

2022

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Washington  
Department of  
**FISH and  
WILDLIFE**



## DISTRICT 2 HUNTING PROSPECTS

Spokane, Lincoln, and Whitman counties

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## DISTRICT 2 GENERAL OVERVIEW

The Washington Department of Fish and Wildlife (WDFW) District 2 is in eastern Washington, bordering Idaho, and covers Lincoln, Whitman, and Spokane counties. Game management units (GMUs) in District 2 include 124 (Mount Spokane), 127 (Mica Peak), 130 (Cheney), 133 (Roosevelt), 136 (Harrington), 139 (Steptoe), and 142 (Almota) (Figure 1). Most of the district is in private ownership, so hunters are highly encouraged to secure access prior to the hunting season or applying for special permits.

The geography of District 2 includes the edge of the Rocky Mountain Range in the east, the Columbia Basin in the west, and the Channeled Scablands and Palouse in between. This diverse geography supports a wide range of habitats that include mixed coniferous forests dominated by Douglas fir, larch, Ponderosa pine, scattered aspen groves, scabland, sagebrush steppe, grasslands, and extensive agricultural lands. Topography varies from ~500 feet above sea level along the Snake River in the south to the 5883-foot Mount Spokane in the north. Dominant river drainages include the Spokane, Palouse, Columbia, and Snake rivers.

District 2 is best known for its deer hunting opportunities, including white-tailed deer in the Spokane and Palouse agricultural lands and mule deer in the Channeled Scablands and breaks of the Snake River. Quality hunting opportunities also exist for other game species, including pheasant and elk, if hunters have secured access to private lands. Moose and bighorn sheep hunters can enjoy quality hunts if they are selected for special permit hunts and if they have secured private land access prior to applying.

## CHRONIC WASTING DISEASE

Chronic wasting disease (CWD) continues to expand across the country and in 2021 was detected as close to Washington as Riggins, Idaho. WDFW will be conducting active surveillance in 2022 for CWD, focusing on GMUs 101 to 186. If you harvest a deer in any of these units please stop by a hunter check station, contact your local WDFW office, or [request an appointment online](#) to have a sample taken.

Additionally, please be aware that due to the continued spread of CWD, restrictions on the importation of carcasses from out of state harvests have been expanded to all states and provinces regardless of CWD status; for further details see [Washington Administrative Code \(WAC\) 220-413-030](#).



## BE AWARE OF FIRE CONDITIONS

Wherever you choose to hunt, be sure to check on fire conditions, access restrictions, and other emergency rules before you head out. In addition to potential wildfires, the U.S. Forest Service (USFS) and WDFW may be conducting prescribed burns and/or forest-thinning projects in your hunt area. For more information, see:

- Wildfire status updates ([InciWeb – Incident Information System](#))
- [Northwest Interagency Coordination Center](#)
- [WDFW Wildlife Areas](#)
- [WDFW fire restrictions and closures](#)

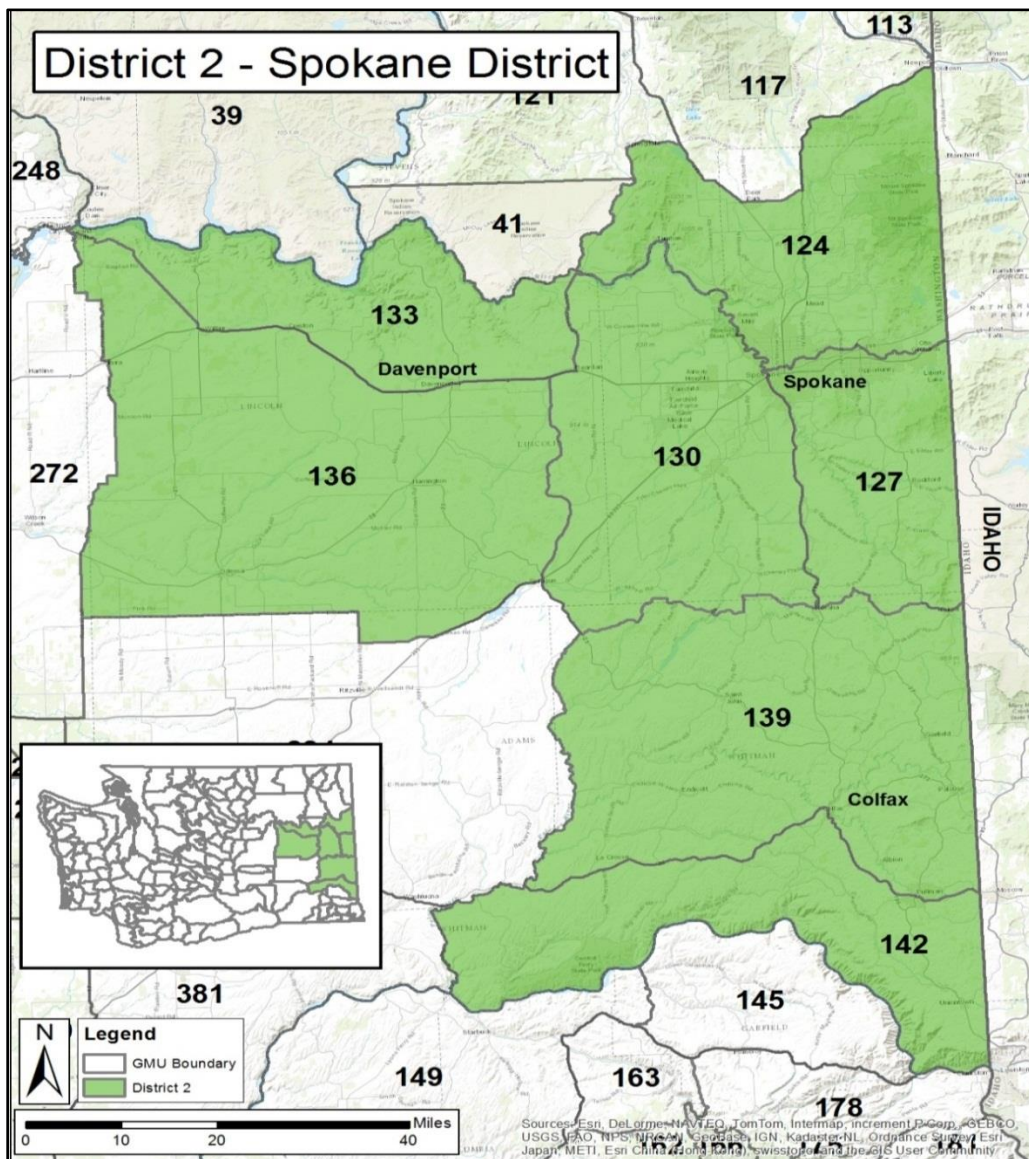


Figure 1. General location and game management units (GMUs) for WDFW District 2.

## ELK

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

All elk that occur in District 2 are Rocky Mountain elk and belong to the Spokane sub-herd of the Selkirk elk herd. The Selkirk herd originated in Pend Oreille County and has expanded its range over the last 40 years to this area. As elk habitat in District 2 continues to be lost to agricultural conversion and urban sprawl, WDFW's goal is to maintain the population at its current level (roughly 1000–1500 elk) while limiting agricultural damage and conflict within exurban areas. Consequently, an “any elk” harvest is offered for the general season in all GMUs in District 2. The majority of the land in the district is in private ownership, so managing this population requires landowner tolerance and cooperation. Elk in this herd can be highly mobile and difficult to locate, so learning their behavior and gaining access to numerous private lands will greatly increase your chance of success.

Currently, WDFW does not conduct formal population surveys to monitor elk populations in most of District 2. Rather, harvest data, opportunistic surveys, sightings, and damage complaints are used to indicate population trends. The exception to this is the Turnbull National Wildlife Refuge located in GMU 130 (Cheney). Aerial surveys have been conducted on and near Turnbull for the last 15 years to obtain herd size and composition data. The survey area only covers a small portion of the Spokane sub-herd range; it is designed to inform management decisions for the Refuge and is not likely representative of the entire area. WDFW's herd composition objective is to maintain a ratio of 15 to 35 bulls per 100 cows pre-hunt and/or 12 to 20 bulls per 100 cows post-hunt. An aerial survey was not conducted in 2021; however, the 2020 pre-hunt aerial survey of Turnbull and the surrounding area within GMU 130 found the bull to cow ratio to be well above this management objective. Also based on the survey, 2020 calf production was above average, with a calf to cow ratio of 60 calves per 100 cows. Combined data sources for the entirety of District 2 over the last ten years indicate an overall stable population with some local populations declining and others increasing. For more detail on the status of elk in Washington, see WDFW's most recent [Game Status and Trend Report](#). Also available is a general how-to guide for elk hunting entitled “[The Basics of Elk Hunting in Washington](#).”

### WHICH GMU SHOULD ELK HUNTERS HUNT?

This question does not have an easy answer, because it depends on access to private land, hunting method, and the type of hunting experience desired. For archery hunters, GMUs 124 and 127 provide the best terrain and generally more forested land, irrigated agriculture, small developed lakes, and riparian areas. The terrain in GMUs 136–142 is better suited for muzzleloader and modern firearm, with open landscapes predominated by shrubsteppe, scablands, and dryland farming

The majority of the district's elk harvest (25 to 50%) is usually in GMU 130, though a high proportion consistently occurs in GMUs 124 and 127 as well. Hunters who gain access to private lands in GMUs 127 and 130 have often had the highest success, though success in GMUs 139 and 142 has been increasing the past couple of years. In GMU 130, hunters likely benefit from animals moving on and off Turnbull National Wildlife Refuge during the season. Elk are often targeted by nearby landowners due to seasonal crop, fence, and haystack damage. With one-third of the elk hunters in District 2, GMU 124 (Mt. Spokane) sustains the greatest hunting pressure. As a result, overall hunter success is lower there, although the unit periodically produces one of the higher harvests of mature 6-point bulls. Private timber companies, especially Inland Empire Paper (IEP), offer public access in this unit with a paid permit. See IEP - [Recreational Use](#) for their rules and regulations. Hunters should be aware that motorized access may be limited or closed completely on IEP and other timber company lands due to road conditions, logging operations, or fire danger. Hunters are advised to check closures and restrictions before setting out. Axxess Recreation Management, the property access manager for IEP, provides access updates online. Also be aware that GMU 124 contains several County Parks, Conservation Areas, and State Parks, and they do not allow hunting. In addition, Turnbull National Wildlife Refuge in GMU 130 is NOT open for hunting except for Turnbull special permit holders.

The information provided in Table 1 provides a quick and general assessment of how GMUs compare regarding harvest, hunter numbers, and hunter success during general modern firearm, archery, and muzzleloader elk seasons. The values presented are the five-year averages for each statistic. The table also summarizes the number of elk harvested per square mile and hunters per square mile to account for the variation in sizes between GMUs.

Each GMU was ranked for elk harvested/mile<sup>2</sup>, hunters/mile<sup>2</sup>, and hunter success rates during the general season. The three ranking values were then summed to produce a final rank sum, the lower the score the better. Comparisons are most straightforward for modern firearm because seasons are the same across all GMUs. However, when choosing which GMU to hunt, differences that should be taken into consideration are:

1. In addition to the early general archery season in all GMUs, there is a late archery season in GMUs 124 & 127.
2. In addition to the early general muzzleloader season in all GMUs, there is a late muzzleloader season in GMUs 130-142.
3. There is a late Antlerless Only Master Hunter season for all weapon types in GMUs 127 and 130.
4. There are considerable differences in the sizes of GMUs, so looking at only total harvest or hunter numbers is not always a fair comparison.

