	10	2.5	10	28	9	90
18A	2015	9/11- 9/17	10	395	10	2.3	10	15	10	100
18A	2016	9/02- 9/15	10	413	10	1.7	10	31	9	90
18B	2012	9/07- 9/16	25	608	25	3.3	21	44	21	100
18B	2013	9/06- 9/15	21	563	21	2.7	21	56	17	81
18B	2014	9/05- 9/14	20	685	20	2.5	20	58	14	70
18B	2015	9/04- 9/13	15	499	16	2.8	13	45	8	62
18B	2016	9/02- 9/11	15	511	15	2.7	10	23	10	100
19A North	2012	9/14- 9/20	30	1018	30	2.5	27	56	25	93
19A North	2013	9/13- 9/19	30	1157	30	1.8	27	54	24	89
19A North	2014	9/12- 9/18	30	1054	30	2.2	28	58	25	89
19A	2015	9/11- 9/17	30	1144	30	2.3	30	56	24	80
19A North	2016	9/09- 9/15	30	1134	30	1.8	30	77	29	97
19B	2014	9/12- 9/18	5	374	5	1.1	5	8	5	100
19B	2015	9/11- 9/17	5	491	5	0.8	0	0	0	-
19B	2016	9/09- 9/15	5	476	5	0.8	5	10	5	100
19B North	2012	9/14- 9/20	5	351	5	0.9	4	6	3	75
19B North	2013	9/06- 9/19	5	312	5	1.6	5	9	5	100

## Pronghorn Antelope Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
21	2012	9/07- 9/16	25	630	25	2.9	23	75	20	87
21	2013	9/06- 9/15	20	719	20	1.9	20	75	11	55
21	2014	9/05- 9/14	17	623	17	2.1	17	58	10	59
21	2015	9/04- 9/13	13	516	13	1.7	13	43	9	69
21	2016	9/02- 9/11	13	541	13	1.8	13	38	10	77
30A	2012	9/07- 9/16	10	257	10	1.6	10	30	7	70
30A	2013	9/06- 9/15	7	194	7	1.5	7	11	6	86
30A	2014	9/05- 9/14	6	192	6	3.1	4	9	3	75
30A	2015	9/04- 9/13	6	172	6	1.7	6	17	6	100
30A	2016	9/02- 9/11	6	136	6	2.2	6	10	6	100
31/32	2012	9/07- 9/16	3	218	3	0.9	3	8	3	100
31/32	2013	9/06- 9/15	3	253	3	0.4	3	27	3	100
31/32	2014	9/05- 9/14	3	290	3	1.0	3	12	3	100
31/32	2015	9/04- 9/13	3	309	3	1.0	3	8	3	100
31/32	2016	9/02- 9/11	4	269	4	1.5	4	4	4	100
34B	2012	9/07- 9/16	1	194	1	0.5	1	1	1	100
34B	2013	9/06- 9/15	1	224	1	0.4	1	1	1	100
35A/35B	2016	9/02- 9/11	3	278	3	0.7	3	3	3	100
FTHU	2012	9/07- 9/16	1	39	1	2.6	1	1	1	100
FTHU	2013	9/06- 9/15	1	56	1	1.8	1	2	1	100
FTHU	2014	9/05- 9/14	1	42	1	0.0	1	3	1	100
<b>MUZZLELOADER</b>										
2B	2012	9/07- 9/16	10	184	10	3.8	10	23	10	100
2B	2013	9/06- 9/15	10	195	10	3.1	9	23	3	33
2B	2014	9/05- 9/14	10	199	10	2.5	10	50	6	60
2B	2015	9/04- 9/13	10	158	10	4.4	10	25	10	100
2B	2016	9/02- 9/11	10	172	10	1.7	9	31	6	67
3B North	2012	9/07- 9/16	5	73	5	2.7	5	28	2	40
3B North	2013	9/06- 9/15	5	67	5	3.0	5	13	3	60
3B North	2014	9/05- 9/14	2	31	2	3.2	2	2	2	100
3B North	2015	9/04- 9/13	2	54	2	0.0	0	0	0	-
3B North	2016	9/02- 9/11	2	36	2	5.6	2	4	2	100
3B South	2014	9/05- 9/14	2	60	2	3.3	2	14	2	100
3B South	2015	9/04- 9/13	2	54	2	3.7	2	6	2	100
3B South	2016	9/02- 9/11	2	78	2	1.3	2	2	2	100
8	2012	9/07- 9/16	20	475	20	2.5	20	71	11	55
8	2013	9/06- 9/15	25	474	25	3.6	25	70	20	80
8	2014	9/05- 9/14	30	539	30	5.2	28	74	28	100
8	2015	9/04- 9/13	30	700	30	2.6	28	120	18	64
8	2016	9/02- 9/11	30	743	30	3.2	29	114	21	72
15A/15B	2012	9/07- 9/16	2	63	2	3.2	2	6	0	0
15A/15B	2013	9/06- 9/15	2	34	2	2.9	2	13	1	50
15A/15B	2014	9/05- 9/14	2	24	2	0.0	0	0	0	-
15A/15B	2015	9/04- 9/13	2	30	2	6.7	0	0	0	-
15A/15B	2016	9/02- 9/11	2	54	2	1.9	2	2	2	100
17B	2012	9/07- 9/16	2	30	2	3.3	2	3	2	100
17B/19B	2013	9/06- 9/12	6	88	6	5.7	6	15	5	83
17B/19B	2014	9/05- 9/11	6	121	6	5.0	6	14	6	100
17B/19B	2015	9/04- 9/10	6	131	6	3.8	6	16	6	100
17B/19B	2016	9/02- 9/08	6	160	6	3.1	6	9	6	100
18A	2012	9/07- 9/13	5	88	5	4.5	4	10	1	25
18A	2013	9/06- 9/12	5	120	5	3.3	5	13	5	100
18A	2014	9/05- 9/11	5	75	5	5.3	5	15	3	60
18A	2015	9/04- 9/10	5	118	5	3.4	5	22	5	100
18A	2016	9/02- 9/08	5	84	5	1.2	5	13	5	100
19A North	2012	9/07- 9/13	15	176	15	4.5	15	33	9	60
19A North	2013	9/06- 9/12	15	269	15	3.3	15	28	13	87
19A North	2014	9/05- 9/11	15	210	15	4.3	13	38	13	100
19A North	2015	9/04- 9/10	10	187	10	3.2	10	31	9	90
19A North	2016	9/02- 9/08	10	191	10	4.2	8	27	7	88
19B North	2012	9/02- 9/13	5	53	5	3.8	5	10	5	100

# Pronghorn Antelope Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>ARCHERY</b>										
1	2012	8/24- 9/06	30	220	30	10.0	30	216	9	30
1	2013	8/23- 9/05	30	226	30	10.6	28	188	4	14
1	2014	8/22- 9/04	30	250	30	8.8	22	212	2	9
1	2015	8/21- 9/03	30	269	30	7.4	30	219	9	30
1	2016	8/19- 9/01	30	283	30	8.5	28	224	2	7
3A	2012	8/24- 9/06	10	44	10	11.4	10	55	0	0
3A	2013	8/23- 9/05	10	50	10	14.0	10	84	0	0
3A	2014	8/22- 9/04	10	66	10	9.1	7	33	0	0
3A	2015	8/21- 9/03	10	42	10	2.4	10	70	2	20
3A	2016	8/12- 8/25	10	33	10	9.1	10	70	10	100
3B North	2012	8/24- 9/06	10	28	10	28.6	10	65	0	0
3B North	2013	8/09- 8/22	10	56	10	12.5	9	60	3	33
3B North	2014	8/22- 9/04	5	23	5	17.4	5	20	0	0
3B North	2015	8/21- 9/03	5	47	5	10.6	5	28	0	0
3B North	2016	8/19- 9/01	5	23	5	13.0	3	32	0	0
3B South	2012	8/10- 8/23	5	42	5	9.5	5	33	2	40
3B South	2012	8/24- 9/06	5	8	5	12.5	5	47	2	40
3B South	2013	8/23- 9/05	5	41	5	7.3	5	42	0	0
3B South	2013	8/23- 9/05	5	14	5	21.4	5	60	0	0
3B South	2014	8/08- 8/21	5	50	5	6.0	5	30	3	60
3B South	2014	8/22- 9/04	5	25	5	8.0	5	23	3	60
3B South	2015	8/07- 8/20	5	31	5	12.9	5	45	0	0
3B South	2015	8/21- 9/03	5	14	5	7.1	0	0	0	-
3B South	2016	8/05- 8/18	5	90	5	3.3	5	50	0	0
3B South	2016	8/19- 9/01	5	24	5	0.0	5	28	2	40
4A	2013	8/23- 9/05	4	42	4	4.8	4	38	0	0
4A (Hopi)	2013	8/23- 9/05	1	0	1	-	1	10	0	0
4A	2014	8/22- 9/04	4	32	4	9.4	4	22	2	50
4A (Hopi)	2014	8/22- 9/04	1	0	1	-	1	10	0	0
4A	2015	8/21- 9/03	5	55	5	9.1	5	20	3	60
4A (Hopi)	2015	8/21- 9/03	1	2	1	0.0	0	0	0	-
4A	2016	8/19- 9/01	5	88	5	3.4	5	23	3	60
4A (Hopi)	2016	8/19- 9/01	2	1	2	100.0	2	7	2	100
4B	2012	8/24- 9/06	20	98	20	10.2	20	158	0	0
4B	2013	8/23- 9/05	15	73	15	8.2	15	118	3	20
4B	2014	8/22- 9/04	15	65	15	10.8	14	112	3	21
4B	2015	8/21- 9/03	15	92	15	10.9	15	84	0	0
4B	2016	8/19- 9/01	15	104	15	6.7	15	101	8	53
5A	2012	8/24- 9/06	4	70	4	5.7	4	48	2	50
5A (Hopi)	2012	8/24- 9/06	1	1	1	100.0	0	0	0	-
5A	2013	8/23- 9/05	4	33	4	12.1	4	26	0	0
5A (Hopi)	2013	8/23- 9/05	1	1	1	100.0	1	7	0	0
5A	2014	8/22- 9/04	4	56	4	7.1	4	14	4	100
5A (Hopi)	2014	8/22- 9/04	1	0	1	-	0	0	0	-
5A	2015	8/21- 9/03	4	42	4	4.8	4	52	0	0
5A (Hopi)	2015	8/21- 9/03	1	1	1	100.0	1	7	0	0
5A	2016	8/19- 9/01	3	68	3	2.9	3	24	0	0
5A (Hopi)	2016	8/19- 9/01	2	1	2	100.0	2	10	0	0
5B	2012	8/24- 9/06	13	150	13	6.7	13	110	2	15
5B (Hopi)	2012	8/24- 9/06	2	3	2	66.7	2	10	0	0
5B	2013	8/23- 9/05	9	149	9	2.7	8	68	2	25
5B (Hopi)	2013	8/23- 9/05	1	0	1	-	0	0	0	-
5B	2014	8/22- 9/04	9	177	9	5.1	9	86	4	44
5B (Hopi)	2014	8/22- 9/04	1	0	1	-	1	11	0	0
5B	2015	8/21- 9/03	9	195	9	4.1	9	72	0	0
5B (Hopi)	2015	8/21- 9/03	1	1	1	0.0	0	0	0	-
5B	2016	8/19- 9/01	8	197	8	1.5	8	74	2	25
5B (Hopi)	2016	8/19- 9/01	2	2	2	100.0	2	13	1	50
6B North	2012	8/24- 9/06	10	35	10	17.1	10	80	0	0
6B North	2013	8/23- 9/05	10	32	10	6.3	10	85	0	0
6B North	2014	8/22- 9/04	10	31	10	25.8	10	83	0	0
6B North	2015	8/21- 9/03	10	40	10	20.0	10	71	1	10

## Pronghorn Antelope Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
6B North	2016	8/19- 9/01	10	26	10	11.5	8	29	1	13
7	2012	8/24- 9/06	5	50	5	8.0	5	58	0	0
7	2013	8/23- 9/05	5	78	5	6.4	3	35	0	0
7	2014	8/22- 9/04	10	113	10	7.1	10	73	6	60
7	2015	8/21- 9/03	10	120	10	5.0	10	80	5	50
7	2016	8/12- 8/25	10	120	10	5.0	10	73	6	60
9	2012	8/24- 9/06	5	74	5	2.7	5	46	1	20
9	2013	8/23- 9/05	5	64	5	6.3	3	22	0	0
9	2014	8/22- 9/04	5	66	5	6.1	5	25	3	60
9	2015	8/21- 9/03	5	91	5	2.2	5	40	5	100
9	2016	8/12- 8/25	5	103	5	4.9	5	60	5	100
10	2012	8/24- 9/06	60	440	60	8.2	58	388	16	28
10	2013	8/23- 9/05	65	458	65	9.4	59	457	13	22
10	2014	8/22- 9/04	65	381	65	9.7	65	453	20	31
10	2015	8/21- 9/03	70	436	70	8.7	65	541	19	29
10	2016	8/19- 9/01	70	426	70	7.7	70	483	27	39
11M	2012	8/24- 9/13	5	30	5	13.3	4	28	0	0
11M	2013	8/23- 9/12	5	40	5	5.0	5	30	2	40
11M	2014	8/22- 9/11	5	65	5	7.7	5	53	0	0
11M	2015	8/21- 9/10	5	71	5	4.2	4	29	1	25
11M	2016	8/21- 9/08	5	62	5	4.8	5	52	0	0
12	2012	8/24- 9/06	3	11	3	18.2	3	13	1	33
12	2013	8/23- 9/05	3	8	3	25.0	2	11	0	0
12	2014	8/22- 9/04	3	25	3	4.0	3	24	0	0
12	2015	8/21- 9/03	3	13	3	15.4	3	38	2	67
12A/12B	2016	8/19- 9/01	3	17	3	11.8	3	15	0	0
15A/15B	2012	8/24- 9/06	4	26	4	11.5	4	28	4	100
15A/15B	2013	8/23- 9/05	3	31	3	9.7	3	18	0	0
15A/15B	2014	8/22- 9/04	2	31	2	6.5	2	11	1	50
15A/15B	2015	8/21- 9/03	2	20	2	5.0	0	0	0	-
15A/15B	2016	8/19- 9/01	2	19	2	10.5	2	10	2	100
17B	2012	8/10- 8/23	3	23	3	8.7	3	20	2	67
17B	2012	8/24- 9/06	3	11	3	18.2	3	12	2	67
17B/19B	2013	8/09- 8/22	5	80	5	5.0	5	18	5	100
17B/19B	2013	8/23- 9/05	5	33	5	12.1	5	20	5	100
17B/19B	2014	8/08- 8/21	5	89	5	4.5	5	33	5	100
17B/19B	2014	8/22- 9/04	5	40	5	0.0	5	20	5	100
17B/19B	2015	8/07- 8/20	5	112	5	3.6	5	26	3	60
17B/19B	2015	8/21- 9/03	5	38	5	7.9	5	30	3	60
17B/19B	2016	8/05- 8/18	5	167	5	3.0	5	18	5	100
18A	2012	8/24- 9/06	10	51	10	17.6	10	44	6	60
18A	2013	8/23- 9/05	10	62	10	8.1	10	48	2	20
18A	2014	8/22- 9/04	10	69	10	11.6	10	42	0	0
18A	2015	8/21- 9/03	10	67	10	10.4	8	48	8	100
18A (early)	2016	8/19- 9/01	10	79	10	12.7	10	48	8	80
18B (early)	2012	8/24- 9/06	15	45	15	15.6	14	92	5	36
18B (early)	2013	8/23- 9/05	5	34	5	5.9	5	31	3	60
18B (early)	2014	8/22- 9/04	5	39	5	5.1	5	27	2	40
18B (early)	2015	8/21- 9/03	5	55	5	7.3	5	28	5	100
18B (early)	2016	8/19- 9/01	5	43	5	7.0	3	22	0	0
19A (early)	2012	8/10- 8/23	30	320	30	8.1	30	183	15	50
19A (late)	2012	8/24- 9/06	30	96	30	16.7	30	205	7	23
19A (early)	2013	8/09- 8/22	30	423	30	5.9	30	144	16	53
19A (late)	2013	8/23- 9/05	30	107	30	9.3	30	183	13	43
19A (early)	2014	8/08- 8/21	30	399	30	6.8	30	146	21	70
19A (late)	2014	8/22- 9/04	30	80	30	12.5	26	182	12	46
19A (early)	2015	8/07- 8/20	20	332	20	5.4	20	100	14	70
19A (late)	2015	8/21- 9/03	20	114	20	3.5	17	65	15	88
19A (early)	2016	8/19- 8/25	20	358	20	3.9	18	69	7	39
19A (late)	2016	8/26- 9/01	20	59	20	13.6	20	103	3	15
19B/19B	2016	8/19- 9/01	5	54	5	0.0	5	15	3	60
19B North	2012	8/24- 9/06	5	61	5	4.9	5	25	5	100
21	2012	8/24- 9/06	15	76	15	13.2	15	123	3	20

## Pronghorn Antelope Harvest Data

*5-Year: 2012-2016 Harvest*

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
21	2013	8/23- 9/05	15	54	15	18.5	15	131	0	0
21	2014	8/22- 9/04	10	82	10	11.0	10	82	4	40
21	2015	8/21- 9/03	10	59	10	10.2	7	27	3	43
21	2016	8/19- 9/01	10	80	10	8.8	10	43	0	0
27	2012	8/24- 9/06	1	11	1	9.1	0	0	0	-
31/32	2012	8/24- 9/06	6	57	6	8.8	5	17	0	0
31/32	2013	8/23- 9/05	6	69	6	8.7	6	60	0	0
31/32	2014	8/22- 9/04	4	42	4	7.1	4	40	0	0
31/32	2015	8/21- 9/03	4	36	4	2.8	4	14	4	100
31/32	2016	8/19- 9/01	4	32	4	12.5	4	22	4	100
34B	2016	8/19- 9/01	1	58	1	1.7	1	11	1	100
CN	2012	8/24- 9/06	4	3	4	100.0	4	28	0	0
CN	2013	8/23- 9/05	4	3	4	100.0	2	20	0	0
CN	2014	8/22- 9/04	4	12	4	33.3	0	0	0	-
CN	2015	8/21- 9/03	4	10	4	30.0	2	10	0	0
CN	2016	8/19- 9/01	6	9	6	66.7	6	72	0	0
FTHU	2013	8/23- 9/05	1	4	1	25.0	1	2	0	0
FTHU	2014	8/22- 9/04	1	16	1	6.3	1	2	1	100

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# Elk (*Cervus elaphus*)

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## *Natural History*

Elk were at one time thinly distributed in Arizona from the White and Blue mountains westward along the Mogollon Rim to near the San Francisco Peaks. These native elk were eliminated sometime prior to 1900. In February 1913, private conservationists released 83 elk from Yellowstone National Park into Cabin Draw near Chevelon Creek. These, and two other transplants of Yellowstone elk in the 1920s—one south of Alpine, and another north of Williams—were great successes, and Arizona's elk population has now grown to approximately 30,000-35,000 post-hunt adults.

Mountain meadows, ponderosa pine woodlands, spruce-fir forests, and other high elevation habitats between 7,000 and 10,500 feet elevation constitute the elk's principal summer range. Elk are rarely found more than one-half mile from water and tend to stay on the summer range as long as possible, arriving early in the year and remaining until forced down by deep snow. Their winter range, which is usually between 5,500 and 6,500 feet elevation, is more limited in extent and may only comprise about 10 percent of the animal's total habitat. Here, in the pinyon-juniper zone, elk remain until melting snows allow them to migrate upward.

Elk have distinct summer and winter coats, which they shed in late summer and spring, respectively. In winter, the head, belly, neck, and legs are dark brown, and the sides and back are a grayish-brown; the rump patch is a yellowish color bordered by a dark brownish stripe. While females are usually somewhat lighter in color than bulls, both sexes have heavy dark manes. In summer, the coat becomes a deep reddish brown. Elk have little to no undercoat, giving them a sleek, muscular appearance.

Calves are born between late May and early June after an 8-month gestation period. They are dark russet in color with white spots on the back and sides. Newly born calves weigh an average of nearly 30 pounds, with males averaging 4 pounds more than females. Twins are extremely rare.

When the time comes to give birth, a cow will drive off her previous year's calf and separate from the herd to seek out an area of dense cover for a nursery. Within hours after birth, the newborn is able to move and is led from the birthing spot to a safer place. After a week,

the mother will band with other cow elk, and after two to three weeks, the calves, now able to run, will join the herd. Some of these matriarchal bands may number in the hundreds. By September, the calves will have shed their spotted coats and will be behaving much like their mothers.

An elk's natural life span is about 14 to 16 years for males and 15 to 17 for females, even though tagged animals of more than 25 years old have been documented.

Antler development and size is a function of age, the older, larger bulls having the most developed antlers. Old bulls shed their antlers between January and March, and yearling males sometime between March and June. As soon as antlers are shed, new ones begin growing, so it is possible to see yearlings with old spikes and bulls in velvet at the same time. The antlers continue to grow for a



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period ranging from 90 days for yearlings to 150 days for adult bulls.

By early August, antler growth is complete. The now dry velvet is stripped off the hardened antlers in a matter of hours as the bull polishes them against trees. By early September, the bull is in the rut, and bugling and harem formation occurs. Harems may number up to 30, depending on the size and vigor of the bull, but usually average 15 to 20.

A large bull may weigh up to 1,200 pounds, but most range between 600 to 800 pounds. The live weight of mature cows ranges from 450 to 600 pounds. Elk evolved as distance runners and can approach speeds of 40 mph for short periods, and maintain speeds of nearly 30 mph for longer periods. They are also strong swimmers—even calves can swim more than a mile—and high jumpers; a

10-foot fence may not stop an adult.

Elk are grass-eating animals, and one of the requirements of feeding in open country is to always be on the alert for danger. As herd animals, some elk can always be watching for predators while the others feed.



**Elk distribution**

### *Hunt History*

As with many game species in Arizona, elk hunting has had its ups and downs. With native elk having been extirpated, the closed season imposed by the territorial legislature in 1893 was too little too late. The releases of Yellowstone elk between 1913 and 1929 were successful, however, and in 1935 the population was deemed sufficient to support a limited, 266-permit bull hunt. One hundred and forty-five elk were harvested, and hunts were continued every year through 1943.

Because of World War II, no season was conducted in 1944 or 1945, but a limited hunt, which included the issuance of the first cow elk permits, was again authorized in 1946. Elk hunting opportunities expanded almost annually as biologists and ranchers feared that Arizona's elk population might now "rise out of control." These concerns culminated in 1953 when 6,288 permits were issued and 1,558 elk were taken—more than 1,000 of which were cows. Because of concerns about the "slaughter," elk permits were greatly curtailed in 1954 and remained below 5,000 until 1965, when more than 6,000 permits were again authorized. By 1967, elk permit numbers were exceeding 7,000, and the annual harvest exceeded 1,500 elk.

Once again, elk permits were gradually lowered, although new hunts, including archery hunts, were being initiated.

By the mid-1980s, elk, and elk permit numbers, were again headed upward. This trend culminated in 1994, when nearly 11,000 elk were harvested—a number unimaginable just 20 years earlier. Since then, elk numbers and harvests have remained at a high level with about 9,000 elk taken each year. This situation is expected to continue for the foreseeable future as wildlife managers and land managers continue to balance habitat quality and elk-livestock competition.

# Elk Survey Data

## *Historic Summary of Elk Survey Data*

Year	Spike	Bull	Cow	Calf	Unclassified	Total	Bulls <sup>1</sup> /100 Cows	Calves/100 Cows
1947	17	89	332	129	0	567	32	39
1948	44	138	357	182	0	721	51	51
1949	45	101	309	129	0	584	47	42
1950	30	91	290	141	0	552	42	49
1951	27	121	293	116	4	561	51	40
1952	11	93	241	93	0	438	43	39
1953	35	92	206	78	0	411	62	38
1954	14	77	202	79	35	407	45	39
1955	21	88	221	73	37	440	49	33
1956	14	48	122	54	15	253	51	44
1957	13	70	111	48	34	276	75	43
1958	10	62	74	40	16	202	97	54
1959	22	87	152	79	49	389	72	52
1960	23	43	127	70	37	300	52	55
1961	33	83	172	80	23	391	67	47
1962	18	51	164	86	16	335	42	52
1963	53	111	288	138	54	644	57	48
1964	25	94	228	124	51	522	52	54
1965	41	86	284	167	57	635	45	59
1966	54	121	387	233	41	836	45	60
1967	100	124	446	267	24	961	50	60
1968	39	132	486	271	21	949	35	56
1969	61	147	526	296	40	1070	40	56
1970	53	96	469	256	96	970	32	55
1971	86	148	495	267	270	1266	47	54
1972	67	126	471	274	150	1088	41	58
1973	56	88	438	280	230	1092	33	64
1974	60	126	597	353	244	1380	31	59
1975	68	139	598	393	192	1390	35	66
1976	85	148	546	330	158	1267	43	60
1977	93	185	678	404	117	1477	41	60
1978	122	158	775	473	68	1596	36	61
1979	156	196	1142	602	66	2162	31	53
1980	53	109	601	338	82	1183	27	56
1981	125	276	1121	618	199	2339	36	55
1982	163	154	1264	707	86	2374	25	56
1983	175	199	1186	691	43	2294	32	58
1984	365	281	2032	1172	131	3981	32	58
1985	286	250	1693	978	285	3492	32	58
1986	274	245	1827	903	204	3453	28	49
1987	384	405	2671	1504	203	5167	30	56
1988	447	434	2810	1537	263	5491	31	55
1989	752	599	4306	2142	461	8260	31	50
1990	647	678	4405	1813	198	7741	30	41
1991	639	869	5354	2860	931	10653	28	53
1992	947	895	5647	2671	399	10559	33	47
1993	926	889	7698	3892	324	13729	24	51
1994	934	1080	6530	2807	591	11942	31	43
1995	837	1111	6793	2809	105	11655	29	41
1996	869	1348	7493	2559	255	12524	30	34
1997	727	1383	6461	2423	178	11172	33	38
1998	670	1535	7052	3440	131	12828	31	49
1999	986	1330	6397	2901	432	12046	36	45
2000	965	1300	7684	3013	161	13123	29	39
2001	400	1224	4540	1251	29	7444	36	28
2002	344	1217	5409	1842	53	8865	29	34
2003	489	1460	4732	1589	117	8387	41	34
2004	493	1347	4585	2289	195	8909	40	50
2005	378	1082	4136	1894	62	7552	35	46
2006	592	1261	4984	1847	170	8854	37	37
2007	473	1077	4328	1641	2	7521	36	38

<sup>1</sup>Includes spikes

# Elk Survey Data

## *Historic Summary of Elk Survey Data*

Year	Spike	Bull	Cow	Calf	Unclassified	Total	Bulls <sup>1</sup> /100 Cows	Calves/100 Cows
2008	336	1186	3764	1448	29	6763	40	38
2009	446	1133	4698	1858	75	8210	34	40
2010	415	816	3508	1199	4	5942	35	34
2011	321	977	4324	1764	284	7670	30	41
2012	493	1300	4829	1964	358	8944	37	41
2013	585	1313	5274	2139	195	9506	36	41
2014	509	1109	4553	1647	214	8032	36	36
2015	757	1437	6667	2547	225	11633	33	38
2016	534	1071	4917	1708	99	8329	33	35

<sup>1</sup>Includes spikes

## *5-Year: 2012-2016 Elk Survey Data*

Unit	Year	Spike	Adult Bull	Cow	Calf	Unclassified	Total	Bulls <sup>1</sup> / 100 Cows	Calves/ 100 Cows
1	2012	75	240	817	331	0	1463	39	41
1	2013	88	184	849	345	145	1611	32	41
1	2014	101	181	645	313	98	1338	44	49
1	2015	102	187	863	363	128	1643	33	42
1	2016	76	125	497	144	1	843	40	29
2A/2B	2014	1	7	24	16	0	48	33	67
3A/3C	2012	10	32	100	51	0	193	42	51
3A/3C	2013	32	74	287	122	0	515	37	43
3A/3C	2014	8	17	125	67	0	217	20	54
3A/3C	2015	38	73	448	186	0	745	25	42
3A/3C	2016	28	64	293	133	62	580	31	45
3B	2012	12	41	119	43	0	215	45	36
3B	2013	21	30	205	54	0	310	25	26
3B	2014	11	41	69	29	0	150	75	42
3B	2015	14	11	58	29	0	112	43	50
3B	2016	13	34	117	55	0	219	40	47
4A	2012	37	39	271	124	0	471	28	46
4A	2013	17	44	312	108	0	481	20	35
4A	2014	47	54	297	111	2	511	34	37
4A	2015	23	27	208	87	50	395	24	42
4A	2016	21	29	188	77	1	316	27	41
4B	2012	4	20	63	38	0	125	38	60
4B	2013	8	19	61	36	0	124	44	59
4B	2015	17	33	127	64	0	241	39	50
5A	2012	26	61	258	96	1	442	34	37
5A	2013	22	54	195	84	3	358	39	43
5A	2014	20	66	165	69	8	328	52	42
5A	2015	28	51	193	66	23	361	41	34
5A	2016	31	51	318	128	3	531	26	40
5B	2012	46	74	536	204	0	860	22	38
5B	2013	12	115	440	185	0	752	29	42
5B	2014	61	75	719	193	0	1048	19	27
5B	2015	141	233	1252	430	0	2056	30	34
5B	2016	99	198	812	239	0	1348	37	29
6A	2012	5	57	219	104	6	391	28	47
6A	2013	12	17	238	88	0	355	12	37
6A	2014	15	30	192	71	0	308	23	37
6A	2015	51	65	456	121	1	694	25	27
6A	2016	16	53	300	107	3	479	23	36
6B	2012	22	84	197	83	139	525	54	42
6B	2013	29	22	223	76	0	350	23	34
6B	2014	21	26	152	51	0	250	31	34
6B	2015	17	26	167	68	0	278	26	41
6B	2016	13	12	239	80	1	345	10	33
7 East	2012	13	28	63	28	0	132	65	44
7 East	2013	27	85	190	90	24	416	59	47
7 East	2014	11	36	75	41	13	176	63	55
7 East	2015	1	28	19	11	1	60	153	58
7 West	2012	17	18	102	43	0	180	34	42

# Elk Survey Data

## 5-Year: 2012-2016 Elk Survey Data

Unit	Year	Spike	Adult Bull	Cow	Calf	Unclassified	Total	Bulls/ <sup>1</sup> 100 Cows	Calves/ 100 Cows
7 West	2013	40	63	179	89	0	371	58	50
7 West	2014	17	24	128	49	0	218	32	38
7 West	2015	16	59	132	74	0	281	57	56
7 West	2016	22	19	76	51	0	168	54	67
8	2012	55	64	397	212	0	728	30	53
8	2013	70	108	440	212	0	830	40	48
8	2014	31	27	215	77	66	416	27	36
8	2015	40	77	314	156	0	587	37	50
8	2016	15	16	92	35	25	183	34	38
9	2012	29	56	180	78	0	343	47	43
9	2013	32	66	228	92	0	418	43	40
9	2014	19	77	100	47	19	262	96	47
9	2015	13	109	147	49	2	320	83	33
9	2016	13	80	185	63	3	344	50	34
10	2012	23	69	265	84	202	643	35	32
10	2013	29	83	229	99	0	440	49	43
10	2014	8	54	117	42	0	221	53	36
10	2015	28	102	360	136	18	644	36	38
10	2016	16	54	300	100	0	470	23	33
16A	2013	3	6	26	13	0	48	35	50
16A	2015	0	1	3	0	0	4	33	0
18B	2013	9	0	79	30	0	118	11	38
19A	2013	1	1	20	7	0	29	10	35
21	2012	4	18	77	37	0	136	29	48
21	2013	5	20	27	6	0	58	93	22
21	2014	5	26	28	2	0	61	111	7
21	2016	5	15	20	0	0	40	100	0
22	2012	56	122	424	146	1	749	42	34
22	2013	48	108	440	182	2	780	35	41
22	2014	39	120	478	134	0	771	33	28
22	2015	49	73	349	143	0	614	35	41
22	2016	72	113	477	167	0	829	39	35
23	2012	25	93	256	79	0	453	46	31
23	2013	17	87	40	110	19	573	31	32
23	2014	29	106	438	134	0	707	31	31
23	2015	48	73	444	145	0	710	27	33
23	2016	38	119	435	155	0	747	36	36
24A	2016	0	1	0	0	0	1	-	-
27	2012	34	184	485	183	9	895	45	38
27	2013	63	127	266	111	2	569	71	42
27	2014	50	119	461	147	0	777	37	32
27	2015	101	163	579	229	0	1072	46	40
27	2016	31	66	276	79	0	452	35	29
CN	2012	42	22	482	217	1	764	13	45
CN	2013	16	13	378	148	50	605	8	39
CN	2014	15	23	125	54	8	225	30	43
CN	2015	30	46	548	190	2	816	14	35
CN	2016	25	22	292	95	0	434	16	33
CN	2012	42	22	482	217	1	764	13	45
CN	2013	16	13	378	148	50	605	8	39
CN	2014	15	23	125	54	8	225	30	43
CN	2015	30	46	548	190	2	816	14	35

<sup>1</sup> Include spikes

CN = Camp Navajo

# Elk Hunt Data

## *Historic Summary of General Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest <sup>1</sup>					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1935	–	–	266	–	137	8	0	0	145	55
1936	–	–	249	–	76	9	0	0	85	34
1937	–	–	230	–	47	18	0	0	65	28
1938	–	–	169	–	68	17	0	0	85	50
1939	–	–	238	–	77	27	6	0	110	46
1940	–	–	229	–	76	19	0	0	95	41
1941	–	–	581	–	114	19	0	0	133	23
1942	–	–	1167	–	223	96	0	0	319	27
1943	–	–	2047	–	152	98	0	0	250	12
1946	–	–	498	–	103	0	13	0	116	23
1947	–	–	1616	–	246	0	255	0	501	31
1948	–	–	2200	–	453	0	467	0	920	42
1949	–	2850	2675	–	290	0	566	0	856	32
1950	–	4250	3685	–	413	1	1070	0	1484	40
1951	–	6023	5788	–	467	41	1185	0	1693	29
1952	–	5476	5192	–	302	42	845	0	1189	23
1953	–	6288	6015	–	380	124	1054	0	1558	26
1954	–	2985	2846	–	176	58	395	0	629	22
1955	–	2225	2096	–	207	58	347	0	612	29
1956	–	1750	1581	–	115	29	119	39	302	19
1957	–	1275	1074	–	123	0	0	0	123	11
1958	–	1483	1321	–	181	0	0	0	181	14
1959	–	–	1136	–	282	0	0	0	282	25
1960	–	–	1661	–	312	93	131	54	590	36
1961	–	–	1492	–	343	104	107	34	588	39
1962	–	–	2266	–	402	110	172	86	770	34
1963	–	–	3184	–	528	180	339	107	1154	36
1964	–	–	4060	–	566	163	338	126	1193	29
1965	–	–	4941	–	590	185	426	168	1369	28
1966	7811	–	5687	–	709	241	500	188	1638	29
1967	7730	–	6526	–	745	304	442	191	1682	26
1968	8379	–	5845	–	613	279	376	135	1403	24
1969	9843	–	5771	–	551	266	355	87	1259	22
1970	11888	–	5208	–	500	239	202	77	1018	20
1971	10812	–	4866	–	742	407	330	105	1584	33
1972	12644	5561	5177	–	423	279	267	84	1053	20
1973	16078	5675	5321	–	460	296	295	91	1142	21
1974	18623	5972	5685	27227	437	368	309	72	1186	21
1975	19504	5758	5088	21248	443	317	172	44	976	19
1976	20511	5915	5528	23808	478	438	343	89	1348	24
1977	23198	6145	5792	26294	556	376	406	71	1409	24
1978	26745	5935	5502	22409	571	510	425	95	1601	29
1979	27041	5800	5456	24344	534	485	390	65	1474	27
1980	28198	5850	5479	26554	584	499	422	68	1573	29
1981	28286	5385	5093	22952	796	606	390	81	1873	37
1982	26507	5720	5522	24529	816	735	400	96	2047	37
1983	29572	6060	5757	24741	732	776	405	96	2009	35
1984	28780	6005	5791	24496	995	1031	442	74	2542	44
1985	31121	6730	6450	25782	1159	1169	867	220	3415	53
1986	33437	6385	6202	27613	1155	1115	592	126	2988	48
1987	34995	6300	6164	26477	1209	1010	693	91	3003	49
1988	37289	6955	6785	25600	1376	1165	1162	224	3927	58
1989	38965	7975	7796	28980	1473	1144	1069	184	3870	50
1990	41616	8585	8389	29148	1790	1233	1510	188	4721	56
1991	41415	9718	9349	30811	2047	1207	1784	271	5309	57
1992	49054	10491	10207	34757	2028	1351	2067	262	5708	56
1993	51919	11579	11309	38157	2011	962	3106	445	6524	58
1994	60849	14683	14382	46962	2201	1121	4867	630	8819	61
1995	63582	14891	14613	50862	2368	794	4132	522	7816	53
1996	63003	14229	13897	46444	2553	936	4262	512	8263	59
1997	66013	11683	11398	41591	2590	583	2490	306	6269	55
1998	66823	12110	11832	43552	2423	664	2744	385	6216	53

<sup>1</sup>In some years prior to 1960, spikes and calves were not differentiated from bulls and cows.

# Elk Hunt Data

## *Historic Summary of General Elk Hunts (continued)*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest <sup>1</sup>					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1999	71839	15538	15158	55291	2082	724	4037	556	7399	49
2000	66652	15460	14940	54195	2260	724	3956	475	7415	50
2001	70809	18285	17628	66564	2214	393	4348	375	7330	42
2002	69798	16265	15767	62497	2276	282	3482	309	6349	40
2003	71514	13402	12983	52398	1949	313	2690	288	5240	40
2004	76542	14967	14399	56288	2159	357	3191	405	6112	42
2005	64684	15856	15254	63702	2077	367	3034	376	5585	38
2006	66873	16321	15773	68255	2303	532	3369	340	6544	41
2007	65190	16848	16189	72481	2412	496	3221	373	6502	40
2008	52044	17756	16968	77827	2712	444	3188	371	6715	40
2009	50032	18174	17408	77711	2505	413	3396	427	6741	39
2010	51137	18900	18021	83439	2640	414	2303	217	5574	31
2011	52139	16613	15815	71832	2729	321	2975	276	6301	40
2012	59231	15982	15178	70774	2307	378	2797	253	5735	38
2013	62356	17097	16180	73139	2441	343	3077	262	6123	38
2014	62993	17092	15986	74869	2711	367	2992	221	6291	39
2015	67985	16741	15946	71812	2608	421	3222	333	6584	41
2016	70146	16526	15439	70804	2590	606	3348	240	6784	44

<sup>1</sup>In some years prior to 1960, spikes and calves were not differentiated from bulls and cows.

## *Historic Summary of Youth-Only Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1994	269	75	75	233	0	0	23	8	31	41
1995	291	100	100	233	0	0	59	6	65	65
1996	409	175	173	466	0	0	94	9	103	60
1997	654	200	195	526	0	0	101	14	115	59
1998	927	400	391	1061	0	0	208	31	239	61
1999	1372	1185	1162	3017	0	0	574	88	662	57
2000	2022	1200	1173	2959	0	0	638	68	706	60
2001	2416	1370	1352	3744	0	0	543	50	593	43
2002	2705	1088	1066	2923	0	0	498	51	549	52
2003	2744	1076	1054	2891	0	0	470	62	532	50
2003	2744	1076	1054	2891	0	0	470	62	532	50
2004	2668	1025	996	2555	0	0	532	76	608	61
2005	2462	1161	1123	3139	0	0	459	68	527	47
2006	2580	1142	1100	3286	0	0	532	53	585	53
2007	3017	1181	1100	3286	0	0	618	59	677	60
2008	2817	1335	1288	3786	0	0	573	92	665	52
2009	2998	1335	1273	3862	0	0	658	103	761	60
2010	3581	1347	1309	4081	0	0	547	46	593	45
2011	3773	1139	1105	3616	0	0	562	55	617	56
2012	3699	1030	986	2973	0	0	538	77	615	62
2013	3967	1160	1121	3475	0	0	553	81	634	57
2014	4671	1143	722	2763	0	0	97	0	97	13
2015	4840	1218	1166	3628	0	0	192	18	490	64
2016	4839	1218	860	2500	0	0	663	7	670	78

## *Historic Summary of Muzzleloader Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1980	138	80	77	429	1	1	6	0	8	10
1981	98	50	49	200	6	0	0	0	6	12
1982	381	200	194	805	43	7	0	0	50	26
1983	420	130	124	518	37	2	0	0	39	31
1984	854	150	149	535	36	9	21	10	76	51
1985	880	200	197	811	37	8	11	3	59	30
1986	1030	200	200	753	57	12	25	1	95	48
1987	1307	200	194	805	51	16	17	3	87	45
1988	1215	225	222	809	56	12	69	4	141	64
1989	1089	225	225	766	42	12	74	10	138	61
1990	1389	225	223	886	47	3	37	10	97	43

## Elk Hunt Data

### *Summary of Muzzleloader Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1991	1876	265	263	1066	116	11	19	4	150	57
1992	1313	410	405	1472	46	8	150	18	222	55
1993	2244	451	450	1766	145	16	89	14	264	59
1994	2953	752	729	2796	133	12	167	36	348	48
1995	2707	766	753	2788	128	6	238	38	410	54
1996	4227	723	703	2802	96	5	156	22	279	40
1997	4486	937	919	3588	172	26	125	23	346	38
1998	3819	1120	1076	3947	163	24	217	20	424	39
1999	4118	1183	1148	4438	159	38	198	28	423	37
2000	5115	1168	1118	4033	225	27	199	47	498	45
2001	3591	1495	1437	5580	209	13	235	21	478	33
2002	5287	1015	977	3874	186	21	101	4	312	32
2003	5457	1087	1054	4332	180	17	147	24	368	35
2004	4814	1325	1279	5082	255	20	245	28	548	43
2005	4672	1276	1217	5116	203	31	161	28	423	35
2006	5238	1161	1101	4743	229	33	164	5	431	39
2007	4858	1206	1179	4963	208	45	200	36	489	41
2008	4723	1386	1327	6139	253	59	236	35	583	41
2009	5523	1336	1285	6344	280	31	202	28	541	42
2010	4900	1246	1195	5980	255	33	161	12	461	39
2011	4580	1168	1102	5544	237	25	166	17	445	40
2012	5142	1156	1102	5196	249	30	178	22	479	43
2013	5523	1171	1129	5527	228	14	134	19	395	35
2014	5932	1198	1134	5378	240	40	192	18	490	43
2015	6702	1299	1249	5743	298	29	203	36	566	45
2016	5906	1224	1161	5727	269	65	226	10	570	49

### *Summary of Archery Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
1978	3756	2865	2552	16941	62	38	46	1	147	6
1979	3854	2990	2802	19069	110	74	68	2	254	9
1980	4265	3450	3268	22590	164	57	91	9	321	10
1981	5037	2925	2805	18562	136	41	48	9	234	8
1982	5092	3600	3469	23906	154	75	61	12	302	9
1983	4454	3935	3775	25370	216	93	93	10	412	11
1984	4738	3760	3627	24543	208	105	80	12	405	11
1985	4954	3810	3696	24602	198	127	136	24	485	13
1986	5574	3699	3613	24471	281	135	125	26	567	16
1987	6236	3680	3599	25528	301	152	161	29	643	18
1988	6807	3615	3538	24391	308	123	188	17	636	18
1989	7776	3925	3837	27019	418	161	254	15	848	22
1990	8357	4230	4152	28730	545	126	191	19	881	21
1991	8900	4806	4729	33141	549	137	381	39	1106	23
1992	9831	5315	5184	35902	675	178	459	46	1358	26
1993	10201	5318	5225	38027	587	151	479	56	1273	24
1994	11256	6880	6731	46661	775	192	754	67	1788	27
1995	12167	6780	6654	47049	874	160	750	50	1834	28
1996	12898	5756	5638	41417	518	121	514	38	1191	21
1997	13807	6151	6033	43221	887	84	547	44	1562	26
1998	15301	5386	5288	35826	1074	65	631	55	1825	35
1999	17506	5440	5303	38333	743	74	475	42	1334	25
2000	18268	7168	6978	49801	675	129	998	79	1881	27
2001	17907	8507	8271	54328	1169	79	922	57	2227	27
2002	18581	5827	5662	42505	460	14	541	29	1044	18
2003	18833	6708	6537	47439	1042	57	737	59	1895	29
2004	20597	5577	5435	39360	962	35	584	56	1637	30
2005	20869	6676	6491	46313	1143	82	890	78	2193	34

# Elk Harvest Data

## *Summary of Archery Elk Hunts*

Year	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Harvest					Percent Success
					Bulls	Spikes	Cows	Calves	Total	
2006	22653	6510	6367	45887	919	55	776	43	1793	28
2007	24684	5132	4963	38251	910	62	458	33	1463	29
2008	21625	5883	5675	44982	1241	73	357	23	1694	30
2009	20494	5891	5669	47879	954	73	356	27	1410	25
2010	19423	5714	5554	43636	979	60	253	21	1313	24
2011	19699	5716	5516	46516	760	62	143	13	978	18
2012	21464	5587	5239	41807	1408	104	282	10	1804	34
2013	23039	6257	6005	48723	1292	117	212	19	1640	
2014	23416	5904	5622	46366	1261	146	223	12	1642	29
2015	24971	5976	5741	47268	1349	84	229	35	1697	30
2016	25263	5918	5610	45177	1335	164	244	13	1756	31

### *5-Year: 2012-2016 Harvest*

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
1	AM	2012	ALS	8/03-8/12	10	16	10	43.8	6	38	0	0	2	0	2	33
1	AM	2013	ALS	8/02-8/11	10	9	10	66.7	10	33	0	0	5	0	5	50
1	AM	2014	ALS	8/01-8/31	5	10	5	40	3	13	0	0	0	0	0	0
1	AM	2012	ALS	8/17-8/26	10	2	10	100	10	40	0	0	5	5	10	100
1	AM	2013	ALS	8/16-8/25	10	2	10	100	8	28	0	0	2	0	2	25
1	AM	2012	ALS	8/31-9/09	10	2	10	100	10	44	0	0	1	0	1	10
1	AM	2013	ALS	8/30-9/08	10	7	10	42.9	8	30	0	0	5	0	5	63
1	AM	2012	ALS	9/28-10/07	10	7	10	71.4	10	50	0	0	0	2	2	20
1	AM	2013	ALS	9/27-10/06	10	14	10	42.9	10	41	0	0	1	1	2	20
1	AM	2014	ALS	10/03-10/26	5	3	5	100	5	18	0	0	0	0	0	0
1	AM	2015	ALS	10/02-10/25	5	8	5	50	3	13	0	0	3	0	3	100
1	AM	2012	ALS	10/12-10/21	10	2	10	100	5	35	0	0	0	0	0	0
1	AM	2013	ALS	10/11-10/20	10	7	10	57.1	10	33	0	0	0	0	0	0
1	AM	2012	ALS	10/26-11/04	10	2	10	100	10	55	0	0	0	0	0	0
1	AM	2013	ALS	10/25-11/03	10	5	10	60	10	62	0	0	0	0	0	0
1	AM	2015	ALS	7/31-8/30	5	8	5	50	0	0	0	0	0	0	0	-
1	AM	2016	ALS	7/29-8/28	5	6	5	50	4	78	0	0	0	0	0	0
1	AM	2016	ALS	9/30-10/23	5	3	5	100	5	25	0	0	3	0	3	60
1	ES	2012	ALS	12/07-12/13	75	41	75	48.8	72	305	0	0	23	0	23	32
1	ES	2013	ALS	12/06-12/12	75	59	75	72.9	66	270	0	0	6	0	6	9
1	ES	2014	ALS	12/05-12/11	75	42	75	71.4	75	269	0	0	35	0	35	47
1	ES	2015	ALS	12/04-12/10	75	47	75	76.6	66	272	0	0	40	5	45	68
1	ES	2016	ALS	12/02-12/08	75	51	75	66.7	72	263	0	0	38	0	38	53
1	FT	2012	ALS	8/03-8/12	5	3	5	100	4	14	0	0	0	0	0	0
1	FT	2012	ALS	8/17-8/26	5	1	5	100	5	25	0	0	0	0	0	0
1	FT	2012	ALS	8/31-9/09	5	0	5	-	0	0	0	0	0	0	0	-
1	FT	2012	ALS	9/28-10/07	5	1	5	100	5	23	0	0	0	0	0	0
1	FT	2012	ALS	10/12-10/21	5	0	5	-	5	13	0	0	0	0	0	0
1	FT	2012	ALS	10/26-11/04	5	1	5	100	0	0	0	0	0	0	0	-
1	FT	2012	ALS	12/07-12/16	5	3	5	100	0	0	0	0	0	0	0	-
1	FT	2012	ALS	12/21-12/31	5	3	5	100	5	14	0	0	0	0	0	0
1	CH	2012	AE	10/19-10/25	10	110	10	8.2	10	27	6	1	3	0	10	100
1	CH	2013	AE	10/18-10/24	10	117	10	6	10	31	7	0	0	0	7	70
1	CH	2014	AE	10/17-10/23	10	134	10	6.7	10	30	7	0	0	0	7	70
1	CH	2015	AE	10/16-10/22	10	141	10	6.4	10	37	7	0	0	0	7	70
1	CH	2016	AE	10/14-10/20	10	171	10	5.3	0	0	0	0	0	0	0	-

BE = Early Bull, B = Bull, ALS = Antlerless, AE = Any Elk, CN = Camp Navajo, CH = CHAMP Hunt, DV = Disabled Veteran, WW = Wounded Warrior

Herd-Units: AM = Antelope Mountain Hunt Area in Unit 1, CC= Canyon Creek in Unit 23, CC = Coon Canyon and Flat Top Hunt Areas in Unit 1, CF = Coon Canyon and Flat Top Hunt Areas in Unit 1, DL= Dry Lake, ES (Unit 1) = Escudilla, FT = Flat Top Hunt Areas in Unit 1, HM = Hutch Mtn., M=Martinez, ML = Marshall Lake, MM = Melatone Mesa, P = Peaks Hunt Area in Unit 7 East, RV = Round Valley, SM = East Sunset/West Sunset/ Meteor Crater, ST = East Sunset/West Sunset, TT= Twin Arrows/Two Guns/Grapevine, VV = Verde Valley.

# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
1/2B/2C		2015	BE	9/25 -10/01	40	7140	40	0.5	40	89	37	0	0	0	37	93
1/2B/2C		2013	BE	9/27 -10/03	50	6715	50	0.7	50	162	50	0	0	0	50	100
1/2B/2C		2012	B	11/30 -12/06	365	2870	365	8	362	1536	183	24	0	0	207	57
1/2B/2C		2013	B	11/29 -12/05	375	2290	375	7.7	364	1513	161	22	0	0	183	50
1/2B/2C		2014	B	11/28 -12/04	375	3137	375	7.8	365	1440	216	22	0	0	238	65
1/2B/2C		2012	ALS	12/07 -12/13	315	977	315	18.9	301	1015	0	0	166	14	180	60
1/2B/2C		2013	ALS	12/06 -12/12	375	1002	375	20.8	345	1261	0	0	136	6	142	41
1/2B/2C		2013	ALS	12/13 -12/19	225	151	225	47	207	818	0	0	108	4	112	54
1/2B/2C		2014	ALS	12/05 -12/11	375	941	375	24.7	350	1301	0	0	176	10	186	53
1/2B/2C		2015	ALS	12/04 -12/10	300	1187	300	15.3	292	1021	0	0	171	14	185	63
1/2B/2C		2015	ALS	12/11-12/17	150	171	150	32.2	145	510	0	0	69	5	74	51
1/2B/2C		2016	ALS	12/02 -12/08	300	930	300	20.5	282	1087	0	0	195	10	205	73
1/2B/2C		2016	ALS	12/09 -12/31	200	550	200	24.2	188	792	0	0	134	8	142	76
1/2B/2C	ES	2014	ALS	12/12 -12/18	225	203	225	37.4	0	0	0	0	0	0	0	-
1/2B/2C		2015	B	11/27 -12/03	325	2785	325	6.2	315	1262	184	36	0	0	220	70
1/2B/2C		2016	B	11/25 -12/01	325	3444	325	6.2	308	1040	198	38	0	0	236	77
2A/2B		2013	ALS	10/11-10/20	30	0	30	-	24	129	0	0	6	0	6	25
2A/2B		2014	ALS	10/10 -10/19	30	0	30	-	21	102	0	0	0	0	0	0
2A/2B		2015	ALS	10/09 -10/18	30	0	30	-	27	93	0	0	3	3	6	22
2A/2B		2012	ALS	9/14 -9/23	40	7	40	100	40	200	0	0	14	4	18	45
2A/2B		2012	ALS	9/28 -10/07	40	5	40	100	34	145	0	0	6	0	6	18
2A/2B		2012	ALS	10/12 -10/21	30	6	30	100	25	115	0	0	3	0	3	12
2A/2B		2013	ALS	9/13 -9/22	40	14	40	100	35	165	0	0	15	0	15	43
2A/2B		2013	ALS	9/27 -10/06	40	10	40	80	38	177	0	0	2	2	4	11
2A/2B		2014	ALS	9/12 -9/21	55	11	55	90.9	43	313	0	0	2	2	4	9
2A/2B		2014	ALS	9/26 -10/05	50	3	50	100	41	193	0	0	7	0	7	17
2A/2B		2015	ALS	9/11-9/20	55	10	55	100	50	283	0	0	0	0	10	20
2A/2B		2015	ALS	9/25 -10/04	50	8	50	100	50	274	0	0	3	3	6	12
2A/2B		2015	ALS	9/11-9/20	25	116	25	11.2	23	88	0	0	0	0	0	0
2A/2B		2016	ALS	9/09 -9/18	55	13	55	84.6	50	261	0	0	11	0	11	22
2A/2B		2016	ALS	9/23 -10/02	50	2	50	100	48	289	0	0	16	2	18	38
2A/2B		2016	ALS	10/07 -10/16	30	6	30	100	25	199	0	0	8	0	8	32
2A/2B		2012	AE	9/14 -9/23	20	102	20	13.7	20	100	11	2	0	0	13	65
2A/2B		2012	AE	9/28 -10/07	20	95	20	9.5	20	80	13	0	0	0	13	65
2A/2B		2012	AE	10/12 -10/21	15	13	15	30.8	15	65	5	0	0	0	5	33
2A/2B		2013	AE	9/13 -9/22	20	86	20	8.1	20	92	12	0	0	0	12	60
2A/2B		2013	AE	9/27 -10/06	20	75	20	16	18	120	10	0	0	0	10	56
2A/2B		2013	AE	10/11-10/20	15	27	15	11.1	13	71	0	0	0	0	0	0
2A/2B		2014	AE	9/26 -10/05	25	58	25	12.1	25	143	20	0	0	0	20	80
2A/2B		2014	AE	10/10 -10/19	15	4	15	50	15	53	8	0	0	0	8	53
2A/2B		2015	AE	9/25 -10/04	25	90	25	16.7	25	86	14	0	0	0	14	56
2A/2B		2015	AE	10/09 -10/18	15	24	15	25	15	58	10	0	3	0	13	87
2A/2B		2016	AE	9/09 -9/18	25	95	25	5.3	23	158	10	0	0	0	10	43
2A/2B		2016	AE	9/23 -10/02	25	154	25	11.7	25	115	15	0	0	0	15	60
2A/2B		2016	AE	10/07 -10/16	15	46	15	10.9	15	69	6	0	0	0	6	40
2A/2B	CC	2014	AE	9/12 -9/21	25	107	25	7.5	25	148	11	0	0	0	11	44
3A/3C		2015	BE	9/25 -10/01	25	2598	25	0.7	25	80	24	0	0	0	24	96
3A/3C		2016	BE	9/23 -9/29	25	3711	25	0.6	22	75	22	0	0	0	22	100
3A/3C		2012	BE	9/28 -10/04	40	3274	40	1.2	40	176	33	0	0	0	33	83
3A/3C		2013	BE	9/27 -10/03	30	2313	30	1.2	30	104	28	0	0	0	28	93
3A/3C		2014	BE	9/26 -10/02	30	3370	30	0.8	30	130	23	1	0	0	24	80
3A/3C		2012	B	11/30 -12/06	325	908	325	16.5	311	1544	60	21	0	0	81	26
3A/3C		2013	B	11/29 -12/05	300	863	300	17.5	292	1436	62	16	0	0	78	27
3A/3C		2014	B	11/28 -12/04	300	928	300	16.8	287	1406	81	39	0	0	120	42

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Herd-Units: AM = Antelope Mountain Hunt Area in Unit 1, CC= Canyon Creek in Unit 23, CC = Coon Canyon and Flat Top Hunt Areas in Unit 1, CF = Coon Canyon and Flat Top Hunt Areas in Unit 1, DL= Dry Lake, ES (Unit 1) = Escudilla, FT = Flat Top Hunt Areas in Unit 1, HM = Hutch Mtn., M=Martinez, ML = Marshall Lake, MM = Melatone Mesa, P = Peaks Hunt Area in Unit 7 East, RV = Round Valley, SM = East Sunset/West Sunset/ Meteor Crater, ST = East Sunset/West Sunset, TT= Twin Arrows/Two Guns/Grapevine, VV = Verde Valley.

# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
3A/3C		2015	B	11/27 -12/03	275	889	275	15.6	269	1316	79	33	0	0	112	42
3A/3C		2016	B	11/25 -12/01	275	1042	275	14.7	259	1182	77	44	0	0	121	47
3A/3C		2012	ALS	10/19 -10/25	350	1255	350	20.2	340	1291	0	0	140	26	166	49
3A/3C		2013	ALS	10/18 -10/24	350	1415	350	18.4	332	1481	0	0	141	9	150	45
3A/3C		2014	ALS	10/17 -10/23	350	1550	350	17.2	337	1550	0	0	145	2	147	44
3A/3C		2015	ALS	10/16 -10/22	350	1640	350	16	339	1419	0	0	149	15	164	48
3A/3C		2016	ALS	10/14 -10/20	350	1678	350	16.4	328	1494	0	0	144	9	153	47
3A/4B		2015	ALS	8/07 -8/16	15	9	15	77.8	14	57	0	0	2	3	5	36
3A/4B	DL	2014	ALS	8/08 -8/17	15	13	15	69.2	12	102	0	0	9	0	9	75
3A/4B	DL	2016	ALS	8/05 -8/14	25	23	25	56.5	23	67	0	0	13	2	15	65
3A/4BN	DL	2012	ALS	8/10 -8/19	15	10	15	60	15	98	0	0	8	0	8	53
3A/4BN	DL	2013	ALS	8/09 -8/18	15	4	15	100	15	88	0	0	6	0	6	40
4A		2012	B	11/30 -12/06	414	926	414	29	393	1922	68	21	0	0	89	23
4A (Hopi)		2012	B	11/30 -12/06	11	8	11	100	11	40	0	0	0	0	0	0
4A		2013	B	11/29 -12/05	366	727	366	27.9	353	1629	53	15	0	0	68	19
4A (Hopi)		2013	B	11/29 -12/05	9	9	9	66.7	8	27	0	3	0	0	3	38
4A		2014	B	11/28 -12/04	253	657	253	25.4	241	1068	72	22	0	0	94	39
4A (Hopi)		2014	B	11/28 -12/04	9	1	7	100	7	32	4	0	0	0	4	57
4A		2015	B	11/27 -12/03	268	780	268	23.6	261	1131	70	15	0	0	85	33
4A (Hopi)		2015	B	11/27 -12/03	7	7	7	28.6	7	16	0	0	0	0	0	0
4A		2016	B	11/25 -12/01	253	783	253	20.4	245	1052	63	38	0	0	101	41
4A (Hopi)		2016	B	11/25 -12/01	7	3	7	66.7	7	42	0	0	0	0	0	0
4A		2012	ALS	10/19 -10/25	122	470	122	18.5	117	452	0	0	49	3	52	44
4A		2013	ALS	10/18 -10/24	195	527	196	23.7	190	675	0	0	103	4	107	56
4A		2014	ALS	10/17 -10/23	97	521	97	17.9	95	351	0	0	50	2	52	55
4A		2015	ALS	10/16 -10/22	97	553	97	13.9	95	370	0	0	49	4	53	56
4A		2016	ALS	10/14 -10/20	97	537	97	14.5	91	316	0	0	53	4	57	63
4AN		2014	ALS	8/08 -8/17	13	5	13	100	10	21	0	0	8	0	8	80
4AN (Hopi)		2014	ALS	8/08 -8/17	13	0	13	-	13	49	0	0	13	0	13	100
4AN		2014	ALS	12/12 -12/31	13	1	13	100	10	24	0	0	10	0	10	100
4AN (Hopi)		2014	ALS	12/12 -12/31	13	0	13	-	13	59	0	0	8	0	8	62
4AN		2015	ALS	8/07 -8/16	13	24	13	45.8	10	36	0	0	3	5	8	80
4AN (Hopi)		2015	ALS	8/07 -8/16	13	3	13	100	9	26	0	0	2	2	4	44
4AN		2015	ALS	12/11-12/31	13	17	13	47.1	9	22	0	0	4	0	4	44
4AN (Hopi)		2015	ALS	12/11-12/31	13	0	13	-	13	20	0	0	13	0	13	100
4AN		2016	ALS	12/16 -12/31	20	20	20	50	18	65	0	0	10	0	10	56
4AN (Hopi)		2016	ALS	12/16 -12/31	20	1	20	100	20	60	0	0	20	0	20	100
4B		2012	BE	9/28 -10/04	50	1098	50	2.6	50	204	40	0	0	0	40	80
4B		2013	BE	9/27 -10/03	35	927	35	2	35	141	23	1	0	0	24	69
4B		2012	B	11/30 -12/06	300	524	300	30.9	300	1447	33	4	0	0	37	12
4B		2013	B	11/29 -12/05	250	387	250	29.2	229	1064	31	5	0	0	36	16
4B		2014	B	11/28 -12/04	250	381	250	36.2	232	1151	42	6	0	0	48	21
4B		2015	B	11/27 -12/03	175	345	175	23.8	173	826	28	9	0	0	37	21
4B		2016	B	11/25 -12/01	150	337	150	22.3	148	665	46	7	0	0	53	36
4B		2012	ALS	10/19 -10/25	50	114	50	26.3	50	230	0	0	17	0	17	34
4B		2013	ALS	10/18 -10/24	50	142	50	24.6	48	182	0	0	23	0	23	48
4B		2014	ALS	10/17 -10/23	50	151	50	17.2	50	185	0	0	27	8	35	70
4B		2015	ALS	10/16 -10/22	50	172	50	16.3	48	143	0	0	22	2	24	50
4B		2016	ALS	10/14 -10/20	50	201	50	21.9	50	226	0	0	24	0	24	48
5A		2015	BE	9/25 -10/01	24	1484	24	1.3	22	86	21	0	0	0	21	95
5A (Hopi)		2015	BE	9/25 -10/01	1	11	1	9.1	0	0	0	0	0	0	0	-
5A		2012	B	11/30 -12/06	291	802	291	25.3	278	1354	52	13	0	0	65	23
5A (Hopi)		2012	B	11/30 -12/06	9	1	10	100	10	32	4	0	0	0	4	40
5A		2013	B	11/29 -12/05	291	872	291	23.3	280	1333	53	4	0	0	57	20

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
5A (Hopi)		2013	B	11/29 -12/05	9	6	9	100	9	44	0	0	0	0	0	0
5A		2014	B	11/28 -12/04	315	831	315	25.3	305	1443	90	13	0	0	103	34
5A (Hopi)		2014	B	11/28 -12/04	9	2	10	100	10	10	10	0	0	0	10	100
5A		2015	B	11/27 -12/03	315	778	315	27.4	298	1382	69	28	0	0	97	33
5A (Hopi)		2015	B	11/27 -12/03	10	10	10	50	10	48	0	0	0	0	0	0
5A		2016	B	11/25 -12/01	412	1015	413	26.1	387	1936	77	19	0	0	96	25
5A (Hopi)		2016	B	11/25 -12/01	13	7	13	100	13	49	5	5	0	0	10	77
5A		2012	ALS	10/19 -10/25	121	582	121	17	116	421	0	0	56	5	61	53
5A (Hopi)		2012	ALS	10/19 -10/25	4	5	4	80	4	5	0	0	3	1	4	100
5A		2013	ALS	10/11-10/17	121	618	121	17.8	119	407	0	0	63	9	72	61
5A (Hopi)		2013	ALS	10/11-10/17	4	5	4	80	0	0	0	0	0	0	0	-
5A		2014	ALS	10/10 -10/16	97	540	97	14.4	95	361	0	0	44	9	53	56
5A (Hopi)		2014	ALS	10/10 -10/16	4	3	3	100	3	13	0	0	1	0	1	33
5A		2015	ALS	10/09 -10/15	97	588	97	13.9	95	279	0	0	72	5	77	81
5A (Hopi)		2015	ALS	10/09 -10/15	3	1	3	100	3	9	0	0	3	0	3	100
5A		2016	ALS	10/07 -10/13	97	597	97	14.9	94	312	0	0	62	4	66	70
5A (Hopi)		2016	ALS	10/07 -10/13	3	4	3	75	3	9	0	0	0	0	0	0
5A	ST	2016	ALS	10/14 -10/20	15	8	15	75	15	75	0	0	8	0	8	53
5A (Hopi)		2016	ALS	10/14 -10/20	15	0	15	-	0	0	0	0	0	0	0	-
5A	SM	2015	ALS	10/16 -10/22	15	10	15	100	15	58	0	0	10	0	10	67
5A (Hopi)		2015	ALS	10/16 -10/22	15	0	15	-	15	40	0	0	15	0	15	100
5A/5BN	ST	2012	ALS	10/19 -10/25	37	31	37	45.2	31	123	0	0	6	2	8	26
5A/5BN (Hopi)		2012	ALS	10/19 -10/25	38	0	38	-	34	141	0	0	14	0	14	41
5A/5BN	ST	2013	ALS	10/18 -10/24	62	50	62	62	52	204	0	0	22	0	22	42
5A/5BN (Hopi)		2013	ALS	10/18 -10/24	63	12	63	100	53	126	0	0	11	0	11	21
5A/5BN	ST	2014	ALS	10/17 -10/23	37	29	37	44.8	31	113	0	0	15	2	17	55
5A/5BN (Hopi)		2014	ALS	10/17 -10/23	63	20	38	90	35	131	0	0	14	3	17	49
5A/5BN (Hopi)		2012	AE	10/19 -10/25	25	56	25	42.9	25	100	6	3	11	3	23	92
5A/5BN	ST	2012	AE	10/19 -10/25	25	159	25	11.9	25	123	12	0	0	0	12	48
5B		2012	B	11/30 -12/06	757	2982	757	18.5	728	3365	231	56	0	0	287	39
5B (Hopi)		2012	B	11/30 -12/06	18	20	18	75	18	90	12	0	0	0	12	67
5B		2013	B	11/29 -12/05	611	2909	611	17.2	594	2808	136	32	0	0	168	28
5B (Hopi)		2013	B	11/29 -12/05	14	26	14	50	14	49	0	4	0	0	4	29
5B		2014	B	11/28 -12/04	614	2909	614	16.8	576	2617	204	38	0	0	242	42
5B (Hopi)		2014	B	11/28 -12/04	14	23	14	56.5	14	49	4	0	0	0	4	29
5B		2015	B	11/27 -12/03	590	2720	590	16.8	585	2694	177	41	0	0	218	37
5B (Hopi)		2015	B	11/27 -12/03	10	20	10	50	10	60	0	0	0	0	0	0
5B		2016	B	11/25 -12/01	590	2532	590	15.2	570	2405	212	65	0	0	277	49
5B (Hopi)		2016	B	11/25 -12/01	10	18	10	50	10	42	0	2	0	0	2	20
5BN		2012	ALS	10/12 -10/18	285	680	283	26.5	262	1043	0	0	107	7	114	44
5BN (Hopi)		2012	ALS	10/12 -10/18	10	9	10	100	10	25	0	0	0	0	0	0
5BN		2013	ALS	10/11-10/17	285	632	285	24.5	276	1096	0	0	110	10	120	43
5BN (Hopi)		2013	ALS	10/11-10/17	10	8	10	75	10	25	0	0	3	0	3	30
5BN		2014	ALS	10/10 -10/16	241	726	241	20.9	228	847	0	0	108	13	121	53
5BN (Hopi)		2014	ALS	10/10 -10/16	10	9	9	44.4	9	39	0	0	6	0	6	67
5BN		2015	ALS	10/09 -10/15	241	803	241	19.8	228	939	0	0	106	19	125	55
5BN (Hopi)		2015	ALS	10/09 -10/15	9	9	9	66.7	9	25	0	0	7	0	7	78
5BN		2016	ALS	10/07 -10/13	193	973	193	15.9	181	663	0	0	112	7	119	66
5BN (Hopi)		2016	ALS	10/07 -10/13	7	14	7	42.9	7	34	0	0	1	0	1	14
5BN	TT	2015	ALS	10/16 -10/22	37	41	37	61	35	140	0	0	14	0	14	40
5BN (Hopi)		2015	ALS	10/16 -10/22	38	4	38	100	36	134	0	0	16	0	16	44
5BN	TT	2016	ALS	10/14 -10/20	30	41	30	43.9	28	112	0	0	7	0	7	25
5BN (Hopi)		2016	ALS	10/14 -10/20	30	8	30	100	30	180	0	0	0	0	0	0
5BS		2016	BE	9/23 -9/29	25	2833	25	0.5	23	108	19	0	0	0	19	83

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## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
5BS		2012	ALS	10/12 -10/18	450	2182	450	17.7	431	1674	0	0	175	12	187	43
5BS		2013	ALS	10/11-10/17	450	2125	450	18.4	431	1512	0	0	222	30	252	58
5BS		2014	ALS	10/10 -10/16	450	2235	450	16.6	438	1695	0	0	202	16	218	50
5BS		2015	ALS	10/09 -10/15	450	2388	450	16.8	435	1516	0	0	245	17	262	60
5BS		2016	ALS	10/14 -10/20	300	1943	300	12.7	283	1043	0	0	157	10	167	59
6A		2012	B	10/26 -10/29	125	2970	125	3.3	123	414	48	4	0	0	52	42
6A		2012	B	11/30 -12/06	900	4477	900	14.5	874	4296	218	45	0	0	263	30
6A		2013	B	11/29 -12/05	825	4889	825	13.8	785	3316	246	49	0	0	295	38
6A		2014	B	11/28 -12/04	825	5112	825	14.1	804	3822	184	50	0	0	234	29
6A		2015	B	11/27 -12/03	825	5257	825	14	793	3601	227	60	0	0	287	36
6A		2016	B	11/25 -12/01	700	4943	700	12.1	646	2795	180	76	0	0	256	40
6A		2012	ALS	10/19 -10/25	500	2371	500	14.6	464	2032	0	0	127	10	137	30
6A		2013	ALS	10/18 -10/24	525	2431	525	16.5	505	2194	0	0	174	22	196	39
6A		2014	ALS	10/17 -10/23	475	2639	475	14.9	454	1851	0	0	127	11	138	30
6A		2015	ALS	10/16 -10/22	475	2748	475	15	451	1833	0	0	182	9	191	42
6A		2016	ALS	10/14 -10/20	350	2640	350	11.6	326	1184	0	0	146	20	166	51
6A	CH	2012	AE	11/23 -11/29	25	91	25	19.8	0	0	0	0	0	0	0	-
6A	CH	2014	AE	10/24 -10/30	25	124	25	13.7	23	102	6	3	6	2	17	74
6A	CH	2015	AE	10/23 -10/29	25	140	25	12.1	23	129	7	0	2	0	9	39
6A	CH	2016	AE	10/21 -10/27	25	153	25	11.1	25	50	0	0	13	0	13	52
6AN	CH	2013	AE	10/25 -10/31	25	92	25	20.7	24	94	1	4	0	0	5	21
6AS/6AW		2013	B	10/25 -10/28	225	1542	225	11.2	215	771	55	12	0	0	67	31
6B		2015	BE	9/25 -10/01	25	1024	25	2	25	113	21	0	0	0	21	84
6B		2012	B	11/30 -12/06	190	538	190	24.3	185	830	60	11	0	0	71	38
6B		2013	B	11/29 -12/05	175	479	175	24	169	710	67	13	0	0	80	47
6B		2014	B	11/28 -12/04	175	567	175	21.5	172	745	65	10	0	0	75	44
6B		2015	B	11/27 -12/03	130	491	130	16.3	126	526	27	13	0	0	40	32
6B		2016	B	11/25 -12/01	175	472	175	26.3	168	639	73	17	0	0	90	54
6B		2012	ALS	12/07 -12/13	200	204	200	38.7	185	838	0	0	79	9	88	48
6B		2013	ALS	12/06 -12/15	300	274	300	63.1	272	1327	0	0	74	8	82	30
6B		2014	ALS	12/05 -12/14	300	371	300	38	278	1213	0	0	116	7	123	44
6B		2015	ALS	12/04 -12/10	300	356	300	44.9	291	1215	0	0	91	15	106	36
6B		2016	ALS	12/02 -12/08	300	433	300	39.5	271	1065	0	0	104	20	124	46
7E		2012	B	11/30 -12/06	325	637	325	34.2	311	1454	38	26	0	0	64	21
7E		2013	B	11/29 -12/05	400	712	400	36.1	386	1853	85	22	0	0	107	28
7E		2014	B	11/28 -12/04	400	661	400	33.4	376	1795	87	7	0	0	94	25
7E		2015	B	11/27 -12/03	550	718	550	44.3	532	2507	121	25	0	0	146	27
7E		2016	B	11/25 -12/01	550	705	550	41.6	483	2297	64	26	0	0	90	19
7E	P	2012	B	9/28 -10/04	30	329	30	8.2	30	137	15	0	0	0	15	50
7E	P	2012	B	10/05 -10/11	30	96	30	14.6	30	100	22	0	0	0	22	73
7E	P	2012	B	10/12 -10/18	30	38	30	34.2	30	131	17	1	0	0	18	60
7E		2015	ALS	9/25 -10/01	20	161	20	10.6	20	97	0	0	3	6	9	45
7E		2016	ALS	9/23 -9/29	20	99	20	13.1	20	62	0	0	10	2	12	60
7E		2012	ALS	12/07 -12/13	125	131	125	42	123	598	0	0	39	4	43	35
7E		2012	ALS	9/28 -10/04	10	67	10	14.9	10	33	0	0	0	0	0	0
7E		2012	ALS	10/05 -10/11	10	20	10	25	10	50	0	0	4	0	4	40
7E		2012	ALS	10/12 -10/18	10	8	10	0	10	55	0	0	7	0	7	70
7E		2012	ALS	10/19 -10/28	10	24	10	29.2	8	50	0	0	3	0	3	38
7E		2013	ALS	12/06 -12/15	250	160	254	76.3	230	1059	0	0	116	4	120	52
7E		2013	ALS	9/27 -10/03	10	59	10	11.9	10	28	0	0	8	0	8	80
7E		2013	ALS	10/04 -10/10	10	17	10	35.3	10	37	0	0	5	2	7	70
7E		2013	ALS	10/11-10/17	10	6	10	33.3	10	43	0	0	3	0	3	30
7E		2013	ALS	10/18 -10/27	10	17	10	11.8	10	57	0	0	4	0	4	40
7E		2014	ALS	12/05 -12/11	210	196	210	59.7	190	815	0	0	54	5	59	31

