

# Pronghorn Hunter Survey: Topline Summary (Aug 2021)

HUMAN DIMENSIONS SECTION OF STATE MANAGEMENT PLAN

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## **EXECUTIVE SUMMARY**

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## **METHODS**

### **Participants**

The pronghorn human dimensions survey had a single target population: purchasers of at least one pronghorn tag between 2015-2020.

Contact mode was email via GovDelivery. Response mode was a web-based questionnaire hosted by Qualtrics. Data collection began on 17-Jun-2021 with an initial invitation email (n = 14,477) this was followed by automated reminders on 19-Jun and 21-Jun to individuals who did not open the invitation email. A second email was sent on 29-Jun-2021 (n = 10,165), followed , by automated reminders on 01-Jul and 03-Jul.

### **Sampling**

Sampling is a process to select a subset of individuals from within a target population to estimate characteristics of the whole population. It is often infeasible or unrealistic to gather information from every member of a population; we draw a sample from the target population, study that sample, and generalize findings back to the population from which the sample was chosen.

A sample frame is the source (list) used to select a sample from the target population. The sample frame was sourced from IDFG's customer license database and included all purchasers of at least one pronghorn tag between 2015-2020 (n = 17,865). Additional exclusions to the sample frame were individuals under the age of 18 (n = 1,391), individuals who did not provide an email address (n = 1,218), and duplicate emails (n = 779). The 2021 pronghorn human dimensions sample consisted of 14,477 eligible participants. Coverage—percent of purchasers who provide an email compared to all purchasers—as of June 2021 was 92% of all eligible purchasers of at least one pronghorn tag between 2015-2020.

The pronghorn human dimensions survey used a census sampling procedure. The census procedure includes all eligible individuals listed in the sample frame (excluding duplicates). Email invitations were sent to 14,477 eligible participants.

### **Measures**

The pronghorn human dimensions survey focused on management relevant measures and concepts: (a) pronghorn hunting experience, preferences, and behaviors, (b) perception of pronghorn populations, (c) satisfaction and motivations, (d) perceptions of crowding, access, and negative interactions with other hunters, and (e) hunt attribute importance and actualization.

## RESULTS

**Table 1**

Survey distribution summary statistics.

<b>Description</b>	<b>Count</b>	<b>Remove</b>	<b>Notes</b>
Population	17865	—	Tag purchasers from 2015-2020
Eligible	16474	1391	Under 18 years old
Email contact	15256	1218	Did not provide email
Duplicate email	779	779	All duplicate emails removed
Sample	14477	—	92% email coverage
Started	6223	—	
Completes	5082	—	100% complete
Partials	905	—	39% complete average
Responses	5987	—	Partial and full completes
Exclusion	230	230	Empty responses but 100% progress
Exclusion	217	217	30% complete threshold for analysis (Q8)
Dataset	5540	—	
Effective response rate	41%	—	(5987/14477)
Completes response rate	35%	—	(5082/14477)

## Demographics

**Table 2**

Participant demographics.

	M	SD
<b>Age (years)</b>	46.7	14.7
<b>Idaho residency (years)</b>	34.5	17.6
	n	%
<b>Gender</b>		
Female	401	8
Male	4617	92
<b>Ethnicity</b>		
Asian	26	<1
Black/African American	10	<1
Hispanic/Latino	66	1
Indigenous	28	1
Native Hawaiian	14	<1
White	4644	93
Don't Know	65	1
Other	136	3
<b>Income</b>		
Less than \$20,000	194	4
\$20,000 - \$49,999	885	19
\$50,000 - \$99,999	1206	26
\$75,000 - \$99,999	728	15
\$100,000 - \$149,999	1005	21
\$150,000 - \$199,999	369	8
Greater than \$200,000	329	7
<b>Employment status</b>		
Full-time	3810	77
Part-time	168	3
Temporary	35	1
Unemployed	97	2
Retired	757	15
Disabled	73	2

### Comments and Interpretation:

- White males aged over 40 years old was the most represented demographic segment, which is a common finding among big game hunting user surveys.
- The majority of participants reported full-time employment and an income between \$50,000-\$150,000.
  - 15% of participants indicated they are currently retired.

## Statewide

### Q1A\_Years\_Applied

How many years have you applied to hunt pronghorn in Idaho?

		n	%
Statewide	1-4 years	1953	35
	5-9 years	1272	23
	10-14 years	752	14
	15-19 years	423	8
	20+ years	1130	20

### Q2A\_Seasons\_Hunted

How many seasons have you hunted pronghorn in Idaho?

		n	%
Statewide	Never hunted pronghorn in Idaho	3	<1
	1-4 years	4071	74
	5-9 years	856	16
	10-14 years	295	5
	15-19 years	122	2
	20+ years	187	3

#### Comments and Interpretation:

- The majority of participants reported applying to hunt pronghorn in Idaho only within the last 10 years, and 35% reported applying only with the past 4 years. These results are likely partially connected to recent changes to pronghorn season structure and regulations.

### Q2A\_Weapon\_Preference

Since you started hunting pronghorn in Idaho, which weapon have you used most often?

		n	%
Statewide	Bow	2618	47
	Rifle	2490	45
	Muzzleloader	367	7
	Other	55	1

### Q2A\_Weapon\_Exclusive

Do you only hunt pronghorn with preferred weapon?

		n	%
Statewide	No, I will hunt with any weapon allowed by tag	3175	58
	Yes, I will only hunt with my preferred weapon	2342	42

#### Comments and Interpretation:

- Findings support parity between the number of participants who hunt most often with bow and rifle hunters.

### Q3\_ATV

How often do you bring an ATV/UTV to hunt pronghorn?

		n	%
Statewide	Never	2320	42
	Rarely	907	16
	Sometimes	1015	18
	Often	619	11
	Always	667	12

#### Comments and Interpretation:

- ATV/UTV usage does not seem to be a common among participants.

### Q4\_Satf\_1 TO Q4\_Satf\_5

Since you started hunting pronghorn in Idaho, how satisfied are you with the following:

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	Overall pronghorn hunting experience	5511	3.6	1.0	4	12	18	53	14
	Pronghorn tag draw odds	5493	2.6	1.2	22	31	21	22	4
	Pronghorn harvest success	5512	3.5	1.1	6	12	23	45	13
	Number of pronghorn	5497	3.4	1.0	4	18	20	47	9
	Amount of pronghorn habitat	5501	3.7	.9	2	8	18	58	13

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

#### Comments and Interpretation:

- Satisfaction with the overall pronghorn hunting experience was notably high, particularly as consumptive recreational users tend to be less satisfied than other types of recreational users.
  - Similar satisfaction was reported for harvest success, pronghorn numbers, and the amount of pronghorn habitat.
- Participants were less satisfied with pronghorn tag draw odds compared to other attributes measured, which is expected given draw odds are a “game of chance” and not in direct control of the user.

### Q5\_Numbers\_Change

Since you started hunting pronghorn in Idaho, how has the number of pronghorn changed in your preferred hunting area?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	Hunter numbers change	5501	2.6	.8	10	30	50	9	2

Note. Scale: greatly decreased (1), decreased (2), no change (3), increased (4), greatly increased (5)

### Q6A Numbers Decrease

In your opinion, what one issue has most caused the number of pronghorn populations to decrease in your preferred hunting area?

		n	%
Statewide	Severe winters	424	20
	Over-harvest	267	12
	Habitat loss	252	12
	Predators	240	11
	Competition with grazing	237	11
	Presence of ATVs/UTVs	232	11
	Water availability	181	8
	Water hole locations	103	5
	High road densities	96	4
	Connectivity	70	3
	Fencing	58	3

Note. Participant answered only if Q5 = greatly decreased (1), decreased (2)

### Q6B Numbers Increase

In your opinion, what one issue has most caused the number of pronghorn populations to increase in your preferred hunting area?

		n	%
Statewide	Harvest limits	188	33.2
	Mild winters	151	26.6
	Lack of competition	54	9.5
	Water availability	40	7.1
	Habitat improvements	33	5.8
	Reduced predation	30	5.3
	Low road densities	20	3.5
	Water hole abundance	20	3.5
	Lack of ATVs/UTVs	19	3.4
	Connectivity improvement	12	2.1

Note. Participant answered only if Q5 = increased (4), greatly increased (5)

### Comments and Interpretation:

- 80% of participants reported a perception of decrease or no change in pronghorn numbers in their preferred hunting areas.
  - 30% perceive pronghorn populations are greatly decreasing or decreasing
  - 11% perceive pronghorn populations are increasing or greatly increasing
- Of those who reported pronghorn numbers are greatly decreasing or decreasing, severe winters was perceived as the issue that has decreased the number of pronghorn populations in their preferred hunting area.
  - That was followed by over-harvest, habitat loss, predators, competition with grazing, and presence of ATVs/UTVs.
  - Of these issues, the extent to which IDFG has the ability to manage or influence for the benefit of pronghorn herds or hunters is variable.
- Of those who reported pronghorn numbers are increasing or greatly increasing, harvest limits and mild winters were credited with increasing pronghorn numbers in their preferred hunting areas.



- The somewhat paradoxical (conflicting) perceptions between those who perceive pronghorn numbers as increasing or decreasing may warrant attention and outreach, with a particular focus on open and transparent communication of harvest and its effect on herds.

### Q7\_Harvest\_Success

Since you started hunting pronghorn in Idaho, how has your harvest success changed?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	Harvest success change	5512	2.8	.6	4	17	74	5	1

Note. Scale: much worse (1), worse (2), no change (3), better (4), much better (5)

#### Comments and Interpretation:

- Similar to pronghorn numbers, participants reported worse to no change in their harvest success; 74% reported no change in their harvest success.