MODERN FIREARM												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest			Hunter Density			Hunter Success		Rank Sum	
			Total	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank		
124	771	4%	52	0.07	2	554	0.72	7	9%	6	15	
127	509	1%	56	0.11	1	311	0.61	6	18%	2	9	
130	940	7%	46	0.05	3	285	0.30	5	16%	3	11	
133	555	6%	11	0.02	4	100	0.18	4	10%	5	13	
136	1586	11%	5	0.00	6	43	0.03	1	11%	4	11	
139	1327	3%	10	0.01	5	97	0.07	2	10%	5	12	
142	771	8%	17	0.02	4	94	0.12	3	19%	1	8	
ARCHERY												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest			Hunter Density			Hunter Success		Rank Sum	
			Total	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank		
124	771	4%	12	0.02	1	229	0.30	6	5%	6	13	
127	509	1%	12	0.02	1	148	0.29	5	8%	5	11	
130	940	7%	9	0.01	2	62	0.07	4	15%	3	9	
133	555	6%	1	0.00	3	11	0.02	2	12%	4	9	
136	1586	11%	0	0.00	3	6	0.00	1	0%	7	11	
139	1327	3%	6	0.00	3	25	0.02	2	29%	1	6	
142	771	8%	4	0.01	2	27	0.04	3	17%	2	7	
MUZZLELOADER												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest			Hunter Density			Hunter Success		Rank Sum	
			Total	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank		
124	771	4%	11	0.01	4	91	0.12	4	11%	6	14	
127	509	1%	13	0.03	2	66	0.13	5	19%	1	8	
130	940	7%	34	0.04	1	251	0.27	7	13%	4	12	
133	555	6%	9	0.02	3	77	0.14	6	12%	5	14	
136	1586	11%	3	0.00	5	15	0.01	1	18%	2	8	
139	1327	3%	19	0.01	4	103	0.08	3	18%	2	9	
142	771	8%	8	0.01	4	55	0.07	2	16%	3	9	

Table 1. Rank sum analysis that provides a quick and general comparison of how harvest, hunter numbers, and hunter success rates compare among GMUs during general modern, archery, and muzzleloader elk seasons. As a generalization, the lower the rank, the better the overall elk hunting opportunity is within a GMU. Data presented are based on a five-year average (2017-2021).

## ELK AREAS

Most of the special permit elk hunts available in District 2 occur in Elk Area 1015, which is located within Turnbull National Wildlife Refuge. Turnbull special permit hunts were created in 2010 to address damage to aspen stands on the refuge and address damage complaints from landowners in the area. These are walk-in only hunts, except for disabled hunt permit holders, and the area open to hunt is limited and determined by refuge staff. In past years, one Any Bull permit (any weapon type) and 62 Antlerless permits were offered. Beginning in 2019, this was changed to 58 and includes 1 Any Bull, 4 Spike-only, and 53 Antlerless permits. Permits include each weapon type as well as hunts for youth, master hunters, and hunters with disabilities.



Several hunters did not hunt their permit or failed to report in 2021; those that did averaged 13% success for antlerless hunts, compared to the previous 5-year average of 17%. The Any Bull permittee reported harvesting a 5-point bull in one day, and one Spike-only hunter was successful. The archery hunt has been particularly challenging with an average success rate of 10%. For more detailed harvest information, view the [District 2 - 2021 Game Harvest Statistics](#). For more information about elk management in the Turnbull National Wildlife Refuge, visit [Turnbull - U.S. Fish and Wildlife Service](#).

To address winter property damage in the area, there are also several late-season raffle permits and one WDFW special permit offered on Columbia Plateau Wildlife Management Association (CPWMA) properties in areas near Turnbull National Wildlife Refuge. See the Private Lands Program section for more information on acreage enrolled and the [CPWMA](#) website for details on their hunt management.

### **WHAT TO EXPECT DURING THE 2022 SEASON**

General season harvest of antlered and antlerless elk in the district has been fairly evenly split, with an average of 195 antlered and 157 antlerless elk harvested per year over the last 5 years. In the 2021 season, 20% of bulls harvested were 6-point or better, and 27% of bulls were 5-point. Across all GMUs, elk hunter success during the general season has averaged 13% over the last 10 years, and hunter effort (days/kill) has averaged 41 days/kill. These numbers vary widely by GMU. A good predictor of future harvest during general seasons is the recent trend in the harvest and catch per unit effort (CPUE) or its inverse, days per kill. Figures 2 and 3 below provide trend data for these statistics by GMU and are intended to provide hunters with the best information possible to make an informed decision on where to hunt. These numbers are highly variable between GMUs, so pay attention to the scale of each chart, as they are not all the same.

Elk in District 2 appear to be expanding into new areas, and harvest in GMUs 139 (Steptoe) and 142 (Almota) has increased over the last few years (Figure 3). Some of these elk likely move back and forth between Idaho and Washington, so timing and access to private lands will be the key to successful elk hunting in these GMUs. Complaints of agricultural damage have risen, especially in areas where crops have been recently converted to legumes. Scattered groups of 20–100 elk have been reported causing damage in areas including Fairfield south to Tekoa in GMU 127, the area from Dusty east to Palouse, south to Uniontown, and along the Snake River breaks in GMUs 139 and 142, and from Tyler near the Lincoln/Spokane County border to Sprague and north to Edwall in GMU 130. There has also been an increase in reported crop damage by 60–80 elk along the river breaks in northern GMU 133 in recent years.



Figure 2. GMUs 124 – 130. **Left column:** Ten-year trends in general season elk harvest by weapon type: modern firearm (blue), archery (green), and muzzleloader (purple). **Right column:** Ten-year trends in general season hunter effort (measured in days per kill) by weapon type: modern firearm (blue), archery (green), and muzzleloader (purple). Note the difference in scales for each GMU.

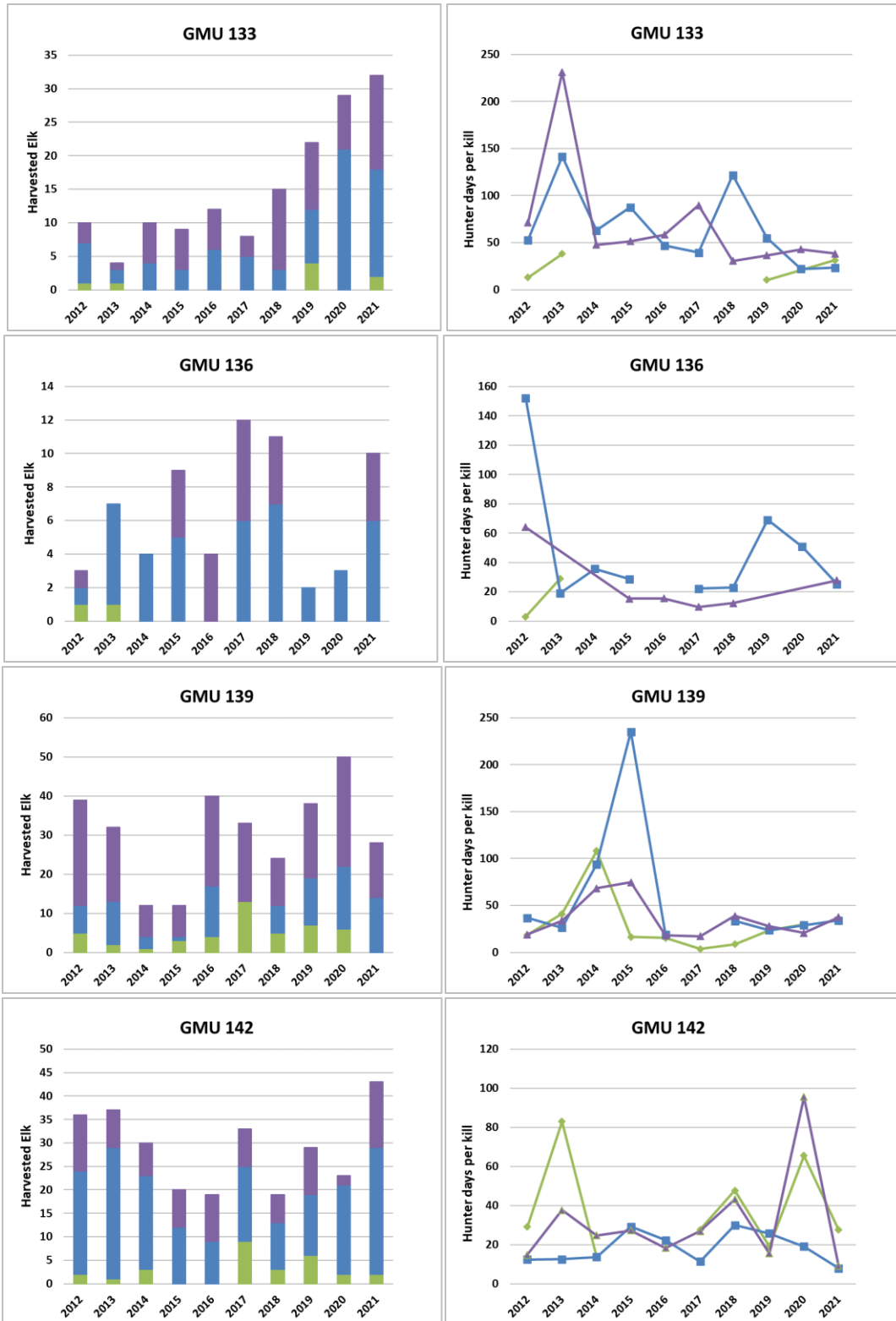


Figure 3. GMUs 133 – 142. **Left column:** Ten-year trends in general season elk harvest by weapon type: modern firearm (blue), archery (green), and muzzleloader (purple). **Right column:** Ten-year trends in general season hunter effort (measured in days per kill) by weapon type: modern firearm (blue), archery (green), and muzzleloader (purple). Note the difference in scales for each GMU.

Success depends heavily on the work the hunter is willing to put in to obtain access to private property. There are over 100 properties enrolled in WDFW's private land hunting access program in District 2. Many of these are built around upland game and deer hunting, however some support elk hunting as well, so opportunities exist for elk hunters who do their research. For locations of these properties, visit our [Hunt Planner Webmap](#). For more detailed harvest information, see [District 2 - 2021 Game Harvest Statistics](#).

## ELK HOOF DISEASE (TREPONEME BACTERIA)

Since 2008, reports of elk with deformed, broken, or missing hooves have increased dramatically in southwest Washington, with sporadic observations in other areas west of the Cascade Range. While elk are susceptible to many conditions which result in limping or hoof deformities, the prevalence and severity of this new affliction suggested something altogether different. WDFW diagnostic research (2009–2014), in conjunction with a panel of scientific advisors, found that these hoof abnormalities were strongly associated with treponeme bacteria, known to cause a hoof disease of cattle, sheep, and goats called digital dermatitis. Although digital dermatitis has affected the livestock industry for decades, Treponeme-Associated Hoof Disease (TAHD) is the first known instance of digital dermatitis in a wild ungulate. The disease is currently concentrated in southwestern Washington where prevalence is highest in Cowlitz, Wahkiakum, and western Lewis County. The disease is also present at lower prevalence in elk herds that are distant and discrete from the core affected area, including three counties east of the Cascades. It has **NOT** been detected in the Selkirk herd to date.