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
7E		2014	ALS	9/26 -10/02	20	83	20	20.5	18	67	0	0	9	2	11	61
7E		2014	ALS	10/03 -10/09	20	30	20	40	19	61	0	0	10	3	13	68
7E		2014	ALS	10/10 -10/16	20	30	20	53.3	20	83	0	0	8	0	8	40
7E		2014	ALS	10/17 -10/23	20	19	20	36.8	20	67	0	0	9	7	16	80
7E		2015	ALS	12/04 -12/10	300	252	300	61.1	290	1317	0	0	88	2	90	31
7E		2015	ALS	10/02 -10/08	20	68	20	11.8	20	105	0	0	8	0	8	40
7E		2015	ALS	10/09 -10/15	20	39	20	33.3	20	98	0	0	8	0	8	40
7E		2015	ALS	10/16 -10/22	20	37	20	24.3	18	94	0	0	0	0	0	0
7E		2016	ALS	12/02 -10/08	300	265	300	53.6	273	1243	0	0	86	0	86	32
7E		2016	ALS	9/30 -10/06	20	45	20	22.2	18	82	0	0	9	0	9	50
7E		2016	ALS	10/07 -10/13	20	55	20	21.8	20	81	0	0	10	3	13	65
7E		2016	ALS	10/14 -10/20	20	48	20	22.9	20	89	0	0	9	0	9	45
7E	P	2012	ALS	9/28 -10/04	75	75	75	53.3	73	255	0	0	45	9	54	74
7E	P	2012	ALS	10/05 -10/11	75	18	75	72.2	72	307	0	0	21	2	23	32
7E	P	2012	ALS	10/12 -10/18	75	9	75	100	73	316	0	0	34	0	34	47
7E	P	2012	ALS	10/19 -10/28	75	14	75	100	70	445	0	0	16	5	21	30
7E	P	2013	ALS	9/27 -10/03	75	123	75	40.7	70	233	0	0	28	2	30	43
7E	P	2013	ALS	10/04 -10/10	75	32	75	68.8	71	338	0	0	26	4	30	42
7E	P	2013	ALS	10/11-10/17	75	23	75	100	75	349	0	0	29	7	36	48
7E	P	2013	ALS	10/18 -10/27	75	10	75	100	73	364	0	0	26	0	26	36
7E	P	2014	ALS	10/24 -10/30	75	6	75	100	64	287	0	0	15	2	17	27
7E	P	2014	ALS	9/26 -10/02	75	138	75	35.5	73	282	0	0	37	7	44	60
7E	P	2014	ALS	10/03 -10/09	75	27	75	51.9	67	290	0	0	20	2	22	33
7E	P	2014	ALS	10/10 -10/16	75	44	75	79.5	68	311	0	0	27	5	32	47
7E	P	2014	ALS	10/17 -10/23	75	10	75	90	73	341	0	0	12	0	12	16
7E	P	2015	ALS	9/25 -10/01	75	85	75	48.2	71	280	0	0	6	14	20	28
7E	P	2015	ALS	10/02 -10/08	75	31	75	90.3	71	360	0	0	24	0	24	34
7E	P	2015	ALS	10/09 -10/15	75	24	75	100	73	330	0	0	19	2	21	29
7E	P	2015	ALS	10/16 -10/22	75	11	75	81.8	72	338	0	0	14	3	17	24
7E	P	2015	ALS	10/23 -10/29	75	16	75	100	73	343	0	0	23	0	23	32
7E	P	2016	ALS	9/23 -9/29	75	117	75	43.6	69	325	0	0	27	0	27	39
7E	P	2016	ALS	9/30 -10/06	75	44	75	45.5	71	337	0	0	11	2	13	18
7E	P	2016	ALS	10/07 -10/13	75	27	75	92.6	73	330	0	0	12	3	15	21
7E	P	2016	ALS	10/14 -10/20	75	11	75	100	69	421	0	0	10	0	10	14
7E	P	2016	ALS	10/21 -10/27	75	11	75	100	66	380	0	0	12	0	12	18
7E	P	2013	AE	9/27 -10/03	30	280	30	6.4	29	100	18	0	0	0	18	62
7E	P	2013	AE	10/04 -10/10	30	90	30	12.2	30	120	12	2	2	0	16	53
7E	P	2013	AE	10/11-10/17	30	65	30	23.1	30	93	15	0	0	0	15	50
7E	P	2014	AE	10/24 -10/30	30	25	30	96	30	136	12	2	2	0	16	53
7E	P	2014	AE	9/26 -10/02	30	221	30	8.6	27	89	17	2	2	0	21	78
7E	P	2014	AE	10/03 -10/09	30	68	30	17.6	27	113	10	0	1	0	11	41
7E	P	2014	AE	10/10 -10/16	30	46	30	34.8	30	148	9	2	2	0	13	43
7E	P	2014	AE	10/17 -10/23	30	27	30	51.9	30	133	15	0	3	5	23	77
7E	P	2015	AE	9/25 -10/01	30	283	30	8.8	30	104	19	0	0	0	19	63
7E	P	2015	AE	10/02 -10/08	30	110	30	10.9	30	117	23	0	0	0	23	77
7E	P	2015	AE	10/09 -10/15	30	93	30	10.8	30	158	8	0	3	0	11	37
7E	P	2015	AE	10/16 -10/22	30	51	30	33.3	30	120	0	3	9	0	12	40
7E	P	2015	AE	10/23 -10/29	30	65	30	35.4	27	120	11	0	5	0	16	59
7E	P	2016	AE	9/23 -9/29	30	297	30	7.7	29	104	20	0	1	0	21	72
7E	P	2016	AE	9/30 -10/06	30	68	30	14.7	28	123	8	0	8	0	16	57
7E	P	2016	AE	10/07 -10/13	30	44	30	43.2	27	115	5	5	0	0	10	37
7E	P	2016	AE	10/14 -10/20	30	61	30	26.2	30	146	8	0	2	0	10	33
7E	P	2016	AE	10/21 -10/27	30	57	30	33.3	29	146	4	0	4	0	8	28
7W		2013	BE	9/27 -10/03	25	2111	25	0.9	25	98	19	0	0	0	19	76

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
7W		2012	B	11/30 -12/06	275	1060	275	19	263	1311	58	16	0	0	74	28
7W		2013	B	11/29 -12/05	245	849	245	17.1	237	1083	89	15	0	0	104	44
7W		2014	B	11/28 -12/04	350	1181	350	20.7	336	1727	108	14	0	0	122	36
7W		2015	B	11/27 -12/03	400	1597	400	18.6	386	1815	125	33	0	0	158	41
7W		2016	B	11/25 -12/01	400	1516	400	20.2	372	1633	160	33	0	0	193	52
7W		2012	ALS	10/19 -10/25	550	1238	550	30.5	530	2171	0	0	202	20	222	42
7W		2012	ALS	12/07 -12/13	100	172	100	35.5	94	377	0	0	47	2	49	52
7W		2013	ALS	10/18 -10/24	550	1470	550	25.4	532	2237	0	0	191	24	215	40
7W		2013	ALS	12/06 -12/12	200	234	200	42.7	181	745	0	0	83	4	87	48
7W		2014	ALS	10/17 -10/23	550	1511	550	25.8	533	2266	0	0	212	9	221	41
7W		2014	ALS	12/05 -12/11	250	274	250	48.9	248	1132	0	0	68	10	78	31
7W		2015	ALS	10/16 -10/22	550	1624	550	24.8	522	2135	0	0	195	20	215	41
7W		2015	ALS	12/04 -12/10	300	429	300	41.3	290	1148	0	0	119	10	129	44
7W		2016	ALS	10/14 -10/20	550	1767	550	21.5	513	2136	0	0	227	14	241	47
7W		2016	ALS	12/02 -12/08	300	359	300	43.7	288	1200	0	0	135	5	140	49
8		2012	B	11/30 -12/06	500	1569	500	22.6	481	2344	132	28	0	0	160	33
8		2013	B	11/29 -12/05	475	1699	475	19.8	471	2257	145	35	0	0	180	38
8		2014	B	11/28 -12/04	500	1766	500	20.9	475	2155	167	25	0	0	192	40
8		2015	B	11/27 -12/03	500	1901	500	17.9	474	2225	152	19	0	0	171	36
8		2016	B	11/25 -12/01	500	2002	500	18.8	478	2372	158	44	0	0	202	42
8		2012	ALS	12/07 -12/13	475	614	475	41.4	456	1952	0	0	211	19	230	50
8		2013	ALS	12/06 -12/12	525	691	525	46.2	496	2211	0	0	167	14	181	36
8		2014	ALS	12/05 -12/11	550	843	550	41.8	529	2292	0	0	212	12	224	42
8		2015	ALS	12/04 -12/10	500	946	500	32.9	483	2032	0	0	204	13	217	45
8		2016	ALS	12/02 -12/08	500	1103	500	31.8	463	2002	0	0	181	15	196	42
9		2016	BE	9/23 -9/29	35	4549	35	0.7	33	138	29	0	0	0	29	88
9		2012	BE	9/28 -10/04	25	3196	25	0.8	25	75	23	0	0	0	23	92
9		2014	BE	9/26 -10/02	25	4428	25	0.6	25	92	23	0	0	0	23	92
9		2012	B	11/30 -12/06	275	763	275	21.1	270	1333	100	19	0	0	119	44
9		2013	B	11/29 -12/05	275	1069	275	17	263	1371	45	2	0	0	47	18
9		2014	B	11/28 -12/04	325	864	325	21.9	303	1398	117	12	0	0	129	43
9		2015	B	11/27 -12/03	325	1017	325	22.7	306	1541	86	6	0	0	92	30
9		2016	B	11/25 -12/01	325	953	325	22.7	300	1467	121	18	0	0	139	46
9		2012	ALS	10/19 -10/25	250	614	250	29.5	244	963	0	0	125	11	136	56
9		2012	ALS	12/07 -12/13	250	218	250	55	228	954	0	0	102	2	104	46
9		2013	ALS	10/18 -10/24	275	698	275	27.4	267	1114	0	0	123	13	136	51
9		2013	ALS	12/06 -12/12	275	212	275	51.9	264	1061	0	0	138	7	145	55
9		2014	ALS	10/17 -10/23	300	692	300	30.5	281	1228	0	0	126	2	128	46
9		2014	ALS	12/05 -12/11	300	246	300	56.9	283	1247	0	0	99	2	101	36
9		2015	ALS	10/16 -10/22	300	855	300	26.5	278	1121	0	0	98	11	109	39
9		2015	ALS	12/04 -12/10	300	299	300	53.8	290	1154	0	0	120	5	125	43
9		2016	ALS	10/14 -10/20	300	748	300	27.4	291	1135	0	0	161	12	173	59
9		2016	ALS	12/02 -12/08	300	266	300	53.8	277	1187	0	0	105	15	120	43
10		2015	BE	9/25 -10/01	100	4690	100	1.6	96	411	70	0	0	0	70	73
10		2016	BE	9/23 -9/29	40	2749	40	0.9	39	183	34	0	0	0	34	87
10		2012	BE	9/28 -10/04	75	4694	75	1	74	296	53	0	0	0	53	72
10		2013	BE	9/27 -10/03	75	4404	75	1.5	74	349	50	0	0	0	50	68
10		2014	BE	9/26 -10/02	100	3967	100	1.6	100	457	69	0	0	0	69	69
10		2012	B	11/30 -12/06	575	1378	575	23.7	549	2834	137	19	0	0	156	28
10		2013	B	11/29 -12/05	550	1387	550	21.3	505	2445	170	11	0	0	181	36
10		2014	B	11/28 -12/04	550	1111	550	24.9	518	2553	157	8	0	0	165	32
10		2015	B	11/27 -12/03	550	1329	550	21.4	518	2358	175	22	0	0	197	38
10		2016	B	11/25 -12/01	500	1266	500	21.3	474	2369	170	17	0	0	187	39
10		2012	ALS	10/19 -10/25	825	790	825	53.7	769	3775	0	0	196	15	211	27

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## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
10		2012	ALS	12/07 -12/13	800	472	800	82	762	3975	0	0	205	18	223	29
10		2013	ALS	10/18 -10/24	850	873	850	50.7	790	3561	0	0	168	13	181	23
10		2013	ALS	12/06 -12/15	825	595	825	74.5	768	3918	0	0	216	29	245	32
10		2014	ALS	10/17 -10/23	850	885	850	53.6	797	3754	0	0	139	11	150	19
10		2014	ALS	12/05 -12/14	825	395	825	91.1	778	4038	0	0	191	21	212	27
10		2015	ALS	10/16 -10/22	800	829	800	43.3	737	3462	0	0	123	19	142	19
10		2015	ALS	12/04 -12/13	800	502	800	69.5	767	4116	0	0	231	39	270	35
10		2016	ALS	10/14 -10/20	800	878	800	46	742	3587	0	0	152	25	177	24
10		2016	ALS	12/02 -12/11	800	469	800	77	750	4106	0	0	186	25	211	28
10	CH	2012	AE	11/09 -11/15	10	17	10	23.5	8	20	2	2	3	0	7	88
10	CH	2013	AE	11/08 -11/14	10	16	10	25	9	31	3	0	0	0	3	33
10	CH	2014	AE	11/07 -12/11	10	23	10	26.1	10	37	6	0	0	0	6	60
10	CH	2015	AE	11/06 -11/12	15	30	15	30	13	51	6	2	0	0	8	62
10	CH	2016	AE	11/04 -11/10	15	42	15	19	0	0	0	0	0	0	0	-
15A/15B/18A		2012	B	10/05 -10/18	25	164	25	11	25	155	9	0	0	0	9	36
15A/15B/18A		2013	B	10/04 -10/17	25	200	25	10	25	137	16	0	0	0	16	64
15A/15B/18A		2014	B	10/03 -10/16	25	152	25	10.5	21	148	11	0	0	0	11	52
15A/15B/18A		2015	B	10/02 -10/15	25	177	25	8.5	25	103	16	0	0	0	16	64
15A/15B/18A		2016	B	9/23 -10/06	25	257	25	6.2	25	94	22	0	0	0	22	88
15A/15B/18A		2012	ALS	11/09 -12/13	200	20	204	100	186	1288	0	0	41	2	43	23
15A/15B/18A		2013	ALS	11/08 -12/12	200	25	200	100	182	1774	0	0	5	0	5	3
15A/15B/18A		2014	ALS	11/07 -12/11	200	27	200	100	177	1694	0	0	26	6	32	18
15A/15B/18A		2015	ALS	11/06 -12/10	200	18	200	100	175	1578	0	0	36	3	39	22
15A/15B/18A		2016	ALS	11/04 -12/08	200	28	200	100	192	1608	0	0	35	4	39	20
15A/15B/18A		2012	AE	11/09 -12/13	150	142	150	45.1	142	1408	21	6	18	2	47	33
15A/15B/18A		2013	AE	11/08 -12/12	150	237	150	40.1	138	1269	25	0	2	0	27	20
15A/15B/18A		2014	AE	11/07 -12/11	150	193	150	49.7	143	1533	35	2	0	0	37	26
15A/15B/18A		2015	AE	11/06 -12/10	150	160	150	44.4	136	1069	36	0	19	5	60	44
15A/15B/18A		2016	AE	11/04 -12/08	150	211	150	32.7	142	1195	20	0	13	0	33	23
17/18B/19B/20AC		2012	B	10/05 -10/18	35	171	35	14	33	167	14	0	0	0	14	42
17/18B/19B/20AC		2013	B	10/04 -10/17	35	156	35	14.7	33	147	25	2	0	0	27	82
17/18B/19B/20AC		2014	B	10/03 -10/16	35	211	35	11.4	32	194	19	0	0	0	19	59
17/18B/19B/20A		2015	B	10/02 -10/15	35	247	35	8.9	33	110	28	0	0	0	28	85
17/18B/19B/20A		2016	B	9/23 -10/06	35	287	35	5.9	35	198	19	1	0	0	20	57
17/18B/19B/20AC		2012	ALS	10/05 -10/18	150	25	150	100	133	763	0	0	24	0	24	18
17/18B/19B/20AC		2012	ALS	11/09 -12/13	250	15	251	100	221	1618	0	0	32	0	32	14
17/18B/19B/20AC		2013	ALS	10/04 -10/17	150	33	150	100	143	720	0	0	5	0	5	3
17/18B/19B/20AC		2013	ALS	11/08 -12/12	250	10	250	100	206	1628	0	0	5	0	5	2
17/18B/19B/20AC		2014	ALS	10/03 -10/16	150	38	150	94.7	131	884	0	0	38	0	38	29
17/18B/19B/20A		2015	ALS	10/02 -10/15	150	30	150	100	131	775	0	0	27	5	32	24
17/18B/19B/20AC		2014	ALS	11/07 -12/11	250	22	250	100	205	2362	0	0	19	0	19	9
17/18B/19B/20A		2015	ALS	11/06 -12/10	250	28	250	100	227	1912	0	0	40	3	43	19
17/18B/19B/20A		2016	ALS	9/23 -10/06	150	21	150	100	134	713	0	0	34	3	37	28
17/18B/19B/20A		2016	ALS	11/04 -12/08	250	45	250	97.8	231	1842	0	0	52	0	52	23
17/18B/19B/20AC		2012	AE	11/09 -12/13	150	173	150	46.8	129	988	33	4	12	0	49	38
17/18B/19B/20AC		2013	AE	11/08 -12/12	150	256	150	29.7	124	924	30	0	0	0	30	24
17/18B/19B/20AC		2014	AE	11/07 -12/11	150	217	150	38.2	141	1232	34	9	15	0	58	41
17/18B/19B/20A		2015	AE	11/06 -12/10	150	191	150	31.4	130	1017	44	2	18	0	64	49
17/18B/19B/20A		2016	AE	11/04 -12/08	150	224	150	27.7	132	949	43	2	13	0	58	44
19A		2012	B	11/30 -12/06	30	64	29	35.9	29	106	12	0	0	0	12	41
19A		2013	B	11/29 -12/05	30	67	30	26.9	28	101	13	2	0	0	15	54
19A		2014	B	11/28 -12/04	30	84	30	19	27	130	13	0	0	0	13	48
19A		2015	B	11/27 -12/03	35	124	35	16.1	35	105	24	0	0	0	24	69

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
19A		2016	B	11/25 -12/01	35	113	35	22.1	35	172	18	0	0	0	18	51
19A		2012	ALS	10/19 -10/25	30	30	30	40	23	95	0	0	3	0	3	13
19A		2012	ALS	12/07 -12/13	20	6	20	100	18	92	0	0	6	0	6	33
19A		2013	ALS	10/18 -10/24	30	22	30	63.6	30	122	0	0	6	0	6	20
19A		2013	ALS	12/06 -12/15	20	16	20	56.3	17	81	0	0	7	0	7	41
19A		2014	ALS	10/17 -10/23	30	38	30	52.6	27	117	0	0	3	0	3	11
19A		2014	ALS	12/05 -12/14	20	10	20	80	18	102	0	0	5	0	5	28
19A		2015	ALS	10/16 -10/22	30	34	30	47.1	30	108	0	0	10	0	10	33
19A		2015	ALS	12/04 -12/13	20	28	20	35.7	16	49	0	0	7	0	7	44
19A		2016	ALS	10/14 -10/20	40	42	40	54.8	36	158	0	0	14	0	14	39
19A		2016	ALS	12/02 -12/11	35	17	35	76.5	31	184	0	0	7	0	7	23
21		2012	B	11/30 -12/06	20	74	20	17.6	17	87	10	0	0	0	10	59
21		2013	B	11/29 -12/05	25	87	25	14.9	20	65	10	0	0	0	10	50
21		2014	B	11/28 -12/04	25	114	25	14	25	104	11	0	0	0	11	44
21		2015	B	11/27 -12/03	30	118	30	16.9	27	115	19	0	0	0	19	70
21		2016	B	11/25 -12/01	40	99	40	26.3	31	129	9	3	0	0	12	39
21		2012	ALS	10/19 -10/25	25	13	25	100	25	108	0	0	8	5	13	52
21		2013	ALS	10/18 -10/24	50	49	50	51	50	182	0	0	11	2	13	26
21		2014	ALS	10/17 -10/23	25	53	25	34	25	110	0	0	4	0	4	16
21		2015	ALS	10/16 -10/22	25	22	25	40.9	23	93	0	0	3	0	3	13
21		2016	ALS	10/14 -10/20	25	30	25	46.7	20	95	0	0	7	0	7	35
22N		2015	BE	9/25 -10/01	30	1402	30	1.5	30	113	28	0	0	0	28	93
22N		2016	BE	9/23 -9/29	30	1404	30	1.6	30	124	22	2	0	0	24	80
22N		2012	BE	9/28 -10/04	30	1088	30	1.7	30	105	28	0	0	0	28	93
22N		2013	BE	9/27 -10/03	30	1198	30	1.6	30	99	24	0	0	0	24	80
22N		2014	BE	9/26 -10/02	30	1439	30	1.5	30	122	21	2	0	0	23	77
22N		2012	B	11/30 -12/06	450	947	450	29.3	436	2112	101	18	0	0	119	27
22N		2012	B	12/07 -12/13	100	158	100	27.8	94	435	37	6	0	0	43	46
22N		2013	B	11/29 -12/05	475	866	475	30.4	445	1980	130	25	0	0	155	35
22N		2013	B	12/06 -12/12	350	298	350	49.7	339	1440	119	15	0	0	134	40
22N		2014	B	11/28 -12/04	475	906	475	33.1	453	1731	150	26	0	0	176	39
22N		2014	B	12/05 -12/11	400	806	400	31.4	384	1793	76	31	0	0	107	28
22N		2015	B	11/27 -12/03	450	1186	450	22.7	439	1943	143	35	0	0	178	41
22N		2015	B	12/04 -12/10	375	471	375	37.4	357	1658	66	15	0	0	81	23
22N		2016	B	11/25 -12/01	475	974	475	28.1	452	1934	128	50	0	0	178	39
22N		2016	B	12/02 -12/08	375	539	375	36.4	343	1597	62	53	0	0	115	34
22N		2012	ALS	10/19 -10/25	275	498	275	34.1	261	1000	0	0	104	12	116	44
22N		2013	ALS	10/18 -10/24	275	659	275	27.9	273	1016	0	0	138	10	148	54
22N		2014	ALS	10/17 -10/23	275	739	275	27.1	268	917	0	0	152	13	165	62
22N		2015	ALS	10/16 -10/22	275	842	275	24.5	266	954	0	0	122	9	131	49
22N		2016	ALS	10/14 -10/20	275	947	275	20.2	267	1036	0	0	140	4	144	54
22S		2012	B	11/30 -12/06	30	144	30	11.8	28	103	17	2	0	0	19	68
22S		2013	B	11/29 -12/05	60	202	60	23.3	51	131	43	0	0	0	43	84
22S		2014	B	11/28 -12/04	60	184	60	19.6	60	259	30	5	0	0	35	58
22S		2015	B	11/27 -12/03	60	171	60	21.6	56	246	24	4	0	0	28	50
22S		2016	B	11/25 -12/01	60	241	60	16.6	58	240	34	2	0	0	36	62
22S		2012	ALS	10/19 -10/25	25	49	25	26.5	23	50	0	0	14	5	19	83
22S		2013	ALS	10/18 -10/24	25	79	25	22.8	25	75	0	0	15	0	15	60
22S		2014	ALS	10/17 -10/23	35	82	35	28	33	111	0	0	19	0	19	58
22S		2015	ALS	10/16 -10/22	35	87	35	24.1	31	95	0	0	21	2	23	74
22S		2016	ALS	10/14 -10/20	35	100	35	21	33	93	0	0	23	0	23	70
23		2014	BE	9/26 -10/02	20	2058	20	0.9	20	82	16	0	0	0	16	80

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
23		2012	B	11/30 -12/06	200	786	200	14.1	183	853	74	2	0	0	76	42
23		2013	B	11/29 -12/05	225	1024	225	13.9	215	954	92	8	0	0	100	47
23		2014	B	11/28 -12/04	200	987	200	11.2	189	733	91	5	0	0	96	51
23		2015	B	11/27 -12/03	200	1146	200	9.9	192	752	121	0	0	0	121	63
23		2016	B	11/25 -12/01	150	1258	150	6.9	132	453	92	5	0	0	97	73
23		2012	ALS	12/07 -12/13	200	180	200	36.7	187	739	0	0	69	5	74	40
23		2013	ALS	12/06 -12/12	200	225	200	40.4	192	779	0	0	63	0	63	33
23		2014	ALS	12/05 -12/11	200	278	200	33.8	193	753	0	0	87	4	91	47
23		2015	ALS	12/04 -12/10	200	321	200	33.6	188	688	0	0	90	8	98	52
23		2016	ALS	12/02 -12/08	200	333	200	35.4	182	689	0	0	68	8	76	42
23N		2015	BE	9/25 -10/01	15	1759	15	0.8	15	56	14	0	0	0	14	93
23N		2016	BE	9/23 -9/29	15	2217	15	0.6	15	58	12	0	0	0	12	80
23N		2012	BE	9/28 -10/04	20	1297	20	1.4	19	76	19	0	0	0	19	100
23N		2013	BE	9/27 -10/03	20	1368	20	1.2	20	63	19	0	0	0	19	95
23N		2012	ALS	10/19 -10/25	25	117	25	12.8	24	75	0	0	15	0	15	63
23N		2013	ALS	10/18 -10/24	50	194	50	18.6	46	146	0	0	27	2	29	63
23N		2014	ALS	10/14 -10/23	50	251	50	13.9	48	173	0	0	17	0	17	35
23N		2015	ALS	10/16 -10/22	50	206	50	14.1	48	170	0	0	27	2	29	60
23N		2016	ALS	10/14 -10/20	50	262	50	15.6	46	198	0	0	22	0	22	48
23S		2015	BE	9/25 -10/01	5	409	5	1.2	5	16	5	0	0	0	5	100
23S		2016	BE	9/23 -9/29	5	532	5	0.9	5	22	5	0	0	0	5	100
23S		2012	ALS	10/19 -10/25	25	22	25	31.8	23	88	0	0	10	0	10	43
23S		2013	ALS	10/18 -10/24	25	28	25	39.3	25	68	0	0	13	3	16	64
23S		2014	ALS	10/17 -10/23	50	67	50	26.9	46	202	0	0	12	0	12	26
23S		2015	ALS	10/16 -10/22	50	73	50	34.2	46	175	0	0	15	0	15	33
23S		2016	ALS	10/14 -10/20	50	61	50	36.1	46	213	0	0	13	0	13	28
24A		2015	ALS	12/04 -12/11	5	1	5	100	5	18	0	0	3	0	3	60
24A		2016	ALS	12/02 -12/09	5	10	5	30	5	26	0	0	0	0	0	0
24A		2012	AE	9/21 -9/27	5	32	5	12.5	5	17	0	0	0	0	0	0
24A		2013	AE	9/27 -10/06	5	35	5	14.3	5	45	0	0	0	0	0	0
24A		2014	AE	9/26 -10/05	5	54	5	9.3	5	24	4	0	0	0	4	80
24A		2014	AE	10/10 -10/19	5	9	5	22.2	5	35	2	0	0	0	2	40
24A		2015	AE	9/25 -10/04	5	49	5	10.2	5	35	4	0	0	0	4	80
24A		2015	AE	10/09 -10/18	5	19	5	15.8	5	30	5	0	0	0	5	100
24A		2016	AE	9/23 -10/02	5	74	5	5.4	5	48	2	0	0	0	2	40
24A		2016	AE	10/07 -10/16	5	26	5	11.5	5	30	0	0	0	0	0	0
27		2016	BE	9/09 -9/15	40	3662	41	1.1	38	170	36	0	0	0	36	95
27		2012	BE	9/28 -10/04	25	2046	25	1.1	25	105	13	3	0	0	16	64
27		2014	BE	9/26 -10/02	40	3167	40	1.2	40	163	33	0	0	0	33	83
27		2012	B	11/30 -12/06	400	918	400	19.2	383	1559	223	17	0	0	240	63
27		2013	B	11/29 -12/05	400	1248	400	17.7	387	1399	237	17	0	0	254	66
27		2014	B	11/28 -12/04	500	1471	500	15.4	489	2008	290	11	0	0	301	62
27		2015	B	11/27 -12/03	400	1749	400	12.6	388	1427	217	20	0	0	237	61
27		2016	B	11/25 -12/01	460	1744	460	12.9	440	1674	265	32	0	0	297	68
27		2012	ALS	10/19 -10/25	305	533	305	28.3	292	1181	0	0	120	9	129	44
27		2013	ALS	10/18 -10/24	300	651	300	28.1	283	1233	0	0	105	10	115	41
27		2013	ALS	10/25 -10/31	200	65	200	50.8	186	856	0	0	64	6	70	38
27		2014	ALS	10/17 -10/23	300	719	300	27.4	285	1170	0	0	104	6	110	39
27		2014	ALS	10/24 -10/30	200	143	200	40.6	185	783	0	0	67	0	67	36
27		2015	ALS	10/16 -10/22	375	869	375	25.5	354	1494	0	0	152	6	158	45
27		2016	ALS	10/14 -10/20	350	951	350	24.2	321	1394	0	0	144	2	146	45
27		2016	ALS	10/21 -10/27	150	73	150	52.1	150	750	0	0	75	0	75	50
27	M	2012	ALS	8/10 -9/23	25	2	25	100	22	128	0	0	0	0	0	0

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
27/28	CC	2013	ALSS	8/09 -8/22	25	0	25	-	23	79	0	0	4	0	4	17
27/28	CC	2014	ALS	8/08 -8/21	25	2	25	100	25	103	0	0	0	0	0	0
27S		2012	ALS	8/10 -9/23	50	4	50	100	45	216	0	0	11	0	11	24
27S		2013	ALS	8/09 -8/22	25	3	25	100	25	103	0	0	3	0	3	12
27S		2014	ALS	8/08 -8/21	25	4	25	100	22	144	0	0	8	0	8	36
27S		2015	ALS	8/07 -8/20	25	8	25	100	21	50	0	0	9	5	14	67
27S		2016	ALS	8/05 -8/18	25	13	25	92.3	23	100	0	0	5	0	5	22
28/31/32		2012	AE	10/05 -11/01	10	24	10	33.3	8	32	2	0	0	0	2	25
28/31/32		2013	AE	10/04 -10/31	10	25	10	36	8	25	5	0	0	0	5	63
28/31/32		2014	AE	10/03 -10/30	10	3	10	33.3	10	25	10	0	0	0	10	100
28/31/32		2015	AE	10/02 -10/29	10	23	10	8.7	8	28	3	0	0	0	3	38
28/31/32		2016	AE	9/30 -10/27	10	22	10	27.3	10	36	2	0	0	0	2	20
CN		2012	ALS	10/01 -10/07	5	2	5	0	5	12	0	0	2	0	2	40
CN		2012	ALS	10/01 -10/07	2	7	2	28.6	2	2	0	0	2	0	2	100
CN		2012	ALS	11/23 -12/13	35	9	35	100	33	165	0	0	18	0	18	55
CN		2012	ALS	11/23 -12/13	5	2	5	100	3	8	0	0	2	0	2	67
CN		2013	ALS	9/30 -10/06	5	1	5	0	5	9	0	0	2	1	3	60
CN		2013	ALS	9/30 -10/06	2	5	2	40	2	4	0	0	2	0	2	100
CN		2013	ALS	11/22 -12/12	35	21	35	100	32	152	0	0	15	0	15	47
CN		2013	ALS	11/22 -12/12	5	15	5	33.3	5	47	0	0	2	0	2	40
CN		2014	ALS	9/26 -10/02	12	36	12	25	11	35	0	0	5	0	5	45
CN		2014	ALS	9/26 -10/02	6	16	6	31.3	5	23	0	0	0	0	0	0
CN		2014	ALS	10/17 -10/23	15	14	15	35.7	12	51	0	0	9	0	9	75
CN		2014	ALS	10/17 -10/23	7	8	7	25	7	49	0	0	0	0	0	0
CN		2014	ALS	11/21 -12/14	8	10	8	40	8	43	0	0	5	0	5	63
CN		2014	ALS	11/21 -12/14	2	0	2	-	1	1	0	0	1	0	1	100
CN		2016	ALS	9/16 -9/22	2	8	2	-	2	2	0	0	2	0	2	100
CN		2016	ALS	9/23 -9/29	12	13	12	38.5	10	38	0	0	9	0	9	90
CN		2016	ALS	9/23 -9/29	6	8	6	50	6	15	0	0	6	0	6	100
CN		2016	ALS	10/14 -10/20	15	21	15	42.9	15	68	0	0	5	2	7	47
CN		2016	ALS	10/14 -10/20	7	3	7	66.7	7	20	0	0	4	0	4	57
CN		2016	ALS	10/21 -10/27	5	0	5	-	5	30	0	0	0	0	0	0
CN		2016	ALS	10/21 -10/27	5	2	5	100	5	25	0	0	0	0	0	0
CN		2016	ALS	11/18 -12/11	10	9	10	55.6	8	35	0	0	5	0	5	63
CN		2016	ALS	11/18 -12/11	5	5	5	100	4	38	0	0	3	0	3	75
CN	CN	2015	ALS	9/18 -9/24	2	10	15	50	13	56	0	0	4	0	4	31
CN	CN	2015	ALS	9/18 -9/24	15	2	2	50	2	12	0	0	0	0	0	0
CN	CN	2015	ALS	9/25 -10/01	12	19	12	26.3	12	40	0	0	8	0	8	67
CN	CN	2015	ALS	9/25 -10/01	6	14	6	14.3	6	24	0	0	3	0	3	50
CN	CN	2015	ALS	10/16 -10/22	15	8	15	75	15	68	0	0	0	0	0	0
CN	CN	2015	ALS	10/16 -10/22	7	5	7	60	7	35	0	0	0	0	0	0
CN	CN	2015	ALS	10/23 -10/29	5	3	5	100	5	10	0	0	0	0	0	0
CN	CN	2015	ALS	10/23 -10/29	5	3	5	100	0	0	0	0	0	0	0	-
CN	CN	2015	ALS	11/20 -12/13	10	16	10	50	8	45	0	0	3	3	6	75
CN	CN	2015	ALS	11/20 -12/13	5	5	5	20	5	40	0	0	3	2	5	100
CN	DV	2012	ALS	10/19 -10/25	20	4	20	75	16	76	0	0	7	0	7	44
CN	DV	2013	ALS	10/18 -10/24	20	8	20	75	18	77	0	0	7	0	7	39
CN	DV	2014	ALS	9/19 -9/25	15	16	15	50	15	45	0	0	9	0	9	60
CN	WW	2016	ALS	9/16 -9/22	15	8	15	75	12	60	0	0	8	0	8	67
CN		2012	AE	10/01 -10/07	8	86	8	9.3	8	36	0	0	2	0	2	25
CN		2012	AE	10/01 -10/07	3	52	3	5.8	3	3	0	0	0	3	3	100
CN		2012	AE	10/26 -11/01	23	14	23	50	21	97	2	2	2	0	6	29

BE = Early Bull, B = Bull, ABE = Early Bull, B = Bull, ALS = Antlerless, AE = Any Elk, CN = Camp Navajo, CH = CHAMP Hunt, DV = Disabled Veteran, WW = Wounded Warrior

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
General																
CN		2012	AE	10/26 -11/01	4	7	4	28.6	4	20	0	0	0	0	0	0
CN		2013	AE	9/30 -10/06	8	80	8	8.8	8	26	2	2	2	0	6	75
CN		2013	AE	9/30 -10/06	3	64	3	3.1	3	19	1	0	0	0	1	33
CN		2013	AE	10/25 -10/31	23	20	23	50	20	82	3	5	3	0	11	55
CN		2013	AE	10/25 -10/31	4	9	4	22.2	4	16	0	0	0	0	0	0
CN		2014	AE	9/26 -10/02	4	68	4	5.9	4	8	4	0	0	0	4	100
CN		2014	AE	9/26 -10/02	1	26	1	3.8	1	1	1	0	0	0	1	100
CN		2014	AE	10/24 -10/30	3	7	3	28.6	0	0	0	0	0	0	0	-
CN		2015	AE	9/25 -10/01	4	60	4	6.7	4	17	4	0	0	0	4	100
CN		2015	AE	9/25 -10/01	2	28	2	7.1	2	6	0	0	0	0	0	0
CN		2015	AE	10/23 -10/29	3	9	3	0	3	21	0	0	0	0	0	0
CN		2016	AE	9/23 -9/29	4	54	4	7.4	4	12	2	0	0	0	2	50
CN		2016	AE	9/23 -9/29	2	33	2	6.1	2	4	1	0	0	0	1	50
CN		2016	AE	10/21 -10/27	3	14	3	14.3	3	10	0	1	1	0	2	67
CN	DV	2012	AE	10/19 -10/25	7	29	7	20.7	7	46	0	2	0	0	2	29
CN	DV	2013	AE	10/18 -10/24	7	31	7	19.4	7	32	1	0	0	0	1	14
CN	DV	2014	AE	9/12 -9/18	10	68	10	13.2	10	40	7	0	0	0	7	70
CN	DV	2015	AE	9/11-9/17	10	73	10	11	0	0	0	0	0	0	0	-
CN	DV	2015	AE	10/23 -10/29	4	6	4	0	0	0	0	0	0	0	0	-
CN	WW	2014	AE	9/12 -9/18	6	8	6	37.5	6	6	6	0	0	0	6	100
CN	WW	2014	AE	10/24 -10/30	6	0	6	-	6	30	3	0	0	0	3	50
CN	WW	2015	AE	9/11-9/17	6	7	6	57.1	6	18	6	0	0	0	6	100
CN	WW	2015	AE	10/23 -10/29	6	2	6	100	6	6	3	0	3	0	6	100
CN	WW	2016	AE	9/09 -9/15	16	82	16	15.9	15	55	9	1	3	0	13	87
CN	WW	2016	AE	10/21 -10/27	10	7	10	28.6	10	53	3	0	0	0	3	30
Youth Only																
1/2C		2015	ALS	10/09 -10/15	175	1088	175	15.2	154	350	0	0	119	14	133	86
1/2C		2016	ALS	10/27 -10/13	175	930	175	16.3	175	350	0	0	175	0	175	100
1/2C		2012	ALS	10/12 -10/18	150	778	150	17.4	148	398	0	0	108	14	122	82
1/2C		2013	ALS	10/11-10/17	175	821	175	18.8	175	456	0	0	124	6	130	74
1/2C		2014	ALS	10/10 -10/16	175	1039	175	15.5	175	350	0	0	0	0	0	0
3A/3C		2015	ALS	10/09 -10/15	200	763	200	20.8	195	605	0	0	131	15	146	75
3A/3C		2016	ALS	10/07 -10/13	200	653	200	22.4	0	0	0	0	0	0	0	-
3A/3C		2012	ALS	10/12 -10/18	200	573	200	24.6	195	581	0	0	104	12	116	59
3A/3C		2013	ALS	10/11-10/17	200	613	200	26.1	197	643	0	0	93	11	104	53
3A/3C		2014	ALS	10/10 -10/16	200	692	200	22.4	0	0	0	0	0	0	0	-
4A		2012	ALS	10/12 -10/18	97	309	96	26.9	89	238	0	0	57	7	64	72
4A (Hopi)	2012	2012	ALS	10/12 -10/18	6	6	6	100	5	9	0	0	5	0	5	100
4A		2013	ALS	10/11-10/17	146	402	146	29.4	136	428	0	0	65	13	78	57
4A (Hopi)	2013	2013	ALS	10/11-10/17	9	8	9	100	9	27	0	0	5	0	5	56
4A		2014	ALS	10/10 -10/16	97	426	97	20.4	97	388	0	0	97	0	97	100
4A (Hopi)	2014	2014	ALS	10/10 -10/16	9	7	6	85.7	0	0	0	0	0	0	0	-
4A		2015	ALS	10/09 -10/15	97	303	97	23.8	92	208	0	0	74	5	79	86
4A (Hopi)	2015	2015	ALS	10/09 -10/15	6	5	6	100	0	0	0	0	0	0	0	-
4A		2016	ALS	10/07 -10/13	97	362	97	19.6	97	388	0	0	97	0	97	100
4A (Hopi)	2016	2016	ALS	10/07 -10/13	6	6	6	83.3	0	0	0	0	0	0	0	-
5B/6A		2016	ALS	10/07 -10/13	450	2114	450	19.6	450	1170	0	0	360	0	360	80
6A		2015	ALS	10/09 -10/15	450	1994	450	21	445	1484	0	0	203	20	223	50
6A		2012	ALS	10/12 -10/18	500	1825	498	24.8	472	1551	0	0	216	42	258	55
6A		2013	ALS	10/11-10/17	500	1758	500	25.9	474	1460	0	0	217	51	268	57
6A		2014	ALS	10/10 -10/16	450	2075	450	20.5	450	2025	0	0	0	0	0	0
10		2015	ALS	10/09 -10/15	75	194	75	25.3	71	296	0	0	25	4	29	41
10		2016	ALS	10/07 -10/13	75	214	75	20.6	75	375	0	0	0	0	0	0
22		2015	ALS	10/09 -10/15	150	293	150	33.8	144	431	0	0	94	0	94	65

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Youth Only																
22		2016	ALS	10/07 -10/13	150	347	150	25.1	0	0	0	0	0	0	0	-
22		2012	ALS	11/09 -11/15	50	132	50	28.8	47	131	0	0	28	0	28	60
22		2013	ALS	11/08 -11/14	100	243	100	27.6	100	368	0	0	39	0	39	39
22		2014	ALS	11/07 -11/13	150	279	150	34.4	0	0	0	0	0	0	0	.
23		2015	ALS	10/09 -10/15	65	200	65	25.5	65	254	0	0	41	6	47	72
23		2016	ALS	10/07 -10/13	65	213	65	23.5	63	217	0	0	31	7	38	60
23		2012	ALS	11/09 -11/15	30	76	30	28.9	30	65	0	0	20	2	22	73
23		2013	ALS	11/08 -11/14	30	122	30	18.9	30	93	0	0	10	0	10	33
23		2014	ALS	11/07 -11/13	65	153	65	30.1	0	0	0	0	0	0	0	-
Muzzleloader																
1/2B/2C		2012	BE	9/28 -10/04	45	1536	45	2.1	44	171	35	0	0	0	35	80
1/2B/2C		2014	BE	9/26 -10/02	45	2029	45	2	44	162	38	0	0	0	38	86
1/2B/2C		2016	BE	9/23 -9/29	40	1938	40	1.7	40	216	30	0	0	0	30	75
3B		2012	BE	9/28 -10/04	25	367	25	3.8	25	92	22	0	0	0	22	88
3B		2012	BE	11/30 -12/06	200	231	200	37.2	185	920	55	13	0	0	68	37
3B		2013	BE	9/27 -10/03	25	504	25	3.2	25	106	18	0	0	0	18	72
3B		2013	BE	11/29 -12/05	200	244	200	38.9	193	1004	28	4	0	0	32	17
3B		2014	BE	9/26 -10/02	25	459	25	3.1	25	103	20	0	0	0	20	80
3B		2014	BE	11/28 -12/04	200	247	200	38.5	190	941	45	14	0	0	59	31
3B		2015	BE	9/25 -10/01	25	509	25	3.9	25	107	16	0	0	0	16	64
3B		2015	BE	11/27 -12/03	200	194	200	57.2	189	891	27	16	0	0	43	23
3B		2016	BE	9/23 -9/29	25	491	25	3.3	25	122	16	0	0	0	16	64
3B		2016	B	11/25 -12/01	200	201	200	45.3	191	919	48	24	0	0	72	38
3B		2012	ALS	12/14 -12/31	250	194	250	68.6	234	1250	0	0	95	17	112	48
3B		2013	ALS	12/13 -12/31	200	210	200	49	189	1171	0	0	36	0	36	19
3B		2014	ALS	12/12 -12/31	200	229	200	61.1	192	1294	0	0	70	10	80	42
3B		2015	ALS	12/11-12/31	200	235	200	56.2	195	1173	0	0	103	20	123	63
3B		2016	ALS	12/09 -12/31	200	306	200	46.7	188	1179	0	0	113	5	118	63
3BN		2013	ALS	8/02 -8/15	15	5	15	60	15	68	0	0	8	8	16	107
3BN		2013	AE	10/04 -10/17	15	59	15	20.3	15	105	9	2	2	0	13	87
3BN		2015	ALS	7/31 -8/13	30	39	30	48.7	30	165	0	0	15	2	17	57
3BN		2016	ALS	7/29 -8/11	30	18	30	83.3	21	79	0	0	6	2	8	38
3BN		2014	ALS	8/01 -8/14	30	4	30	100	28	105	0	0	10	3	13	46
3BN		2015	AE	10/02 -10/15	20	105	20	9.5	20	76	12	0	0	0	12	60
3BN		2016	AE	9/30 -10/13	20	63	20	17.5	20	82	13	0	4	0	17	85
3BN		2014	AE	10/03 -10/16	20	60	20	20	0	0	0	0	0	0	0	-
5B		2014	BE	9/26 -10/02	24	833	24	2	24	98	14	0	0	0	14	58
5BN (Hopi)		2014	B	9/26 -10/02	1	5	1	20	0	0	0	0	0	0	0	-
6A		2012	BE	9/28 -10/04	50	1286	50	2.9	48	218	23	2	0	0	25	52
6A		2012	BE	11/16 -11/22	300	712	300	22.6	293	1415	80	12	0	0	92	31
6A		2013	BE	11/15 -11/21	300	1000	300	20.6	290	1401	59	4	0	0	63	22
6A		2014	BE	11/14 -11/20	300	922	300	23.8	287	1281	81	24	0	0	105	37
6A		2015	BE	11/13 -11/19	300	955	300	22.8	287	1183	115	13	0	0	128	45
6A		2016	B	11/11-11/17	300	877	300	23.7	281	1361	75	41	0	0	116	41
6A		2012	ALS	11/16 -11/22	75	100	75	29	72	318	0	0	20	2	22	31
6A		2013	ALS	11/15 -11/21	75	122	75	27	73	324	0	0	10	4	14	19
6A		2014	ALS	11/14 -11/20	75	86	75	37.2	75	317	0	0	15	0	15	20
6A		2015	ALS	11/13 -11/19	75	109	75	25.7	75	263	0	0	29	0	29	39
6A		2016	ALS	11/11-11/17	75	99	75	40.4	72	362	0	0	26	0	26	36
8		2016	BE	9/23 -9/29	25	813	25	2.3	25	107	20	0	0	0	20	80
8		2012	ALS	9/28 -10/04	120	347	120	20.5	116	426	0	0	60	3	63	54
8		2013	ALS	9/27 -10/03	150	376	150	27.7	140	593	0	0	67	7	74	53
8		2014	ALS	9/26 -10/02	175	407	175	25.6	172	630	0	0	93	5	98	57
8		2015	ALS	9/25 -10/01	150	464	150	22	146	571	0	0	54	14	68	47

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											Bull	Spike	Cow	Calf	Total	
Muzzleloader																
8		2016	ALS	9/23 -9/29	150	354	150	21.8	146	569	0	0	72	3	75	51
9		2013	BE	9/27 -10/03	25	1828	25	1.3	25	102	20	0	0	0	20	80
9		2015	BE	9/11-9/17	25	2360	25	1.1	25	132	16	0	0	0	16	64
10		2013	BE	11/08 -11/14	25	169	25	10.1	25	109	11	2	0	0	13	52
10		2014	BE	11/07 -12/11	25	133	25	10.5	25	119	10	0	0	0	10	40
10		2015	BE	11/06 -11/12	150	259	150	29.7	142	675	48	0	0	0	48	34
10		2016	B	11/04 -11/10	75	204	75	15.2	71	383	21	0	0	0	21	30
16A		2012	BE	9/28 -10/04	3	10	3	20	3	4	3	0	0	0	3	100
16A		2013	BE	9/27 -10/03	3	17	3	11.8	3	15	0	0	0	0	0	0
16A		2014	BE	9/26 -10/02	3	25	3	4	0	0	0	0	0	0	0	-
16A		2015	BE	9/25 -10/08	3	13	3	7.7	0	0	0	0	0	0	0	-
16A		2016	BE	9/23 -10/06	3	18	3	16.7	3	12	3	0	0	0	3	100
21		2012	BE	9/28 -10/04	5	85	5	2.4	5	23	4	0	0	0	4	80
21		2013	BE	9/27 -10/03	5	75	5	4	5	16	3	0	0	0	3	60
21		2014	BE	9/26 -10/02	5	111	5	2.7	5	33	2	0	0	0	2	40
21		2015	BE	9/25 -10/01	10	104	10	3.8	8	28	8	0	0	0	8	100
21		2016	BE	9/29 -9/29	10	78	10	10.3	10	35	8	0	0	0	8	80
22S		2012	BE	9/28 -10/04	40	235	40	10.6	40	171	27	0	0	0	27	68
22S		2013	BE	9/27 -10/03	50	333	50	11.1	50	194	40	0	0	0	40	80
22S		2014	BE	9/26 -10/02	50	356	50	8.1	48	200	30	2	0	0	32	67
22S		2015	BE	9/25 -10/01	50	380	50	8.2	50	215	32	0	0	0	32	64
22S		2016	BE	9/23 -9/29	50	432	50	8.8	47	195	35	0	0	0	35	74
27		2013	BE	9/27 -10/03	40	545	40	3.9	40	173	30	2	0	0	32	80
27		2015	BE	9/25 -10/01	40	947	40	1.4	40	189	24	0	0	0	24	60
CN		2012	ALS	10/12 -10/18	25	5	25	100	21	118	0	0	0	0	0	0
CN		2012	ALS	10/12 -10/18	5	3	5	66.7	5	35	0	0	3	0	3	60
CN		2013	ALS	10/11-10/17	25	6	25	100	23	77	0	0	11	0	11	48
CN		2013	ALS	10/11-10/17	5	4	5	100	5	30	0	0	0	0	0	0
CN		2014	ALS	10/10 -10/16	10	5	10	40	10	58	0	0	4	0	4	40
CN		2014	ALS	10/10 -10/16	5	8	5	50	5	25	0	0	0	0	0	0
CN		2014	ALS	10/10 -10/16	4	11	4	18.2	4	12	0	0	0	0	0	0
CN		2015	ALS	10/09 -10/15	10	6	10	66.7	10	43	0	0	0	0	0	0
CN		2015	ALS	10/09 -10/15	5	5	5	80	5	20	0	0	2	0	2	40
CN		2016	ALS	10/07 -10/13	10	4	10	100	10	60	0	0	2	0	2	20
CN		2016	ALS	10/07 -10/13	5	4	5	75	5	20	0	0	1	0	1	20
CN		2012	AE	10/12 -10/18	10	15	10	26.7	8	32	0	0	0	0	0	0
CN		2012	AE	10/12 -10/18	3	16	3	18.8	3	3	0	3	0	0	3	100
CN		2013	AE	10/11-10/17	10	11	10	36.4	10	30	10	0	0	0	10	100
CN		2013	AE	10/11-10/17	3	15	3	6.7	3	9	0	0	0	0	0	0
CN		2014	AE	10/10 -10/16	1	2	1	0	0	0	0	0	0	0	0	-
CN		2015	AE	10/09 -10/15	2	6	2	0	2	12	0	0	0	0	0	0
CN		2016	AE	10/07 -10/13	4	4	4	50	4	24	0	0	0	0	0	0
CN		2016	AE	10/07 -10/13	2	2	2	50	2	2	0	0	2	0	2	100
CN	WW	2015	AE	10/09 -10/15	4	12	4	8.3	0	0	0	0	0	0	0	-
Archery																
1	CC	2012	ALS	9/28 -10/07	30	0	29	-	26	150	0	0	5	0	5	19
1	AM	2012	ALS	9/14 -9/23	10	2	10	100	0	0	0	0	0	0	0	-
1	AM	2013	ALS	9/13 -9/22	10	0	10	-	10	42	0	0	0	0	0	0
1	AM	2014	ALS	9/05 -9/28	10	1	10	100	10	103	0	0	0	0	0	0
1	AM	2015	ALS	9/04 -9/27	10	0	10	-	0	0	0	0	0	0	0	-
1	AM	2016	ALS	9/02 -9/25	10	0	10	-	10	68	0	0	0	0	0	0
1	CC	2012	ALS	8/03 -8/12	30	0	30	-	0	0	0	0	0	0	0	-
1	CC	2012	ALS	9/07 -9/30	30	0	30	-	0	0	0	0	0	0	0	-
1	CC	2012	ALS	10/05 -10/28	15	0	15	-	13	71	0	0	0	0	0	0

BE = Early Bull, B = Bull, ALS = Antlerless, AE = Any Elk, CN = Camp Navajo, CH = CHAMP Hunt, DV = Disabled Veteran, WW = Wounded Warrior

Herd-Units: AM = Antelope Mountain Hunt Area in Unit 1, CC= Canyon Creek in Unit 23, CC = Coon Canyon and Flat Top Hunt Areas in Unit 1, CF = Coon Canyon and Flat Top Hunt Areas in Unit 1, DL= Dry Lake, ES (Unit 1) = Escudilla, FT = Flat Top Hunt Areas in Unit 1, HM = Hutch Mtn., M=Martinez, ML = Marshall Lake, MM = Melatone Mesa, P = Peaks Hunt Area in Unit 7 East, RV = Round Valley, SM = East Sunset/West Sunset/ Meteor Crater, ST = East Sunset/West Sunset, TT= Twin Arrows/Two Guns/Grapevine, VV = Verde Valley.

# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Muzzleloader																
1	CC	2012	ALS	11/02 -11/11	15	0	9	-	0	0	0	0	0	0	0	-
1	CC	2012	ALS	11/16 -11/25	15	1	7	100	5	18	0	0	0	0	0	0
1	CC	2012	ALS	11/30 -12/23	15	0	2	-	0	0	0	0	0	0	0	-
1	CF	2013	ALS	8/02 -8/25	10	1	10	100	8	60	0	0	0	0	0	0
1	CF	2013	ALS	9/06 -9/29	10	0	10	-	10	73	0	0	0	2	2	20
1	CF	2013	ALS	10/04 -10/27	10	0	10	-	10	50	0	0	0	0	0	0
1	CF	2013	ALS	11/01 -11/24	10	0	10	-	0	0	0	0	0	0	0	-
1	CF	2013	ALS	12/06 -12/29	10	0	10	-	0	0	0	0	0	0	0	-
1	CF	2014	ALS	8/01 -8/31	5	1	5	100	5	30	0	0	0	0	0	0
1	CF	2014	ALS	9/05 -9/28	5	2	5	100	2	37	0	0	0	0	0	0
1	CF	2014	ALS	10/03 -10/26	5	0	5	-	5	18	0	0	2	2	4	80
1	CF	2014	ALS	10/31 -11/23	5	1	5	100	5	20	0	0	0	0	0	0
1	CF	2014	ALS	12/05 -12/28	5	0	5	-	5	13	0	0	0	0	0	0
1	CF	2015	ALS	7/31 -8/30	5	0	5	-	0	0	0	0	0	0	0	-
1	CF	2015	ALS	9/04 -9/27	5	0	5	-	5	90	0	0	0	0	0	0
1	CF	2015	ALS	10/02 -10/25	5	0	5	-	5	18	0	0	2	0	2	40
1	CF	2015	ALS	11/06 -11/29	5	0	5	-	0	0	0	0	0	0	0	-
1	CF	2015	ALS	12/04 -12/27	5	0	5	-	5	20	0	0	0	0	0	0
1	CF	2016	ALS	7/29 -8/28	5	1	5	100	0	0	0	0	0	0	0	-
1	CF	2016	ALS	9/02 -9/25	5	3	5	100	5	15	0	0	0	0	0	0
1	CF	2016	ALS	9/30 -10/23	5	0	5	-	5	70	0	0	3	0	3	60
1	CF	2016	ALS	11/04 -11/27	5	0	5	-	0	0	0	0	0	0	0	-
1	CF	2016	ALS	12/02 -12/25	5	0	5	-	0	0	0	0	0	0	0	-
1	FT	2012	ALS	9/14 -9/23	5	0	5	-	0	0	0	0	0	0	0	-
1	FT	2012	ALS	11/09 -11/18	5	0	2	-	0	0	0	0	0	0	0	-
1	FT	2012	ALS	11/23 -12/02	5	0	0	-	0	0	0	0	0	0	0	-
1/2B/2C		2012	B	9/14 -9/27	245	2321	245	8.3	239	1792	142	2	0	0	144	60
1/2B/2C		2012	B	11/16 -11/29	25	35	25	22.9	23	179	0	0	0	0	0	0
1/2B/2C		2013	B	9/13 -9/26	350	3179	350	8.3	346	3078	163	6	0	0	169	49
1/2B/2C		2013	B	11/15 -11/28	25	36	25	25	23	138	5	0	0	0	5	22
1/2B/2C		2014	B	9/12 -9/25	300	3247	302	7.4	298	2660	143	8	0	0	151	51
1/2B/2C		2014	B	11/14 -11/27	25	48	25	25	23	188	5	0	0	0	5	22
1/2B/2C		2015	B	9/11-9/24	300	3547	300	6.3	296	2702	104	2	0	0	106	36
1/2B/2C		2015	B	11/06 -11/19	30	44	30	34.1	28	203	5	0	0	0	5	18
1/2B/2C		2016	B	9/09 -9/22	300	3500	300	6.9	284	2531	116	2	0	0	118	42
1/2B/2C		2016	B	11/04 -11/17	30	60	30	15	26	169	8	0	0	0	8	31
1/2B/2C		2012	ALS	9/14 -9/27	75	62	75	32.3	68	453	0	0	14	3	17	25
1/2B/2C		2013	ALS	9/13 -9/26	75	77	75	27.3	70	490	0	0	8	3	11	16
1/2B/2C		2014	ALS	9/12 -9/25	75	80	75	36.3	69	480	0	0	16	0	16	23
1/2B/2C		2015	ALS	9/11-9/24	75	94	75	35.1	65	489	0	0	27	5	32	49
1/2B/2C		2016	ALS	9/09 -9/22	75	80	75	37.5	69	556	0	0	17	0	17	25
3A/3C		2012	B	9/14 -9/27	125	1065	125	8.1	125	948	65	0	0	0	65	52
3A/3C		2012	B	11/16 -11/29	25	15	25	73.3	23	157	0	0	0	0	0	0
3A/3C		2013	B	9/13 -9/26	150	1085	150	9.3	150	1194	87	0	0	0	87	58
3A/3C		2013	B	11/15 -11/28	25	22	25	36.4	19	103	0	6	0	0	6	32
3A/3C		2014	B	9/12 -9/25	150	1163	150	9.2	142	1272	72	4	0	0	76	54
3A/3C		2014	B	11/14 -11/27	25	34	25	35.3	21	171	0	0	0	0	0	0
3A/3C		2015	B	9/11-9/24	125	1359	125	6	121	1107	64	0	0	0	64	53
3A/3C		2015	B	11/06 -11/19	30	26	30	53.8	30	240	4	2	0	0	6	20
3A/3C		2016	B	9/09 -9/22	125	1441	125	5.9	123	1155	53	4	0	0	57	46
3A/3C		2016	B	11/04 -11/17	30	15	30	60	30	263	4	0	0	0	4	13
3A/3C		2012	ALS	9/14 -9/27	50	44	50	29.5	47	320	0	0	13	0	13	28
3A/3C		2013	ALS	9/13 -9/26	50	45	50	42.2	43	268	0	0	18	0	18	42
3A/3C		2014	ALS	9/12 -9/25	50	61	50	41	45	248	0	0	10	3	13	29

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
3A/3C		2015	ALS	9/11-9/24	50	53	50	37.7	50	319	0	0	6	0	6	12
3A/3C		2016	ALS	9/09 -9/22	50	49	50	34.7	50	300	0	0	14	0	14	28
3B		2012	B	9/14 -9/27	75	355	75	12.7	73	607	35	0	0	0	35	48
3B		2012	B	11/16 -11/29	25	10	25	40	23	152	6	0	0	0	6	26
3B		2013	B	9/13 -9/26	75	321	75	12.8	75	589	28	1	0	0	29	39
3B		2013	B	11/15 -11/28	50	37	50	48.6	44	308	0	0	0	0	0	0
3B		2014	B	9/12 -9/25	75	353	75	11.3	75	651	27	2	0	0	29	39
3B		2014	B	11/14 -11/27	50	20	50	80	42	358	4	4	0	0	8	19
3B		2015	B	9/11-9/24	75	398	75	9.5	75	620	13	3	0	0	16	21
3B		2015	B	11/06 -11/19	55	21	55	85.7	55	459	4	2	0	0	6	11
3B		2016	B	9/09 -9/22	75	421	75	9.5	72	602	31	3	0	0	34	47
3B		2016	B	11/04 -11/17	55	32	55	50	52	447	3	0	0	0	3	6
3B		2012	ALS	9/14 -9/27	25	34	25	32.4	25	243	0	0	5	0	5	20
3B		2013	ALS	9/13 -9/26	25	30	25	23.3	23	204	0	0	6	0	6	26
3B		2014	ALS	9/12 -9/25	25	25	25	24	23	195	0	0	9	0	9	39
3B		2015	ALS	9/11-9/24	25	36	25	33.3	25	194	0	0	8	2	10	40
3B		2016	ALS	9/11-9/22	25	24	25	37.5	25	217	0	0	6	0	6	24
4A		2012	B	9/14 -9/27	243	1224	243	14.7	241	2187	91	6	0	0	97	40
4A (Hopi)		2012	B	9/14 -9/27	7	9	7	77.8	7	42	2	0	0	0	2	29
4A		2012	B	11/16 -11/29	24	7	24	100	24	149	0	3	0	0	3	13
4A (Hopi)		2012	B	11/16 -11/29	1	0	1	-	0	0	0	0	0	0	0	-
4A		2013	B	9/13 -9/26	292	1348	292	16.5	288	2411	95	6	0	0	101	35
4A (Hopi)		2013	B	9/13 -9/26	8	5	8	100	6	35	3	0	0	0	3	50
4A		2013	B	11/15 -11/28	24	18	24	44.4	24	126	0	0	0	0	0	0
4A (Hopi)		2013	B	11/15 -11/28	1	0	1	-	0	0	0	0	0	0	0	-
4A		2014	B	9/12 -9/25	166	1151	166	10.4	164	1427	67	4	0	0	71	43
4A (Hopi)		2014	B	9/12 -9/25	8	7	4	57.1	4	36	0	0	0	0	0	0
4A		2014	B	11/14 -11/27	24	17	24	52.9	20	152	4	0	0	0	4	20
4A (Hopi)		2014	B	11/14 -11/27	1	0	1	-	0	0	0	0	0	0	0	-
4A		2015	B	9/11-9/24	166	1157	166	10.2	161	1393	71	0	0	0	71	44
4A (Hopi)		2015	B	9/11-9/24	4	3	4	100	0	0	0	0	0	0	0	-
4A		2015	B	11/06 -11/19	29	23	29	56.5	29	261	0	0	0	0	0	0
4A (Hopi)		2015	B	11/06 -11/19	1	0	1	-	0	0	0	0	0	0	0	-
4A		2016	B	9/09 -9/22	165	1276	165	10.3	165	1403	52	7	0	0	59	36
4A (Hopi)		2016	B	9/09 -9/22	5	5	5	100	3	16	0	0	0	0	0	0
4A		2016	B	11/04 -11/17	29	28	29	39.3	29	276	0	0	0	0	0	0
4A (Hopi)		2016	B	11/04 -11/17	1	0	1	-	0	0	0	0	0	0	0	-
4A		2012	ALS	9/14 -9/27	78	74	78	23	72	407	0	0	28	2	30	42
4A (Hopi)		2012	ALS	9/14 -9/27	2	0	2	-	0	0	0	0	0	0	0	-
4A		2013	ALS	9/13 -9/26	78	49	78	28.6	76	495	0	0	36	0	36	47
4A (Hopi)		2013	ALS	9/13 -9/26	2	0	2	-	2	8	0	0	1	0	1	50
4A		2014	ALS	9/12 -9/25	78	67	78	34.3	76	552	0	0	16	2	18	24
4A (Hopi)		2014	ALS	9/12 -9/25	2	0	2	-	0	0	0	0	0	0	0	-
4A		2015	ALS	9/11-9/24	78	103	78	27.2	78	605	0	0	19	3	22	28
4A (Hopi)		2015	ALS	9/11-11/24	2	0	2	-	0	0	0	0	0	0	0	-
4A		2016	ALS	9/09 -9/22	78	97	78	21.6	76	620	0	0	19	0	19	25
4A (Hopi)		2016	ALS	9/09 -9/22	2	2	2	100	2	10	0	0	0	0	0	0
4B		2012	B	9/14 -9/27	150	420	150	18.1	148	1350	41	0	0	0	41	28
4B		2012	B	11/16 -11/29	25	11	25	54.5	19	165	0	0	0	0	0	0
4B		2013	B	9/13 -9/26	175	409	175	24.4	175	1471	52	0	0	0	52	30
4B		2013	B	11/15 -11/28	25	4	25	100	25	150	5	0	0	0	5	20
4B		2014	B	9/12 -9/25	125	425	125	15.1	121	1074	35	0	0	0	35	29
4B		2014	B	11/14 -11/27	25	3	25	100	25	163	8	0	0	0	8	32
4B		2015	B	9/11-9/24	125	497	125	16.1	123	1125	32	0	0	0	32	26

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
4B		2015	B	11/06 -11/19	30	17	30	88.2	23	185	2	0	0	0	2	9
4B		2016	B	9/09 -9/22	125	552	125	13.9	119	938	41	0	0	0	41	34
4B		2016	B	11/04 -11/17	30	31	30	54.8	30	210	5	2	0	0	7	23
4B		2012	ALS	9/14 -9/27	50	19	50	89.5	48	388	0	0	5	0	5	10
4B		2013	ALS	9/13 -9/26	50	30	50	66.7	48	298	0	0	11	0	11	23
4B		2014	ALS	9/12 -9/25	50	38	50	47.4	50	345	0	0	20	3	23	46
4B		2015	ALS	9/11-9/24	50	28	50	57.1	50	334	0	0	7	0	7	14
4B		2016	ALS	9/09 -9/22	50	64	50	32.8	50	338	0	0	15	0	15	30
5A		2012	B	9/14 -9/27	179	941	179	14	174	1495	67	2	0	0	69	40
5A (Hopi)		2012	B	9/14 -9/27	6	1	8	100	8	32	0	0	0	0	0	0
5A		2012	B	11/16 -11/29	24	20	24	30	24	151	2	0	0	0	2	8
5A (Hopi)		2012	B	11/16 -11/29	1	0	1	-	0	0	0	0	0	0	0	-
5A		2013	B	9/13 -9/26	179	988	179	14.9	170	1348	54	2	0	0	56	33
5A (Hopi)		2013	B	9/13 -9/26	6	2	6	100	6	48	0	0	0	0	0	0
5A		2013	B	11/15 -11/28	24	20	24	75	24	201	0	2	0	0	2	8
5A (Hopi)		2013	B	11/15 -11/28	1	0	1	-	0	0	0	0	0	0	0	-
5A		2014	B	9/12 -9/25	194	1006	194	15.2	192	1670	45	5	0	0	50	26
5A (Hopi)		2014	B	9/12 -9/25	6	1	6	100	6	47	3	0	0	0	3	50
5A		2014	B	11/14 -11/27	24	28	24	50	22	125	2	0	0	0	2	9
5A (Hopi)		2014	B	11/14 -11/27	1	0	1	-	1	8	1	0	0	0	1	100
5A		2015	B	9/11-9/24	194	1109	194	12.6	192	1729	70	2	0	0	72	38
5A (Hopi)		2015	B	9/11-9/24	6	3	6	100	6	40	2	0	0	0	2	33
5A		2015	B	11/06 -11/19	29	24	29	50	27	243	0	0	0	0	0	0
5A (Hopi)		2015	B	11/06 -11/19	1	0	1	-	1	5	0	0	0	0	0	0
5A		2016	B	9/09 -9/22	194	1075	194	14.1	192	1537	84	13	0	0	97	51
5A (Hopi)		2016	B	9/09 -9/22	6	3	6	100	6	35	0	2	0	0	2	33
5A		2016	B	11/04 -11/17	29	24	29	41.7	19	169	5	0	0	0	5	26
5A (Hopi)		2016	B	11/04 -11/17	1	0	1	-	0	0	0	0	0	0	0	-
5A		2012	ALS	9/14 -9/27	39	27	39	14.8	37	305	0	0	7	0	7	19
5A (Hopi)		2012	ALS	9/14 -9/27	1	1	1	100	0	0	0	0	0	0	0	-
5A		2013	ALS	9/13 -9/26	39	32	39	25	37	300	0	0	3	3	6	16
5A (Hopi)		2013	ALS	9/13 -9/26	1	0	1	-	0	0	0	0	0	0	0	-
5A		2014	ALS	9/12 -9/25	48	37	48	29.7	46	306	0	0	20	0	20	43
5A (Hopi)		2014	ALS	9/12 -9/25	1	0	1	-	0	0	0	0	0	0	0	-
5A		2015	ALS	9/11-9/24	48	43	48	32.6	48	334	0	0	14	2	16	33
5A (Hopi)		2015	ALS	9/11-9/24	2	1	2	100	0	0	0	0	0	0	0	-
5A		2016	ALS	9/09 -9/22	48	64	48	21.9	46	413	0	0	10	0	10	22
5A (Hopi)		2016	ALS	9/09 -9/22	2	0	2	-	2	2	0	0	2	0	2	100
5BN		2012	B	9/14 -9/27	241	892	239	16.3	229	1988	54	0	0	0	54	24
5BN (Hopi)		2012	B	9/14 -9/27	9	8	9	87.5	9	36	0	0	0	0	0	0
5BN		2012	B	11/16 -11/29	24	32	24	28.1	24	157	4	0	0	0	4	17
5BN (Hopi)		2012	B	11/16 -11/29	1	0	1	-	1	6	0	0	0	0	0	0
5BN		2013	B	9/13 -9/26	241	835	241	19.4	239	2121	32	6	0	0	38	16
5BN (Hopi)		2013	B	9/13 -9/26	9	10	9	40	9	68	0	0	0	0	0	0
5BN		2013	B	11/15 -11/28	24	24	24	58.3	24	142	7	0	0	0	7	29
5BN (Hopi)		2013	B	11/15 -11/28	1	0	1	-	1	4	0	0	0	0	0	0
5BN		2014	B	9/12 -9/25	169	664	169	17.9	163	1617	44	4	0	0	48	29
5BN (Hopi)		2014	B	9/12 -9/25	9	5	6	100	6	60	0	0	0	0	0	0
5BN		2014	B	11/14 -11/27	24	25	24	36	20	118	2	0	0	0	2	10
5BN (Hopi)		2014	B	11/14 -11/27	1	0	1	-	0	0	0	0	0	0	0	-
5BN		2015	B	9/11-9/24	145	682	145	12.3	141	1145	47	0	0	0	47	33
5BN (Hopi)		2015	B	9/11-9/24	5	7	5	57.1	5	20	0	0	0	0	0	0
5BN		2015	B	11/06 -11/19	29	26	29	53.8	29	208	0	0	0	0	0	0
5BN (Hopi)		2015	B	11/06 -11/19	1	0	1	-	1	9	0	0	0	0	0	0

BE = Early Bull, B = Bull, ALS = Antlerless, AE = Any Elk, CN = Camp Navajo, CH = CHAMP Hunt, DV = Disabled Veteran, WW = Wounded Warrior

Herd-Units: AM = Antelope Mountain Hunt Area in Unit 1, CC= Canyon Creek in Unit 23, CC = Coon Canyon and Flat Top Hunt Areas in Unit 1, CF = Coon Canyon and Flat Top Hunt Areas in Unit 1, DL= Dry Lake, ES (Unit 1) = Escudilla, FT = Flat Top Hunt Areas in Unit 1, HM = Hutch Mtn., M=Martinez, ML = Marshall Lake, MM = Melatone Mesa, P = Peaks Hunt Area in Unit 7 East, RV = Round Valley, SM = East Sunset/West Sunset/ Meteor Crater, ST = East Sunset/West Sunset, TT= Twin Arrows/Two Guns/Grapevine, VV = Verde Valley.

# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
5BN		2016	B	9/09 -9/22	144	725	144	13.1	135	1129	42	0	0	0	42	31
5BN (Hopi)		2016	B	9/09 -9/22	6	8	6	62.5	6	50	6	0	0	0	6	100
5BN		2016	B	11/04 -11/17	29	29	29	48.3	25	145	12	0	0	0	12	48
5BN (Hopi)		2016	B	11/04 -11/17	1	1	1	100	1	10	0	0	0	0	0	
5BN		2012	ALS	9/14 -9/27	24	21	24	42.9	22	157	0	0	9	0	9	41
5BN (Hopi)		2012	ALS	9/14 -9/27	1	0	1	-	0	0	0	0	0	0	0	-
5BN		2013	ALS	9/13 -9/26	24	23	24	17.4	20	177	0	0	0	0	0	0
5BN (Hopi)		2013	ALS	9/13 -9/26	1	0	1	-	1	7	0	0	1	0	1	100
5BN		2014	ALS	9/12 -9/25	24	11	24	27.3	20	199	0	0	4	0	4	20
5BN (Hopi)		2014	ALS	9/12 -9/25	1	1	1	100	0	0	0	0	0	0	0	-
5BN		2015	ALS	9/11-9/24	24	16	24	37.5	22	162	0	0	4	2	6	27
5BN (Hopi)		2015	ALS	9/11-9/24	1	0	1	-	0	0	0	0	0	0	0	0
5BN		2016	ALS	9/09 -9/22	24	9	24	33.3	24	183	0	0	4	0	4	17
5BN (Hopi)		2016	ALS	9/09 -9/22	1	0	1	-	1	1	0	0	0	0	0	0
5BS		2012	B	9/14 -9/27	175	1361	175	10.7	173	1476	94	2	0	0	96	55
5BS		2012	B	11/16 -11/29	25	15	25	46.7	25	202	0	5	0	0	5	20
5BS		2013	B	9/13 -9/26	175	1362	175	10.8	175	1479	49	6	0	0	55	31
5BS		2013	B	11/15 -11/28	25	40	25	37.5	25	180	5	0	0	0	5	20
5BS		2014	B	9/12 -9/25	225	1623	225	12	216	1729	82	9	0	0	91	42
5BS		2014	B	11/14 -11/27	25	28	25	32.1	25	168	7	4	0	0	11	44
5BS		2015	B	9/11-9/24	200	1710	200	8.9	193	1720	67	5	0	0	72	37
5BS		2015	B	11/06 -11/19	30	25	30	48	28	208	3	0	0	0	3	11
5BS		2016	B	9/09 -9/22	200	1560	200	9.1	198	1667	67	14	0	0	81	41
5BS		2016	B	11/04 -11/17	30	71	30	16.9	30	161	23	0	0	0	23	77
5BS		2012	ALS	9/14 -9/27	50	100	50	19	46	285	0	0	15	0	15	33
5BS		2013	ALS	9/13 -9/26	50	53	50	18.9	50	404	0	0	9	0	9	18
5BS		2014	ALS	9/12 -9/25	50	56	50	23.2	50	369	0	0	7	0	7	14
5BS		2015	ALS	9/11-9/24	50	68	50	23.5	47	453	0	0	11	0	11	23
5BS		2016	ALS	9/09 -9/22	50	70	50	11.4	45	310	0	0	14	0	14	31
6A		2012	B	9/14 -9/27	650	2763	650	17.7	629	5156	175	21	0	0	196	31
6A		2012	B	11/16 -11/29	25	41	25	22	25	132	2	0	0	0	2	8
6A		2013	B	9/13 -9/26	775	2952	775	19.7	763	6711	136	24	0	0	160	21
6A		2013	B	11/15 -11/28	25	32	25	25	25	113	5	3	0	0	8	32
6A		2014	B	9/12 -9/25	775	2753	775	20.3	763	6465	137	30	0	0	167	22
6A		2014	B	11/14 -11/27	25	29	25	27.6	19	81	0	0	0	0	0	0
6A		2015	B	9/11-9/24	775	2859	775	19.7	761	6510	186	17	0	0	203	27
6A		2015	B	11/20 -11/26	30	30	30	56.7	24	123	0	0	0	0	0	0
6A		2016	B	9/09 -9/22	700	2814	700	17.9	679	5698	194	23	0	0	217	32
6A		2016	B	11/18 -11/24	30	44	30	22.7	30	100	0	0	0	0	0	0
6A		2012	ALS	9/14 -9/27	75	101	75	28.7	75	579	0	0	10	0	10	13
6A		2013	ALS	9/13 -9/26	25	46	25	26.1	25	188	0	0	0	0	0	0
6A		2014	ALS	9/12 -9/25	5	54	25	25.9	19	194	0	0	3	0	3	16
6A		2015	ALS	9/11-9/24	25	78	25	20.5	24	172	0	0	1	0	1	4
6A		2016	ALS	9/09 -9/22	25	62	25	14.5	23	164	0	0	2	0	2	9
6B		2012	B	9/14 -9/27	125	387	125	21.2	119	1093	32	2	0	0	34	29
6B		2012	B	11/16 -11/29	25	8	25	75	19	194	6	0	0	0	6	32
6B		2013	B	9/13 -9/26	155	458	155	22.5	153	1339	24	0	0	0	24	16
6B		2013	B	11/15 -11/28	25	6	25	66.7	25	167	0	0	0	0	0	0
6B		2014	B	9/12 -9/25	155	444	155	18.2	148	1226	32	2	0	0	34	23
6B		2014	B	11/14 -11/27	25	31	25	48.4	25	144	3	3	0	0	6	24
6B		2015	B	9/11-9/24	155	378	155	24.1	149	1153	54	3	0	0	57	38
6B		2015	B	11/13 -11/26	30	13	30	53.8	25	215	3	0	0	0	3	12
6B		2016	B	9/09 -9/22	155	608	155	19.7	150	1196	49	11	0	0	60	40
6B		2016	B	11/11-11/24	30	17	30	76.5	25	177	0	3	0	0	3	12

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
6B		2012	ALS	9/14 -9/27	50	14	50	64.3	50	306	0	0	22	3	25	50
6B		2013	ALS	9/13 -9/26	75	33	75	24.2	66	484	0	0	6	4	10	15
6B		2014	ALS	9/12 -9/25	75	42	75	40.5	70	496	0	0	11	0	11	16
6B		2015	ALS	9/11-9/24	75	32	75	59.4	73	616	0	0	9	5	14	19
6B		2016	ALS	9/09 -9/22	75	34	75	44.1	73	491	0	0	18	0	18	25
7E		2012	B	9/14 -9/27	110	333	110	20.1	105	892	34	2	0	0	36	34
7E		2012	B	11/16 -11/29	25	6	25	100	23	183	5	0	0	0	5	22
7E		2013	B	9/13 -9/26	125	383	125	18.8	121	1140	35	2	0	0	37	31
7E		2013	B	11/15 -11/28	25	15	25	86.7	23	190	5	0	0	0	5	22
7E		2014	B	9/12 -9/25	125	415	125	23.9	121	1168	22	9	0	0	31	26
7E		2014	B	11/14 -11/27	25	15	25	60	25	154	8	0	0	0	8	32
7E		2015	B	9/11-9/24	150	448	150	20.3	150	1278	51	5	0	0	56	37
7E		2015	B	11/06 -11/19	55	17	55	100	53	363	13	0	0	0	13	25
7E		2016	B	9/09 -9/22	150	355	150	19.7	148	1265	21	6	0	0	27	18
7E		2016	B	11/04 -11/17	55	43	55	69.8	55	380	9	5	0	0	14	25
7E		2012	ALS	9/14 -9/27	50	29	50	55.2	50	357	0	0	12	0	12	24
7E		2013	ALS	9/13 -9/26	55	23	55	78.3	51	462	0	0	2	0	2	4
7E		2014	ALS	9/12 -9/25	55	30	55	33.3	53	458	0	0	7	0	7	13
7E		2015	ALS	9/11-9/24	55	17	55	76.5	50	369	0	0	13	0	13	26
7E		2016	ALS	9/09 -9/22	55	15	55	73.3	49	350	0	0	4	0	4	8
7W		2012	B	9/14 -9/27	100	803	100	8.7	96	898	57	2	0	0	59	61
7W		2012	B	11/16 -11/29	25	27	25	44.4	23	162	3	3	0	0	6	26
7W		2013	B	9/13 -9/26	130	877	130	10	128	1126	52	0	0	0	52	41
7W		2013	B	11/15 -11/28	25	34	25	35.3	25	142	6	0	0	0	6	24
7W		2014	B	9/12 -9/25	150	1089	150	9.3	146	1415	49	4	0	0	53	36
7W		2014	B	11/14 -11/27	25	22	25	45.5	25	200	4	4	0	0	8	32
7W		2015	B	9/11-9/24	175	1040	175	10.4	169	1605	50	2	0	0	52	31
7W		2015	B	11/06 -11/19	55	36	55	52.8	49	342	12	2	0	0	14	29
7W		2016	B	9/09 -9/22	175	1082	175	10.9	175	1544	76	0	0	0	76	43
7W		2016	B	11/04 -11/17	55	55	55	52.7	55	446	13	0	0	0	13	24
7W		2012	ALS	9/14 -9/27	50	34	50	50	45	335	0	0	13	0	13	29
7W		2013	ALS	9/13 -9/26	50	39	50	41	48	426	0	0	5	2	7	15
7W		2014	ALS	9/12 -9/25	50	57	50	33.3	50	365	0	0	13	0	13	26
7W		2015	ALS	9/11-9/24	50	60	50	35	50	416	0	0	6	0	6	12
7W		2016	ALS	9/09 -9/22	50	53	50	20.8	41	315	0	0	11	2	13	32
8		2012	B	9/14 -9/27	150	761	150	14.1	143	1364	37	5	0	0	42	29
8		2012	B	11/16 -11/29	25	35	25	34.3	23	184	0	5	0	0	5	22
8		2013	B	9/13 -9/26	200	808	200	17	198	1731	44	10	0	0	54	27
8		2013	B	11/15 -11/28	25	15	25	46.7	20	200	5	0	0	0	5	25
8		2014	B	9/12 -9/25	200	865	200	15.3	196	1804	62	8	0	0	70	36
8		2014	B	11/14 -11/27	25	13	25	76.9	25	200	0	0	0	0	0	0
8		2015	B	9/11-9/24	150	801	150	11.7	148	1454	43	2	0	0	45	30
8		2015	B	11/06 -11/19	30	57	30	21.1	30	247	10	0	0	0	10	33
8		2016	B	9/09 -9/22	175	840	175	12.3	168	1488	53	2	0	0	55	33
8		2016	B	11/04 -11/17	30	38	30	39.5	30	300	0	0	0	0	0	0
8		2012	ALS	9/14 -9/27	50	35	50	48.6	41	328	0	0	12	0	12	29
8		2013	ALS	9/13 -9/26	50	33	50	27.3	40	375	0	0	10	0	10	25
8		2014	ALS	9/12 -9/25	50	35	50	40	46	321	0	0	10	0	10	22
8		2015	ALS	9/11-9/24	50	51	50	47.1	48	367	0	0	6	4	10	21
8		2016	ALS	9/09 -9/22	50	37	50	37.8	47	350	0	0	10	0	10	21
9		2012	B	9/14 -9/27	100	2046	100	3.9	98	829	77	4	0	0	81	83
9		2012	B	11/16 -11/29	25	49	25	18.4	25	214	11	0	0	0	11	44
9		2013	B	9/13 -9/26	100	2798	100	3.2	98	980	50	0	0	0	50	51
9		2013	B	11/15 -11/28	25	49	25	32.7	20	161	5	0	0	0	5	25

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
9		2014	B	9/12 -9/25	100	2373	99	3.4	95	862	56	2	0	0	58	61
9		2014	B	11/14 -11/27	50	52	50	38.5	45	308	26	3	0	0	29	64
9		2015	B	9/18 -10/01	100	2248	100	3.4	100	857	77	0	0	0	77	77
9		2015	B	11/13 -11/26	55	74	55	29.7	43	308	15	0	0	0	15	35
9		2016	B	9/16 -9/29	100	2439	100	3.3	98	939	53	4	0	0	57	58
9		2016	B	11/11-11/24	100	92	100	40.2	94	797	16	0	0	0	16	17
10		2012	B	9/14 -9/27	200	1962	200	5.9	198	1908	72	2	0	0	74	37
10		2012	B	11/16 -11/29	30	28	30	35.7	25	180	5	0	0	0	5	20
10		2013	B	9/13 -9/26	200	1175	200	8.8	193	1776	58	0	0	0	58	30
10		2013	B	11/15 -11/28	30	15	30	33.3	28	240	8	3	0	0	11	39
10		2014	B	9/12 -9/25	200	1083	200	9.3	196	1833	70	0	0	0	70	36
10		2014	B	11/14 -11/27	30	29	30	44.8	25	194	3	3	0	0	6	24
10		2015	B	9/11-9/24	200	1106	200	9.4	200	1971	61	3	0	0	64	32
10		2015	B	11/13 -11/26	35	46	35	34.8	33	235	3	0	0	0	3	9
10		2016	B	9/09 -9/22	125	894	125	8.6	116	1142	34	2	0	0	36	31
10		2016	B	11/11-11/24	35	32	35	50	27	241	4	0	0	0	4	15
10		2012	ALS	9/14 -9/27	75	62	72	48.4	55	353	0	0	2	0	2	4
10		2013	ALS	11/15 -11/28	25	3	25	100	19	112	0	0	0	0	0	0
10		2014	ALS	11/14 -11/27	25	12	25	100	25	161	0	0	0	0	0	0
10		2015	ALS	11/13 -11/26	25	6	25	100	25	200	0	0	0	0	0	0
10		2016	ALS	11/11-11/24	25	2	25	100	25	175	0	0	0	0	0	0
11M		2012	B	9/14 -9/27	80	315	80	20.6	80	660	35	7	0	0	42	53
11M		2012	B	9/28 -10/11	80	199	80	22.1	78	778	18	2	0	0	20	26
11M		2013	B	9/13 -9/26	80	341	80	17.3	80	660	21	9	0	0	30	38
11M		2013	B	9/27 -10/10	80	211	80	19.4	80	582	17	2	0	0	19	24
11M		2014	B	9/12 -9/25	80	371	80	16.7	76	770	13	0	0	0	13	17
11M		2014	B	9/26 -10/09	80	216	80	19.9	76	728	12	2	0	0	14	18
11M		2015	B	9/11-9/24	80	363	80	16	76	576	24	2	0	0	26	34
11M		2015	B	9/25 -10/08	80	260	80	18.1	78	636	10	2	0	0	12	15
11M		2016	B	9/09 -9/22	80	309	80	20.4	74	613	16	6	0	0	22	30
11M		2016	B	9/23 -10/06	80	237	80	21.5	80	677	25	0	0	0	25	31
11M		2012	ALS	9/14 -9/27	80	69	80	40.6	80	571	0	0	29	0	29	36
11M		2012	ALS	9/28 -10/11	80	39	80	46.2	80	553	0	0	33	0	33	41
11M		2013	ALS	9/13 -9/26	80	96	80	38.5	76	528	0	0	26	2	28	37
11M		2013	ALS	9/27 -10/10	80	70	80	57.1	76	597	0	0	20	0	20	26
11M		2014	ALS	9/12 -9/25	80	98	80	41.8	73	518	0	0	21	0	21	29
11M		2014	ALS	9/26 -10/09	80	61	80	62.3	78	611	0	0	13	0	13	17
11M		2015	ALS	9/11-9/24	80	101	80	52.5	75	657	0	0	19	2	21	28
11M		2015	ALS	9/25 -10/08	80	64	80	50	77	604	0	0	25	3	28	36
11M		2016	ALS	9/09 -9/22	80	107	80	39.3	78	657	0	0	24	0	24	31
11M		2016	ALS	9/23 -10/06	80	66	80	53	77	534	0	0	23	6	29	38
15A/15B/18A		2012	B	9/14 -10/04	25	80	25	17.5	25	211	11	0	0	0	11	44
15A/15B/18A		2013	B	9/13 -10/03	25	78	25	17.9	23	258	10	0	0	0	10	43
15A/15B/18A		2014	B	9/12 -10/02	25	77	25	16.9	25	214	11	0	0	0	11	44
15A/15B/18A		2015	B	9/11-9/24	25	84	25	17.9	25	193	7	0	0	0	7	28
15A/15B/18A		2016	B	9/09 -9/22	25	93	25	21.5	18	189	7	0	0	0	7	39
16A		2012	B	9/14 -9/27	4	11	4	9.1	4	18	4	0	0	0	4	100
16A		2013	B	9/13 -9/26	4	21	4	19	4	19	4	0	0	0	4	100
16A		2014	B	9/12 -9/25	4	21	4	14.3	4	19	3	0	0	0	3	75
16A		2015	B	9/11-9/24	4	25	4	8	4	10	3	0	0	0	3	75
16A		2016	B	9/09 -9/22	4	20	4	10	4	12	2	0	0	0	2	50
17/18B/19B/20AC		2012	B	9/14 -10/04	35	83	35	15.7	35	340	20	0	0	0	20	57
17/18B/19B/20AC		2013	B	9/13 -10/03	35	96	35	18.8	32	235	22	0	0	0	22	69
17/18B/19B/20AC		2014	B	9/12 -10/02	35	114	35	19.3	35	233	16	0	0	0	16	46

BE = Early Bull, B = Bull, ALS = Antlerless, AE = Any Elk, CN = Camp Navajo, CH = CHAMP Hunt, DV = Disabled Veteran, WW = Wounded Warrior

Herd-Units: AM = Antelope Mountain Hunt Area in Unit 1, CC= Canyon Creek in Unit 23, CC = Coon Canyon and Flat Top Hunt Areas in Unit 1, CF = Coon Canyon and Flat Top Hunt Areas in Unit 1, DL= Dry Lake, ES (Unit 1) = Escudilla, FT = Flat Top Hunt Areas in Unit 1, HM = Hutch Mtn., M=Martinez, ML = Marshall Lake, MM = Melatone Mesa, P = Peaks Hunt Area in Unit 7 East, RV = Round Valley, SM = East Sunset/West Sunset/ Meteor Crater, ST = East Sunset/West Sunset, TT= Twin Arrows/Two Guns/Grapevine, VV = Verde Valley.

# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
17/18B/19B/20AC		2012	ALS	9/14 -10/04	35	1	35	100	29	229	0	0	2	0	2	7
17/18B/19B/20AC		2013	ALS	9/13 -10/03	35	1	35	100	35	267	0	0	0	0	0	0
17/18B/19B/20AC		2014	ALS	9/12 -9/25	35	5	35	100	35	237	0	0	5	0	5	14
17/18B/19B/20AC		2015	B	9/11-9/24	35	99	35	21.2	35	317	11	0	0	0	11	0
17/18B/19B/20AC		2016	B	9/09 -9/22	35	99	35	13.1	33	191	12	2	0	0	14	42
17/18B/19B/20AC		2015	ALS	9/11-10/01	35	6	35	100	35	280	0	0	0	0	0	0
17/18B/19B/20AC		2016	ALS	9/09 -9/22	35	1	35	100	31	239	0	0	4	0	4	13
19A		2012	B	9/14 -9/27	15	33	15	36.4	13	118	6	0	0	0	6	46
19A		2013	B	9/13 -9/26	15	41	15	19.5	15	120	5	0	0	0	5	33
19A		2014	B	9/12 -9/25	15	31	15	25.8	10	130	3	0	0	0	3	30
19A		2015	B	9/11-9/24	15	53	15	20.8	15	96	9	0	0	0	9	60
19A		2016	B	9/09 -9/22	15	43	15	16.3	11	86	2	0	0	0	2	18
21		2012	B	9/14 -9/27	10	60	10	11.7	10	70	5	0	0	0	5	50
21		2013	B	9/13 -9/26	15	62	15	16.1	15	83	11	0	0	0	11	73
21		2014	B	9/12 -9/25	15	116	15	8.6	14	104	3	2	0	0	5	36
21		2015	B	9/11-9/24	15	98	15	7.1	15	84	13	0	0	0	13	87
21		2016	B	9/09 -9/22	10	47	10	19.1	10	73	8	0	0	0	8	80
22		2012	B	9/14 -9/27	25	250	25	7.2	25	136	16	0	0	0	16	64
22		2013	B	9/13 -9/26	25	235	25	8.5	25	177	18	0	0	0	18	72
22		2014	B	9/12 -9/25	25	287	25	5.9	25	196	12	0	0	0	12	48
22		2015	B	9/11-9/24	25	383	25	5.5	25	132	18	0	0	0	18	72
22		2016	B	9/09 -9/22	25	314	25	6.4	22	113	18	0	0	0	18	82
22		2012	ALS	11/16 -11/29	70	59	70	61	64	435	0	0	21	0	21	33
22		2013	ALS	11/15 -11/28	70	52	70	73.1	65	475	0	0	15	3	18	28
22		2014	ALS	11/14 -11/27	70	57	70	73.7	67	541	0	0	16	0	16	24
22		2015	ALS	11/13 -11/26	70	49	70	61.2	64	331	0	0	31	0	31	48
22		2016	ALS	11/11-11/24	70	69	70	60.9	64	391	0	0	18	3	21	33
22N		2012	B	11/16 -11/29	275	102	275	90.2	262	1887	31	18	0	0	49	19
22N		2013	B	11/15 -11/28	375	109	375	100	352	2400	23	18	0	0	41	12
22N		2014	B	11/14 -11/27	375	78	375	98.7	354	2408	34	21	0	0	55	16
22N		2015	B	11/13 -11/26	355	125	355	99.2	338	2541	36	14	0	0	50	15
22N		2016	B	11/11-11/24	375	121	375	100	332	2250	37	40	0	0	77	23
22S		2012	B	11/16 -11/29	30	18	30	50	30	259	11	0	0	0	11	37
22S		2013	B	11/15 -11/28	60	19	60	100	56	447	2	2	0	0	4	7
22S		2014	B	11/14 -11/27	60	34	60	76.5	56	364	0	4	0	0	4	7
22S		2015	B	11/13 -11/26	65	14	65	100	65	375	12	6	0	0	18	28
22S		2016	B	11/11-11/24	65	17	65	100	56	429	4	4	0	0	8	14
23		2012	B	11/16 -11/29	200	75	200	90.7	193	1307	30	9	0	0	39	20
23		2013	B	11/15 -11/28	275	71	275	98.6	258	1937	5	2	0	0	7	3
23		2014	B	11/14 -11/27	200	102	200	79.4	158	1145	39	3	0	0	42	27
23		2015	B	11/13 -11/26	205	133	205	77.4	191	1275	32	5	0	0	37	19
23		2016	B	11/11-11/24	205	146	205	54.8	198	1401	26	7	0	0	33	17
23		2012	ALS	11/16 -11/29	25	13	25	76.9	25	235	0	0	8	0	8	32
23		2013	ALS	11/15 -11/28	25	22	25	86.4	21	125	0	0	6	0	6	29
23		2014	ALS	11/14 -11/27	25	17	25	76.5	20	150	0	0	5	0	5	25
23		2015	ALS	11/13 -11/26	25	21	25	76.2	25	165	0	0	6	0	6	24
23		2016	ALS	11/11-11/24	25	31	25	58.1	23	190	0	0	10	0	10	43
23N		2012	B	9/14 -9/27	15	318	15	4.1	13	92	9	0	0	0	9	69
23N		2013	B	9/13 -9/26	15	292	15	4.5	15	65	15	0	0	0	15	100
23N		2014	B	9/12 -9/25	15	444	15	2.7	15	169	9	0	0	0	9	60
23N		2015	B	9/11-9/24	15	851	15	1.5	14	132	11	0	0	0	11	79
23N		2016	B	9/09 -9/22	15	773	15	1.3	15	73	13	0	0	0	13	87
23S		2012	B	9/14 -9/27	15	217	15	6.5	15	135	9	0	0	0	9	60
23S		2013	B	9/13 -9/26	15	210	15	5.2	15	116	13	0	0	0	13	87

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# Elk Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
23S		2014	B	9/12 -9/25	15	212	15	4.7	15	128	15	0	0	0	15	100
23S		2015	B	9/11-9/24	15	244	15	3.3	15	118	13	0	0	0	13	87
23S		2016	B	9/09 -9/22	15	362	15	1.9	15	159	6	0	0	0	6	40
27		2012	B	9/14 -9/27	150	752	150	10.2	144	1131	75	2	0	0	77	53
27		2012	B	11/16 -11/29	25	18	25	38.9	20	190	0	0	0	0	0	0
27		2013	B	9/13 -9/26	225	989	225	12.7	223	1925	98	0	0	0	98	44
27		2013	B	11/15 -11/28	25	24	25	33.3	22	159	6	0	0	0	6	27
27		2014	B	9/12 -9/25	225	1253	225	13	221	2101	57	0	0	0	57	26
27		2014	B	11/14 -11/27	25	37	25	35.1	25	192	8	0	0	0	8	32
27		2015	B	9/11-9/24	225	1284	225	8.6	222	2165	67	3	0	0	70	32
27		2015	B	11/06 -11/19	30	43	30	39.5	27	183	12	0	0	0	12	44
27		2016	B	9/16 -9/29	225	1380	225	10	221	1938	62	0	0	0	62	28
27		2016	B	11/04 -11/17	30	29	30	51.7	30	304	8	0	0	0	8	27
27		2012	ALS	9/14 -9/27	50	37	50	35.1	40	231	0	0	6	0	6	15
27		2013	ALS	9/13 -9/26	100	35	101	77.1	98	818	0	0	14	0	14	14
27		2014	ALS	9/12 -9/25	100	56	100	60.7	96	604	0	0	14	2	16	17
27		2015	ALS	9/11-9/24	100	66	100	53	94	658	0	0	11	3	14	15
27		2016	ALS	9/16 -9/29	100	43	100	76.7	89	741	0	0	7	2	9	10
28/31/32		2012	AE	9/14 -9/27	5	3	5	66.7	0	0	0	0	0	0	0	-
28/31/32		2013	AE	9/13 -9/26	5	2	5	100	0	0	0	0	0	0	0	-
28/31/32		2014	AE	9/12 -9/25	5	5	5	60	5	23	0	0	0	0	0	0
28/31/32		2015	AE	9/11-9/24	5	4	5	50	5	28	1	0	0	0	1	20
28/31/32		2016	AE	9/09 -9/22	5	9	5	44.4	4	18	1	0	0	0	1	25
CN		2012	ALS	10/12 -10/18	20	0	20	-	14	71	0	0	3	0	3	21
CN		2012	ALS	10/12 -10/18	3	3	3	66.7	3	12	0	0	0	0	0	0
CN		2012	ALS	9/21 -9/30	20	2	20	100	13	100	0	0	0	0	0	0
CN		2012	ALS	9/21 -9/30	3	1	3	100	3	17	0	0	0	0	0	0
CN		2012	ALS	11/09 -11/22	10	0	10	-	8	64	0	0	0	2	2	25
CN		2012	ALS	11/09 -11/22	3	0	3	-	3	16	0	0	0	0	0	0
CN		2013	ALS	9/13 -9/19	20	0	20	-	20	77	0	0	13	0	13	65
CN		2013	ALS	9/13 -9/19	3	0	3	-	3	6	0	0	0	0	0	0
CN		2013	ALS	9/20 -9/29	20	0	20	-	20	135	0	0	0	0	0	0
CN		2013	ALS	9/20 -9/29	3	1	3	100	3	30	0	0	0	0	0	0
CN		2013	ALS	11/08 -11/21	10	0	10	-	0	0	0	0	0	0	0	-
CN		2013	ALS	11/08 -11/21	3	0	3	-	0	0	0	0	0	0	0	-
CN		2014	ALS	9/12 -9/18	5	0	5	-	0	0	0	0	0	0	0	-
CN		2014	ALS	10/03 -10/09	5	4	5	100	5	25	0	0	0	0	0	0
CN		2014	ALS	10/17 -10/23	5	0	5	-	5	35	0	0	0	0	0	0
CN		2014	ALS	10/24 -10/30	5	0	5	-	0	0	0	0	0	0	0	-
CN		2015	ALS	9/11-9/17	7	4	7	100	0	0	0	0	0	0	0	0
CN		2015	ALS	10/02 -10/08	7	1	7	100	7	35	0	0	0	0	0	0
CN		2015	ALS	10/02 -10/08	7	5	7	100	7	39	0	0	4	0	4	57
CN		2015	ALS	10/16 -10/22	7	0	7	-	0	0	0	0	0	0	0	-
CN		2015	ALS	10/23 -10/29	5	0	5	-	5	35	0	0	0	0	0	0
CN		2016	ALS	9/09 -9/15	7	0	7	-	7	47	0	0	0	0	0	0
CN		2016	ALS	9/30 -10/06	9	2	9	50	9	36	0	0	5	0	5	56
CN		2016	ALS	9/30 -10/06	7	1	7	100	7	35	0	0	4	0	4	57
CN		2016	ALS	10/14 -10/20	7	0	7	-	0	0	0	0	0	0	0	-
CN		2016	ALS	10/21 -10/27	5	0	5	-	0	0	0	0	0	0	0	-
CN		2012	AE	9/14 -9/20	17	19	17	78.9	17	60	6	0	6	0	12	71
CN		2012	AE	9/14 -9/20	2	8	2	12.5	0	0	0	0	0	0	0	-
CN		2012	AE	9/21 -9/30	17	18	17	72.2	17	128	3	0	0	0	3	18
CN		2012	AE	9/21 -9/30	2	10	2	10	0	0	0	0	0	0	0	-
CN		2012	AE	11/09 -11/22	8	0	8	-	8	38	0	0	2	0	2	25

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# Elk Harvest Data

Unit	Herd Unit	Year	Hunt Type	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest					Hunt Success
											Bull	Spike	Cow	Calf	Total	
Archery																
CN		2012	AE	11/09 -11/22	2	0	2	-	0	0	0	0	0	0	0	-
CN		2013	AE	9/13 -9/19	17	21	17	57.1	17	83	2	5	2	0	9	53
CN		2013	AE	9/13 -9/19	2	7	2	0	2	14	0	0	0	0	0	0
CN		2013	AE	9/20 -9/29	17	41	17	31.7	17	138	2	2	0	0	4	24
CN		2013	AE	9/20 -9/29	2	13	2	7.7	2	12	0	0	0	0	0	0
CN		2013	AE	11/08 -11/21	8	0	8	-	8	88	0	0	0	0	0	0
CN		2013	AE	11/08 -11/21	2	0	2	-	2	14	0	0	0	0	0	0
CN		2014	AE	9/12 -9/18	5	24	5	20.8	0	0	0	0	0	0	0	-
CN		2014	AE	9/19 -9/25	5	10	5	20	5	13	0	1	1	0	2	40
CN		2014	AE	9/26 -10/02	5	9	5	33.3	5	23	3	1	0	0	4	80
CN		2014	AE	10/10 -10/16	5	5	5	20	5	27	0	0	0	0	0	0
CN		2015	AE	9/11-9/17	7	21	7	28.6	7	25	4	0	0	0	4	57
CN		2015	AE	9/18 -9/24	7	17	7	35.3	7	30	0	0	0	2	2	29
CN		2015	AE	9/18 -9/24	5	17	5	23.5	5	28	0	0	0	0	0	0
CN		2015	AE	9/25 -10/01	5	10	5	40	5	23	0	0	0	2	2	40
CN		2015	AE	10/09 -10/15	10	9	10	88.9	10	56	0	2	0	0	2	20
CN		2016	AE	9/09 -9/15	7	17	7	35.3	7	35	4	2	0	0	6	86
CN		2016	AE	9/16 -9/22	7	15	7	33.3	7	37	5	0	0	0	5	71
CN		2016	AE	9/23 -9/29	5	12	5	25	5	35	0	0	0	0	0	0
CN		2016	AE	9/30 -10/06	5	3	5	66.7	5	35	0	0	0	0	0	0
CN		2016	AE	9/30 -10/06	5	12	5	25	5	10	0	0	0	0	0	0
CN		2016	AE	10/07 -10/13	10	9	10	-	10	55	5	0	0	0	5	50

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# Turkey (*Meleagris gallopavo*)

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## *Natural History*

Arizona has two native subspecies of turkeys, Merriam's and Gould's. The Merriam's race of wild turkey (*M. g. merriami*) is found throughout the western United States, primarily in the ponderosa pine forests of Colorado, New Mexico, and northern Arizona. This turkey has also been transplanted into the pine for-

ests of Utah, Idaho, Washington, Oregon, California, Montana, Wyoming, and South Dakota. The Gould's turkey (*M. g. mexicana*) is only found in Arizona and New Mexico. In Arizona, wild turkeys can be found not only in ponderosa pine forests but also in riparian deciduous forests and other vegetation types at elevations ranging from 3,500 to 10,000 feet. The best populations of Merriam's, however, occur in the ponderosa pine forests north of the Gila River. The Gould's occupy the sky island habitats in southeastern Arizona.

In the spring, 2-year-old and older males weigh about 18 pounds on average, and yearling males or "jakes" weigh about 13 pounds. Hens more than a year old weigh between 8 and 12 pounds, depending partially on the contents of the crop, which may weigh up to a pound. As springtime temperatures warm, the onset of breeding is heralded by the commencement of gobbling. Gobbling may start as early as late February or early March, with a second peak of gobbling occurring in early May with some "toms" continuing to gobble into June. Hens mate once and lay between 8 and 12 eggs that take 28 days to incubate. The young are precocial and move from the nest soon after hatching.

Both hens and poults spend the rest of the summer eating, loafing, and gaining weight. As winter approaches, they begin to form flocks with other family groups. The flocks will usually spend the winter as high up on the mountain as



BOB MILES

snow permits. The gobblers, too, have a defined wintering area in which they will flock together. During the winter, turkeys congregate in the pinyon pine-oak habitats just below the interface with the ponderosa pine forest. Following the snow line, both hen and tom turkey flocks work their way upslope to where gobbling toms attempt to accrue a harem of several hens. After mating, the hens often continue upslope into denser habitats to lay and incubate their eggs. Toms and hens are not usually seen together during the remainder of the year, although they may both frequent similar habitats.

During the summer months, the hens and poults spend much of their time searching for bugs and seeds in small meadows and forest openings. As winter approaches, the turkeys feed increasingly on acorns, pinyon nuts, and other mast crops. Later, with the onset of winter, the birds follow pine stringers downslope to snow-free areas where they feed on the seeds of ponderosa pine, junipers, pinyons, and other plants.

### *Hunt History*

Wild turkeys have been classified as big game since 1913 when the first state legislature established a bag limit of three birds to be taken between October 1 and December 15. Turkey populations appeared to hold up fairly well, at least in northern Arizona, as the season was still a month long and the bag limit was only reduced to two in the new "game code" of 1929. After World War II, however, hunt pressure gradually in-



**Arizona's turkey distribution**

creased, and hunt regulations became more stringent. Fall hunting was the only turkey hunting allowed, and by 1950 a hunter had to draw a permit to even hunt turkeys. Annual harvests ranged from a few hundred birds to more than 1,300. Turkey populations were fairly robust in the early 1960s, and the permit requirement was dropped in 1963; tag sales jumped from 8,050 in 1962 to 17,479 in 1963, but the turkey harvest only increased from 1,363 to 1,462. The first spring gobbler hunt was authorized in 1965 (100 permits), and by 1969 the annual turkey harvest had climbed to 2,480 birds, with another 138 turkeys taken earlier that spring. That number remains an annual high.

Wild turkey populations have since been in a general decline. Current estimates number the population between 15,000 and 20,000 birds, depending on conditions. Fall hunting is again by permit-only, and in the spring the number of gobblers taken is equal to or greater than the fall harvest.

# Turkey Survey Data

## *Historic Summary of Turkey Survey Data*

Year	Tom	Hen	Poult	Unclassified	Total	Poult/Hen	Percent Young <sup>1</sup>
1960	343	267	544	31	1185	2.0	47
1961	297	260	634	64	1255	2.4	53
1962	248	293	847	28	1416	2.9	61
1963	273	374	1058	58	1763	2.8	62
1964	191	288	881	42	1402	3.1	65
1965	193	290	905	77	1465	3.1	65
1966	286	311	1034	34	1665	3.3	63
1967	337	413	809	111	1670	2.0	52
1968	299	295	978	188	1760	3.3	62
1969	236	304	1152	30	1722	3.8	68
1970	207	345	667	81	1300	1.9	55
1971	224	369	654	131	1378	1.8	52
1972	205	264	678	75	1222	2.6	59
1973	129	207	641	89	1066	3.1	66
1974	155	193	729	73	1150	3.8	68
1975	125	368	1406	351	2250	3.8	74
1976	98	262	1138	121	1619	4.3	76
1977	87	299	1391	74	1851	4.7	78
1978	179	307	1190	91	1767	3.9	71
1979	100	129	421	24	674	3.3	65
1980	42	111	401	81	635	3.6	72
1981	82	120	626	158	986	5.2	76
1982	105	157	586	17	865	3.7	69
1983	64	153	517	0	734	3.4	70
1984	156	202	664	159	1181	3.3	65
1985	88	332	1033	125	1578	3.1	71
1986	136	300	926	62	1424	3.1	68
1987	137	251	735	141	1264	2.9	65
1988	63	225	610	172	1070	2.7	68
1989	183	332	704	84	1303	2.1	58
1990	121	210	527	109	967	2.5	61
1991	117	176	389	162	844	2.2	57
1992	170	219	707	113	1209	3.2	65
1993	295	495	1148	120	2058	2.3	59
1994	251	381	559	24	1215	1.5	47
1995	130	306	527	12	975	1.7	55
1996	68	289	292	16	665	1.0	45
1997	37	270	708	15	1030	2.6	70
1998	122	228	497	4	851	2.2	59
1999	103	212	567	32	914	2.7	64
2000	144	198	303	50	695	1.5	47
2001	62	237	520	88	907	2.2	63
2002	86	44	25	85	240	0.6	16
2003	105	373	1156	50	1684	3.1	71
2004	124	144	202	37	507	1.4	43
2005	183	360	783	46	1372	2.2	59
2006	77	217	361	38	693	1.7	55
2007	102	192	298	25	617	1.6	50
2008	139	282	334	18	772	1.2	44
2009	149	327	733	28	1237	2.2	61
2010	126	179	358	14	677	2.0	54
2011	66	236	304	51	657	1.3	50
2012	56	195	544	15	810	2.8	68
2013	88	160	355	14	617	2.2	59
2014	59	122	208	12	401	1.7	53
2015	81	176	261	27	545	1.5	50
2016	44	199	375	26	644	1.9	61

<sup>1</sup> Percent young is calculated from classified birds only.

# Turkey Survey Data

## 5-Year: 2012-2016 Turkey Survey Data

Unit	Year	Tom	Hen	Poult	Unclassified	Total	Poult/Hen	Percent Young <sup>1</sup>
1	2012	14	64	164	1	243	2.6	68
1	2013	21	72	171	0	264	2.4	65
1	2014	33	49	59	6	147	1.2	42
1	2015	52	85	121	27	285	1.4	47
1	2016	16	52	193	7	268	3.7	74
3B	2012	12	0	0	0	12	-	0
3B	2013	17	0	0	0	17	-	0
3B	2014	0	1	3	0	4	3.0	75
3B	2015	0	4	11	0	15	2.8	73
3B	2016	11	13	0	0	24	.0	0
3C	2012	10	4	10	14	38	2.5	42
3C	2013	7	2	3	0	12	1.5	25
3C	2015	0	15	15	0	30	1.0	50
4A	2012	6	0	0	0	6	-	0
4	2013	3	31	38	0	72	1.2	53
4	2014	14	11	6	0	31	.6	19
4	2015	3	20	21	0	44	1.1	48
4	2016	0	19	0	0	19	.0	0
5A	2012	0	11	33	0	44	3.0	75
5A	2013	15	8	16	0	39	2.0	41
5A	2014	6	7	12	5	30	1.7	48
5A	2015	0	8	11	0	19	1.4	58
5A	2016	12	25	13	0	50	.5	26
5B	2015	0	3	9	0	12	3.0	75
5BS	2012	0	8	18	0	26	2.3	69
6A	2012	0	11	32	0	43	2.9	74
6A	2014	0	3	7	0	10	2.3	70
6A	2015	0	12	28	0	40	2.3	70
6A	2016	0	6	0	0	6	.0	0
B	2015	10	0	0	0	10	-	0
B	2016	0	6	13	19	38	2.2	68
7	2013	0	2	8	0	10	4.0	80
12A	2012	2	19	96	0	117	5.1	82
12A	2013	7	21	99	0	127	4.7	78
12A	2014	2	21	71	0	94	3.4	76
12A	2015	5	8	15	0	28	1.9	54
12A	2016	5	42	141	0	188	3.4	75
12AW	2012	2	0	0	0	2	-	0
21	2013	7	17	0	14	38	.0	0
21	2014	4	4	0	1	9	.0	0
27	2012	10	78	191	0	279	2.5	68
27	2013	11	7	20	0	38	2.9	53
27	2014	0	26	50	0	76	1.9	66
27	2015	11	21	30	0	62	1.4	48
27	2016	0	36	15	0	51	.4	29
29	2015	77	13	0	0	90	.0	0
31	2015	12	38	0	0	50	.0	0
32	2015	28	63	0	0	91	.0	0
33	2015	15	9	0	0	24	.0	0
34A	2015	19	40	0	0	59	.0	0

<sup>1</sup> Percent young is calculated from classified birds only.

## Turkey Hunt Data

### *Historic Summary of General Spring Turkey Hunts (Youth-only listed separately)*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1965	100	–	–	79	134	30	38.0
1966	500	–	–	417	716	58	13.9
1967	1100	–	–	878	–	151	17.2
1968	1600	–	–	1096	2440	98	8.9
1969	2200	–	–	1673	3719	138	8.2
1970	2600	–	–	1935	4579	215	11.1
1971	2650	–	–	2021	4702	260	12.9
1972	2800	–	–	1941	4674	153	7.9
1973	2550	–	–	1225	2705	71	5.8
1974	2550	–	2550	1747	4145	151	8.6
1975	3450	–	3450	2284	5582	205	9.0
1976	4001	–	4001	1869	4642	220	11.8
1977	4600	–	4600	2679	6848	326	12.2
1978	4865	–	4865	2952	7568	399	13.5
1979	4970	6275	3397	2853	7516	317	11.1
1980	4950	7894	4594	2692	7225	234	8.7
1981	4900	9143	4654	2542	8100	399	15.7
1982	4960	9444	4821	2648	8366	390	14.7
1983	4960	5106	4415	3073	10270	473	15.4
1984	4620	4725	4107	3455	11511	780	22.6
1985	4620	5863	4409	3382	11649	688	20.3
1986	4620	6663	4548	3581	12421	746	20.8
1987	4915	7132	4834	3734	13474	830	22.2
1988	4710	8216	4688	3736	13089	697	18.7
1989	4660	8171	4562	3691	12998	619	16.8
1990	4595	8553	4577	3684	13457	727	19.7
1991	4595	8044	4976	3994	15731	617	15.4
1992	4725	6413	4701	3757	14563	723	19.2
1993	4735	7260	4732	3820	15006	771	20.2
1994	4805	7730	4793	3795	14543	768	20.2
1995	4840	8591	4822	3806	14038	769	20.2
1996	5020	9258	5007	3820	13826	631	16.5
1997	5115	9312	5115	4021	15179	660	16.4
1998	4719	9460	4724	3722	13503	671	18.0
1999	4501	10260	4476	3497	12637	730	21
2000	4840	11120	4840	3833	13474	916	24
2001	5251	12815	5251	4232	15258	987	23
2002	5471	12643	5470	4301	16420	760	18
2003	5096	13819	5183	4234	16633	878	21
2004	5157	16020	5158	4055	15880	788	19
2005	5307	16355	5375	4264	16119	1155	27
2006	5593	14945	5599	4548	17705	1129	25
2007	6263	13583	6269	5092	19543	1269	25
2008	7007	13281	7001	5660	22725	1040	18
2009	7289	11885	7284	6108	25429	1110	18
2010	7130	11715	7125	5595	23584	999	18
2011	7273	13160	7266	5731	23411	813	14
2012	4974	9846	4967	3772	15335	617	16
2013	4723	10417	4720	3678	14886	692	19
2014	4959	10745	4955	3889	15519	698	18
2015	4843	12882	4843	3858	14976	961	25
2016	5043	12027	5574	4358	17467	837	19

<sup>1</sup>In 1997, the General season became a Shotgun-Shooting Shot season.

### *Historic Summary of Youth-only Spring Turkey Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1999	175	120	163	150	666	30	20
2000	175	202	175	155	603	34	22
2001	180	307	180	156	523	30	19
2002	180	254	177	137	486	27	20
2003	150	290	153	125	443	23	18
2004	150	341	150	119	373	23	19

## Turkey Hunt Data

### *Historic Summary of Youth-only Spring Turkey Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2005	150	327	153	122	450	24	20
2006	165	461	165	143	493	51	36
2007	225	563	225	202	636	105	52
2008	350	582	350	295	1094	82	28
2009	OTC	-	-	1574	4612	324	21
2010	OTC	-	-	1316	4477	222	17
2011	425	198	374	294	984	33	11
2011	OTC	-	-	885	2467	146	16
2012	460	340	460	344	1083	77	22
2012	OTC	-	-	351	1188	12	3
2013	460	453	460	390	1204	91	23
2013	OTC	-	-	438	1244	100	23
2014	360	293	360	290	844	47	16
2014	OTC	-	-	313	867	79	25
2015	310	338	310	258	785	56	22
2016	295	259	316	246	760	40	16

### *Historic Summary of General Fall Turkey Hunts (Youth-only listed separately)*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1946	9747	-	-	5406	-	526	9.7
1947	2147	-	-	1465	-	296	20.2
1948	2697	-	-	1990	-	403	20.3
1949	1243	-	-	945	-	307	32.5
1950	1657	-	-	1377	-	365	26.5
1951	3305	-	-	2780	-	549	19.7
1952	3454	-	-	2961	-	782	26.4
1953	4672	-	-	4096	-	1216	29.7
1954	5134	-	-	4448	-	971	21.8
1955	3012	-	-	2760	-	887	32.1
1956	4800	-	-	4218	-	1367	32.4
1957	2600	-	-	2138	-	647	30.3
1958	2800	-	-	2340	4308	569	24.3
1959	5700	-	-	4341	-	1050	24.2
1960	8150	-	-	6607	12058	1262	19.1
1961	-	-	-	7374	18216	1218	16.5
1962	-	-	-	9296	21543	1308	14.1
1963	-	-	17479	15847	35711	1434	9.0
1964	-	-	14803	13733	33614	1655	12.1
1965	-	-	15470	14367	34846	2001	13.9
1966	-	-	15681	14381	34353	1762	12.3
1967	-	-	17388	14626	37391	1601	10.9
1968	-	-	16782	15063	38754	1518	10.1
1969	-	-	18330	14768	37735	2392	16.2
1970	-	-	19222	15673	43147	2002	12.8
1971	-	-	17002	13176	34196	1200	9.1
1972	-	-	-	9584	26422	794	8.3
1973	-	-	-	13142	36597	2050	15.6
1974	-	-	-	12262	36634	1040	8.5
1975	-	-	-	9542	27676	1464	15.3
1976	-	-	-	8208	24754	508	6.2
1977	-	-	-	8652	28320	997	11.5
1978	-	-	-	9119	25395	1427	15.6
1979	-	-	-	8775	28646	856	9.8
1980	-	-	-	12578	34546	1192	9.5
1981	-	-	-	10640	36027	1390	13.1
1982	-	-	-	9923	34692	1496	15.1
1983	-	-	-	9286	31185	893	9.6
1984	-	-	7737	9302	30146	1236	13.3
1985	-	-	8271	9975	32701	1125	11.3
1986	-	-	7510	8740	29245	941	10.8

<sup>1</sup> Archery data are included in hunters, hunter days, and harvest from 1969-1990.

<sup>2</sup> In 2008, the General season became a Shotgun-Shooting Shot season.

## Turkey Hunt Data

### *Historic Summary of General Fall Turkey Hunts (Youth-only listed separately) continued*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1987	–	–	8914	10912	37068	1935	17.7
1988	–	–	8259	10425	32224	1459	14.0
1989	–	–	9289	11156	32410	1927	17.3
1990	–	–	7836	9609	29003	982	10.2
1991	9280	3951	6332	5076	14330	955	18.8
1992	8730	5497	6731	5310	14563	1008	19.0
1993	8740	6123	7822	6310	17505	1048	16.6
1994	6965	6850	6921	5435	15051	1009	18.6
1995	6245	7322	6237	4857	13447	1034	21.3
1996	5350	7721	5350	4188	12203	486	11.6
1997	4050	7766	4050	3080	8492	511	16.6
1998	3700	7226	3700	2775	7648	508	18
1999	4160	8972	4160	3283	8935	872	27
2000	4760	9417	4760	3689	10660	793	21
2001	4635	9451	4635	3623	9723	1213	33
2002	5085	12240	5085	3933	11904	407	10
2003	4260	12774	4260	3199	8955	875	27
2004	4785	14455	4785	3676	11390	539	15
2005	4830	11563	4832	3811	10720	1117	29
2006	5310	14910	5302	3970	11224	640	16
2007	5870	9922	5868	4664	14317	1087	23
2008 <sup>2</sup>	6100	7820	5883	4659	14096	902	19
2009	6120	6649	5860	4667	13759	1653	35
2010	6820	6172	6374	5009	15748	676	13
2011	5320	5388	4822	3734	11525	620	17
2012	5300	5561	4836	3781	11599	889	24
2013	5300	6265	4967	4104	12328	1007	25
2014	5475	6237	4973	3838	12866	511	13
2015	5050	6203	4753	3630	10995	841	23
2016	5050	6215	4756	3586	14351	583	16

<sup>1</sup> Archery data are included in hunters, hunter days, and harvest from 1969-1990.

<sup>2</sup> In 2008, the General season became a Shotgun-Shooting Shot season.

### *Historic Summary of Youth-only Fall Turkey Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1998	100	59	89	76	197	8	11
1999	100	105	100	86	236	21	24
2000	100	169	100	81	218	13	16
2001	125	164	125	96	264	33	34
2002	125	241	125	91	282	6	7
2003	125	240	125	103	231	18	17
2004	100	250	100	72	196	4	6
2005	100	137	100	71	191	16	23
2006	150	246	148	100	262	19	19
2007	150	179	150	114	304	12	11
2008	OTC	–	336	317	929	37	12
2009 to 2016	OTC	No Survey					

OTC = Over the counter nonpermit-tags.

### *Historic Summary of Archery Fall Turkey Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1991	–	–	1289	1072	4331	20	1.9
1992	–	–	1337	1245	4692	19	1.5
1993	–	–	1760	1465	6804	55	3.8
1994	–	–	1808	1533	7258	59	3.8
1995	–	–	1784	1426	7011	26	1.8
1996	–	–	1939	1479	7684	37	2.5
1997	–	–	1891	1390	7194	44	3.2
1998	–	–	2133	1739	8435	96	5.6
1999	–	–	2523	2082	10913	103	4.5

## Turkey Hunt Data

### *Historic Summary of Archery Fall Turkey Hunts (continued)*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2000	-	-	3084	2539	13320	120	4.7
2001	-	-	3115	2722	13838	190	7.0
2002	-	-	3117	2583	12627	138	5.3
2003	-	-	2914	2485	12507	71	2.9
2004	-	-	3223	2630	12890	160	6.1
2005	-	-	3450	2586	12725	174	6.7
2006	-	-	3941	2820	13818	140	5.0
2007	-	-	4660	2719	14036	221	8.1
2008	-	-	3844	2151	10468	103	4.8
2009	-	-	3559	1073	5405	81	7.5
2010	-	-	3381	1711	8058	113	6.6
2011	-	-	3242	1878	9655	111	6
2012	-	-	3432	2463	12249	148	6
2013	-	-	3827	2508	14061	133	5
2014	-	-	3464	1524	8375	52	3
2015	data unavailable						
2016			2764	1483	9003	90	6

## Turkey Harvest Data

### *5-Year: 2012-2016 Harvest*

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
1	2012	4/27- 5/03	200	1099	200	17.7	164	632	49	30
1	2012	5/04- 5/24	200	137	200	43.8	159	629	31	19
1	2013	4/26- 5/02	200	1293	200	14.3	159	554	53	33
1	2013	5/03- 5/23	200	157	200	35.7	157	543	36	23
1	2014	4/25-5/01	300	1496	300	18.5	252	933	67	27
1	2014	5/02- 5/22	250	147	250	38.1	196	818	41	21
1	2015	4/24- 5/21	300	1777	300	16.0	251	806	101	40
1	2015	5/01- 5/21	250	183	250	25.1	198	765	45	23
1	2016	4/22 - 5/19	325	1606	397	18.4	349	1363	104	30
1	2016	4/29 - 5/19	275	242	284	40.5	207	700	45	22
3B	2012	4/27-5/03	220	125	34.1	99	410	15	15	15
3B	2012	4/29- 5/19	125	28	125	100.0	99	452	5	5
3B	2013	4/27- 5/03	125	220	125	34.1	99	410	15	15
3B	2013	5/04- 5/24	100	33	100	93.9	71	276	7	10
3B	2014	4/26- 5/02	125	235	125	39.1	101	471	12	12
3B	2014	5/03- 5/23	100	17	100	94.1	75	359	3	4
3B	2015	4/25- 5/01	125	223	125	40.8	94	418	28	30
3B	2015	5/02- 5/22	100	38	100	89.5	73	284	16	22
3B	2016	4/22 - 5/19	125	207	131	31.9	108	402	23	21
3B	2016	4/29 - 5/19	100	36	101	83.3	77	361	2	3
3C	2012	4/22- 4/28	175	861	175	19.4	156	584	25	16
3C	2012	5/04- 5/24	175	66	175	56.1	151	678	22	15
3C	2013	4/26- 5/02	175	554	175	28.2	144	666	37	26
3C	2013	5/03- 5/23	175	66	175	71.2	144	617	11	8
3C	2014	4/25- 5/01	175	517	175	29.0	146	534	12	8
3C	2014	5/02- 5/22	175	43	175	76.7	145	673	10	7
3C	2015	4/24- 5/21	150	534	150	22.7	132	518	26	20
3C	2015	5/01- 5/21	125	85	125	51.8	99	392	14	14
3C	2016	4/22 - 5/19	150	479	178	27.8	152	730	8	5
3C	2016	4/29 - 5/19	125	102	134	41.2	114	536	5	4
4	2012	4/27- 5/03	175	549	175	28.6	136	537	23	17
4	2012	5/04- 5/24	175	107	175	54.2	124	510	11	9
4	2013	4/26- 5/02	150	568	150	23.8	120	484	18	15
4	2013	5/03- 5/23	150	98	150	43.9	124	566	3	2
4	2014	4/25- 5/01	150	550	150	22.9	116	491	9	8
4	2014	5/02- 5/22	150	63	150	55.6	124	437	8	6
4	2015	4/24- 5/21	125	550	125	21.6	98	388	13	13
4	2015	5/01- 5/21	125	83	125	42.2	100	398	13	13

# Turkey Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
4	2016	4/22 - 5/19	100	500	121	18.2	84	239	23	27
4	2016	4/29 - 5/19	100	96	104	34.4	80	371	9	11
5A	2012	4/27- 5/03	150	466	150	30.7	130	538	5	4
5A	2012	5/04- 5/24	200	133	200	55.6	141	647	5	4
5A	2013	4/26- 5/02	100	465	100	20.0	74	339	17	23
5A	2013	5/03- 5/23	150	102	150	47.1	131	481	3	2
5A	2014	4/25- 5/01	100	431	100	20.2	84	297	5	6
5A	2014	5/02- 5/22	100	82	100	31.7	80	307	9	11
5A	2015	4/24- 5/21	100	527	100	18.6	67	270	12	18
5A	2015	5/01- 5/21	100	83	100	42.2	85	312	21	25
5A	2016	4/22 - 5/19	100	419	127	22.9	102	384	19	19
5A	2016	4/29 - 5/19	100	135	113	30.4	100	442	13	13
5B	2012	4/27- 5/03	100	334	100	28.7	69	290	10	14
5B	2012	5/04- 5/24	100	55	100	60.0	73	341	6	8
5B	2013	4/26- 5/02	100	325	100	27.1	73	298	15	21
5B	2013	5/03- 5/23	100	35	100	77.1	83	353	13	16
5B	2014	4/25- 5/01	100	309	100	28.2	84	339	10	12
5B	2014	5/02- 5/22	100	54	100	77.8	94	578	9	10
5B	2015	4/24- 5/21	75	438	75	15.8	58	170	20	34
5B	2015	5/01- 5/21	75	62	75	40.3	60	241	9	15
5B	2016	4/22 - 5/19	75	356	101	20.5	70	281	13	19
5B	2016	4/29 - 5/19	75	126	84	19.8	60	273	11	18
6A	2012	4/27- 5/03	250	1156	250	21.1	190	723	22	12
6A	2012	5/04- 5/24	250	171	250	46.2	188	742	25	13
6A	2013	4/26- 5/02	250	1280	250	18.4	205	827	24	12
6A	2013	5/03- 5/23	250	200	250	31.5	183	677	14	8
6A	2014	4/25- 5/01	250	1161	250	20.6	201	763	13	6
6A	2014	5/02- 5/22	250	199	250	40.7	210	898	19	9
6A	2015	4/24- 5/21	225	1318	225	16.0	192	836	31	16
6A	2015	5/01- 5/21	225	221	225	38.0	192	947	33	17
6A	2016	4/22 - 5/19	225	1173	284	18.2	240	908	50	21
6A	2016	4/29 - 5/19	225	260	247	31.9	186	756	12	6
6B	2012	4/27- 5/03	60	191	60	27.7	52	215	11	21
6B	2012	5/04- 5/24	90	20	90	95.0	61	248	2	3
6B	2013	4/26- 5/02	60	210	60	22.4	53	195	4	8
6B	2013	5/03- 5/23	70	25	70	76.0	62	278	2	3
6B	2014	4/25- 5/01	60	267	60	22.1	47	154	17	36
6B	2014	5/02- 5/22	70	31	70	58.1	48	205	5	10
6B	2015	4/24- 5/21	30	270	30	11.1	23	83	7	30
6B	2015	5/01- 5/21	35	18	35	33.3	21	35	7	33
6B	2016	4/22 - 5/19	40	191	54	19.4	48	218	2	4
6B	2016	4/29 - 5/19	45	39	46	15.4	38	153	5	13
7	2012	4/27- 5/03	100	173	100	31.8	77	360	10	13
7	2012	5/04- 5/24	125	30	125	100.0	102	470	8	8
7	2013	4/26- 5/02	100	184	100	32.6	67	194	33	49
7	2013	5/03- 5/23	100	34	100	97.1	85	350	27	32
7	2014	4/25- 5/01	100	274	100	27.0	57	207	4	7
7	2014	5/02- 5/22	100	40	100	50.0	73	482	9	12
7	2015	4/24- 5/21	125	285	125	33.0	105	392	12	11
7	2015	5/01- 5/21	125	27	125	88.9	83	330	14	17
7	2016	4/22 - 5/19	125	201	133	42.8	106	431	12	11
7	2016	4/29 - 5/19	125	49	129	83.7	87	395	8	9
8/10	2012	4/27- 5/03	200	686	200	27.7	156	664	27	17
8/10	2012	5/04- 5/24	100	114	100	29.8	78	282	16	21
8/10	2013	4/26- 5/02	200	649	200	25.9	165	719	42	25
8/10	2013	5/03- 5/23	100	88	100	50.0	83	451	6	7
8/10	2014	4/25- 5/01	200	645	200	29.8	166	663	22	13
8/10	2014	5/02- 5/22	100	79	100	30.4	71	260	13	18
8/10	2015	4/24- 5/21	200	821	200	22.2	159	586	41	26
8/10	2015	5/01- 5/21	100	79	100	43.0	84	405	14	17
8/10	2016	4/22 - 5/19	200	706	231	26.2	202	944	20	10
8/10	2016	4/29 - 5/19	100	146	114	37.0	82	347	7	9

# Turkey Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
9	2012	4/27- 5/03	50	69	50	46.4	40	148	10	25
9	2012	5/04- 5/24	40	5	40	100.0	30	113	2	7
9	2013	4/26- 5/02	50	67	50	56.7	35	162	8	23
9	2013	5/03- 5/23	40	9	40	100.0	24	104	0	0
9	2014	4/25- 5/01	50	46	50	84.8	31	108	8	26
9	2014	5/02-5/22	40	0	40	-	23	169	0	0
9	2015	4/24- 5/21	50	51	50	78.4	33	131	9	27
9	2015	5/01- 5/21	40	11	40	100.0	31	163	0	0
9	2016	4/22 - 5/19	50	47	50	76.6	40	171	10	25
9	2016	4/29 - 5/19	40	7	40	100.0	28	167	0	0
12A	2012	4/27- 5/03	275	153	275	84.3	187	798	27	14
12A	2012	5/04- 5/24	275	36	275	100.0	174	740	20	11
12A	2013	4/26- 5/02	275	162	275	82.1	217	871	49	23
12A	2013	5/03- 5/23	275	35	277	100.0	166	612	39	23
12A	2014	4/25- 5/01	275	243	275	84.4	206	698	62	30
12A	2014	5/02- 5/22	275	42	275	100.0	200	816	42	21
12A	2015	4/24- 5/21	325	305	325	86.9	259	902	68	26
12A	2015	5/01- 5/21	325	62	325	100.0	244	924	69	28
12A	2016	4/22 - 5/19	350	342	363	82.2	277	1102	51	18
12A	2016	4/29 - 5/19	350	84	352	100.0	259	1129	52	20
13A	2012	4/27- 5/03	25	3	25	100.0	11	32	0	0
13A	2012	5/04- 5/24	15	1	15	100.0	0	0	0	-
13A	2013	4/26- 5/02	25	4	25	100.0	17	52	2	12
13A	2013	5/03- 5/23	15	2	15	100.0	8	30	0	0
13A	2014	4/25- 5/01	5	4	5	100.0	2	6	0	0
13A	2014	5/02- 5/22	5	0	5	-	0	0	0	-
13A	2015	4/24- 5/21	5	2	5	100.0	5	2	1	20
13A	2015	5/01- 5/21	5	0	5	-	2	4	0	0
13A	2016	4/22 - 5/19	5	6	5	66.7	3	10	2	67
13A	2016	4/29 - 5/19	5	2	5	100.0	5	5	3	60
13B North	2012	4/27- 5/03	1	32	1	3.1	1	1	1	100
13B North	2012	5/04- 5/24	1	13	1	.0	0	0	0	-
13B North	2013	4/26- 5/02	1	24	1	4.2	1	3	1	100
13B North	2013	5/03- 5/23	1	9	1	11.1	-	-	-	-
13B North	2014	4/25-5/01	1	20	1	5.0	1	1	1	100
13B North	2014	5/02- 5/22	1	7	1	.0	1	4	1	100
13B North	2015	4/24- 5/21	2	30	2	6.7	1	1	1	100
13B North	2015	5/01- 5/21	2	11	2	.0	2	2	2	100
13B North	2016	4/22 - 5/19	2	26	2	7.7	-	-	-	-
13B North	2016	4/22 - 5/19	2	8	2	25.0	2	10	0	0
13B South	2012	4/27- 5/03	20	1	20	100.0	10	23	0	0
13B South	2012	5/04-5/24	15	1	13	100.0	10	36	3	30
13B South	2013	4/26-5/02	20	6	20	100.0	6	9	6	100
13B South	2013	5/03- 5/23	15	2	15	100.0	4	17	2	50
13B South	2014	4/25-5/01	20	12	20	58.3	7	20	4	57
13B South	2014	5/02- 5/22	15	2	15	100.0	7	40	0	0
13B South	2015	4/24- 5/21	20	13	20	69.2	13	40	5	38
13B South	2015	5/01- 5/21	15	2	15	100.0	6	24	0	0
13B South	2016	4/22 - 5/19	20	3	20	100.0	11	33	4	36
13B South	2016	4/29 - 5/19	15	0	15	-	5	20	0	0
17/18B	2012	4/27- 5/03	10	41	10	24.4	7	80	0	0
17/18B	2012	5/04- 5/24	10	12	10	33.3	10	35	2	20
17/18B	2013	4/26- 5/02	10	42	10	21.4	10	44	0	0
17/18B	2013	5/03- 5/23	10	1	10	100.0	7	30	0	0
17/18B	2014	4/25- 5/01	10	37	10	21.6	10	33	2	20
17/18B	2014	5/02- 5/22	10	9	10	33.3	5	18	0	0
17/18B	2015	4/24- 5/21	5	42	5	11.9	3	3	0	0
17/18B	2015	5/01- 5/21	5	4	5	.0	-	-	-	-
17/18B	2016	4/22 - 5/19	5	34	5	14.7	0	0	0	-
17/18B	2016	4/29 - 5/19	5	2	5	50.0	0	0	0	-
19A	2015	4/24-5/21	5	79	5	6.3	0	0	0	-
19A	2015	5/01- 5/21	5	7	5	.0	5	15	5	100

# Turkey Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
19A	2015	4/24 - 5/21	5	79	5	6.3	0	0	0	-
19A	2015	5/01 - 5/21	5	7	5	0.0	5	15	5	100
19A	2016	4/22 - 5/19	4	56	9	7.1	7	18	2	29
19A	2016	4/29 - 5/19	4	11	4	18.2	4	6	4	100
20A	2012	4/27-5/03	10	78	10	10.3	10	40	6	60
20A	2012	5/04- 5/24	10	22	10	18.2	10	49	0	0
20A	2013	4/26- 5/02	10	133	10	7.5	-	-	-	-
20A	2013	5/03- 5/23	10	14	10	.0	7	23	3	43
20A	2014	4/25- 5/01	10	109	10	9.2	7	17	3	43
20A	2014	5/02- 5/22	10	16	10	25.0	10	44	4	40
20A	2015	4/24- 5/21	10	136	10	7.4	10	27	10	100
20A	2015	5/01- 5/21	10	8	10	.0	10	46	6	60
20A	2016	4/22 - 5/19	10	129	14	7.0	13	47	8	62
20A	2016	4/29 - 5/19	10	35	10	14.3	10	24	6	60
21	2014	4/25- 5/01	2	44	2	4.5	2	3	2	100
21	2014	5/02- 5/22	2	7	2	.0	-	-	-	-
21	2014	5/02- 5/22	10	16	10	25.0	10	44	4	40
21	2015	4/24- 5/21	10	136	10	7.4	10	27	10	100
21	2016	4/22 - 5/19	2	33	7	6.1	3	6	1	33
21	2016	4/22 - 5/19	2	7	2	0.0	2	4	0	0
22	2012	4/27- 5/03	130	249	130	40.2	101	461	7	7
22	2012	5/04- 5/24	130	45	130	91.1	88	390	4	5
22	2013	4/26-5/02	100	238	100	35.7	83	300	3	4
22	2013	5/03- 5/23	100	34	100	52.9	64	297	6	9
22	2014	4/25- 5/01	100	216	100	38.9	83	303	14	17
22	2014	5/02- 5/22	100	46	100	80.4	77	268	0	0
22	2015	4/24- 5/21	80	267	80	25.8	46	166	3	7
22	2015	5/01- 5/21	80	33	80	51.5	53	267	3	6
22	2016	4/22 - 5/19	80	182	85	39.0	61	234	8	13
22	2016	4/29 - 5/19	80	39	80	64.1	57	286	3	5
23	2012	4/27- 5/03	225	1028	225	21.0	176	642	35	20
23	2012	5/04- 5/24	225	106	225	44.3	173	675	28	16
23	2013	4/26- 5/02	225	900	225	23.3	193	806	29	15
23	2013	5/03- 5/23	225	106	225	39.6	165	702	22	13
23	2014	4/25- 5/01	225	978	225	22.1	176	585	32	18
23	2014	5/02- 5/22	225	114	225	45.6	185	727	17	9
23	2015	4/24- 5/21	225	1250	225	17.0	170	698	28	16
23	2015	5/01- 5/21	225	126	225	47.6	194	806	25	13
23	2016	4/22 - 5/19	225	1065	283	20.2	223	904	25	11
23	2016	4/29 - 5/19	225	227	229	39.2	159	575	18	11
24A	2012	4/27- 5/03	2	19	2	10.5	1	7	0	0
24A	2012	5/04- 5/24	2	0	2	-	2	2	2	100
24A	2013	4/26- 5/02	2	16	2	12.5	2	6	2	100
24A	2013	5/03- 5/23	2	0	2	-	2	19	1	50
24A	2014	4/25- 5/01	2	29	2	6.9	2	18	0	0
24A	2014	5/02- 5/22	2	1	2	100.0	0	0	0	-
24A	2015	5/01-5/21	2	4	2	25.0	-	-	-	-
24A	2015	5/01- 5/21	2	4	2	25.0	-	-	-	-
24A	2016	4/22 - 5/19	2	29	3	6.9	3	8	3	100
24A	2016	4/29 - 5/19	2	1	2	0.0	-	-	-	-
27	2012	4/27- 5/03	200	502	200	31.1	168	546	70	42
27	2012	5/04- 5/24	200	87	200	56.3	149	522	47	32
27	2013	4/26- 5/02	200	761	200	20.9	163	611	63	39
27	2013	5/03- 5/23	200	68	200	51.5	168	632	49	29
27	2014	4/25-5/01	300	728	300	28.0	242	892	83	34
27	2014	5/02- 5/22	250	90	250	64.4	190	810	52	27
27	2015	4/24-5/21	325	942	325	24.0	270	939	114	42
27	2015	5/01- 5/21	275	108	275	55.6	231	879	80	35
27	2016	4/22 - 5/19	400	914	455	33.9	381	1453	123	32
27	2016	4/29 - 5/19	325	153	331	68.6	244	803	69	28
29/30A	2012	4/27- 5/03	2	82	2	2.4	2	4	2	100
29/30A	2012	5/04- 5/24	2	19	2	.0	2	6	2	100