### Q8\_Year\_Recent

When was the last (most recent) year you hunted pronghorn in Idaho?

		n	%
Statewide	2015	282	5
	2016	354	7
	2017	471	9
	2018	711	13
	2019	1118	21
	2020	2212	41
	prior to 2015	287	5

#### Comments and Interpretation:

- 75% of participants reported they have hunted pronghorn in Idaho within the past 3-years.

### Q9\_Unit

Among the units you could hunt during the most recent season you hunted, which three units did you hunt pronghorn the most? Please list up to three units in order from the most to least about amount of time spent hunting pronghorn.

#### Comments and Interpretation:

- Units 40 and 41 are the most preferred units among all participants and between each of the three rankings. Units 42, 44, 45, 46, 50, 51, and 63 were all consistently ranked in the top across first, second, and third preference.
- Additional analysis could control for participants zip code proportional (weighted) preference rather than raw rankings or could correlate preferences with herd metrics.

**Q9\_1\_Unit**  
Unit preference (1st)

	n	%
41	501	9.5
40	422	8.0
63	339	6.4
46	326	6.2
45	320	6.1
50	291	5.5
44	261	5.0
51	223	4.2
42	192	3.7
37	183	3.5
68	183	3.5
58	165	3.1
52A	158	3.0
36	140	2.7
54	138	2.6
52	128	2.4
30A	123	2.3
29	108	2.1
47	102	1.9
30	101	1.9
49	96	1.8
59A	92	1.7
59	80	1.5
39	78	1.5
36A	73	1.4
37A	72	1.4
61	62	1.2
60A	60	1.1
21A	47	.9
36B	33	.6
53	30	.6
60	29	.6
48	26	.5
38	18	.3
55	15	.3
28	12	.2
76	10	.2
57	8	.2
32	6	.1
56	6	.1
32A	1	.0

**Q9\_1\_Unit**  
Unit preference (2nd)

	n	%
41	289	9.2
40	220	7.0
42	174	5.6
45	171	5.5
44	160	5.1
51	137	4.4
50	136	4.3
46	129	4.1
63	116	3.7
52	110	3.5
37A	108	3.5
59	106	3.4
58	102	3.3
47	95	3.0
37	87	2.8
68	86	2.7
52A	78	2.5
59A	74	2.4
29	69	2.2
36A	67	2.1
30	62	2.0
30A	62	2.0
49	62	2.0
39	49	1.6
60A	43	1.4
53	42	1.3
54	42	1.3
48	37	1.2
60	34	1.1
36B	32	1.0
61	32	1.0
36	31	1.0
21A	26	.8
55	14	.4
28	12	.4
57	10	.3
38	9	.3
32A	5	.2
32	4	.1
56	4	.1
76	4	.1

**Q9\_1\_Unit**  
Unit preference (3rd)

	n	%
40	160	7.2
41	151	6.8
42	145	6.5
45	117	5.2
63	114	5.1
50	98	4.4
46	96	4.3
51	96	4.3
58	88	3.9
44	84	3.8
52	78	3.5
29	72	3.2
68	70	3.1
37	67	3.0
59A	65	2.9
49	63	2.8
52A	58	2.6
59	55	2.5
39	51	2.3
36	45	2.0
36A	44	2.0
30A	38	1.7
54	37	1.7
61	37	1.7
47	35	1.6
30	33	1.5
60A	31	1.4
37A	30	1.3
21A	29	1.3
48	24	1.1
53	24	1.1
36B	23	1.0
60	22	1.0
28	16	.7
56	9	.4
32	8	.4
38	8	.4
55	7	.3
57	5	.2
76	2	.1
32A	1	.0

**Q10\_Land\_Type**

Which land type did you hunt on most often for pronghorn?

		n	%
Statewide	Public	4218	79
	Private	284	5
	A mix of public and private land	873	16

**Q11\_Land\_Type**

When you hunted pronghorn on both private and public land, what percentage of your time did you hunt on each?

		M	SD
Statewide	Public	55.1	23.0
	Private	44.9	23.0

Note. Participants answered only if Q10 = "A mix of public and private land" (n = 865).

**Comments and Interpretation:**

- The majority of participants hunt pronghorn on public land but those that hunt on both public and private land (n = 865) split time near equally between public and private land.

**Q12\_Weapon**

Which weapon did you use to hunt pronghorn (during the most recent season you hunted)?

		n	%
Statewide	Bow	2539	47
	Rifle	2366	44
	Muzzleloader	411	8
	Other	47	1

**Q13\_Harvest**

Did you harvest a pronghorn (during the most recent season you hunted)?

		n	%
Statewide	No	2807	53
	Yes	2518	47

**Comments and Interpretation:**

- Overall (all hunt methods) harvest success aligns with MHR data:
  - 2016-20 all hunt methods harvest success average: 36-50%

**Q14\_Crowd**

Which rating — from "not crowded" to "extremely crowded" — best describes the level of crowding you experienced (during the most recent season you hunted)?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
Statewide	5282	3.9	2.6	26	13	11	8	12	9	10	4	7

Note. Scale: 1-2 (not at all), 3-4 (slightly), 5-7 (moderately), 8-9 (extremely)

**Q15\_Crowd\_Numbers**

Which rating — from "fewer hunters" to "more hunters" — best describes how you feel the number of other pronghorn hunters have changed since 2015?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
Statewide	5183	6.0	2.4	5	4	7	8	20	10	13	7	24

Note. Scale: 1 (fewer hunters) – 9 (more hunters)

#### Comments and Interpretation:

- Compared to other types of big game hunters, participants indicate a lower perception of crowding while hunting pronghorn. That pronghorn is a controlled hunt species and uses a draw system could explain lower levels of perceived crowding.
- In some contrast to low levels of perceived crowding, participants do indicate a perception that pronghorn hunter numbers have increased since 2015. That perception is likely tied to the reality of changes to pronghorn season structure that have facilitated more opportunities to hunt pronghorn in Idaho.

#### Q16\_Crowd\_Reason

What contributes most to the crowding you experience hunting pronghorn in your preferred units?

		n	%
Statewide	Other people	2388	45
	Access to land	1329	25
	Crowding is not an issue	1540	29

#### Q16A\_People (Q16 = Other people)

In terms of other people, who contributes most to the crowding issues you experience?

		n	%
Statewide	Other pronghorn hunters	1563	66
	Non-resident pronghorn hunters	458	19
	Non-hunters that use the same areas	307	13
	Sage-grouse hunters	41	2

#### Q16B\_Access (Q16 = Access to land)

In terms of land access, what contributes the most to access issues you experience?

		n	%
Statewide	Limited access to private property	728	56
	Competition for specific hunting locations	348	27
	Limited road or trail access	151	12
	Waterholes are too close to roads	46	4
	Personal issues	36	3

#### Comments and Interpretation:

- If the participant considered crowding an issue, other people were the main reason for crowding and other pronghorn hunters were the primary user group that contributes to crowding. If access to land to hunt pronghorn was considered the main reason for crowding, access to private property was the primary factor that contributes to their perceived crowding.

**Q17\_Difficult**

How difficult or easy was it for you to hunt pronghorn in your preferred units?

	Descriptive			Frequency (%)			
	n	M	SD	1	2	3	4
Statewide	5204	2.5	.8	7	39	45	8

Note. Scale: very difficult (1), difficult (2), easy (3), very easy (4)

**Q18\_Encounter**

How often did you encounter other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Statewide	5223	3.3	1.1	6	19	35	28	13

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q19\_Displacement**

How often did you move to another location because of other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Statewide	5224	2.5	1.2	27	19	31	19	4

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Comments and Interpretation:**

- 46% of participants report it was difficult or very difficult to hunt in their preferred unit; 53% easy or very easy. Interpretation of this finding is not straightforward since the “why” is unknown.
  - Perception of difficult or easy may be influenced by the controlled hunt season structure.
- In general, encounters with other pronghorn hunters is a ubiquitous experience, 41% encountered other pronghorn hunters often or always. If it is not already, it should be an expectation of pronghorn hunters that they will encounter others in the field.
- 27% were never displaced by other pronghorn hunters while 23% were displaced often or always. Displacement is an understudied experience but regional or unit focused scoping could reveal more details about this potential issue.

**Q20\_Encounter\_SageGrouse**

How often did you encounter sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Statewide	5194	1.6	.9	62	23	11	3	1

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q21\_Displacement\_SageGrouse**

How often did you move to another location because of sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Statewide	5202	1.2	.6	84	9	5	1	<1

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q22\_Fights**

How many verbal or physical altercations did you personally see or experience while on a pronghorn hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
Statewide	5192	1.2	.6	87	11	2

Note. Scale: none (1), a few (2), several (3)

**Q23\_Vandalism**

How often did you personally see or experience vandalism or theft while on a hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
Statewide	5207	1.2	.6	89	10	2

Note. Scale: never (1), once or twice (2), more than twice (3)

**Comments and Interpretation:**

- In general, physical altercations and vandalism were not experienced or seen by participants. However, the 12-13% of participants that indicated they did experience or see these will be further explored via segmentation on relevant variables.