While many questions remain about the disease, several aspects of TAHD in elk are clear:

- **Vulnerability:** The disease appears to be highly infectious among elk, but there is no evidence that it affects humans. TAHD can affect any hoof in any elk, young or old, male or female.
- **Hooves only:** Tests show the disease is limited to animals' hooves and does not affect their meat or organs. If the meat looks normal and if hunters harvest, process and cook it practicing good hygiene, it is believed safe to eat.
- **No treatment:** There is no vaccine to prevent the disease, nor are there any proven options for treating it in the field. Similar diseases in livestock are treated by cleaning and bandaging their hooves and giving them foot baths, but that is not a realistic option for free-ranging elk.

How hunters can help:

- **Hunting in areas where TAHD is uncommon (GMUs in the 100, 200, and 300 series):** If you harvest an elk with abnormal looking hooves (for example, overgrown or broken hoof claws or skin lesions), please keep the hooves and report your observation to your local WDFW regional office. While there are several conditions other than TAHD that may cause hoof deformities, we may want to examine the hooves and/or arrange for diagnostic testing.
- **Hunting in TAHD prevalent areas (GMUs in the 400, 500, and 600 series):**
  - Hunters can help WDFW track TAHD by reporting observations of both affected and unaffected elk on the department's online reporting form (link below).
  - Clean shoes and tires: Anyone who hikes or drives off-road in a known affected area can help minimize the risk of spreading the disease to new areas by removing all mud from their shoes and tires before leaving the area.

WDFW is working with scientists, veterinarians, outdoor organizations, tribal governments, and others to better understand and manage [TAHD](#). Additional information on TAHD and the west-side incentive program to harvest elk with TAHD, can be found on pages 65–66 of the Big Game Hunting Pamphlet.



## DEER

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

District 2 has both white-tailed deer (*Odocoileus virginianus*) and mule deer (*Odocoileus hemionus*). White-tailed deer are found predominantly in the north and east portions of the district, in the forests, irrigated ag fields, and along riparian corridors. Mule deer are predominantly found in the west and south of the district, in the shrub steppe, scablands, and farmlands.

Deer population levels are closely tied to droughts, severe winters, disease, and land-use practices. The primary management objective for white-tailed and mule deer in District 2 is to keep the herds stable to slightly increasing and within landowner tolerance. Given that most of the land in the district is in private ownership, managing this population without landowner cooperation is impossible.

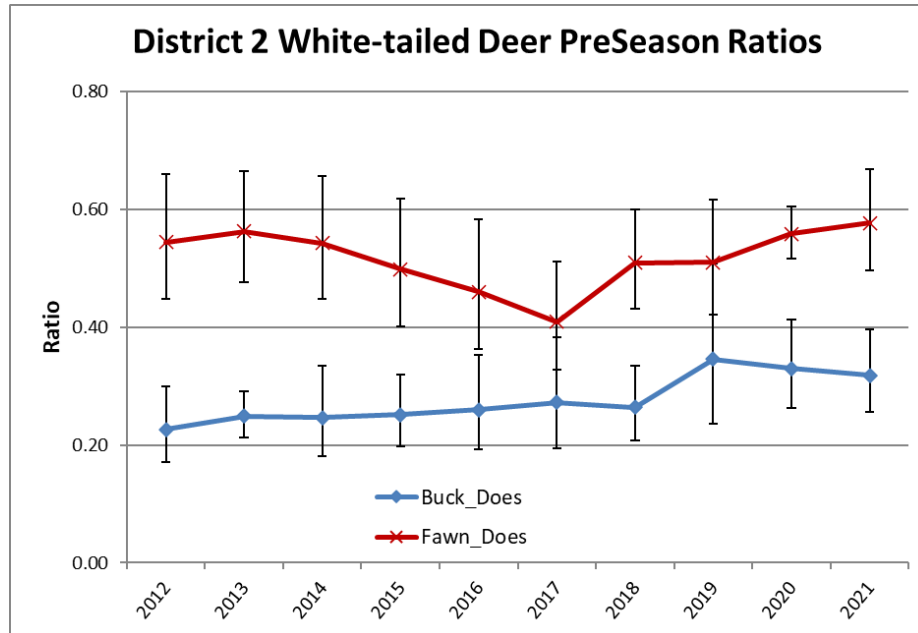


Figure 4. District 2 pre-season buck to doe (August) and fawn to doe (September) ratios (90% Confidence Interval in black) for White-tailed deer.

Currently, WDFW does not use formal estimates or indices of population size to manage white-tailed deer populations in District 2. Instead, trends in harvest, hunter success, days per kill, and pre-hunting season sex and age ratios are used to monitor populations. WDFW recognizes the limitations of using this data to monitor trends in population size and is evaluating new approaches to monitoring white-tailed deer populations. Harvest metrics indicate a significant decline in the white-tailed deer population from the high in 2014. This decline has been predominantly driven by hemorrhagic disease outbreaks. One positive note is that pre-season ground surveys indicate fawn to doe ratios (i.e., recruitment) have rebounded (Figure 4).

The harvest statistics noted above are also used in managing mule deer, but congregations of mule deer on wintering grounds allow for viable postseason aerial surveys to estimate populations. Flights are conducted every three to five years in conjunction with Districts 4 and 5, and ground surveys for ratios are completed every year. The last aerial survey for the Washtucna sub-herd (GMUs 139,142, 284, & 381) was completed in 2021, resulting in an estimate of ~13,000 mule deer, in line with the two previous surveys conducted in 2011 and 2015. The 2021 ground survey estimated ~48 fawns per 100 does, the lowest observed since surveys were initiated in 2009. The Odessa sub-herd (GMUs 133, 136, & 272) was last flown in 2019 resulting in an estimate of ~12,000 mule deer; the 2021 ground survey estimated ~52 fawn per 100 does, the second lowest ever observed. The reduction in fawns is likely tied to the severe heat and drought endured in 2021.

For more details, please see the Columbia Basin Mule Deer Management Zone section and the Palouse White-tailed Deer Management Zone section of the [2021 Game Status and Trend Report](#).

### **WHICH GMU SHOULD DEER HUNTERS HUNT?**

Probably the most frequent question from hunters is “What GMU should I hunt?” This is not always easy to answer because it depends on the hunting method and the type of hunting experience desired. Some hunters are looking for a quality opportunity to harvest a mature buck, while others just want to “fill the freezer,” and still others prefer to hunt an area with few other hunters.

The ideal GMU for most hunters would be entirely or mostly comprised of public land, have high deer densities, low hunter densities, and high hunter success rates. Unfortunately, this scenario does not exist in any GMU that is open during the general modern firearm, archery, or muzzleloader seasons in District 2. Instead, because of general season opportunities, the GMUs with the highest deer densities tend to have the highest hunter densities as well. For many hunters, high hunter densities are not enough to deter them from hunting in a GMU where they see lots of deer. Some hunters prefer to hunt in areas with moderate to low numbers of deer if that means there are also very few hunters, and/or it provides a backcountry experience.

The information provided in Table 2 provides a quick and general assessment of how GMUs compare regarding harvest, hunter numbers, and hunter success during general modern firearm, archery, and muzzleloader deer seasons. The values presented are the five-year averages for each statistic. Furthermore, harvest and hunter numbers were divided by the area of each GMU to account for the variation in sizes between GMUs. Mule deer and white-tailed deer are combined in this table. Because both species can be hunted with the same tag, we cannot separate white-tailed deer hunters from mule deer hunters. However, the percentage of mule deer in the total harvest is given to provide a gauge of how prominent each species is in each GMU.

MODERN FIREARM												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest				Hunters			Hunter Success		Rank Sum
			Total	% Mule Deer	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank	
124	771	4%	1312	1%	1.70	1	4064	5.27	7	32%	1	9
127	509	1%	145	6%	0.28	5	676	1.33	4	21%	6	15
130	940	7%	136	62%	0.14	7	853	0.91	2	16%	7	16
133	555	6%	207	59%	0.37	3	908	1.63	6	23%	5	14
136	1586	11%	285	93%	0.18	6	972	0.61	1	29%	4	11
139	1327	3%	391	46%	0.29	4	1323	1.00	3	30%	3	10
142	771	8%	371	72%	0.48	2	1194	1.55	5	31%	2	9
ARCHERY												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest				Hunters			Hunter Success		Rank Sum
			Total	% Mule Deer	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank	
124	771	4%	363	1%	0.47	1	1108	1.44	7	32%	1	9
127	509	1%	117	3%	0.23	2	403	0.79	6	29%	3	11
130	940	7%	41	69%	0.04	4	167	0.18	4	23%	7	15
133	555	6%	43	79%	0.08	3	146	0.26	5	29%	2	10
136	1586	11%	27	93%	0.02	7	106	0.07	1	25%	6	14
139	1327	3%	24	67%	0.02	6	91	0.07	2	26%	5	13
142	771	8%	15	78%	0.02	5	57	0.07	3	27%	4	12
MUZZLELOADER												
GMU	Size (mi <sup>2</sup> )	% Public Land (Open to Hunting)	Harvest				Hunters			Hunter Success		Rank Sum
			Total	% Mule Deer	Harvest per mi <sup>2</sup>	Rank	Total	Hunters per mi <sup>2</sup>	Rank	Success	Rank	
124	771	4%	49	5%	0.06	3	152	0.20	4	33%	1	8
127	509	1%	7	40%	0.01	7	31	0.06	1	23%	7	15
130	940	7%	111	43%	0.12	2	438	0.47	7	25%	6	15
133	555	6%	75	44%	0.14	1	256	0.46	6	29%	5	12
136	1586	11%	39	87%	0.02	6	128	0.08	2	30%	2	10
139	1327	3%	79	27%	0.06	4	261	0.20	5	30%	4	13
142	771	8%	40	49%	0.05	5	133	0.17	3	30%	3	11

Table 2. Rank sum analysis that provides a quick and general comparison of how harvest, hunter numbers, and hunter success rates compare among GMUs during general modern, archery, and muzzleloader deer seasons. As a generalization, the lower the rank, the better the overall deer hunting opportunity is within a GMU. Data presented are based on a five-year average (2017-2021).

Each GMU was ranked for deer harvested/mile<sup>2</sup>, hunters/mile<sup>2</sup>, and hunter success rates. The three ranking values were then summed to produce a final rank sum, the lower the score the better. Comparisons are relatively straightforward because bag limits and seasons are similar between GMUs. However, when choosing which GMU and/or species to hunt, differences that should be taken into consideration are:

1. There is a 3-point minimum harvest restriction for both species in all GMUs, except for white-tailed deer in GMU 124 where “any buck” is legal.
2. There is a late general modern firearm season for white-tailed deer in GMU 124. Late modern firearm season for white-tailed deer is by permit only for all other GMUs.
3. There is a late general muzzleloader season for white-tailed deer in GMUs 130-142.
4. There is a late general archery season for white-tailed deer in GMUs 124 & 127.

### WHAT TO EXPECT DURING THE 2022 SEASON

Overall, the white-tailed deer population is down significantly in District 2 due primarily to two large hemorrhagic disease outbreaks: Bluetongue (BT) in 2015 and Epizootic Hemorrhagic Disease (EHD) in 2021; you can learn more about these [diseases](#) from our website. Additionally, between these two outbreaks the area experienced a couple of hard winters; the winter of 2016/17 was one the hardest in the past 10 years and decreased overwinter fawn survival, and the winter of 2018/19 was another difficult winter (though not as bad as 2016).