# Turkey Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
29/30A	2013	4/26 - 5/02	5	191	5	2.6	5	10	5	100
29/30A	2013	5/03 - 5/23	5	43	5	7.0	5	10	5	100
29/30A	2014	4/25 - 5/01	6	162	6	3.7	6	23	6	100
29/30A	2014	5/02 - 5/22	6	36	6	2.8	6	21	6	100
29/30A	2015	4/24 - 5/21	7	195	7	3.6	7	23	7	100
29/30A	2015	5/01 - 5/21	7	45	7	.0	7	8	7	100
29/30A	2016	4/22 - 5/19	7	255	7	2.4	7	26	4	57
29/30A	2016	4/29 - 5/19	7	41	7	0.0	7	11	7	100
31	2012	4/27 - 5/03	3	121	3	2.5	3	6	2	67
31	2012	5/04 - 5/24	3	24	3	4.2	3	15	2	67
31	2013	4/26 - 5/02	3	77	3	3.9	3	15	0	0
31	2013	5/03 - 5/23	3	20	3	15.0	3	14	3	100
31	2014	4/25 - 5/01	3	74	3	2.7	3	5	3	100
31	2014	5/02 - 5/22	3	16	3	6.3	3	12	2	67
31	2015	4/24 - 5/21	3	142	3	2.1	3	3	3	100
31	2015	5/01 - 5/21	3	22	3	9.1	3	12	3	100
31	2016	4/22 - 5/19	3	93	3	3.2	3	3	3	100
31	2016	4/29 - 5/19	3	18	3	11.1	3	5	3	100
32	2015	4/24 - 5/21	1	21	1	0.0	1	2	1	100
32	2016	4/22 - 5/19	1	24	1	4.2	1	1	1	100
33	2012	4/27 - 5/03	3	163	3	1.8	2	7	2	100
33	2012	5/04 - 5/24	3	56	3	0.0	3	6	1	33
33	2013	4/26 - 5/02	3	217	3	1.4	3	6	3	100
33	2013	5/03 - 5/23	3	44	3	2.3	3	5	3	100
33	2014	4/25 - 5/01	3	239	3	.8	3	8	3	100
33	2014	5/02 - 5/22	3	30	3	3.3	3	8	2	67
33 North	2015	5/01 - 5/21	5	271	5	1.5	5	10	5	100
33 North	2015	4/24 - 5/21	5	63	5	1.6	5	5	5	100
33 North	2016	4/22 - 5/19	5	198	6	2.5	6	15	5	83
33 North	2016	4/29 - 5/19	5	56	6	1.8	6	8	3	50
33 South	2015	5/01 - 5/21	1	33	1	3.0	-	-	-	-
34A	2012	4/27 - 5/03	1	32	1	3.1	1	1	1	100
34A	2012	5/04 - 5/24	1	14	1	7.1	1	2	1	100
34A	2013	4/26 - 5/02	1	60	1	1.7	1	1	0	0
34A	2013	5/03 - 5/23	1	15	1	0.0	1	3	1	100
34A	2014	4/25 - 5/01	1	48	1	2.1	1	5	0	0
34A	2014	5/02 - 5/22	1	17	1	5.9	1	1	1	100
34A	2015	4/24 - 5/21	1	53	1	1-9	-	-	-	-
34A	2015	5/01 - 5/21	1	19	1	0.0	1	4	1	100
34A	2016	4/22 - 5/19	1	66	1	0.0	1	3	1	100
34A	2016	4/29 - 5/19	1	16	1	6.3	1	1	1	100
35A	2012	4/27 - 5/03	5	344	5	0.9	5	10	5	100
35A	2012	5/04 - 5/24	5	66	5	6.1	5	14	5	100
35A	2013	4/26 - 5/02	5	408	5	1.0	5	10	5	100
35A	2013	5/03 - 5/23	5	78	5	1.3	5	25	4	80
35A	2014	4/25 - 5/01	8	468	8	1.7	8	22	6	75
35A	2014	5/02 - 5/22	8	77	8	5.2	8	24	7	88
35A	2015	4/24 - 5/21	11	519	11	2.1	11	18	11	100
35A	2015	5/01 - 5/21	11	89	11	4.5	11	53	9	82
35A	2015	4/24 - 5/21	3	37	3	8.1	3	27	1	33
35A	2016	4/22 - 5/19	11	513	11	2.1	11	35	11	100
35A	2016	4/29 - 5/19	11	103	11	2.9	9	20	9	100
35A	2016	4/22 - 5/19	3	26	3	11.5	2	6	0	0
35B	2014	4/25 - 5/01	2	56	2	3.6	2	8	2	100
35B	2014	5/02 - 5/22	2	19	2	10.5	2	10	2	100
35B	2015	4/24 - 5/21	3	61	3	4.9	3	6	2	67
35B	2015	4/24 - 5/21	3	25	3	0.0	3	4	2	67
35B	2016	4/22 - 5/19	3	69	4	1.4	4	24	4	100
35B	2016	4/29 - 5/19	3	25	3	4.0	3	7	2	67
CN	2012	4/27 - 5/24	15	3	10	100.0	5	23	2	40
CN	2012	4/27 - 5/24	6	9	6	66.7	6	29	2	33
CN	2013	4/26 - 5/23	15	0	9	-	5	14	0	0

CN= Camp Navajo

# Turkey Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
CN	2013	4/26 - 5/23	6	5	6	100.0	6	12	2	33
CN	2014	4/25 - 5/22	15	6	10	100.0	8	30	0	0
CN	2014	4/25 - 5/22	6	8	6	75.0	4	18	2	50
CN	2015	4/24 - 5/21	8	5	8	100.0	8	16	3	38
CN	2015	4/24 - 5/21	2	2	2	100.0	2	4	0	0
CN	2015	4/24 - 5/21	2	0	2	-	2	8	0	0
CN	2015	4/24 - 5/21	4	3	4	-	-	-	-	-
CN	2016	4/22 - 5/19	8	7	8	100.0	5	53	0	0
CN	2016	4/22 - 5/19	2	0	0	-	-	-	-	-
CN	2016	4/22 - 5/19	2	1	2	-	-	-	-	-
CN	2016	4/22 - 5/19	2	0	0	-	-	-	-	-
CN	2016	4/22 - 5/19	2	0	2	-	-	-	-	-
CN	2016	4/22 - 5/19	4	0	0	-	-	-	-	-
CN	2016	4/22 - 5/19	4	5	4	-	-	-	-	-
FTHU	2012	5/04 - 5/24	2	7	2	28.6	2	9	0	0
FTHU	2013	4/26 - 5/23	2	41	3	7.3	3	9	3	100
FTHU	2014	4/25 - 5/22	2	40	3	7.5	3	3	3	100
<b>SPRING YOUTH-ONLY (OTC= tags issued over-the-counter)</b>										
1/27	2012	4/20- 4/26	100	123	100	80.5	86	281	22	26
1/27	2013	4/19- 4/25	100	198	100	49.0	91	270	57	63
3C	2012	4/20- 4/26	125	54	125	94.4	83	295	16	19
3C	2013	4/19- 4/25	125	57	125	100.0	120	418	16	13
3C	2014	4/18- 4/24	125	72	125	100.0	94	292	10	11
3C	2015	4/17- 5/21	75	76	75	94.7	53	146	9	17
6A	2011	4/15- 4/21	175	50	147	80.0	105	366	3	3
6A	2012	4/20- 4/26	110	69	110	92.8	85	272	19	22
6A	2013	4/19- 4/25	110	93	110	96.8	87	270	10	11
6A	2014	4/18- 4/24	110	94	110	100.0	94	279	11	12
6A	2015	4/17- 5/21	110	130	110	82.3	88	288	14	16
23	2012	4/20- 4/26	125	94	125	95.7	90	235	20	22
23	2013	4/19- 4/25	125	105	125	96.2	92	246	8	9
23	2014	4/18- 4/24	125	127	125	96.1	102	273	26	25
23	2015	4/17- 5/21	125	132	125	89.4	117	351	33	28
<b>FALL (SHOTGUN-SHOOTING SHOT SEASON)</b>										
1	2012	10/05-10/11	200	561	200	35.7	152	429	58	38
1	2013	10/04-10/10	200	779	200	25.7	167	493	64	38
1	2015	10/02-10/08	300	827	300	36.2	229	693	65	28
1	2016	9/30-10/06	350	843	350	41.2	280	901	92	33
3C	2012	10/05-10/11	125	286	125	38.5	99	261	49	49
3C	2013	10/04-10/10	150	406	150	30.3	129	402	31	24
3C	2015	10/02-10/08	125	398	125	31.2	93	289	24	26
3C	2016	9/30-10/06	125	382	125	32.7	103	305	35	34
4	2012	10/05-10/11	500	515	500	73.8	411	1381	91	22
4	2013	10/04-10/10	500	530	500	76.2	425	1328	78	18
4	2015	10/02-10/08	400	507	400	66.5	304	1026	48	16
4	2016	9/30-10/06	400	485	400	67.6	293	1044	34	12
5A	2013	10/05-10/11	350	329	350	85.7	273	895	39	7
5A	2014	10/04-10/10	350	344	350	80.2	285	921	34	13
5A	2015	10/02-10/08	250	366	250	65.3	208	581	18	9
5A	2016	9/30-10/06	200	292	200	67.5	145	457	13	9
5B South	2012	10/05-10/11	150	203	150	58.6	109	298	36	33
5B South	2013	10/04-10/10	150	234	150	62.0	138	396	26	19
5B South	2015	10/02-10/08	200	271	200	71.6	140	371	27	19
5B South	2016	9/30-10/06	200	329	200	60.5	151	917	39	26
6A	2012	10/05-10/11	525	897	525	57.1	445	1273	82	18
6A	2013	10/04-10/10	525	915	524	56.5	430	1212	88	20
6A	2015	10/02-10/08	575	867	575	64.1	438	1296	57	13
6A	2016	9/30-10/06	575	964	575	58.0	412	2886	28	7
6B	2012	10/05-10/11	300	180	300	98.9	226	694	61	27
6B	2013	10/04-10/10	300	240	300	96.7	257	774	46	18
6B	2015	10/02-10/08	200	198	200	82.3	169	521	12	7
6B	2016	9/30-10/06	200	192	200	85.9	143	838	19	13

## Turkey Harvest Data

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING SHOTGUN-SHOOTING SHOT</b>										
7	2012	10/05-10/11	350	217	350	99.5	269	886	36	13
7	2013	10/04-10/10	350	244	350	99.6	266	823	66	25
7	2015	10/02-10/08	250	237	250	85.2	181	549	22	12
7	2016	9/30-10/06	250	218	250	89.9	206	697	13	6
8/10	2012	10/05-10/11	600	649	600	85.7	462	1463	66	14
8/10	2013	10/04-10/10	600	717	600	77.7	504	1655	74	15
8/10	2015	10/02-10/08	500	617	500	78.9	398	1260	120	30
8/10	2016	9/30-10/06	500	564	500	83.2	399	1360	19	5
9	2012	10/05-10/11	100	110	100	88.2	91	309	11	12
9	2013	10/04-10/10	75	93	75	73.1	65	195	22	34
9	2015	10/02-10/08	75	76	75	88.2	59	166	10	17
9	2016	9/30-10/06	75	106	75	67.0	46	133	0	0
12A	2012	10/05-10/11	1000	275	536	100.0	391	1115	145	37
12A	2013	10/04-10/10	1000	322	668	100.0	511	1331	287	56
12A	2015	10/02-10/08	1000	467	703	100.0	525	1560	202	38
12A	2016	9/30-10/06	1000	458	706	100.0	487	1641	148	30
22	2012	10/05-10/11	200	197	200	82.7	148	393	29	20
22	2013	10/04-10/10	200	223	200	80.7	168	441	14	8
22	2015	10/02-10/08	175	178	175	79.2	125	353	26	21
22	2016	9/30-10/06	175	206	175	78.2	113	361	2	2
23	2012	10/05-10/11	600	777	600	73.0	488	1572	109	22
23	2013	10/04-10/10	600	775	600	71.1	516	1587	97	19
23	2015	10/02-10/08	650	738	650	79.9	498	1513	147	30
23	2016	9/30-10/06	650	783	650	76.1	542	1881	64	12
27	2012	10/05-10/11	300	365	300	64.9	217	630	77	35
27	2013	10/04-10/10	300	443	300	48.5	243	770	80	33
27	2015	10/02-10/08	350	456	350	59.4	263	817	63	24
27	2016	9/30-10/06	350	393	350	64.6	266	930	77	29

### *Fall Archery-only Turkey 2012-2016 (2015 data unavailable)*

Unit	Year	Hunters	Hunter Days	Harvest	Hunt Success
1	2012	226	934	10	4
1	2013	268	1207	21	8
1	2014	241	1083	17	7
1	2016	300	1427	18	6
3B	2012	84	352	10	12
3B	2013	83	464	10	12
3B	2014	77	284	0	0
3B	2016	53	229	0	0
3C	2012	63	247	7	11
3C	2013	41	206	0	0
3C	2014	60	232	9	15
3C	2016	18	88	18	100
4	2012	105	373	0	0
4	2013	196	970	0	0
4	2014	77	507	0	0
4	2016	106	634	18	17
5A	2012	108	537	7	6
5A	2013	62	299	0	0
5A	2014	43	189	0	0
5A	2016	18	88	0	0
5B	2012	101	369	0	0
5B	2013	83	279	0	0
5B	2014	17	52	0	0
5B	2016	88	599	0	0
6	2013	10	52	0	0
6A	2012	411	1753	10	2
6A	2013	588	2538	10	2
6A	2014	249	1006	9	4
6A	2016	335	1744	18	5
6B	2012	66	282	0	0

*Fall Archery-only Turkey 2012-2016 (2015 data unavailable)*

Unit	Year	Hunters	Hunter Days	Harvest	Hunt Success
6B	2013	83	433	0	0
6B	2014	86	464	0	0
6B	2016	18	53	0	0
7	2012	157	787	0	0
7	2013	196	1310	10	5
7	2014	120	619	0	0
7	2016	176	1357	0	0
8	2012	153	659	0	0
8	2013	144	887	0	0
8	2014	60	559	0	0
8	2016	53	229	18	34
9	2012	28	91	0	0
9	2014	17	43	0	0
10	2012	45	206	0	0
10	2013	41	258	10	24
10	2014	9	17	0	0
11M	2012	28	101	0	0
11M	2013	62	330	0	0
11M	2014	77	473	0	0
12A	2012	213	1631	14	7
12A	2013	155	1032	31	20
12A	2014	112	662	0	0
12A	2016	88	705	0	0
17	2012	17	216	0	0
17	2013	10	0	0	0
17	2014	26	129	0	0
20A	2012	164	861	17	10
20A	2013	21	72	0	0
20A	2014	26	138	0	0
20B	2014	9	9	0	0
22	2012	105	352	0	0
22	2013	72	289	10	14
22	2014	43	129	0	0
22	2016	35	106	0	0
23	2012	383	1512	42	11
23	2013	382	1857	10	3
23	2014	215	920	17	8
23	2016	141	775	0	0
27	2012	209	808	31	15
27	2013	309	1578	21	7
27	2014	189	860	0	0
27	2016	176	969	0	0

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# Javelina (*Tayassu tajacu*)

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## *Natural History*

The javelina, or collared peccary, is of tropical origin and only recently arrived in the Southwest. Peccary bones are not found in Arizona archaeological sites, and early settlers made infrequent references to the occurrence of javelina. Perhaps the javelina spread northward as scrub and cactus replaced Arizona's native grasslands. For whatever reason, the range of javelina is still expanding, primarily northwestward. The species occurs in the United States only in Arizona, Texas, and New Mexico, and currently occupies approximately 34 percent of Arizona.

Adult javelina usually weigh between 35 and 60 pounds, the males being slightly heavier than the females. Newborn javelina only weigh about one pound.



BOB WILES

These “piglets” are tan or brown in color with a reddish dorsal stripe. They acquire the salt and pepper appearance of the adults in about three months. The whitish-banded black hairs are up to six inches long, with the hairs on the mane being the darkest and longest. In the winter, when the javelina's coat is dense and dark, a distinct, lighter-colored “collar” is visible. In summer, when the hair is shorter and lighter, this “collar” is less distinct.

Javelina continue to grow until they reach adult height in about 10 months. At this age both sexes are mature. Peccaries breed throughout the year, which, when combined with their early maturity and ability to have two litters per year, gives them the greatest reproductive potential of any North American big-game mammal. The gestation period is 145 days, with most births occurring in June, July, and August. A smaller birth peak occurs in spring, corresponding with Arizona's biseasonal rainfall seasons. Unlike other animals, javelina do not lick their offspring at birth, but roll or tumble their young. The usual litter size is two, and the precocial piglets closely follow their mothers from shortly after birth until they are weaned at about six weeks of age.

Although javelina have lived as long as 24 years in captivity, the average life span in the wild is closer to seven or eight years. Coyotes and golden eagles are effective predators of juvenile javelina, and the adults are preyed upon by mountain lions, bobcats, and bears.

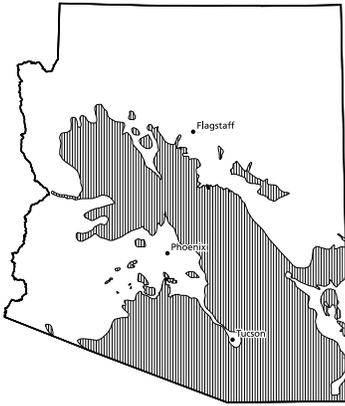
Javelina are opportunistic feeders, eating the flowers, fruits, nuts, and berries of a great variety of plants. Prickly pear cactus makes up the major portion of their diet, however, along with agaves, yucca roots, and other desert succulents.

Javelina are social animals with herd sizes averaging eight to nine animals. Territories are marked by droppings and by an oily secretion produced by the animal's

# Javelina

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scent gland positioned on its back. Any intruding javelina will be met by an aggressive display, which will evolve into a fight unless the interloper withdraws. The size of a herd's territory varies with the productivity of the habitat, but averages about 750 acres.



**Javelina distribution**

## *Hunt History*

Javelina were not legally designated as big game until 1929, when a season from November 1 through January 31 was authorized and a bag limit of one javelina a year was imposed. Hunter

interest gradually increased, particularly among non-residents, and the javelina became an important game animal in Arizona after World War II. By 1950, hunters were purchasing nearly 10,000 javelina tags and taking more than 1,000 animals a year. In 1959, an archery javelina season was initiated, and by 1971 more than 30,000 hunters were harvesting more than 6,000 javelina a year. This pressure was deemed excessive in some game management units, and permit-only firearm hunting was instituted in 1972. To further curtail hunt pressure and better distribute hunters, permit-only HAM (handgun, archery, and muzzleloader) hunts were initiated in 1974, and archery hunting was limited to permit-only hunting in 1992. In 1992, juniors only permits were authorized. Today, general firearms, HAM, archery and juniors-only seasons are offered in most units. In some units, there are permits that go unissued.

# Javelina Survey Data

## Historic Summary of Javelina Survey Data

Year	No. of Herds Observed <sup>1</sup>	Total Javelina Observed	Average Herd Size <sup>1</sup>	Classification			Young/100 Adults
				Adult	Young	Unclassified	
1955	0	511	–	233	74	204	32
1956	0	324	–	201	75	48	37
1957	0	447	–	328	115	4	35
1958	35	346	9.9	258	88	0	34
1959	31	272	8.8	217	55	0	25
1960	87	677	7.8	391	120	166	31
1961	89	700	7.9	392	108	200	28
1962	109	1003	9.2	667	267	69	40
1963	123	1086	8.8	654	296	136	45
1964	114	768	6.7	560	207	1	37
1965	160	1033	6.5	709	219	105	31
1966	159	1197	7.5	703	362	132	51
1967	107	639	6.0	496	86	57	17
1968	123	872	7.1	613	221	38	36
1969	113	932	8.3	609	203	120	33
1970	216	1757	8.1	1266	414	77	33
1971	220	1666	7.6	1063	480	123	45
1972	143	1158	8.1	679	255	224	38
1973	184	1683	9.2	1121	372	190	33
1974	156	1408	9.0	1035	306	67	30
1975	234	1830	7.8	1418	332	80	23
1976	297	2435	8.2	1745	609	81	35
1977	213	1664	7.8	1119	362	183	32
1978	321	3051	9.5	2249	667	135	30
1979	326	3148	9.7	2385	688	75	29
1980	443	3688	8.3	2865	762	61	27
1981	384	3503	9.1	2635	807	61	31
1982	356	3266	9.2	2390	780	96	33
1983	328	3374	10.3	2502	796	76	32
1984	404	4074	10.1	3085	946	43	31
1985	561	5431	9.7	4043	1181	207	29
1986	536	5051	9.4	3903	1127	21	29
1987	719	6230	8.7	4923	1205	102	24
1988	656	5932	9.0	4606	1323	3	29
1989	663	5662	8.5	4645	1017	0	22
1990	559	4887	8.7	3839	1034	14	27
1991	596	5128	8.6	4008	1058	62	26
1992	571	5247	9.2	4142	1060	45	26
1993	591	5016	8.5	3969	1019	28	26
1994	767	6739	8.8	5485	1141	113	21
1995	682	5870	8.6	4763	1106	1	23
1996	674	5427	8.0	4582	817	28	18
1997	579	4684	8.1	3714	967	3	26
1998	538	4725	8.8	3666	1057	2	29
1999	553	4715	8.5	3831	807	77	21
2000	484	3907	8.0	3174	725	8	23
2001	562	4920	8.7	4007	904	9	23
2002	411	3058	7.4	2565	490	3	19
2003	468	3974	8.4	3128	831	15	27
2004	401	3435	8.5	2775	656	4	24
2005	450	3525	7.8	2843	675	7	24
2006	458	3867	8.4	3074	712	81	23
2007	448	3511	7.8	2913	584	14	20
2008	379	3237	8.5	2500	726	11	29
2009	390	3455	8.8	2848	593	14	21
2010	370	3323	8.9	2537	755	31	30
2011	451	4028	8.9	3212	765	51	24
2012	476	3891	8.1	3254	617	20	19
2013	456	3881	8.5	3103	768	10	25
2014	110	1029	9.3	858	169	2	20
2015	84	833	9.9	663	166	4	25
2016	229	2430	10.6	2040	390	0	19

<sup>1</sup> Excluding single animals

Note: The year given represents the beginning of the survey period, which runs from December through March.

Thus, surveys listed for 2010 were conducted from December 2010 through March 2011.

# Javelina Survey Data

## 5-Year: 2012-2016 Javelina Survey Data

Unit	Year	No. of Herds Observed <sup>1</sup>	Total Javelina Observed	Average Herd Size <sup>1</sup>	Classification			Young/100 Adults
					Adult	Young	Unclassified	
4	2013	4	21	5.3	15	6	0	40
4	2014	1	12	12.0	9	3	0	33
4	2015	2	11	5.0	9	2	0	22
5	2015	2	8	4.0	8	0	0	0
05A	2013	1	14	14.0	11	3	0	27
05A	2015	1	6	6.0	6	0	0	0
05B	2014	1	9	9.0	6	3	0	50
06A	2013	10	71	7.1	61	10	0	16
06A	2014	3	44	14.7	36	8	0	22
06A	2015	5	55	11.0	40	15	0	38
06B	2013	4	24	5.8	21	3	0	14
06B	2014	4	35	8.8	26	9	0	35
06B	2015	4	23	5.8	18	5	0	28
07E	2013	0	1	-	1	0	0	0
07W	2013	1	3	3.0	3	0	0	0
8	2013	2	14	7.0	11	3	0	27
10	2013	4	20	5.0	13	7	0	54
10	2014	2	15	7.5	12	3	0	25
10	2015	4	37	9.3	23	14	0	61
10	2016	1	3	2.0	3	0	0	0
15A	2013	1	6	6.0	3	3	0	100
15A	2014	1	18	18.0	13	5	0	38
15A	2015	1	12	12.0	11	1	0	9
15B	2013	2	10	5.0	4	6	0	150
15B	2014	6	51	8.5	41	10	0	24
15B	2015	1	2	2.0	2	0	0	0
15D	2016	2	20	10.0	17	3	0	18
16A	2013	5	39	7.6	31	8	0	26
16A	2014	8	102	12.8	78	24	0	31
16A	2015	7	97	13.9	69	28	0	41
16A	2016	10	106	10.6	88	18	0	20
17A	2013	1	2	2.0	2	0	0	0
17A	2014	4	41	10.0	37	4	0	11
17A	2015	2	18	9.0	17	1	0	6
17A	2016	5	40	8.0	31	9	0	29
17B	2013	9	103	11.4	83	20	0	24
17B	2014	7	90	12.9	68	22	0	32
17B	2015	10	107	10.7	81	26	0	32
17B	2016	7	72	10.1	61	11	0	18
18A	2013	7	65	9.3	46	19	0	41
18A	2014	5	40	8.0	29	11	0	38
18A	2015	7	71	10.1	65	6	0	9
18A	2016	6	74	12.3	55	19	0	35
18B	2013	15	116	7.7	92	24	0	26
18B	2014	7	85	12.1	75	10	0	13
18B	2015	13	135	10.4	114	21	0	18
18B	2016	22	299	13.6	251	48	0	19
19A	2013	9	98	10.9	66	22	10	33
19A	2014	3	16	5.3	12	4	0	33
19A	2015	6	59	9.8	42	13	4	31
19A	2016	6	51	8.5	46	5	0	11
19B	2013	12	129	10.8	104	25	0	24
19B	2014	3	22	7.3	18	4	0	22
19B	2015	5	35	7.0	31	4	0	13
19B	2016	8	63	7.8	47	16	0	34
20A	2013	7	60	8.6	50	10	0	20
20A	2014	2	16	8.0	14	2	0	14
20A	2015	14	121	8.6	97	24	0	25
20A	2016	12	106	8.8	80	26	0	33
20B	2013	21	183	8.7	146	37	0	25
20B	2014	15	144	9.5	108	36	0	33
20B	2015	19	225	11.8	177	48	0	27

# Javelina Survey Data

## 5-Year: 2012-2016 Javelina Survey Data

Unit	Year	No. of Herds Observed <sup>1</sup>	Total Javelina Observed	Average Herd Size <sup>1</sup>	Classification			Young/100 Adults
					Adult	Young	Unclassified	
20B	2016	29	340	11.7	306	34	0	11
20C	2013	34	374	11.0	311	63	0	20
20C	2014	37	356	9.6	312	44	0	14
20C	2015	39	416	10.6	324	82	10	25
20C	2016	34	339	9.9	299	40	0	13
21	2013	7	69	9.9	58	11	0	19
21	2014	8	66	8.0	51	15	0	29
21	2015	8	109	13.6	91	18	0	20
21	2016	13	148	11.4	125	23	0	18
22	2013	9	98	10.9	81	17	0	21
22	2014	6	47	7.8	41	6	0	15
22	2015	9	97	10.8	75	22	0	29
22	2016	15	187	12.3	151	36	0	24
23	2013	18	206	11.4	146	60	0	41
23	2014	12	162	13.4	122	40	0	33
23	2015	9	101	11.2	80	21	0	26
23	2016	10	118	11.8	97	21	0	22
24A	2013	12	79	6.6	62	17	0	27
24A	2014	12	78	6.4	65	13	0	20
24A	2015	8	68	8.5	55	13	0	24
24A	2016	8	91	11.4	70	21	0	30
24B	2013	12	109	9.0	96	13	0	14
24B	2014	19	203	10.6	146	57	0	39
24B	2015	18	189	10.5	155	34	0	22
24B	2016	12	129	10.8	101	28	0	28
25M	2013	6	62	10.3	49	13	0	27
25M	2014	12	90	7.5	78	12	0	15
25M	2015	7	75	10.7	57	18	0	32
27	2013	6	41	6.8	30	11	0	37
27	2014	6	51	8.2	46	5	0	11
27	2015	4	65	16.3	50	15	0	30
27/28	2015	1	5	5.0	5	0	0	0
28	2013	19	133	7.0	102	31	0	30
28	2014	8	61	7.5	51	10	0	20
28	2015	9	71	7.8	59	12	0	20
29	2013	9	67	7.3	57	10	0	18
29	2014	4	28	6.8	20	8	0	40
29	2015	10	78	7.8	64	14	0	22
30A	2013	19	124	6.5	105	19	0	18
30A	2014	25	193	7.7	152	41	0	27
30A	2015	27	225	8.3	191	34	0	18
30B	2013	9	52	5.8	34	18	0	53
30B	2014	1	13	13.0	8	5	0	63
30B	2015	18	141	7.8	103	38	0	37
31	2013	12	84	7.0	69	15	0	22
31	2014	20	187	9.4	155	32	0	21
31	2015	11	112	10.2	97	15	0	15
32	2013	13	112	8.6	90	22	0	24
32	2014	10	76	7.6	61	15	0	25
32	2015	17	174	10.2	148	26	0	18
33	2013	5	39	7.8	35	4	0	11
33	2014	5	30	6.0	25	5	0	20
33	2015	1	9	9.0	6	3	0	50
34A	2013	15	156	10.4	125	31	0	25
34A	2014	10	90	8.9	75	15	0	20
34A	2015	14	169	12.1	116	53	0	46
34B	2013	9	70	7.8	48	22	0	46
34B	2014	3	28	9.3	24	4	0	17
34B	2015	11	102	9.3	80	22	0	28
35A	2013	14	101	7.2	76	25	0	33
35A	2014	10	70	6.9	55	15	0	27
35A	2015	18	180	10.0	120	47	13	39

# Javelina Survey Data

## 5-Year: 2012-2016 Javelina Survey Data

Unit	Year	No. of Herds Observed <sup>1</sup>	Total Javelina Observed	Average Herd Size <sup>1</sup>	Classification			Young/100 Adults
					Adult	Young	Unclassified	
35B	2013	8	63	7.9	52	11	0	21
35B	2014	14	142	10.1	112	30	0	27
35B	2015	13	129	9.9	94	27	8	29
36A	2013	17	154	9.1	110	44	0	40
36A	2014	15	164	10.9	132	32	0	24
36A	2015	17	185	10.8	141	44	0	31
36B	2013	9	70	7.7	53	17	0	32
36B	2014	9	119	13.1	102	17	0	17
36B	2015	10	111	11.1	88	23	0	26
36C	2013	11	141	12.6	123	18	0	15
36C	2014	7	73	10.3	57	16	0	28
36C	2015	7	60	8.4	46	14	0	30
37A	2013	15	93	6.1	75	18	0	24
37A	2014	11	110	10.0	67	43	0	64
37A	2015	16	156	9.6	112	44	0	39
37B	2013	32	271	8.4	244	27	0	11
37B	2014	23	187	8.1	125	45	17	36
37B	2015	31	419	13.4	316	79	24	25
39/40	2014	0	1	-	0	0	1	-
39/41	2013	1	3	3.0	3	0	0	0
39/41	2014	0	1	-	0	0	1	-
40A	2013	2	15	7.0	12	3	0	25
40A	2014	1	3	3.0	3	0	0	0
40A	2015	1	15	14.0	0	0	15	-
40A	2016	7	75	10.6	64	11	0	17
40B	2015	2	10	5.0	9	1	0	11
41	2013	1	3	3.0	3	0	0	0
41	2014	0	1	-	0	0	1	-
42	2013	11	68	6.0	57	11	0	19
42	2014	9	55	6.1	44	11	0	25
42	2015	7	50	7.1	25	7	18	28
42	2016	12	100	8.3	87	13	0	15
44A	2013	5	35	6.8	29	6	0	21
44A	2014	6	48	7.8	41	7	0	17
44A	2015	4	32	8.0	23	4	5	17
44A	2016	10	69	6.8	61	8	0	13

### Summary of Fall General Javelina Hunts

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2007	920	3154	920	649	2113	122	19

### Summary of Fall HAM<sup>1</sup> Javelina Hunts

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2007	605	965	605	447	1365	50	11

### Summary of Fall Archery Javelina Hunts

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2007	660	458	645	445	1443	21	5

### Summary of Youth-Only Archery Javelina Hunts

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2012	850	552	710	543	1432	130	24
2013	830	745	800	588	1620	172	29
2014	805	672	770	582	1688	94	16
2015	780	714	738	618	1677	157	25
2016	780	674	723	557	1465	162	29

## Javelina Survey Data

### *Historic Summary of Spring General Javelina Hunts*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1950	-	-	9294	7788	-	1344	17
1951	-	-	9995	8625	-	1851	22
1952	-	-	12581	10496	-	1762	17
1953	-	-	15095	13320	-	2510	19
1954	-	-	15299	14829	-	2661	18
1955	-	-	16832	14778	-	3142	21
1956	-	-	17644	14851	-	2930	20
1957	-	-	18724	16672	-	2236	13
1958	-	-	17156	12344	23716	2172	18
1959	-	-	14279	11900	23434	2725	23
1960	-	-	16070	13857	-	2759	20
1961	-	-	19817	17191	29735	3700	22
1962	-	-	22678	19138	41787	3845	20
1963	-	-	24940	21690	46093	4417	20
1964	-	-	24653	20985	46195	5247	25
1965	-	-	24393	20976	44818	4763	23
1966	-	-	25796	21838	46028	4849	22
1967	-	-	28386	23892	52780	4804	20
1968	-	-	29793	26551	62345	4794	18
1969	-	-	32400	28844	65775	5651	20
1970	-	-	33062	30603	66448	6278	21
1971	-	-	31208	27703	59943	5890	21
1972	25350	22855	25350	21450	44178	3819	18
1973	24275	26738	24275	20130	41189	4559	23
1974	22950	29708	22950	19222	39258	5007	26
1975	22300	30889	22300	19017	39409	4587	24
1976	20725	32657	20725	17435	35956	4172	24
1977	20525	33561	20525	17148	35890	4225	25
1978	19950	31685	19950	16075	32666	3449	22
1979	18560	28969	18560	15397	32551	3717	24
1980	17460	29690	17460	14354	33299	3672	26
1981	15785	32330	15785	12986	29477	3642	28
1982	15355	28007	15355	12627	30540	3075	24
1983	15170	21204	15170	13400	32250	3269	24
1984	16120	20052	16120	13975	35149	3638	26
1985	15145	20143	15145	13067	32970	3539	27
1986	15975	23247	15975	13725	33473	3743	27
1987	15890	21710	15890	13979	34330	4220	30
1988	15885	21737	15885	14129	35067	4432	31
1989	15310	20444	15310	13569	34861	3240	24
1990	14325	18859	14325	12565	31314	3468	28
1991	13225	16614	13900	12165	31618	2856	24
1992	13800	10394	13255	12360	32183	3158	26
1993	13880	10407	13787	11902	29035	3126	26
1994	13915	10867	13890	12382	31672	3536	29
1995	13440	11086	13433	11926	31928	2781	23
1996	13360	11151	13307	11938	31600	3444	29
1997	12620	11296	12622	11085	30147	2952	27
1998	12410	11835	12444	10493	27482	2520	24
1999	12200	12053	11937	10506	28005	2784	26
2000	12195	11603	12194	10793	27700	3182	29
2001	12105	12517	12110	10336	28124	2291	22
2002	11705	10941	11702	10256	27685	2823	28
2003	11900	11428	11920	10153	27419	2348	23
2004	11300	12879	11292	9747	26424	2393	25
2005	11090	13790	11207	8628	23772	1729	20
2006	11145	10972	11043	9538	26024	2544	27
2007	11500	9076	11170	9778	26632	2587	26
2008	11721	8106	11138	9536	26185	2008	21
2009	11696	7521	10593	9235	26543	1971	21
2010	11496	7054	11139	9621	26127	2208	23
2011	11496	6553	11207	9518	25955	2343	25

## Javelina Hunt Data

### *Historic Summary of Spring General Javelina Hunts*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
2012	11571	6983	11342	9964	28222	2363	24
2013	11721	7229	11712	9953	28424	2892	29
2014	11696	7637	11664	9914	29207	2222	22
2015	11493	9339	11481	9995	29325	2220	22
2016	11471	8601	11270	8620	28125	2280	24
2017	11471	9568	11390	9483	26838	2875	30

### *Historic Summary of Spring Youth-Only Javelina Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1992	150	75	120	103	225	20	19
1993	150	92	140	125	283	31	25
1994	150	88	148	138	289	49	36
1995	150	50	89	78	198	16	21
1996	250	131	197	191	396	65	34
1997	370	179	256	229	570	84	37
1998	420	244	324	300	738	74	25
1999	380	304	338	297	631	111	37
2000	480	353	444	397	824	159	40
2001	530	453	509	443	986	110	25
2002	460	942	460	385	812	149	39
2003	460	957	460	401	915	124	31
2004	485	609	485	430	1030	117	27
2005	535	611	550	447	983	151	34
2006	670	682	645	522	1241	172	33
2007	865	896	809	729	1841	314	43
2008	970	866	818	684	1614	273	40
2009	990	661	781	702	1865	231	33
2010	1020	779	886	757	1865	285	38
2011	1025	860	912	809	1969	311	38
2012	1050	816	940	804	2070	325	40
2013	1060	834	994	773	1706	242	31
2014	1120	972	1098	924	2379	249	27
2015	1145	1164	1138	922	2349	357	39
2016	1070	1109	1043	901	2146	338	38
2017	1145	1299	1145	905	2045	465	51

### *Historic Summary of Spring HAM<sup>2</sup> Javelina Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1974	100	302	100	79	166	30	38
1975	100	246	100	82	127	29	35
1976	900	1046	900	711	1484	90	13
1977	925	1117	925	689	1385	104	15
1978	1700	1348	1700	1290	2623	145	11
1979	1850	1440	1850	1454	3128	212	15
1980	3000	2108	3000	2250	5178	367	16
1981	3750	2755	3750	2986	7545	544	18
1982	3850	3502	3850	3079	7771	482	16
1983	5990	3226	5990	4476	11313	824	18
1984	6375	3517	6375	4436	11775	878	20
1985	8180	4272	8116	5653	14835	1109	20
1986	7620	5446	7620	6316	16558	1180	19
1987	8200	5500	7719	6382	16289	1728	27
1988	6500	6208	6500	5655	15148	1133	20
1989	6075	6023	6075	5287	14271	991	19
1990	6980	6229	6980	5964	16286	1289	22

<sup>1</sup> Prior to 1982, hunts were for handgun, handgun/archery, and/or archery/muzzleloader.

<sup>2</sup> Including special fall archery/shotgun hunts.

## Javelina Hunt Data

### *Historic Summary of Spring Youth-Only Javelina Hunts*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1991 <sup>2</sup>	7340	6433	6991	6159	16796	929	15
1992	6740	4050	5786	5191	14667	951	18
1993	7665	4674	6839	5704	14961	973	17
1994	8150	5081	7875	7081	19553	1587	22
1995	8070	5553	8004	7034	19908	1186	17
1996	8210	5888	8012	7033	20053	1456	21
1997	8360	6088	8155	7229	20571	1387	19
1998	7685	5888	7531	6462	17451	1014	16
1999	7760	6184	7176	6287	17805	1281	20
2000	7260	6321	7262	6360	17621	1311	21
2001	6775	6034	6738	5812	17175	957	16
2002	6600	5377	6601	5705	16990	1148	20
2003	7050	5644	7059	5992	18169	860	14
2004	6550	5779	6550	5637	16683	1066	19
2005	6500	5342	6537	5018	14657	692	14
2006	6400	4868	6040	5226	15810	1141	22
2007	5465	4763	5205	4510	14278	878	19
2008	5440	4366	4838	4137	12768	692	17
2009	5405	3937	4616	3975	12617	730	18
2010	5510	3739	4950	4314	13563	997	23
2011	5545	3402	4739	4116	12951	1011	25
2012	5545	3610	4873	4276	13908	847	20
2013	5375	3584	5292	4565	15215	1028	23
2014	5405	3535	5316	4579	15417	891	19
2015	5420	4003	5401	4650	15944	899	19
2016	5480	3567	5262	4494	14829	1017	23
2017	5505	3759	5447	4575	14887	1081	24

<sup>1</sup> Prior to 1982, hunts were for handgun, handgun/archery, and/or archery/muzzleloader.

<sup>2</sup> Including special fall archery/shotgun hunts.

### *Historic Summary of Spring Archery Javelina Hunts*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1963	–	–	–	1125	3519	111	10
1964	–	–	–	1226	3689	112	9
1965	–	–	–	1438	3574	118	8
1966	–	–	–	1441	3515	138	10
1967	–	–	–	1283	3855	120	9
1968	–	–	–	1608	5093	193	12
1969	–	–	–	2295	7720	206	9
1970	–	–	–	2455	8484	196	8
1971	–	–	–	2918	9663	354	12
1972	–	–	–	3795	12622	305	8
1973	–	–	–	4286	13613	469	11
1974	100	10	–	3680	13145	500	14
1975	100	37	–	4804	16129	650	14
1976	100	28	–	5478	18970	1044	19
1977	–	–	–	5472	20475	786	14
1978	–	–	–	6725	23940	824	12
1979	2400	510	–	4342	14722	786	18
1980	–	–	–	4902	19288	1222	25
1981	–	–	–	6643	36568	1527	23
1982	–	–	–	8735	39700	1543	18
1983	–	–	8987	7722	33638	1684	22
1984	–	–	9163	–	–	–	–
1985	–	–	9599	8883	32259	1946	22
1986	–	–	11088	10379	44358	2232	22
1987	–	–	12236	11200	50479	2870	26
1988	–	–	14625	13493	62771	3436	26
1989	–	–	14785	14011	62250	3605	26
1990	–	–	15104	14161	60256	3723	26
1991	–	–	13658	12504	54558	2263	18
1992	12926	6670	9490	8735	40906	2330	27
1993	11990	7239	9697	8657	38263	2439	28

## Javelina Hunt Data

### *Historic Summary of Spring Archery Javelina Hunts*

Year <sup>1</sup>	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1994	10205	7424	9944	9099	43001	2564	28
1995	10555	7639	10357	9430	45061	2764	29
1996	10125	7583	9908	8978	42000	2661	30
1997	9755	7809	9703	8725	40922	2672	31
1998	9450	8270	9444	8443	42692	2163	26
1999	9220	8972	9214	8242	41443	2187	27
2000	9650	8828	9646	8604	41072	2574	30
2001	9685	9736	9683	8438	41754	1862	22
2002	9685	9013	9673	8662	41735	2790	32
2003	9635	9756	9661	8545	43478	2236	26
2004	9435	10355	9434	8324	40575	2398	29
2005	9685	10351	9771	8506	42364	2038	24
2006	10000	9861	9930	8703	43174	2452	28
2007	9220	8311	8842	7675	34571	2305	30
2008	9661	8065	8939	7757	35110	2229	29
2009	9911	6919	8064	7204	33010	1961	27
2010	9636	6341	8062	7108	30403	2382	34
2011	9391	5704	7434	6542	27437	2017	31
2012	9391	5719	7761	6900	32984	2197	32
2013	9416	5715	8462	7338	31127	2750	37
2014	9466	6021	8724	7618	36523	2111	28
2015	9413	6556	8616	7500	34274	2286	30
2016	9496	6078	8365	7179	32064	2214	31
2017	9496	6608	8757	7244	31940	2456	34

<sup>1</sup> Ft. Huachuca hunt data was gathered using the hunter questionnaire program after 1995.

# Javelina Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>SPRING GENERAL</b>										
6A/6B/8	2013	2/22- 2/28	150	311	150	46.0	118	284	41	35
6A/6B/8	2014	2/21- 2/27	175	320	175	53.4	156	451	19	12
6A/6B/8	2015	2/20- 2/26	175	329	175	51.4	162	445	23	14
6A/6B/8	2016	2/19- 2/25	175	330	175	51.5	147	402	30	20
6A/6B/8	2017	2/24- 3/02	175	331	175	49.6	151	359	57	38
10/18A	2013	2/22- 2/28	250	122	250	97.5	190	519	82	43
10/18A	2014	2/21- 2/27	200	90	200	100.0	165	518	45	27
10/18A	2015	2/20- 2/26	200	139	200	97.8	178	552	48	27
10/18A	2016	2/19- 2/25	200	150	193	97.3	165	488	51	31
10/18A	2017	2/24- 3/02	200	186	199	94.1	162	429	63	39
16A	2013	2/22- 2/28	350	118	350	100.0	275	966	56	20
16A	2014	2/21- 2/27	350	116	349	100.0	305	1061	25	8
16A	2015	2/20- 2/26	350	125	350	100.0	301	859	45	15
16A	2016	2/19- 2/25	350	141	345	100.0	296	893	44	15
16A	2017	2/24- 3/02	350	119	349	100.0	273	810	85	31
17	2013	2/22- 2/28	500	289	500	98.6	430	1488	94	22
17	2014	2/21- 2/27	500	232	500	97.0	399	1378	75	19
17	2015	2/20- 2/26	500	303	500	99.7	425	1411	63	15
17	2016	2/19- 2/25	500	271	478	98.2	416	1381	100	24
17	2017	2/24- 3/02	500	311	496	97.1	392	1201	87	22
18B	2013	2/22- 2/28	450	234	450	94.4	376	1005	155	41
18B	2014	2/21- 2/27	450	294	450	95.9	367	1239	136	37
18B	2015	2/20- 2/26	450	377	450	90.5	372	1098	118	32
18B	2016	2/19- 2/25	450	317	437	91.2	386	1214	114	30
18B	2017	2/24- 3/02	450	335	450	96.7	381	1041	192	50
19A	2013	2/22- 2/28	350	157	349	100.0	285	808	61	21
19A	2014	2/21- 2/27	350	164	350	93.9	329	1017	35	11
19A	2015	2/20- 2/26	350	172	350	98.3	299	905	51	17
19A	2016	2/19- 2/25	350	194	346	98.5	286	857	74	26
19A	2017	2/24- 3/02	350	254	350	98.0	290	799	80	28
19B	2013	2/22- 2/28	250	15	249	100.0	218	591	16	7
19B	2014	2/21- 2/27	250	29	250	100.0	221	716	31	14
19B	2015	2/20- 2/26	250	40	247	100.0	220	524	34	15
19B	2016	2/19- 2/25	250	40	248	100.0	218	610	48	22
19B	2017	2/24- 3/02	250	48	250	100.0	172	595	9	5
20A	2013	2/22- 2/28	350	219	350	100.0	334	913	73	22
20A	2014	2/21- 2/27	350	204	350	99.0	297	851	63	21
20A	2015	2/20- 2/26	350	276	350	97.8	308	991	56	18
20A	2016	2/19- 2/25	350	253	344	98.4	288	852	61	21
20A	2017	2/24- 3/02	350	292	350	99.3	292	799	81	28
20B	2013	2/22- 2/28	625	496	624	99.2	527	1398	159	30
20B	2014	2/21- 2/27	625	663	625	86.7	546	1556	69	13
20B	2015	2/20- 2/26	625	669	625	81.0	557	1640	98	18
20B	2016	2/19- 2/25	625	521	626	98.7	545	1579	104	19
20B	2017	2/24- 3/02	625	637	626	87.4	515	1445	106	21
20C	2013	2/22- 2/28	275	300	275	89.3	247	693	94	38
20C	2014	2/21- 2/27	300	357	300	81.5	250	683	66	26
20C	2015	2/20- 2/26	325	363	325	83.5	272	716	71	26
20C	2016	2/19- 2/25	325	359	324	85.8	285	760	102	36
20C	2017	2/24- 3/02	350	424	350	80.7	310	790	99	32
21	2013	2/22- 2/28	550	692	550	75.3	458	1222	127	28
21	2014	2/21- 2/27	550	680	550	75.9	462	1365	66	14
21	2015	2/20- 2/26	500	841	500	57.4	432	1369	57	13
21	2016	2/19- 2/25	500	731	500	65.3	390	1020	75	19
21	2017	2/24- 3/02	500	715	500	65.6	366	951	85	23
22	2013	2/22- 2/28	550	598	550	77.9	454	1274	84	19
22	2014	2/21- 2/27	550	632	550	73.7	454	1274	66	15
22	2015	2/20- 2/26	550	781	550	59.9	454	1203	93	20
22	2016	2/19- 2/25	550	721	550	69.1	463	1353	82	18
22	2017	2/24- 3/02	550	858	550	57.5	488	1193	151	31
23	2013	2/22- 2/28	325	502	325	59.6	279	743	89	32

## Javelina Harvest Data

### 5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
23	2014	2/21- 2/27	350	560	350	59.3	285	848	71	25
23	2015	2/20- 2/26	350	722	350	47.4	292	874	82	28
23	2016	2/19- 2/25	375	565	375	61.2	321	947	81	25
23	2017	2/24- 3/02	375	655	375	55.3	330	890	148	45
24A	2013	2/22- 2/28	200	234	200	73.1	166	440	37	22
24A	2014	2/21- 2/27	200	197	200	89.9	158	400	44	28
24A	2015	2/20- 2/26	200	244	200	69.7	179	504	24	13
24A	2016	2/19- 2/25	200	209	200	84.2	159	471	21	13
24A	2017	2/24- 3/02	200	202	200	78.7	173	420	35	20
24B	2013	2/22- 2/28	225	341	225	63.3	191	486	56	29
24B	2014	2/21- 2/27	225	327	225	66.4	209	544	48	23
24B	2015	2/20- 2/26	200	363	200	47.4	171	528	53	31
24B	2016	2/19- 2/25	200	386	200	51.3	162	424	35	22
24B	2017	2/24- 3/02	225	447	225	48.8	153	360	41	27
27	2013	2/22- 2/28	125	45	125	95.6	93	301	14	15
27	2014	2/21- 2/27	100	42	100	88.1	71	195	27	38
27	2015	2/20- 2/26	100	42	100	100.0	82	255	26	32
27	2016	2/19- 2/25	100	57	99	100.0	76	218	28	37
27	2017	2/24- 3/02	100	68	100	100.0	94	250	22	23
28	2013	2/22- 2/28	200	124	200	96.0	174	528	56	32
28	2014	2/21- 2/27	200	141	200	88.7	153	462	62	41
28	2015	2/20- 2/26	200	167	200	93.4	168	485	55	33
28	2016	2/19- 2/25	200	143	196	98.6	161	547	28	17
28	2017	2/24- 3/02	200	151	200	98.0	172	456	56	33
29	2013	2/22- 2/28	100	24	100	100.0	95	300	30	32
29	2014	2/21- 2/27	100	15	70	100.0	53	216	13	25
29	2015	2/20- 2/26	100	27	94	100.0	86	274	20	23
29	2016	2/19- 2/25	100	16	65	100.0	44	127	14	32
29	2017	2/24- 3/02	100	20	67	100.0	54	155	8	15
30A	2013	2/22- 2/28	350	91	350	100.0	279	753	142	51
30A	2014	2/21- 2/27	350	87	350	100.0	300	854	103	34
30A	2015	2/20- 2/26	350	84	350	100.0	306	794	74	24
30A	2016	2/19- 2/25	350	101	334	100.0	269	730	106	39
30A	2017	2/24- 3/02	350	93	306	100.0	261	796	139	53
30B	2013	2/22- 2/28	175	71	175	97.2	160	457	53	33
30B	2014	2/21- 2/27	175	57	175	96.5	155	470	42	27
30B	2015	2/20- 2/26	175	81	175	98.8	135	470	45	33
30B	2016	2/19- 2/25	175	67	170	98.5	140	398	41	29
30B	2017	2/24- 3/02	175	87	175	100.0	136	402	55	40
31	2013	2/22- 2/28	225	79	223	98.7	176	554	34	19
31	2014	2/21- 2/27	225	69	225	100.0	159	494	37	23
31	2015	2/20- 2/26	225	96	225	100.0	199	554	40	20
31	2016	2/19- 2/25	225	89	224	97.8	164	427	48	29
31	2017	2/24- 3/02	225	116	225	98.3	159	470	73	46
32	2013	2/22- 2/28	450	221	450	92.8	350	961	138	39
32	2014	2/21- 2/27	450	222	450	97.8	375	1024	124	33
32	2015	2/20- 2/26	450	268	450	98.1	381	1103	108	28
32	2016	2/19- 2/25	450	215	447	95.4	386	1141	102	26
32	2017	2/24- 3/02	450	259	450	95.4	376	1147	157	42
33	2013	2/22- 2/28	650	293	650	96.9	534	1502	169	32
33	2014	2/21- 2/27	600	359	601	93.6	529	1438	106	20
33	2015	2/20- 2/26	500	413	500	93.2	414	1307	79	19
33	2016	2/19- 2/25	450	347	437	91.4	381	1210	90	24
33	2017	2/24- 3/02	400	325	400	96.0	325	975	92	28
34A	2013	2/22- 2/28	550	140	550	100.0	479	1220	176	37
34A	2014	2/21- 2/27	550	187	550	100.0	460	1313	122	27
34A	2015	2/20- 2/26	600	236	597	99.6	542	1455	180	33
34A	2016	2/19- 2/25	600	267	593	99.3	492	1480	109	22
34A	2017	2/24- 3/02	600	324	600	97.2	519	1462	204	39
34B	2013	2/22- 2/28	100	25	100	100.0	59	129	18	31
34B	2014	2/21- 2/27	100	37	100	100.0	81	179	28	35
34B	2015	2/20- 2/26	100	68	100	89.7	82	241	23	28

# Javelina Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
34B	2016	2/19- 2/25	100	44	92	100.0	89	207	41	46
34B	2017	2/24- 3/02	100	72	100	93.1	91	252	48	53
35A	2013	2/22- 2/28	75	43	75	95.4	67	192	17	25
35A	2014	2/21- 2/27	75	50	75	96.0	61	154	16	26
35A	2015	2/20- 2/26	75	55	75	92.7	67	193	24	36
35A	2016	2/19- 2/25	75	53	74	86.8	56	135	23	41
35A	2017	2/24- 3/02	75	69	75	100.0	56	154	26	46
35B	2013	2/22- 2/28	100	25	100	100.0	92	285	8	9
35B	2014	2/21- 2/27	100	30	100	93.3	79	228	31	39
35B	2015	2/20- 2/26	100	39	100	87.2	93	243	36	39
35B	2016	2/19- 2/25	100	50	96	90.0	93	285	21	23
35B	2017	2/24- 3/02	100	42	100	100.0	88	200	38	43
36A	2013	2/22- 2/28	475	138	475	100.0	421	1276	143	34
36A	2014	2/21- 2/27	500	138	500	100.0	461	1416	115	25
36A	2015	2/20- 2/26	500	157	500	100.0	420	1277	105	25
36A	2016	2/19- 2/25	500	221	489	100.0	416	1257	92	22
36A	2017	2/24- 3/02	500	194	500	100.0	425	1315	70	16
36	2016	1/22- 1/31	75	28	74	96.4	74	191	25	34
36B	2013	2/22- 2/28	475	108	475	100.0	427	1308	149	35
36B	2014	2/21- 2/27	475	116	475	100.0	410	1136	124	30
36B	2015	2/20- 2/26	475	218	475	93.1	428	1201	86	20
36B	2016	2/19- 2/25	475	186	473	96.8	428	1074	98	23
36B	2017	2/24- 3/02	475	217	475	95.9	412	1206	177	43
36C	2013	2/22- 2/28	275	56	275	100.0	250	732	83	33
36C	2014	2/21- 2/27	275	88	275	100.0	249	810	66	27
36C	2015	2/20- 2/26	275	68	275	100.0	233	730	59	25
36C	2016	2/19- 2/25	275	66	272	100.0	245	775	51	21
36C	2017	2/24- 3/02	275	58	275	98.3	246	854	52	21
37A	2013	2/22- 2/28	880	352	878	98.9	777	2311	193	25
37A	2014	2/21- 2/27	880	278	880	99.3	753	2246	155	21
37A	2015	2/20- 2/26	880	403	880	98.8	812	2472	150	18
37A	2016	2/19- 2/25	880	437	852	99.3	747	2132	163	22
37A	2017	2/24- 3/02	880	483	881	99.2	756	2184	129	17
37B	2013	2/22- 2/28	1000	638	1000	94.4	890	2537	221	25
37B	2014	2/21- 2/27	1000	761	1000	94.1	882	2394	175	20
37B	2015	2/20- 2/26	900	1048	900	78.9	816	2345	187	23
37B	2016	2/19- 2/25	900	933	900	87.9	817	2339	189	23
37B	2017	2/24- 3/02	900	1036	900	79.7	777	2153	185	24
42/44A	2013	2/22- 2/28	100	103	100	92.2	82	248	24	29
42/44A	2014	2/21- 2/27	100	68	100	97.1	68	224	14	21
42/44A	2015	2/20- 2/26	100	104	100	86.5	76	221	12	16
42/44A	2016	2/19- 2/25	100	112	100	86.6	77	275	13	17
42/44A	2017	2/24- 3/02	100	115	100	82.6	88	325	25	28
FTHU	2013	2/15- 2/21	16	25	14	48.0	0	0	0	-
FTHU	2014	2/14- 2/20	16	27	14	48.2	12	53	3	25
FTHU	2015	2/13- 2/19	13	21	13	52.4	7	30	4	57
FTHU	2016	2/12- 2/18	16	9	16	66.7	16	106	10	63
FTHU	2017	2/24- 3/02	16	25	16	60.0	0	0	0	-
<b>SPRING YOUTH-ONLY</b>										
6A/6B/8	2013	1/25- 2/03	75	68	75	94.1	55	143	22	40
6A/6B/8	2014	1/24- 2/02	100	76	100	98.7	76	188	21	28
6A/6B/8	2015	1/23- 2/01	100	76	100	100.0	73	184	32	44
6A/6B/8	2016	1/22- 1/31	100	78	97	100.0	94	212	36	38
6A/6B/8	2017	1/27- 2/05	100	83	100	98.8	100	238	38	38
10/17/18A/19/20A	2013	1/25- 2/03	100	105	100	81.9	81	169	31	38
10/17/18A/19/20A	2014	1/24- 2/02	100	84	100	91.7	83	232	34	41
10/17/18A/19/20A	2015	1/23- 2/01	100	100	100	93.0	76	194	35	46
10/17/18A/19/20A	2016	1/22- 1/31	100	134	100	70.2	83	191	29	35
10/17/18A/19/20A	2017	1/27- 2/05	100	132	100	68.9	64	128	44	69
16A	2013	1/25- 2/03	50	8	26	100.0	9	17	0	0
16A	2014	1/24- 2/02	50	9	36	100.0	36	76	12	33

FTHU = Fort Huachuca

# Javelina Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
16A	2015	1/23- 2/01	50	20	44	100.0	44	109	9	20
16A	2016	1/22- 1/31	50	9	49	100.0	45	71	13	29
16A	2017	1/27- 2/05	50	21	50	100.0	40	95	10	25
18B	2013	1/25- 2/03	100	23	79	100.0	57	108	0	0
18B	2014	1/24- 2/02	100	36	99	100.0	84	168	35	42
18B	2015	1/23- 2/01	100	49	100	89.8	82	166	32	39
18B	2016	1/22- 1/31	100	51	98	94.1	78	180	39	50
18B	2017	1/27- 2/05	100	58	100	93.1	95	215	60	63
20B/21	2013	1/25- 2/03	125	114	125	94.7	88	197	28	32
20B/21	2014	1/24- 2/02	125	148	125	79.1	114	304	22	19
20B/21	2015	1/23- 2/01	125	166	125	71.7	107	313	44	41
20B/21	2016	1/22- 1/31	125	131	125	83.2	109	266	38	35
20B/21	2017	1/27- 2/05	125	137	125	78.1	106	269	67	63
20C	2013	1/25- 2/03	100	81	100	100.0	95	223	32	34
20C	2014	1/24- 2/02	100	94	100	94.7	90	227	17	19
20C	2015	1/23- 2/01	125	112	125	97.3	95	228	47	49
20C	2016	1/22- 1/31	125	98	117	94.9	105	237	47	45
20C	2017	1/27- 2/05	125	114	125	92.1	86	181	65	76
22/23	2013	1/25- 2/03	75	175	75	42.9	56	109	10	18
22/23	2014	1/24- 2/02	75	193	75	38.9	66	138	24	36
22/23	2015	1/23- 2/01	75	230	75	32.6	54	138	27	50
22/23	2016	1/22- 1/31	75	197	75	38.1	56	141	21	38
22/23	2017	1/27- 2/05	75	258	75	29.1	51	159	21	41
24A/24B	2013	1/25- 2/03	50	54	50	72.2	41	77	14	34
24A/24B	2014	1/24- 2/02	60	62	60	66.1	57	150	10	18
24A/24B	2015	1/23- 2/01	60	65	60	67.7	53	139	11	21
24A/24B	2016	1/22- 1/31	60	73	60	63.0	46	132	19	41
24A/24B	2017	1/27- 2/05	60	90	60	43.3	60	87	33	55
27	2013	1/25- 2/03	25	10	25	100.0	25	25	0	0
27	2014	1/24- 2/02	25	4	25	100.0	5	20	0	0
27	2015	1/23- 2/01	25	13	25	76.9	16	63	3	19
27	2016	1/22- 1/31	25	13	25	92.3	25	50	0	0
27	2017	1/27- 2/05	25	13	25	100.0	7	14	4	57
28/29/30/31/32	2013	1/25- 2/03	100	48	95	81.3	63	167	27	43
28/29/30/31/32	2014	1/24- 2/02	100	65	100	87.7	79	207	21	27
28/29/30/31/32	2015	1/23- 2/01	100	98	100	84.7	81	188	40	49
28/29/30/31/32	2016	1/22- 1/31	100	79	97	83.5	78	172	32	41
28/29/30/31/32	2017	1/27- 2/05	100	106	100	86.8	50	94	22	44
33/37	2013	1/25- 2/03	150	123	150	90.2	131	291	44	34
33/37	2014	1/24- 2/02	150	161	150	87.0	131	363	27	21
33/37	2015	1/23- 2/01	150	184	150	74.5	125	310	45	36
33/37	2016	1/22- 1/31	150	221	150	63.4	133	381	39	29
33/37	2017	1/27- 2/05	150	224	150	62.5	127	267	43	34
34	2013	1/25- 2/03	40	6	39	100.0	23	31	23	100
34	2014	1/24- 2/02	40	12	40	100.0	35	99	11	31
34	2015	1/23- 2/01	40	14	40	100.0	37	114	6	16
34	2016	1/22- 1/31	40	21	39	90.5	28	72	14	50
34	2017	1/27- 2/05	40	24	40	70.8	24	48	12	50
35	2013	1/25- 2/03	20	2	5	50.0	5	10	0	0
35	2014	1/24- 2/02	20	6	13	100.0	10	23	0	0
35	2015	1/23- 2/01	20	6	19	100.0	16	44	6	38
35	2016	1/22- 1/31	20	4	11	100.0	11	29	7	64
35	2017	1/27- 2/05	20	6	20	100.0	20	108	4	20
36	2013	1/25- 2/03	50	17	50	88.2	44	139	11	25
36	2014	1/24- 2/02	75	22	75	86.4	58	184	15	26
36	2015	1/23- 2/01	75	31	75	100.0	59	158	12	20
36	2017	1/27- 2/05	75	33	75	100.0	75	142	42	56
<b>SPRING HAM</b>										
6A/6B/8	2013	2/08- 2/17	50	129	50	38.8	38	133	13	34
6A/6B/8	2014	2/07- 2/16	75	129	75	58.1	69	193	13	19
6A/6B/8	2015	2/06- 2/16	75	120	75	59.2	63	174	19	30
6A/6B/8	2016	2/05- 2/15	75	102	75	64.7	70	268	16	23

# Javelina Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
6A/6B/8	2017	2/10- 2/20	75	148	75	50.7	44	103	9	20
10/18A	2013	2/08- 2/17	100	46	92	100.0	81	327	32	40
10/18A	2014	2/07- 2/16	75	57	75	59.7	64	249	13	20
10/18A	2015	2/06- 2/16	75	44	75	97.7	66	210	22	33
10/18A	2016	2/05- 2/15	75	51	74	88.2	60	167	25	42
10/18A	2017	2/10- 2/20	75	58	71	82.8	56	168	22	39
16A	2013	2/08- 2/17	100	23	100	91.3	82	341	6	7
16A	2014	2/07- 2/16	100	51	100	84.3	90	337	6	7
16A	2015	2/06- 2/16	100	59	100	88.1	82	265	16	20
16A	2016	2/05- 2/15	100	50	95	86.0	77	287	22	29
16A	2017	2/10- 2/20	100	32	100	93.8	75	275	9	12
17	2013	2/08- 2/17	100	76	100	81.6	83	367	21	25
17	2014	2/07- 2/16	100	74	100	94.6	81	269	19	23
17	2015	2/06- 2/16	100	131	100	73.3	83	319	19	23
17	2016	2/05- 2/15	150	105	140	91.4	109	424	24	22
17	2017	2/10- 2/20	150	98	150	94.9	114	271	39	34
18B	2013	2/08- 2/17	250	185	250	82.7	220	825	60	27
18B	2014	2/07- 2/16	250	140	250	84.3	221	738	52	24
18B	2015	2/06- 2/16	250	175	250	87.4	230	823	63	27
18B	2016	2/05- 2/15	250	181	240	79.6	212	736	59	28
18B	2017	2/10- 2/20	250	189	250	96.3	211	801	66	31
19A	2013	2/08- 2/17	100	68	100	100.0	94	390	20	21
19A	2014	2/07- 2/16	100	54	100	85.2	80	309	16	20
19A	2015	2/06- 2/16	100	83	100	89.2	95	323	15	16
19A	2016	2/05- 2/15	100	72	97	93.1	85	228	21	25
19A	2017	2/10- 2/20	100	73	100	87.7	76	280	24	32
19B	2013	2/08- 2/17	100	6	100	100.0	80	240	20	25
19B	2014	2/07- 2/16	100	9	100	100.0	85	241	11	13
19B	2015	2/06- 2/16	100	10	100	100.0	82	234	24	29
19B	2016	2/05- 2/15	100	3	100	100.0	84	246	16	19
19B	2017	2/10- 2/20	100	14	100	100.0	95	376	19	20
20A	2013	2/08- 2/17	150	89	150	94.4	130	383	28	22
20A	2014	2/07- 2/16	150	84	150	100.0	117	379	31	27
20A	2015	2/06- 2/16	150	97	150	93.8	115	398	6	5
20A	2016	2/05- 2/15	150	87	146	97.7	121	431	25	21
20A	2017	2/10- 2/20	150	94	150	96.8	133	351	30	23
20B	2013	2/08- 2/17	325	232	325	99.6	301	1044	36	12
20B	2014	2/07- 2/16	325	257	325	99.6	292	935	35	12
20B	2015	2/06- 2/16	325	317	325	94.0	293	1045	35	12
20B	2016	2/05- 2/15	325	207	316	98.6	260	833	42	16
20B	2017	2/10- 2/20	325	199	325	98.0	271	818	54	20
20C	2013	2/08- 2/17	325	269	325	95.2	283	996	72	25
20C	2014	2/07- 2/16	325	262	300	97.7	254	843	57	22
20C	2015	2/06- 2/16	325	361	325	86.2	288	996	63	22
20C	2016	2/05- 2/15	325	305	316	91.2	268	934	58	22
20C	2017	2/10- 2/20	350	271	350	100.0	314	978	68	22
21	2013	2/08- 2/17	225	295	225	71.5	190	651	24	13
21	2014	2/07- 2/16	225	284	225	71.1	183	637	28	15
21	2015	2/06- 2/16	200	280	200	66.8	164	523	36	22
21	2016	2/05- 2/15	200	283	200	67.8	179	587	42	23
21	2017	2/10- 2/20	200	206	200	81.1	170	365	17	10
22	2013	2/08- 2/17	350	316	350	86.1	291	959	40	14
22	2014	2/07- 2/16	350	297	350	91.9	311	967	41	13
22	2015	2/06- 2/16	350	347	350	79.3	306	1022	42	14
22	2016	2/05- 2/15	350	327	350	79.5	307	1030	57	19
22	2017	2/10- 2/20	350	346	350	80.6	296	992	38	13
23	2013	2/08- 2/17	200	360	200	53.6	173	545	25	14
23	2014	2/07- 2/16	250	365	250	62.7	215	717	38	18
23	2015	2/06- 2/16	250	371	250	58.5	224	922	37	17
23	2016	2/05- 2/15	250	362	250	62.7	214	743	46	22
23	2017	2/10- 2/20	250	364	250	58.2	205	573	35	17
24A	2013	2/08- 2/17	125	104	125	96.2	97	310	28	29

## Javelina Harvest Data

5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
24A	2014	2/07- 2/16	135	86	135	98.8	125	385	46	37
24A	2015	2/06- 2/16	135	88	135	94.3	114	432	21	18
24A	2016	2/05- 2/15	135	65	134	95.4	104	372	21	20
24A	2017	2/10- 2/20	135	91	135	92.3	130	427	32	25
24B	2013	2/08- 2/17	100	151	100	62.3	76	190	18	24
24B	2014	2/07- 2/16	100	120	100	73.3	76	229	12	16
24B	2015	2/06- 2/16	100	137	100	55.5	92	356	18	20
24B	2016	2/05- 2/15	100	148	100	64.9	85	298	18	21
24B	2017	2/10- 2/20	100	135	100	69.6	85	327	23	27
27	2013	2/08- 2/17	50	11	50	100.0	38	124	6	16
27	2014	2/07- 2/16	50	8	40	100.0	35	108	15	43
27	2015	2/06- 2/16	50	15	50	100.0	45	179	5	11
27	2016	2/05- 2/15	50	19	50	100.0	33	97	13	39
27	2017	2/10- 2/20	50	24	50	100.0	30	85	5	17
28	2013	2/08- 2/17	85	54	85	98.2	85	307	26	31
28	2014	2/07- 2/16	85	57	85	94.7	74	234	27	36
28	2015	2/06- 2/16	85	52	85	94.2	72	205	21	29
28	2016	2/05- 2/15	85	48	83	100.0	77	232	25	32
28	2017	2/10- 2/20	85	65	85	93.9	81	259	36	44
29	2013	2/08- 2/17	40	8	23	50.0	23	84	15	65
29	2014	2/07- 2/16	40	4	14	100.0	14	31	3	21
29	2015	2/06- 2/16	40	15	32	80.0	25	76	0	0
29	2016	2/05- 2/15	40	11	18	100.0	18	63	5	28
29	2017	2/10- 2/20	40	4	4	100.0	0	0	0	-
30A	2013	2/08- 2/17	100	28	79	100.0	69	212	15	22
30A	2014	2/07- 2/16	100	36	97	91.7	82	263	23	28
30A	2015	2/06- 2/16	100	27	89	96.3	71	205	20	28
30A	2016	2/05- 2/15	100	44	72	90.9	66	203	42	64
30A	2017	2/10- 2/20	100	42	82	97.6	54	169	18	33
30B	2013	2/08- 2/17	75	30	75	100.0	56	181	25	45
30B	2014	2/07- 2/16	75	26	75	100.0	73	267	23	32
30B	2015	2/06- 2/16	75	16	75	100.0	61	307	0	0
30B	2016	2/05- 2/15	75	18	62	100.0	50	133	22	44
30B	2017	2/10- 2/20	75	31	75	87.1	62	172	4	6
31	2013	2/08- 2/17	80	26	80	84.6	75	295	15	20
31	2014	2/07- 2/16	80	23	80	82.6	63	205	8	13
31	2015	2/06- 2/16	80	28	80	100.0	72	288	17	24
31	2016	2/05- 2/15	80	38	80	76.3	74	290	12	16
31	2017	2/10- 2/20	80	46	80	100.0	77	268	25	32
32	2013	2/08- 2/17	250	136	250	97.1	210	656	80	38
32	2014	2/07- 2/16	250	144	250	93.8	218	819	42	19
32	2015	2/06- 2/16	250	164	250	98.8	215	649	42	20
32	2016	2/05- 2/15	250	135	248	93.3	215	683	26	12
32	2017	2/10- 2/20	250	125	250	92.0	206	659	60	29
33	2013	2/08- 2/17	380	150	380	94.0	300	915	75	25
33	2014	2/07- 2/16	350	159	350	100.0	292	1081	70	24
33	2015	2/06- 2/16	350	179	350	97.8	290	917	63	22
33	2016	2/05- 2/15	300	107	296	93.5	238	743	56	24
33	2017	2/10- 2/20	300	114	300	99.1	251	913	53	21
34A	2013	2/08- 2/17	285	77	285	94.8	247	727	43	17
34A	2014	2/07- 2/16	285	83	285	100.0	238	748	30	13
34A	2015	2/06- 2/16	300	97	300	100.0	265	898	53	20
34A	2016	2/05- 2/15	300	98	281	100.0	248	766	50	20
34A	2017	2/10- 2/20	300	99	300	99.0	240	738	92	38
34B	2013	2/08- 2/17	30	9	30	100.0	30	68	15	50
34B	2014	2/07- 2/16	30	4	30	100.0	28	55	18	64
34B	2015	2/06- 2/16	30	21	30	71.4	17	60	7	41
34B	2016	2/05- 2/15	30	14	28	100.0	28	102	3	11
34B	2017	2/10- 2/20	30	11	30	90.9	30	75	11	37
35A	2013	2/08- 2/17	80	19	80	100.0	60	190	10	17
35A	2014	2/07- 2/16	80	41	78	100.0	66	177	17	26
35A	2015	2/06- 2/16	80	18	80	88.9	71	197	9	13