**Q24\_1\_Satf\_SeeBuck TO Q24\_7\_Satf\_LongSeason**

How satisfied were you with the following (during the most recent season you hunted)?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	Seeing any bucks	5137	3.6	1.0	4	12	20	53	11
	Seeing mature bucks	5120	3.2	1.1	8	20	23	42	7
	Shooting at any bucks	5095	3.1	1.0	8	15	37	33	6
	Shooting at mature bucks	5094	3.0	1.1	12	20	35	28	6
	Filling my tag	5119	3.2	1.2	12	16	26	33	13
	Seeing lots of pronghorn	5114	3.3	1.1	8	19	22	41	10
	Having a long season	5110	3.5	.9	4	10	32	45	9

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

## Q25\_1\_Import\_SeeBuck TO Q25\_7\_Import\_LongSeason

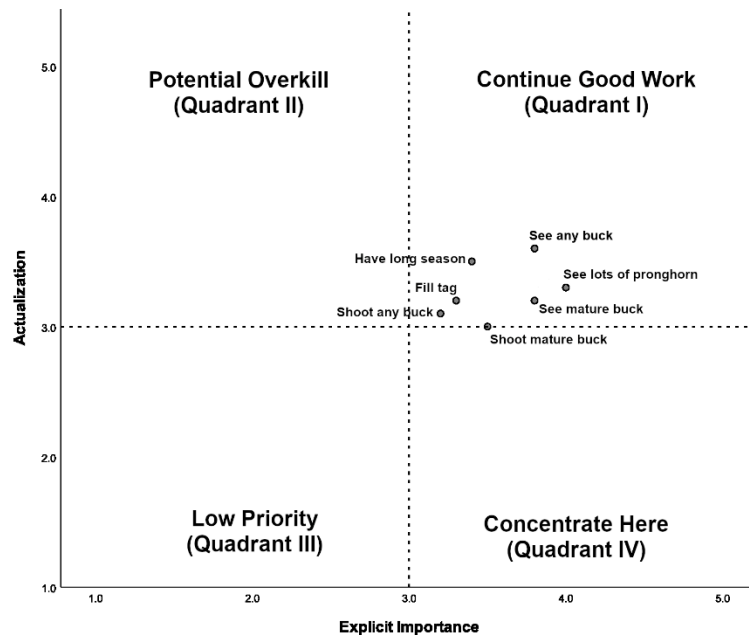
How important are the following experiences to your Idaho pronghorn hunting satisfaction?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	Seeing any bucks	5120	3.8	.9	2	4	24	50	20
	Seeing mature bucks	5101	3.8	.9	2	6	27	43	22
	Shooting at any bucks	5096	3.2	1.1	9	14	36	30	11
	Shooting at mature bucks	5079	3.5	1.1	5	12	33	33	17
	Filling my tag	5090	3.3	1.1	7	15	35	26	17
	Seeing lots of pronghorn	5088	4.0	.8	0	3	22	49	25
	Having a long season	5087	3.4	1.0	4	11	37	32	16

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

### Comments and Interpretation:

- Statewide, among an aggregate of all participants, all measured hunt attributes are located with Quadrant 1 of the explicit importance-performance analysis. Participants express their actualization of these hunt attributes aligns with the importance they place on these attributes for their pronghorn hunting experience. In other words, what participants say is important to them for a satisfactory pronghorn hunt also happens when they hunt pronghorn.



**Q26\_MatureBuck**

What do you consider a mature pronghorn buck?

		n	%
Statewide	Any adult male	291	6
	Horn length greater than 10-inches	627	12
	Horn length greater than 12-inches	1923	38
	Horn length greater than 14-inches	1932	38
	Horn length greater than 16-inches	247	5
	Other	83	2

**Comments and Interpretation:**

- The majority of participants indicate that a mature buck is considered by them a buck with a horn length of at least 12-inches but that length does not need to exceed 16-inches to be considered a mature buck.

**Q27\_1\_Motv\_Family TO Q27\_7\_Motv\_DemoSkills**

How well do each of the following statements describe why you hunt pronghorn in Idaho?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Statewide	To enjoy time spent with friends/family	5082	3.9	1.1	5	7	19	35	34
	To enjoy nature and the outdoors	5086	4.3	.7	—	1	11	41	47
	Excitement of pronghorn hunting	5077	4.0	.9	1	3	19	45	32
	To bring meat home for food	5086	3.7	1.1	5	10	27	31	27
	Challenge of hunting pronghorn	5077	3.8	.9	3	5	27	41	25
	To get a mature buck	5071	3.2	1.1	8	15	38	27	12
	To demonstrate my hunting skills	5069	2.8	1.3	22	14	33	20	11

Note. Scale: not at all (1), a little bit (2), somewhat (3), mostly (4), completely (5)

**Comments and Interpretation:**

- 88% of participants indicated that “to enjoy nature and the outdoors” mostly or completely described why they hunt pronghorn.
- 77% indicated that the “excitement of pronghorn hunting” mostly or completely described why they hunt pronghorn.
- Based on these results, pronghorn hunters tend to be appreciative-oriented and seek a sense of peace, belonging, familiarity, or excitement from the activity.
  - Affiliative motivations—to accompany another person and to enjoy their company or to strengthen and reaffirm a personal relationship—are also important.
- Achievement-oriented and harvest-related experiences—wherein a specific hunt goal like meat or trophy is the objective—seem to be less of a motivation.



**Q28A\_1\_OpportValue**

Which pronghorn hunting opportunity do you value the most (harvest)?

		n	%
Statewide	Harvest any pronghorn in a given year	2359	47
	Harvest a mature buck in a given year	2715	54

**Q28A\_2\_OpportValue**

Which pronghorn hunting opportunity do you value the most (hunt)?

		n	%
Statewide	Hunt pronghorn with less competition from other hunters	2314	46
	Hunt pronghorn every year	2766	54

**Q28A\_3\_OpportValue**

Which pronghorn hunting opportunity do you value the most (forced choice)?

		n	%
Statewide	Harvest-focused selection	1929	38
	Hunt-focused selection	3109	62

**Comments and Interpretation:**

- Given a forced-choice between hunt-focused attributes or outcomes and harvest-focused, 62% of participants responded in favor of harvested-focused attributes or outcomes, i.e., the opportunity to hunt pronghorn with less competition from other hunters or to hunt pronghorn every year is preferred to harvest.
  - While the opportunity to hunt is preferred to the opportunity to harvest this result may be a product of time order issue, i.e., the hunt comes before the harvest, but further inquiry is required to understand this potentiality more thoroughly.

## Weapon preference

Analysis includes respondents who hunted from 2015-21 (Q8) and selected bow or rifle as weapon preference (Q12); excludes hunters prior to 2015 (Q8)

### Q1A\_Years\_Applied

How many years have you applied to hunt pronghorn in Idaho?

		n	%
Bow	1-4 years	881	37
	5-9 years	598	25
	10-14 years	343	14
	15-19 years	196	8
	20+ years	398	17
Rifle	1-4 years	799	37
	5-9 years	490	23
	10-14 years	275	13
	15-19 years	151	7
	20+ years	433	20

### Q2A\_Seasons\_Hunted

How many seasons have you hunted pronghorn in Idaho?

		n	%
Bow	1-4 years	1525	63
	5-9 years	494	20
	10-14 years	191	8
	15-19 years	80	3
	20+ years	128	5
Rifle	1-4 years	1836	85
	5-9 years	206	10
	10-14 years	56	3
	15-19 years	22	1
	20+ years	29	1

### Comments and Interpretation:

- I could use some help with interpretation because I'm not sure if this is just what pronghorn hunters look like in Idaho or if it is a product of season structure changes over the past several years.

**Q2A\_Weapon\_Preference**

Since you started hunting pronghorn in Idaho, which weapon have you used most often?

		n	%
Bow	Bow	2240	93
	Rifle	131	5
	Muzzleloader	26	1
	Other	20	1
Rifle	Bow	129	6
	Rifle	1985	92
	Muzzleloader	24	1
	Other	11	1

**Q2A\_Weapon\_Exclusive**

Do you only hunt pronghorn with preferred weapon?

		n	%
Bow	No, I will hunt with any weapon allowed by tag	1767	73
	Yes, I will only hunt with my preferred weapon	645	27
Rifle	No, I will hunt with any weapon allowed by tag	762	36
	Yes, I will only hunt with my preferred weapon	1382	65

**Comments and Interpretation:**

- Participants who used archery during their most recent pronghorn hunt tend to use a bow more exclusively; this may be indicative of archery hunters being a more specialized or serious user group.

**Q3\_ATV**

How often do you bring an ATV/UTV to hunt pronghorn?

		n	%
Bow	Never	962	40
	Rarely	442	18
	Sometimes	431	18
	Often	269	11
	Always	313	13
Rifle	Never	930	43
	Rarely	314	15
	Sometimes	416	19
	Often	236	11
	Always	250	12

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q4\_Satf\_1 TO Q4\_Satf\_5**

Since you started hunting pronghorn in Idaho, how satisfied are you with the following:

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	Overall pronghorn hunting experience	2410	3.4	1.0	4	15	22	50	9
	Pronghorn tag draw odds	2407	2.6	1.2	24	27	19	24	5
	Pronghorn harvest success	2409	3.2	1.0	8	17	32	37	6
	Number of pronghorn	2409	3.4	1.0	5	19	21	47	8
	Amount of pronghorn habitat	2406	3.7	.9	2	8	19	57	13
Rifle	Overall pronghorn hunting experience	2140	3.8	.9	2	9	13	56	19
	Pronghorn tag draw odds	2132	2.6	1.1	18	34	24	22	2
	Pronghorn harvest success	2142	3.8	1.0	3	8	14	54	21
	Number of pronghorn	2136	3.5	1.0	3	17	19	50	11
	Amount of pronghorn habitat	2139	3.8	.9	2	8	16	60	15

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

**Comments and Interpretation:**

- Rifle hunters are slightly more satisfied with their overall pronghorn hunting experience, which may be correlated with their satisfaction with harvest success and rifle harvest success being generally higher than archery.