Overall, mule deer herds are near their long-term averages. The mule deer populations suffered losses due to the same series of events noted above, though mule deer do not typically die from BT and EHD, and the snows left the basin a bit sooner than in the northeast. However, the severe drought and heat wave of 2021 did hurt mule deer and especially fawn survival/recruitment. The reduced recruitment will likely not impact this year’s harvest but will be felt in the 2023 season.

In general, the best opportunities to harvest a white-tailed deer in District 2 occur in GMUs 124 and 127. The best opportunities to harvest a mule deer in District 2 occur in GMUs 136, 139, and 142. For archery hunters, GMUs 124 and 127 provide the best terrain, whereas the terrain in GMUs 136–142 is better suited for muzzleloader and modern firearm.

White-tailed and mule deer hunting opportunities in District 2 vary from marginal to excellent, depending on the GMU and if private land access has been secured. A good predictor of future harvest during general seasons is recent trends in the harvest and catch per unit effort (CPUE) or its inverse, days per kill. Figures 5 and 6 provide trend data for each of these statistics by GMU and are intended to provide hunters with the best information possible to make an informed decision on where to hunt.

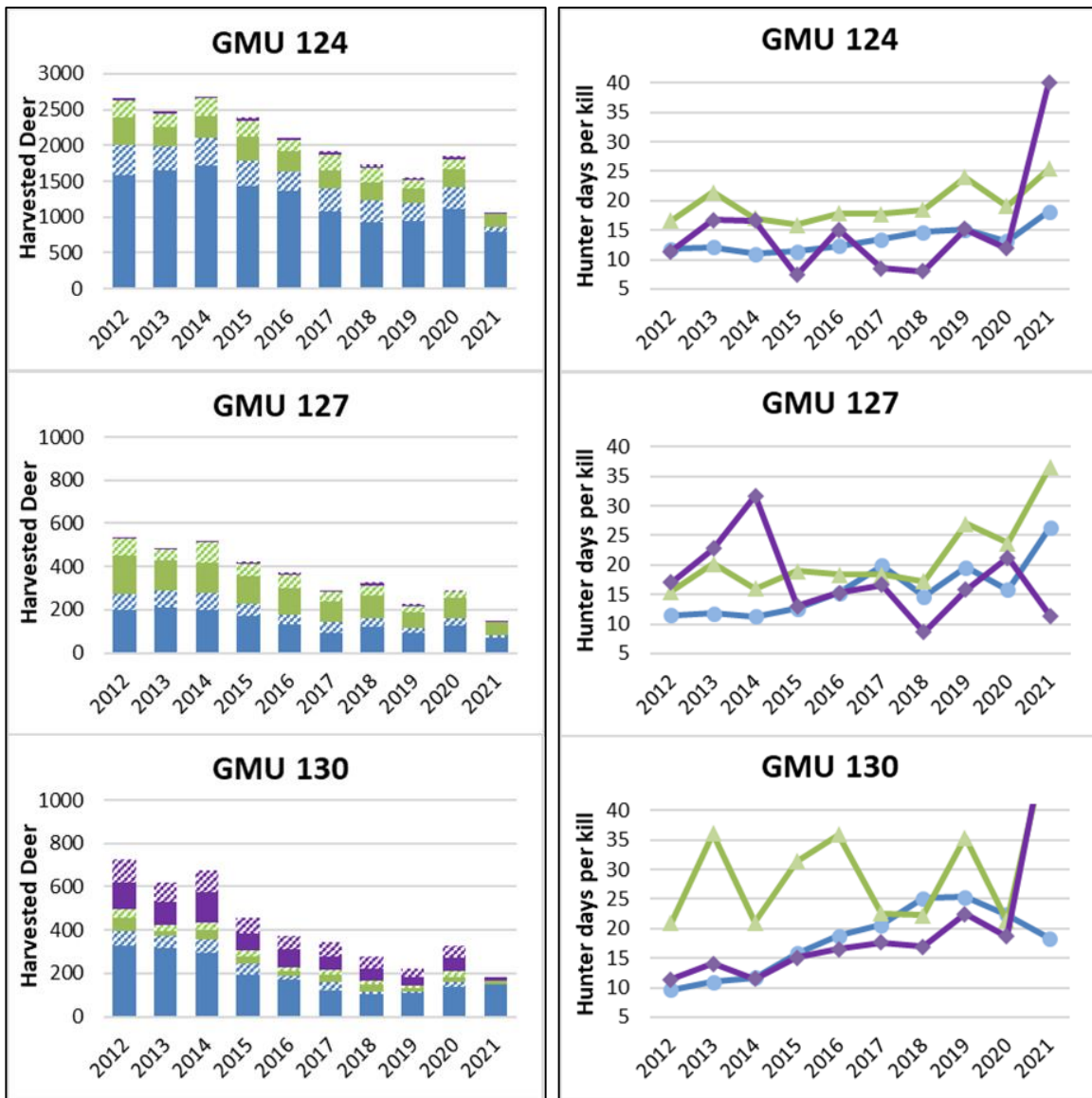


Figure 5. GMUs 124 – 130. **Left column:** Ten-year trends in general season harvest of deer bucks (solid) and antlerless (slash) by weapon type modern firearm (blue), archery (green), and muzzleloader (purple). Note the different scale for GMU 124. **Right column:** Ten-year trends in general season hunter days per kill by weapon type modern firearm (blue), archery (green), and muzzleloader (purple).



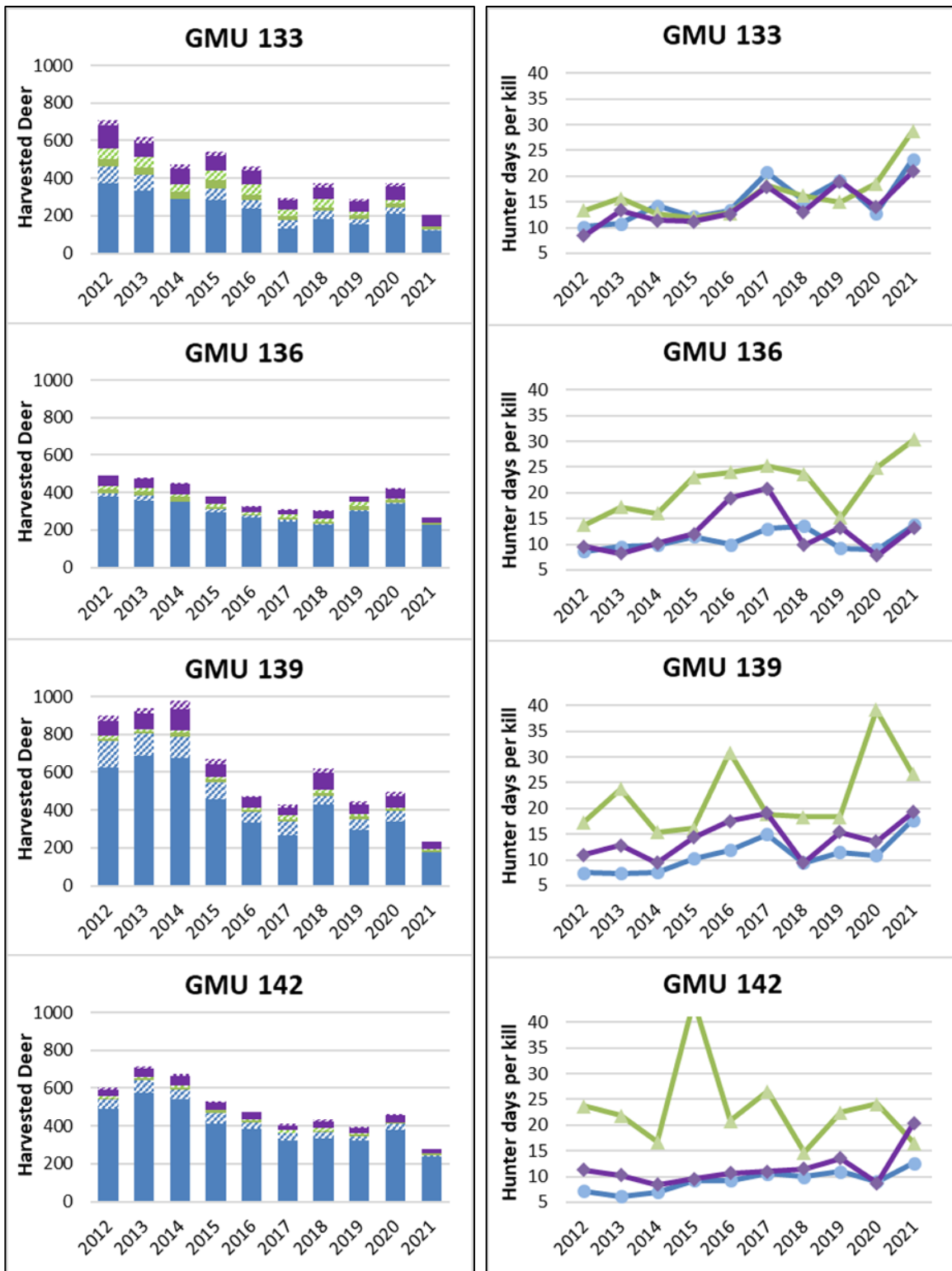


Figure 6. GMUs 133 – 142. **Left column:** Ten-year trends in general season harvest of deer bucks (solid) and antlerless (slash) by weapon type modern firearm (blue), archery (green), and muzzleloader (purple). **Right column:** Ten-year trends in general season hunter days per kill by weapon type modern firearm (blue), archery (green), and muzzleloader (purple).

There is a 3-point minimum antler point regulation in GMUs 127–142 for white-tailed deer, and the late white-tailed deer season in GMUs 127–142 is by permit only (the Palouse Special Permit Hunt) as of 2006. Hunter success over the previous 10 years is, on average, higher for the Palouse hunt (43% versus 29% in the general season), however success rate was only 13% in 2021. Additionally, 5+ point bucks make up, on average, a greater percentage of the kill (36% versus 28% in the general season). Historically there have been between 600-750 permits offered for the Palouse hunt, in 2022 it was dropped to 300 permits due to the decline in this population.

Mule and white-tailed deer populations overlap in District 2, so make sure to identify the species before harvesting an animal, as regulations can differ between species within a GMU. The bulk of District 2 is private land, and buck hunters will have to put in time to get access. Doe hunters should have an easier time given the agricultural nature of this district. Many landowners have been enrolled in WDFW's hunter access programs in southeastern Washington. See the Private Lands Program section below and note that the locations are mapped on the [WDFW Hunt Planner](#).

For more 2021 harvest information from District 2:

- [Deer General Harvest District 2](#)
- [Deer Special Permits Harvest District 2](#)

## BIGHORN SHEEP

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

District 2 is home to one herd of California bighorn sheep, the Lincoln Cliffs herd, found in GMU 133 north of Highway 2 in Lincoln County (visit the [Hunt Planner Webmap](#) for a map). These sheep can most often be seen throughout the residential community of Lincoln and the cliffs above it, and in the cliffs around Whitestone Rock approximately seven miles downriver from Lincoln on Lake Roosevelt. Sheep are also observed frequently in the cliffs and canyons above Sterling Valley (the area between Lincoln and Whitestone) and in surrounding agricultural fields, where they are sometimes reported causing crop damage.