# Javelina Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
35A	2016	2/05- 2/15	80	11	68	100.0	63	197	15	24
35A	2017	2/10- 2/20	80	24	80	100.0	65	259	23	35
35B	2013	2/08- 2/17	80	18	65	100.0	52	165	13	25
35B	2014	2/07- 2/16	80	17	80	100.0	65	247	26	40
35B	2015	2/06- 2/16	80	28	80	100.0	60	198	23	38
35B	2016	2/05- 2/15	80	26	67	100.0	60	148	26	43
35B	2017	2/10- 2/20	80	47	80	100.0	69	236	22	32
36A	2013	2/08- 2/17	115	37	115	100.0	109	326	38	35
36A	2014	2/07- 2/16	115	51	115	100.0	106	336	21	20
36A	2015	2/06- 2/16	140	54	140	100.0	128	389	16	13
36A	2016	2/05- 2/15	200	67	199	97.0	187	619	37	20
36A	2017	2/10- 2/20	200	52	200	100.0	180	560	52	29
36B	2013	2/08- 2/17	150	46	150	100.0	139	428	26	19
36B	2014	2/07- 2/16	150	52	150	100.0	122	406	21	17
36B	2015	2/06- 2/16	150	76	150	88.2	108	379	15	14
36B	2016	2/05- 2/15	150	70	147	94.3	117	324	27	23
36B	2017	2/10- 2/20	150	86	150	88.4	125	415	40	32
36C	2013	2/08- 2/17	115	10	93	100.0	87	244	6	7
36C	2014	2/07- 2/16	115	13	92	100.0	81	240	7	9
36C	2015	2/06- 2/16	115	18	115	100.0	106	345	12	11
36C	2016	2/05- 2/15	115	14	90	100.0	90	230	25	28
36C	2017	2/10- 2/20	115	15	115	100.0	115	368	19	17
37A	2013	2/08- 2/17	360	150	360	92.7	324	1120	89	27
37A	2014	2/07- 2/16	360	170	360	98.8	304	1108	56	18
37A	2015	2/06- 2/16	360	149	360	93.3	308	1085	64	21
37A	2016	2/05- 2/15	360	180	359	97.8	295	956	70	24
37A	2017	2/10- 2/20	360	168	360	100.0	305	1135	55	18
37B	2013	2/08- 2/17	500	426	500	94.4	442	1472	88	20
37B	2014	2/07- 2/16	500	378	500	96.3	455	1664	66	15
37B	2015	2/06- 2/16	500	426	500	96.5	439	1525	96	22
37B	2016	2/05- 2/15	500	319	481	95.9	410	1456	78	19
37B	2017	2/10- 2/20	500	488	500	94.7	410	1471	81	20
<b>SPRING ARCHERY</b>										
Regions 3 & 4 Units	2013	1/01- 1/24	1000	376	816	99.7	675	2857	289	43
Regions 3 & 4 Units	2014	1/01- 1/23	1000	369	944	100.0	821	3899	179	22
Regions 3 & 4 Units	2015	1/01- 1/22	1000	361	847	100.0	737	3139	215	29
Regions 3 & 4 Units	2016	1/01- 1/21	1000	257	753	100.0	632	2440	203	32
Regions 3 & 4 Units	2017	1/01- 1/26	1000	271	840	100.0	661	2704	197	30
6A/6B	2013	1/01- 1/24	500	332	500	95.5	434	1790	166	38
6A/6B	2014	1/01- 1/23	525	400	525	95.8	488	2193	88	18
6A/6B	2015	1/01- 1/22	525	437	525	95.9	436	1840	152	35
6A/6B/8	2016	1/01- 1/21	525	408	486	93.1	417	1823	117	28
6A/6B/8	2017	1/01- 1/26	525	419	525	92.8	400	1769	120	30
17/18B/19/20A	2013	1/01- 1/24	1500	988	1500	93.1	1293	5560	536	41
17/18B/19/20A	2014	1/01- 1/23	1500	936	1500	91.4	1286	6287	419	33
17/18B/19/20A	2015	1/01- 1/22	1500	1081	1500	92.5	1289	5856	394	31
17/18B/19 /20A	2016	1/01- 1/21	1500	981	1436	96.3	1229	5710	393	32
17/18B/19/20A	2017	1/01- 1/26	1500	1090	1500	96.5	1230	5330	405	33
20B	2013	1/01- 1/24	475	389	475	100.0	416	1745	89	21
20B	2014	1/01- 1/23	475	404	475	98.5	418	1783	91	22
20B	2015	1/01- 1/22	475	404	475	97.8	418	1783	77	18
20B	2016	1/01- 1/21	475	306	463	97.1	404	1568	98	24
20B	2017	1/01- 1/26	475	330	475	100.0	361	1534	100	28
20C	2013	1/01- 1/24	300	291	300	90.4	265	967	134	51
20C	2014	1/01- 1/23	300	346	300	86.1	273	1126	112	41
20C	2015	1/01- 1/22	325	388	325	83.3	277	1201	96	35
20C	2016	1/01- 1/21	325	356	320	87.6	272	1149	93	34
20C	2017	1/01- 1/26	325	379	351	89.2	282	1290	110	39
21	2013	1/01- 1/24	400	468	400	81.6	346	1269	84	24
21	2014	1/01- 1/23	400	454	400	83.5	338	1450	79	23
21	2015	1/01- 1/22	350	453	350	74.4	286	1186	73	26
21	2016	1/01- 1/21	350	435	349	74.5	293	1215	56	19

# Javelina Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
21	2017	1/01- 1/26	350	498	350	66.9	287	1020	76	26
22	2013	1/01- 1/24	450	425	450	80.7	391	1518	149	38
22	2014	1/01- 1/23	450	510	450	73.5	393	1755	114	29
22	2015	1/01- 1/22	450	512	450	72.5	379	1566	86	23
22	2016	1/01- 1/21	450	548	450	67.0	368	1501	110	30
22	2017	1/01- 1/26	450	612	450	64.4	395	1630	132	33
23	2013	1/01- 1/24	200	478	200	41.8	167	662	80	48
23	2014	1/01- 1/23	250	515	250	48.2	207	860	52	25
23	2015	1/01- 1/22	250	571	250	42.6	192	841	65	34
23	2016	1/01- 1/21	300	584	300	51.4	247	828	66	27
23	2017	1/01- 1/26	300	624	300	47.4	219	861	86	39
24A	2013	1/01- 1/24	125	215	125	50.7	115	428	60	52
24A	2014	1/01- 1/23	100	228	100	43.4	90	347	27	30
24A	2015	1/01- 1/22	100	207	100	45.9	88	391	36	41
24A	2016	1/01- 1/21	100	208	100	48.1	77	423	19	25
24A	2017	1/01- 1/26	100	199	100	50.3	85	345	35	41
24B	2013	1/01- 1/24	175	198	175	68.7	164	627	71	43
24B	2014	1/01- 1/23	175	242	175	61.6	156	719	46	29
24B	2015	1/01- 1/22	150	302	150	47.7	129	667	46	36
24B	2016	1/01- 1/21	150	259	150	55.2	133	655	40	30
24B	2017	1/01- 1/26	150	284	150	51.1	124	501	59	48
27	2013	1/01- 1/24	75	19	74	89.5	61	229	20	33
27	2014	1/01- 1/23	75	15	75	100.0	65	416	3	5
27	2015	1/01- 1/22	75	41	75	97.6	71	308	26	37
27	2016	1/01- 1/21	75	46	73	95.7	61	248	26	43
27	2017	1/01- 1/26	75	44	74	95.5	60	328	14	23
28/29/30/31/32	2013	1/01- 1/24	1200	429	897	99.3	762	3237	343	45
28/29/30/31/32	2014	1/01- 1/23	1200	400	868	99.0	744	3773	298	40
28/29/30/31/32	2015	1/01- 1/22	1200	401	925	100.0	837	3916	299	36
28/29/30/31/32	2016	1/01- 1/21	1200	423	900	99.5	796	3528	278	35
28/29/30/31/32	2017	1/01- 1/26	1200	377	897	99.7	770	3647	341	44
33/37B	2013	1/01- 1/24	1200	590	1202	95.6	1062	4545	317	30
33/37B	2014	1/01- 1/23	1200	690	1199	92.6	1027	5223	225	22
33/37B	2015	1/01- 1/22	1200	746	1200	97.3	1072	4724	295	28
33/37B	2016	1/01- 1/21	1200	680	1171	95.9	1041	4814	296	28
33/37B	2017	1/01- 1/26	1200	787	1200	95.8	1038	4652	342	33
34A/37A	2013	1/01- 1/24	700	262	697	96.6	607	2729	216	36
34A/37A	2014	1/01- 1/23	700	268	700	97.4	645	3252	166	26
34A/37A	2015	1/01- 1/22	700	328	700	97.6	623	2994	194	31
34A/37A	2016	1/01- 1/21	700	295	669	97.0	564	2571	184	33
34A/37A	2017	1/01- 1/26	700	287	700	97.9	610	2628	203	33
34B/35	2013	1/01- 1/24	300	107	202	91.6	186	777	89	48
34B/35	2014	1/01- 1/23	300	84	202	98.8	181	765	56	31
34B/35	2015	1/01- 1/22	300	106	189	95.3	168	815	72	43
34B/35	2016	1/01- 1/21	300	108	214	94.4	182	938	90	49
34B/35	2017	1/01- 1/26	300	116	196	91.4	163	748	75	46
36	2013	1/01- 1/24	800	133	435	100.0	394	2187	107	27
36	2014	1/01- 1/23	800	137	547	100.0	472	2561	150	32
36	2015	1/01- 1/22	800	191	542	100.0	498	3047	160	32
36	2016	1/01- 1/21	800	168	509	100.0	461	2494	146	32
36	2017	1/01- 1/26	800	266	622	99.3	559	2953	161	29
FTHU	2013	1/01- 1/31	16	15	14	86.7	0	0	0	-
FTHU	2014	1/01- 1/23	16	23	14	60.9	14	114	6	43
FTHU	2015	1/01- 1/22	13	27	13	48.2	0	0	0	-
FTHU	2016	1/31- 1/31	16	16	16	75.0	5	21	3	60
FTHU	2016	1/31- 1/31	30	0	6	-	6	74	5	83
FTHU	2017	1/01- 1/31	30	0	11	-	0	0	0	-

FTHU = Fort Huachuca

# Javelina Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates Authorized	Permits Authorized	1st Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter Days	Harvest	Hunt Success
<b>FALL YOUTH ONLY</b>										
16A	2013	10/04-10/13	30	13	30	100.0	15	45	0	0
16A	2014	11/21-11/30	30	18	26	77.8	22	78	4	18
16A	2015	11/20-11/29	30	18	30	100.0	23	47	10	43
16A	2016	11/18-11/27	30	26	30	100.0	23	70	10	43
17A/17B	2013	10/04-10/13	100	112	100	89.3	89	250	18	20
17B/19/20A	2014	10/03-10/12	200	191	200	91.6	162	536	9	6
17B/19/20A	2015	10/02-10/11	200	197	200	98.5	155	429	24	15
17B/19/20A	2016	10/07-10/16	200	214	200	93.0	155	410	19	12
18B	2013	11/22-12/01	75	89	75	75.3	55	164	32	58
18B	2014	11/21-11/30	75	100	75	75.0	56	139	19	34
18B	2015	11/20-11/29	75	108	75	69.4	75	216	38	51
18B	2016	11/18-11/27	75	82	75	91.5	59	146	36	61
20A	2013	10/04-10/13	75	103	75	72.8	55	162	4	7
28/29/30/31/32	2013	11/22-11/28	100	103	100	96.1	73	209	30	41
28/29/30/31/32	2014	11/21-11/27	100	86	100	97.7	57	168	11	19
28/29/30/31/32	2015	11/20-11/26	100	103	100	95.2	81	205	28	35
28/29/30/31/32	2016	11/18-11/24	100	81	80	90.1	57	109	34	60
33	2013	11/22-11/28	75	88	75	84.1	61	188	7	11
33	2014	11/21-11/27	75	77	75	89.6	56	164	9	16
33	2015	11/20-11/26	75	60	72	95.0	54	137	14	26
33	2016	11/18-11/24	75	60	75	96.7	52	178	5	10
34/35	2013	10/11-10/17	50	15	40	100.0	13	53	7	54
34/35	2013	11/22-11/28	50	17	32	100.0	18	28	0	0
34/35	2014	10/10-10/16	50	26	45	100.0	40	98	11	28
34/35	2014	11/21-11/27	50	19	31	89.5	18	58	9	50
34/35	2015	10/09-10/15	50	26	34	92.3	31	110	0	0
34/35	2015	11/20-11/26	50	25	27	100.0	27	57	11	41
34/35	2016	10/07-10/13	50	30	40	100.0	35	123	8	23
34/35	2016	11/18-11/24	50	16	26	93.8	17	43	9	53
36	2013	10/11-10/17	50	40	49	92.5	34	103	15	44
37	2013	10/11-10/17	100	62	100	96.8	68	164	23	34
37	2013	11/22-11/28	100	84	100	100.0	88	196	31	35
37	2016	10/07-10/13	100	71	97	90.1	79	220	12	15
37	2016	11/18-11/24	100	94	100	91.5	80	166	29	36
37	2014	10/10-10/16	100	61	100	95.1	82	188	18	22
37	2014	11/21-11/27	100	81	100	92.6	71	200	4	6
37	2015	11/09-10/15	100	76	100	100.0	96	271	21	22
37	2015	11/20-11/26	100	101	100	97.0	76	205	11	14
39/40	2014	11/07-11/16	25	13	18	100.0	18	59	0	0
39/41	2013	11/08-11/17	25	19	24	100.0	19	58	5	26

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# Bighorn Sheep (*Ovis canadensis*)

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## *Natural History*

Arizona's bighorn sheep population, consisting of both Rocky Mountain and desert subspecies, is currently estimated at about 5,000 animals—a severe reduction from the numbers thought to once be present. The causes for this decline, which occurred primarily between 1860 and 1920, were exposure to livestock-borne parasites and diseases. Now, thanks to livestock-free refuges and an aggressive translocation program, bighorn sheep numbers are gradually edging upward.

Desert bighorn sheep weights vary considerably between the sexes. Adult rams weigh 160 to 200 pounds, with a maximum weight of 225 pounds. Adult ewes range from 75 to 130 pounds and average 110 pounds. The biggest visual difference between the two sexes is the horns. Ewe horns are generally 10 to 13 inches long with a circumference of 3-6 inches. An adult ram's horns may measure up to 40 inches along the outside curl with a basal circumference between 13 and 16 inches. The horn core is honeycombed with chambers, or sinuses, which reduce the weight of the skull.

Newborn bighorn lambs weigh from 8 to 10 pounds, have dark eyes and fuzzy, dark-gray hair, and are active within minutes of birth. As the lambs mature, their eyes take on the characteristic amber color of the adult's eyes. After several months, they also take on the adult's pale buff to dark, chocolate-brown coloration. This overall coat color is accentuated by a white muzzle, a white rump patch, light-colored eye rings, and a white edging on the rear legs. The tail is black, bordered in white.

Bighorn sheep have a life expectancy of 10 to 12 years, but may attain an age of 17 years or older. Usually one, rarely two, lambs are born. The youngsters typically stay with their mothers until two years of age. The young rams then leave the nursery herds of ewes and lambs and join a bachelor herd. The adults usually remain segregated according to sex except during the summer breeding season, and sometimes during the spring with the sprouting of early vegetation.

Sexual maturity varies, both physiologically and behaviorally. Although rams as young as 6 months of age may be capable of breeding, they refrain due to the dominance

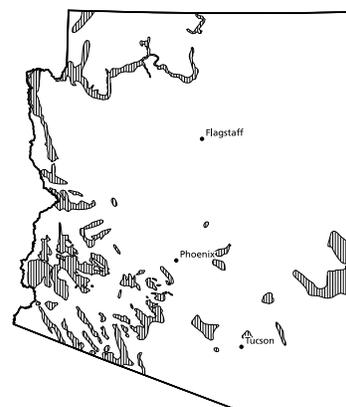
of older rams. Ewes do not breed until they are about two-years old, and rams usually not until at least three years of age. The breeding season extends from early June through October, but the peak rutting activity takes place in August. The gestation period is about six months, and most lambs are born in late winter or early spring.

Bighorn sheep are diurnal animals and are usually found in small groups, although herds of 50 or more are sometimes seen. Native grasses are important in the bighorn's diet, although the animals also feed heavily on jojoba and other woody plants. Pincushion, barrel, and saguaro cactuses provide needed moisture. Preferred plants vary with habitat quality, locality, and species availability. Mountain lions are the principal predator although golden eagles and bobcats have been observed taking lambs.

## *Hunt History*

Totally protected by the territorial legislature in 1893, bighorn sheep were not legal game in Arizona until 1953, when it was determined that the limited hunting of trophy rams might be the only way to save these animals.

Two limited hunts of 20 permits each were authorized, and 20 bighorn were taken. Since then, permit numbers, the number of units open to hunting, the number of rams taken, and hunt success have gradually increased. Between 80-100 rams, mostly desert bighorn, are now being taken each year. This number will only increase, however, when the disease problem and other limiting factors are brought under control.



**Bighorn distribution**

# Bighorn Survey Data

## Historic Summary of Desert Bighorn Sheep Survey Data

Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number Per 100 Ewes		
							Rams	Lambs	Yearlings
1951	56	46	30	0	9	141	122	65	0
1952	48	36	15	0	8	107	133	42	0
1953	59	48	24	0	17	148	123	50	0
1955	159	129	29	0	41	358	123	22	0
1956	95	129	29	0	4	257	74	22	0
1957	43	48	0	0	0	91	90	0	0
1958	43	77	34	0	3	157	56	44	0
1959	15	46	10	26	5	102	33	22	57
1960	26	57	29	13	0	125	46	51	23
1961	47	106	46	1	0	200	44	43	1
1962	59	104	43	7	8	221	57	41	7
1963	47	109	48	6	8	218	43	44	6
1964	57	181	90	0	18	346	31	50	0
1965	75	134	69	0	41	319	56	51	0
1966	111	228	89	0	13	441	49	39	0
1967	109	341	145	0	46	641	32	43	0
1968	143	382	207	0	0	732	37	54	0
1969	142	407	152	0	2	703	35	37	0
1970	142	464	182	0	9	797	31	39	0
1971	131	264	138	0	20	553	50	52	0
1972	132	275	107	0	26	540	48	39	0
1973	95	214	76	0	7	392	44	36	0
1974	119	288	137	0	10	554	41	48	0
1975	213	418	170	0	12	813	51	41	0
1976	261	542	240	0	4	1047	48	44	0
1977	304	567	269	0	30	1170	54	47	0
1978	343	604	284	0	29	1260	57	47	0
1979	310	713	306	0	39	1368	43	43	0
1980	443	1073	459	0	3	1978	41	43	0
1981	374	775	272	0	1	1422	48	35	0
1982	478	892	301	0	9	1680	54	34	0
1983	554	934	278	0	4	1770	59	30	0
1984	527	819	212	173	0	1731	64	26	21
1985	590	1026	308	164	3	2091	58	30	16
1986	652	1137	383	220	2	2394	57	34	19
1987	648	1102	450	257	0	2457	59	41	23
1988	711	1306	470	259	0	2746	54	36	20
1989	571	1095	291	183	0	2140	52	27	17
1990	655	980	303	187	4	2129	67	31	19
1991	562	1008	301	190	9	2070	56	30	19
1992	696	1124	283	209	7	2319	62	25	19
1993	686	1051	264	167	5	2173	65	25	16
1994	789	1502	298	241	8	2838	53	20	16
1995	624	1224	299	107	6	2260	51	24	9
1996	474	870	134	96	4	1578	54	15	11
1997	742	1375	402	134	1	2654	54	29	10
1998	325	733	152	97	3	1310	44	21	13
1999	344	660	132	102	2	1240	52	20	15
2000	404	803	197	109	5	1518	50	25	14
2001	366	812	322	90	5	1595	45	40	11
2002	249	443	103	73	5	874	56	23	16
2003	288	739	224	84	3	1338	39	30	11
2004	197	443	179	43	1	863	44	40	10
2005	213	388	110	54	11	776	55	28	14
2006	381	635	154	71	8	1249	60	24	11
2007	396	690	215	93	9	1403	57	31	13
2008	433	764	260	99	7	1563	57	34	13
2009	516	980	323	115	1	1935	53	33	12
2010	414	773	195	154	1	1537	54	25	20
2011	493	954	312	97	3	1859	52	33	10
2012	701	1301	358	176	7	2543	54	28	14
2013	472	935	246	67	2	1722	50	26	7
2014	1004	1667	490	263	32	3456	60	29	16
2015	897	1569	445	173	8	2381	57	28	11
2016	515	944	177	147	16	1799	55	19	16

## Bighorn Survey Data

### *Historic Summary of Rocky Mountain Bighorn Sheep Survey Data*

Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number Per 100 Ewes		
							Rams	Lambs	Yearlings
1984	20	26	25	13	0	84	77	96	50
1985	16	22	9	3	0	50	73	41	14
1986	56	65	36	42	0	199	86	55	65
1987	54	54	14	40	76	238	100	26	74
1988	40	66	35	40	0	181	61	53	61
1989	50	69	41	50	0	210	72	59	72
1990	62	109	34	23	0	228	57	31	21
1991	43	68	27	18	0	156	63	40	26
1992	65	129	72	36	0	302	50	56	28
1993	75	157	82	18	0	332	48	52	11
1994	101	186	77	19	0	383	54	41	10
1995	68	171	82	24	0	345	40	48	14
1996	72	201	45	31	0	349	36	22	15
1997	71	150	69	20	12	322	47	46	13
1998	102	162	72	30	3	369	63	44	19
1999	65	188	71	25	0	349	35	38	13
2000	70	202	61	17	2	352	35	30	8
2001	75	190	60	11	0	336	39	32	6
2002	84	184	60	29	2	359	46	33	16
2003	11	25	5	2	0	43	44	20	8
2004	45	84	32	8	0	169	54	38	10
2005	89	155	49	17	38	348	57	32	11
2006	83	172	65	9	2	331	48	38	5
2007	59	115	62	17	0	253	51	54	15
2008	117	296	119	44	1	577	40	40	15
2009	52	95	46	7	9	209	55	48	7
2010	48	126	44	22	0	240	38	35	17
2011	97	255	97	21	0	470	38	38	8
2012	157	240	88	34	3	522	65	37	14
2013	43	47	12	0	0	102	91	26	0
2014	130	300	112	50	4	596	43	37	17
2015	128	249	67	26	15	373	51	27	10
2016	90	179	68	17	1	355	50	38	10

### *Historic Summary of Combined Bighorn Sheep Survey Data*

Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number Per 100 Ewes		
							Rams	Lambs	Yearlings
1984	547	845	237	186	0	1815	65	28	22
1985	606	1048	317	167	3	2141	58	30	16
1986	708	1202	419	262	2	2593	59	35	22
1987	702	1156	464	297	76	2695	61	40	26
1988	751	1372	505	299	0	2927	55	37	22
1989	621	1164	332	233	0	2350	53	29	20
1990	717	1089	337	210	4	2357	66	31	19
1991	605	1076	328	208	9	2226	56	30	19
1992	761	1253	355	245	7	2621	61	28	20
1993	761	1208	346	185	5	2505	63	29	15
1994	890	1688	375	260	8	3221	53	22	15
1995	692	1395	381	131	6	2605	50	27	9
1996	546	1071	179	127	4	1927	51	17	12
1997	813	1525	471	154	13	2976	53	31	10
1998	427	895	224	127	6	1679	48	25	14
1999	409	848	203	127	2	1589	48	24	15
2000	474	1005	258	126	7	1870	47	26	13
2001	441	1002	382	101	5	1931	44	38	10
2002	333	627	163	102	8	1233	53	26	16
2003	299	764	229	86	3	1381	39	30	11
2004	242	527	211	51	1	1032	46	40	10
2005	302	543	159	71	49	1124	56	29	13
2006	464	807	219	80	10	1580	58	27	10
2007	455	805	277	110	9	1656	57	34	14
2008	550	1060	379	143	8	2140	52	36	13

## Bighorn Survey Data

### *Historic Summary of Combined Bighorn Sheep Survey Data*

Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number Per 100 Ewes		
							Rams	Lambs	Yearlings
2009	568	1075	369	122	10	2144	53	34	11
2010	462	899	238	176	1	1777	51	27	20
2011	590	1209	409	118	1	2329	49	34	10
2012	858	1541	446	210	10	3065	56	29	14
2013	515	982	258	67	2	1824	52	26	7
2014	1134	1967	602	313	36	4052	58	31	16
2015	1025	1818	512	199	23	3577	56	28	11
2016	605	1123	245	164	17	2154	54	22	15

### *5-Year: 2012-2016 Desert Bighorn Sheep Survey Data*

Unit	Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number per 100 Ewes		
								Rams	Lambs	Yearlings
10	2015	16	39	12	2	0	69	41	31	5
12A/12B West	2013	21	22	7	1	0	51	95	32	5
12A/12B West	2014	8	13	3	3	0	27	62	23	23
12B East	2014	29	73	35	1	0	138	40	48	1
13A	2013	12	26	13	1	0	52	46	50	4
13A	2014	12	12	5	6	0	35	100	42	50
13B North	2014	20	57	6	5	0	88	35	11	9
13B South	2014	5	24	5	2	0	36	21	21	8
15A/15B East	2014	4	11	3	0	1	19	36	27	0
15B West	2012	68	107	50	16	0	241	64	47	15
15B West	2013	50	105	30	11	0	196	48	29	10
15B West	2014	39	86	27	5	6	163	45	31	6
15B West	2015	41	83	34	9	0	167	49	41	11
15B West	2016	23	71	8	0	0	102	32	11	0
15C North	2012	62	103	31	7	0	203	60	30	7
15C North	2013	38	91	23	10	0	162	42	25	11
15C North	2015	10	27	6	3	0	46	37	22	11
15C North	2016	11	42	1	1	0	55	26	2	2
15C South	2012	27	39	7	1	0	74	69	18	3
15C South	2013	13	27	11	1	0	52	48	41	4
15C South	2015	9	2	1	0	0	12	450	50	0
15C South	2016	6	9	0	0	0	15	67	0	0
15D	2012	137	273	77	0	0	487	50	28	0
15D	2013	124	322	80	0	0	526	39	25	0
15D	2014	116	195	49	14	0	374	59	25	7
15D	2015	171	293	96	20	0	580	58	33	7
15D	2016	90	110	4	0	0	204	82	4	0
15D North	2014	72	134	27	11	0	244	54	20	8
15D South	2014	45	62	22	3	0	132	73	35	5
16A	2013	1	3	0	1	0	5	33	0	33
16A	2014	9	20	3	0	0	32	45	15	0
16A	2015	7	29	6	0	0	42	24	21	0
16A	2016	2	4	2	0	0	8	50	50	0
16A South	2014	1	3	0	1	0	5	33	0	33
16A South	2015	7	29	6	0	0	42	24	21	0
16A South	2016	7	19	9	1	0	36	37	47	5
16B	2014	8	14	10	2	0	34	57	71	14
18B	2012	11	21	9	1	0	42	52	43	5
18B	2013	23	37	8	6	0	74	62	22	16
18B	2014	22	48	10	0	1	81	46	21	0
18B	2016	18	49	13	1	0	81	37	27	2
22	2012	57	76	27	16	3	179	75	36	21
22	2015	37	74	20	2	0	133	50	27	3
24B	2012	44	69	20	12	0	145	64	29	17
24B	2015	47	95	25	8	0	175	49	26	8
28 South	2013	15	22	8	4	0	49	68	36	18
28 South	2016	22	37	8	2	0	69	59	22	5
31/32	2012	12	19	8	3	0	42	63	42	16
31/32	2013	17	34	14	8	0	73	50	41	24
31/32	2014	19	30	7	7	0	63	63	23	23

## Bighorn Survey Data

5-Year: 2012-2016 Desert Bighorn Sheep Survey Data (continued)

Unit	Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number per 100 Ewes		
								Rams	Lambs	Yearlings
31/32	2015	30	43	14	8	0	95	70	33	19
33	2015	3	16	7	1	0	27	19	44	6
33	2016	11	22	0	4	0	37	50	0	18
37A	2014	20	59	33	20	1	133	34	56	34
37A	2015	40	77	17	33	0	167	52	22	43
37A	2016	55	85	5	33	3	181	65	6	39
37B	2012	14	24	10	4	0	52	58	42	17
37B	2013	19	28	8	3	0	58	68	29	11
37B	2014	8	16	5	0	0	29	50	31	0
37B	2015	33	64	12	2	00	111	52	19	3
39	2013	9	11	2	1	0	23	82	18	9
39 East	2012	14	21	5	7	0	47	67	24	33
39 East	2015	20	18	8	4	0	50	111	44	22
39 East	2016	5	4	0	3	0	12	125	0	75
39 West	2012	21	33	11	5	0	70	64	33	15
39 West	2015	19	41	5	9	0	74	46	12	22
40A	2011	14	25	8	4	0	51	56	32	16
40A	2014	14	25	3	5	0	47	56	12	20
40A North	2011	7	9	3	0	0	19	78	33	0
40A North	2014	5	6	0	0	0	11	83	0	0
40A South	2011	7	16	5	4	0	32	44	31	25
40A South	2014	9	19	3	5	0	36	47	16	26
40B East	2012	9	13	3	1	0	26	69	23	8
40B West	2012	57	88	18	21	2	186	65	20	24
40B West Gila Mtns	2015	32	42	6	3	3	86	75	14	7
40B West Mohawk	2015	21	31	3	1	1	57	68	10	3
40B West Tinajas	2015	21	27	5	4	2	59	78	19	15
41 North Gila Mtns	2014	2	12	3	3	0	20	17	25	25
41 East	2012	18	42	9	6	0	75	43	21	14
41 East	2015	25	59	20	8	0	112	42	34	14
41 West	2012	13	29	8	4	1	55	45	28	14
41 West	2015	23	30	3	5	0	61	77	10	17
42	2012	7	28	6	3	0	44	25	21	11
42	2013	16	25	5	4	0	50	64	20	16
42	2016	4	15	2	1	0	22	27	13	7
42/44A East	2016	14	28	5	4	0	51	50	18	14
43A	2013	17	24	4	3	1	49	71	17	13
43A	2016	11	23	7	4	0	45	48	30	17
43B	2013	68	127	24	9	1	229	54	19	7
43B	2016	38	100	17	19	3	177	38	17	19
43B Laguna Mtns	2014	5	8	3	1	0	17	63	38	13
44A East	2013	24	25	8	4	0	61	96	32	16
44A East	2016	22	25	8	5	0	60	88	32	20
44AE South	2013	3	7	2	1	0	13	43	29	14
44AE South	2016	10	13	3	3	0	29	77	23	23
44A West	2013	5	6	1	0	0	12	83	17	0
44A West	2016	3	10	4	4	0	21	30	40	40
44B North	2014	41	73	16	13	1	144	56	22	18
44B North	2016	37	68	19	13	7	144	54	28	19
44B South	2014	24	30	11	11	0	76	80	37	37
45A	2012	24	60	19	13	0	116	40	32	22
45A	2014	48	85	16	18	2	169	56	19	21
45A	2015	60	103	28	16	0	207	58	27	16
45A	2016	51	83	25	17	3	179	61	30	20
45B	2012	16	28	5	6	1	56	57	18	21
45B	2014	28	37	8	7	2	82	76	22	19
45B	2015	25	34	5	4	0	68	71	15	12
45B	2016	32	36	13	8	0	89	89	36	22
45C	2012	25	64	10	13	0	112	39	16	20
45C	2014	28	47	9	6	3	93	60	19	13
45C	2015	36	49	16	11	2	114	73	33	22
45C	2016	29	63	19	20	0	131	46	30	32
46AE	2011	14	20	4	3	0	41	70	20	15

## Bighorn Survey Data

### *5-Year: 2012-2016 Desert Bighorn Sheep Survey Data (continued)*

Unit	Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number per 100 Ewes		
								Rams	Lambs	Yearlings
46AE	2014	21	20	10	5	2	58	105	50	25
46AW	2011	12	22	10	4	0	48	55	45	18
46AW	2014	22	35	10	5	0	72	63	29	14
46BE	2011	26	42	6	3	0	77	62	14	7
46BE	2014	38	44	16	14	3	115	86	36	32
46BW	2011	51	54	14	15	0	134	94	26	28
46BW	2014	40	57	20	14	0	131	70	35	25

### *5-Year: 2012-2016 Rocky Mountain Bighorn Sheep Survey Data*

Unit	Year	Ram	Ewe	Lamb	Yearling	Unclassified	Total	Number per 100 Ewes		
								Rams	Lambs	Yearlings
1/27 North	2012	15	40	20	6	0	81	38	50	15
1/27 North	2013	11	7	2	0	0	20	157	29	0
1/27 North	2014	8	56	20	8	2	94	14	36	14
1/27 North	2015	5	29	13	8	4	59	17	45	28
1/27 North	2016	15	86	33	8	1	143	17	38	9
6A	2012	26	59	18	0	0	103	44	31	0
6A/22 North	2014	23	34	20	2	2	81	68	59	6
6A/22 North	2015	21	22	2	0	0	45	95	9	0
27	2012	17	12	7	3	0	39	142	58	25
27 North	2012	20	44	14	5	0	83	45	32	11
27 North	2013	18	22	5	0	0	45	82	23	0
27 North	2014	53	76	20	8	0	157	70	26	11
27 North	2015	43	49	9	4	1	106	88	18	8
27 North	2016	46	60	17	6	0	129	77	28	10
27 South	2012	22	9	2	4	0	37	244	22	44
27 South	2013	14	18	5	0	0	37	78	28	0
27 South	2015	1	5	3	2	0	11	20	60	40
27 South	2016	25	31	16	3	0	75	81	52	10
27 South/28 North	2014	46	134	52	32	0	264	34	39	24
27 South/28 North	2015	58	144	40	12	10	264	40	28	8
28	2016	4	2	2	0	0	8	200	100	0

## Bighorn Hunt Data

### *Historic Summary of Bighorn Sheep Hunts<sup>1</sup>*

Year	Permits Authorized	1st Choice Applicants	Permits Issued	Hunters	Hunter Days	Total Harvest	Percent Success
1953	37	–	37	37	218	20	54.1
1954	20	–	20	19	103	12	63.2
1955	20	–	20	20	132	5	25.0
1956	20	–	20	19	112	6	31.6
1957	20	–	20	20	130	6	30.0
1958	40	–	40	37	–	18	48.6
1959	65	–	65	62	–	19	30.6
1960	80	–	80	80	–	24	30.0
1961	85	–	85	84	–	26	31.0
1962	90	–	90	89	–	27	30.3
1963	81	–	81	79	–	32	40.5
1964	78	–	78	76	–	25	32.9
1965	90	573	90	83	–	42	50.6
1966	84	601	84	84	–	35	41.7
1967	84	888	84	83	–	31	37.3
1968	81	1170	81	77	–	47	61.0
1969	86	1376	86	84	–	42	50.0
1970	79	1540	79	76	–	39	51.3
1971	82	1658	82	79	–	29	36.7
1972	71	1454	71	71	–	34	47.9
1973	65	1397	65	62	–	37	59.7
1974	57	1361	57	55	–	36	65.5
1975	54	1203	54	51	391	30	58.8
1976	55	1461	55	55	344	40	72.7
1977	51	1630	51	51	331	44	86.3
1978	52	1842	52	48	235	39	81.3
1979	52	1937	52	52	341	41	78.8
1980	50	2230	50	50	343	39	78.0
1981	45	2635	45	43	293	34	79.1
1982	42	2585	42	42	224	36	85.7
1983	48	2159	48	47	233	44	93.6
1984	55	2259	55	55	349	51	92.7
1985	56	2461	56	56	306	52	92.9
1986	65	2699	65	64	358	56	87.5
1987	72	3065	72	72	370	68	94.4
1988	78	3281	78	78	361	75	96.2
1989	82	3693	82	81	442	74	91.4
1990	78	3734	78	77	425	68	88.3
1991	85	4174	85	84	497	78	92.9
1992	82	4407	83	83	441	74	89.2
1993	99	4946	99	99	501	92	92.9
1994	112	5673	112	109	580	100	91.7
1995	113	6256	114	114	622	109	95.6
1996	108	6843	108	108	754	100	92.6
1997	99	7077	99	99	721	92	92.9
1998	109	7790	109	109	907	98	89.9
1999	111	8408	111	110	745	104	94.5
2000	105	8471	106	106	691	101	95.3
2001	105	8767	105	104	748	96	92.3
2002	104	13013	105	101	674	92	91.1
2003	99	16049	99	95	764	87	91.6
2004	84	18927	84	84	663	68	80.9
2005	82	11266	82	81	681	73	90.1
2006	96	16332	96	95	673	87	91.6
2007	99	10930	99	97	698	92	94.8
2008	93	9017	94	94	702	86	91.5
2009	90	8500	90	89	533	87	97.8
2010	100	8206	100	100	589	92	92.0
2011	99	8315	99	99	589	96	97.0
2012	98	12233	96	96	556	96	100.0
2013	109	13488	109	107	652	103	96.0
2014	107	14236	104	103	640	102	99.0
2015	120	15758	120	119	760	115	97.0
2016	107	16314	107	105	634	103	98.0

# Bighorn Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter-Days	Harvest	Hunt Success
1/27	2015	11/01-11/30	1	166	122	1	0.6	1	7	1	100
1/27	2016	11/01-11/30	1	180	106	1	0.6	1	1	1	100
6A	2012	12/01-12/31	2	650	299	2	0.3	2	3	2	100
6A (early)	2013	12/01-12/15	2	694	323	2	0.3	2	6	2	100
6A (late)	2013	12/16-12/31	2	196	620	2	0.5	2	2	2	100
6A/22 North (early)	2014	12/01-12/15	2	932	374	2	0.2	2	13	2	100
6A/22 North (early)	2016	11/18-12/08	2	1056	559	2	0.1	2	3	2	100
6A/22 North (late)	2014	12/16-12/31	2	269	766	2	0.0	2	3	2	100
6A/22 North (late)	2016	12/09-12/31	2	748	1053	2	0.1	2	3	2	100
6A/22 North	2015	12/01-12/31	4	1439	717	4	0.3	4	10	4	100
9/10	2012	10/01-12/31	1	67	47	1	1.5	1	4	1	100
9/10	2013	10/01-12/31	1	65	46	1	0.0	1	5	1	100
9/10	2014	10/01-12/31	1	64	57	1	1.6	1	4	1	100
9/10	2015	12/01-12/31	1	90	50	1	0.0	1	4	1	100
9/10	2016	10/01-12/31	1	113	59	1	0.0	1	1	1	100
12A/12B West	2012	12/01-12/31	1	52	57	1	1.9	1	1	1	100
12A/12B West	2013	12/01-12/31	1	43	49	1	2.3	1	6	1	100
12A/12B West	2014	12/01-12/31	1	52	49	1	1.9	1	3	1	100
12A/12B West	2015	12/01-12/31	1	54	58	1	1.9	1	6	1	100
12A/12B West	2016	12/01-12/31	1	70	64	1	1.4	1	6	1	100
12B East	2012	12/01-12/31	3	347	324	3	0.6	3	16	3	100
12B East	2013	12/01-12/31	3	261	233	3	1.1	3	12	3	100
12B East	2014	12/01-12/31	3	203	202	3	0.5	2	26	2	100
12B East	2015	12/01-12/31	4	321	388	4	0.6	4	24	4	100
12B East	2016	12/01-12/31	4	460	556	4	0.4	4	23	3	75
13A	2012	12/01-12/31	1	43	58	1	0.0	1	1	1	100
13A	2013	12/01-12/31	1	61	62	1	1.6	1	12	0	0
13A	2014	12/01-12/31	1	61	55	1	1.6	1	13	1	100
13A	2015	12/01-12/31	1	59	50	1	1.7	1	4	1	100
13A	2016	12/01-12/31	1	84	82	1	0.0	1	4	1	100
13B North	2012	12/01-12/31	3	430	358	3	0.5	3	5	3	100
13B North	2013	12/01-12/31	3	448	269	3	0.7	3	38	2	67
13B North	2014	12/01-12/31	3	403	295	3	0.7	2	6	2	100
13B North	2015	12/01-12/31	3	478	336	3	0.4	3	27	3	100
13b North	2016	12/01-12/31	3	729	419	3	0.0	3	16	3	100
13B South	2012	11/16-12/31	1	28	52	1	3.6	1	8	1	100
13B South	2013	11/16-12/31	1	32	68	1	3.1	1	14	1	100
13B South	2014	11/16-12/31	1	25	39	1	0.0	1	8	0	0
13B South	2015	11/16-12/31	1	36	46	1	0.0	1	6	0	0
13B South	2016	11/16-12/31	1	38	62	1	0.0	1	1	1	100
15A/15B East	2012	12/01-12/31	1	28	47	1	0.0	1	9	1	100
15B West	2012	12/01-12/31	2	95	179	2	1.1	2	23	2	100
15B West	2013	12/01-12/31	4	279	347	4	0.4	4	24	4	100
15B West	2014	12/01-12/31	3	184	245	3	1.1	3	11	3	100
15B West	2015	12/01-12/31	3	164	253	3	0.6	3	17	3	100
15B West	2016	12/01-12/31	1	96	57	1	1.0	1	4	1	100
15C North	2012	12/01-12/31	6	445	807	6	0.7	6	14	6	100
15C North	2013	12/01-12/31	6	989	763	6	0.5	5	26	5	100
15C North	2014	12/01-12/31	3	328	281	3	0.9	3	21	3	100
15C North	2015	12/01-12/31	3	255	193	3	0.8	3	5	3	100
15C North	2016	12/01-12/31	1	88	121	1	0.0	1	1	1	100
15C South	2012	12/01-12/31	2	126	319	2	0.8	2	3	2	100
15C South	2013	12/01-12/31	2	104	172	2	0.0	2	2	2	100
15C South	2014	12/01-12/31	2	192	335	2	0.5	2	13	2	100
15C South	2015	12/01-12/31	2	161	296	2	0.6	2	14	2	100
15C South	2016	12/01-12/31	1	45	111	1	2.2	1	8	1	100
15D	2012	12/01-12/31	9	1311	867	9	0.5	9	46	8	89
15D North	2013	11/22-12/11	5	807	622	5	0.5	5	10	5	100
15D North	2013	12/12-12/31	6	637	899	6	0.3	6	19	6	100
15D North	2014	12/01-12/31	8	2023	1066	8	0.3	8	39	8	100
15D North	2015	12/01-12/31	8	2125	1184	8	0.3	8	25	8	100
15D North	2016	12/01-12/31	6	1127	769	6	0.4	6	44	6	100
15D South	2013	12/01-12/31	4	166	253	4	1.8	4	19	4	100

## Bighorn Harvest Data

5-Year: 2012-2016 Harvest (continued)

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter-Days	Harvest	Hunt Success
15D South	2014	12/01-12/31	4	308	839	4	0.3	4	33	4	100
15D South	2015	12/01-12/31	4	359	939	4	0.6	4	20	4	100
16A	2012	12/01-12/31	2	185	128	2	0.0	2	10	2	100
16A	2013	12/01-12/31	2	190	118	2	0.5	2	6	2	100
16A	2014	12/01-12/31	3	315	268	3	0.0	3	5	3	100
16A	2015	12/01-12/31	3	154	250	3	0.6	3	44	2	67
16A	2016	12/01-12/31	2	104	259	2	1.0	2	19	2	100
16AS/18B	2016	12/01-12/31	1	69	65	1	1.4	1	2	1	100
16B	2012	12/01-12/31	2	68	145	2	1.5	2	6	2	100
16B	2013	12/01-12/31	2	149	247	2	0.7	2	18	2	100
16B	2014	12/01-12/31	2	131	142	2	1.5	2	6	2	100
16B	2015	12/01-12/31	1	42	54	1	2.4	1	3	1	100
16B	2016	12/01-12/31	1	64	66	1	1.6	1	2	1	100
18B	2013	12/01-12/31	1	55	20	1	0.0	1	2	1	100
18B	2014	12/01-12/31	1	59	40	1	0.0	1	7	1	100
18B	2015	12/01-12/31	1	38	44	1	2.6	1	1	1	100
22	2012	12/01-12/31	3	1642	457	3	0.2	3	5	3	100
22	2013	12/01-12/31	3	1775	467	3	0.2	3	27	3	100
22	2014	12/01-12/31	3	1761	471	3	0.1	3	11	3	100
22	2015	12/01-12/31	4	1868	669	4	0.2	4	51	3	75
22	2016	12/01-12/31	2	1537	528	2	0.1	2	4	2	100
23/24A	2015	12/01-12/31	1	156	184	1	0.0	1	3	1	100
23/24A	2016	12/01-12/31	1	181	129	1	0.6	1	16	1	100
24B Superstition Wild.	2013	12/01-12/31	1	142	144	1	0.7	1	21	1	100
24B Superstition Wild.	2014	12/01-12/31	1	140	129	1	0.0	1	12	1	100
24B Superstition Wild.	2015	12/01-12/31	1	222	165	1	0.0	1	5	1	100
24B Superstition Wild.	2016	12/01-12/31	1	236	137	1	0.0	1	12	1	100
24B North	2012	12/01-12/31	1	223	253	1	0.4	1	16	1	100
24B North	2013	12/01-12/31	1	183	274	1	0.5	1	20	1	100
24B North	2014	12/01-12/31	1	167	275	1	0.6	1	9	1	100
24B North	2015	12/01-12/31	1	156	290	1	0.0	1	3	1	100
24B North	2016	12/01-12/31	1	203	293	1	0.0	0	0	0	-
24B South	2012	12/01-12/31	1	232	242	1	0.4	1	19	1	100
24B South	2013	12/01-12/31	2	376	505	2	0.3	2	7	2	100
24B South	2014	12/01-12/31	2	745	617	2	0.3	2	16	2	100
24B South	2015	12/01-12/31	2	413	589	2	0.2	2	14	2	100
24B South	2016	12/01-12/31	1	210	228	1	0.5	1	13	1	100
27 Bear Canyon	2012	12/01-12/31	1	90	125	1	1.1	1	5	1	100
27 Upper Blue River	2013	12/01-12/31	2	296	267	2	0.7	2	5	2	100
27 Upper Blue River	2014	12/01-12/31	3	363	418	3	0.6	3	46	2	67
27 Upper Blue River	2015	12/01-12/31	5	531	710	5	0.8	5	30	5	100
27 Lower Blue River	2012	12/01-12/31	1	59	102	1	1.7	1	1	1	100
27 Lower Blue River	2013	12/01-12/31	3	288	351	3	0.7	2	5	2	100
27 Lower Blue River	2014	12/01-12/31	3	316	410	3	0.6	3	14	3	100
27 Lower Blue River	2015	12/01-12/31	2	139	285	2	1.4	2	11	2	100
27/28	2016	11/18-12/08	3	393	520	3	0.0	3	9	3	100
27/28	2016	12/09-12/31	2	269	670	2	0.4	2	14	2	100
27N Foote Creek	2012	12/01-12/31	3	492	333	3	0.2	3	13	2	67
27N Upper Blue	2016	11/18-12/08	3	435	327	3	0.7	3	18	3	100
27N	2016	12/09-12/31	2	199	357	2	1.0	2	14	2	100
27S/28N (early)	2012	12/01-12/15	3	649	526	3	0.5	3	11	3	100
27S/28N (late)	2012	12/16-12/31	3	323	898	3	0.6	3	27	3	100
27S/28N (early)	2013	12/01-12/15	4	761	576	4	0.4	4	17	4	100
27S/28N (late)	2013	12/16-12/31	3	225	618	3	0.4	3	8	3	100
27S/28N (early)	2014	12/01-12/15	4	645	439	4	0.6	3	11	3	100
27S/28N (late)	2014	12/16-12/31	3	187	618	3	1.6	3	8	3	100
27S/28N	2015	12/01-12/31	5	621	788	5	0.6	5	24	5	100
28 Peloncillo Mtns	2012	12/01-12/31	1	78	91	1	1.3	1	2	1	100
28 Peloncillo Mtns	2013	12/01-12/31	1	123	95	1	0.0	1	2	1	100
28 Peloncillo Mtns	2014	12/01-12/31	1	137	104	1	0.0	1	3	1	100
28 Peloncillo Mtns	2015	12/01-12/31	1	132	116	1	0.8	1	1	1	100
28 Peloncillo Mtns	2016	12/01-12/31	1	156	113	1	0.6	0	0	0	-
31/32	2012	12/01-12/31	3	1172	922	3	0.3	3	7	3	100

# Bighorn Harvest Data

5-Year: 2012-2015 Harvest (continued)

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter-Days	Harvest	Hunt Success
31/32	2013	12/01-12/31	2	890	486	2	0.2	2	14	2	100
31/32	2014	12/01-12/31	2	609	401	2	0.3	2	12	2	100
31/32	2015	12/01-12/31	2	551	348	2	0.4	2	6	2	100
31/32	2016	12/01-12/31	3	859	677	3	0.1	3	46	3	100
37A	2012	12/01-12/31	1	322	154	1	0.3	1	3	1	100
37A	2013	12/01-12/31	2	399	285	2	0.3	2	18	2	100
37A	2014	12/01-12/31	1	280	119	1	0.0	1	8	1	100
37A	2015	12/01-12/31	2	654	414	2	0.3	2	8	2	100
37A	2016	12/01-12/31	2	715	580	2	0.1	2	10	2	100
37B	2013	12/01-12/31	1	170	132	1	0.6	1	4	1	100
37B	2014	12/01-12/31	1	119	141	1	0.8	1	1	1	100
37B	2015	12/01-12/31	1	124	170	1	0.0	1	11	1	100
37B	2016	12/01-12/31	1	180	183	1	0.6	1	1	1	100
39	2016	12/01-12/31	1	70	62	1	0.0	1	1	1	100
39 West	2012	12/01-12/31	2	214	149	2	0.9	2	8	2	100
39 West	2013	12/01-12/31	2	248	207	2	0.4	2	17	2	100
39 West	2014	12/01-12/31	2	212	252	2	0.9	2	21	2	100
39 West	2015	12/01-12/31	2	221	187	2	0.5	2	4	2	100
39 East	2013	12/01-12/31	1	44	51	1	0.0	1	9	1	100
39 East	2014	12/01-12/31	1	42	55	1	2.4	1	15	1	100
39 East	2015	12/01-12/31	1	46	67	1	0.0	1	2	1	100
39 East	2016	12/01-12/31	2	170	230	2	0.6	2	18	2	100
40A	2014	12/01-12/31	1	60	32	1	1.7	1	26	1	100
40A	2015	12/01-12/31	2	116	103	2	1.7	2	28	2	100
40A	2016	12/01-12/31	2	280	206	2	0.7	2	34	2	100
40B W Gila Mtns	2012	12/01-12/31	2	92	155	2	1.1	2	8	2	100
40B W Gila Mtns	2013	12/01-12/31	2	89	238	2	1.1	2	43	1	50
40B W Gila Mtns	2014	12/01-12/31	2	143	206	2	0.0	2	10	2	100
40B W Gila Mtns	2015	12/01-12/31	2	134	141	2	0.7	2	9	2	100
40B W Gila Mtns	2016	12/01-12/31	4	263	434	4	0.4	4	13	4	100
40B W Mohawk/Copper	2012	12/01-12/31	2	99	211	2	1.0	2	22	2	100
40B W Mohawk/Copper	2013	12/01-12/31	3	204	352	3	1.0	3	26	3	100
40B W Mohawk/Copper	2014	12/01-12/31	3	174	354	3	0.6	3	10	3	100
40B W Mohawk/Cooper	2015	12/01-12/31	3	166	315	3	1.2	3	38	3	100
40B W Mohawk/Cooper	2016	12/01-12/31	2	95	171	2	.21	2	12	2	100
40B W Tinajas Atlas	2012	12/01-12/31	2	217	192	2	0.5	2	11	2	100
40B W Tinajas Atlas	2013	12/01-12/31	1	46	66	1	2.2	1	3	1	100
40B W Tinajas Atlas	2014	12/01-12/31	1	46	60	1	2.2	1	2	1	100
40B W Tinajas Atlas	2015	12/01-12/31	1	60	75	1	1.7	1	1	1	100
40B W Tinajas Atlas	2016	12/01-12/31	2	151	202	2	0.0	2	8	2	100
41E	2012	12/01-12/31	2	198	168	2	1.0	2	32	2	100
41E	2013	12/01-12/31	1	66	75	1	1.5	1	4	1	100
41E	2014	12/01-12/31	1	95	90	1	1.1	1	9	1	100
41E	2015	12/01-12/31	1	101	88	1	0.0	1	6	1	100
41E	2016	12/01-12/31	2	159	183	2	1.3	2	43	1	50
41W	2012	12/01-12/31	2	44	136	2	0.0	2	5	2	100
41W	2013	12/01-12/31	1	34	60	1	0.0	1	3	1	100
41W	2014	12/01-12/31	1	32	62	1	3.1	1	5	1	100
41W	2015	12/01-12/31	1	43	60	1	2.3	1	8	1	100
41W	2016	12/01-12/31	2	169	289	2	0.6	2	18	2	100
42	2013	12/01-12/31	1	71	61	1	1.4	1	1	1	100
42/44A South	2014	12/01-12/31	2	233	172	2	0.4	1	6	2	200
42/44A South	2015	12/01-12/31	2	240	148	2	0.8	2	45	1	50
42/44A South	2016	12/01-12/31	1	150	80	1	0.7	1	1	1	100
43A	2012	12/01-12/31	1	44	55	1	0.0	1	6	1	100
43A	2013	12/01-12/31	1	39	39	1	2.6	1	7	1	100
43A	2014	12/01-12/31	1	75	56	1	0.0	1	2	1	100
43A	2015	12/01-12/31	1	79	64	1	1.3	1	2	1	100
43A	2016	12/01-12/31	1	139	63	1	0.7	1	4	1	100
43B	2012	12/01-12/31	6	662	565	6	0.5	6	40	6	100
43B	2013	12/01-12/31	6	715	580	6	0.4	6	34	5	83
43B	2014	12/01-12/31	7	743	698	7	0.7	7	53	7	100
43B	2015	12/01-12/31	7	682	563	7	0.9	7	17	7	100

## Bighorn Harvest Data

5-Year: 2012-2015 Harvest (continued)

Unit	Year	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Permits Issued	Draw Odds	Hunters	Hunter-Days	Harvest	Hunt Success
43B	2016	12/01-12/31	7	1318	912	7	0.5	7	21	7	100
44A East	2012	12/01-12/31	1	77	61	1	0.0	1	2	1	100
44A East	2013	12/01-12/31	1	68	64	1	1.5	1	21	1	100
44A East	2014	12/01-12/31	1	40	37	1	2.5	1	2	1	100
44A East	2015	12/01-12/31	1	52	55	1	1.9	1	3	1	100
44A East	2016	12/01-12/31	1	57	51	1	0.0	1	8	1	100
44A West	2012	12/01-12/31	1	86	74	1	1.2	1	3	1	100
44A West	2013	12/01-12/31	1	47	77	1	2.1	1	2	1	100
44A West	2014	12/01-12/31	1	74	51	1	1.4	1	1	1	100
44A West	2015	12/01-12/31	1	58	75	1	0.0	1	8	1	100
44A West	2016	12/01-12/31	1	77	85	1	1.3	1	19	1	100
44B North	2012	12/01-12/31	2	586	338	2	0.3	2	2	2	100
44B North	2013	12/01-12/31	2	466	306	2	0.2	2	6	2	100
44B North	2014	12/01-12/31	2	603	578	2	0.0	2	7	2	100
44B North	2015	12/01-12/31	4	1108	595	4	0.3	4	31	4	100
44B North	2016	12/01-12/31	4	1070	657	4	0.4	4	5	4	100
44B South	2012	12/01-12/31	1	53	87	1	1.9	1	1	1	100
44B South	2013	12/01-12/31	1	43	84	1	2.3	1	5	1	100
44B South	2014	12/01-12/31	1	53	81	1	1.9	1	1	1	100
44B South	2015	12/01-12/31	2	250	401	2	0.4	1	1	1	100
44B South	2016	12/01-12/31	2	292	274	2	0.7	2	11	2	100
45A	2012	12/01-12/31	1	47	48	1	2.1	1	11	1	100
45A	2013	12/01-12/31	1	47	42	1	2.1	1	4	1	100
45A	2014	12/01-12/31	1	37	46	1	2.7	1	6	1	100
45A	2015	12/01-12/31	3	304	241	3	0.7	3	25	3	100
45A	2016	12/01-12/31	3	285	321	3	0.7	3	20	3	100
45B	2012	12/01-12/31	1	23	71	1	0.0	1	15	1	100
45B	2013	12/01-12/31	1	26	52	1	0.0	1	20	1	100
45B	2014	12/01-12/31	1	32	50	1	0.0	1	2	1	100
45B	2015	12/01-12/31	2	100	168	2	1.0	2	22	2	100
45B	2016	12/01-12/31	2	73	155	2	0.0	2	30	2	100
45C	2012	12/01-12/31	3	168	159	3	1.2	3	14	3	100
45C	2013	12/01-12/31	1	79	55	1	1.3	1	1	1	100
45C	2014	12/01-12/31	1	92	52	1	1.1	1	28	1	100
45C	2015	12/01-12/31	1	67	49	1	1.5	1	4	1	100
45C	2016	12/01-12/31	2	192	99	2	0.5	2	12	2	100
46A	2012	12/01-12/31	2	145	198	2	1.4	2	20	1	50
46A	2013	12/01-12/31	2	93	139	2	0.0	2	27	2	100
46A	2014	12/01-12/31	2	111	177	2	0.0	2	6	2	100
46A East	2015	12/01-12/31	2	84	151	2	1.2	2	12	2	100
46A East	2016	12/01-12/31	2	99	187	2	1.0	2	4	2	100
46A West	2015	12/01-12/31	2	37	105	2	0.0	2	13	2	100
46A West	2016	12/01-12/31	2	64	112	2	0.0	2	15	2	100
46B	2012	12/01-12/31	7	321	493	7	0.9	7	44	7	100
46B	2013	12/01-12/31	7	259	349	7	0.8	7	42	7	100
46B	2014	12/01-12/31	7	321	535	7	0.9	7	58	7	100
46B East	2015	12/01-12/31	4	156	222	4	1.3	4	25	4	100
46B East	2016	12/01-12/31	4	165	245	4	1.2	4	9	4	100
46B West	2015	12/01-12/31	4	146	260	4	0.7	4	27	4	100
46B West	2016	12/01-12/31	4	333	392	4	0.9	4	29	4	100

# Successful Hunter Scores

## *Successful Hunters and the Measurements of their Bighorn Sheep - 2016 Season*

Hunt		Curl(Inches)		Base(Inches)		Maximum-Spread	TiptoTip	Age	ArizonaScore	Green Score
Name	Unit	Left	Right	Left	Right					
Special tag	15D	29 7/8	34 4/8	14 7/8	14 7/8	25 6/8	25 6/8	10	94 1/8	164 7/8
Special tag	43A	41 2/8	39 6/8	13 6/8	13 5/8	21	21	13	108 3/8	181 2/8
6001	10	28 4/8	32 2/8	13 5/8	13 5/8	18 7/8	21 3/8	7	88	152
6002	12A/12BW	29 2/8	30 1/8	13 2/8	13 1/8	26 4/8	26 4/8	3	85 6/8	136 1/8
6003	12BE	27 4/8	27 3/8	14 2/8	14 6/8	21 2/8	21 2/8	7	83 7/8	149 3/8
6003	12BE	30 2/8	25 7/8	13 7/8	14	23	22 5/8	7	84	149 5/8
6003	12BE	32 6/8	28 7/8	14 6/8	14 4/8	26 7/8	26 7/8	6	90 7/8	147 7/8
6004	13A	33 7/8	34 4/8	14 2/8	14 4/8	25	25	7	97 1/8	164 3/8
6005	13BN	33	33 2/8	14 2/8	14 2/8	22 2/8	22 2/8	4	94 6/8	148 4/8
6005	13BN	32 3/8	32 4/8	14 1/8	14 2/8	22	21	9	93 2/8	161 1/8
6005	13BN	33 1/8	35	16	16 1/8	22 5/8	23 2/8	6	100 2/8	172 7/8
6006	13BS	30 6/8	31 1/8	14 1/8	14 2/8	21 7/8	21 7/8	5	90 2/8	148 7/8
6007	15BW	30 6/8	30 2/8	14 2/8	14 1/8	21 2/8	21 2/8	10	89 3/8	152 6/8
6008	15CN	35 6/8	36 3/8	13 5/8	13 4/8	22 7/8	22 7/8	9	99 2/8	163 5/8
6009	15CS	33 1/8	35 1/8	14 6/8	14 6/8	24 5/8	24 5/8	6	97 6/8	162 2/8
6010	15D	30	32 7/8	14 4/8	14 7/8	25 6/8	25 6/8	8	92 2/8	164 7/8
6010	15D	33 6/8	33 4/8	14 2/8	14	26 1/8	26 1/8	9	95 4/8	162 4/8
6010	15D	33 6/8	34 1/8	14 6/8	14 7/8	22 3/8	22 4/8	4	97 4/8	167 1/8
6010	15D	31 2/8	28 4/8	13 3/8	13 1/8	26 6/8	26 6/8	10	86 2/8	147
6010	15D	32 3/8	32 1/8	14	14 2/8	22 7/8	22 7/8	9	92 6/8	161 2/8
6010	15D	33 7/8	33	14 3/8	14 4/8	17 7/8	17 7/8	6	95 6/8	151 3/8
6011	16A	36 6/8	34 4/8	14 1/8	14 1/8	19 4/8	17 4/8	7	99 4/8	167 6/8
6011	16A	32 5/8	31 1/8	13 5/8	13 5/8	18	16 4/8	8	91	154 2/8
6012	18B	35 2/8	35 5/8	15 3/8	15 7/8	21 1/8	21 1/8	5	102 1/8	171 3/8
6013	16B	32 4/8	33 6/8	12 4/8	12 4/8	21 2/8	18 2/8	9	91 2/8	156
6014	22	35 2/8	35 6/8	14 4/8	14 4/8	21 4/8	16 4/8	7	100	170 2/8
6014	22	36 5/8	36 7/8	16 1/8	16 2/8	20 5/8	15 7/8	8	105 7/8	181
6015	24BW	36 2/8	36 3/8	16 2/8	16	25 4/8	20 4/8	9	104 7/8	178 7/8
6017	24BS	39 2/8	36 3/8	16 4/8	16 4/8	24 4/8	24 4/8	7	108 5/8	185 1/8
6019	31	34 5/8	36 5/8	15 3/8	15 2/8	26	25 4/8	8	101 7/8	165 6/8
6019	31/32	33 6/8	34	13 5/8	13 5/8	20 5/8	22 2/8	11	95	157 4/8
6019	31/32	35 7/8	38 4/8	14 5/8	14 4/8	24	23 1/8	9	103 4/8	173 7/8
6020	37A	32 5/8	32 4/8	15 3/8	15 5/8	18 7/8	15 5/8	10	96 1/8	162 3/8
6020	37A	33 3/8	35 3/8	16	16	21 1/8	17 4/8	9	100 6/8	170 4/8
6021	37B	34 2/8	34 2/8	15	15 1/8	23 2/8	22 5/8	6	98 5/8	167 6/8
6022	39E	35 2/8	33 3/8	15 6/8	15 6/8	22 2/8	16	7	100 1/8	171 1/8
6023	39W	31 2/8	31 2/8	13 4/8	13 3/8	22 3/8	17 4/8	7	89 3/8	153 6/8
6023	39W	34 2/8	34	14 1/8	14 2/8	21 3/8	19 4/8	7	96 5/8	161 2/8
6024	40A	34 5/8	33 6/8	15 2/8	15	21 2/8	18 4/8	6	98 5/8	166 3/8
6024	40A	29 2/8	28 6/8	14	14	21 2/8	22	6	86	143 2/8
6025	40BWG	33	32 4/8	14 4/8	14 5/8	19	19	8	94 5/8	159 6/8
6025	40BWG	31 6/8	35 1/8	15	15	18 3/8	16 1/8	9	96 7/8	161 3/8
6025	40BWG	33	33 2/8	15 1/8	15 1/8	21 5/8	17 4/8	8	96 4/8	169 6/8
6025	40BWG	28 1/8	30 6/8	14 7/8	14 2/8	20	18 7/8	6	88	143 1/8
6026	40BWM	29	27 5/8	14 1/8	14 1/8	16 6/8	14 6/8	3	84 7/8	135 5/8
6026	40BWM	34	34 1/8	15 2/8	15 2/8	19 3/8	16	9	98 5/8	168 3/8
6027	40BWT	36 6/8	37 4/8	15 4/8	15 7/8	21 4/8	16 5/8	9	105 5/8	176 4/8
6027	40BWT	32 2/8	34 4/8	14 2/8	14 2/8	18 3/8	15 3/8	6	95 2/8	155 2/8
6028	41E	32	32 6/8	14 7/8	15	21	20 4/8	8	94 5/8	164 2/8
6029	41W	38 3/8	37 5/8	14 3/8	14 3/8	20 1/8	20	10	104 6/8	178 4/8
6029	41W	29 5/8	30 4/8	14 2/8	14 4/8	17 7/8	14 6/8	7	88 7/8	155 5/8
6030	42	35	32	15 1/8	14 7/8	20 6/8	20 7/8	6	97	165 2/8
6031	43A	31 7/8	33 6/8	14 2/8	14 3/8	20 5/8	15 3/8	8	94 2/8	164 5/8
6032	43B	31 2/8	31 3/8	13 4/8	13 4/8	19 2/8	18 6/8	6	89 5/8	152 5/8
6032	43B	33 4/8	33 4/8	14 2/8	14 2/8	21 5/8	20 4/8	8	95 4/8	161 4/8
6032	43B	30 1/8	30 1/8	14 1/8	14 2/8	20	18	9	88 5/8	157 6/8
6032	43B	35 2/8	35 3/8	15 4/8	15 2/8	20 1/8	19 7/8	8	101 3/8	169 3/8
6032	43B	32	32 4/8	13 1/8	13 2/8	20	15 2/8	7	90 7/8	156
6032	43B	29	31 6/8	13 2/8	13 4/8	19 3/8	16 3/8	8	87 4/8	145 4/8
6032	43B	33	35 6/8	14	14 2/8	21 5/8	19 3/8	9	97	167
6033	44AE	35 5/8	32 2/8	14 2/8	14 3/8	21 7/8	20 6/8	8	96 4/8	161 7/8

## Successful Hunter Scores

*Successful Hunters and the Measurements of their Bighorn Sheep - 2016 Season (continued)*

Hunt		Curl(Inches)		Base(Inches)		Maximum-Spread	TiptoTip	Age	ArizonaScore	Green Score
Name	Unit	Left	Right	Left	Right					
6034	44AW	30 6/8	31 3/8	14 4/8	14 3/8	20	18 4/8	6	91	161 1/8
6035	44BN	30 5/8	32 1/8	13 3/8	13 4/8	22 2/8	19 4/8	5	89 5/8	150
6035	44BN	33	32 2/8	14	14	20 4/8	20 4/8	6	93 2/8	154
6035	44BN	32 4/8	36	15	15 1/8	22 2/8	18 3/8	7	98 5/8	166 6/8
6035	44BN	35 3/8	36	15	15	21 7/8	18 6/8	8	101 3/8	169 3/8
6036	44BS	32 4/8	33	15 2/8	15 1/8	20 6/8	16 6/8	8	95 7/8	170
6036	44BS	34 3/8	35 2/8	17 2/8	17 2/8	21 2/8	19	7	104 1/8	178 3/8
6037	45A	33 3/8	33 6/8	14 3/8	14 3/8	21 1/8	20 6/8	8	95 7/8	162 5/8
6037	45A	30 2/8	31 6/8	14 2/8	14 1/8	20 3/8	20 1/8	5	90 3/8	144 2/8
6037	45A	35 3/8	35 6/8	15 2/8	15 2/8	20 4/8	20 4/8	11	101 5/8	174 3/8
6038	45B	32 5/8	33	14 5/8	14 6/8	20 6/8	19 7/8	9	95	165 1/8
6038	45B	33 3/8	31 4/8	13 7/8	13 7/8	23 2/8	22	7	92 5/8	156 7/8
6039	45C	35 4/8	36 4/8	14 7/8	15 2/8	23 1/8	20 6/8	8	102 1/8	171
6039	45C	28 6/8	27 3/8	13 2/8	13	21 1/8	18 6/8	9	82 3/8	149 3/8
6040	46AE	38 6/8	35 7/8	15 3/8	15 4/8	20 5/8	17 4/8	8	105 4/8	173 7/8
6040	46AE	35 5/8	36	15 2/8	15	20 4/8	20 4/8	9	101 7/8	171 7/8
6041	46AW	36 4/8	37 6/8	15 4/8	15 4/8	21	19 4/8	8	105 2/8	176 4/8
6041	46AW	35 2/8	34 1/8	14 5/8	14 4/8	20 7/8	18 7/8	9	98 4/8	167 1/8
6042	46BE	32 5/8	32 4/8	14 6/8	14 4/8	19 6/8	17 7/8	8	94 3/8	156 5/8
6042	46BE	31 4/8	32 1/8	13 4/8	13 4/8	20 1/8	17 1/8	7	90 5/8	152 1/8
6042	46BE	31 1/8	31 6/8	15	15 1/8	20 1/8	19 2/8	8	93	158 7/8
6042	46BE	34 3/8	34 1/8	15 3/8	15 2/8	21 4/8	19 2/8	8	99 1/8	171
6043	46BW	28 1/8	27 4/8	13 7/8	14 2/8	18 3/8	19 7/8	5	83 6/8	134 5/8
6043	46BW	32 3/8	32 2/8	14 5/8	14 7/8	21 5/8	20 5/8	6	94 1/8	155 5/8
6043	46BW	29 4/8	31 1/8	13 3/8	13 5/8	19 1/8	14 5/8	9	87 5/8	151 7/8
6043	46BW	34 1/8	32 3/8	15 7/8	15 6/8	21 4/8	21 2/8	8	98 1/8	164 4/8
6051	01/27N	41 7/8	41 5/8	16 6/8	16 4/8	27	27	7	116 6/8	190 4/8
6052	06A/22N	36 2/8	36 1/8	15 4/8	15 7/8	21	19 7/8	9	103 6/8	182 5/8
6052	06A/22N	39 2/8	37 6/8	15 7/8	16	22 1/8	20 2/8	9	108 7/8	183 2/8
6053	06A/22N	35 6/8	35 4/8	14 5/8	14 5/8	18 4/8	17 6/8	8	100 4/8	175 4/8
6053	06A/22N	35 6/8	35	14 3/8	14 3/8	23 2/8	18 4/8	8	99 4/8	170 4/8
6054	23/24A	25 4/8	37 5/8	14 4/8	14 5/8	23 4/8	23 4/8	8	92 2/8	138 1/8
6055	27N	35 4/8	36	16 6/8	16 7/8	22 2/8	17 4/8	7	105 1/8	187 4/8
6055	27N	31	32 5/8	14 7/8	14 6/8	21 6/8	19	7	93 2/8	164 3/8
6055	27N	32 4/8	35	15 4/8	16	23 4/8	22	8	99	174
6056	27N	33 1/8	33 1/8	15 3/8	15 1/8	22 4/8	15 2/8	6	96 6/8	164 2/8
6056	27N	32 7/8	33	16 1/8	16 2/8	22 2/8	20 4/8	7	98 2/8	174 3/8
6057	27/28	33 7/8	33 2/8	15 6/8	15 4/8	22 4/8	20 4/8	4	98 3/8	162 3/8
6057	27/28	36 1/8	39 6/8	14 2/8	14 2/8	22 5/8	17 4/8	7	104 3/8	174 5/8
6057	27/28	33 2/8	37 4/8	14 7/8	14 7/8	21 3/8	20 7/8	5	100 4/8	171 2/8
6058	27/28	34 6/8	35 4/8	13 6/8	14	21	17 3/8	8	98	167 4/8
6058	27/28	33	32 3/8	15 1/8	15 3/8	18 7/8	15 1/8	6	95 7/8	162 1/8
	Average	33 2/8	33 5/8	14 5/8	14 5/8	21 4/8	19 7/8	7	96 2/8	163
	Maximum	41 7/8	41 5/8	17 2/8	17 2/8	27	27	13	116 6/8	190 4/8
	Minimum	25 4/8	25 7/8	12 4/8	12 4/8	16 6/8	14 5/8	3	82 3/8	134 5/8

# Measurement Data

## *Bighorn Sheep Horn Measurements*

Year	Arizona Score <sup>1</sup>			Outside Curl	Average Basal Circumference	Average B&C Green Score
	Largest Head	Smallest Head	Average Head			
1953	102-1/8	56-2/8	85-2/8	29-1/8	13-4/8	–
1954	97	65-5/8	83-5/8	28-4/8	13-2/8	–
1955	93-6/8	66	84-6/8	28-2/8	14	–
1956	93-4/8	65-2/8	80	27-3/8	12-5/8	–
1957	82	60-2/8	73-5/8	24-6/8	12-1/8	–
1958	102-6/8	74	86-3/8	29-3/8	13-7/8	–
1959	100-2/8	63-4/8	84	28-4/8	13-4/8	–
1960	100-2/8	68-4/8	86-6/8	29-4/8	13-7/8	–
1961	110-5/8	63-2/8	84-1/8	28-5/8	13-3/8	–
1962	101-2/8	63-6/8	83-7/8	28-3/8	13-4/8	–
1963	105-4/8	60	82-2/8	27-6/8	13-3/8	–
1964	102-2/8	72-4/8	88-3/8	30-1/8	14-1/8	–
1965	113-1/8	71-4/8	89	30-1/8	14-3/8	–
1966	108-6/8	74	91-2/8	31	14-5/8	–
1967	104-5/8	76-2/8	91-4/8	31	14-6/8	–
1968	103-5/8	68-2/8	89-1/8	30	14-4/8	–
1969	106-2/8	71	89-2/8	30-2/8	14-3/8	–
1970	104-6/8	76-2/8	89-5/8	30-4/8	14-2/8	–
1971	103-6/8	70-2/8	87-3/8	29-3/8	14-2/8	–
1972	106-2/8	72-1/8	89	30	14-4/8	147-4/8
1973	103-5/8	72-7/8	89-5/8	30-5/8	14-2/8	150-3/8
1974	111-2/8	68-3/8	91	31-1/8	14-3/8	152-2/8
1975	106-6/8	74-4/8	89	30-4/8	14	148-7/8
1976	104-4/8	74-7/8	91-6/8	31-2/8	14-5/8	154-6/8
1977	104-1/8	75	91-5/8	31-3/8	14-3/8	153-6/8
1978	108	74-3/8	92-3/8	31-4/8	14-5/8	155-7/8
1979	108-4/8	71-3/8	91-3/8	31-2/8	14-4/8	153-1/8
1980	105	82-1/8	92-4/8	31-5/8	14-4/8	153-3/8
1981	110-3/8	82-6/8	94-3/8	32-2/8	15	160-2/8
1982	114-4/8	81-4/8	92-4/8	31-6/8	14-4/8	154-5/8
1983	112-3/8	71-5/8	93-3/8	32	14-5/8	156-7/8
1984	111-5/8	79-3/8	94	32-3/8	14-5/8	159-1/8
1985	107-6/8	74-4/8	92-6/8	31-7/8	14-4/8	156-2/8
1986	110-2/8	80-7/8	94-4/8	32-4/8	14-6/8	160-2/8
1987	110	77	94-3/8	32-5/8	14-5/8	159-4/8
1988	117-2/8	51-2/8	93-1/8	32	14-4/8	157-2/8
1989	103-4/8	78-6/8	92-6/8	31-7/8	14-3/8	157-4/8
1990	113-2/8	58-4/8	93-5/8	32-1/8	14-5/8	157-7/8
1991	107-2/8	67-1/8	92-7/8	31-6/8	14-5/8	157-5/8
1992	108-6/8	65	92-4/8	31-7/8	14-3/8	155-3/8
1993	112-3/8	69-2/8	92-4/8	31-7/8	14-3/8	156-3/8
1994	110-2/8	77-3/8	94-2/8	32-5/8	14-4/8	159-6/8
1995	110-3/8	77-2/8	92-5/8	31-7/8	14-3/8	156-3/8
1996	114-4/8	66-6/8	93	32-1/8	14-4/8	156-6/8
1997	108-3/8	69-2/8	92-1/8	31-6/8	14-4/8	156-5/8
1998	112	61-1/8	91-4/8	31-4/8	14-4/8	155-7/8
1999	109	63-6/8	91-6/8	31-5/8	14-4/8	156-7/8
2000	110-4/8	65-6/8	92-6/8	31-7/8	14-4/8	157-1/8
2001	107-6/8	73-6/8	91-6/8	31-5/8	14-3/8	155
2002	107-7/8	53-3/8	90-4/8	31-1/8	14-2/8	153-3/8
2003	108-6/8	66-7/8	89-3/8	30-5/8	14-2/8	151-6/8
2004	106-5/8	73-2/8	91-5/8	31-4/8	14-3/8	155-7/8
2005	104-3/8	69-2/8	90-6/8	31	14-2/8	152-3/8
2006	109-4/8	63	92-1/8	31-5/8	14-4/8	156-1/8
2007	113-5/8	74-3/8	93	32-1/8	14-3/8	156-5/8
2008	109-4/8	58-5/8	92-7/8	32	14-4/8	155-6/8
2009	116-2/8	64-1/8	92-3/8	31-5/8	14-5/8	156-7/8
2010	114-3/8	75-7/8	96	33-5/8	14-6/8	162-4/8
2011	106-2/8	58-5/8	93-4/8	33-5/8	32-4/8	158
2012	111-5/8	57-5/8	94	32-3/8	14-5/8	159-4/8
2013	112-3/8	73-7/8	95-7/8	33-2/8	14-6/8	163-2/8
2014	108-7/8	74-1/8	97-3/8	33-1/8	14-7/8	164
2015	114-3/8	62-3/8	94-6/8	32-5/8	14-5/8	161
2016	116-6/8	82-3/8	96-2/8	33-3/8	14-5/8	163

<sup>1</sup> Arizona score = sums of the 2 bases and the 2 curls.