**Q5\_Numbers\_Change**

Since you started hunting pronghorn in Idaho, how has the number of pronghorn changed in your preferred hunting area?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	Hunter numbers change	2408	2.6	.8	11	32	48	8	1
Rifle	Hunter numbers change	2140	2.7	.8	8	27	53	10	2

Note. Scale: greatly decreased (1), decreased (2), no change (3), increased (4), greatly increased (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q6A\_Numbers\_Decrease**

In your opinion, what one issue has most caused the number of pronghorn populations to decrease in your preferred hunting area?

		n	%
Bow	Severe winters	216	21
	Over-harvest	143	14
	Competition with grazing	102	10
	Habitat loss	99	10
	Presence of ATVs/UTVs	99	10
	Water availability	97	9
	Predators	97	9
	Water hole locations	59	6
	High road densities	54	5
	Connectivity	36	4
	Fencing	25	2
Rifle	Severe winters	122	17
	Habitat loss	106	15
	Competition with grazing	94	13
	Predators	93	13
	Presence of ATVs/UTVs	91	12
	Over-harvest	78	11
	Water availability	52	7
	Water hole locations	29	4
	High road densities	26	4
	Connectivity	20	3
	Fencing	20	3

Note. Participant answered only if Q5 = greatly decreased (1), decreased (2)

**Q6B\_Numbers\_Increase**

In your opinion, what one issue has most caused the number of pronghorn populations to increase in your preferred hunting area?

		n	%
Bow	Harvest limits	69	32
	Mild winters	58	27
	Lack of competition	21	10
	Water availability	20	9
	Low road densities	11	5
	Water hole abundance	10	5
	Reduced predation	9	4
	Habitat improvements	8	4
	Lack of ATVs/UTVs	7	3
	Connectivity improvement	3	1
Rifle	Harvest limits	87	33
	Mild winters	73	28
	Lack of competition	26	10
	Habitat improvements	16	6
	Water availability	16	6
	Reduced predation	15	6

Lack of ATVs/UTVs	8	3
Low road densities	8	3
Water hole abundance	8	3
Connectivity improvement	5	2

Note. Participant answered only if Q5 = increased (4), greatly increased (5)

#### Comments and Interpretation:

- Similar interpretation of the statewide results.

#### Q7\_Harvest\_Success

Since you started hunting pronghorn in Idaho, how has your harvest success changed?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	Harvest success change	2414	2.8	.6	5	20	70	5	1
Rifle	Harvest success change	2140	2.9	.5	2	13	78	6	1

Note. Scale: much worse (1), worse (2), no change (3), better (4), much better (5)

#### Comments and Interpretation:

- Similar interpretation of the statewide results.

#### Q8\_Year\_Recent

When was the last (most recent) year you hunted pronghorn in Idaho?

		n	%
Bow	2015	78	3
	2016	96	4
	2017	134	6
	2018	240	10
	2019	465	19
	2020	1406	58
Rifle	2015	171	8
	2016	219	10
	2017	266	12
	2018	364	17
	2019	518	24
	2020	612	29

#### Comments and Interpretation:

- Bow hunters seem to account for much of the recency within the overall pronghorn hunter population, particularly in the past 2-years.
  - Unsure if this is a good or accurate interpretation based on the question asked.

# ARCHERY

Q9_1_Unit		
Unit preference (1st)		
	n	%
41	240	9.6
40	238	9.6
46	213	8.6
50	134	5.4
36	121	4.9
63	117	4.7
45	113	4.5
42	109	4.4
51	107	4.3
37	105	4.2
68	104	4.2
58	83	3.3
52A	72	2.9
30	56	2.2
36A	51	2.0
44	49	2.0
37A	48	1.9
30A	47	1.9
49	47	1.9
29	45	1.8
59A	44	1.8
54	41	1.6
52	39	1.6
59	39	1.6
21A	36	1.4
61	31	1.2
47	28	1.1
53	26	1.0
60A	24	1.0
60	18	.7
36B	17	.7
39	13	.5
48	12	.5
55	6	.2
28	5	.2
57	4	.2
56	3	.1
38	2	.1
32	1	.0
32A	1	.0
76	1	.0

Q9_1_Unit		
Unit preference (2nd)		
	n	%
41	153	9.3
40	130	7.9
42	94	5.7
50	79	4.8
37A	73	4.5
46	71	4.3
51	71	4.3
47	67	4.1
45	59	3.6
37	58	3.5
36A	56	3.4
58	54	3.3
59	51	3.1
63	51	3.1
68	50	3.0
52A	44	2.7
59A	43	2.6
29	41	2.5
44	39	2.4
30A	38	2.3
30	37	2.3
49	32	2.0
36	28	1.7
52	28	1.7
60A	26	1.6
53	25	1.5
36B	21	1.3
21A	20	1.2
61	20	1.2
60	17	1.0
48	16	1.0
54	16	1.0
39	11	.7
55	6	.4
28	3	.2
32	3	.2
57	3	.2
32A	2	.1
38	2	.1
76	2	.1
—	—	—

Q9_1_Unit		
Unit preference (3rd)		
	n	%
42	96	7.9
40	86	7.1
41	76	6.3
50	61	5.0
45	58	4.8
51	55	4.5
63	50	4.1
37	48	4.0
58	48	4.0
46	45	3.7
29	44	3.6
68	43	3.5
49	36	3.0
59	35	2.9
59A	35	2.9
36	34	2.8
36A	32	2.6
52A	32	2.6
44	26	2.1
52	25	2.1
21A	21	1.7
30	20	1.6
30A	20	1.6
37A	20	1.6
39	20	1.6
60A	19	1.6
61	19	1.6
36B	16	1.3
60	16	1.3
47	15	1.2
48	15	1.2
53	15	1.2
54	9	.7
28	8	.7
56	5	.4
38	3	.2
55	3	.2
32	2	.2
57	1	.1
76	1	.1
—	—	—

# CENTER-FIRE RIFLE

## Q9\_1\_Unit Unit preference (1st)

	n	%
44	210	9.1
41	208	9.0
45	202	8.8
40	177	7.7
50	152	6.6
51	111	4.8
46	102	4.4
63	97	4.2
54	92	4.0
52	88	3.8
42	83	3.6
52A	83	3.6
58	76	3.3
37	74	3.2
68	70	3.0
39	65	2.8
29	60	2.6
49	46	2.0
30	42	1.8
59A	42	1.8
59	36	1.6
60A	31	1.3
37A	22	1.0
36B	15	.7
38	15	.7
48	13	.6
30A	11	.5
36A	10	.4
55	9	.4
76	9	.4
21A	8	.3
60	8	.3
28	7	.3
61	6	.3
32	5	.2
36	5	.2
53	4	.2
47	3	.1
56	3	.1
57	3	.1
—	—	—

## Q9\_1\_Unit Unit preference (2nd)

	n	%
44	117	9.2
41	114	9.0
45	108	8.5
40	82	6.5
52	81	6.4
42	75	5.9
51	60	4.7
59	51	4.0
46	46	3.6
50	46	3.6
58	37	2.9
39	34	2.7
37A	33	2.6
63	33	2.6
52A	32	2.5
68	31	2.4
49	28	2.2
37	25	2.0
59A	25	2.0
29	23	1.8
54	23	1.8
48	19	1.5
30	17	1.3
53	16	1.3
60	14	1.1
60A	12	.9
47	11	.9
28	9	.7
30A	8	.6
55	8	.6
61	8	.6
36A	7	.6
36B	7	.6
38	7	.6
57	6	.5
21A	4	.3
56	4	.3
32A	3	.2
36	2	.2
76	2	.2
32	1	.1

## Q9\_1\_Unit Unit preference (3rd)

	n	%
40	71	8.3
41	57	6.6
45	57	6.6
44	56	6.5
52	50	5.8
42	45	5.2
46	44	5.1
51	37	4.3
63	36	4.2
58	34	4.0
50	31	3.6
39	28	3.3
29	25	2.9
49	24	2.8
52A	24	2.8
54	24	2.8
68	23	2.7
59A	22	2.6
37	19	2.2
59	13	1.5
61	13	1.5
36A	11	1.3
30	10	1.2
30A	10	1.2
60A	10	1.2
36	9	1.0
53	9	1.0
28	8	.9
37A	8	.9
48	8	.9
47	7	.8
36B	6	.7
21A	5	.6
32	5	.6
38	4	.5
55	4	.5
56	4	.5
57	3	.3
60	3	.3
32A	1	.1
76	1	.1



### Q9\_Unit

Among the units you could hunt during the most recent season you hunted, which three units did you hunt pronghorn the most? Please list up to three units in order from the most to least about amount of time spent hunting pronghorn.

#### Comments and Interpretation:

- Similar interpretation as the statewide results but with unit 44 more prominent among rifle hunters.
  - With the caveat that I do not know the controlled hunt regulations so unit 44 may be a center-fire hunt unit.
  - Someone may want to run through these and color-code or otherwise note if a unit is archery or rifle only.
- Similar to statewide results, additional analysis could control for participants zip code proportional (weighted) preference rather than raw rankings or could correlate preferences with herd metrics.

### Q10\_Land\_Type

Which land type did you hunt on most often for pronghorn?

		n	%
Bow	Public	2049	85
	Private	72	3
	A mix of public and private land	297	12
Rifle	Public	1587	74
	Private	174	8
	A mix of public and private land	385	18

#### Comments and Interpretation:

- Bow hunters tend to rely on public land more than rifle hunters, and rifle hunters use slightly more private and mixed land.