WDFW has conducted regular aerial surveys to assess the status of the Lincoln Cliffs herd since 2002. The minimum population size is estimated by the count of rams and ewes observed during these flights (Figure 7). After several years of increase, the population is showing signs of leveling off and has likely reached the largest feasible herd size here due to human tolerance and availability of quality habitat. For more details on the history of the Lincoln Cliffs herd and the status of bighorn sheep in Washington, see WDFW's [2021 Game Status and Trend Report](#).

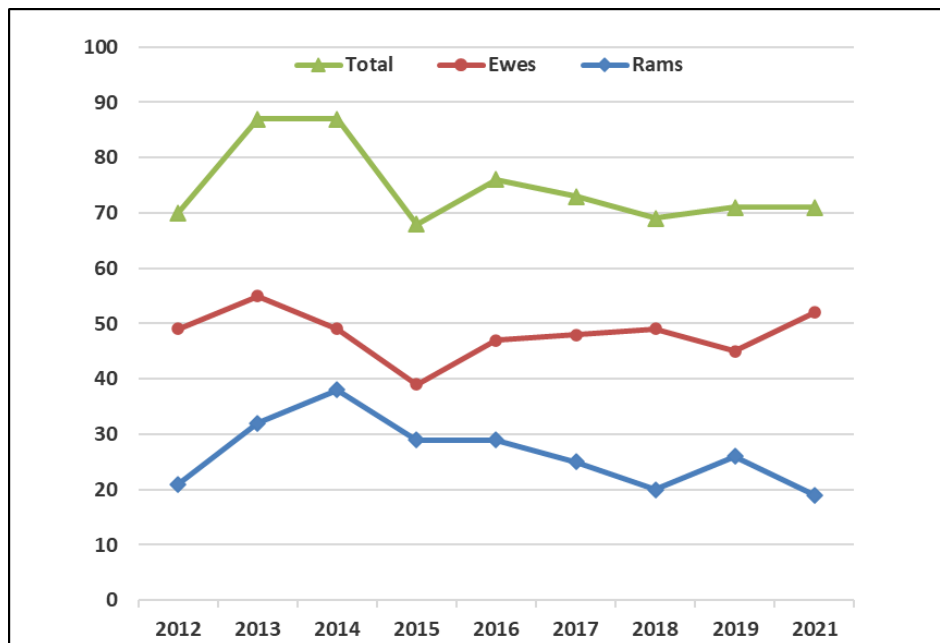


Figure 7. Lincoln Cliff's minimum population estimate by sex for 2012–2021. Estimated as the maximum adult count from helicopter surveys conducted each year. No survey was conducted in 2020 due to COVID-19 restrictions.

## WHAT TO EXPECT DURING THE 2022 SEASON

Bighorn sheep hunting in Washington requires a special permit. One ram permit for the Lincoln Cliffs herd was offered each year from 1997–2013 and in 2017. Based on ram numbers and population size, this was increased to two permits in 2014–16 and again starting in 2018. The average number of applicants for this ram hunt over the last five years is 2137 and harvest success for reporting hunters has been 100%. Ewe permits were introduced in 2018, with two offered—one in the Whitestone Unit and one in the Lincoln Cliffs Unit. As of 2020, only one ewe permit in the Whitestone Unit has been available. The 2020 permittee did not report, but all other ewe hunters have reported 100% success on their hunts. The area is almost entirely private property and permittees will need to obtain permission to access these properties for their hunt.

## MOOSE

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

Moose in northeast Washington are Shiras moose (*Alces alces shirasi*), the smallest of the four subspecies of moose in North America. Moose were not believed to be common or widely distributed in the Rocky Mountain states in the 1800s, and it was not until 1908, when explorer George Shiras III found a fairly large population in Yellowstone National Park, that this mountain race was described. Shiras moose were only rarely noted in Washington until the late 1950s when distribution began to expand into eastern Pend Oreille County. Moose dramatically increased in number and distribution in the decades that followed and are now relatively common throughout northeast Washington.

Statewide moose management goals are to 1) Preserve, protect, perpetuate, and manage moose and their habitats to ensure healthy productive populations; 2) Manage for a variety of recreational, educational, and aesthetic purposes; and 3) Manage statewide moose populations for a sustained yield. The proximity of a moose population near the Spokane metropolitan area adds the challenge of balancing population objectives with human safety and the community's tolerance of moose.

From 2013-16, WDFW completed a project to develop a new survey methodology that would produce a reliable population estimate over the entire northeast (GMUs 101–130). This project resulted in an estimate of 5,169 (3,510 to 7,034) moose in the northeast in 2015. Though the estimate produced by the new method was less variable than previous methods, the larger area of coverage made it impractical to apply the results to individual hunt units and the cost makes it unviable to repeat annually.

Currently, WDFW uses harvest, success, and hunter effort to monitor and manage moose populations in District 2. Based on these harvest metrics and results from a WDFW/University of Montana partner study from 2014–2018 in northeast Washington, it appears that the ~5000 moose in 2015 was a high point in the moose population in northeast Washington and now we are seeing a decline. Primary drivers of this decline are the poor body condition of cows and reduced calf survival. Poor cow condition is likely caused by reduced habitat quality and quantity due to reduced timber harvests, increased tick infestations due to warmer winters and more hosts (i.e., moose), and decreased foraging by cows in winter due to high temperatures (moose become thermally stressed at 28°F once in their winter coats). Reduced calf survival is due to increased predation likely tied to the recent re-establishment of wolves in the northeast. However, the effects of predation (wolf and otherwise) are exacerbated by the impact of poor cow condition on young nursing calves and poor habitat quality (i.e., forage) for older calves.

Harvest management emphasizes quality hunting opportunities through limited special permits drawn by lottery each year. A total of 34 permits are offered in District 2 in a variety of categories (Table 3). Prior to 2012, District 2 had two moose hunt units (MHU), Mount Spokane (GMU 124 east of Highway 395), and Hangman (GMUs 127 and 130). In 2012, the Mount Spokane MHU was split into [Mount Spokane North and Mount Spokane South Moose Areas](#) to



help distribute hunters more evenly across the area and increase hunter opportunity. In 2015, the Hangman MHU was split into the Mica Peak (GMU 127) and Cheney (GMU 130) MHUs for the antlerless hunts only, to better distribute hunters and try to address increasing moose conflict in Cheney. The Hangman MHU was retained for bull hunts. Additionally, in 2015, the Spokane West MHU was split off from the Huckleberry MHU to distribute hunters and increase opportunity. In 2022, GMU 139 was added to the Hangman and Cheney MHUs; there are not many moose in GMU 139 but there are some and they sporadically cause damage and nuisance issues. Adding this GMU allows for easier use of hunters to address these issues when they occur.

Table 3. Permits offered in District 2 by moose hunt unit for 2021.

Moose Unit	Antlered Bull	Antlerless Only		
	General	General	Disabled	Youth
Mount Spokane North	8	2	1	0
Mount Spokane South	8	2	0	1
Spokane West	2	2	0	0
Hangman	4	0	0	0
Mica Peak	0	2	0	0
Cheney	0	2	0	0

### WHAT TO EXPECT DURING THE 2022 SEASON

Hunters should take note that moose are by nature a solitary animal and are scattered over very wide areas as individuals or in small groups. While they can be found at any elevation, they are most likely found between 3,000 and 5,000 feet. In the fall they are looking for deciduous browse, primarily willow brush, alder, serviceberry, ceanothus, and other shrubs in clear-cuts or burns 10–20 years old. Moose seek out cool, moist drainage basins and slopes, and generally prefer north slopes or east-flowing drainages. Moose are still in the rut in early October and some hunters have been effective with calls. By November, snow is common, and locating moose tracks and seeing these dark animals with a snow background is much easier. However, by mid to late November, there is usually enough snow that motor vehicle access can be limited.

Moose seek out snow rather than avoid it in late fall and early winter because they are in their winter coats and start to experience thermal stress at temperatures exceeding 28°F. In years without much snow, they are typically found at a higher elevation and on north slopes with tree cover. In years with a lot of snow, they move down to the foothills of the mountains. Moose habitat in District 2 is largely located on private timber company lands, but smaller private ownerships can also harbor good moose concentrations. Permit holders should exercise caution and know where they and the targeted moose are at all times given the percentage of private

land ownership, proximity to Idaho, and non-hunting lands (State and County Parks, National Wildlife Refuge) within the moose hunting units. WDFW requires all successful moose hunters to submit tooth samples in the envelopes provided with their informational packet. Tooth samples allow us to get an overview of the age structure of the moose population, which will help inform future management decisions.

See below for specific harvest metrics and access for each MHU:

### **Mount Spokane North Moose Area**

The success rate for the eight Bull Moose permits in this unit was 88% in 2021 and has averaged 92% since its creation in 2012. Hunters have spent 10 days per kill on average, but the trend is increasing with hunters spending on average 14 days per kill in the last five years of the hunt compared to just five days per kill in the first five years. The average spread of bulls harvested is 35 inches, with the largest bull harvested measuring 49 inches.

Success rates for the Antlerless Only hunt in this unit was 100% in 2021 and has averaged 88% since its creation in 2012. Hunters have spent seven days per kill on average, though it reached as high as 19 days per kill in 2016. Decreasing hunter success rates and increasing hunter effort combined with low pregnancy rates and low calf survival in a local study have led the department to reduce antlerless opportunity in this area to two permits starting in 2020. We also offer one antlerless permit to disabled hunters in this unit; the permittees for this hunt were unsuccessful in 2020 and 2021 having spent 18 days and 35 days hunting, respectively.

Access in this unit is primarily on timber company lands, Inland Empire Paper (IEP) and Hancock Timber, and DNR lands around the east [E Blanchard Rd area](#). The DNR lands are free to hunt, though full-sized vehicles are not typically allowed, so be careful and read signage at gates—they might be open in the morning if crews are working but you might get locked in that evening. IEP allows vehicular access but will close gates to full-sized rigs once there has been enough rain to soften the roads (typically in late October or early November). IEP does charge an access fee, but it is reasonable and comes in daily and annual versions. For more information on IEP and maps of their property please visit [their website](#). Hancock has traditionally had a memorandum of understanding (MOU) with WDFW to allow **non-motorized** access for free to hunters, but please check with Hancock or WDFW to confirm this MOU is still in place prior to hunting their properties. WDFW Enforcement monitors their property and will ticket offenders. Please respect the agreement or this access could be lost. Hancock does not supply a map of their property; we recommend hunters use the Spokane County Assessor's [online parcel map](#) to identify Hancock ownership or invest in third-party software (e.g., OnX maps).

### **Mount Spokane South Moose Area**

The success rate for the eight Bull Moose permits in this unit was 100% in 2021 and has averaged 95% since its creation in 2012. Hunters spent nine days per kill on average in 2021, the average for this hunt since its creation is eight days but has been in the low teens the

previous three years. The average spread of bulls harvested is 34 inches, with the largest bull harvested measuring 48 inches.

Only one of the two antlerless permittees hunted this unit in 2021 and they were unsuccessful. Success has averaged 77% since its creation in 2012 but has varied considerably from 100% in 2020 to zero in 2021. Hunters have spent seven days per kill on average, though it has been as high as 16 days per kill and last year's permittee hunted 22 days without success. Decreasing hunter success rates and increasing hunter effort combined with low pregnancy rates and low calf survival in a local study have led the department to reduce antlerless opportunity in this area to two permits starting in 2020. We also offer one antlerless permit to youth hunters in this unit, the 2021 youth was successful after 10 days of hunting.