# Hunt Application Data

## 2016 Bighorn Sheep Hunt Applications

Hunt No.	Unit	Permits Authorized	First Choice		Second Choice	
			Applicants	% Drawn	Applicants	% Drawn
6001	09/10	1	90	0.0	50	2.0
6002	12A/12BW	1	54	1.9	58	0.0
6003	12BE	4	321	0.6	388	0.5
6004	13A	1	59	1.7	50	0.0
6005	13BN	3	478	0.4	336	0.3
6006	13BS	1	36	0.0	46	2.2
6007	15BW	3	164	0.6	253	0.8
6008	15CN	3	255	0.8	193	0.5
6009	15CS	2	161	0.6	296	0.3
6010	15D North	8	2125	0.3	1184	0.2
6011	15D South	4	359	0.6	939	0.2
6012	16A	3	154	0.6	250	0.8
6013	16B	1	42	2.4	54	0.0
6014	18B	1	38	2.6	44	0.0
6015	22	4	1868	0.2	669	0.0
6016	24B Superstition Wilderness	1	222	0.0	165	0.6
6017	24B North	1	156	0.0	290	0.3
6018	24B South	2	413	0.2	589	0.2
6019	28S	1	132	0.8	116	0.0
6020	31/32	2	551	0.4	348	0.0
6021	37A	2	654	0.3	414	0.0
6022	37B	1	124	0.0	170	0.6
6023	39 East	1	46	0.0	67	1.5
6024	39 West	2	221	0.5	187	0.5
6025	40A	2	116	1.7	103	0.0
6026	40B West Gila Mtns	2	134	0.7	141	0.7
6027	40B West Mohawk/Copper	3	166	1.2	315	0.3
6028	40B West Tinajas Altas	1	60	1.7	75	0.0
6029	41E	1	101	0.0	88	1.1
6030	41W	1	43	2.3	60	0.0
6031	42/44A South	2	240	0.8	148	0.0
6032	43A	1	79	1.3	64	0.0
6033	43B	7	682	0.9	563	0.2
6034	44A East	1	52	1.9	55	0.0
6035	44A West	1	58	0.0	75	1.3
6036	44B North	4	1108	0.3	595	0.2
6037	44B South	2	250	0.4	401	0.2
6038	45A	3	304	0.7	241	0.4
6039	45B	2	100	1.0	168	0.6
6040	45C	1	67	1.5	49	0.0
6041	46A East	2	84	1.2	151	0.7
6042	46A West	2	37	0.0	105	1.9
6043	46B East	4	156	1.3	222	0.9
6044	46B West	4	146	0.7	260	1.2
6051	01/27	1	166	0.6	122	0.0
6052	6A/22N	4	1439	0.3	717	0.0
6053	23/24A	1	156	0.0	184	0.5
6054	27 Lower Blue	2	139	1.4	285	0.0
6055	27 Upper Blue	5	531	0.8	710	0.1
6056	27S/28N	5	621	0.6	788	0.1
		97	15758	0.5	13841	0.3

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## Bison (*Bison bison*)

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### *Natural History*

American bison, also known as buffalo, are native wildlife in Arizona, occurring at the southwest edge of its original historic range. In Arizona, bison can be found at two wildlife areas managed by the Arizona Game and Fish Department: Raymond Ranch Wildlife Area located east of Flagstaff, and House Rock Wildlife Area in House Rock Valley east of the North Kaibab National Forest. Both wildlife areas are managed to provide both viewing and hunting opportunities.

Bison are the largest living member of the cow

family. Live adult weights range from 1,400 to 2,500 pounds for bulls and from 750 to 1,600 pounds for cows. Bulls have massive front quarters with a large hump above the shoulders covered with woolly hair up to 1.5 inches long that also covers the head and forelegs. This hair turns tan with age and is two to five times thicker than the hair on the hindquarters. The bull's head has a broad triangular appearance and possesses a beard or bell. Both bulls and cows possess horns, but the male's are much larger, attaining a length of up to 20 inches. Calves are reddish-tan at birth and change to brown or black in three months.

The senses of smell and hearing are acute, while the



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bison's eyesight is poor. Adult bison can run sprints of 35 mph for up to one-quarter mile and are capable of jumping over 6-foot-high fences. Bison are gregarious and often form large herds. Although the group composition of these herds changes constantly, the dominant animal is almost always a matriarchal cow. Adult bison eat approximately 35 pounds of forage per day, in general concentrating on the most abundant palatable forage, be it grasses, forbs, or browse. Bison may live as long as 28 years.

Breeding typically takes place from mid-July to early September. The bulls are polygamous, but do not maintain harems in the usual sense. Most of the breeding is done by mature bulls of five to eight years old. A bull can lose up to 300 pounds during the rut. Gestation ranges from 270 to 285 days, and typically a single calf is born in the spring from late April through May.

Numerous state and federal agencies, as well as private ranchers, have been trying to develop representative herds of free-ranging bison. Their goal is to maintain bison populations that provide recreational hunting, scientific research, and aesthetic uses with minimal management efforts. In these areas, hunting and live-animal sales are necessary to remove excess animals and keep the habitat within carrying capacity.

### *Hunt History*

Public bison hunts have been held at House Rock Ranch since the 1920s. These bison, which were originally brought to Arizona by Charles Jesse "Buffalo" Jones, were sold to the state by Uncle Jimmie Owens after their "cattalo" experiment proved unsuccessful. When the number of bison was judged excessive for



**Bison distribution**

their Forest Service grazing lands in the mid-1940s, the Arizona Game and Fish Department moved some of them to the agency's newly acquired Raymond Ranch. Other bison were moved to Fort Huachuca, which the Department acquired after World War

II. The tenure of these latter animals was short, however, as they had to be disposed of when the Fort was reactivated in the 1950s. Some were sold and sent to the state of Chihuahua, Mexico, and the remainder were removed through a public hunt.

The herds at House Rock and Raymond Ranch wildlife areas remained, however, and the Department set out to manage these herds on a sustained basis. An economic profit proved elusive, however, as it was impossible to sustain sufficient breeding stock without damaging the range. Moreover, the shooting of bison being driven out of a corral, while making economic sense, became increasingly difficult to justify from a sociological perspective. As a result, both herds were drastically reduced in the early 1970s by hunters who had to take their animals in the field. The management of the bison herds is now more in line with the carrying capacity of their respective ranges, with between 20 and 40 bison being harvested each year.

## Bison Survey Data

### *Historic Summary of Bison Survey Data*

Unit	Year	Bulls			Cows			Unclassified Calves	Total	Bulls/ 100 Cows <sup>1</sup>	Calves/ 100 Cows <sup>1</sup>
		Adults	Yearlings	Calves	Adults	Yearlings	Calves				
Statewide	1953 <sup>2</sup>	66	111	–	168	–	–	–	345	39	–
	1954 <sup>2</sup>	156	100	–	161	–	–	–	417	97	–
	1955 <sup>2</sup>	–	–	–	–	–	–	–	–	–	–
	1956	37	86	53	103	–	–	–	279	34	51
	1957 <sup>3</sup>	12	21	29	60	38	29	–	189	20	97
	1958 <sup>3</sup>	38	28	25	69	27	25	–	212	55	85
	1959 <sup>3</sup>	20	69	33	77	74	32	–	305	26	94
	1960 <sup>3</sup>	36	18	25	85	19	25	–	208	42	59
	1961	75	24	30	131	25	30	–	315	57	46
	1962 <sup>3</sup>	41	29	28	104	23	28	–	253	39	54
	1963 <sup>3</sup>	52	25	28	107	25	28	–	265	49	52
	1964 <sup>3</sup>	49	31	35	99	23	35	–	272	49	71
	1965 <sup>3</sup>	51	32	35	115	31	35	–	299	44	61
	1966 <sup>3</sup>	37	28	25	89	19	25	–	223	42	56
	1967 <sup>3</sup>	43	22	28	97	22	26	–	238	44	56
	1968 <sup>3</sup>	31	22	26	86	23	26	–	214	36	60
	1969 <sup>3</sup>	36	27	30	91	27	30	–	241	40	66
	1970 <sup>3</sup>	24	30	32	91	30	32	–	239	26	70
	1971 <sup>3</sup>	37	21	22	80	21	22	–	203	46	55
	1972	47	30	30	108	30	30	–	275	44	56
	1973 <sup>3</sup>	44	55	57	167	52	57	–	432	26	68
	1974	81	54	40	129	54	52	–	410	63	71
	1975	92	53	18	97	53	18	–	331	95	37
	1976	94	20	23	89	20	19	–	265	106	47
	1977	72	26	23	63	31	23	–	238	114	73
	1978	57	23	17	73	23	16	–	209	78	45
	1979	40	24	22	39	10	21	–	156	103	110

#### From 1980 to present, data split by Wildlife Area

5B	1980	18	11	13	35	10	10	0	97	51	66
Raymond	1981	24	13	13	31	10	12	0	103	77	81
Wildlife Area	1982	20	13	10	29	12	7	0	91	69	59
	1983	26	10	8	29	7	9	0	89	90	59
	1984	16	8	15	34	10	10	0	93	47	74
	1985	15	14	17	39	10	12	0	107	38	74
	1986	12	16	15	37	12	15	0	107	32	81
	1987	16	15	16	34	15	13	0	109	47	85
	1988	16	16	14	37	13	17	0	113	43	84
	1989	15	14	9	40	17	21	0	116	38	75
	1990	10	9	14	42	21	17	0	113	24	74
	1991	10	14	12	43	17	15	0	111	23	63
	1992	14	12	14	43	15	16	0	114	33	70
	1993	14	14	17	41	16	17	0	119	34	83
	1994	12	17	17	39	17	14	0	116	31	79
	1995	10	15	12	40	18	18	0	113	25	75
	1996	11	0	18	43	0	13	0	85	26	72
	1997	4	0	11	41	3	12	0	71	10	56
	1998	3	8	14	43	12	12	0	92	7	60
	1999	7	13	14	41	14	14	0	103	17	68
	2000	5	14	9	37	14	13	0	92	14	59
	2001	13	10	0	39	8	0	20	90	33	51
	2002	18	12	0	40	9	0	21	100	45	53
	2003	20	11	0	38	11	0	24	104	53	63
	2004	10	10	0	32	9	0	14	75	31	44
	2005	6	3	0	27	–	0	14	50	22	52
	2006	5	8	0	24	–	0	14	51	21	58
	2007	4	4	0	27	7	0	14	56	24	41
	2008	4	0	–	19	4	–	12	39	21	63
	2009	3	3	0	18	6	0	13	43	17	72

<sup>1</sup> Based on adult animals only, yearlings excluded.

<sup>2</sup> Both sexes combined for yearlings and calves.

<sup>3</sup> Calf numbers are estimates.

<sup>4</sup> Surveys based on bison herds photographed and classified from the ground.

## Bison Survey Data

### *Historic Summary of Bison Survey Data*

Unit	Year	Bulls			Cows			Unclassified Calves	Total	Bulls/ 100 Cows <sup>1</sup>	Calves/ 100 Cows <sup>1</sup>
		Adults	Yearlings	Calves	Adults	Yearlings	Calves				
5B	2010	7	6	0	25	9	0	8	55	28	32
Raymond	2011 <sup>4</sup>	38	14	0	45	13	0	22	132	84	49
Wildlife Area	2012 <sup>4</sup>	37	9	0	78	11	0	29	164	47	37
	2013 <sup>4</sup>	18	7	0	35	6	0	22	88	51	63
	2014 <sup>4</sup>	6	7	0	30	5	0	11	59	20	37
	2015	No survey conducted									
	2016	0	0	0	27	0	0	16	43	-	59

12	1980	14	11	10	45	11	15	0	106	31	56
House Rock	1981	18	10	10	34	15	10	0	97	53	59
Wildlife Area	1982	17	10	13	40	10	9	0	99	43	55
	1983	19	13	11	49	9	13	0	114	39	49
	1984	25	13	9	42	10	0	0	99	60	21
	1985	18	9	0	46	9	0	26	108	39	57
	1986	22	13	0	34	13	0	16	98	65	47
	1987	41	10	0	40	10	0	27	128	103	68
	1988	53	15	0	44	14	0	31	157	120	70
	1989	40	12	0	53	23	0	30	158	75	57
	1990	23	14	0	56	18	0	23	134	41	41
	1991	14	11	0	53	10	0	30	118	26	57
	1992	21	12	0	50	11	0	26	120	42	52
	1993	23	13	0	44	9	0	21	110	52	48
	1994	33	10	15	41	8	17	0	124	80	78
	1995	34	15	14	40	17	14	0	134	85	70
	1996	31	14	14	47	12	14	0	132	66	60
	1997	31	12	0	47	12	0	21	123	66	45
	1998	25	9	0	33	10	0	19	96	76	58
	1999	29	9	9	38	9	9	0	103	76	47
	2000	32	9	14	42	9	14	0	120	76	67
	2001	No Survey Conducted									
	2002	50	15	0	65	15	0	30	175	77	45
	2003	45	15	0	80	15	0	40	195	56	50
	2004	43	9	0	51	7	0	22	132	84	43
	2005	41	21	0	70	11	0	43	185	57	61
	2006	No Survey Conducted									
	2007	No Survey Conducted									
	2008	No Survey Conducted									
	2009	24	7	0	36	7	0	14	88	67	39
	2010	29	10	0	43	10	0	14	106	67	33
	2011 <sup>4</sup>	38	14	0	45	13	0	22	132	84	49
	2012 <sup>4</sup>	37	9	0	78	11	0	29	164	47	37
	2013 <sup>4</sup>	18	7	0	35	6	0	22	88	51	63
	2014 <sup>4</sup>	28	15	0	51	15	0	23	132	55	45
	2015	32	19	27	56	-	-	31	165	57	48
	2016	43	17	21	85	21	17	0	204	51	49

<sup>1</sup> Based on adult animals only, yearlings excluded.

<sup>2</sup> Both sexes combined for yearlings and calves.

<sup>3</sup> Calf numbers are estimates.

<sup>4</sup> Surveys based on bison herds photographed and classified from the ground.

## Bison Harvest Data

### *Historic Summary of Bison Hunts<sup>1</sup>*

Year	1st Choice Applicants <sup>2</sup>	Permits Issued	Hunters	Hunter Days	Harvest				Calves	Total	Percent Success
					Bulls		Cows				
					Adults	Yearlings	Adults	Yearlings			
1950	–	–	–	–	–	–	–	–	–	92	–
1951	–	–	–	–	–	–	–	–	–	92	–
1953	–	–	–	–	–	–	–	–	–	25	–
1955	–	–	–	–	–	–	–	–	–	35	–
1956	–	–	–	–	–	–	–	–	–	30	–
1957	–	–	–	–	–	–	–	–	–	150	–
1958	–	–	–	–	28	19	18	20	0	85	–
1959	–	–	–	–	7	69	0	74	0	150	–
1960	–	–	–	–	26	8	18	8	0	60	–
1961	–	–	–	–	65	20	50	20	0	155	–
1962	–	–	–	–	29	20	32	15	0	96	–
1963	–	–	–	–	42	20	38	20	0	120	–
1964	–	–	–	–	39	28	42	21	0	130	–
1965	–	–	–	–	41	32	49	28	0	150	–
1966	–	–	–	–	28	28	30	14	0	100	–
1967	–	–	–	–	34	21	30	20	0	105	–
1968	–	–	–	–	21	20	14	20	0	75	–
1969	–	–	–	–	25	25	25	25	0	100	–
1970	–	–	–	–	12	25	18	25	0	80	–
1971	–	–	–	–	24	20	16	20	0	80	–
1972	–	–	–	–	32	30	33	30	0	125	–
1973	–	–	–	–	15	7	52	22	30	126	–
1974	–	–	–	–	9	35	52	34	0	130	–
1975	–	–	–	–	10	40	37	32	0	119	–
1976	–	–	–	–	7	18	34	16	0	75	–
1977	–	–	–	–	15	17	12	12	0	56	–
1978	–	–	–	–	26	18	5	9	0	58	–
1979	–	–	–	–	14	13	12	0	0	39	–
1980	545	57	57	–	23	6	21	5	0	55	96.5
1981	329	46	46	–	17	10	19	0	0	46	100.0
1982	198	38	38	51	28	0	9	0	0	37	97.4
1983	202	43	43	97	17	7	14	2	0	40	93.0
1984	209	40	40	76	24	5	9	2	0	40	100.0
1985	238	59	54	119	5	15	22	6	0	48	88.9
1986	225	47	43	108	18	5	12	4	0	39	90.7
1987	217	41	39	69	2	17	3	13	0	35	89.7
1988	366	61	58	154	11	19	15	5	0	50	86.2
1989	449	85	82	251	25	20	8	15	0	68	82.9
1990	417	91	89	369	13	11	14	17	0	55	61.8
1991	414	50	50	127	5	13	17	12	0	47	94.0
1992	551	65	64	210	9	9	15	16	0	49	76.6
1993	680	65	65	233	10	12	8	16	0	46	70.8
1994	742	64	60	176	8	16	7	16	0	47	78.3
1995	1075	95	90	352	10	20	8	23	0	61	67.8
1996	1175	71	71	273	14	10	8	13	0	45	63.4
1997	1193	61	61	152	11	12	20	15	0	58	95.1
1998	1431	64	64	216	11	9	8	15	0	41	64.1
1999	1380	49	45	131	3	15	6	12	0	36	80.0
2000	1325	54	52	164	3	12	7	10	1	33	63.5
2001	1360	72	70	432	4	8	11	6	0	29	41.4
2002	3316	50	48	198	20	14	1	3	0	38	79.2
2003	5154	53	52	203	10	1	27	1	0	39	75.0
2004	7788	97	84	380	9	20	7	5	0	41	48.8
2005	3043	26	24	37	4	4	12	2	0	22	91.7
2006	2640	21	21	70	3	1	9	5	0	18	85.7
2007	1232	28	28	151	5	10	8	0	0	23	82.1
2008	868	29	27	93	11	10	2	4	0	26	96.2
2009	545	20	20	144	10	4	4	1	0	19	95.0
2010	640	23	23	226	6	6	2	1	0	15	65.2
2011	978	26	26	176	11	5	4	3	0	23	88.5
2012	1320	27	27	211	11	4	3	1	0	19	70.3
2013	2048	25	25	177	13	2	6	1	1	23	92.0
2014	2539	87	84	598	27	7	32	4	1	71	85.0
2015	2494	150	142	1719	21	10	24	3	0	58	41.0
2016	3349	165	154	1309	35	10	45	3	1	94	61.0

# Bison Harvest Data

## Population Management Season Results - Unit 12A

Year	Season <sup>1</sup>	Permits Issued	Hunters	Hunter Days	Harvest				Calves	Total	Percent Success
					Bulls		Cows				
					Adults	Yearlings	Adults	Yearlings			
2005	Companion	106	106	--	3	0	1	0	0	4	3.8
2005	Standard	20	19	39	5	5	0	2	0	12	63.2
2006	Companion	28	28	--	7	0	0	0	0	7	25.0
2006	Standard	25	24	52	4	1	1	3	0	9	37.5
2007	Companion	59	59	20	5	2	1	0	0	8	13.6
2007	Standard	8	7	10	0	0	3	1	0	4	57.1
2008	Companion	97	97	32	7	1	3	0	0	12	12.4
2008	Standard	16	12	16	0	3	7	0	0	10	83.3
2009	Companion	70	11	52	0	0	6	5	0	11	15.7
2009	Standard	14	14	16	1	2	10	1	0	14	100.0
2010	Companion	100	10	44	1	1	7	1	0	10	10.0
2010	Standard	No hunts offered									
2011	Companion	66	12	44	1	3	6	2	0	12	18.2
2011	Standard	No hunts offered									
2012	Companion	93	4	22	1	0	2	0	0	4	NA
2012	Standard	6	6		4	0	0	0	0	4	66.7
2013	Companion	106	12	45	9	0	3	0	0	12	NA
2013	Standard	10	10	25	9	0	0	0	0	9	90.0
2014		No hunts offered									
2015		No hunts offered									
2016		No hunts offered									

<sup>1</sup> Designates the type of Population Management Season offered. "Companion" denotes tags issued to hunters with corresponding Kaibab deer hunts. "Standard" denotes seasons authorized through the typical Population Management Season process.

## 5-Year: 2012-2016 Harvest

Unit	Year	Season	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Draw Odds	Permits Issued	Hunters	Hunter Days	Bull Harvest	Cow Harvest	Total Harvest	Hunt Success
5B	2013	Bull	10/04 - 10/06	0	0	0	-	2	2	2	2	0	2	100
5B	2014	Bull	9/26 - 9/28	1	792	67	0.1	1	1	1	1	0	1	100
5B	2014	Bull	2/10 - 2/12	2	400	110	0.5	2	2	2	2	0	2	100
5B	2016	Bull	1/29 - 2/18	2	466	109	0.4	2	2	2	2	0	2	100
5B	2012	Cow	1/13 - 1/15	0	0	0	-	2	2	4	3	3	6	300
5B	2013	Cow	9/06 - 9/08	0	0	0	-	2	2	3	0	2	2	100
5B	2013	Cow	11/08 - 11/10	0	0	0	-	2	2	3	2	4	6	300
5B	2014	Cow	9/26 - 9/28	2	188	375	0.0	2	2	2	0	2	2	100
5B	2014	Cow	11/07 - 11/09	2	156	225	0.0	2	2	2	0	2	2	100
5B	2016	Cow	1/08 - 1/28	5	149	207	2.0	5	5	5	0	5	5	100
5B	2016	Cow	9/09 - 9/15	3	283	60	1.1	3	3	3	0	3	3	100
5B	2016	Cow	9/23 - 9/29	3	110	280	0.9	3	3	3	0	3	3	100
5B	2016	Cow	10/07 - 10/13	3	135	95	2.2	3	3	3	0	3	3	100
5B	2016	Cow	10/21 - 10/27	3	93	126	1.1	3	3	3	0	3	3	100
5B	2016	Cow	11/04 - 11/10	3	166	95	1.8	3	3	3	0	3	3	100
5B	2016	CY	11/18 - 11/24	2	87	146	2.3	2	2	2	0	2	2	100
5B	2016	CY	12/02 - 12/08	2	116	83	1.7	2	2	2	0	2	2	100
5B	2012	Yrl	10/05 - 10/07	0	0	0	-	2	2	0	0	0	0	0
5B	2012	Yrl	11/09 - 11/11	0	0	0	-	2	2	6	1	0	1	50
5B	2012	Yrl	2/03 - 2/05	0	0	0	-	2	2	4	0	1	1	50
5B	2012	Yrl	3/02 - 3/04	0	0	0	-	2	2	2	2	0	2	100
5B	2013	Yrl	2/08 - 2/10	0	0	0	-	2	2	2	0	1	2	100
5B	2013	Yrl	3/08 - 3/10	0	0	0	-	2	2	2	2	1	4	200
5B	2014	Yrl	2/07 - 2/09	2	160	162	1.3	2	2	2	4	0	4	200
5B	2014	Yrl	3/07 - 3/09	2	92	196	1.1	2	2	2	3	1	4	200
5B	2015	Yrl	1/09 - 1/11	2	209	62	1.0	2	2	2	2	0	2	100
5B	2015	Yrl	1/30 - 2/01	2	73	207	0.0	2	2	4	2	0	2	100
5B	2015	Yrl	2/20 - 2/22	2	94	147	2.1	2	2	2	0	2	2	100
5B	2015	Yrl	3/13 - 3/15	2	145	101	1.4	2	2	2	0	2	2	100
5B	2016	Yrl	1/29 - 2/18	3	70	72	2.9	3	3	3	2	1	3	100
5B	2016	Yrl	2/19 - 3/10	3	30	95	10.0	3	3	3	3	0	3	100
5B	2016	Yrl	3/11 - 3/31	4	96	100	2.1	5	5	6	4	1	5	100
5B	2016	Yrl	4/01 - 4/21	3	41	64	4.9	3	3	3	0	0	1	33
5B	2016	Any	2/19 - 3/10	2	17	25	5.9	2	2	2	2	0	2	100
12A	2015	Cow	9/25 - 10/08	8	66	36	9.1	8	8	57	0	5	5	63

Yrl = Yearling, CY = Cow or Yearling, Any = Any Bison, SP = Special raffle/auction permit.

# Bison Harvest Data

## 5-Year: 2012-2016 Harvest

Unit	Year	Season	Dates	Permits Authorized	1st Choice Applicants	2nd Choice Applicants	Draw Odds	Permits Issued	Hunters	Hunter Days	Bull Harvest	Cow Harvest	Total Harvest	Hunt Success
12A	2015	Cow	10/09 - 10/22	8	13	40	38.5	8	8	70	1	2	3	38
12A	2015	Cow	10/23 - 11/05	8	17	20	23.5	8	8	62	0	0	0	0
12A	2015	Cow	11/06 - 11/19	10	53	46	15.1	10	10	113	0	0	0	0
12A	2015	Cow	11/20 - 12/31	10	49	54	18.4	10	8	93	0	0	0	0
12A	2015	Cow	9/11 - 12/03	8	28	40	14.3	8	7	84	0	1	1	14
12A	2015	Cow	9/11 - 9/24	8	9	29	11.1	8	7	53	0	4	4	57
12A	2015	Cow	8/14 - 8/27	8	12	14	25.0	8	8	43	1	6	7	88
12A	2015	Cow	8/28 - 9/10	8	6	8	66.7	8	7	79	0	0	0	0
12A	2016	Cow	7/15 - 7/28	8	8	27	37.5	8	7	42	0	7	7	100
12A	2016	Cow	7/29 - 8/11	8	8	20	62.5	8	8	88	0	1	1	13
12A	2016	Cow	9/23 - 10/06	8	38	25	10.5	8	7	86	1	0	1	14
12A	2016	Cow	10/07 - 10/20	8	18	33	38.9	8	8	84	1	2	3	38
12A	2016	Cow	10/21 - 11/03	8	10	25	20.0	8	8	78	0	0	0	0
12A	2016	Cow	11/04 - 12/31	8	27	35	22.2	8	6	61	0	2	2	33
12A	2016	Cow	9/09 - 9/22	8	16	21	25.0	8	7	76	0	0	0	0
12A	2016	Cow	8/12 - 8/25	8	17	18	35.3	8	8	53	0	4	4	50
12A	2016	Cow	8/26 - 9/08	8	8	20	50.0	8	6	59	0	2	2	33
12A	2014	CY	9/12 - 9/25	7	69	31	7.3	7	7	38	0	6	6	86
12A	2014	CY	9/26 - 10/09	7	18	60	11.1	7	7	57	0	2	3	43
12A	2014	CY	10/10 - 10/23	7	19	25	31.6	7	7	26	2	5	7	100
12A	2014	CY	10/24 - 11/06	7	8	21	50.0	7	6	19	1	5	6	100
12A	2014	CY	11/07 - 11/20	7	20	30	35.0	7	7	54	0	6	6	86
12A	2014	CY	11/21 - 12/04	7	31	22	12.9	7	5	19	0	3	3	60
12A	2014	CY	8/15 - 8/28	7	34	13	14.7	7	7	60	0	2	2	29
12A	2014	CY	8/29 - 9/11	7	10	33	0.0	7	7	34	1	5	6	86
12A	2015	CY	7/03 - 7/16	7	31	48	12.9	7	6	56	1	0	1	17
12A	2015	CY	7/17 - 7/30	7	4	27	25.0	7	7	64	2	3	5	71
12A	2015	CY	7/31 - 8/13	7	9	18	44.4	7	6	54	0	0	0	0
12A	2012	Any	1/1 - 6/14	0	0	0	-	14	14	195	10	1	11	79
12A	2013	Any	1/1 - 6/14	0	0	0	-	14	14	151	10	2	12	86
12A	2014	Any	1/01 - 6/14	20	542	122	3.5	20	20	280	20	0	20	100
12A	2015	Any	7/19 - 7/19	1	0	0	-	1	1	25	1	0	1	100
12A	2015	Any	9/25 - 10/08	2	356	79	0.6	2	2	16	1	0	1	50
12A	2015	Any	10/09 - 10/22	2	86	249	0.0	2	2	15	1	0	1	50
12A	2015	Any	10/23 - 11/08	2	105	95	0.0	2	2	25	1	1	2	100
12A	2015	Any	9/11 - 12/03	2	180	96	1.1	2	2	43	0	0	0	0
12A	2015	Any	9/11 - 9/24	2	90	55	2.2	2	1	6	1	0	1	100
12A	2015	Any	8/14 - 8/27	2	103	25	1.9	2	2	18	1	0	1	50
12A	2015	Any	8/28 - 9/10	2	17	59	5.9	2	2	19	1	1	2	100
12A	2015	Any	1/01 - 5/31	30	739	41	4.1	30	30	714	15	0	15	50
12A	2016	Any	1/01 - 6/30	30	518	90	5.2	33	32	502	20	4	24	75
12A	2016	Any	7/15 - 7/28	2	60	99	3.3	2	2	13	1	0	1	50
12A	2016	Any	7/29 - 8/11	2	16	42	0.0	2	2	21	2	0	2	100
12A	2016	Any	9/23 - 10/06	2	235	68	0.9	2	2	24	2	0	2	100
12A	2016	Any	10/07 - 10/20	2	70	164	0.0	2	0	0	0	0	0	-
12A	2016	Any	10/21 - 11/03	2	52	76	1.9	2	2	28	0	0	0	0
12A	2016	Any	11/04 - 12/31	2	152	72	1.3	2	1	8	1	0	1	100
12A	2016	Any	9/09 - 9/22	2	84	32	2.4	2	2	11	2	0	2	100
12A	2016	Any	8/12 - 8/25	2	122	28	0.8	2	2	11	1	0	1	50
12A	2016	Any	8/26 - 9/08	2	31	71	0.0	2	2	21	1	0	1	50
12A	2013	SP	-	0	0	0	-	3	1	1	2	0	2	200
<b>TOTAL - SUMMARY FOR RAYMOND WILDLIFE AREA</b>														
5B	2012		-	0	0	0	-	10	10	16	6	4	10	100
5B	2013		-	0	0	0	-	10	10	12	6	8	16	160
5B	2014		-	11	1788	1135	.3	11	11	11	10	5	15	136
5B	2015		-	8	521	517	1.2	8	8	10	4	4	8	100
5B	2016		-	41	1859	1557	1.6	42	42	43	13	26	40	95
<b>TOTAL SUMMARY FOR HOUSE ROCK WILDLIFE AREA ( INCLUDES POPULATION MANAGEMENT SEASON AND SPECIAL TAG SEASON DATA)</b>														
12A	2012		-	0	0	0	-	14	14	195	10	1	11	79
12A	2013		-	0	0	0	-	17	15	152	12	2	14	93
12A	2014		-	76	751	357	6.9	76	73	587	24	34	59	81
12A	2015		-	142	1973	1079	4.7	142	134	1709	27	23	50	37
12A	2016		-	120	1490	966	5.2	123	112	1266	32	22	54	48

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# Black Bear (*Ursus americanus*)

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## *Natural History*

Black bears in Arizona are found in a variety of habitats, including subalpine and montane conifer forests, riparian forests, evergreen woodlands, and chaparral. An interesting footnote to black bear distribution in the state is the absence of any sizeable population of black bears north of the Colorado River.

Cubs are born in winter dens during January, usually in pairs, but larger litters are not uncommon. Cubs weigh only 6 to 12 ounces at birth and are helpless, but they grow and develop rapidly, emerging from the den with their mother in April. The mother stays with her cubs through the first summer and fall, and dens with them again the following winter. Female black bears in Arizona usually reach reproductive age in their fourth

year, and generally breed every other year. Normal reproductive cycles in Arizona black bears may be adversely affected by drought, and/or poor physiological condition. Adult males weigh up to 350 pounds and adult females up to 250 pounds. Black bears are relatively long-lived animals, with some individuals exceeding 20 years of age.

Black bears are normally shy, secretive animals displaying high levels of intelligence and exploratory behavior. Although bears are generally most active in the early morning and late evening, they may alter their activity pattern to exploit sources of artificial food, becoming nocturnal at campgrounds and dumpsites. Nuisance activities are nearly always associated with artificial food sources (beehives, campgrounds, and livestock).

Bears are usually solitary animals; the exceptions are family groups (mother and cubs), breeding pairs, and congregations at feeding



BOB MILES

sites. Both adults and sub-adults are known to move long distances (100 miles) to exploit isolated pockets of food. The mobility of black bears sometimes leads them to appear in uncharacteristic habitats and to return from long distances after being moved. Most Arizona black bears hibernate from November through March, during which time they reduce their body temperature, heart rate, and metabolic function, while still remaining somewhat conscious in the den.

### *Hunt History*

Bear hunting has a long history in Arizona. As late as 1928, bears were classified as predatory animals and could be shot or trapped at any time. In 1929, however, a new “game code” classified bears of all kinds as big game, provided a month-long open season, and prescribed a bag limit of one. Bears could not be trapped, but they could be taken with dogs. Later years were even more restrictive; cubs were protected in 1934, and in 1936, the bear season was closed south of the Gila River.

The status of bears deteriorated drastically during World War II. In 1942 all of the state’s refuges were open to bear hunting and the season was reopened in Cochise and Graham counties at the request of stockmen. In 1944, month-long fall and spring hunts were authorized. The following year, bears lost their designation as game animals, and in 1949 a year-long season was authorized for Apache, Greenlee, Graham, and eastern Coconino counties, except during the seasons for other big-game species. After reinstating spring and fall bear seasons in 1950, the Arizona Game and Fish

Commission again opted for year-long seasons from 1951 to 1953.

After 1954, bear regulations became more restrictive, tags were required to take one, and in 1968 the black bear was again classified as big game. This designation was appropriate as hunter interest in the species was increasing. Hunt success varied with weather conditions and population vagaries, but annual bear harvests ranged from 131 to 313 for the years 1964 through 1980. Relatively few bears were taken under the stock-taking clause, most of them being taken by sport hunters. Concern about the bear’s relatively

low reproductive rate caused the Department to monitor the bear harvest more closely. Accordingly, mandatory check-out procedures were initiated in 1980. Other recent changes in regulations have included the authorization of a permit-only spring season in select units, the elimination of



**Black bear distribution**

bear-baiting as a method of take, and unit harvest limits in which the season is closed after a certain number of female bears are taken.

## Black Bear Hunt Data

### *Historic Summary of Black Bear Hunt Data*

Year	Tags Issued	Harvest			Total Harvest
		Hunter <sup>2</sup>	Depredation	Other <sup>3</sup>	
1964	6638	178	0	0	178
1965	5974	131	0	0	131
1966	5798	134	0	0	134
1967	6344	219	0	0	219
1968	8264	242	0	0	242
1969	8978	268	0	0	268
1970	8454	236	0	0	236
1971	8042	241	33	0	274
1972	6009	187	17	0	204
1973	7162	225	2	0	227
1974	6839	202	12	0	214
1975	6746	224	9	0	233
1976	7055	265	10	0	275
1977	8707	309	4	0	313
1978	8985	264	6	0	270
1979	8833	251	2	0	253
1980	7820	255	2	0	257
1981	8494	287	5	0	292
1982	7178	260	8	0	268
1983	6183	273	1	0	274
1984	5258	246	5	0	251
1985	4917	251	6	0	257
1986	4816	182	7	0	189
1987	5117	302	9	0	311
1988	4272	146	7	2	155
1989	4714	271	18	3	292
1990	3711	149	11	1	161
1991	2843	96	4	1	101
1992	3217	121	1	0	122
1993	3329	117	1	3	121
1994	4376	236	2	14	252
1995	4586	197	1	0	198
1996	4462	254	5	19	278
1997	4093	224	2	6	232
1998	4461	142	0	13	155
1999	4163	181	0	5	186
2000	4413	320	2	46	368
2001	4293	178	6	6	184
2002	4535	230	1	16	252
2003	4525	214	5	34	249
2004	4521	160	5	11	176
2005	4850	158	0	2	160
2006	4840	197	1	40	238
2007	6110	217	2	19	238
2008	5925	179	1	13	193
2009	5371	239	1	26	266
2010	5266	235	2	17	254
2011	2099	291	4	27	322
2012	5347	301	4	37	342
2013	5463	226	3	20	249
2014	5371	221	2	25	248
2015	4902	240	0	14	254
2016	4994	274	0	24	298

<sup>1</sup> Data from Indian Reservations are included through 1987 and excluded thereafter.

<sup>2</sup> Estimated from a mail questionnaire from 1964-1987 and from mandatory check-outs from 1988-present.

<sup>3</sup> Includes known kills other than hunter harvest or depredation (e.g., highway mortality, capture mortality, and illegal take).

# Black Bear Harvest Data

## 5-Year: 2012-2016 Black Bear Harvest Data<sup>1</sup>

Unit	Year	Harvest			Hunter Harv. Using Dogs	Sex of Hunter Harv.		Month of Hunter Harvest							Fem. Med. Age
		Hunter	Depredation	Other		Male	Female	Spring <sup>2</sup>	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.	
1	2012	26	0	1	19	22	4	0	11	4	9	1	0	0	4
1	2013	19	0	4	11	12	7	0	14	1	3	1	0	0	4
1	2014	20	0	0	16	11	9	0	13	2	4	1	0	0	9
1	2015	16	0	1	13	9	7	0	14	0	2	0	0	0	6
1	2016	24	0	3	21	10	14	0	15	1	8	0	0	0	4
2B	2016	0	0	1	-	-	-	-	-	-	-	-	-	-	-
3B	2012	10	0	5	4	8	2	1	3	1	4	0	1	0	14
3B	2013	1	0	2	1	0	1	0	0	1	0	0	0	0	4
3B	2014	5	0	3	5	3	2	0	1	1	3	0	0	0	4
3B	2015	1	0	3	0	1	0	0	1	0	0	0	0	0	-
3B	2016	9	0	3	7	6	3	0	5	1	3	0	0	0	2.5
3C	2012	6	0	4	2	3	3	2	0	2	2	0	0	0	3
3C	2013	4	0	2	0	2	2	1	1	0	1	1	0	0	5
3C	2014	3	1	5	1	0	3	0	1	1	1	0	0	0	3
3C	2016	3	0	3	0	1	2	0	0	1	2	0	0	0	1
4A	2012	0	0	2	-	-	-	-	-	-	-	-	-	-	-
4A	2013	5	0	0	5	3	2	0	0	0	0	5	0	0	1
4A	2014	3	0	0	2	1	2	0	0	0	0	2	1	0	5
4A	2016	4	0	0	2	0	4	0	0	0	1	3	0	0	3
4B	2012	4	0	1	3	2	2	0	0	2	2	0	0	0	12
4B	2013	2	0	0	1	2	0	0	0	0	1	1	0	0	-
4B	2014	1	0	2	1	0	1	0	0	1	0	0	0	0	6
4B	2015	3	0	0	2	0	3	0	1	1	1	0	0	0	5
4B	2016	1	0	0	0	0	1	0	0	0	0	0	1	0	-
5A	2012	11	0	0	9	9	2	0	1	0	0	10	0	0	5
5A	2013	10	0	1	9	7	3	0	0	0	0	10	0	0	3
5A	2014	2	0	0	0	1	1	0	0	0	1	1	0	0	2
5A	2015	3	0	0	1	2	1	0	0	0	0	3	0	0	6
5A	2016	7	0	1	5	4	3	0	0	0	6	1	0	0	3
5B	2012	8	0	0	4	5	3	0	0	0	7	0	0	0	5
5B	2013	3	0	0	3	0	3	0	0	0	3	0	0	0	6
5B	2014	8	0	2	7	6	2	0	0	0	5	3	0	0	3
5B	2015	3	0	0	3	1	2	0	0	0	3	0	0	0	8
5B	2016	12	0	0	10	10	1	1	0	0	10	1	0	0	10
6A	2012	15	0	2	5	9	6	0	7	0	8	0	0	0	10.5
6A	2013	11	0	0	1	4	7	0	7	0	4	0	0	0	4
6A	2014	17	0	0	1	12	5	0	7	3	6	1	0	0	5
6A	2015	12	0	0	3	7	5	0	3	0	5	4	0	0	3
6A	2016	12	0	0	2	8	4	1	5	0	6	0	0	0	5
6B	2012	5	0	0	1	2	3	0	5	0	0	0	0	0	2
6B	2013	8	0	0	0	5	3	0	8	0	0	0	0	0	5
6B	2014	5	0	1	0	3	2	0	5	0	0	0	0	0	3
6B	2015	5	0	0	2	1	4	0	5	0	0	0	0	0	5
6B	2016	6	0	0	0	2	4	0	6	0	0	0	0	0	2
7	2012	5	0	1	3	2	3	0	0	0	5	0	0	0	5
7	2013	8	1	0	4	6	2	0	2	0	6	0	0	0	3
7	2014	7	0	1	2	4	3	0	0	0	5	2	0	0	18
7	2015	6	0	1	2	4	2	0	0	0	3	2	1	0	6
7	2016	6	0	1	3	3	3	0	0	2	4	0	0	0	1
8	2013	14	0	0	2	12	2	0	0	0	14	0	0	0	10.5
8	2014	12	0	1	6	9	3	1	0	0	9	1	1	0	7
8	2015	13	0	1	3	9	4	0	0	1	12	0	0	0	8
8	2016	13	0	0	4	7	6	0	0	2	11	0	0	0	4
9	2012	1	0	0	1	0	1	0	0	0	1	0	0	0	15
9	2014	1	0	0	0	0	1	0	0	0	0	1	0	0	7
9	2016	1	0	0	1	0	1	0	0	0	0	0	1	0	6
10	2016	1	0	0	0	1	0	0	0	0	0	1	0	0	-
11M	2012	1	0	2	1	0	1	0	1	0	0	0	0	0	3

<sup>1</sup> Excluding data from Indian Reservations.

<sup>2</sup> For Archery-Only Spring Bear hunts ending in August or September, bear harvest occurring in August or September will be reflected in the appropriate month of harvest column. All other spring harvest will be reflected in the Spring column.

## Black Bear Harvest Data

5-Year: 2012-2016 Black Bear Harvest Data<sup>1</sup>

Unit	Year	Harvest			Hunter Harv. Using Dogs	Sex of Hunter Harv.		Month of Hunter Harvest							Fem. Med. Age
		Hunter	Depredation	Other		Male	Female	Spring <sup>2</sup>	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.	
11M	2013	1	0	0	0	0	1	0	1	0	0	0	0	0	2
11M	2014	1	0	0	0	0	1	0	1	0	0	0	0	0	15
11M	2016	1	0	0	0	1	0	1	0	0	0	0	0	-	
13B	2015	0	0	1	-	-	-	-	-	-	-	-	-	-	
17A	2012	1	0	0	0	1	0	0	0	0	1	0	0	-	
17B	2013	1	0	0	1	0	1	0	1	0	0	0	0	4	
17B	2014	2	0	0	0	1	1	0	0	0	2	0	0	-	
17B	2016	1	0	0	1	1	0	0	0	1	0	0	0	-	
18A	2014	0	0	1	-	-	-	-	-	-	-	-	-	-	
18B	2012	3	0	0	3	1	2	0	1	1	1	0	0	11.5	
18B	2013	4	0	0	4	3	1	1	0	1	2	0	0	5	
18B	2014	0	0	1	-	-	-	-	-	-	-	-	-	-	
18B	2015	0	0	1	-	-	-	-	-	-	-	-	-	-	
18B	2016	1	0	0	0	1	0	0	0	0	0	1	0	-	
19A	2012	3	0	0	1	2	1	0	0	1	1	1	0	7	
19A	2013	4	0	1	0	1	3	0	2	0	2	0	0	6.5	
19A	2014	4	0	0	2	1	3	0	0	1	3	0	0	3	
19A	2015	5	0	0	2	1	4	0	1	0	4	0	0	9	
19A	2016	8	0	0	0	3	5	2	1	1	4	0	0	3.5	
20A	2012	2	0	0	1	2	0	0	0	1	1	0	0	-	
20A	2013	2	0	0	1	2	0	0	0	0	2	0	0	-	
20A	2014	1	0	0	0	1	0	0	0	0	1	0	0	-	
20A	2015	3	0	0	1	1	2	0	2	0	0	1	0	2	
20A	2016	2	0	1	1	2	0	0	0	0	1	1	0	-	
20B	2013	0	0	1	-	-	-	-	-	-	-	-	-	-	
20B	2015	0	0	1	-	-	-	-	-	-	-	-	-	-	
21	2012	6	0	0	0	4	2	0	0	0	6	0	0	8	
21	2013	4	0	0	0	3	1	0	0	0	3	1	0	14	
21	2014	4	0	0	0	2	2	0	0	0	3	1	0	4.5	
21	2015	10	0	0	0	6	4	0	0	0	10	0	0	4	
21	2016	6	0	0	0	4	2	0	0	1	4	1	0	7.5	
22N	2012	15	0	4	4	13	2	1	4	1	6	3	0	4	
22N	2013	7	0	0	4	5	2	0	0	0	6	1	0	10	
22N	2014	10	0	0	4	7	3	1	1	2	4	0	2	7	
22N	2015	15	0	0	7	11	4	3	2	0	9	1	0	6	
22N	2016	20	0	2	4	10	10	3	3	0	14	0	0	8	
22S	2012	14	0	0	0	9	5	1	9	1	3	0	0	13.5	
22S	2013	4	0	2	0	0	4	1	3	0	0	0	0	5.5	
22S	2014	6	0	1	0	4	2	1	3	0	2	0	0	2	
22S	2015	7	0	1	0	4	3	0	5	1	1	0	0	3	
22S	2016	4	0	0	0	3	1	1	2	0	1	0	0	4	
23	2015	1	0	0	0	1	0	1	0	0	0	0	0	-	
23	2016	4	0	2	1	4	0	1	2	0	1	0	0	-	
23N	2012	15	0	0	9	6	9	1	3	0	11	0	0	8	
23N	2013	16	0	0	9	10	6	1	3	2	10	0	0	7	
23N	2014	24	0	2	11	16	8	3	7	1	11	2	0	6.5	
23N	2015	16	0	1	12	9	7	1	4	1	7	3	0	6	
23N	2016	13	0	1	4	5	8	0	2	2	9	0	0	7	
23S	2012	24	0	0	1	12	12	0	24	0	0	0	0	11	
23S	2013	20	0	0	1	14	6	0	11	6	2	1	0	3.5	
23S	2014	20	0	0	1	9	11	0	20	0	0	0	0	6	
23S	2015	27	0	0	4	16	11	0	25	2	0	0	0	3	
23S	2016	24	0	0	5	13	11	0	14	2	8	0	0	5	
24A	2012	17	0	2	0	10	7	2	11	0	4	0	0	4	
24A	2013	7	0	2	0	7	0	1	1	2	2	0	1	-	
24A	2014	10	0	3	0	4	5	1	7	0	2	0	0	8	
24A	2015	8	0	0	0	5	3	3	3	0	1	1	0	3	
24A	2016	10	0	0	1	4	6	0	8	1	1	0	0	5	

<sup>1</sup> Excluding data from Indian Reservations.

<sup>2</sup> For Archery-Only Spring Bear hunts ending in August or September, bear harvest occurring in August or September will be reflected in the appropriate month of harvest column. All other spring harvest will be reflected in the Spring column.

# Black Bear Harvest Data

5-Year: 2012-2016 Black Bear Harvest Data<sup>1</sup>

Unit	Year	Harvest			Hunter Harv. Using Dogs	Sex of Hunter Harv.		Month of Hunter Harvest							Fem. Med. Age
		Hunter	Depredation	Other		Male	Female	Spring <sup>2</sup>	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.	
24B	2012	2	0	0	0	1	1	0	2	0	0	0	0	0	4
24B	2013	0	0	1	-	-	-	-	-	-	-	-	-	-	20
24B	2014	1	0	0	0	0	1	0	1	0	0	0	0	0	7
24B	2016	2	0	1	0	2	0	0	0	0	1	0	1	0	16
27	2012	45	1	2	5	26	19	1	4	9	30	0	0	0	6.5
27	2013	21	0	1	5	14	7	0	5	1	9	4	2	0	5.5
27	2014	19	0	0	5	11	8	1	7	0	9	2	0	0	12
27	2015	34	0	1	7	21	13	0	11	1	18	4	0	0	6
27	2016	42	0	2	12	27	15	3	8	5	22	4	0	0	6
28	2012	3	0	0	0	3	0	0	0	0	2	1	0	0	-
28	2013	1	0	0	0	0	1	0	0	0	1	0	0	0	3
28	2015	1	0	0	0	0	1	0	0	0	1	0	0	0	-
28	2016	4	0	0	0	3	1	1	0	1	2	0	0	0	2
29	2012	6	0	3	2	3	3	0	0	0	6	0	0	0	12
29	2013	18	0	1	7	7	11	0	1	1	16	0	0	0	14.5
29	2014	7	0	0	0	3	4	0	1	0	5	1	0	0	6.5
29	2015	14	0	2	4	6	8	0	1	1	12	0	0	0	13
29	2016	5	0	0	1	3	2	0	0	1	4	0	0	0	7.5
30A	2012	5	0	2	0	2	3	0	0	0	5	0	0	0	4
30A	2013	1	0	0	0	0	1	1	0	0	0	0	0	0	16
30A	2014	1	0	0	0	0	1	0	0	0	1	0	0	0	12
30A	2015	3	0	0	0	0	3	1	0	0	2	0	0	0	6
30A	2016	6	0	0	0	5	1	0	0	0	5	1	0	0	-
30B	2016	0	0	1	-	-	-	-	-	-	-	-	-	-	-
31	2012	7	0	1	0	4	3	0	0	0	7	0	0	0	5
31	2013	7	0	0	0	3	4	0	0	0	7	0	0	0	3
31	2014	8	1	1	0	4	4	0	0	0	8	0	0	0	8
31	2015	11	0	0	0	5	6	0	0	0	11	0	0	0	7
31	2016	4	0	0	0	3	1	1	0	1	2	0	0	0	-
32	2012	11	3	0	1	8	3	0	1	0	9	1	0	0	4
32	2013	7	2	0	0	5	2	1	1	1	1	3	0	0	13
32	2014	8	0	0	0	6	2	0	2	1	4	1	0	0	9.5
32	2015	7	0	0	0	5	2	1	1	0	4	0	1	0	6.5
32	2016	4	0	0	0	3	0	1	0	1	2	0	0	0	-
33	2012	1	0	2	0	1	0	1	0	0	0	0	0	0	-
33	2013	1	0	0	0	1	0	1	0	0	0	0	0	0	-
33	2016	6	0	0	0	3	3	3	0	0	3	0	0	0	3
34A	2012	11	0	0	0	9	2	4	3	4	0	0	0	0	3
34A	2013	8	0	1	2	6	2	2	2	2	1	0	0	0	14
34A	2014	7	0	0	0	4	3	6	0	1	0	0	0	0	10
34A	2015	7	0	0	2	5	2	4	3	0	0	0	0	0	9
34A	2016	5	0	0	0	3	2	2	2	0	0	1	0	0	12
35A	2012	5	0	3	0	1	4	5	0	0	0	0	0	0	5
35A	2013	5	0	0	0	1	4	4	1	0	0	0	0	0	9
35A	2014	4	0	0	0	1	3	3	1	0	0	0	0	0	13
35A	2015	9	0	0	1	3	6	6	2	1	0	0	0	0	10
35A	2016	3	0	2	0	3	0	2	1	0	0	0	0	0	3
35B	2012	1	0	0	0	1	0	1	0	0	0	0	0	0	-
35B	2013	2	0	0	0	1	1	0	0	2	0	0	0	0	11
35B	2014	0	0	1	-	-	-	-	-	-	-	-	-	-	-
36C	2012	1	0	0	1	0	1	0	0	0	0	1	0	0	-
41W	2016	0	0	0	-	-	-	-	-	-	-	-	-	-	-
Total	2012	301	4	37	81	189	112	20	90	27	142	18	1	0	
Total	2013	226	3	20	71	136	90	14	64	20	96	28	3	0	
Total	2014	221	2	25	64	124	96	17	78	14	89	19	4	0	
Total	2015	240	0	14	69	133	107	20	84	9	-	19	2	0	
Total	2016	274	0	24	85	158	114	23	74	24	135	15	3	0	
Percent	2012				27	63	37	7	30	9	47	6	0		
Percent	2013				31	60	40	6	28	9	42	12	1		
Percent	2014				29	56	44	8	35	6	40	9	2		
Percent	2015				29	55	45	8	35	4	44	8	1		
Percent	2016				31	58	42	8	27	9	49	5	1		

## Black Bear Hunt Data

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# Mountain Lion (*Felis concolor*)

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## *Natural History*

In Arizona, mountain lions are absent only from those areas heavily impacted by human development. In general, the distribution of mountain lions in the state corresponds with the distribution of major prey species, mule and white-tailed deer. Suitable habitat typically consists of desert and forested mountains with broken terrain, canyons, and rocky slopes.

Mountain lions may breed at any time of the year, and consequently litters may be born in any month. However, summer is the peak period of kitten births with litter sizes of two to four being common. The kittens remain with their mother for 15 to 22 months learning the skills necessary for survival. Young males

tend to disperse long distances compared to the relatively short distances for young females. Mountain lions are essentially solitary animals. Adult females may be accompanied by kittens, but are normally not associated with other adult animals except for mating purposes. Adult females weigh up to 100 pounds while adult males may reach 150 pounds.

While deer are the principal mountain lion prey species in Arizona, javelina, elk, bighorn, pronghorn, and livestock can be major components of their diet. Mountain lions are stalk and ambush predators that hunt primarily at night. They prefer to stalk from above, using rock ledges and steep terrain. Uneaten portions of a kill are often hidden or covered with leaves, dirt, or other debris. An entire deer can be consumed

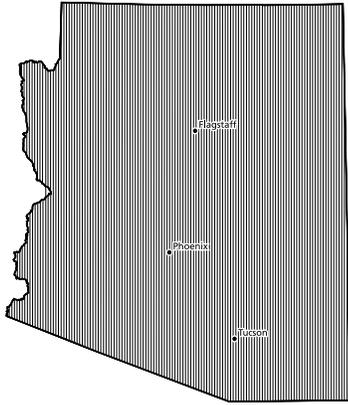


GEORGE ANDREJKO

# Mountain Lion

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by an adult mountain lion in two nights. An experienced observer is usually able to detect the presence of a mountain lion in an area through the presence of tracks and scrapes, scat, and kills.



## Mountain lion distribution

even though ranchers and their agents could still take a depredating lion. A mandatory checkout procedure and other reporting requirements were instituted in 1982. Reporting information indicates that lion harvests have gradually increased over time. Recently, the annual kill has ranged between 250 and 350 animals, of which about 10-12 percent are taken by predator control agents.

## *Hunt History*

Lions were classified as a “predatory animal” by the territorial legislature and were subject to a statewide bounty of \$50 dollars in 1919. This status continued until 1970 when the mountain lion was classified as a big-game animal and a tag was required to take one,

# Mountain Lion Hunt Data

## *Historic Summary of Mountain Lion Hunt Data*

Year	Tags Issued	Harvest				Hunter Harvest Using Dogs	Sex of Hunter Harvest		
		Hunter <sup>2</sup>	Depredation <sup>3</sup>	Other <sup>4</sup>	Total		Male	Female	Unclassified
1951	–	–	181	0	181	–	–	–	–
1952	–	–	198	0	198	–	–	–	–
1953	–	–	200	0	200	–	–	–	–
1954	–	–	201	0	201	–	–	–	–
1955	–	–	230	0	230	–	–	–	–
1956	–	–	189	0	189	–	–	–	–
1957	–	–	266	0	266	–	–	–	–
1958	–	–	264	0	264	–	–	–	–
1959	–	–	243	0	243	–	–	–	–
1960	–	–	215	0	215	–	–	–	–
1961	–	–	242	0	242	–	–	–	–
1962	–	–	231	0	231	–	–	–	–
1963	–	–	197	0	197	–	–	–	–
1964	–	–	267	0	267	–	–	–	–
1965	–	–	286	0	286	–	–	–	–
1966	–	–	257	0	257	–	–	–	–
1967	–	–	257	0	257	–	–	–	–
1968	–	–	226	0	226	–	–	–	–
1969	–	–	217	0	217	–	–	–	–
1970	–	–	278	0	278	–	–	–	–
1971	3835	172	0	0	172	–	–	–	–
1972	4214	120	48	0	168	–	–	–	–
1973	4917	190	15	0	205	–	–	–	–
1974	4896	172	22	0	194	–	–	–	–
1975	5460	219	19	1	239	–	–	–	–
1976	6261	238	14	0	252	–	–	–	–
1977	7498	248	4	0	252	–	–	–	–
1978	7964	229	12	0	241	–	–	–	–
1979	7938	283	7	0	290	–	–	–	–
1980	7799	204	2	0	206	–	–	–	–
1981	7871	191	9	1	201	–	–	–	–
1982	8069	316	8	1	325	–	–	–	–
1983	7004	221	7	1	229	–	–	–	–
1984	6876	184	9	0	193	–	–	–	–
1985	7523	246	19	7	272	–	–	–	–
1986	7936	191	25	0	216	–	–	–	–
1987	8304	205	31	5	241	127	109	89	7
1988	8495	183	24	1	208	104	82	99	2
1989	3656	130	65	1	196	85	77	51	2
1990	3046	188	40	1	229	125	108	74	6
1991	3038	179	25	1	205	115	107	71	1
1992	3177	201	28	5	234	147	113	83	5
1993	3407	188	38	12	238	117	106	81	1
1994	4156	215	35	6	256	128	120	93	2
1995	4859	234	31	1	266	150	126	103	5
1996	5552	225	38	2	265	131	119	106	0
1997	5657	269	48	3	320	182	134	134	1
1998	6590	289	52	1	342	192	150	136	3
1999	6885	247	49	2	298	161	126	120	1
2000	7478	276	53	0	329	193	133	141	2
2001	8109	326	58	0	384	214	176	144	6
2002	8274	264	50	5	319	175	144	116	4
2003	8089	218	66	12	296	164	107	111	0
2004	8964	247	31	1	279	167	123	122	2
2005	10117	204	41	0	245	120	103	101	0
2006	10931	221	36	5	262	136	108	113	0
2007	10995	256	28	5	289	170	146	109	1
2008	10713	265	42	5	311	168	142	121	2
2009	10467	246	29	7	282	166	149	97	0
2010	10358	247	31	7	285	165	147	99	1

<sup>1</sup>Data from Indian Reservations are included through 1987 and excluded thereafter.

<sup>2</sup>Estimated from a mail questionnaire from 1971-1987 and from mandatory check-outs from 1988-present.

<sup>3</sup>As reported by Arizona Livestock Sanitary Board through June 30, 1970, and reported stock-killers since 1971.

<sup>4</sup>Includes known kills other than hunter harvest or depredation (e.g., highway mortality, capture mortality, and illegal take).

# Mountain Lion Harvest Data

## Historic Summary of Mountain Lion Harvest<sup>1</sup>

Year	Tags Issued	Harvest				Hunter Harvest Using Dogs	Sex of Hunter Harvest		
		Hunter <sup>2</sup>	Depredation <sup>3</sup>	Other <sup>4</sup>	Total		Male	Female	Unclassified
2011	10292	287	38	4	329	199	159	125	
2012	10942	235	37	4	276	155	128	107	
2013	10951	302	41	1	344	219	162	136	
2014	11128	233	33	2	268	164	112	119	
2015	10940	324	33	3	360	247	170	152	

<sup>1</sup>Data from Indian Reservations are included through 1987 and excluded thereafter.

<sup>2</sup>Estimated from a mail questionnaire from 1971-1987 and from mandatory check-outs from 1988-present.

<sup>3</sup>As reported by Arizona Livestock Sanitary Board through June 30, 1970, and reported stock-killers since 1971.

<sup>4</sup>Includes known kills other than hunter harvest or depredation (e.g., highway mortality, capture mortality, and illegal take).