### Q11\_Land\_Type

When you hunted pronghorn on both private and public land, what percentage of your time did you hunt on each?

		M	SD
Bow	Public	55.8	23.0
	Private	44.2	23.0
Rifle	Public	54.0	22.8
	Private	46.0	22.8

Note. Participants answered only if Q10 = "A mix of public and private land" ( $n_{\text{rifle}} = 385$ ;  $n_{\text{bow}} = 297$ ).

### Q13\_Harvest

Did you harvest a pronghorn (during the most recent season you hunted)?

		n	%
Bow	No	1910	79
	Yes	498	21
Rifle	No	573	27

Yes

1552

73

**Comments and Interpretation:**

- Harvest success of both hunter groups aligns with MHR data:
  - 2016-20 archery harvest success average: 17-27%
  - 2016-20 center-fire harvest success average: 66-74%

**Q14\_Crowd**

Which rating — from "not crowded" to "extremely crowded" — best describes the level of crowding you experienced (during the most recent season you hunted)?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
Bow	2397	4.6	2.7	20	11	9	7	12	12	12	6	11
Rifle	2101	3.3	2.3	33	15	13	9	12	7	7	2	3

Note. Scale: 1-2 (not at all), 3-4 (slightly), 5-7 (moderately), 8-9 (extremely)

**Q15\_Crowd\_Numbers**

Which rating — from "fewer hunters" to "more hunters" — best describes how you feel the number of other pronghorn hunters have changed since 2015?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
Bow	2367	6.5	2.3	4	4	5	6	16	11	15	9	31
Rifle	2050	5.5	2.3	6	5	9	9	25	10	12	5	17

Note. Scale: 1 (fewer hunters) – 9 (more hunters)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q16\_Crowd\_Reason**

What contributes most to the crowding you experience hunting pronghorn in your preferred units?

		n	%
Bow	Other people	1348	57
	Access to land	487	20
	Crowding is not an issue	549	23
Rifle	Other people	715	34
	Access to land	617	30
	Crowding is not an issue	762	36

**Q16A\_People** (Q16 = Other people)

In terms of other people, who contributes most to the crowding issues you experience?

		n	%
Bow	Other pronghorn hunters	937	70
	Non-resident pronghorn hunters	241	18
	Non-hunters that use the same areas	140	11
	Sage-grouse hunters	21	2
Rifle	Other pronghorn hunters	414	59
	Non-resident pronghorn hunters	153	22
	Non-hunters that use the same areas	122	17
	Sage-grouse hunters	16	2

**Q16B\_Access** (Q16 = Access to land)

In terms of land access, what contributes the most to access issues you experience?

		n	%
Bow	Limited access to private property	210	44
	Competition for specific hunting locations	201	42
	Limited road or trail access	38	8
	Waterholes are too close to roads	24	5
	Personal issues	10	2
Rifle	Limited access to private property	395	65
	Competition for specific hunting locations	89	15
	Limited road or trail access	85	14
	Waterholes are too close to roads	17	3
	Personal issues	20	3

**Comments and Interpretation:**

- Rifle hunters tend to view crowding as less of an issue than bow hunters and are somewhat evenly split between other hunter, access, and crowding not being an issue.
  - This may mean there are more various issues that influence perceptions of crowding among rifle hunters but recall that crowding perception is not high.
  - Limited access to private property is the main issue in terms of access.
- Bow hunters view other people as the primary crowding issue and other hunters are the main reason for 88% of participants.
  - Crowding was not an issue for nearly one-quarter of participants and recall that crowding perception is not high.

**Q17\_Difficult**

How difficult or easy was it for you to hunt pronghorn in your preferred units?

	Descriptive			Frequency (%)			
	n	M	SD	1	2	3	4
Bow	2367	2.4	.8	11	46	37	7
Rifle	2074	2.7	.7	4	32	54	10

Note. Scale: very difficult (1), difficult (2), easy (3), very easy (4)

**Q18\_Encounter**

How often did you encounter other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Bow	2368	3.5	1.1	4	14	29	33	19
Rifle	2082	3.0	1.0	8	23	39	23	7

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q19\_Displacement**

How often did you move to another location because of other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Bow	2371	2.7	1.2	23	16	31	26	5
Rifle	2081	2.3	1.1	34	21	30	13	2

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q20\_Encounter\_SageGrouse**

How often did you encounter sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Bow	2362	1.6	.9	62	23	11	3	1
Rifle	2062	1.6	.8	64	22	11	3	1

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q21\_Displacement\_SageGrouse**

How often did you move to another location because of sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
Bow	2364	1.2	.6	85	9	5	1	<1
Rifle	2068	1.2	.6	85	9	5	1	1

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q22\_Fights**

How many verbal or physical altercations did you personally see or experience while on a pronghorn hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
Bow	2361	1.2	.5	81	15	3
Rifle	2065	1.1	.3	92	7	1

Note. Scale: none (1), a few (2), several (3)

**Q23\_Vandalism**

How often did you personally see or experience vandalism or theft while on a hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
Bow	2364	1.2	.5	84	13	3
Rifle	2070	1.1	.3	94	5	1

Note. Scale: never (1), once or twice (2), more than twice (3)

**Comments and Interpretation:**

- Bow hunters tend to experience or see more physical/verbal altercations or vandalism/theft than rifle hunters.
  - These results can be correlated with CO reports and potentially geolocated.

**Q24\_1\_Satf\_SeeBuck TO Q24\_7\_Satf\_LongSeason**

How satisfied were you with the following (during the most recent season you hunted)?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	Seeing any bucks	2337	3.5	1.0	4	14	21	52	9
	Seeing mature bucks	2333	3.1	1.1	9	22	22	40	7
	Shooting at any bucks	2332	2.9	1.0	11	21	41	24	3
	Shooting at mature bucks	2328	2.7	1.0	16	24	39	19	3
	Filling my tag	2327	2.7	1.1	18	24	36	18	5
	Seeing lots of pronghorn	2327	3.1	1.1	9	22	23	37	8
	Having a long season	2329	3.3	1.0	5	13	33	42	7
Rifle	Seeing any bucks	2042	3.6	.9	3	10	19	55	13
	Seeing mature bucks	2032	3.3	1.1	7	18	23	43	9
	Shooting at any bucks	2010	3.4	1.0	5	9	34	42	10
	Shooting at mature bucks	2013	3.2	1.1	8	15	32	36	9
	Filling my tag	2035	3.7	1.1	7	9	15	48	22
	Seeing lots of pronghorn	2031	3.4	1.1	6	16	20	45	13
	Having a long season	2027	3.6	.9	3	7	30	48	12

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

**Q25\_1\_Import\_SeeBuck TO Q25\_7\_Import\_LongSeason**

How important are the following experiences to your Idaho pronghorn hunting satisfaction?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	Seeing any bucks	2331	3.8	.8	1	4	25	50	20
	Seeing mature bucks	2324	3.7	.9	1	6	30	42	20
	Shooting at any bucks	2323	3.2	1.0	7	16	39	29	10
	Shooting at mature bucks	2320	3.3	1.1	5	15	37	29	14
	Filling my tag	2320	3.1	1.1	9	19	37	22	14
	Seeing lots of pronghorn	2321	4.0	.8	—	4	21	48	27
	Having a long season	2317	3.4	1.0	3	12	38	31	16
Rifle	Seeing any bucks	2036	3.8	.9	3	5	22	49	22
	Seeing mature bucks	2029	3.8	1.0	3	6	23	43	25
	Shooting at any bucks	2024	3.2	1.1	10	12	34	31	13
	Shooting at mature bucks	2021	3.6	1.1	6	8	28	36	21
	Filling my tag	2023	3.6	1.1	4	11	31	31	23
	Seeing lots of pronghorn	2023	4.0	.8	—	3	22	50	25