Access in this unit is primarily on Inland Empire Paper (IEP) timber company lands in the [Thompson Creek](#) and Brickel Creek areas. There is a small chunk of DNR lands north of the Brickel Creek area as well. The DNR lands are free to hunt, though full-sized vehicles are not typically allowed, so be careful and read signage at gates-they might be open in the morning if crews are working but you might get locked in that evening. IEP allows vehicular access but will close gates to full-sized rigs once there has been enough rain to soften the roads (typically in late October or early November). IEP does charge an access fee, but it is reasonable and comes in daily and annual versions. IEP lands are adjacent to Mount Spokane State Park, which is not open to hunting, and the border with Idaho, so hunters need to know where they are before taking a shot. We recommend hunters use the Spokane County Assessor's [online parcel map](#) to identify ownership or invest in third-party software (e.g., OnX maps). For more information on IEP and maps of their property please visit [their website](#).

### **Spokane West Moose Hunt Area**

The success rate for the two Bull Moose permits in this unit was 100% in 2021 and has averaged 100% since its creation in 2015, however the single permittee in 2017 did not report and did not respond to calls. Hunters spent nine days per kill on average in 2021, the average for this hunt since its creation is five days. The average spread of bulls harvested is 39 inches, with the largest bull harvested measuring 48 inches.

Success rates for the Antlerless Only hunt in this unit was 100% in 2021 and has averaged 93% since its creation in 2015. Hunters have spent four days per kill on average, though it reached as high as 10 days per kill in 2016.

Based on harvest stats and limited composition flights the moose population in this unit is doing better than the other units in District 2. However, most of the access is non-motorized, so **do not apply** if you are not in good physical condition or do not have private land access. Access in this unit is primarily on Hancock Timber Company lands and scattered DNR parcels. The DNR lands are free to hunt, though full-sized vehicles are not typically allowed, so be careful and read signage at gates-they might be open in the morning if crews are working but you might get locked in that evening. Hancock has traditionally had an MOU with WDFW to allow **non-motorized** access for free to hunters, but please check with Hancock or WDFW to

confirm this MOU is still in place prior to hunting their properties. WDFW Enforcement monitors their property and will ticket offenders. Please respect the agreement or this access could be lost. Hancock does not supply a map of their property; we recommend hunters use the Spokane County Assessor's [online parcel map](#) to identify Hancock ownership or invest in third-party software (e.g., OnX maps). Access to Hancock lands in this unit are from the gate east off [Hwy 231 just south of the intersection with Reservation Road](#).

### **Hangman Moose Hunt GMUs 127 and 130**

The number of Bull Moose permits offered for this hunt was reduced from seven to four in 2017, due to reduced success, ≤86%, and increased effort (as high as 23 days) observed the previous four years. Since this reduction, success has averaged 90% and effort has averaged 6 days per harvest. The average spread of bulls harvested in the last 10 years is 36 inches, with the largest bull ever harvested measuring 52 inches. Overall, the moose population in this unit appears to be declining in areas open to general hunting access (e.g., DNR and Inland Empire Paper Company), but increasing in areas closed to hunting or where access is limited (Conservation Areas and suburban Spokane). Hunters are strongly encouraged to secure private land access for this hunt before applying.

Access in this unit is primarily on Inland Empire Paper (IEP) timber company lands on Mica Peak and scattered sections of DNR throughout. The DNR lands are free to hunt, though full-sized vehicles are not typically allowed, so be careful and read signage at gates before entering. IEP does **NOT** allow vehicular access on their lands in this unit due to a history of road damage. IEP does charge an access fee, but it is reasonable and comes in daily and annual versions. IEP lands are adjacent to Spokane County Parks lands, which are not open to hunting, and the border with Idaho, so hunters need to know where they are before taking a shot. Hunters are advised to use the Spokane County Assessor's [online parcel map](#) to identify ownership or invest in third-party software (e.g., OnX maps). For more information on IEP and maps of their property please visit [their website](#). Two primary entry points for this hunt are the [Belmont Road County Park](#) trailhead and [FAA Starr Road gate](#).

### **Mica Peak Moose Hunt GMU 127**

There are no Bull Moose permits specific to just this unit (Hangman MHU incorporates both Mica Peak and Cheney MHUs). The following Antlerless harvest statistics include the Hangman Unit data because the vast majority of permittees prior to 2015 harvested their animals in Mica Peak. Due to declining hunter success, Antlerless Only permits were reduced from seven to four in 2017. The success rate for this hunt increased to 100% in 2017, up significantly from the previous 5-year average of 69% and remained at 100% in 2018. However, success dropped to 50% in 2019 and effort spiked to an all-time high of 21 days/kill on average. Permits were reduced to two in 2020; hunter success rebounded to 100% and hunter's effort came back into line with the 5-day average observed prior to the more recent increase. In 2021 hunter success remained at 100%, but effort increased to 10 days on average. Overall, the moose population in this unit appears to be declining in areas open to general hunting access (e.g., DNR and Inland Empire Paper), but increasing in areas closed to hunting or where access is limited.

Hunters are encouraged to secure private land access for this hunt if they want to increase their odds of success.

See the Hangman unit above for more access information.

### **Cheney Moose Hunt GMU 130**

There are no Bull Moose permits specific to just this unit (Hangman MHU incorporates both Mica Peak and Cheney MHUs). This MHU was split off from the Hangman MHU in 2015 for Antlerless only hunts because very few permittees hunted it while the number of complaints regarding moose in the unit's suburban/rural areas increased. This unit is almost entirely private land. The larger blocks of public land are NOT open to hunting, and the moose are dispersed and highly mobile. Only one of the two Antlerless Only permittees reported for this hunt in 2015. The permittee was successful after 15 days of hunting. In 2016, neither permittee was successful after spending a combined 20 days hunting. In 2017, one permittee did not hunt, while the other was successful after nine days of hunting. In 2018, both hunters were successful after spending a combined 36 days hunting. In 2019 both hunters were successful after spending a combined 20 days hunting. In 2020 only one hunter reported, and they were successful after four days of hunting. In 2021 both hunters were successful after spending a combined 10 days hunting.

Hunters are STRONGLY encouraged to secure private land access for this hunt prior to applying for the permit.



## COUGAR

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

Cougars may be found in varying densities throughout District 2, depending on habitat availability. Cougars are managed to provide maximum harvest opportunity while promoting population stability and social structure and minimizing human-cougar conflict.

Beginning with the 2012 season, WDFW shifted away from using season length and/or permits to manage cougar harvest and instead divided the state into cougar hunt areas and implemented a standard early general season with no harvest limit across all hunt areas from Sept. 1 to Dec. 31, followed by a late season (Jan. 1 to April 30) the duration of which is dependent on a harvest guideline. The harvest guideline is 12% to 16% of a hunt area's estimated adult population. Starting Jan. 1, harvest numbers and composition of the harvest in each hunt area are evaluated, and areas may be closed for meeting or exceeding the guideline with relatively short notice. Hunters that plan on hunting cougar after Jan. 1 are responsible for knowing if their hunt area is open or closed; to confirm its status, hunters must call the cougar hotline (1-866-364-4868) or [check online](#). To facilitate implementation of the guideline, all successful late season cougar hunters are required to report their harvest to WDFW via the hotline within 72 hours of harvest. A pelt sealing for cougars harvested during either season must also be scheduled within five days of the kill.

GMUs 124, 127, and 130 comprise a single Hunt Area with a harvest guideline of 7–9 adults. Therefore, if you would like to hunt cougar in GMUs 124–130 after Jan. 1, you will have to verify the unit is still open. Harvest in this unit has met or exceeded the guideline for 4 of the past 5 seasons and has been closed prior to April 30. GMUs 133–142 are part of the Columbia Basin Hunt Area that has no harvest guideline due to limited cougar habitat.

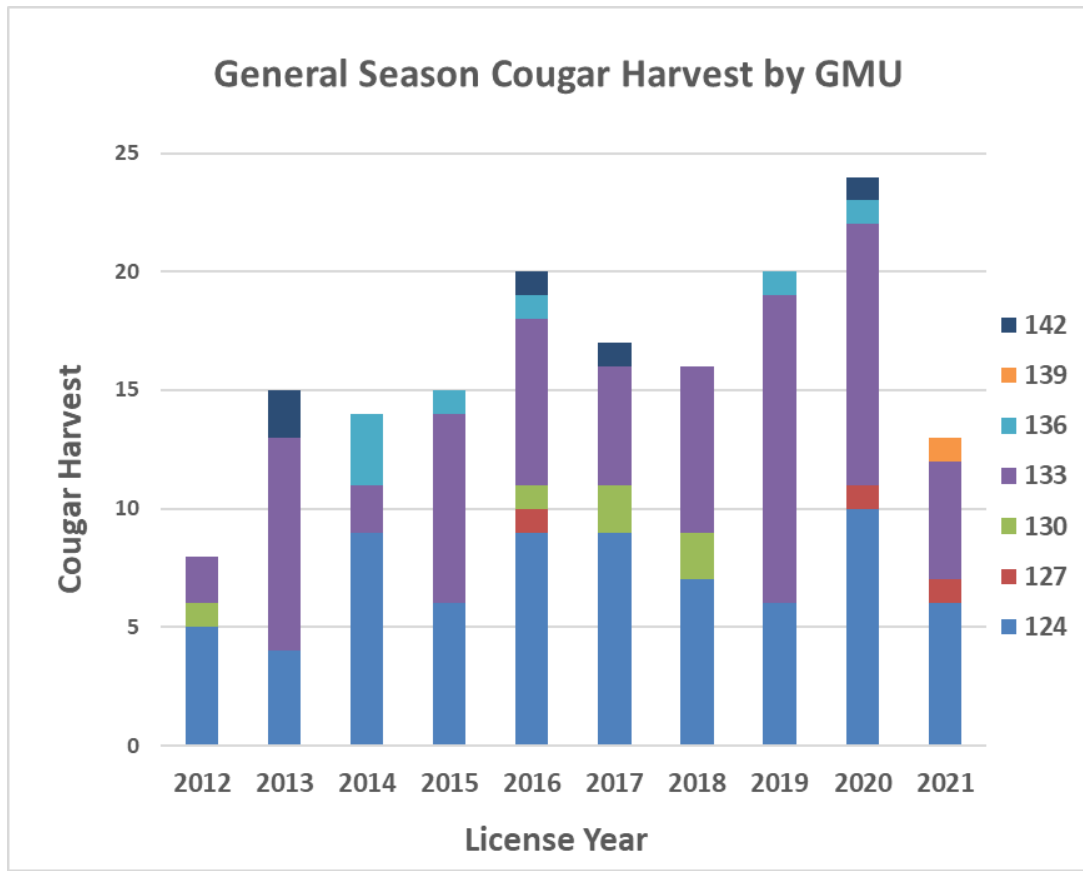


Figure 8. General season cougar harvest by GMU for license years 2012–2021.