## 5-Year: 2012-2016 Mountain Lion Harvest Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females >=3	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
1	2012	5	0	0	3	5	0	0	1	0	1	3
1	2013	2	0	0	1	1	1	1	0	0	1	1
1	2014	5	0	0	5	2	3	0	2	1	0	2
1	2015	16	0	0	15	11	5	2	6	0	0	10
1	2016	4	0	0	3	3	1	1	0	1	0	3
2A	2014	1	0	0	0	0	1	1	0	0	0	1
2B	2013	1	0	0	0	0	1	1	0	0	0	1
2B	2015	2	0	0	2	1	1	0	2	0	0	0
2B	2016	1	0	0	0	1	0	0	1	0	0	0
3B	2012	0	0	1	-	-	-	-	-	-	-	-
3B	2013	1	0	0	0	0	1	0	0	0	0	1
3B	2016	4	0	0	3	3	1	0	3	1	0	0
3C	2012	6	0	0	5	2	4	1	1	0	0	5
3C	2013	2	0	0	0	0	2	2	0	0	0	2
3C	2014	1	0	0	0	1	0	0	0	0	1	0
3C	2015	5	0	0	5	4	1	0	2	0	0	3
3C	2016	2	0	0	1	1	1	0	0	1	0	1
4A	2013	6	0	0	6	2	4	3	6	0	0	0
4A	2014	1	0	0	1	0	1	0	0	0	0	1
4A	2016	5	0	0	2	2	3	0	1	1	1	2
4B	2012	4	0	0	3	2	2	0	1	0	1	2
4B	2013	3	0	0	1	1	2	0	1	0	0	2
4B	2015	1	0	0	1	1	0	0	0	0	0	1
4B	2016	1	0	0	1	1	0	0	0	0	0	1
5A	2012	1	0	0	0	0	1	1	1	0	0	0
5A	2013	1	0	0	1	1	0	0	1	0	0	0
5A	2014	1	0	0	1	1	0	0	0	1	0	0
5A	2015	1	0	0	1	0	1	0	0	0	0	1
5A	2016	2	0	0	2	2	0	0	1	0	0	1
5B	2012	7	0	0	5	5	2	1	5	0	1	1
5B	2013	2	0	0	2	2	0	0	0	0	0	2
5B	2014	4	0	0	2	2	2	0	2	0	1	1
5B	2015	7	0	0	5	2	5	2	4	0	0	3
5B	2016	4	0	0	1	1	3	1	0	0	2	2
5BN	2016	4	0	0	3	2	2	2	1	0	1	2
5BS	2016	1	0	0	0	0	1	0	0	0	1	0
6A	2012	4	0	0	3	2	2	0	0	0	1	3
6A	2013	14	0	0	8	6	8	3	10	0	0	4
6A	2014	8	0	0	6	4	4	1	3	1	2	2
6A	2015	6	0	0	2	3	3	2	2	0	1	3
6A	2016	8	0	0	5	6	2	0	2	1	0	5
6AS	2012	5	0	0	4	2	3	2	5	0	0	0
6B	2013	1	0	0	0	1	0	0	0	0	0	1
6B	2015	1	0	0	0	1	0	0	1	0	0	0
6B	2016	1	0	0	1	1	0	0	1	0	0	0
7	2012	3	0	0	2	2	1	0	2	0	0	1

# Mountain Lion Harvest Data

5-Year: 2012-2016 Mountain Lion Harvest Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females >=3	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
7	2013	2	0	0	2	2	0	0	1	0	0	1
7	2014	1	0	0	1	1	0	0	1	0	0	0
7	2015	3	0	0	3	2	1	1	3	0	0	0
7	2016	1	0	0	1	0	1	0	1	0	0	0
8	2012	4	0	1	2	2	2	1	1	0	0	3
8	2013	7	0	0	4	5	2	1	3	0	0	4
8	2014	5	0	0	4	2	3	0	3	1	1	0
8	2015	7	0	0	6	4	3	2	4	1	0	2
8	2016	3	0	0	2	2	1	0	1	0	0	2
9	2012	8	0	0	6	5	3	1	4	0	0	4
9	2013	9	0	0	6	4	5	2	6	0	0	3
9	2014	1	0	0	1	1	0	0	0	0	0	1
9	2015	7	0	0	6	4	3	1	3	0	0	4
9	2016	2	0	0	1	0	2	1	1	0	0	1
10	2012	11	0	0	7	7	4	2	6	1	2	2
10	2013	8	0	0	6	4	4	0	6	0	1	1
10	2014	8	1	0	4	3	5	1	4	1	1	2
10	2015	2	0	0	2	1	1	0	2	0	0	0
10	2016	10	0	0	6	5	5	2	7	0	0	3
11M	2012	1	0	0	1	1	0	0	0	0	0	1
11M	2015	2	0	0	1	0	2	2	1	0	1	0
12	2016	1	0	0	0	1	0	0	1	0	0	0
12A	2012	4	0	0	4	2	2	0	0	0	0	4
12A	2013	12	0	0	11	7	5	4	6	1	0	5
12A	2014	16	0	0	15	6	10	5	5	2	0	9
12A	2015	20	0	0	19	9	11	4	11	2	0	7
12A	2016	9	0	0	9	8	1	0	2	1	0	6
12B	2014	2	0	0	2	2	0	0	0	0	0	2
13A	2012	1	0	0	1	1	0	0	0	0	0	1
13A	2013	8	0	0	8	3	5	1	4	0	0	4
13A	2014	1	0	0	1	1	0	0	0	0	0	1
13A	2015	2	0	0	1	1	1	1	0	0	0	2
13A	2016	8	0	0	5	3	5	0	4	0	0	4
13B	2013	1	0	0	0	1	0	0	1	0	0	0
13B	2014	2	0	0	1	1	1	0	0	0	1	1
13B	2015	8	0	0	5	4	4	2	3	0	0	5
13B	2016	2	0	0	2	2	0	0	1	0	0	1
13BS	2016	2	0	0	2	1	1	1	2	0	0	0
15A	2013	1	0	0	0	0	1	1	0	0	0	1
15A	2014	1	0	0	0	0	1	1	0	0	0	1
15A	2015	1	0	0	1	1	0	0	0	0	0	1
15A	2016	1	0	0	0	0	1	0	0	0	0	1
15B	2013	2	0	0	1	1	0	0	1	0	0	1
15B	2014	1	0	0	0	0	1	0	0	1	0	0
15B	2016	1	0	0	1	1	0	0	1	0	0	0
15CS	2016	1	0	0	1	0	1	0	1	0	0	0
15D	2012	0	0	1	-	-	-	-	-	-	-	-
16A	2012	1	0	0	1	0	1	1	1	0	0	0
16A	2013	2	0	0	1	1	1	0	2	0	0	0
16A	2014	1	0	0	1	1	0	0	0	0	0	1
16A	2015	1	0	0	0	1	0	0	1	0	0	0
16AN	2015	3	0	1	3	2	1	0	0	0	0	3
16AN	2016	6	0	0	4	3	3	1	1	2	0	3
16AS	2012	2	0	0	1	0	2	0	1	0	0	1
16AS	2013	2	0	0	2	2	0	0	1	1	0	0
16AS	2015	1	0	0	1	1	0	0	1	0	0	0
17A	2012	3	0	0	1	1	2	1	2	0	0	1
17A	2013	4	0	0	3	3	1	1	2	2	0	0
17A	2014	3	0	0	1	1	2	2	1	1	0	1
17A	2015	5	0	0	4	2	3	1	1	0	0	4
17A	2016	2	0	0	1	0	2	0	0	0	0	2
17B	2012	5	0	0	5	2	3	1	4	0	0	1

# Mountain Lion Harvest Data

## 5-Year: 2012-2016 Mountain Lion Harvest Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females >=3	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
17B	2013	10	0	0	9	7	3	1	4	0	0	6
17B	2014	5	0	0	5	3	2	2	2	0	0	3
17B	2015	13	0	0	13	10	3	2	10	2	0	1
17B	2016	17	0	0	15	7	10	4	5	4	1	7
18A	2012	2	0	0	0	2	0	0	1	0	0	1
18A	2013	2	0	0	2	1	1	0	2	0	0	0
18A	2014	4	1	0	2	1	3	1	2	1	0	1
18A	2015	7	0	0	7	4	3	1	6	0	0	1
18A	2016	4	0	0	4	3	1	0	0	1	0	3
18B	2013	3	0	0	1	0	3	0	1	0	0	2
18B	2014	3	2	0	3	1	2	2	1	1	0	1
18B	2015	4	5	0	4	2	2	0	3	0	0	1
18B	2016	4	0	0	2	1	3	1	2	0	1	1
18BS	2012	1	0	0	1	1	0	0	1	0	0	0
18BS	2014	2	0	0	2	1	1	0	1	0	0	1
18BS	2015	1	0	0	0	0	1	0	1	0	0	0
18BS	2016	4	0	0	2	1	3	1	0	1	0	3
19A	2012	1	0	0	0	1	0	0	1	0	0	0
19A	2014	5	0	0	4	3	2	0	3	2	0	0
19A	2015	5	1	0	4	2	3	2	1	1	2	1
19A	2016	5	0	0	2	3	2	1	4	0	0	1
19B	2012	1	0	0	0	0	1	0	0	0	0	1
19B	2013	3	0	0	2	2	1	0	2	1	0	0
19B	2014	1	0	0	1	1	0	0	1	0	0	0
19B	2015	6	0	0	4	3	3	0	3	0	1	2
19B	2016	3	0	0	2	2	1	1	1	1	0	1
20A	2012	4	0	0	3	1	3	1	3	0	1	0
20A	2013	4	0	0	3	1	3	1	3	0	1	0
20A	2014	5	0	0	5	3	2	1	2	2	0	1
20A	2015	1	0	0	0	0	1	1	0	0	0	1
20A	2016	4	0	0	4	2	2	2	2	0	0	2
20B	2012	3	0	0	2	2	1	0	1	0	0	2
20B	2013	5	0	0	4	3	2	2	0	0	1	4
20B	2014	1	0	1	1	0	1	1	0	1	0	0
20B	2015	3	0	0	2	3	0	0	1	0	0	2
20B	2016	4	0	0	4	2	2	1	4	0	0	0
20C	2012	5	0	0	4	1	4	1	3	1	0	1
20C	2013	5	0	0	3	3	2	1	2	0	0	3
20C	2014	2	0	0	2	2	0	0	0	0	1	1
20C	2015	3	0	0	3	2	1	1	1	1	1	0
20C	2016	2	0	0	2	1	1	0	1	0	0	1
21	2012	10	0	0	6	4	6	1	6	0	1	3
21	2013	4	1	0	3	3	1	1	2	0	0	2
21	2014	6	0	0	1	2	4	1	1	1	0	4
21	2015	7	0	0	1	2	4	0	0	0	0	7
21	2016	5	0	0	3	0	5	1	3	0	1	1
22	2012	7	0	0	7	5	2	0	2	2	0	3
22	2013	6	0	1	2	1	5	1	3	0	0	3
22	2014	3	0	0	2	2	1	1	3	0	0	0
22	2015	10	0	0	7	7	3	0	7	0	0	3
22	2016	6	0	0	3	1	5	1	2	0	1	3
22N	2016	1	0	0	1	1	0	0	0	0	0	1
22S	2012	3	0	0	1	1	2	1	1	0	1	1
22S	2013	3	0	0	2	1	2	1	2	0	0	1
22S	2016	2	0	0	1	1	1	0	0	0	0	2
23	2012	18	0	0	14	2	6	5	7	4	4	3
23	2013	16	0	0	14	9	7	0	7	0	5	4
23	2014	7	0	0	4	4	3	0	2	1	1	3
23	2015	18	0	0	17	11	7	1	9	2	0	7
23	2016	15	0	1	10	7	8	2	8	2	0	5
23N	2016	2	0	0	1	1	1	0	0	1	0	1
23S	2013	1	0	0	0	0	1	0	0	0	0	1

# Mountain Lion Harvest Data

5-Year: 2012-2016 Mountain Lion Harvest Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females >=3	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
24A	2012	5	0	0	2	2	3	1	1	0	0	4
24A	2013	9	0	0	9	7	2	1	6	1	0	2
24A	2014	8	0	0	4	5	3	2	2	2	2	2
24A	2015	9	0	2	5	6	3	1	3	0	1	5
24A	2016	11	0	0	4	7	4	2	7	0	2	2
24B	2012	2	0	0	1	1	1	1	1	0	0	1
24B	2013	9	0	0	9	5	4	2	5	3	0	1
24B	2014	2	1	0	1	2	0	0	0	1	0	1
24B	2015	1	0	0	1	1	0	0	0	0	0	1
24B	2016	8	0	0	4	2	6	1	4	0	0	4
26M	2013	1	0	0	0	0	1	0	0	0	0	1
27	2012	13	6	0	9	6	7	2	3	1	2	6
27	2013	7	1	0	5	6	1	0	5	1	1	0
27	2014	13	2	0	10	5	8	5	6	0	1	6
27	2015	10	1	0	7	8	2	1	3	1	0	6
27	2016	16	2	0	9	6	10	2	7	1	1	7
27L	2013	5	0	0	3	3	2	0	3	1	0	1
27L	2014	2	0	0	2	1	1	0	2	0	0	0
27L	2015	1	0	0	1	0	1	1	1	0	0	0
27L	2016	3	0	0	3	2	1	0	0	2	0	1
27U	2014	5	0	0	5	2	3	1	0	1	3	1
27U	2015	2	0	0	2	1	1	0	2	0	0	0
27U	2016	8	0	0	7	3	5	2	5	0	1	2
28	2012	3	9	0	3	1	2	0	0	1	0	2
28	2013	1	3	0	0	0	1	0	0	0	0	1
28	2014	3	6	0	3	1	2	1	1	1	0	1
28	2015	1	10	0	1	0	1	1	1	0	0	0
28	2016	8	4	0	6	5	3	1	5	0	1	2
28L	2014	2	0	0	0	0	2	0	1	0	1	0
28L	2015	1	0	0	1	0	1	0	0	1	0	0
29	2012	2	0	0	2	1	1	1	2	0	0	0
29	2013	2	0	0	1	1	1	0	2	0	0	0
29	2014	4	0	0	2	1	3	1	0	1	1	2
29	2015	4	0	0	4	2	2	1	4	0	0	0
29	2016	9	1	0	3	1	8	2	4	1	0	4
30A	2012	4	0	0	3	3	1	0	1	0	0	3
30A	2013	6	0	0	5	2	4	3	2	4	0	0
30A	2014	4	0	0	4	2	2	1	3	0	0	1
30A	2015	8	0	0	6	3	5	2	6	0	0	2
30A	2016	2	0	0	0	1	1	1	1	0	0	1
30B	2012	3	0	0	0	2	1	0	0	0	0	3
30B	2013	1	0	1	0	0	1	0	0	0	0	1
30B	2014	6	0	0	2	3	3	1	3	0	2	1
30B	2015	3	0	0	2	1	2	0	1	2	0	0
30B	2016	6	0	0	2	5	1	0	2	1	1	2
31	2012	5	3	0	4	3	2	2	5	0	0	0
31	2013	3	14	0	1	0	3	2	0	0	0	3
31	2014	3	8	0	2	2	1	1	2	1	0	0
31	2015	6	5	0	6	4	2	1	0	2	0	4
31	2016	3	3	0	2	3	0	0	0	0	2	1
31AG	2013	4	0	0	2	2	2	0	3	0	1	0
31AG	2014	1	0	0	1	1	0	0	1	0	0	0
32	2012	10	9	1	6	5	5	1	3	0	3	4
32	2013	9	11	0	8	5	4	2	5	0	1	3
32	2014	8	9	0	7	6	2	1	1	0	1	6
32	2015	11	11	0	10	6	5	1	7	1	0	3
32	2016	13	5	0	8	6	7	2	6	0	2	5
32AG	2013	14	0	0	14	8	6	4	9	4	0	1
32AG	2014	8	0	0	6	5	3	2	5	3	0	0
33	2012	22	0	0	16	13	9	2	11	2	1	8
33	2013	20	0	0	12	10	10	6	4	3	2	11
33	2014	13	1	1	7	8	5	1	6	2	1	4

# Mountain Lion Harvest Data

5-Year: 2012-2016 Mountain Lion Harvest Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females >=3	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
33	2015	21	0	0	14	8	12	5	9	1	2	9
33	2016	19	0	0	10	8	11	2	6	3	3	7
34A	2012	5	0	0	4	3	2	1	0	1	1	3
34A	2013	13	0	0	10	8	5	3	8	1	2	2
34A	2014	7	1	0	7	4	3	1	4	1	1	1
34A	2015	10	0	0	4	4	6	3	2	0	1	7
34A	2016	13	0	0	10	8	5	3	7	0	0	6
34B	2012	3	0	0	3	2	1	1	0	1	1	1
34B	2013	2	0	0	2	2	0	0	1	1	0	0
34B	2014	4	0	0	4	2	2	0	3	0	0	1
34B	2015	4	0	0	3	3	1	1	1	0	0	3
34B	2016	5	0	1	4	3	2	1	0	0	1	4
35A	2012	7	0	0	4	2	5	4	4	0	1	2
35A	2013	7	0	0	6	5	2	1	3	1	0	3
35A	2014	4	0	0	3	2	2	2	1	1	0	2
35A	2015	9	0	0	5	4	5	1	2	3	1	3
35A	2016	4	0	0	3	3	1	0	2	0	0	2
35B	2012	2	0	0	2	2	0	0	1	0	0	1
35B	2013	6	0	0	6	3	3	2	2	3	0	1
35B	2014	2	0	0	2	0	2	0	0	0	1	1
35B	2015	8	0	0	6	4	4	2	4	1	0	3
35B	2016	8	0	0	7	4	4	3	6	1	0	1
36A	2012	3	0	0	1	0	3	0	1	1	0	1
36A	2013	8	0	0	7	4	4	1	3	1	2	2
36A	2014	9	1	0	7	5	3	2	2	3	1	3
36A	2015	6	0	1	4	5	1	1	2	1	0	3
36A	2016	4	0	0	2	3	1	0	0	0	0	4
36B	2013	6	1	0	0	3	3	0	0	0	0	6
36B	2014	7	0	0	4	3	4	2	1	2	0	4
36B	2015	7	0	0	4	2	5	1	0	2	1	4
36B	2016	7	0	0	2	4	3	0	4	0	0	3
36C	2012	5	0	0	3	4	1	1	3	0	0	2
36C	2013	7	0	0	6	5	2	0	3	0	0	4
36C	2014	1	0	0	0	0	1	0	1	0	0	0
36C	2015	8	0	0	7	3	5	3	4	1	0	3
36C	2016	8	0	0	4	3	5	3	4	0	0	4
37A	2012	1	0	0	0	0	1	1	0	1	0	0
37A	2013	1	0	0	0	0	1	0	0	0	1	0
37A	2014	1	0	0	0	0	1	0	1	0	0	0
37B	2012	3	0	0	1	3	0	0	0	0	0	3
37B	2013	6	0	0	6	6	0	0	3	1	0	2
37B	2014	5	0	0	4	1	4	2	2	2	0	1
37B	2015	11	0	0	9	3	8	2	6	1	0	4
37B	2016	1	0	0	1	1	0	0	1	0	0	0
37BN	2012	1	0	0	0	1	0	0	0	1	0	0
37BN	2013	1	0	0	1	0	1	0	1	0	0	0
38M	2016	0	0	1	-	-	-	-	-	-	-	-
39	2012	2	0	0	0	1	1	0	1	0	0	1
39	2014	1	0	0	0	0	1	0	0	1	0	0
39	2015	1	0	0	1	1	0	0	1	0	0	0
41	2014	1	0	0	0	0	1	0	1	0	0	0
41W	2016	1	0	0	1	0	1	0	1	0	0	0
42	2012	2	0	0	1	1	1	1	2	0	0	0
42	2014	1	0	0	0	0	1	1	0	0	1	0
42	2015	2	0	0	0	0	2	2	2	0	0	0
42	2016	1	0	0	0	1	0	0	0	0	0	1
44A	2012	1	0	0	1	1	0	0	0	1	0	0
44A	2013	2	0	0	2	1	1	0	2	0	0	0
44A	2014	1	0	0	0	0	1	0	0	0	0	1
44A	2015	2	0	0	0	1	1	0	1	0	1	0
44AE	2012	1	0	0	1	0	1	1	1	0	0	0

# Mountain Lion Harvest Data

## 5-Year: 2012-2016 Mountain Lion Hunt Data

Unit	Year	Harvest			Hunter Harvest Using Dogs	Sex of Hunter Harvest		Adult Females $\geq 3$	Month of Hunter Harvest			
		Hunter	Depredation	Other		Male	Female		Jan. to March	Apr. to June	July to Sept.	Oct to Dec.
Total	2012	235	37	4	159	128	107	41	101	18	22	93
Total	2013	303	41	2	223	164	138	55	149	30	19	105
Total	2014	233	33	2	165	113	119	47	88	40	25	80
Total	2015	325	33	4	248	171	152	58	151	26	13	135
Total	2016	322	15	3	205	161	161	49	137	27	23	135
Percent	2012	85	13	1	68	54	46	38	43	8	9	40
Percent	2013	88	12	1	74	54	46	40	49	10	6	35
Percent	2014	87	12	1	71	49	51	39	38	17	11	34
Percent	2015	90	9	1	76	53	47	38	46	8	4	42
Percent	2016	95	4	1	64	50	50	30	43	8	7	42

1 Multiple Bag Limit area descriptions: 16AN = 16A North; 16AS = 16A South; 18BS = 18B South; 21; 27L = Lower Blue River Hunt Area in Unit 27; 27U = Upper Blue River Hunt Area in Unit 27; 28S = 28 South; 37B north of the Gila River.

\*\* Statewide harvest trends will be managed to keep adult ( $\geq 3$  year old) female harvest  $< 35\%$  of the total take within the standard management zone. Should 2-year mean female harvest comprise  $> 35\%$  of the harvest for a group of units that biologically may be combined as a subzone, the season may be restricted and female harvest limits may be established to reduce the overall female harvest in that subzone.

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# Small Game

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## Quail

Arizonans have the privilege of hunting three species of quail—four, if the few California quail found along the Little Colorado River drainage in Apache County are included. These are the Gambel's quail, scaled quail, and Mearns' or Montezuma quail. Another quail, formerly found in Arizona, the masked bobwhite, is listed federally as an endangered species.

Of the above species, the Gambel's or desert quail is by far the best known. Found in most of the state's counties, these birds are often hunted in open desert country where they are more apt to run or flush than hold for a dog. The Gambel's jaunty, plumed topknot, carried by both sexes, makes for ready identification, along with the male's bright russet cap, black face and bib, and cream-colored belly marked with a black horseshoe. As with all species of quail, the young of the year can be distinguished through their first winter by their spotted secondary wing coverts. Adult males average only about 6 ounces; the slightly smaller females between 5.7 and 5.9 ounces.

The handsome—rather than gaudy—scaled quail is

the second most commonly encountered quail in Arizona. A bird of the open country of eastern Arizona, this quail too is more likely to run than hold. Both sexes of this species display white, conical crests, hence the common name of "cottontop." The scaled appellation is appropriate, however, as the birds possess a distinctive scalloping on the breast, nape and belly. Otherwise, their overall color is tan above with a mixture of beige, grays, and whites below. A generally bigger bird than the Gambel's quail, adult male "scalies" average about 7.3 ounces, females 6.7 ounces.

Mearns' quail are the largest and most striking, yet also the most secretive of Arizona's quails. Male Mearns' quail have white and black harlequin-marked heads, capped by a russet shock of feathers that form an ill-fitting crest. These cock quail also possess handsome brown and black checkered backs interlaced with white darts, and white-spotted black flanks similar to a guinea fowl's. Their breasts and underparts are a rich mahogany that turns to black at the rump, which terminates in a stubby, almost non-existent tail. The hens are cinnamon colored with brown, black and buff markings. In winter, the males average about 6.9 ounces,

the females about 6.2 ounces. Long, scythe-shaped claws that are used for digging show that these birds are ground-dwellers, and they hold so well to a dog that this species has come to be known as Arizona's greatest game bird.

### *Natural History*

The sexes of all Arizona quails show some differences in plumage, and all of the species form seasonal pair bonds



Gambel's quail



BOB MILES

**Scaled quail**

that last through incubation and brood-raising. Clutch and brood sizes are often large, ranging up to a dozen or more chicks, and both the cock and the hen care for the young. Individual birds have short life spans, however, and population sizes tend to fluctuate widely from year to year. All Arizona species form fall and winter coveys that are likely to remain in the same general area where they were raised.

Each species has its own habitat preferences. The Gambel's quail is found throughout the Sonoran and



**Gambel's quail distribution**

Mojave deserts upward in elevation through semi-desert grassland and chaparral to the edges of pinyon-juniper woodland and pine forest—wherever mesquites and other brushy cover occur. The scaled quail is a bird of semidesert grasslands and the

Chihuahuan desert, preferring open plains and foothills; the Mearns' quail prefers oak woodlands and oak savannas in the southeastern portions of the state where grass cover is abundant enough to conceal its presence.

Although all three major species of Arizona quail have formed pair bonds by March, they each have different breeding seasons. Gambel's quail breed typically in spring and early summer, and breeding intensity and success are directly related to the amount of rainfall received during the previous October through March. The breeding season of scaled quail is more complex. They breed in spring after wet winters, but also during the summer months after the monsoons have started. Mearns' quail nest typically after the summer monsoon season, and often postpone breeding until after the summer solstice when the days are getting shorter. The factors determining the population levels of the various species also differ. The numbers of Gambel's quail are related more to the success of the hatch than to carry-over from the previous year. Scaled quail numbers are determined by both the success of the hatch and the number of birds surviving from the year before. Mearns' quail generally have good hatching success, and their highly fluctuating numbers are determined largely by how many birds survive the winter. All of the birds experience relatively high winter mortality. The scaled and Mearns' quail are more dependent on grass cover for over-winter survival than is the Gambel's quail, and hence are more sensitive to livestock grazing pressures than the Gambel's.

### *Hunt History*

By the turn of the century, quail hunting had become a popular pastime in Arizona, and a generous season and lack of a bag limit gave the state a reputation for harboring "game-hogs." Then, in 1909, the territorial legislature limited quail hunting to an open season of October 16 through January 31, an arrangement that was retained in the state game code of 1912 along with a bag limit of 25 quail. In 1929 quail numbers must have been thought to be in need of improvement, as the season was shortened to November 1 through December 31, and the following year the newly appointed Arizona Game and Fish Commission reduced the bag limit to 15 quail per day. There was no season on Mearns' or "fool quail" as this species was commonly known.



**Scaled quail distribution**

During the years that followed, quail seasons and bag limits varied in response to quail numbers and the success of the hatch, which in some years, such as 1946-48, was so poor that no season was authorized. It was believed that unless the ratio of young to adult quail observed on summer surveys was less than 2.1:1 a hunt could not be justified, and even when there was a season, it might be only two days long with a five-bird bag limit. Then, in the 1950s and early 1960s, research showed that hunting mortality was compensatory to natural mortality, and a standardized season from mid-October through the end of the month, followed by another season from November 1 through the end of January, gradually became the norm, along with a 15-bird bag limit. Later, the month of November was also opened to quail hunting and the closing date delayed until mid-February. In 2008, the season was shifted to the Friday of week 40 (early October) to accommodate a small game opener.

In 1960 a two-day season on Mearns' quail was authorized for a limited area in the Santa Rita Mountains. Hunting was shown to have a negligible effect on this species also, and this season too was gradually expanded. Today, the season opens on Friday of the 49th week in deference to the bird's late nesting habits, and continues to mid-February. This bird and season has become so popular with bird dog hunters that the daily bag limit



**Mearns' quail distribution**

was lowered to 8 birds in 2004 in an effort to spread out harvest.

Quail hunting in Arizona has always had its ups and downs. The top year in recent times was in 1979 when nearly 100,000 hunters reported harvesting more than 2.5 million quail. Since then, quail numbers and hunter interest have fallen off, with hunter numbers ranging from 27,000 to 60,000.

## White-winged Dove

This bird's hefty size and rounded off tail give the "white-wing" the appearance of being half dove and half pigeon, hence the older name of "Sonora pigeon." Whitewings differ from the more widespread mourning dove in having an overall grayer plumage, a white-tipped tail, and the white wing epaulets that give the bird its name. Unless pressed by gunners, the whitewing's flight also appears slower, less purposeful, and more pigeonlike than the mourning dove's. Adults can be distinguished by an unfeathered bright blue eye patch, red feet, and eyes that range from yellow-orange to orange-red. By way of contrast, birds of the year have dull purplish-brown feet and are marked mostly in grays, whites, and browns. Adult males are especially handsome birds, their brownish heads crowned in reddish purple with areas on the neck flecked with gold, green, and purple iridescence. The average weight of an adult male is about 5.5 ounces, although birds weighing up to 8 ounces have been recorded.

### *Natural History*

There are two types of white-winged dove populations in Arizona, a thinly scattered population found throughout the Sonoran Desert and the surrounding countryside (including towns and residential neighborhoods), and

colonial populations that nest collectively along river bottoms adjacent to agricultural areas. Most of the desert and residential area whitewings nest only once and migrate out of the state prior to the opening of the dove season on September 1. The colonial whitewings, however, usually nest twice before departing for their wintering areas in southwestern Mexico. These are the whitewings that are most often present after September 1, and which contribute most to the harvest.

Males of both populations begin courtship as soon as they arrive in Arizona in late April and early May. By late May, nesting is at its



BOB MILES

**Mearns' quail**

peak, both sexes sharing in the incubation of the eggs and the feeding and brooding of the two young squabs, most of which hatch toward the end of June. Fed a highly nutritious “pigeon-milk” by their parents, the squabs are usually fledged by late June or July. Should grains or other high-energy foods be available, the colonial-nesting birds will now attempt another nesting, while the “desert birds” begin migrating south. As the second nesting comes to a close in late July and August, both the juvenile birds and their parents form gregarious flocks in selected roost sites adjacent to favored feeding fields,



**White-winged dove distribution**

which unlike those selected by mourning doves, are often composed of standing crops of barley, maize, and safflower. The stimuli for the mass migration from cultivated valleys that takes place about September 1 are not completely understood. Summer storms, a drop in nighttime temperatures, food shortages, and harassment by hunters have all been suggested as reasons for the movement. Nonetheless, there have been years when all of these events occurred with little or no influence on the onset of migration. Once migration is underway, the departure is often rapid, the adults usually leaving before the juveniles.

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### *Hunt History*

A favorable combination of nesting cover and grain crops resulted in two great heydays of white-winged dove hunting in Arizona. The first of these was in the years prior to World War I, and the second was during the years after World War II. So plentiful were these birds that the bag limit was 25 per day and 50 in possession. Numbers peaked in the 1960s when, in 1968, an all-time record harvest of more than 3/4 million was reached. Since then, declining nesting habitat and the virtual replacement of grain farming by cotton and alfalfa have greatly reduced whitewing hunting opportunities. But after reaching a low of 86,000 birds in 1980, whitewing harvests have again gradually increased. Today, hunter numbers range between 15,000 and 30,000, bagging 80,000 to 125,000 whitewings a year.

## Mourning Dove

This is the most common and widely occurring game bird in Arizona, and the dove’s trim, streamlined body, accentuated by its tiny head and sharply tapered tail is familiar to even the most casual observer of birds. This dove can also be differentiated from its white-winged cousin by its overall brown color, a lack of white on all but the outer tail feathers, the presence of black spots on the upper wing surfaces, and the distinctive rattling whistle that is emitted by the bird’s wing feathers when it takes flight. The more richly colored adult males can usually be distinguished at all times of the year from the browner females by their pinkish rose breasts, flecks of metallic green and other iridescence on the napes of their necks, and their slate blue crowns. Adult males weigh about 4.3 ounces, females about 4

ounces, with an occasional male weighing up to 6 ounces. Juvenile birds can be identified up to 4 or 5 months of age by the white tipping on the margins of their wing feathers.

### *Natural History*

Mourning doves occur from the lowest elevations along the Colorado River upward through forests of ponderosa pines to 8,500 feet. Their staple foods throughout the year are primarily small seeds and cultivated grains. Although some doves can be found nesting on the ground in open prairies, the best nesting habitats are brushlands and woodlands within the Sonoran Desert. Here, the woeful call of breeding males can be heard as early as February, and pairs have been known to attempt as many as seven nestings in a single season. Productivity may therefore be high even though the usual clutch size is only two eggs. Incuba-

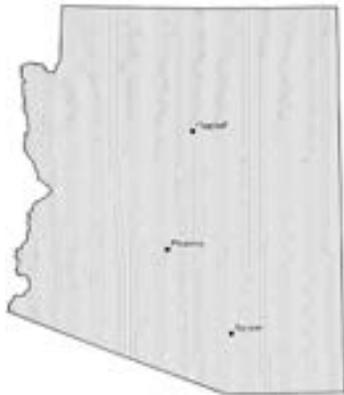


**White-winged dove**

ARIZONA GAME AND FISH DEPARTMENT

## Small Game

tion takes only about 15 days, and is accomplished by both parents, as is the brooding and feeding of the nearly naked squabs. The young doves are fed regurgitated “pigeon milk” by both parents, and they grow and develop rapidly.



### Mourning dove distribution

Fledglings leave the nest only 12 to 14 days after hatching. Even in southern Arizona, nesting is essentially over by mid-August, and some of the early-hatched juveniles have already migrated by late July. By the first week of September, the migration of most nesting populations is usually underway, the juveniles typically leaving before the adults.

### Hunt History

Prior to statehood this species was hunted primarily in conjunction with white-winged dove, and spring and summer shooting over grain fields was a common occurrence. In 1929, however, state and federal regulations curtailed the mourning dove season in Arizona to between September 1 and December 15, and established a 20-bird bag limit. As with the white-winged dove, the glory days of mourning dove shooting were in the 1960s and 1970s, when more than 100,000 hunters reported harvesting up to 2.5 million mourning doves a year. Although still ranked as one of Arizona’s two most important game birds, mourning dove hunting has since fallen off due to urban expansion, changing farm practices, and more restrictive season arrangements. HIP surveys indicate 30,000 to 45,000 hunters bag from 80,000 to 1 million doves each year.

## Cottontail Rabbit

Three species of cottontail occur in Arizona: the mountain cottontail, eastern cottontail, and desert cottontail. The smallest of these (22-30 ounces) is the relatively short-eared mountain cottontail, which is largely restricted to elevations above 7,500 feet from the Mogollon Rim northward. The generally larger eastern cottontail (28-52 ounces) is found in the mountains of southeastern and central Arizona where it occupies many of the same habitats as the Coues white-tailed deer. The most abundant and important rabbit by far, however, is the desert cottontail (26.5-44 ounces), which is found in every county in the state up to elevations exceeding 7,000 feet.

### Natural History

Despite, or perhaps because of, their relative abundance, little is known about the life histories of Arizona cottontails. Only one study has been conducted on desert

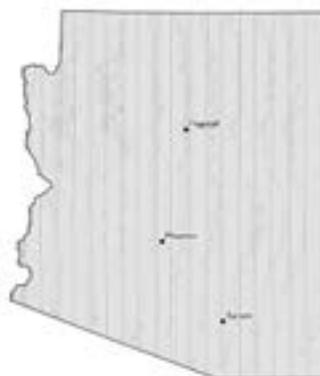


MARY IRELAND

### Cottontail rabbit

cottontails, and none on eastern and mountain cottontails. Although we know that cottontail rabbits may vary from amazing abundance in one year to relative scarcity the next, we have little insight as to what factors other than winter rainfall control their numbers. Promiscuous and prolific, cottontails feeding on green growth may have up to five litters of two to four young a year. But, although the desert cottontail is able to breed throughout the year, most young rabbits are produced in spring when the new growth of plants is most available. At other times of the year, selected foods include twigs, newly emerging grasses, weeds, and even cacti. Cottontails rarely drink,

and free water does not appear to be a requirement for either their survival or reproduction.



### Cottontail rabbit distribution

### Hunt History

The cottontail hunting season has always been year-long in Arizona, and the bag limit has been 10 rabbits per day for many

years. Although some hunters consider cottontail hunting with a .22 rifle as their primary sport, cottontails traditionally have been taken in Arizona in conjunction with dove and quail hunting. As a consequence of the wide fluctuations in both cottontail and quail numbers, the annual take of cottontails is highly erratic, ranging from a reported high of about 850,000 rabbits in 1979 to less than 56,000 in 1998. Today, there are 10,000 to 15,000 hunters taking 45,000 to 120,000 rabbits per year.

## Tree Squirrels

No fewer than four species and eight subspecies of tree squirrels can be found in Arizona's forests. Of these, the Abert's or tassel-eared squirrel is the most widespread and contributes most to the annual squirrel harvest. This squirrel, with its easily discernible ear tufts, along with its close relatives, the black-bellied and white-tailed Kaibab squirrels, are exclusively inhabitants of ponderosa pine forests and the life cycles of the squirrels and the tree are remarkably intertwined. Less well known is the also white-bellied Arizona gray squirrel and its close relative, the rust-colored Chiricahua fox squirrel, both of which inhabit riparian deciduous forests and oak woodlands south of the Mogollon Rim. Another species is the chicaree or red squirrel (actually more olive or gray than red in Arizona), which is restricted to the higher for-



Abert's Squirrels



Tree squirrel distribution

ests of spruce and fir above 8,500 feet elevation. Both the tassel-eared and gray squirrels average a little under 1.5 pounds in weight, while the diminutive red squirrel averages just over 0.5 pounds.

### *Natural History*

Tassel-eared squirrels have but one breeding season a year, which is closely correlated with the production of the staminate flowers of ponderosa pine in late April, May, or early June. After a lengthy chase, the female comes into estrus for only one day. She will later give birth to a single litter of from two to four young in a nest made of pine boughs. Throughout the summer, the squirrels feed on the seeds of developing cones as well as on underground fungi or truffles that grow under mature pine trees. These foods are the most nutritious for the squirrel, and only when they are exhausted does the animal resort to feeding on the inner bark of pine twigs—the discarded terminals of which are often seen littering the forest floor. These “clippings” of inner bark are only an emergency food, however, and if deep snow-cover or other factors force the squirrel to rely entirely on this food source, the animal will eventually go into shock and die. Only after years of research was it learned that the periods of tassel-eared squirrel scarcity and abundance were related to the amount of snow-cover and the availability of underground fungi. Most squirrel mortality is during the late winter, and when snow covers the ground for 80 or more days, the mortality rate exceeds the squirrel's rather modest recruitment rate. Hunting apparently has little effect on the animal's numbers as other research shows the lowest monthly mortality is during the October and November hunting season.

### *Hunt History*

Tree squirrels have an uneven history as game in Arizona. Having gone from being totally ignored at the time of statehood, to having a limited season in conjunction with the deer and turkey seasons in the 1920s, the season was closed in 1935 due to a perceived lack of squirrels. Too many squirrels in the 1940s resulted in a re-opening of the season, and squirrel hunt regulations have since been liberalized gradually until every species and most subspecies are now subjected to limited hunting. Even the once

sacrosanct Kaibab squirrel is now hunted, and the only totally protected squirrel is the federally endangered Graham Mountain spruce squirrel.

The tassel-eared or Abert's squirrel is the major game species, however, and the numbers of tree squirrel hunters and harvest depends largely on the vagaries of tassel-eared squirrel numbers. Questionnaire data collected since the early 1960s show that the peak number of hunters was in 1986 when 21,402 squirrel hunters took to the field and bagged nearly 165,000 squirrels for a hunter success of 2.5 squirrels per day. In the 1990s, the number of hunters generally ranged between 12,000 and 18,000 a year with the annual harvest between 50,000 and 100,000 tree squirrels. Today, there are 6,000 to 11,000 hunters taking 25,000 to 55,000 tree squirrels a year.

### Band-tailed Pigeon

About the size of a domestic pigeon, adult bandtails average just a little less than 8 ounces in weight, the females weighing about 0.8 ounces less than the males. Both sexes have an overall blue-gray appearance, and it is only after close inspection that one notices the male's rosier breast and more iridescence on the nape of the neck; otherwise, the sexes are similar. In autumn, adults can be differentiated from their young by the adult's chrome-yellow bills and feet, white crescent at the nape of the neck, and the dark gray band across the top of the tail that gives the bird its name.

#### *Natural History*

Bandtails are birds of the mountains and usually nest in mixed conifer forests, ponderosa pine forests, or in dense stands of evergreen oaks and pines between 4,500 and 9,100 feet elevation. As migratory birds, bandtails are usually only present in Arizona from late March through mid-October. Breeding generally takes place sometime in May and may continue through the summer, with some birds nesting twice and even three times in some years. The normal clutch is one glossy white egg, or occasionally two, so that the species' reproductive potential is low. After feeding on acorns and other fall mast crops, most Arizona bandtails migrate southward to the Sierra Madre Occidental in Mexico to spend the winter months.



**Band-tailed pigeon distribution**

#### *Hunt History*

Bandtail hunting has an erratic history in Arizona. After the season was closed in 1951 for a perceived lack of birds, interest in band-tailed pigeons waned until a study was initiated in the "four-corner" states of Arizona, New Mexico, Colorado and Utah in the 1960s. These studies included an experimental season, which opened in 1968, and continued through 1972. Hunt information showed a limited but dedicated interest in the band-tailed pigeon as a game bird with the maximum number of hunters and birds harvested being 1,067 hunters and 3,545 pigeons in 1970. The numbers of both pigeons and pigeon hunters has since fallen off with only 146 bandtails reportedly taken in 1996. Now it appears that band-tailed pigeon numbers may again be inching upward.

### Blue Grouse

Blue grouse are bluish-gray, chickenlike birds restricted in Arizona to elevations above 8,500 feet in mixed conifer and aspen forests. As a consequence, these birds are only found in the White, Blue, Escudilla, Chuska, and Buckskin (North Kaibab) mountains, and on the San Francisco



**Blue grouse distribution**

Peaks where they were introduced in the mid-1970s. Males are measurably larger than females, 2-year-old "cocks" weighing up to 3 pounds as opposed to the adult female's average weight of between 1.75 to 2 pounds. In comparison, first-year birds or poult typically weigh only 16 to 28 ounces during the early days of the September hunting season.

#### *Natural History*

Blue grouse in Arizona do not migrate downhill during the winter months as they do in the more northern states. Instead, they spend the winter roosting in Douglas-fir trees, subsisting on needles until spring when the males form small "leks" or strutting grounds, which they occupy from April through June. Oftentimes these leks are located on a fallen log or in a small clearing in the forest, where the cock attempts to engage any hen that comes his way with soft "hooting"

displays and “flutter flights.” The peak of mating activity usually takes place during the last part of May or the first week of June, after which the male goes off to leave the hen to nest and raise the chicks on her own. Most broods are hatched between mid-June and mid-July during which time the hen and poults feed primarily on forbs and insects. Four to six is an average brood size, the young staying with the hen through the fall months. Fall usually finds the hens and poults at the edge of mountain meadows and in old burns feeding on forbs, while the now solitary males tend to favor aspen thickets and other dense cover.

### *Hunt History*

The first legal season on blue grouse in Arizona did not take place until 1964 when 33 hunters spent 49 days to harvest 44 grouse. Since that time, a variety of grouse season dates have been authorized, but the number of grouse hunters has remained low due to the birds general scarcity and the steep terrain and high elevations of their habitat. Hunter numbers have never reached 800 in any given year, and the annual harvest since 1973 has been only 300 to 700 grouse.

## **Pheasant**

Several attempts have been made to establish these natives of Asia as resident game birds in Arizona, the most recent being in the late 1960s and early 1970s when the small white-winged race of the ring-necked pheasant found in Afghanistan was released in farmlands along the Gila, San Pedro, and other river valleys. A handsome, unmistakable bird, both sexes of this pheasant have long pointed tails, but it is the cocks or roosters that are unrivaled in their plumage. Possessing iridescent green heads offset by ear-tufts and a crimson-wattled cheek patch, the rooster also has a purplish chest, a soot-colored belly, distinctively dotted golden flanks, white wing epaulets, and a hand-



**Ring-necked pheasant distribution**

somely barred tail. Cocks usually weigh more than 2.5 pounds, while the beige- and sand-colored hens average between 1.5 and 2 pounds. Both sexes, but especially the males, typically give a cackle on being flushed that once heard is always remembered.

### *Natural History*

Pheasant populations persisting in Arizona are largely confined to agricultural areas having a relatively high humidity (e.g., citrus orchards in the Yuma and Mesa areas) or high enough in elevation to escape the desiccating heat of Sonoran Desert summers (e.g., the Virgin River and Verde River valleys). In such locations, a rooster will acquire a harem of from one to three hens, with mating commencing in early April. By mid-May most of the hens are nesting and of no further interest to him, and he will abandon his territorial patrols by the end of the month. The peak of hatching is during the last week of May, the most arid time in Arizona, which is one of the reasons why pheasants have not become established here. The youngsters are covered with yellow and brown down, striped in brown and black, and are remarkably self-sufficient. After only about two weeks, they are capable of flight and remain with the hen for only another two months or so before making their own way in the world. Pheasants roost on the ground or the low branches of trees, and the typical hiding cover is a patch of rank weeds, a stand of cattails, or a dense jungle of salt-cedars. Primary foods are cultivated greens and grains—alfalfa, barley sprouts, and kernels of maize, barley, and corn.

### *Hunt History*

Pheasants have always been a specialty game bird in Arizona, and are only taken by a small cadre of hunters, who either obtain one of the limited hunt permits periodically available, hunt with falcons, or hunt with a bow and arrows. With the cessation of the Department's experimental pheasant program in 1973, hunter numbers have never exceeded 100 in any given year and the annual harvest excluding birds taken in game farms has been less than 50 birds.

## Small Game Harvest Data

### Summary of Small Game Harvest Information

Year	Hunters <sup>1</sup>	Hunter Days	Days/Hunter	Licensed Harvest	Junior Harvest	Total Harvest	Harvest/Day <sup>2</sup>
<b>MOURNING DOVE</b>							
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.							
2004	36,926	137,049	3.7	835,763	52,051	887,814	6.1
2005	33,244	131,795	4.0	825,550	75,464	901,014	6.3
2006	71,497	273,665	3.8	1,803,250	61,324	1,864,574	6.8
Dove were separated from the traditional Small Game questionnaire and surveyed using the new Dove and Band-tailed Pigeon questionnaire in 2007. The sample of hunters surveyed was derived for the list of Migratory Bird Stamp purchasers. The data is not comparable to historic data.							
2007	36,506	153,124	4.2	978,577	38,980	1,017,557	6.6
2008	36,818	153,971	4.2	932,360	36,719	969,079	6.3
Mourning dove data is now obtained from the Harvest Information Program conducted by the U.S. Fish and Wildlife Service. The data is not comparable that obtained from Arizona's questionnaire.							
2009 <sup>3</sup>	37,200	130,600	3.5	784,400	---	784,400	6.0
2010 <sup>3</sup>	40,500	145,300	3.6	941,800	---	941,800	6.5
2011 <sup>3</sup>	35,400	123,300	3.6	784,600	---	784,600	6.4
2012 <sup>3</sup>	32,100	110,800	3.5	601,200	---	601,200	5.4
2013 <sup>3</sup>	36,300	134,300	3.7	774,800	---	774,800	5.8
2014 <sup>3</sup>	24,200	65,600	2.7	370,000	---	370,000	5.6
2015 <sup>3</sup>	17,100	53,900	3.2	401,400	---	401,400	7.4

<sup>1</sup> Includes early and late hunters.

<sup>2</sup> Licensed hunters only; does not include junior harvest.

<sup>3</sup> Confidence intervals on harvest from the Harvest Information Program: 2009 +/- 12%; 2010 +/- 15%; 2011 +/- 15%; 2012 +/- 16%; 2013 +/- 18%, 2014 +/- 10%, 2015 +/- 7%

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Junior Harvest	Total Harvest	Harvest/Day <sup>1</sup>
<b>WHITE-WINGED DOVE</b>							
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.							
2004	13,656	39,865	2.9	68,647	4,103	72,750	1.7
2005	12,636	36,196	2.9	64,717	7,322	72,039	1.8
2006	30,017	86,255	2.9	216,138	20,346	236,484	2.5
Dove were separated from the traditional Small Game questionnaire and surveyed using the new Dove and Band-tailed Pigeon questionnaire in 2007. The sample of hunters surveyed was derived for the list of Migratory Bird Stamp purchasers. The data is not comparable to historic data.							
2007	14,959	49,893	3.3	85,868	4,994	90,862	1.8
2008	14,067	47,263	3.4	83,635	7,369	91,004	1.9
White-winged dove data is now obtained from the Harvest Information Program conducted by the U.S. Fish and Wildlife Service. The data is not comparable that obtained from Arizona's questionnaire.							
2009 <sup>2</sup>	20,400	68,200	3.3	124,500	---	124,500	1.8
2010 <sup>2</sup>	17,400	52,400	3.0	84,900	---	84,900	1.6
2011 <sup>2</sup>	18,100	57,200	3.0	118,900	---	118,900	2.7
2012 <sup>2</sup>	14,600	47,400	3.0	86,000	---	86,000	1.8
2013 <sup>2</sup>	18,400	60,500	3.3	100,000	---	100,000	1.7
2014 <sup>2</sup>	13,300	34,800	2.6	83,800	---	83,800	2.4
2015 <sup>3</sup>	11,000	33,500	3.0	72,200	---	72,200	2.2

<sup>1</sup> Licensed hunters only; does not include junior harvest.

<sup>2</sup> Confidence intervals on harvest from the Harvest Information Program: 2009 +/- 19%; 2010 +/- 24%; 2011 +/- 29%; 2012 +/- 22%, 2013 +/- 35%; 2014 +/- 18%, 2015 +/- 7%

# Small Game Harvest Data

## *Summary of Small Game Harvest Information (continued)*

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest			Junior Harvest	Total Harvest	Harvest/Day <sup>1</sup>
				Gambel's	Scaled	Mearns'			
<b>QUAIL</b>									
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.									
<b>GAMBEL'S</b>									
2006	55,736	220,938	4.0	670,407			14,328	684,735	3.1
2007	37,623	239,350	6.4	481,410			7,562	488,972	2.0
2008	27,462	125,349	4.6	304,738			14,658	316,396	2.5
2009	31,877	179,244	5.6	411,198			7,211	418,409	2.3
2010	27,199	140,758	5.2	483,909			8,242	492,151	3.5
2011	46,594	285,509	6.1	533,210			9,940	543,150	1.9
2012	51,315	231,914	4.5	393,901			7,445	401,346	1.7
2013	44,190	210,927	4.8	377,387			12,039	389,426	1.8
2014	22,024	86,359	3.9	144,289			7,562	151,851	1.8
2015	26,937	124,534	4.6	209,305			7,864	217,169	1.7
<b>SCALED</b>									
2006	4,012	13,110	3.3		15,259		0	15,259	1.2
2007	6,302	41,404	6.6		47,265		567	47,832	1.2
2008	2,443	12,720	5.2		9,940		1,179	11,119	0.9
2009	2,747	12,705	4.6		7,669		57	7,726	0.6
2010	2,654	9,433	3.7		10,623		2,106	12,729	1.3
2011	4,881	30,050	8.0		16,419		1,331	17,750	0.5
2012	5,052	28,848	5.7		32,238		997	33,235	1.2
2013	5,289	22,269	4.2		18,024		0	18,024	0.8
2014	1,488	6,859	4.6		6,818		0	6,818	1.0
2015	3,402	19,352	5.7		23,423	0	23,423	1.2	
<b>MEARNS'</b>									
2006	6,734	36,393	5.4			78,374	430	78,804	2.2
2007	6,743	34,850	5.2			80,918	1,260	82,178	2.4
2008	3,580	13,605	3.8			32,938	1,853	34,791	2.6
2009	4,121	10,874	2.6			16,024	0	16,024	1.5
2010	3,297	12,546	3.8			10,257	183	10,440	0.8
2011	5,059	26,004	5.1			22,454	888	23,342	0.9
2012	5,251	25,392	4.8			30,044	665	30,709	1.2
2013	6,194	19,833	3.2			36,465	209	36,674	1.8
2014	3,554	19,586	5.5			43,055	1,033	44,088	2.3
2015	5,075	26,435	5.2			41,883	112	41,995	1.6

<sup>1</sup> Licensed hunters only; does not include junior harvest.

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Junior Harvest	Total Harvest	Harvest/Day <sup>1</sup>
<b>COTTONTAIL RABBIT</b>							
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.							
2006	12,895	78,804	6.1	80,308	3,224	83,352	1.1
2007	7,015	163,222	9.6	109,781	10,398	120,179	0.7
2008	12,341	89,716	7.3	56,736	6,613	63,349	0.7
2009	15,166	112,743	7.4	68,275	3,834	72,109	0.6
2010	10,532	67,220	6.4	43,684	2,381	46,065	0.7
2011	20,413	176,790	8.7	105,169	4,970	110,139	0.6
2012	25,932	193,893	7.5	105,488	3,722	109,210	0.6
2013	22,478	138,484	6.2	92,624	13,709	106,333	0.7
2014	9,793	60,906	6.2	24,742	1,859	26,601	0.4
2015	11,879	90,570	7.6	45,376	2,621	47,997	0.5

<sup>1</sup> Licensed hunters only; does not include junior harvest.

## Small Game Harvest Data

### Summary of Small Game Harvest Information (continued)

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Junior Harvest	Total Harvest	Harvest/Day <sup>1</sup>
<b>TREE SQUIRREL</b>							
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.							
2006	5,946	14,543	2.4	18,985	3,654	22,639	1.6
2007	9,138	29,430	3.2	40,018	2,458	42,476	1.4
2008	8,929	32,938	3.7	43,215	6,908	50,123	1.5
2009	10,988	35,597	3.2	52,251	3,982	56,233	1.6
2010	6,227	25,734	4.1	25,093	2,381	27,474	1.1
2011	7,988	36,920	4.6	38,518	2,219	40,737	1.1
2012	11,965	41,211	3.4	47,194	1,662	48,856	1.2
2013	10,439	32,568	3.1	32,359	3,688	36,047	1.1
2014	6,322	31,775	5.0	26,899	3,347	30,246	1.0
2015	8,087	42,664	5.3	44,170	3,625	47,795	1.1

<sup>1</sup> Licensed hunters only; does not include junior harvest.

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Harvest/Day <sup>1</sup>
<b>BLUE GROUSE</b>					
The Small Game questionnaire was modified to collect unit specific data. The data is not comparable to historic data.					
2006	860	1,934	2.2	287	0.15
2007	945	2,899	3.1	630	0.22
2008	1,306	3,327	2.5	379	0.11
2009	744	3,720	5.0	858	0.23
2010	366	916	2.5	92	0.10
2011	621	2041	3.3	0	0.00
2012	665	1662	2.5	199	0.12
2013	835	3688	4.4	1044	0.28
2014	455	1,281	2.8	537	0.42
2015	390	2,008	5.1	837	0.42

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Harvest/Day <sup>1</sup>
<b>CHUKAR PARTRIDGE</b>					
The Small Game questionnaire was modified to collect unit specific data. The data is not comparable to historic data.					
2007	252	819	3.3	189	0.23
2008	379	758	2.0	84	0.11
2009	286	454	1.6	57	0.13
2010	no questionnaire responses				
2011	266	355	1.3	1065	3.00
2012	66	133	2.0	0	0.00
2013	278	1879	6.8	209	0.11
2014	no questionnaire responses				
2015	390	1,896	4.9	1,338	0.71

Year	Hunters	Hunter Days	Days/Hunter	Licensed Harvest	Junior Harvest	Total Harvest	Harvest/Day <sup>1</sup>
<b>BAND-TAILED PIGEON</b>							
2004	612	1,531	2.5	919	0	919	0.6
2005	590	886	1.5	1,122	0	1,122	1.3
2006	501	1,791	3.6	2,006	0	2,006	1.1
Band-tailed pigeons were separated from the traditional Small Game questionnaire and surveyed using the new Dove and Band-tailed Pigeon questionnaire in 2007. The sample of hunters surveyed was derived from the list of Migratory Bird Stamp purchasers. The data is not comparable to historic data.							
2007	647	1,595	2.5	1,757	324	2,081	1.3
2008	819	1,563	1.9	1,191	124	1,315	0.8
Band-tailed pigeon data is now obtained from the Harvest Information Program conducted by the U.S. Fish and Wildlife Service. The data is not comparable that obtained from Arizona's questionnaire.							
2009 <sup>1</sup>	1,300	4,100	3.2	2,300	---	2,300	0.6
2010 <sup>1</sup>	1,800	5,800	3.2	700	---	700	0.1
2011 <sup>1</sup>	500	900	1.8	1,000	---	1,000	1.1
2012 <sup>1</sup>	900	3,100	3.4	1,300	---	1,300	4.2
2013 <sup>1</sup>	400	800	2.0	900	---	900	1.1
2014	1,000	1,900	1.9	700	---	700	0.4
2015	600	1,700	2.8	500	---	500	.3

<sup>1</sup> Confidence intervals on harvest from the Harvest Information Program: 2009 +/-76%; 2010 +/-110%; 2011 +/- 93%; 2012 +/- 76%; 2013 +/- 125%; 2014 +/- 83%, 2015 +/- 7%

## Small Game Harvest Data

### *Summary of Willow Springs Quail Check Station Data*

	2012-13	2013-14*	2014-15*	2015-16	2016-17
No. of Hunter Days	105	229	142	150	178
No. of Quail Bagged	163	434	103	201	97
No. of Gambel's	159	434	102	200	97
No. of Scaled	9	0	1	1	0
Quail Per Day	1.5	1.9	0.9	1.3	0.8

	Gambel's	Scaled	Gambel's	Scaled	Gambel's	Scaled	Gambel's	Scaled	Gambel's	Scaled
No. of Adult Quail Classified	34	2	119	0	44	1	34	1	29	0
No. of Young Quail Classified	52	2	123	0	11	0	91	0	22	0
Percent Young in the Bag	61	-	51	-	20	-	73	-	43	-

<sup>1</sup> Willow Springs and Freeman Ranch Quail Check Station data were combined for 2013-2014 and 2014-2015.

### *Summary of Freeman Road Quail Check Station Data*

	2010-11	2011-12	2012-13	2016-17
No. of Hunter Days	95	100	124	77
No. of Quail Bagged	380	83	162	97
No. of Gambel's	380	83	162	97
No. of Scaled	0	0	0	0
Quail Per Day	4.0	0.8	1.3	1.3

	Gambel's	Gambel's	Gambel's	Gambel's
No. of Adult Quail Classified	28	12	10	16
No. of Young Quail Classified	67	4	20	19
Percent Young in the Bag	71	25	67	54

### *Summary of Punkin Center Quail Check Station Data*

	2010-11	2011-12	2013-14	2014-15	2015-16
No. of Hunter Days	na	--	27	13	discontinued
No. of Gambel's	na	1	31	28	
Quail Per Day	na	--	1.1	2.2	

	Gambel's	Gambel's	Gambel's	Gambel's
No. of Adult Quail Classified	na	--	7	16
No. of Young Quail Classified	na	--	12	12
Percent Young in the Bag	na	--	0.63	43

## Small Game Harvest Data

### *Mearns' Quail Wing Barrel Data - Reported Data*

Year	# of Birds Harvested	# of Hunter Days	Birds/Day	Hours Hunted	% Juvenile	Birds/Hour
1977						
1978		34		192	77.2	
1979	142	135	1.1	526	59.5	0.27
1980						
1981	101	113	0.9	488	84.9	0.21
1982	90	44	2.0		76.7	
1983		144	0.0	546	83.7	
1984	1047	277	3.8	1173.5	80.9	0.89
1985	1068	367	2.9	1513.5	68.4	0.71
1986	509	181	2.8		69.4	
1987	332	188	1.8	764.5	71.5	0.43
1988	644	305	2.1	1521.5	83.4	0.42
1989	244	213	1.1	810	55.9	0.30
1990	421	195	2.2	943	79.7	0.45
1991	750	319	2.4	1437.3	75.6	0.52
1992	703	256	2.7	1199	78.4	0.59
1993	275	172	1.6	814.5	72.9	0.34
1994	202	133	1.5	590	45.6	0.34
1995	115	150	0.8	606.5	75.3	0.19
1996	153	142	1.1	697	75.2	0.22
1997	166	128	1.3	494.5	71.1	0.34
1998	236	132	1.8	539	72.7	0.44
1999	642	226	2.8	1015	75.5	0.63
2000	1312	414	3.2	1710.25	73.8	0.77
2001	888	297	3.0	1199.5	79.7	0.74
2002	361	133	2.7	608	74.1	0.59
2003	606	218	2.8	937	77.6	0.65
2004	399	142	2.8	486	73.5	0.82
2005	591	186	3.2	735	69.4	0.80
2006	778	217	3.6	766	81.9	1.02
2007	2295	539	4.3	2044	72.7	1.12
2008	1198	386	3.1	1460.5	76	0.82
2009	499	223	2.2	906.75	54.5	0.55
2010	35	56	0.6	144	63.6	0.24
2011	67	51	1.3	152.5	63.5	0.44
2012	386	141	2.7	522.75	70.8	0.74
2013	616	173	3.6	753.3	68.7	0.82
2014	1206	319	3.8	1299.45	74.6	0.93
2015	1383	362	3.8	1501.8	72.7	0.92
2016	1083	325	3.3	1021.55	60.7	1.06
Mean	598	211	2.8	892	72.1	0.67

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# Predators

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Predatory mammals as defined by A.R.S. 17-101 are coyotes, bobcats, foxes, and skunks. Bobcats are the only predator also classified as a furbearer with an export tag required to ship a bobcat pelt out of state. There are no closed seasons or bag limits on any predator.

A word of caution: because of small sample sizes and vagaries in the sample frame of the hunt questionnaires, caution should be used in interpreting the annual hunt harvest of both predators and furbearers. Most of these data are insufficient for making year-to-year comparisons, and are useful only in determining long-term harvest trends.

## Coyotes

Arizona's premier predator is also an important fur resource. Found throughout Arizona, the coyote is probably the state's most familiar animal. Even where coyotes are not often seen, campers can hear their choruses of howls, yelps, and barks on almost any night. The animal's pointed ears, narrow nose, generally brown coat color, and black-tipped tail, which is usually held downward, help differentiate coyotes from dogs and wolves. The head and body length of coyotes is about 2 to 3 feet with the tail adding another foot or so. Adult males are larger than females, the two sexes averaging about 21 and 17 pounds, respectively. A very large male may attain a weight of 35 pounds. Contrary to popular belief, coyotes do not readily interbreed with either dogs or wolves.

### *Natural History*

Coyotes are opportunists, feeding mainly on small mammals, but also on carrion, bird eggs, and vegetable matter such as manzanita and juniper berries. They also prey on pronghorn fawns, dead fish, and insects when

such items are available. In urban areas, garbage, domestic cats, and small dogs are sometimes taken.

Coyotes form strong pair bonds, usually breeding between mid-January and March 15. After a two-month gestation period, from one to several young are born in a den or burrow; the average litter size being about five pups. The pups are fed regurgitated food by both parents. They leave the den when about 8 to 10 weeks old.

A coyote's home range may encompass up to 12 square miles during the spring and summer, with individual animals roaming up to 100 miles or more. Besides the ever-present threat of starvation, coyotes are also susceptible to diseases such as rabies and mange and human-caused mortality.

### *Hunting and Trapping History*

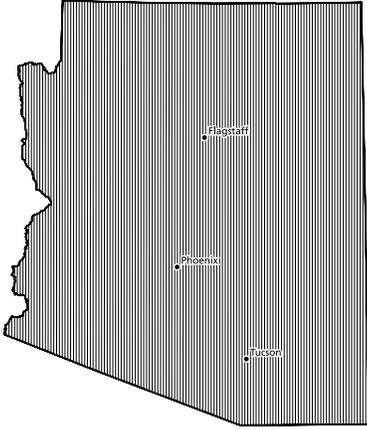
The hunter harvest of coyotes has been relatively stable during the past 10 years, about 13,000 hunters taking an average of 40,000-50,000 coyotes a year. Most of these animals are taken by "varmint calling," while hunting other game, or simply as opportunities arise.



Coyote

BOB MILES

## Predators



**Coyote and bobcat distribution**

Formerly, trappers rivaled hunters in the number of coyotes taken, but the reported take of trapped coyotes during the past 10 years has averaged only a little less than 1,000 a year—a far cry from the yearly harvests of 10,000 or more coyotes reported in the late 1970s. Although some of this decline may be due to coyote population vagaries, the principal reason for this reduced take is undoubtedly a decline in trapping effort.

## Bobcats

Found throughout the state in broken and brushy country, the bobcat, sometimes called wildcat, while rarely seen, is Arizona's most common wild feline. Usually an overall orange to gray in color with black markings, these medium-sized cats have a length of from 2 to 2.5 feet and weigh between 12 and 30 pounds. The underparts are whitish, and small ear tufts are usually present.



**Bobcat**

BOB MILES

Formerly, trappers rivaled hunters in the number of coyotes taken, but the reported take of trapped coyotes during the past 10 years has averaged only a little less than 1,000 a year—a far cry from the yearly harvests of 10,000 or more coyotes reported in the late 1970s. Although

The bobcat's most distinguishing characteristic, however, is its short, 5 inch tail, which is always less than  $\frac{1}{4}$  of the length of its head and body. This feature, coupled with the animal's black spotting, can be used to distinguish bobcats from any other feline in Arizona, wild or domestic.

### *Natural History*

Little is known about Arizona's bobcats. Their principal prey are cottontail rabbits and jackrabbits, but they also take both smaller mammals such as pack rats and larger mammals including the young of some big game species. Snakes and lizards are also part of the bobcat's diet.

Bobcats require two years to mature and attain breeding age. The breeding season in Arizona is poorly documented, but appears to be mostly in late winter or early spring. The gestation period is from 50 to 60 days so that the one to three young are usually born in spring or early summer. As in most cats, the female raises the kittens alone, nursing them for two months before teaching them to hunt on their own.

### *Hunting and Trapping History*

Hunters report harvesting on average 2,500 bobcats per year over the past 10 years. Most of these animals are taken by predator callers or while pursuing other game. This harvest appears relatively stable when compared

to the numbers of bobcats trapped and tagged for export. The average bobcat trapping harvest over the past 10 years is 1,300. Five years ago the numbers of bobcats reportedly hunted and trapped were about equal, and 15 years ago the number of bobcats trapped was as low as 100. However, in the 1980's, the number of bobcats trapped was approximately 7 times that taken by hunters. In 1987, the number of bobcats trapped was reported to exceed 6,500, and more than 5,000 export tags were issued to trappers and fur dealers wanting to ship bobcat pelts out of state. Due to recent fluctuations in the international fur market, the numbers of bobcats trapped annually began increasing in 2008 but has declined since 2013 with less than 1,500 bobcats trapped in 2014.

## Foxes

There are three species of foxes in Arizona—the red fox, kit fox, and gray fox. Of these, the 5- to 9-pound gray fox with its rust, black, and grizzled coloring and black longitudinally striped tail is by far the most common, occurring wherever there are mountains, wooded country, and broken terrain. The yellowish and

paler red fox is of similar size (2-foot head and body with a 12 to 16 inch tail) but is uncommon in Arizona, occurring only in the northeast portions of the state and mostly on the Navajo Reservation. It can be differentiated from other foxes by its white-tipped tail and black ears. The 15 to 20 inch long kit fox has large, out-sized ears, a 9- to 12-inch tail, and weighs less than 4 pounds. This diminutive fox is pale gray or buff in color, with a black-tipped tail. It is most often seen at night in valleys and on sandy plains in the southwestern deserts. For all three species, the sexes are similar in size and pelage.



BOB MILES

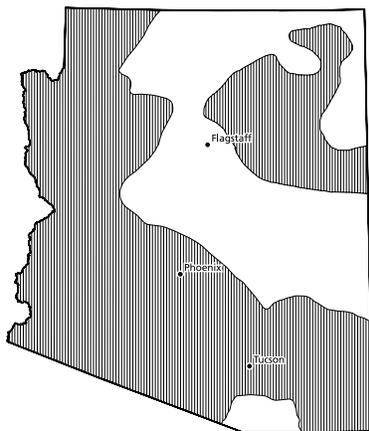
**Gray fox**

### *Natural History*

Gray foxes are the most often seen fox in that they are the most numerous species and are often active during daylight hours. Although they favor brushy habitats, rock piles, and desert washes, they also climb trees and can be found in wooded areas. On the other hand, kit foxes prefer sandy areas, are almost exclusively nocturnal, and spend much of the day underground.

### *Hunting and Trapping History*

More than 95 percent of the foxes taken and trapped in Arizona are undoubtedly the widely spread gray fox. Although kit foxes are remarkably easy to trap, their fur is of little value. Whatever the species, the annual take of about 7,000 foxes by predator callers and incidental



**Kit fox distribution**

hunters has been relatively stable in recent years despite any population changes due to rabies and other debilitating factors. Although the take by trappers once greatly exceeded the total taken by hunters, the average number of foxes trapped during

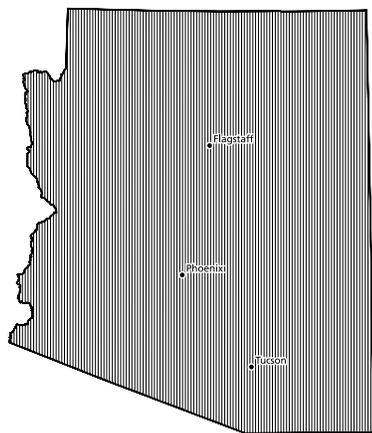
the past 10 years was far less than the harvest.

## Skunks

At least four species of skunks are found in Arizona. All of the species have scent glands on either side of their anal sphincter which secrete a musk that gives them their malodorous reputation. This defensive reaction and their striking white on black color patterns are usually enough to deter all but the most determined predator. Omnivorous, mostly nocturnal foragers, skunks are highly susceptible to the rabies virus. Indeed, early Arizonans so associated rabies with skunks that some species were termed “hydrophobia cats.”

The most common of the species by far is the cat-sized striped skunk that occurs throughout Arizona and constitutes the vast majority of the road-killed mammals seen on the state’s highways. The striped skunk is not only Arizona’s most frequently seen skunk, it is also the largest. Weights range from about 2 pounds for an adult female to an occasional 10 pounds or more for an obese male. The species always displays a thin white stripe on its face, even though the striping pattern may vary between individuals and populations. The usual markings, however, are two lateral stripes that form a chevron, merging toward the back of the head. The tail, which usually shows some white, is always shorter in length than the approximately foot-long body. Although “stripes” live almost everywhere but in the most extreme deserts, they are most often found near water. These skunks are active through-

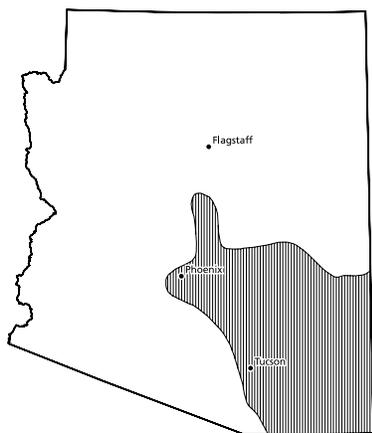
## Predators



**Gray fox, striped skunk, and spotted skunk distribution**

reportedly been taken as far north as Flagstaff and the Mogollon Rim. Somewhat leaner than the striped skunk, hooded skunks weigh from 1 to 2 pounds and have a 12 to 16 inch long body. As for all species of skunks found in Arizona, the males are larger than the females. The white stripes on this animal are often solidly joined to form one large white streak down the center of the back, or in some individuals, are so totally separated that the skunk appears nearly solid black. The hooded skunk also differs from the striped skunk in that its foot-long tail is longer than its body. Both animals have the thin white stripe on the face and have the same general preferences for riparian habitats.

There is no problem distinguishing the western spotted skunk, also known as the civet. The average length of this diminutive fellow, including the tail, is only about 15 inches. Females average less than a pound; males are about a pound and a half. This skunk is also faster and more agile than its larger cousins. The spotted skunk's overall color is black with a white triangular patch on the forehead and a white spot under each ear. Five or six broken white stripes run down the neck, back, and sides, giving the impression of blotches or spots, and the animal its name. The animal's hair is finer than that of the other species, and the tail is tipped in white. Although reported from every county in Arizona, the spotted skunk appears to favor rocky, mountainous areas.



**Hooded skunk distribution**

out the year and do not hibernate even in northern Arizona; the males instead form communal dens with several females.

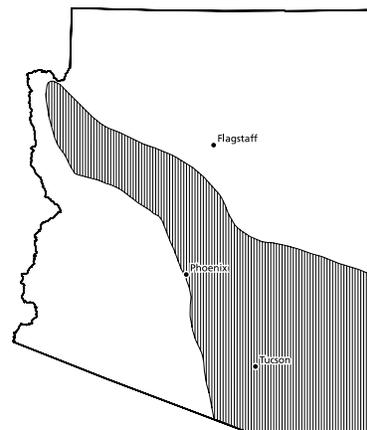
The closely related hooded skunk is the striped skunk's Mexican counterpart. It is generally confined to southeastern Arizona, although specimens have

The large, 2-6 pound hog-nosed skunk is also easily identified by its entirely white back and tail and lack of any stripe on the forehead. Moreover, the elongated and slightly up-turned snout is largely naked, and the long claws on the feet are almost bear-like in appearance. This species occurs primarily in southeastern Arizona although specimens have been obtained from as far north as Flagstaff and the Hualapai Mountains.

### *Natural History*

All of the skunks are more or less omnivores, feeding on grasshoppers and other insects, grubs, worms, mice, lizards, bulbs, carrion, and garbage. Some individuals even take to raiding hen houses, taking not only the eggs, but chickens as well. Even the hog-nosed skunk, which digs for most of its food, will eat fruits and carrion on occasion.

The striped, hooded, and hog-nosed skunks all mate in late winter and early spring, and produce from two to four young in April or May. The spotted skunk breeds in late September and early October, but the fertilized egg remains in a state of arrested development until March or April when implantation occurs with the two to four young being born about a month later. The young of all the skunk species are raised and on their own by early fall. Few skunks live more than a year or two.



**Hog-nosed skunk distribution**

### *Trapping History*

Formerly a major furbearer, striped skunks in Arizona dropped in average take to fewer than 100 per year since 1995, but have increased in take since 2005. Current average take is 215. This is in some ways unfortunate, as uncontrolled populations of these animals are prone to rabies and constitute a health hazard to other carnivores, as well as to humans. Although the amount is undoubtedly small, it would be interesting to know what percent of the number of skunks trapped constitutes spotted and hog-nosed skunks.

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# Furbearers

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GEORGE ANDREIKO

## Coati

Furbearing mammals are defined as muskrats, raccoons, otters, weasels, bobcats, beavers, badgers, and ringtails. Of these, only the bobcat is also considered a predator. All mammals not classified as game mammals, predators, or furbearers are considered “nongame mammals.” These include opossums, coatis, black-footed ferrets, Gunnison’s prairie dogs, black-tailed prairie dogs, wolves, jaguars, ocelots, and porcupines. Of these, only Gunnison’s prairie dogs and coatis may be taken during an open season, with the bag limit on coatis being one per calendar year. No season for the taking of jaguars, ocelots, wolves, or porcupines exists.

## Beaver

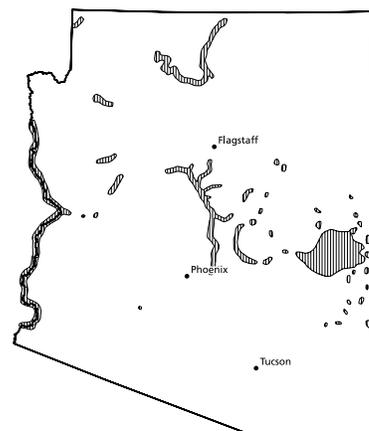
There is no mistaking a beaver—no other Arizona rodent even comes close to weighing between 30 and 60 pounds and exceeding two feet in length. Moreover, the beaver is uniquely adapted to an aquatic existence with a flattened, naked, 9 to 10 inch long, oar-like tail, webbed hind feet, dense fur, and eyes positioned high on the head. Both sexes are similar in size and possess pungent scent glands called “castors” on either side of their anus. Arizona specimens are typically a light

yellowish cinnamon color in contrast to the browner animals found in other states.

Beavers were at one time found nearly everywhere in Arizona that there was permanent water. With settlement, and the desiccation of the state’s streams, beaver populations declined. This habitat loss, and in some cases, heavy trapping pressure, caused beavers to disappear from such former strongholds as the San Pedro and Santa Cruz rivers. Introductions and natural colonizations have since enabled the beaver to recover much of its former distribution, if not numbers, and these animals can now be found along several permanent streams, some of the larger river stretches, certain shallow lakes, and even a few dirt-lined canals.

### *Natural History*

The beaver’s diet is almost exclusively plant material with the bark of cottonwoods, aspen, and willow trees being especially important. Other reported foods include tamarisk or salt-cedar, mesquite, and the roots of such tuberous aquatic plants as cattail and bulrush. Even in those places where beavers are rarely seen, their activities are conspicuous—chiseled and felled trees, brush dams along small streams and backwaters, and stick houses or “lodges” constructed either as a separate residence or within the beaver dam itself. Even more common are “bank houses,” dens excavated in river or canal banks. Whatever its construction, the den will be located above the water line, lined with cattails and grasses, and will provide a nursery area for the two to four “kits” or young beavers born in the spring.



**Beaver distribution**

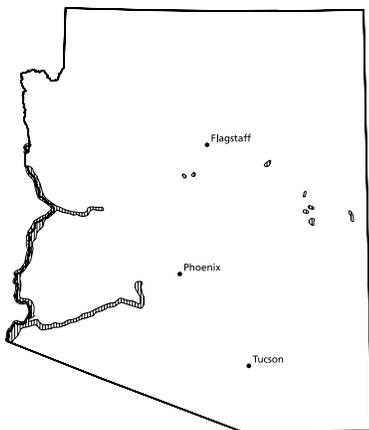
# Furbearers

## Trapping History

The average annual number of beavers trapped greatly declined since 1991 and is now virtually insignificant. Even if the fur market recovers, this species will probably never again be an important furbearer in Arizona due to the limitations on trapping and the limited areas of quality beaver habitat remaining.

## Muskrat

A large water vole, this rodent is about a foot long with thick, silky fur and a naked, 8 to 11 inch tail flattened on the side. The sexes are similar in size and weigh from 2 to 4 pounds. Most muskrats in Arizona are rusty reddish brown in color; young animals are darker than the adults, some being nearly black. Although the muskrat is highly adapted to an aquatic existence, its hind feet, while comparatively large, are not webbed like those of a beaver's.



### Muskrat distribution

Well and Peck's Lake off of the Verde River), muskrats have disappeared from some areas (e.g., the San Pedro River) and invaded others.

## Natural History

Primarily a vegetarian, the muskrat feeds on aquatic grasses, pondweed, cattail roots, and the leaves of seep willows. Although many muskrats live in bank burrows, these animals also construct distinctive conical houses of shredded cattails and other marsh vegetation in quiet waters. These dens, which may serve as feeding areas, shelter areas, or nursery sites are all entered through submerged passageways. The nursery dens are the most elaborate, typically consisting of several chambers, some of which are lined with grass and soft vegetation.

Muskrats in Arizona are reported to breed during every month of the year, but most of the young are born

between March and October. The usual litter size is five or six.

## Trapping History

Muskrats were never an important fur animal in Arizona, and the number trapped has been virtually nil since the late 1980s. Given the low state of the fur market and the limited distribution of this aquatic mammal, this status is likely to continue.

## Raccoon

This medium sized carnivore is readily identified by its heavy-set body, grizzled brownish-gray appearance, black facial mask, and banded tail. The sexes are similar and measure from about 1 feet to 2.3 feet in length with an 8 to 12 inch tail that is alternately ringed in light and dark. Weights range from about 12 to 35 pounds.

A relatively common animal along Arizona's perennial streams, lakes, and reservoirs, raccoons can also be found near some of the larger stock tanks and in rural areas where permanent water is available. Although not often seen in the wild because of its nocturnal habits, the raccoon's distinctive five-toed tracks are commonly observed in mud around stock tanks and along river courses. These animals are adept climbers as well as swimmers.