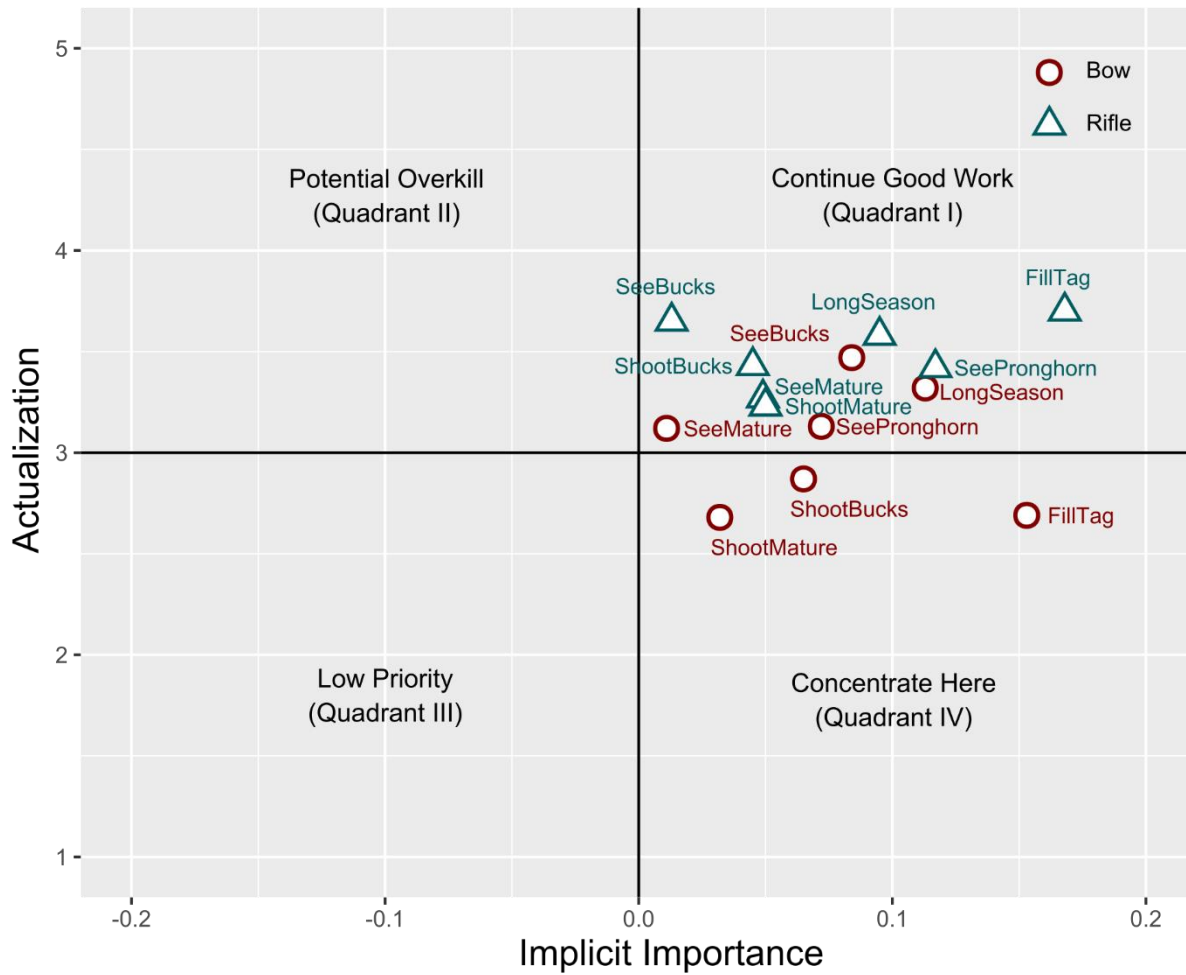
Having a long season

2024 3.5 1.0 4 9 37 33 16

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

#### Comments and Interpretation:

- Similar interpretation of the statewide results except that archery issues within Quadrant 4 are likely a manifestation of archery harvest success being lower than center-fire.



**Q26\_MatureBuck**

What do you consider a mature pronghorn buck?

		n	%
Bow	Any adult male	121	5
	Horn length greater than 10-inches	298	13
	Horn length greater than 12-inches	955	41
	Horn length greater than 14-inches	828	36
	Horn length greater than 16-inches	91	4
	Other	31	1
Rifle	Any adult male	128	6
	Horn length greater than 10-inches	253	13
	Horn length greater than 12-inches	693	34
	Horn length greater than 14-inches	797	39
	Horn length greater than 16-inches	114	6
	Other	42	2

**Comments and Interpretation:**

- Similar interpretation of the statewide results.



**Q27\_1\_Motv\_Family TO Q27\_7\_Motv\_DemoSkills**

How well do each of the following statements describe why you hunt pronghorn in Idaho?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
Bow	To enjoy time spent with friends/family	2321	3.8	1.1	6	8	20	34	32
	To enjoy nature and the outdoors	2321	4.3	.7	—	1	11	41	47
	Excitement of pronghorn hunting	2321	4.1	.8	1	3	18	46	32
	To bring meat home for food	2322	3.6	1.1	4	11	26	33	25
	Challenge of hunting pronghorn	2321	3.9	.9	2	3	25	43	27
	To get a mature buck	2318	3.1	1.0	7	18	42	24	8
	To demonstrate my hunting skills	2320	2.9	1.3	20	14	33	21	12
Rifle	To enjoy time spent with friends/family	2015	4.0	1.0	4	5	17	37	38
	To enjoy nature and the outdoors	2016	4.3	.8	—	1	10	41	47
	Excitement of pronghorn hunting	2012	4.0	.9	1	4	21	43	31
	To bring meat home for food	2015	3.7	1.1	5	8	26	31	31
	Challenge of hunting pronghorn	2010	3.7	1.0	4	6	30	38	22
	To get a mature buck	2006	3.3	1.2	10	12	33	30	15
	To demonstrate my hunting skills	2006	2.7	1.3	24	15	33	17	10

Note. Scale: not at all (1), a little bit (2), somewhat (3), mostly (4), completely (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q28A\_1\_OpportValue**

Which pronghorn hunting opportunity do you value the most (harvest)?

		n	%
Bow	Harvest any pronghorn in a given year	1188	52
	Harvest a mature buck in a given year	1121	48
Rifle	Harvest any pronghorn in a given year	879	44
	Harvest a mature buck in a given year	1137	56

**Q28A\_2\_OpportValue**

Which pronghorn hunting opportunity do you value the most (hunt)?

		n	%
Bow	Hunt pronghorn with less competition from other hunters	875	38
	Hunt pronghorn every year	1443	62
Rifle	Hunt pronghorn with less competition from other hunters	1026	51
	Hunt pronghorn every year	988	49

**Q28A\_3\_OpportValue**

Which pronghorn hunting opportunity do you value the most (forced choice)?

		n	%
Bow	Harvest-focused selection	702	31
	Hunt-focused selection	1598	69
Rifle	Harvest-focused selection	919	46
	Hunt-focused selection	1078	54

**Comments and Interpretation:**

- Similar interpretation of the statewide results for bow hunters but rifle hunters are more evenly split.
  - I interpret this through the lens of harvest success rates given rifle hunting yields a higher average harvest success rate, so center-fire rifle hunters have a higher expectation of harvest (have the benefit of focusing on harvest more), which may translate to a preference for harvest opportunities.

## Recency

Analysis includes respondents who applied to hunt pronghorns in Idaho within the past 1-4 years (Q1) AND have hunted pronghorn for 1-4 season (Q2); excludes hunters prior to 2015 (Q8)

### Q2A\_Weapon\_Preference

Since you started hunting pronghorn in Idaho, which weapon have you used most often?

		n	%
1-4 yrs	Bow	905	49
	Rifle	842	45
	Muzzleloader	97	5
	Other	9	1
5-20+ yrs	Bow	923	68
	Rifle	315	23
	Muzzleloader	100	7
	Other	14	1

### Q2A\_Weapon\_Exclusive

Do you only hunt pronghorn with preferred weapon?

		n	%
1-4 yrs	No, I will hunt with any weapon allowed by tag	971	53
	Yes, I will only hunt with my preferred weapon	876	47
5-20+ yrs	No, I will hunt with any weapon allowed by tag	855	63
	Yes, I will only hunt with my preferred weapon	495	37

### Q3\_ATV

How often do you bring an ATV/UTV to hunt pronghorn?

		n	%
1-4 yrs	Never	924	50
	Rarely	258	14
	Sometimes	290	16
	Often	169	9
	Always	212	11
5-20+ yrs	Never	460	34
	Rarely	262	19
	Sometimes	252	19
	Often	174	13
	Always	205	15

### Comments and Interpretation:

- Age differences.

**Q4\_Satf\_1 TO Q4\_Satf\_5**

Since you started hunting pronghorn in Idaho, how satisfied are you with the following:

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	Overall pronghorn hunting experience	1848	3.7	.9	3	9	17	54	17
	Pronghorn tag draw odds	1847	3.0	1.1	11	24	26	32	7
	Pronghorn harvest success	1849	3.4	1.1	6	14	28	38	14
	Number of pronghorn	1840	3.6	.9	2	14	21	51	12
	Amount of pronghorn habitat	1847	3.8	.9	2	7	19	57	15
5-20+ yrs	Overall pronghorn hunting experience	1346	3.6	1.0	3	13	18	55	11
	Pronghorn tag draw odds	1343	2.6	1.2	21	30	21	24	5
	Pronghorn harvest success	1347	3.5	1.0	4	13	21	51	11
	Number of pronghorn	1349	3.2	1.1	6	24	18	44	7
	Amount of pronghorn habitat	1346	3.7	.9	3	9	18	59	11

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

**Q5\_Numbers\_Change**

Since you started hunting pronghorn in Idaho, how has the number of pronghorn changed in your preferred hunting area?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	Hunter numbers change	1840	2.8	.7	4	20	67	7	1
5-20+ yrs	Hunter numbers change	1348	2.3	.9	18	41	33	7	1

Note. Scale: greatly decreased (1), decreased (2), no change (3), increased (4), greatly increased (5)

**Comments and Interpretation:**

- More recent hunters perceive an increase in the number of other hunters.
  - Result of season structure changes in the past several years?

**Q6A\_Numbers\_Decrease**

In your opinion, what one issue has most caused the number of pronghorn populations to decrease in your preferred hunting area?

		n	%
1-4 yrs	Presence of ATVs/UTVs	62	14
	Severe winters	57	13
	Habitat loss	53	12
	Competition with grazing	51	12
	Over-harvest	49	11
	Predators	48	11
	High road densities	31	7
	Water availability	31	7
	Water hole locations	27	6
	Fencing	21	5
	Connectivity	12	3
5-20+ yrs	Severe winters	177	23
	Over-harvest	115	15
	Competition with grazing	82	11
	Predators	81	10
	Water availability	74	10
	Habitat loss	73	9
	Presence of ATVs/UTVs	71	9
	Water hole locations	37	5
	High road densities	31	4
	Connectivity	25	3
	Fencing	15	2

Note. Participant answered only if Q5 = greatly decreased (1), decreased (2)

### Q6B\_Numbers\_Increase

In your opinion, what one issue has most caused the number of pronghorn populations to increase in your preferred hunting area?

		n	%
1-4 yrs	Harvest limits	48	31
	Mild winters	38	25
	Lack of competition	17	11
	Water availability	11	7
	Low road densities	10	7
	Lack of ATVs/UTVs	8	5
	Water hole abundance	8	5
	Habitat improvements	6	4
	Reduced predation	6	4
	Connectivity improvement	3	2
5-20+ yrs	Mild winters	32	31
	Harvest limits	28	27
	Water availability	11	11
	Lack of competition	9	9
	Habitat improvements	5	5
	Low road densities	5	5
	Water hole abundance	5	5
	Connectivity improvement	4	4
	Lack of ATVs/UTVs	3	3
	Reduced predation	2	2

Note. Participant answered only if Q5 = increased (4), greatly increased (5)

#### Comments and Interpretation:

- Similar interpretation of the statewide results.