### WHAT TO EXPECT DURING THE 2022 SEASON

Starting in 2017, the cougar season was extended until April 30. If you hunt in a unit that has not been closed to harvest, **you will have to purchase a 2023 hunting license and cougar tag to hunt cougar after March 31, 2023.**

In general, cougar harvest has been increasing in District 2 over the last 10 years, with the highest reported harvest of 24 cougars occurring in the 2020 license year (Figure 8). The average harvest across the district over the last 10 license years is 16. Harvest is consistently the highest in GMUs 124 and 133, and sightings in these units are also common. Cougar harvest in all other GMUs in District 2 is usually very low (Figure 8). Most of the general season cougar harvest in the district is opportunistic, occurring most often while hunters are seeking deer or elk. The proportion of males and females in the harvest varies each year, but the typical age at harvest is three years or younger. For harvest details by GMU, see the [Game Harvest Reports](#). The Department has more information on [reporting and pelt-sealing requirements](#).

## BLACK BEAR

### GENERAL INFORMATION, MANAGEMENT GOALS, AND POPULATION STATUS

Black bears in Washington are managed with the goal of ensuring healthy and productive populations while minimizing conflict with people. The state is divided into nine Black Bear Management Units (BBMUs); District 2 is part of both the Northeastern BBMU (GMUs 124–130) and the Columbia Basin BBMU (GMUs 133–142). Harvest levels vary within and between BBMUs depending on local habitat conditions and corresponding bear densities, as well as hunter effort and access limitations. We do not currently conduct annual surveys or have formal population estimates for bear but rely on harvest statistics to infer population trends and evaluate management decisions.

Bear harvest in District 2 is substantially lower than in the rest of the Northeastern BBMU, likely due to habitat and hunter access limitations. Bear harvest in District 2 also varies widely year by year (Figure 9), as bears are most often harvested by deer and elk hunters when they come across one during their general seasons. The proportion of males and females in the harvest is also highly variable from year to year, likely for the same reason (Figure 10). Most of the harvest usually occurs in GMUs 124 and 127. Although the Columbia Basin BBMU is not thought to support resident black bear populations due to lack of forested habitat, GMU 133 has averaged 7 bears per year over the past 10 years. Harvest in the other GMUs in the Basin (136–142) is very low or nonexistent and would not be worthwhile to hunt for this species.

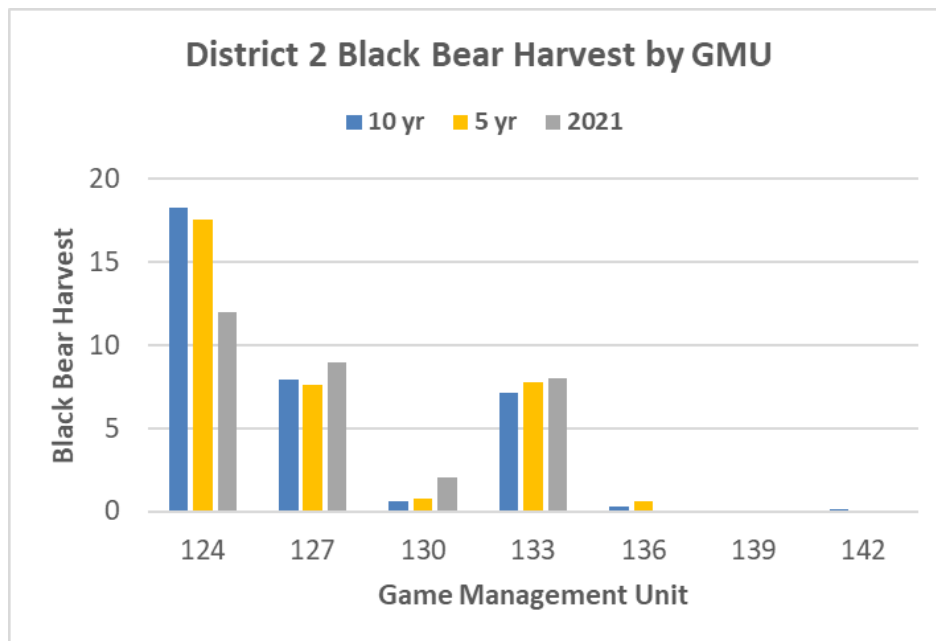


Figure 9. The number of black bears harvested in each GMU during the 2021 general season in District 2. Also included are the 10-year (2012–2021) and 5-year (2017–2021) average for the total number of bears harvested in each GMU.

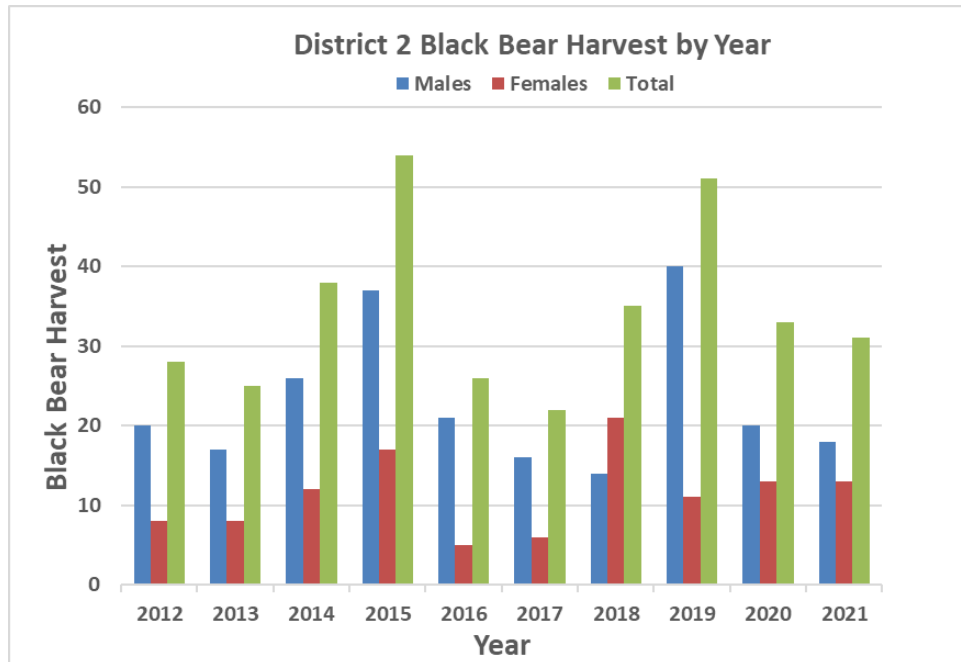


Figure 10. Black bear total harvest in District 2, 2012–2021.

### WHAT TO EXPECT DURING THE 2022 SEASON

Beginning in 2019, the fall general season dates were standardized statewide, allowing eastside hunters to start hunting August 1 in all GMUs. Additionally, the bag limit was increased to two bears, regardless of location. Hunters must purchase a second bear tag to harvest a second bear. District 2 is not known for black bear hunting, though an increase in harvest in recent years suggests the local population is doing well, especially in the forested areas of Spokane and Lincoln counties.

Scouting and securing private land access are extremely important factors that hunters should consider when specifically hunting for black bears in District 2. Although black bears are fairly common in some areas, they are seen infrequently because they tend to spend most of their time in forest cover and limit their time in the open to cooler times of the day. Much of the bear habitat in the district is either in State or County Parks and Conservation Areas (which are not open to hunt), or private timber company land (where you may need an access permit).

Bear hunters are strongly urged not to shoot females with cubs. In the fall, cubs are 30 to 50 pounds and tend to lag behind when traveling. Please be patient and spend time watching for cubs before shooting a bear. Remember that it is **mandatory** to submit a premolar tooth from all fall season harvested bears. Tooth envelopes are available at WDFW offices, and hunters are welcome to make an appointment for help with pulling the tooth if needed. If you are unable to reach a regional WDFW office for a tooth envelope, contact the Wildlife Program at (360) 902-2515. Hunters that submitted a tooth can [look up the age of their harvest](#) several months after the close of the season.

## WATERFOWL

At the statewide level, District 2 is not known for its duck hunting and is not a large duck production area due to the ephemeral nature of the water bodies in the Channeled Scablands. Local surveys indicate brood production has dropped back to pre-2016 levels (Figure 11). In 2016 and 2017 there was especially high precipitation in the winter and spring, resulting in dramatic increases in wetland size and numbers and increased nesting and broods. The most common breeding duck species in the area are mallard, gadwall, green-winged teal, and redhead. Other common waterfowl species in District 2 include coot, ruddy duck, and northern pintail and American wigeon during migration. Aerial breeding population surveys (BPOP) for the entire Potholes region of eastern Washington show similar trends in ducks as seen in District 2 ground surveys (Figure 12). However, the BPOP coot numbers remain relatively stable, while District 2 coot brood numbers have dropped. BPOP flights in 2020 and 2021 were canceled due to COVID-19.

Given the limited number of local nesting ducks, waterfowl hunting opportunity in this district is dependent upon the number of migrants coming from Canada and Alaska, the amount of precipitation, and how long waterbodies remain ice-free. Even with the wet and cool spring, waterbody numbers and size are still down this year due to last year's drought and the lack of winter snow. It does not look good for duck hunting this season in District 2. Hunters should focus their efforts on larger perennial waterbodies unless fall rains are significant, then shallow, flooded agricultural fields become duck and goose hot spots. For more information on waterfowl hunting techniques and waterfowl hunting areas in Region 1, see the [WDFW waterfowl webpage](#).

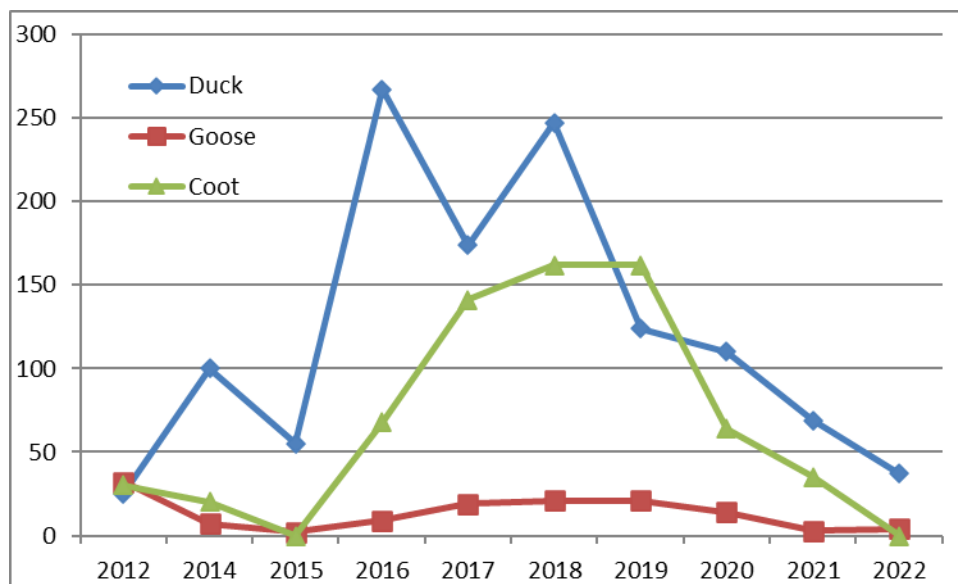


Figure 11. Total number of young of the year observed on District 2 brood ground survey routes.