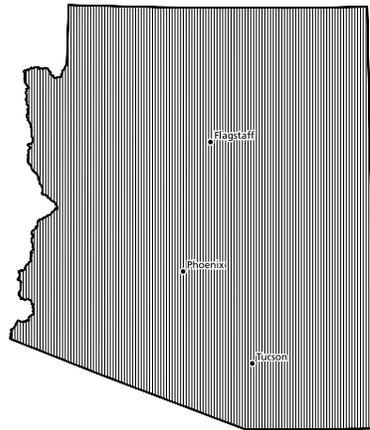
Raccoons are omnivores, eating whatever food is available—aquatic insect larvae, beetle grubs, fish, frogs,



Raccoon

PATO BREN

crayfish, wild fruits, and even carrion. In certain areas, these animals can be a nuisance, not only raiding garbage cans, but also committing depredations on poultry houses, corn fields, and fruit trees. Nonetheless, raccoon meat is considered edible by some people, and the animal is considered more a game species than a furbearer.



**Raccoon and ringtail distribution**

### *Natural History*

Raccoons have been little studied in Arizona, and their life history here is not well documented. The two to five young are presumably born in spring in a den that may be located in a rocky crevice, brush-pile, or hollow tree. The young remain with the female until the fall when they are left to find their own way in the world.

### *Trapping and Hunt History*

Both pursued with dogs as game and trapped as a fur-bearer, the raccoon is one of only a few species in Arizona that can be legally taken with a firearm at night. Because of their limited distribution near water, "coons" have never been important fur-bearers, and annual harvests from trapping have rarely exceeded 1,000 pelts. With the decline in trapping activity over the past 10 years, this take has been reduced to only a few dozen raccoons a year. Although its nocturnal habits make for few incidental takings, the raccoon's status as a game animal appears more stable. Hunt questionnaire data from general license buyers indicate an annual harvest of another 1,200 animals a year. Most of this harvest is undoubtedly by hunters with hounds.

## Ringtail

Ringtails have long, slender bodies from 14 to 16 inches in length with bushy, equally long black and white banded tails. The fur is a soft grayish brown with black-tipped hairs. Both the ears

and eyes appear oversized, and the latter are outlined in white making them seem even larger. The legs are short, and the hind feet can be rotated 180 degrees like those of a tree squirrel, enabling the animal to descend vertical surfaces. Weights vary from 2 to 3 pounds, the males being slightly larger than the females. Primarily a night-time animal, ringtails can be extremely bold and unconcerned about the presence of humans. Calls consist of a repertoire of barks, chirps, growls, howls, and yips.

Ringtails are most common in the rocky regions of southern and western Arizona with the Grand Canyon being especially favored with the presence of these animals. About the only areas devoid of ringtails are flat, alluvial valleys in that the animal prefers rocky hill-sides, canyons, rock-walled houses, and mine shafts.

### *Natural History*

The ringtail's diet varies with the seasons but usually consists of small mammals, birds, lizards, and insects, as well as plant fruits, e.g., tomatillo berries. In farm areas, the ringtail may be an important predator on chickens and other poultry. Generally, four young are born in the spring.

### *Trapping History*

Not having a particularly valuable pelt, the relatively easily trapped ringtail is most often trapped during times when fur prices and trapping activity are high. These animals can also be quite common, and in past years ringtails contributed substantially to the state's fur harvest. The take in ringtails has dropped off significantly in recent years, however, and now consists of only a couple of dozen animals.



**Ringtail**

BOB MILES

## Otter

Wonderfully adapted to an aquatic existence, the otter's elongated body terminates in a streamlined tail that tapers from a thick base to a pointed tip. Also contributing to the otter's fusiform shape is its flat-



Otter

tened head and small ears, the openings of which can be closed at will. The legs too are short, and the hind feet are webbed to the toes. The color of the densely furred coat is a rich chocolate brown with whitish underparts. Adults generally weigh from 12 to 20 pounds with lengths ranging from about 3 feet to just over 4 feet. The otter's webbed, rhomboid tracks are easily distinguishable from the also webbed, but elongated hind tracks of the beaver.

Once found throughout the Salt, Verde, Little Colorado, and probably also the Gila, and Colorado river systems, this species is now confined to the Verde River and its major tributaries where it was reintroduced in the early 1980s.

### Natural History

Although most otter activity is at night, hunting is by sight as well as touch, and clear streams appear to be favorite haunts. The otter's usual fare is fish, waterbirds, turtles, eggs, and crawfish, the latter now being the most conspicuous food item in their droppings.

The breeding season in Arizona is uncertain, but otters elsewhere usually breed in late winter or early spring. Mating usually occurs in the water. Pregnancy lasts about two months, but because of delayed implantation gestation may take up to a year. Dens are located

in natural shelters under rocks, logs, flood debris, or in river banks. Litter sizes vary, but usually consist of two or three pups. Weaning requires approximately three months, after which the young disperse.

### Trapping and Hunt History

Otters were never numerous enough in Arizona to provide an important fur resource, although old photos show these animals being trapped and otherwise taken for their pelts prior to 1930. Secondhand reports indicate that some otters may also have been killed as fish predators. Whatever its past status, this species is now completely protected in Arizona and has been for many years.

## Weasel

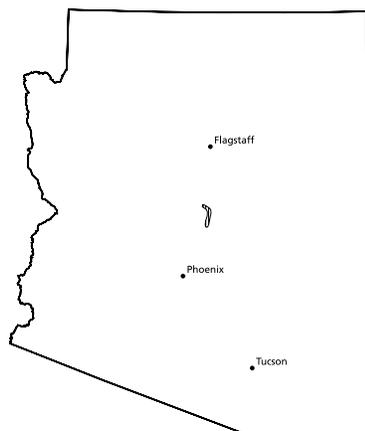
Only one species of weasel occurs in Arizona—the long-tailed weasel, which is readily identified by its dark brown coat and orangish underparts. Some white is often present on the head, and some animals may turn all white in winter. Male weasels are larger than the females, the animals ranging in length from 8 to 10 inches with the black-tipped tail adding another 4 to 6 inches. Weights range from 7 to 12 ounces for males and from 3 to 7 ounces for females. Voice is a high-pitched shriek.

Weasels in Arizona are largely restricted to high elevation wooded areas such as the Kaibab Plateau, Mogollon Rim, Chuska-Lukachukai mountains, and southern Arizona's sky-islands.

### Natural History

Weasels are voracious predators, taking cottontail rabbits, hares, and rodents much larger than themselves. They also take birds, snakes, and lizards.

Weasels breed in midsummer, but, because of delayed implantation, the four to eight young are not born until the following spring. Usually nests in old burrows or under rock piles and other debris.



Otter distribution

### Trapping History

The number of weasels trapped in Arizona is very low, however, due to the animal's limited

distribution and numbers, small pelt, and the current low number of trappers.

## Badger

A short, squat, medium-sized member of the weasel family, the badger is readily recognized by its grizzled gray, white, and black

fur, cheek stripes, short legs, long claws, and the white stripe down its head and back. Adults may weigh from about 10 to 20 pounds and are approximately 20 inches long, with the tail adding another 4 to 6 inches in length. Widely distributed, the badger occurs almost anywhere in Arizona having ground suitable to dig in and excavate burrows.



Long-tailed weasel distribution



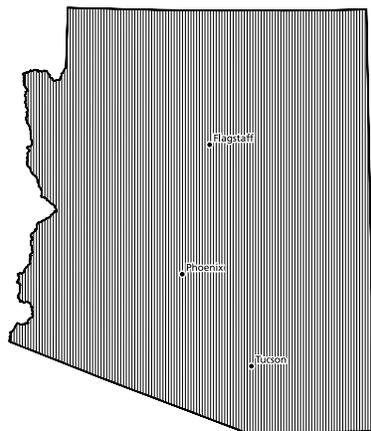
Juvenile badger

### *Natural History*

Badgers feed primarily on burrowing rodents such as prairie dogs and ground squirrels but also take snakes, lizards, and insects on occasion. Mating in these usually solitary animals takes place in the summer, the young being born the following spring due to delayed implantation. Primarily a nocturnal animal, badgers are sometimes encountered during the early morning hours.

### *Trapping History*

Although the take of badger pelts averaged more than 1,000 a year in the late 1970s and early 1980s, the number of these animals recently trapped in Arizona is



Badger distribution

virtually insignificant. A few badgers are undoubtedly also taken incidental to pursuing other game, but these numbers too must be very small. Probably less than 50 badgers a year are taken in the state.

## Trapping

Trapping has had a long and interesting history in Arizona. Indeed, the first Anglo-American explorers to Arizona were trappers who worked the state's waterways for beaver in the 1820s and 1830s. Since that time, the popularity of trapping has fluctuated widely with the vagaries of the fur trade, the numbers of trappers and animals trapped increasing when fur prices were high, and decreasing when numbers were low. The popularity of beaver skin hats prior to 1850 fueled the early interest in trapping beaver in the Gila and Colorado river systems. Raccoon coats were popular in the 1920s as were a number of other furs. The most recent surge in trapping activity in Arizona was generated by prohibitions in the trade of spotted Neotropical cats during the 1970s. Spotted cat fur was then being highly used by foreign fashion houses as trim on ladies coats. This ban increased the demand and price for legal spotted cats, and the prices paid for bobcat pelts soared through the mid-1980s when they plummeted due to changes in fashion decorum.

Depredation activities have also greatly influenced the amount of trapping activity. Trapping was widely practiced around the turn of the 19th century due to generous bounties being paid on everything from coyotes to wolves. In addition to commercial trapping for furs and bounties, many ranchers and homesteaders also trapped, both to protect their livelihood and

## Furbearers

to help make ends meet. Nor was all of the trapping carried out in the private sector; both the federal Predator and Rodent Control branch of the U. S. Biological Survey and the state Arizona Game and Fish Commission employed professional trappers after 1915, and the federal government continues to do so. One of the oddest situations occurred in the late 1940s and early 1950s when the price of pelts was low. Plagued by complaints of beaver damaging irrigation canals, the Arizona Game and Fish Department hired crews of beaver trappers to reduce the number of depredation complaints.

Generally speaking, fur prices and trapping activity were high during the 1890s, and again during and shortly after World War I. After declining in the early 1920s, prices again rose in the mid-1920s before again

falling in the 1930s. Prices picked up again during World War II, but collapsed shortly afterward before reaching another bottom in the 1950s. Prices gradually improved through the 1960s, and then accelerated in the early 1970s until the price of coyote and bobcat pelts peaked in the late 1970s and early 1980s. Since that time, competition from highly realistic faux fur and the declining use of fur in the highly volatile fashion industry have lowered fur prices even further. Another severe blow to the trapping industry was received in 1994 when a public initiative was passed in Arizona banning the use of leg-hold steel traps on public lands. Although trapping is still legal on private lands, all of these events served to depress the trapping industry until there are now fewer than 250 licensed trappers in the state of Arizona.

### *Summary of Predator and Furbearer Hunter Harvest*

Year	Hunters	Hunter Days	HARVEST			
			Bobcats	Coyotes	Foxes	Raccoons
1981	13,004	96,598	1,212	24,877	3,231	0
1982	11,130	75,258	958	25,062	3,980	0
1983	11,342	71,954	817	19,780	1,361	0
1984	12,395	78,797	1,012	19,478	1,391	0
1985	13,835	85,793	655	26,933	1,555	0
1986	15,710	114,411	911	36,771	2,960	0
1987	11,442	82,558	1,011	24,527	1,896	0
1988	10,595	58,855	408	28,234	1,281	0
1989	10,558	99,284	676	27,876	1,664	0
1990	9,521	83,913	317	17,075	952	1,079
1991	10,128	76,131	1,274	23,275	1,140	805
1992	9,028	81,931	1,262	18,299	1,796	534
1993	13,083	86,968	907	30,455	3,156	1,101
1994	10,125	93,425q	880	22,378	1,395	240
1995	13,910	93,425	791	30,350	2,337	2,215
1996	13,997	119,052	547	37,929	3,516	2,977
1997	12,279	106,681	3,235	33,469	8,134	382
1998	11,134	68,727	630	19,231	2,306	948
1999	14,535	100,626	1,463	45,781	4,934	2,382
2000	15,385	101,679	1,539	42,526	7,028	932
2001	13,570	132,768	1,538	33,589	5,587	1,164
2002	10,489	68,404	1,484	22,054	2,239	123
2003	12,365	93,589	3,257	46,253	5,566	248
2004	13,346	104,243	4,076	35,354	4,272	114
2005	19,263	120,712	1,769	46,716	5,014	592
The Small Game questionnaire was modified to collect unit specific data. Sample no longer weighted in analysis. The data is not comparable to historic data. In 2004 and 2005, the historic survey format and the new unit specific survey format were run simultaneously. Beginning in 2006, only the new unit specific survey format was used.						
2004	12,615	114,146	2,388	22,107	3,368	245
2005	12,695	220,426	2,775	35,960	4,429	118
2006	13,970	182,180	2,006	45,133	2,426	215
2007	18,969	279,935	2,332	54,701	2,962	3,781
2008	15,669	197,922	2,359	31,295	3,749	590
2009	18,141	252,213	2,919	40,919	6,410	801
2010	12,730	109,805	1,099	20,880	3,388	549
2011	20,768	272,019	2,485	55,469	9,585	1,331
2012	23,331	414,374	4,520	51,647	8,973	2,991
2013	50,662	343,427	3,132	52,888	7,377	209
2014	26,155	175,237	1,074	24,792	4,173	909
2015	23,479	174,561	781	24,595	1,562	112

## Predator and Furbearer Harvest Data

### *Summary of Trapping Numbers and Harvest Data For Predators and Furbearers <sup>1</sup>*

Trapping Year	No. of Licensed Trappers	No. of Trappers	TRAPPING HARVEST								
			Coyote	Bobcat	Skunk	Muskrat	Ringtail	Badger	Raccoon	Beaver	Fox
1976-77	1,820	1,732	17,963	7,272	3,187	793	642	1,609	5,230	65	14,334
1977-78	1,621	1,070	13,732	4,695	554	301	356	595	520	57	12,648
1978-79	1,233	1,281	17,882	6,754	1,052	76	1,098	1,316	891	8	17,585
1979-80	2,098	1,888	16,605	6,648	4,119	593	2,055	1,065	894	268	21,780
1980-81	2,008	1,834	14,858	9,537	4,119	2,949	3,222	1,124	823	83	28,059
1981-82	2,219	1,964	25,379	8,036	4,115	14	4,027	1,384	1,127	117	29,124
1982-83	1,746	1,609	17,436	5,928	4,164	42	2,964	1,105	690	21	20,856
1983-84	1,129	1,006	11,763	4,827	3,275	0	2,371	874	518	0	15,857
1984-85	1,127	1,038	13,188	5,399	2,478	235	3,096	705	951	52	20,776
1985-86	1,129	1,022	11,263	4,942	3,082	111	2,649	697	735	40	18,065
1986-87	1,163	1,029	14,198	6,421	2,400	18	3,851	780	876	87	21,000
1987-88	1,315	1,165	13,335	6,609	2,537	23	4,475	748	834	127	22,009
1988-89	852	695	6,397	3,174	1,255	25	1,968	281	241	80	14,516
1989-90	444	348	3,140	1,253	590	0	1,091	89	190	202	5,210
1990-91	222	161	1,135	322	154	0	174	33	67	28	1,807
1991-92	265	189	2,214	878	336	0	403	151	84	52	2,864
1992-93	234	202	2,372	723	300	0	258	69	49	9	3,445
1993-94	194	181	2,683	1,362	271	12	372	44	74	0	5,312
1994-95	109	85	654	181	170	0	157	24	24	0	1,647
1995-96	34	24	178	55	46	0	12	8	0	0	144
1996-97	84	57	1,307	251	89	41	30	11	57	19	648
1997-98	86	46	1,437	286	61	3	15	21	49	52	685
1998-99	81	57	1,213	312	114	0	8	27	114	16	798
1999-00	75	58	1,096	144	144	0	29	17	37	0	470
2000-01	64	32	182	109	83	0	19	10	35	3	240
2001-02	66	29	305	97	25	0	3	7	7	9	143
2002-03	65	13	274	37	35	0	8	2	8	10	54
2003-04	122	58	635	267	97	0	31	25	23	3	312
2004-05	140	82	710	432	72	0	12	70	21	9	423
2005-06	122	76	820	742	119	0	17	33	25	13	484
2006-07	140	83	670	957	188	1	35	26	19	10	751
2007-08	133	94	806	944	123	0	49	41	169	22	1,008
2008-09	192	113	707	1,124	268	0	33	35	14	5	1,173
2009-10	154	77	345	438	142	0	30	14	36	10	576
2010-11	214	161	593	1,183	187	0	22	39	46	9	673
2011-12	251	149	667	1,366	357	0	31	38	60	2	875
2012-13	392	267	905	2,045	310	0	51	57	120	5	1,932
2013-14	522	343	1,278	2,250	390	29	52	75	118	9	2,151
2014-15	471	279	1,083	1,438	378	0	21	52	127	11	1,497
2015-16	378	209	743	867	328	0	5	43	74	4	880

<sup>1</sup> Not including Indian Reservations.

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# Waterfowl

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BOB MILES

## Drakes

### *Natural History*

Arizona's waterfowl can be grouped into two general classes—ducks, geese, and coots that nest in the state, and those that merely winter here or migrate through. The number of waterfowl raised in Arizona each summer, although few, is of great importance because these birds represent our state's breeding stock. The much more abundant migrants, though present only for limited periods of time between August and March, constitute most of Arizona's waterfowl harvest. Hunt regulations have been designed to accommodate both groups.

Arizona's principal waterfowl nesting grounds are the natural and modified marshes found above the Mogollon Rim and in the White Mountains. Most of these marshlands depend on winter precipitation and snow-melt rather than groundwater, are more or less seasonal, and are mostly located above 7,000 feet elevation. Examples include Mormon Lake and Marshall Lake on the Coconino Plateau, and Basin Lake and Nelson Reservoir in the White Mountains. Farm ponds and other small wetlands in the southeastern and southern parts of the state can also be expected to

produce a few broods of Mexican ducks and black-bellied whistling ducks each year.

The principal duck species nesting in Arizona are mallards (especially in the White Mountains), pintails, cinnamon teal, redheads, and ruddy ducks. In addition to these "big five," smaller numbers of gadwall, green-winged teal, blue-winged teal, and ring-necked ducks are produced in northern Arizona marshes. Even less common are the occasional pair of canvasbacks, shovelers, and American

widgeon. Most of the ducks that migrate through or winter in Arizona are from the Great Basin or "intermountain" states, with significant numbers of pintails and green-winged teal coming from the prairie states and provinces.

Arizona also hosts a few nesting Canada geese or honkers. These birds, which were introduced by the Arizona Game and Fish Department, are found primarily on shallow lakes east of the White Mountains between 6,000 and 7,500 feet elevation. Far more important to hunters are the more than 15,000 Canada geese that make their winter home in Arizona. The great majority of these birds are referred to as the Rocky Mountain Population of Canada goose, which nest in the intermountain states. A large goose, the males or ganders typically weigh about 9.75 pounds, the females about 8.25 pounds. The vast majority of these geese, along with several hundred snow geese, winter along the lower Colorado River on Cibola, Havasu, and Imperial National Wildlife Refuges, and in a few central Arizona locations such as Roosevelt Lake. A few white-fronted geese also pass through the state in September on their way to unknown wintering locales in Mexico.

The numbers of both nesting and wintering water-



## Watershed

A serious problem facing both nesting and migrating waterfowl is that our wetlands are increasingly difficult to manage for ducks and geese because of the limited occurrence of these habitats and the competing uses resulting from Arizona's human population boom. Nesting waterfowl require protection from disturbance, and many former nesting sites are no longer productive due to the introduction of predatory game fish and summer-long recreational use. One bright note of late has been the creation of wetlands using treated sewage effluent. These "municipal marshlands" are primarily managed as waterfowl nesting and resting areas. Working in conjunction with the Arizona Game and Fish Department and U.S. Forest Service, cities such as Pinetop-Lakeside, Show Low, and Sedona have developed a number of these nutrient-rich and highly productive wetlands that are heavily used by waterfowl, as well as a variety of other wetland dependent species.

## Hunt History

When Anglo-Americans first arrived in Arizona, they found migrating and wintering waterfowl concentrated along the state's few major rivers. The lower Colorado and Gila rivers were especially noted as havens for waterfowl, with great clouds of the birds seen along the muddy banks by explorers, fur trappers, and steamboat passengers. Nor were nesting waterfowl in short supply; travelers across northern Arizona reported that they flushed a myriad of ducks in the shallow marshes on the San Francisco Plateau.

Unlike other states, early Arizona never experienced market hunting for waterfowl as a major enterprise. Prior to statehood, most duck shooting, when not for sport, was for personal subsistence. Settlers not only hunted waterfowl during spring, fall, and winter, they also gathered the ducks' eggs in spring. Gradually, with the development of the state's economies, this subsistence hunting gave way to sport-hunting, and irrigation ponds, canals and stock tanks became increasingly important waterfowl hunting locales. By the time that

fowl in Arizona vary sporadically from year to year depending on the vagaries of winter precipitation in the Great Basin region. Wet years generally see an increase in waterfowl production, while drought years result in fewer ducks being produced.

A serious prob-

lem facing both nesting and migrating waterfowl is that our wetlands are increasingly difficult to manage for ducks and geese because of the limited occurrence of these habitats and the competing uses resulting from Arizona's human population boom. Nesting waterfowl require protection from disturbance, and many former nesting sites are no longer productive due to the introduction of predatory game fish and summer-long recreational use. One bright note of late has been the creation of wetlands using treated sewage effluent. These "municipal marshlands" are primarily managed as waterfowl nesting and resting areas. Working in conjunction with the Arizona Game and Fish Department and U.S. Forest Service, cities such as Pinetop-Lakeside, Show Low, and Sedona have developed a number of these nutrient-rich and highly productive wetlands that are heavily used by waterfowl, as well as a variety of other wetland dependent species.

America entered World War I, waterfowling was one of the state's most popular outdoor pastimes—one that even attracted the attention of Arizona's often elected Governor George P. Hunt. Being migratory birds, ducks and geese came under the protection of the federal government with the passage of the 1918 Migratory Bird Treaty Act. Arizona, unlike a number of other states, did not challenge the federal jurisdiction over migratory birds, and, prior to the Treaty's enactment, had even passed a number of protective measures for waterfowl. These included closing the hunting season during the spring months and prohibiting the gathering of eggs from nesting birds. All through the 1920s, and even into the drought years of the 1930s, waterfowl hunting was as popular a sport in Arizona as quail or dove hunting, if for no other reason than one got so much more game meat for the number of shells expended.

The drought years of the 1930s were hard on America's waterfowl populations, and it soon became apparent that nesting and other wetland habitats would have to be purchased and preserved if the public was to continue hunting ducks and geese. In 1934, a federal law was passed requiring persons 16 years of age and older to purchase a "duck stamp" if they wanted to hunt waterfowl. Soon after, a program was initiated to create a series of national wildlife refuges, many of which were primarily for waterfowl. From the 1940s through the 1950s Arizona saw the creation of two national waterfowl refuges on the Colorado River—Imperial and Havasu—as well as the acquisition of state wildlife areas such as Mitty Lake on the Colorado River, and Arlington and Robbins Butte on the middle Gila River. A number of waterfowl studies also started at this time, and banding investigations showed the value of managing waterfowl by flyways, a concept that was formalized in the hunt regulations in 1948. As a result, Arizona is included in the Pacific Flyway, which includes the Great Basin states as well as those on the Pacific Coast.

Major hunting restrictions incurred during the past 50 years have included limiting the take of such species as canvasbacks and redheads, closing certain portions of refuges and management areas to provide undisturbed resting and feeding places, and imposing the use of nontoxic steel shot rather than lead shot for the taking of waterfowl. Recently, favorable habitat conditions and resulting waterfowl production throughout the United States and Canadian breeding grounds has led to liberal season lengths and bag limits; although, long-term declines of pintail and scaup have resulted in those species having bag limit restrictions.

The federal government, in conjunction with participating states, coordinates three major waterfowl surveys each year. The first of these, which does not include Arizona, is the "Breeding Ground Survey," which attempts to measure the coming year's productivity by

## Waterfowl

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estimating the number of nesting ducks present on the continent's major nesting grounds in Alaska, Canada, and in the prairie states. The results of this survey are strongly linked to fall forecast flights of ducks and corresponding harvest frameworks. The "Winter Area Survey," which does include Arizona, is also conducted each year, and tallies the number of waterfowl using major wintering areas in the southern United States and Mexico. The number of birds counted on these surveys in Arizona has generally declined from the 1960s, when up to 42,000 ducks were observed in a given year, until the 1980s and '90s when counts often tallied less than 10,000. Conversely, the total number of Canada geese observed has increased from around 7,500 birds in 1960 to an average of 20,000 geese throughout the 1980s and '90s. The 1999 and 2000 survey revealed an increase in total ducks observed at about 35,000 with geese decreasing down to around 15,000 birds. The increase in ducks corresponds with the recent increase in the breeding ground surveys and the fall flight forecast.

The third survey is the annual hunt questionnaires sent to duck stamp purchasers requesting information on the number of ducks and geese bagged. Since 1979, to better evaluate the data obtained from this survey, Arizona has tried to maintain a standardized waterfowl season of approximately 100 days with a seven-bird bag limit (certain species excepted). As a result, Arizona's waterfowl regulations do not greatly vary from year-to-year, and bag-limit regulations do not provide for bonus

(or penalty) points for taking certain species of waterfowl. The sample size of the state's hunt questionnaire survey greatly improved in 1988 when waterfowl hunters were required to purchase an Arizona waterfowl stamp in addition to a federal stamp.

The number of waterfowl hunters has fluctuated over the years, as much in response to duck stamp price increases as to any change in waterfowl numbers. Hunter numbers have been in a general downward trend since the mid-1980s, when more than 12,500 hunters took to the field, to the late 1990s when only about half that number participated. Recent estimates indicate that hunter numbers are again headed upward, and the long-term average of between 10,000 and 12,000 duck hunters a year may again be realized. Waterfowl hunting is nonetheless a resource-regulated sport, and Arizona's limited wetland areas will never accommodate high densities of hunters.

Annual waterfowl harvest figures are also sporadic. Estimates range from more than 150,000 ducks being harvested during the fall and winter of 1979-80, to less than 18,000 ducks being taken in 1990-91. The average annual take during the past three years has been about 45,000 birds. Goose harvests tend to be more predictable, with hunters usually claiming between 2,000 and 4,000 Canada geese and a few snows each year.

# Waterfowl Survey and Harvest Data

## *Summary of January Waterfowl Survey<sup>1</sup>*

Year	Ducks	Mergansers	Coots	Canada Geese	Snow Geese
1950	27,455	No survey	19,255	7,375	1,200
1951	10,965	1,350	4,780	5,155	1,150
1952	33,320	1,545	12,155	4,210	1,395
1953	25,050	1,335	22,060	3,050	1,400
1954	19,665	1,810	41,725	3,515	1,970
1955	27,115	965	8,570	2,860	900
1956	24,950	995	25,480	2,860	330
1957	44,455	610	31,840	3,640	215
1958	20,565	1,985	20,385	3,770	255
1959	34,700	1,795	24,055	5,865	335
1960	42,220	2,775	17,615	6,046	471
1961	27,100	4,395	19,055	5,526	583
1962	24,465	4,185	19,065	5,940	520
1963	22,260	4,145	40,625	6,650	805
1964	21,370	4,967	27,752	7,142	551
1965	21,304	3,298	15,900	4,431	229
1966	32,342	12,963	53,962	5,744	213
1967	19,425	3,980	12,278	3,602	192
1968	40,091	4,127	27,706	4,370	259
1969	11,020	4,854	9,839	3,052	500
1970	17,880	7,301	16,674	3,135	262
1971	19,212	3,552	15,649	3,502	221
1972	23,123	2,584	17,194	4,241	706
1973	19,684	4,682	12,935	4,745	503
1974	19,785	2,661	24,305	5,357	502
1975	9,828	1,775	17,831	2,534	228
1976	2,280	1,000	2,800	3,545	0
1977	4,680	700	1,900	3,511	4
1978	3,451	32	1,850	4,339	0
1979	18,326	220	3,160	4,962	7
1980	29,240	2,110	4,265	13,992	6
1981	10,550	281	3,033	9,170	2,500
1982	4,043	71	1,781	10,835	34
1983	5,176	202	1,026	13,373	2,527
1984	9,450	581	816	16,831	865
1985	7,306	830	162	17,619	1,443
1986	12,189	3,204	510	23,042	2,621
1987	9,623	2,321	1,337	14,131	1,103
1988	3,330	1,108	797	23,930	2,229
1989	6,317	298	1,409	22,594	1,303
1990	4,617	1,061	1,117	26,974	2,830
1991	7,114	1,894	1,135	31,897	4,434
1992	4,724	1,108	808	18,733	1,207
1993	7,961	826	143	22,596	1,265
1994	7,605	364	603	22,607	1,653
1995	11,933	881	1,051	21,078	2,941
1996	10,019	330	1,209	15,326	1,927
1997	9,776	220	2,356	18,598	1,325
1998	35,081 <sup>2</sup>	1,749	757	14,164	2,965
1999 <sup>3</sup>	29,979	995	12,036	21,040	2,352
2000	29,376	450	12,924	9,169	446
2001	36,191	713	17,802	14,670	976
2002	20,498 <sup>4</sup>	53	22,053	11,250	983
2003	22,489	220	9,517	13,351	261
2004	25,895	219	not counted	7,777	349
2005 <sup>5</sup>	48,186	443	43,185	14,921	1,250

<sup>1</sup> In 2001, this summary was revised to include Waterfowl from Cibola, Havasu and Imperial National Wildlife Refuges. Refuge data was collected by Refuge personnel.

<sup>2</sup> Resulting from excellent habitat condition.

<sup>3</sup> In 1999, the biologists conducting the survey changed; therefore, the observation rate may have changed.

<sup>4</sup> Resulting from poor habitat conditions (drought).

<sup>5</sup> Good late winter precipitation. Several lakes that had been nearly dry for years (specifically, San Carlos Reservoir) had water.

# Waterfowl Survey and Harvest Data

## Summary of January Waterfowl Survey<sup>1</sup> (continued)

Year	Ducks	Mergansers	Coots	Canada Geese	Snow Geese
2006	16,974	633	12,727	13,849	911
2007	16,626	329	16,680	17,578	603
2008	18,360	292	30,973	7,695	750
2009	13,865	339	9,338	10,619	726
2010	20,276	109	25,516	7,936	1,409
2011	20,694	210	6,514	5,949	1,470
2012	10,319	332	4,009	3,059	1,219
2013	11,101	209	780	1,031	0
2014	Surveys no longer performed				
2015	Surveys no longer performed				

<sup>1</sup> In 2001, this summary was revised to include Waterfowl from Cibola, Havasu and Imperial National Wildlife Refuges. Refuge data was collected by Refuge personnel.

<sup>2</sup> Resulting from excellent habitat condition.

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<sup>4</sup> Resulting from poor habitat conditions (drought).

<sup>5</sup> Good late winter precipitation. Several lakes that had been nearly dry for years (specifically, San Carlos Reservoir) had water.

## Summary of Arizona Waterfowl Harvest

Year	Stamps Issued	Hunters	Hunter Days	HARVEST	
				Ducks	Geese
1981-82		10,904	57,184	81,091	5,169
1982-83		10,995	46,356	61,733	3,714
1983-84		8,438	39,470	46,820	3,357
1984-85		11,636	63,366	109,279	4,300
1985-86		12,508	64,508	79,653	4,994
1986-87		12,750	76,502	114,753	6,261
1987-88 <sup>1</sup>	8,299	7,139	53,425	87,400	5,243
1988-89	7,104	5,101	33,683	34,662	4,054
1989-90	6,750	3,455	20,606	23,576	2,273
1990-91	6,292	2,513	16,324	17,683	2,219
1991-92	5,264	3,062	19,885	19,703	1,936
1992-93	5,383	3,389	22,464	23,241	3,631
1993-94	5,371	3,701	23,286	22,907	2,723
1994-95	5,107	4,138	30,041	35,971	3,009
1995-96	6,598	5,228	34,187	41,390	3,184
1996-97	6,908	5,513	35,784	41,603	3,247
1997-98	6,957	5,387	36,433	47,363	2,796
1998-99	7,951	5,964	42,853	61,685	2,911
1999-00	8,521	6,455	39,861	51,028	6,275
2000-01	9,019	5,677	44,431	48,788	4,504
2001-02	7,733	3,821	28,534	33,950	4,183
2002-03	6,775	4,885	35,146	35,128	2,859
2003-04	6,733	4,804	32,810	37,211	2,969
2004-05	6,334	4,459	31,373	35,421	3,051
2005-06	6,519	4,658	30,736	42,450	2,625
2006-07	6,776	4,001	28,107	42,771	1,996
2007-08	7,071	4,630	33,020	49,782	2,431
2008-09	5,580	3,775	30,305	37,494	1,666
Waterfowl data is now obtained from the Harvest Information Program conducted by the U.S. Fish and Wildlife Service. The data is not comparable to that obtained from Arizona's questionnaire.					
2009-10	5,682	3,400	18,800	37,100 <sup>2</sup>	5,300 <sup>3</sup>
2010-11	6,000	3,400	18,200	38,500 <sup>2</sup>	1,800 <sup>3</sup>
2011-12	6,733	4,400	29,600	38,300 <sup>2</sup>	3,700 <sup>3</sup>
2012-13	6,623	3,100	18,200	51,000 <sup>2</sup>	1,600 <sup>3</sup>
2013-14 <sup>4</sup>	----	4,700	23,200	68,200 <sup>2</sup>	2,700 <sup>3</sup>
2014-15 <sup>4</sup>	----	3,000	14,100	25,600 <sup>2</sup>	2,300 <sup>2</sup>
2015-16	-----	2,298	10,300	21,603 <sup>2</sup>	2,400 <sup>3</sup>

<sup>1</sup> State waterfowl stamp implemented.

<sup>2</sup> Confidence intervals on duck harvest from the Harvest Information Program: 2009-10 +/-19%; 2010-11 +/-20%; 2011-12 +/- 56%; 2012-13 +/- 23%; 2013-14 +/- 22%; 2015-14 +/- 15%00

<sup>3</sup> Confidence intervals on goose harvest from the Harvest Information Program: 2009-10 +/-46%; 2010-11 +/-13%; 2011-12 +/- 56%; 2012-13 +/- 35%; 2013-14 +/- 62%; 2014-15 +/- 62%, 2015-2016 +/- 46%

<sup>4</sup> Stamps now include migratory birds, e.g., dove and band-tailed pigeon, so numbers are no longer comparable.

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## Sandhill Crane (*Grus canadensis*)

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### *Natural History*

Portions of three distinct populations of sandhill cranes winter in Arizona. Cranes from both the Rocky Mountain (RM) and Mid-Continent (M-C) populations winter in the Sulphur Springs and Gila River valleys in southeastern Arizona. Other sandhills from the

Lower Colorado River Valley (LCRV) population winter along the lower Colorado River, primarily on the Colorado River Indian Reservation, Cibola National Wildlife Refuge, and below Gillespie Dam on the Gila River. RM cranes nest primarily in Idaho, Montana, Wyoming, and Utah, while cranes from the LCRV population mostly nest in northeastern Nevada. The



BOB MILES

# Sandhill Crane

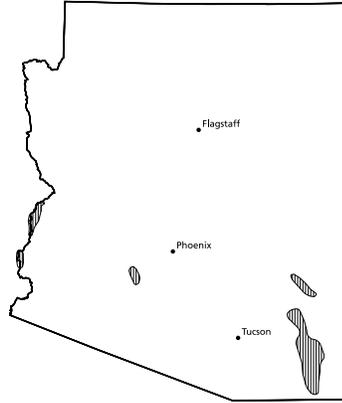
nesting range of the M-C population includes much of Canada and Alaska. Birds from this latter population pass through the central plains before staging on the Platte River where they continue on to their wintering grounds in Texas, Oklahoma, New Mexico, Arizona, and Mexico.

Wintering areas selected by sandhill cranes feature shallow-water roosting sites with low or sparse vegetation including playa lakes and sandbars along shallow, braided river channels. Another requirement is the close proximity of harvested fields of grain, such as corn and milo. High-energy grains are needed to maintain the birds in sufficient condition to make their return migration in mid-to-late February.

Cranes leave their roosting areas in early morning, usually about sunrise, to fly to feeding areas where they typically spend from three to four hours eating. During midday the cranes return to the roost, or go to a nearby loafing area, which is commonly a grassland or wetland. In the late afternoon, cranes sometimes revisit their feeding area before returning to their nighttime roosts.

Sandhill cranes in the western United States nest in high elevation shallow marshes and wet meadows. Adult pairs do not nest until they are at least four or five years old, and typically have very poor success the first year or two. Cranes commonly lay two eggs, but only about one-third of the successful nesters are able to raise two young or "colts." In dry years, when wetlands shrink, predators, especially coyotes, take a heavy toll on the flightless young. During recent dry years the proportion of young-of-the-year birds in the fall population has been around four percent. Even in good production years, young-of-the-year birds rarely comprise more than 12 percent of the fall population.

Depending on habitat conditions, sandhills begin congregating in local agricultural areas, called pre-mi-



**Sandhill crane distribution**

gration staging sites, in late August. Migration to wintering areas begins in September, the birds typically migrating in a few, high-altitude flights to traditional stopover areas. For cranes of the three populations that winter in Arizona, the major stopovers are the Platte River in Nebraska for the M-C, San Luis Valley in Colorado for the RM, and wetlands near Lund, Nevada, for the LCRV. Cranes begin arriving on their wintering areas between late September and mid-October.

## *Hunt History*

A generally uncommon species in Arizona, sandhill cranes are protected by the Migratory Bird Treaty Act of 1918. In the early 1970s, however, counts of around 1,000 cranes wintering in Sulphur Springs Valley prompted concern that these birds might eventually cause crop damage. By 1980 more than 4,000 cranes were being tallied, and a limited hunt of 100 permits was authorized in 1981. This hunt was gradually expanded as crane numbers continued to increase and fears that the birds would winter elsewhere subsided. As of 2009, more than 390 permits were being authorized and census figures showed a wintering population between 30,000-40,000 sandhill cranes in Sulphur Springs Valley.

## Sandhill Crane Harvest Data

### *Summary of Sandhill Crane Harvest*

Year	Mid-Winter Survey <sup>1</sup>	Permits Authorized	Total Applicants	Permits Issued <sup>2</sup>	Hunters Afield	Hunter Days	Percent Harvest	Hunter Success	Draw Odds <sup>3</sup>
1981	4,350	100	234	100	55	119	42	49	42.7
1982	5,640	100	279	100	55	95	73	78	35.8
1983	8,550	100	356	100	77	152	55	55	28.1
1984	8,350	100	239	104	72	110	69	74	41.8
1985	11,500	150	436	150	121	234	92	46	34.4
1986	11,450	150	239	150	124	217	138	69	62.8
1987	11,070	300	378	300	212	406	193	57	79.7
1988	6,670	300	505	300	228	446	207	58	59.4
1989	11,730	300	451	300	219	473	158	47	66.5
1990	11,990	165	512	165	139	275	123	53	32.3
1991	10,000	300	326	296	255	517	216	54	92.0
1992	2,470 <sup>4</sup>	300	342	300	258	532	176	48	87.7
1993	12,740	300	381	300	217	401	174	50	78.7
1994	9,210	300	390	300	227	464	113	32	76.9
1995	24,190	270	390	270	211	423	157	48	69.2
1996	12,500	315	443	315	256	521	141	38	71.1
1997	21,050	315	389	315	235	430	193	47	81.0
1998 <sup>5</sup>	24,616	310	440	321	232	450	151	40	72.9
1999	21,650	310	456	309	242	518	113	33	68.0
2000	21,131	310	383	305	218	389	203	57	80.9
2001	22,928	310	356	310	235	468	180	52	87.1
2002	21,327	310	349	310	253	489	239	58	88.8
2003	31,443	310	397	306	248	497	189	48	77.1
2004	29,208	325	367	311	263	319	192	59	84.7
2005	30,570	365	333	333	261	548	277	66	95.8
2006	28,156	365	353	353	222	559	180	55	97.4
2007	36,823	365	295	309	254	442	311	72	99.3
2008	29,103	375	368	318	261	485	162	48	84.5
2009	41,149	390	356	217	299	628	387	61	84.5
2010	30,415	399	370	373	312	690	309	48	95.4
2011	35,530	390	392	357	312	664	185	42	90.3
2012	29,633	410	352	399	343	734	366	55	100.1
2013	28,777	340	402	316	269	560	176	42	78.6
2014	20,832	340	359	306	266	519	223	48	85.2
2015	32,411	400	383	362	386	810	379	51	90.0
2016	23,497	535	413	413	386	804	449	57	100.0

<sup>1</sup> The Mid-Winter Survey occurs in December and January. The survey conducted in December 2011 and January 2012 is labeled 2011. The data listed is only for the Willcox Playa and surrounding areas.

<sup>2</sup> Permits Issued includes any tags via the draw and first-come, first-serve.

<sup>3</sup> Draw Odds is the number of permits issued through the draw divided by total applicants in the draw.

<sup>4</sup> Poor survey conditions.

<sup>5</sup> As of 1998, Sandhill crane check stations will be conducted every 3rd year (2011, 2014, 2017). Data will be based on the hunter questionnaire results unless a check station is conducted; then, harvest numbers will be taken from the check station results. Reminder questionnaires were sent if necessary.

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# Other Birds and Mammals

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The Migratory Bird Treaty Act protects all birds except rock doves, European starlings, house sparrows, and all other non-native species. However, the federal government permits the states to open a season on certain birds and waterfowl. Mammals that are not classified as big or small game, predators, or furbearers are considered nongame and are managed by the Arizona Game and Fish Commission as “other mammals.” Many of these mammals can be hunted by licensed individuals throughout the calendar year, with notable exceptions presented below. While there are no bag limits on most of these species, most nongame mammals are not hunted. As a result, harvest data for these species are not available.

## BIRDS

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### Pigeon (Rock Dove)

Pigeons are closely associated with human developments including towns, parks, and agricultural landscapes. In their native settings, they nest along the seashore on airy cliffs and in rocky crevices or caves. In urban areas, they commonly nest on high-rise buildings, billboards, bridges and other structures. They average 12.5 inches in length. The coloration is highly variable, the most common being a dark gray head and neck with green and purplish iridescence on the neck, a back of lighter gray, and a whitish rump. The tail has a black band and the wings two black bars. The call is a soft coo familiar to most homeowners.

#### *Natural History and Status*

Pigeons nest year round in Arizona, building messy nests of sticks and roots. Nests are often placed under an overhang of some sort such as under eaves or bridges. The eggs are white. The species can raise four or five broods of one or two young in a single year. As with other pigeons, both sexes feed the young regurgitated “crop milk” exclusively for the first few days. After approximately five days, the young begin eating seeds and

are soon eating the adult diet of grains and sometimes greens and insects. During the nonbreeding season, pigeons form large roosting and feeding flocks. Pigeons were introduced from Eurasia in the late 1800s and



House (English) Sparrow

have become established throughout the United States.

### House (English) Sparrow

House sparrows are common residents of cities and farms statewide. These brownish, conical-billed sparrows are approximately 5 inches in length. The males sport black bibs and beaks, white cheeks, blue-gray caps, chestnut napes, and black-streaked backs. Females are slightly smaller and less distinctive, with grayish, pale underparts, light-buff eye streaks, and striped backs. The house sparrow’s lively calls and songs consist of chirps and cheeps that are familiar to almost every homeowner.

#### *Natural History and Status*

House sparrows nest from February through early summer, often having three broods per year. The nests, which may contain four to seven white to bluish colored eggs with gray or brown markings, are messy, woven affairs that may be located in eaves, palm fronds, bird

houses, or most any other suitable site. House sparrows will nest in cavities and aggressively compete with native species for nest sites. When they are not nesting, house sparrows commonly form flocks of up to a dozen or more birds. Highly adaptable, they feed on a wide variety of seeds, fruits, and insects. This resourceful bird greedily accepts almost any human handout and are commonly encountered foraging for morsels at fast-food restaurants.

House sparrows were introduced to Arizona from Europe via railroad cars from the East, and have been breeding residents since at least the early 1900s. They arrived in Tucson in 1903-04, had reached Winslow, Holbrook, and other railroad towns by 1909, and were widespread throughout the state by 1915. Despite its lack of protection, the species remains widely distributed, wherever humans and agricultural fields are found.

### European Starling (Starling)

European Starlings are found in a wide variety of habitats, but are most numerous in or near human settlements that provide open, grassy areas for foraging and trees or structures for nesting. This dark, 8-inch, meadowlark-sized bird is a common resident of city parks, residential areas and agricultural lands below 7,500 feet elevation. Although usually found in urban, suburban and agricultural settings, starlings are also found in the desert, usually near small towns or dwellings. Starlings can be differentiated from other black birds by their short tails, robust build, narrow and light-colored bills, and short, pointed, brown wings. Both sexes are iridescent black in summer, and heavily speckled in winter. Starlings eat a varied diet including insects, fruits and seeds. When feeding, they walk, rather than hop, from site to site. Their principal call is a guttural squeak, although they also mimic other birdcalls.

#### *Natural History and Status*

European starlings reside in Arizona year-round and can initiate breeding activities as early as mid-January in warm areas of the state. Most breeding activity occurs from April to July, but nesting has been reported into early fall. Starlings take up residence in cavi-



European starling

GEORGE ANDREIKO

ties such as woodpecker holes in saguaros or trees. Like the house sparrow, starlings are considered a pest species because they compete for nest sites with native species such as purple martins, woodpeckers and bluebirds. European Starlings will even evict nesting birds and destroy their eggs. Starlings typically lay four to six blue eggs and can raise two or three broods each year. When the species is not nesting, they form large communal roosts, which may contain hundreds of birds. A more recent arrival than the house sparrow, European starlings were first recorded in Arizona in 1946 near Lupton, with the first nest reported near Glendale in 1954. The species is now both a breeding resident and a migrant in the vicinities of Phoenix, Tucson, Kingman, Yuma, and other Arizona cities and towns.

### Peach-faced Lovebird

In Africa, peach-faced lovebirds prefer dry, open country including wooded savannas, palm groves, and arid mountain slopes. In Arizona, they are primarily found among the ornamental plantings in desert urban and residential settings. Although locally established in and around the greater Phoenix metropolitan area, they do not venture into the surrounding desert lands. They are small, bright green, parrot-like birds with a pinkish face and light-colored bill. Regular visitors to many backyard water and feeding stations, they have also been observed feeding on cactus fruit, apples, palm fruit, and seed pods.

#### *Natural History and Status*

Like many other parrots, peach-faced lovebirds are cavity nesters and will take up residence in woodpecker holes in saguaros, under tile roof openings, and in untrimmed palm fronds. Lovebirds nest in groups and thus far there has been no evidence that they compete with native birds for nest sites. In Arizona, most nesting occurs from April through May. They will lay from three to eight eggs per clutch, possibly rearing two broods per year. The first free-ranging flock of peach-faced lovebirds in the Phoenix area was reported in 1987 near the border of Mesa and Apache Junction, and by the mid-1990s local flocks and colonies of lovebirds were discovered throughout the eastern half of the greater Phoenix metropolitan area.

### American Crow (Crow)

In Arizona, American crows are far outnumbered by their larger and more heat-tolerant relative: the common raven. Crows occur as local breeding residents in the more open areas of the Mogollon Rim, along the South Rim of the Grand Canyon, in the higher portions of the Navajo Indian Reservation, and along the

San Francisco River. This shiny, all black 1.5-foot-long bird can be differentiated from the larger raven by its smaller beak and tail, smoother plumage, and distinctive “caw” call. Also unlike ravens, crows rarely soar, but instead flap their wings when flying directly from point to point. Because of crop depredations, an open season on this species is authorized from September 1 through December 31.

### *Natural History and Status*

American crows are native to North America and reach their highest densities in the northeastern United States. They form large communal roosts during much of the year, sometimes in groups large enough to be problematic in towns or industrial areas. During the breeding season, however, the species is most often observed in smaller family units. They typically place their nests in well-hidden areas of their nest trees, generally close to the trunk. Nests are made of dead sticks, bark, corn stalks, twine, and cow dung, and lined with soft materials. Crows lay from three to nine bluish-green eggs marked with brown speckles. They feed on a variety of foods including insects, carrion, small mam-

mals and birds, bird eggs and grains, including some agricultural crops. Numbers have probably increased significantly since European settlement because of agricultural developments and timber clearing. Human developments have also enabled breeding range expansions into portions of the West and Midwest.

## MAMMALS

### Coati

This relative of the raccoon is usually seen individually or in small bands called “troops.” The lone males or “solos” may weigh up to 12 pounds, and greatly exceed the smaller 5.5- to 7-pound females in size. From 2.5 to just over 4 feet in length, coatis are approximately the size of a small dog. They range in color from ochre to cinnamon brown to nearly chocolate. Their most distinctive characteristics, however, are their clown-marked faces and faintly banded, tapered tails that commonly exceed 2 feet in length, giving coatis the superficial appearance of monkeys.



**Black-tailed prairie dog**

### *Natural History and Status*

Also known as chulos, coatis are semi-arboreal animals rarely found far from trees. Like tree squirrels, coatis have jointed hind feet, allowing the animals to descend the trunks of trees headfirst. These largely diurnal mammals are found primarily in mountains and canyons in the southeastern quarter of the state. Their principal habitats are Madrean oak-pine woodland and riparian deciduous forest. Highly omnivorous, their principal foods are lizards, insect larvae, bird eggs, acorns, fruits, and other mast.

Troops of coatis, which may range in size from one or two to up to 40 animals, are typically composed of females, sub-adults, and weaned young of the year. Males leave the troop when about 2 years old, after which they associate with the females only during the spring breeding season. Nursing females leave the troop for four to six weeks after giving birth. From one to six young are born in June or July. Born helpless in a den or hollow tree, the youngsters remain with their mother until old enough to forage with the troop in the fall.

BOB WILES

Coati numbers fluctuate markedly, and at least two major population declines have been reported for Arizona. Recently, however, they appear to be expanding their range northward and are now common in such places as Aravaipa Canyon and the Sierra Ancha, where they were unheard of prior to 1970. Current hunt management authorizes a seven-month season, and a bag limit of one coati per calendar year.

### Gunnison's Prairie Dog

Prairie dogs are robust, diurnal ground squirrels that live in underground colonies called "dogtowns." Their tails are relatively short, less than 25 percent of the body length. The animals get their name from their doglike barks, which warn the colony of intruders. Male Gunnison's prairie dogs are just over a foot long, with 2-inch, grayish to white-tipped tails. Adult males weigh about 1.75 pounds and females less than 1.5 pounds. Male and female are similar in appearance, both a pale buff in color. The species is now largely restricted to Great Basin grasslands above the Mogollon Rim, although colonies formerly extended south and east of Prescott to the Dewey and Dugas areas, as well as to the San Carlos Indian Reservation.

#### *Natural History and Status*

Gunnison's prairie dog colonies tend to be small, and usually contain fewer than 50 animals. Their burrow entrances are not typically built up into craters, unlike those of black-tailed prairie dogs. Gunnison's prairie dogs enter torpor below ground during winter months, and breed in February-March. The three to four pups typically appear in June. Grasses, forbs, and sedges are the usual dietary items.

### Black-tailed Prairie Dog

Slightly larger than the Gunnison's prairie dog, this 15-inch-long rodent is yellowish tan in color with a usually dusky-tipped 3-inch tail. Male black-tailed prairie dogs average about 2 pounds; the females about 1.9 pounds. Unlike those of Gunnison's, the entrances to the burrows of black-tailed prairie dogs often have cratered mounds that can reach up to 3 feet in height. The underground burrow network may be extensive, and black-tailed prairie dog colonies were often large, especially those in the San Pedro and Sulphur Springs valleys

#### *Natural History and Status*

Black-tailed prairie dogs are active all year, and will come out on sunny days even in midwinter. The species breeds in late February; the young are born in March

and appear in May. Dietary items include grass stems, grass roots, and shrubs.

Black-tailed prairie dogs formerly occurred in the semidesert grasslands of southeastern Arizona south of the Gila River, westward to the vicinity of Fort Huachuca. They have been extirpated in Arizona since 1959, although a small colony on the Day Ranch 15 miles southeast of Duncan on the Arizona-New Mexico border persisted until 1974. An attempt to reintroduce this animal to the Appleton Research Ranch (near Sonoita) in the summer of 1974 failed. The species has recently been protected in Arizona, in the hope that individuals from three colonies in Sonora within five miles of the United States-Mexico border might recolonize our state.

## SPECIALLY PROTECTED MAMMALS

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The following mammals are protected at all times because they are endangered species, resemble endangered species, or are otherwise deemed in need of protection due to low numbers or vulnerability.

### Bats

Arizona, with 28 species of bats belonging to four families (ghost-faced, leaf-nosed, vesper, and free-tailed), has one of the most diverse bat faunas of any state. Ranging in abundance from the American free-tailed bat, which numbers in the millions, to the seldom-seen ghost-faced bat, Arizona's bats are highly beneficial. They feed on insects and find their prey by emitting and receiving sonic waves—a process similar to sonar and known as echolocation. Each species has its own high-pitched call, some of which can be heard by human ears. Our largest bat species, the western mastiff bat, is about 7 inches long and has a wingspan of up to 18 inches. The western pipistrelle, at only 2.5-3 inches long is Arizona's smallest bat. Some species, such as the spotted bat with its death's-head markings and huge ears, are bizarre in appearance.

#### *Natural History and Status*

Although nearly all of Arizona's bats are insectivores, two, the lesser long-nosed bat and the Mexican long-tongued, feed on nectar and pollen. Some species, such as the red bat, are generally solitary, but most roost in colonies, selecting as their daytime retreat a particular cavern, rock fissure, or mine tunnel. Most bats are migratory, although a few over-winter by hibernating. To reduce competition, the various species use different habitats and feeding strategies. Pallid bats, for example, typically feed low to the ground; the western mastiff

bat tends to hunt high over water or in the tree canopy. It is also an unfortunate fact that bats transmit rabies, with the result that they expose dozens of people a year to this potentially deadly virus.

All bats are protected in Arizona due to their generally beneficial nature and the rarity of certain species. Colonial roost sites may also be protected, and certain caves have been declared “off-limits” because of their value to these intriguing flying mammals.

## Black-footed Ferret

This uniquely North American mammal has always been extremely rare in Arizona, with only four specimens ever collected in the state. Until a reintroduction program began in 1996, the last ferret reported in Arizona was in 1931 when bubonic plague and rodent control programs killed off the ferret’s prairie dog prey. The black-footed ferret is a low slung, weasel-like animal less than 2 feet in length, with sooty black feet. The overall color is a yellow-buff, the face has a distinctive black mask, and the approximately 5-inch tail is tipped in black. Males are significantly larger than females, weighing about 2.25 pounds to the female’s 1.5 pounds.

### *Natural History and Status*

Ferrets are almost exclusively restricted to prairie dog colonies, which provide most of the animal’s food. The

ferret is primarily a nocturnal species. It breeds during mid-March or April, and after a gestation of 45 or so days give birth to from two to five young. The kits remain in a nest underground with their mother for 40 days or more and do not disperse to forage on their own until September, attaining breeding maturity at one year of age. The presence of ferrets can be detected by their tracks and diggings, which consist of 4-inch-deep trenches and lengthy piles of soil adjacent to prairie dog holes. Federally designated an endangered species in 1967, black-footed ferrets are the focus of an Arizona Game and Fish Department program to reintroduce captive-reared animals in Aubrey Valley. Although the project is still relatively young, some animals have already reproduced in the wild.

## Hualapai Mexican Vole

Voles or meadow mice are dark brown, short-tailed (<1.5”) terrestrial rodents with short fur and small, rounded ears. The sexes are nearly identical in pelage and size. The Mexican vole, to which this race belongs, is widely distributed at higher elevations, with populations found in the White Mountains, the San Francisco Peaks, along the Mogollon Rim, and in such isolated ranges as the Sierra Ancha, Bradshaw Mountains, Navajo Mountain, and Hualapai Mountains. The latter population, and possibly those on the Hualapai Indian Reservation to the north, has been described as a separate subspecies due to its isolation. The identifying

characters of this so-called Hualapai vole are not well defined, but are based on its having a smaller relative size, longer hind feet, and more cinnamon underparts than its closest neighbors.

### *Natural History and Status*

This 1.25-inch-long rodent prefers dry, grassy meadows and canyons in proximity to ponderosa pines, Gambel’s oaks, pinyon-juniper woodlands, and chaparral. As with most rodents, numbers may fluctuate from rare to abundant. Not as prolific as some other rodents, their litter



GEORGE ANDREIKO

Townsend’s big-eared bat

## Other Birds and Mammals

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sizes vary from one to four and average about 2.5. This isolated population of Mexican voles is protected as a Federally endangered species.

### Jaguar

More than 50 of these large, spotted cats have been documented from Arizona since 1900. Although there are some early records of what appear to be young jaguars, almost all of the animals taken or photographed after 1950 have been wandering males from Sonora, Mexico. The last recorded female in Arizona was taken in 1962.

Borderland jaguars tend to be small when compared to those in South America. The males average from about 125 to 160 pounds; the females are smaller, averaging about 110 pounds—approximately the same as mountain lions. Adult jaguars stand about 2.25 feet to 2.5 feet tall at the shoulder. The males average about 7 feet in length and the females about 6 feet. The tail is relatively short, about 17 to 30 inches and less than half of the length of the head and body. Dorsal colors range from a pale yellow-buff to a golden orange. The black spots on the head and shoulders are relatively small, transforming to a complicated series of bars, splotches and broken rings or rosettes on the back, flanks, feet and tail. Underneath, the jaguar varies from a very pale gray to snow white with black markings. Although appearing garish in the open, jaguars are in fact wonderfully concealed in the dappled shadows of their wooded and scrubland habitats.

The only New World “roaring cat,” jaguars call to each other by emitting a series of hoarse, rasping grunts.

#### *Natural History and Status*

Although jaguars have been recorded as far north as the Grand Canyon, most have been recovered or photographed in the borderland mountains in the southeastern quarter of the state. Found primarily in tropical thornscrub and deciduous forest in Mexico, most Arizona jaguars have been encountered in Madrean evergreen woodlands and scrub-invaded semidesert grassland. Several jaguars have been taken in proximity to water, and several have been taken in montane conifer forests, at least one above 9,000 feet elevation.

Jaguars hunt mostly at twilight and at night, seeking a wide variety of prey. Prey items in Arizona have ranged from frogs to elk, but white-tailed deer, javelina, and coatis appear to be the most important natural prey. Livestock is taken when available, especially calves.

Female jaguars reach sexual maturity at about 2.5 years. For biological and social reasons, most males do not breed until age 3 to 4. The breeding season in

the Southwest borderlands appears to be in January or February, the young being born in spring after a 100-day gestation period. The one or two cubs are weaned at about 22 weeks, but female offspring may remain with the mother for more than a year. The average life span of Sonoran jaguars is thought to be less than 10 years due to the scarcity of game and their persecution as stock-killers. Jaguars have been protected in Arizona by state law since 1969, and U.S. populations were declared an endangered species in 1997. Prior to this time, jaguars have at various times been considered as furbearers, predators, or nongame mammals. The Department is engaged in a Conservation Team working to conserve jaguars of the Arizona-New Mexico-Mexico borderlands.

### Jaguarundi

These low slung, 10- to 20-pound felines require dense tropical vegetation and are usually found near water. The animal's head and ears appear small for a cat, and the 1- to 2-foot tail is less than the body length. Two color phases of these uniformly colored cats occur—cinnamon and charcoal gray. Largely terrestrial, jaguarundis take to trees only when pursued by dogs, at which time they can display much arboreal agility. More diurnal than other wild felids, jaguarundis usually occur alone or in pairs. The species also emits a whistle-like call on occasion.

#### *Natural History and Status*

Jaguarundis feed on small mammals, such as cotton rats, as well as a variety of birds, lizards, and snakes. The breeding season varies with locality, but the gestation period is from 60 to 70 days after which from one to four kittens are born.

This species has never been documented as occurring in our state, or even southward in Sonora, Mexico. Jaguarundis have been protected here since 1972, on the basis of visual reports and the possibility that this animal might occur in Arizona. The species is included here only because it remains federally listed in Arizona.

### Ocelot

These 18 to 22-pound felines are residents of southeastern Arizona, mainly in the Sky Islands of the Coronado National Forest. Their background color is a grayish or brownish orange color with black stripes and dots. Solitary and terrestrial, the “gato galavis,” as the species is known in Sonora, is largely nocturnal in its habits. Averaging about 22 pounds, male ocelots are slightly larger than the 19.5 pounds for the average female. The head and body length is approximately 3 to 3.5 feet, with the tail providing another 13 to 14 inches.

### *Natural History and Status*

Multiple observations of male ocelots dispersing from Sonora, Mexico have occurred since the turn of the century. In Arizona, they have been documented as far north as Globe, Arizona and west to the mountains near Interstate 19. The life history of the gato galavis in Sonora remains largely uninvestigated, but the litter size in other ocelot populations is one or two. The kittens' eyes are shut for 2.5 weeks and they remain with their mother for 18 to 20 months. Most ocelots do not reach breeding maturity until 2 years old or more.

Ocelots feed mostly on terrestrial mammals, such as cottontails, but reptiles are also taken. Adults may have a home range of 3,000 acres or more. Ocelots have been protected in Arizona since 1969. Any change in the species' status is therefore difficult to ascertain, as any ocelots taken by trappers and/or predator control agents are unlikely to be reported.

## Otter (see Furbearers)

## Porcupine

These large, bulky rodents are unmistakable. The large head, long spines intermixed with equally long or longer blackish, brownish, and yellowish hair, and heavy claws make for instant identification. The males are bigger than the females, but the females have longer

tails. Overall, the animal's total length is about 2.5 feet, of which approximately 8 inches constitutes the tail. Weights range from 7.75 to 40 pounds depending on the porcupine's age and condition.

### *Natural History and Status*

Possessed of poor vision but with a good sense of smell, porcupines are active mainly at night. Habitats occupied include forested mountains, riparian forests, meadows, semidesert grasslands and even deserts. During the winter months, porcupines may feed almost exclusively on the inner bark of pine trees, although the bark of cottonwoods, mesquites, and ocotillos is also taken. Porcupines lose weight when feeding only on inner-bark, however, and also eat mistletoe, acorns, fungi, cactus fruit, and other mast when available. During the summer months, the species feeds on the ground and is frequently seen in mountain meadows feeding on grasses and sedges. Porcupines are fond of salt and will gnaw ax handles and other objects having this mineral.

Solitary animals, porcupines den in hollow trees and burrows as well as in rocky outcrops and mine shafts, often using the same den site year after year.

Females mature in 1 year, males in 2.5. Mating takes place in September and October, often in a tree, and is usually accompanied by highly vocal grunts, squeals, and shrieks. The males are very aggressive at this time and will fight any other males they happen to come upon. Gestation is seven months and the single offspring is born in late April or early May. The youngster,

weighing about a pound, is highly developed and well able to care for itself, staying with the mother only through its first summer. Probably because of their slow-paced life style, porcupines can live up to 9 years of age—a relatively long time for a rodent.

Although totally protected in Arizona, porcupines were unprotected for many years due to the damage inflicted on both mature ponderosa pines and pine seedlings, as evidenced by the trees' girdled trunks and white areas of peeled bark. As recently as the 1950s, hunters were encouraged to kill any porcupines encountered. Densities of porcupines appear to vary with time,



GEORGE ANDREIKO

Porcupine



BOB MILES

### Mexican gray wolf

however, and the species now appears much reduced in comparison to numbers reported earlier. Nonetheless, porcupines may still cause problems locally and require relocation to other areas.

## Gray Wolf

The Mexican wolf is the rarest, southern-most occurring, and most genetically distinct subspecies of all the North American gray wolves, which was listed under the Endangered Species Act as an endangered subspecies (*Canis lupus baileyi*) in 1976. Mexican wolves historically inhabited montane woodlands and adjacent grasslands in northern Mexico, New Mexico, Arizona, and the Trans-Pecos region of western Texas at elevations of 4,000-5,000 ft. where native ungulate prey species were numerous. By the early 1970s, the Mexican wolf was considered extirpated from its historical range in the southwestern United States and no Mexican wolves were known to exist in the wild in the United States or Mexico from 1980 until the beginning of the Mexican wolf Reintroduction Project in 1998. Southwestern wolves stand about 30 inches high at the shoulder, and differ from the much smaller (less than 35 pounds) coyotes by having heavier, deeper chests, larger broader heads, shorter, thicker muzzles,

larger nose pads, and a thicker neck that shows a ruff or mane when the animal's hackles are raised. Wolves also have long, slender forelegs and a dark-tipped tail. Coat color varies with season and individuals, some animals being so light as to be nearly white and others so dark as to appear almost black. The usual pelage, however, is a grizzled mixture of grays, browns, blacks, and whites on backs and flanks. Adults are about 4.5 to 5.5 feet long, with 14 to 17 inch tails. The males are about 10 pounds heavier than the females, weighing between 65 and 85 pounds, versus the female's 55 to 80 pounds.

Perhaps the wolf's most distinctive trademark is its mournful howl, which is usually given in late fall and early winter, and which once heard, is never forgotten.

### *Natural History and Status*

Wolves are mostly active at night and hunt by trailing and running their prey to ground. Their preferred habitats are rolling woodlands, level forests, open meadows, and grasslands. Wolves historically fed on deer, elk, pronghorn, cottontails, and mice but readily adapted to taking sheep and cattle when livestock were introduced to Arizona.

For behavioral as well as biological reasons, wolves do not usually reach sexual maturity until they are about 2.5 years old. The breeding season in Arizona is between November and mid-February, and the gestation period is 63 days. Den sites are selected by the female, and may consist of an enlarged burrow, hollow log, or a natural crevice. Four to eight sooty-brown pups are born in the spring and nursed for six to eight weeks. They are cared for by both parents. Although they are weaned in late fall, when they are 2.5 to 3 months old, the young wolves, especially the females, may remain with the parents for another year or so before dispersing.

Wolves are social animals, but packs in Arizona have historically been small, usually consisting of from one or two to seven animals. Wolves can have very large home ranges and travel long distances in search of food and mates.

Mexican wolves were reintroduced to the wild in 1998 in Arizona and New Mexico as a nonessential experimental population pursuant to section 10(j) of the Endangered Species Act. A binational captive-breed-

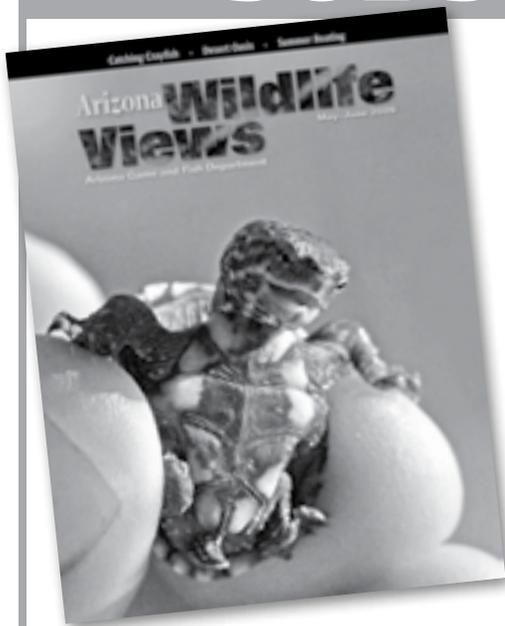
## Other Birds and Mammals

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ing program between the United States and Mexico was initiated in the late 1970s with the capture of the last remaining Mexican wolves in the wild. The establishment and success of the captive breeding program prevented absolute extinction of the Mexican wolf and, by producing surplus animals, provided a source of Mexican wolves for reintroduction in the wild. All Mexican wolves alive today originated from three lineages (Ghost Ranch, 24 Aragon and McBride) and the breeding of these “founding” Mexican wolves and generations of their offspring has produced a captive population approaching 250 wolves in 52 facilities in the United States and Mexico.

A total of 13 captive-bred Mexican wolves were initially released in 1998 into a portion of the Blue Range Wolf Recovery Area (BRWRA), which is part of a larger Mexican Wolf Experimental Population Area (MWEPA) that has been established as the footprint for the Mexican wolf reintroduction project. The BRWRA serves as the primary Mexican wolf occupancy area and is comprised of the Apache and Gila National Forests in Arizona and New Mexico, and is surrounded by the larger MWEPA that extends across Arizona and New Mexico between Interstate Highway 10 to the south and Interstate Highway 40 to the north. Under the 1998 nonessential experimental population rule, wolves are allowed to be released and disperse within the BRWRA. Mexican wolves entering the MWEPA (leaving the BRWRA) are subject to capture and relocation into the BRWRA. In the seven years from 1998 through 2004 a total of 87 Mexican wolves were initially released from captivity into the wild, with the number of initial releases declining in subsequent years (2007-2013) due, in part, to the wild population demonstrating natural growth through wild-born wolves. The 2013 year-end population count reflected a minimum estimated population of 83 Mexican wolves in Arizona and New Mexico with the population being entirely comprised of wild-born wolves.

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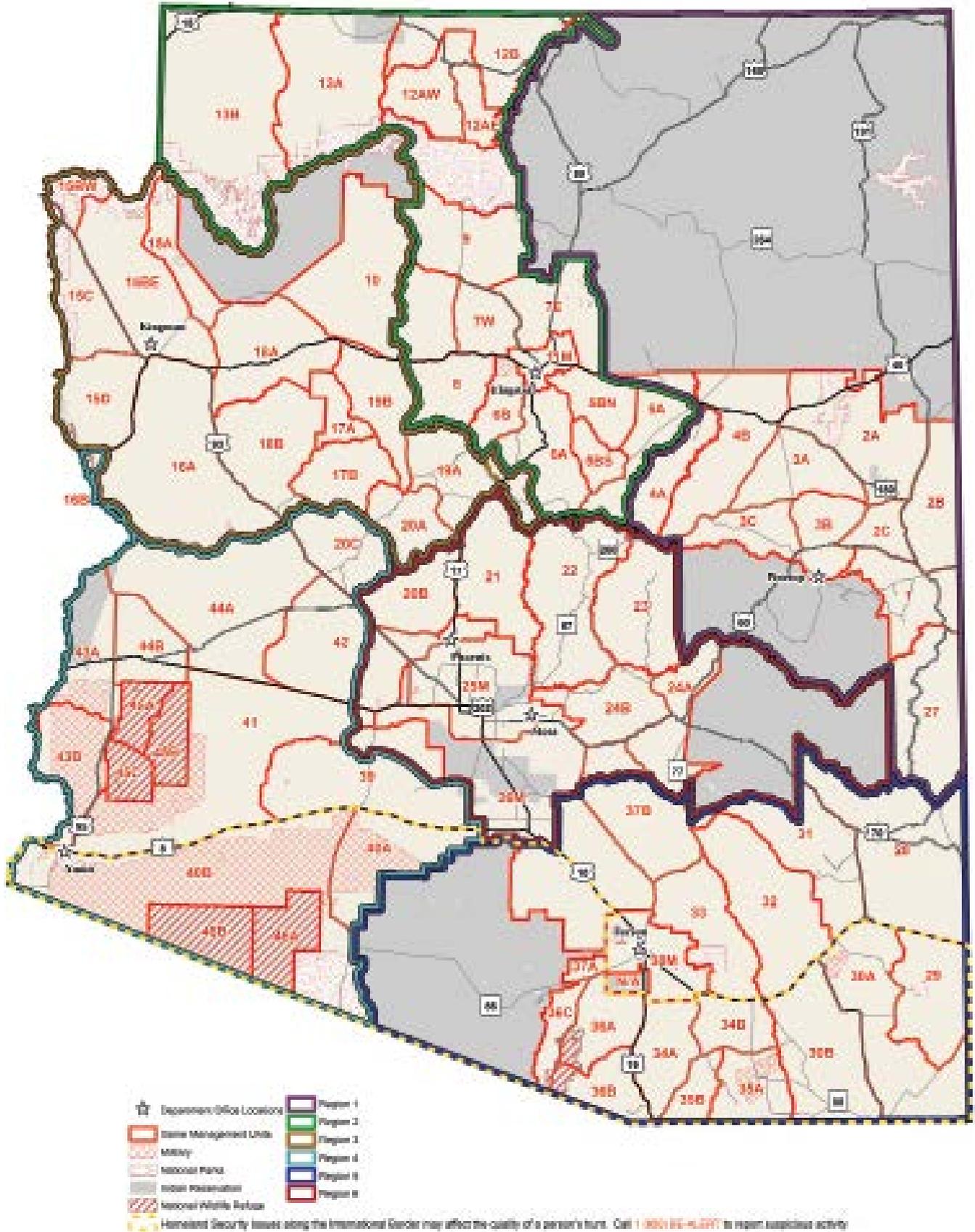


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# Game Management Unit Map





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