### Q7\_Harvest\_Success

Since you started hunting pronghorn in Idaho, how has your harvest success changed?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	Harvest success change	1848	2.9	.5	1	8	85	4	1
5-20+ yrs	Harvest success change	1352	2.7	.7	5	28	58	8	1

Note. Scale: much worse (1), worse (2), no change (3), better (4), much better (5)

#### Comments and Interpretation:

- I interpreted this as the general bias that the longer you have hunted the worse things are, and more recent hunters have yet to experience that phenomena.
  - Or result of season structure changes in the past several years?

**Q8\_Year\_Recent**

When was the last (most recent) year you hunted pronghorn in Idaho?

		n	%
1-4 yrs	2015	62	3
	2016	96	5
	2017	146	8
	2018	241	13
	2019	405	22
	2020	906	49
5-20+ yrs	2015	51	4
	2016	60	4
	2017	81	6
	2018	152	11
	2019	272	20
	2020	737	55

# 1-4 YRS

## Q9\_1\_Unit Unit preference (1st)

	n	%
40	151	8.8
41	149	8.7
45	126	7.3
63	113	6.6
46	94	5.5
50	79	4.6
44	74	4.3
37	65	3.8
42	61	3.6
51	51	3.0
52A	51	3.0
36	49	2.9
39	46	2.7
68	46	2.7
58	45	2.6
52	42	2.4
54	42	2.4
30	41	2.4
49	39	2.3
29	38	2.2
30A	33	1.9
60A	31	1.8
59A	29	1.7
36A	26	1.5
37A	24	1.4
47	21	1.2
60	19	1.1
21A	17	1.0
61	17	1.0
59	16	.9
36B	13	.8
53	12	.7
38	11	.6
48	11	.6
55	10	.6
28	7	.4
76	7	.4
32	4	.2
57	4	.2
56	2	.1
32A	1	.1

## Q9\_1\_Unit Unit preference (2nd)

	n	%
41	85	9.2
40	65	7.0
45	57	6.2
42	49	5.3
44	49	5.3
46	38	4.1
51	37	4.0
63	36	3.9
50	34	3.7
37A	33	3.6
52	33	3.6
52A	30	3.3
36A	26	2.8
47	26	2.8
30	22	2.4
60A	21	2.3
39	20	2.2
59	20	2.2
59A	20	2.2
37	19	2.1
58	18	2.0
30A	17	1.8
68	17	1.8
29	16	1.7
49	15	1.6
60	14	1.5
36	13	1.4
61	13	1.4
36B	11	1.2
21A	10	1.1
48	10	1.1
54	9	1.0
53	8	.9
28	6	.7
57	6	.7
32A	5	.5
55	5	.5
38	4	.4
32	2	.2
56	2	.2
76	2	.2

## Q9\_1\_Unit Unit preference (3rd)

	n	%
40	50	7.8
42	47	7.3
41	42	6.6
45	38	5.9
51	31	4.8
63	28	4.4
52	26	4.1
46	25	3.9
29	24	3.8
50	22	3.4
44	21	3.3
52A	20	3.1
39	19	3.0
49	18	2.8
59A	16	2.5
61	16	2.5
30	14	2.2
68	14	2.2
30A	13	2.0
36	13	2.0
60A	13	2.0
37	12	1.9
58	12	1.9
36A	11	1.7
48	10	1.6
59	10	1.6
36B	9	1.4
47	9	1.4
54	9	1.4
21A	8	1.3
32	7	1.1
53	7	1.1
28	5	.8
60	5	.8
37A	4	.6
55	4	.6
38	3	.5
56	2	.3
57	2	.3
32A	1	.2
—	—	—



## 5-20+ YRS

**Q9\_1\_Unit**  
Unit preference (1st)

	n	%
41	139	10.5
46	95	7.2
40	88	6.6
63	83	6.3
50	74	5.6
51	71	5.3
45	68	5.1
42	63	4.7
36	50	3.8
37	48	3.6
44	47	3.5
58	45	3.4
68	45	3.4
30A	40	3.0
47	37	2.8
52A	31	2.3
49	30	2.3
59	27	2.0
59A	27	2.0
61	27	2.0
52	25	1.9
30	24	1.8
29	23	1.7
36A	22	1.7
37A	21	1.6
54	16	1.2
21A	14	1.1
60A	10	.8
48	8	.6
60	8	.6
53	6	.5
36B	5	.4
39	4	.3
38	3	.2
28	2	.2
55	1	.1
56	1	.1
—	—	—
—	—	—
—	—	—
—	—	—

**Q9\_1\_Unit**  
Unit preference (2nd)

	n	%
41	87	9.4
40	62	6.7
42	50	5.4
50	47	5.1
44	44	4.8
37A	43	4.7
45	40	4.3
51	38	4.1
46	37	4.0
47	37	4.0
58	36	3.9
52	34	3.7
59	32	3.5
63	32	3.5
37	28	3.0
68	23	2.5
36A	22	2.4
59A	22	2.4
30A	21	2.3
29	20	2.2
30	20	2.2
49	20	2.2
52A	17	1.8
53	16	1.7
36B	12	1.3
60A	12	1.3
48	11	1.2
39	10	1.1
54	10	1.1
60	10	1.1
21A	9	1.0
36	9	1.0
61	7	.8
38	2	.2
28	1	.1
32	1	.1
57	1	.1
—	—	—
—	—	—
—	—	—
—	—	—

**Q9\_1\_Unit**  
Unit preference (3rd)

	n	%
40	47	6.5
41	46	6.4
42	46	6.4
45	40	5.6
58	36	5.0
63	35	4.9
50	34	4.7
51	34	4.7
37	30	4.2
44	29	4.0
59	26	3.6
49	25	3.5
46	24	3.3
68	24	3.3
52	22	3.1
29	20	2.8
36A	18	2.5
52A	17	2.4
59A	17	2.4
36	16	2.2
37A	14	1.9
60A	11	1.5
21A	10	1.4
36B	10	1.4
47	10	1.4
53	10	1.4
61	10	1.4
39	9	1.3
60	9	1.3
30	8	1.1
30A	8	1.1
54	8	1.1
28	6	.8
48	5	.7
38	3	.4
56	1	.1
57	1	.1
—	—	—
—	—	—
—	—	—
—	—	—

**Q9\_Unit**

Among the units you could hunt during the most recent season you hunted, which three units did you hunt pronghorn the most? Please list up to three units in order from the most to least about amount of time spent hunting pronghorn.

**Comments and Interpretation:**

- Similar interpretation as statewide results and no initial dissimilarities between recency user segments.

**Q10\_Land\_Type**

Which land type did you hunt on most often for pronghorn?

		n	%
1-4 yrs	Public	1435	81
	Private	98	6
	A mix of public and private land	245	14
5-20+ yrs	Public	1025	77
	Private	71	5
	A mix of public and private land	238	18

**Q11\_Land\_Type**

When you hunted pronghorn on both private and public land, what percentage of your time did you hunt on each?

		M	SD
1-4 yrs	Public	54	24.0
	Private	46	24.0
5-20+ yrs	Public	56	23.0
	Private	44	23.0

Note. Only 865 valid responses received and 4675 missing, so this item is unlikely to be a reliable or valid indicator.

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q12\_Weapon**

Which weapon did you use to hunt pronghorn (during the most recent season you hunted)?

		n	%
1-4 yrs	Bow	865	49
	Rifle	797	45
	Muzzleloader	97	6
	Other	13	1
5-20+ yrs	Bow	877	66
	Rifle	311	23
	Muzzleloader	129	10
	Other	18	1

**Q13\_Harvest**

Did you harvest a pronghorn (during the most recent season you hunted)?

		n	%
1-4 yrs	No	1030	59
	Yes	726	41
5-20+ yrs	No	770	58
	Yes	553	42

**Q14\_Crowd**

Which rating — from "not crowded" to "extremely crowded" — best describes the level of crowding you experienced (during the most recent season you hunted)?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
1-4 yrs	1730	3.6	2.5	30	15	12	8	11	9	8	2	5
5-20+ yrs	1323	4.7	2.7	18	10	11	7	13	12	12	6	10

Note. Scale: 1-2 (not at all), 3-4 (slightly), 5-7 (moderately), 8-9 (extremely)

**Q15\_Crowd\_Numbers**

Which rating — from "fewer hunters" to "more hunters" — best describes how you feel the number of other pronghorn hunters have changed since 2015?

	Descriptive			Frequency (%)								
	n	M	SD	1	2	3	4	5	6	7	8	9
1-4 yrs	1665	5.5	2.4	7	6	9	9	25	10	12	5	17
5-20+ yrs	1322	6.7	2.2	3	2	5	6	14	11	15	10	34

Note. Scale: 1 (fewer hunters) – 9 (more hunters)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q16\_Crowd\_Reason**

What contributes most to the crowding you experience hunting pronghorn in your preferred units?

		n	%
1-4 yrs	Other people	690	40
	Access to land	451	26
	Crowding is not an issue	574	34
5-20+ yrs	Other people	771	58
	Access to land	277	21
	Crowding is not an issue	274	21

**Q16A\_People** (Q16 = Other people)

In terms of other people, who contributes most to the crowding issues you experience?

		n	%
1-4 yrs	Other pronghorn hunters	427	62
	Non-resident pronghorn hunters	137	20
	Non-hunters that use the same areas	114	17
	Sage-grouse hunters	7	1
5-20+ yrs	Other pronghorn hunters	554	73
	Non-resident pronghorn hunters	126	16
	Non-hunters that use the same areas	67	9
	Sage-grouse hunters	17	2

**Q16B\_Access** (Q16 = Access to land)

In terms of land access, what contributes the most to access issues you experience?

		n	%
1-4 yrs	Limited access to private property	244	55
	Competition for specific hunting locations	101	23
	Limited road or trail access	70	16
	Waterholes are too close to roads	17	4
	Personal issues	13	3
5-20+ yrs	Limited access to private property	138	50
	Competition for specific hunting locations	93	34
	Limited road or trail access	22	8
	Waterholes are too close to roads	16	6
	Personal issues	5	2

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q17\_Difficult**

How difficult or easy was it for you to hunt pronghorn in your preferred units?

	Descriptive			Frequency (%)			
	n	M	SD	1	2	3	4
1-4 yrs	1699	2.6	.7	6	37	47	9
5-20+ yrs	1309	2.5	.8	9	43	40	8

Note. Scale: very difficult (1), difficult (2), easy (3), very easy (4)

**Q18\_Encounter**

How often did you encounter other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
1-4 yrs	1706	3.1	1.1	8	22	35	25	10
5-20+ yrs	1312	3.5	1.0	4	13	32	33	17

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q19\_Displacement**

How often did you move to another location because of other pronghorn hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
1-4 yrs	1709	2.4	1.2	32	21	28	17	3
5-20+ yrs	1311	2.7	1.2	23	17	34	22	4

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.

**Q20\_Encounter\_SageGrouse**

How often did you encounter sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
1-4 yrs	1696	1.5	.8	67	20	10	3	1
5-20+ yrs	1304	1.6	.9	60	25	11	3	2

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q21\_Displacement\_SageGrouse**

How often did you move to another location because of sage-grouse hunters?

	Descriptive			Frequency (%)				
	n	M	SD	1	2	3	4	5
1-4 yrs	1698	1.2	.6	85	9	5	1	<1
5-20+ yrs	1307	1.2	.6	86	8	4	1	1

Note. Scale: never (1), rarely (2), sometimes (3), often (4), always (5)

**Q22\_Fights**

How many verbal or physical altercations did you personally see or experience while on a pronghorn hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
1-4 yrs	1699	1.1	.4	90	9	1
5-20+ yrs	1304	1.2	.5	83	15	3

Note. Scale: none (1), a few (2), several (3)

**Q23\_Vandalism**

How often did you personally see or experience vandalism or theft while on a hunting trip?

	Descriptive			Frequency (%)		
	n	M	SD	1	2	3
1-4 yrs	1701	1.1	.3	92	7	1
5-20+ yrs	1307	1.2	.5	83	14	3

Note. Scale: never (1), once or twice (2), more than twice (3)

**Comments and Interpretation:**

- I do not put much stock in these being meaningful or significant results.

**Q24\_1\_Satf\_SeeBuck TO Q24\_7\_Satf\_LongSeason**

How satisfied were you with the following (during the most recent season you hunted)?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	Seeing any bucks	1679	3.6	.9	3	10	19	54	13
	Seeing mature bucks	1672	3.3	1.0	6	16	25	44	9
	Shooting at any bucks	1671	3.2	1.0	8	14	38	33	7
	Shooting at mature bucks	1666	3.0	1.0	10	17	41	26	6
	Filling my tag	1676	3.1	1.2	12	18	26	30	14
	Seeing lots of pronghorn	1672	3.4	1.1	6	16	21	44	14
	Having a long season	1667	3.5	.9	4	11	32	42	11
5-20+ yrs	Seeing any bucks	1297	3.4	1.0	4	16	21	50	8
	Seeing mature bucks	1293	3.0	1.1	12	25	21	37	6
	Shooting at any bucks	1285	3.1	1.0	9	17	38	31	5
	Shooting at mature bucks	1285	2.8	1.1	13	24	34	25	4
	Filling my tag	1292	3.1	1.1	12	17	30	32	9
	Seeing lots of pronghorn	1293	3.0	1.1	11	25	23	35	7
	Having a long season	1290	3.4	1.0	5	10	30	46	8

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

**Q25\_1\_Import\_SeeBuck TO Q25\_7\_Import\_LongSeason**

How important are the following experiences to your Idaho pronghorn hunting satisfaction?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	Seeing any bucks	1672	3.8	.9	2	5	24	49	20
	Seeing mature bucks	1669	3.7	1.0	2	7	31	39	20
	Shooting at any bucks	1667	3.3	1.0	7	12	38	31	13
	Shooting at mature bucks	1661	3.4	1.1	5	13	36	30	16
	Filling my tag	1664	3.4	1.1	5	13	34	28	20
	Seeing lots of pronghorn	1660	4.0	.8	—	3	23	47	27
	Having a long season	1665	3.5	1.0	3	9	37	34	18
5-20+ yrs	Seeing any bucks	1297	3.8	.9	2	4	25	49	19
	Seeing mature bucks	1295	3.8	.9	2	6	26	44	22
	Shooting at any bucks	1292	3.1	1.1	10	16	37	27	9
	Shooting at mature bucks	1290	3.4	1.1	6	12	32	34	15
	Filling my tag	1294	3.1	1.1	10	17	37	22	14
	Seeing lots of pronghorn	1290	4.0	.8	—	3	23	49	25
	Having a long season	1291	3.4	1.0	5	10	38	31	15

Note. Scale: very dissatisfied (1), dissatisfied (2), neither (3), satisfied (4), very satisfied (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide and rifle/bow results.

**Q26\_MatureBuck**

What do you consider a mature pronghorn buck?

		n	%
1-4 yrs	Any adult male	146	9
	Horn length greater than 10-inches	291	18
	Horn length greater than 12-inches	657	40
	Horn length greater than 14-inches	486	29
	Horn length greater than 16-inches	52	3
	Other	32	2
5-20+ yrs	Any adult male	48	4
	Horn length greater than 10-inches	126	10
	Horn length greater than 12-inches	519	40
	Horn length greater than 14-inches	524	41
	Horn length greater than 16-inches	58	5
	Other	20	2

**Comments and Interpretation:**

- More experienced hunters have a stricter or more specific sense of a “mature buck”.

**Q27\_1\_Motv\_Family TO Q27\_7\_Motv\_DemoSkills**

How well do each of the following statements describe why you hunt pronghorn in Idaho?

		Descriptive			Frequency (%)				
		n	M	SD	1	2	3	4	5
1-4 yrs	To enjoy time spent with friends/family	1658	3.9	1.1	4	6	19	36	35
	To enjoy nature and the outdoors	1660	4.4	.7	—	1	9	42	48
	Excitement of pronghorn hunting	1657	3.9	.9	1	4	22	43	29
	To bring meat home for food	1658	3.8	1.1	4	8	24	33	31
	Challenge of hunting pronghorn	1655	3.8	.9	3	4	29	40	24
	To get a mature buck	1655	3.1	1.1	10	16	39	25	10
	To demonstrate my hunting skills	1656	2.9	1.3	20	14	34	21	11
5-20+ yrs	To enjoy time spent with friends/family	1291	3.8	1.2	6	8	20	33	34
	To enjoy nature and the outdoors	1290	4.3	.8	—	1	11	40	47
	Excitement of pronghorn hunting	1288	4.1	.8	1	3	15	46	36
	To bring meat home for food	1293	3.6	1.1	5	12	26	31	26
	Challenge of hunting pronghorn	1292	4.0	.9	2	3	22	43	30
	To get a mature buck	1286	3.1	1.1	8	17	39	25	11
	To demonstrate my hunting skills	1288	2.8	1.3	24	15	31	19	12

Note. Scale: not at all (1), a little bit (2), somewhat (3), mostly (4), completely (5)

**Comments and Interpretation:**

- Similar interpretation of the statewide results.



**Q28A\_1\_OpportValue**

Which pronghorn hunting opportunity do you value the most (harvest)?

		n	%
1-4 yrs	Harvest any pronghorn in a given year	914	55
	Harvest a mature buck in a given year	738	45
5-20+ yrs	Harvest any pronghorn in a given year	596	46
	Harvest a mature buck in a given year	695	54

**Q28A\_2\_OpportValue**

Which pronghorn hunting opportunity do you value the most (hunt)?

		n	%
1-4 yrs	Hunt pronghorn with less competition from other hunters	698	42
	Hunt pronghorn every year	961	58
5-20+ yrs	Hunt pronghorn with less competition from other hunters	483	37
	Hunt pronghorn every year	808	63

**Q28A\_3\_OpportValue**

Which pronghorn hunting opportunity do you value the most (forced choice)?

		n	%
1-4 yrs	Harvest-focused selection	614	37
	Hunt-focused selection	1030	63
5-20+ yrs	Harvest-focused selection	406	32
	Hunt-focused selection	875	68

**Comments and Interpretation:**

- Similar interpretation of the statewide results.