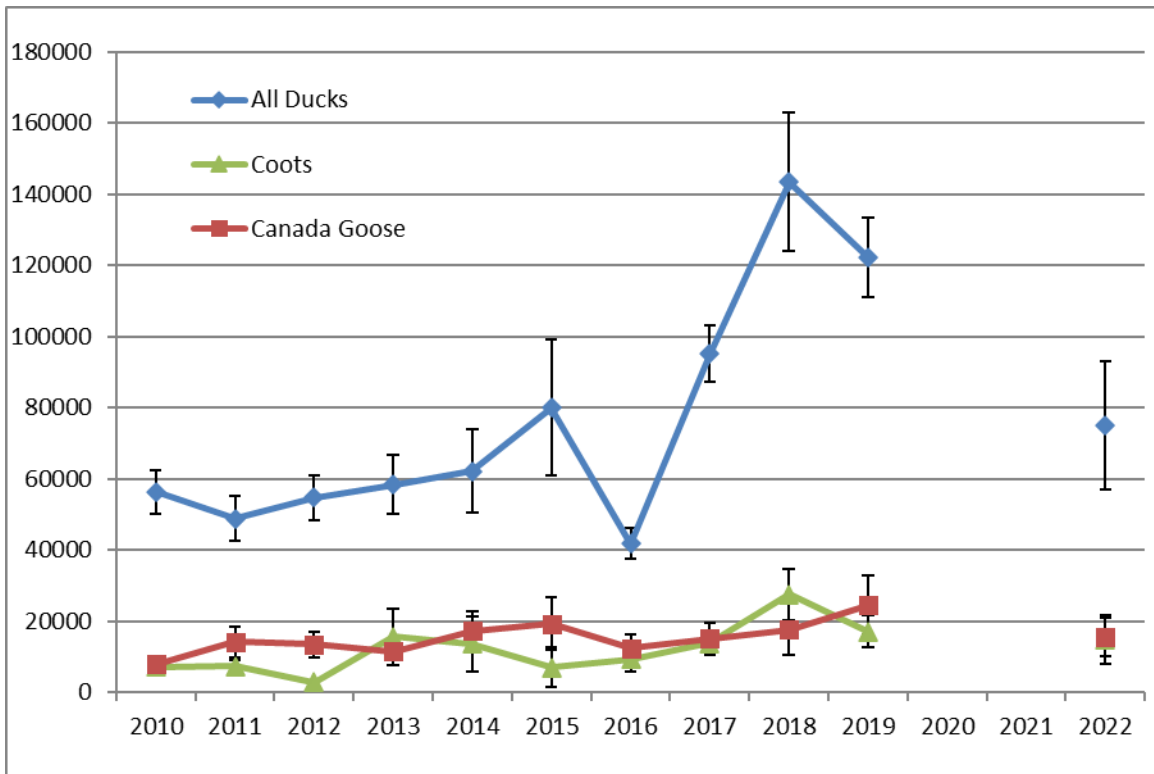


Figure 12. Waterfowl estimates from aerial breeding population surveys for the Potholes region of eastern Washington. BPOP flights were cancelled in 2020 and 2021 due to COVID-19.

## PHEASANT

The pheasant population available for harvest in the fall is highly dependent on annual recruitment. The drought and heat of 2021 resulted in poor chick survival and thus lower than normal recruitment. The 2021/22 winter was fairly typical for eastern Washington and should have resulted in average overwinter adult survival. However, the late snow and wet, cold spring likely resulted in reduced chick survival and recruitment for early nesters in 2022. It should have supplied more forage and insects for chicks for later nests, resulting in increased survival and recruitment for them.

District-wide harvest was on an increasing trend, reaching a 10-year high in 2020, but saw a steep decline in 2021 (Figure 13, top). Hunter numbers have been relatively stable (Figure 13, top), mirroring statewide trends. Days per hunter also have remained relatively stable in the district, but harvest per hunter dropped in 2021 (Figure 13, bottom). The declines seen in harvest in 2021 is likely tied to the extreme drought and excessive heat of 2021, reducing nest success and chick survival.

The majority of pheasant hunting occurs in Whitman County, which has about three times the harvest and about two times more hunters than Lincoln or Spokane counties. For more information on the harvest statistics see the most recent Statewide Small Game Harvest Statistics here: [Pheasant – Statewide Only](#) . For more information on pheasant status in Washington, see the most recent [Game Status and Trend Report](#).

Overall, pheasant populations are experiencing long-term declines. This is a trend seen across the country and it is likely associated with current cleaner farming practices and habitat loss. Examples of this include the switch to large-scale monoculture farming, removal of hedgerow (farming through small creeks beds and up into the gravel of the road), the more efficient harvest machinery leaving less waste grain, increased use of herbicides and pesticides, and more recently the use of neonicotinoid insecticides. These factors combine to reduce adult, nest, and chick survival through less food (fewer insects and forbs) and less cover, and in the case of neonicotinoids, potential direct mortality of individuals that consume the coated seeds.

Since most of the land in this district is private, hunters will need to spend some time seeking permission for access to the better sites. Many private landowners have enrolled in WDFW hunter access programs recently in southeast Washington. See the Private Lands Program section below for access program acres by GMU, and the [Hunt Planner Webmap](#) for mapped locations.

The Department has [tips on pheasant hunting in general](#) and recommends hunters use the “[Basics of Upland Bird Hunting in Washington](#)” publication.

WDFW will be releasing game farm-produced roosters once again this fall at the traditional release sites, which are also mapped on the Hunt Planner Webmap and the [Eastern Washington Pheasant Enhancement Program](#) publication. There is also a [summary of upland game bird seasons](#).



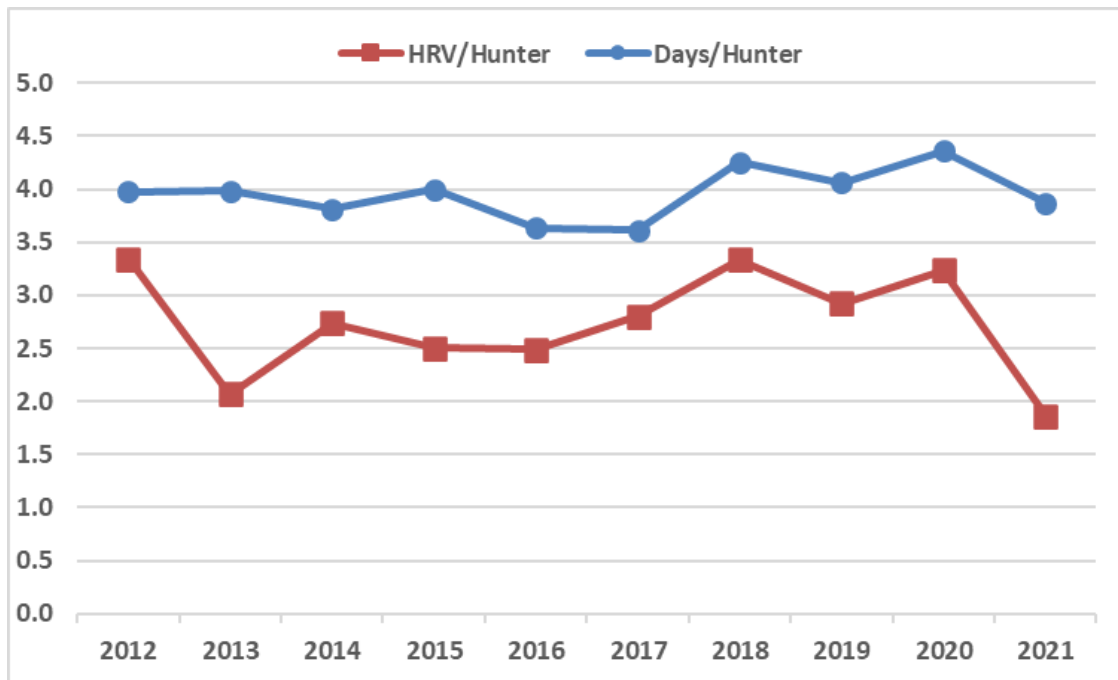
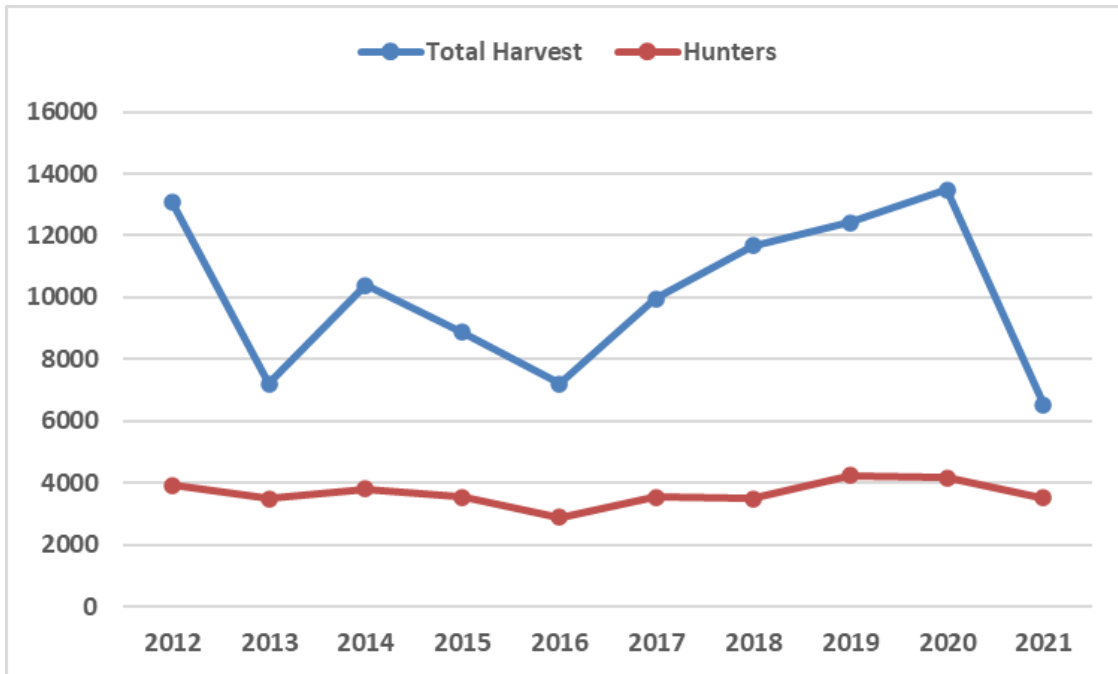


Figure 13. Top graph: Pheasant harvest and hunter numbers for District 2 from 2012-2021. Bottom graph: Pheasant harvest and days hunted per hunter for District 2 from 2012-2021.

## CHUKAR AND GRAY PARTRIDGE

The drought and heat of 2021 resulted in poor chick survival and thus lower than normal recruitment into the population. The 2021/22 winter was fairly typical for the inland northwest and should have resulted in normal adult overwinter survival. However, nest and early chick survival for chukar and partridge likely suffered from the cold wet spring, but the late nesters and re-nesters likely benefited from the increased forage and insects. Overall partridge numbers are likely going to be down this coming fall relative to the long-term trend but could be up slightly from last year.

Harvest has varied over the past ten years with spikes in 2012 and 2018 and declines in 2020 and 2021 (Figure 14). Hunter numbers have remained stable, but those hunters put in a lot of effort (measured by days per hunter); harvest per hunter also dropped in 2020 and 2021 after remaining relatively stable for the past eight years (Figure 14).

Partridge are most common in Lincoln and Whitman counties and are most often seen in, and adjacent to, agricultural fields. When hunting for partridge in Lincoln County please be sure to identify your bird before pulling the trigger. There are populations of Sage grouse and Sharp-tailed grouse in the county, and both are State Endangered species.

There are very few chukar in District 2. They are predominantly found along the breaks of the Snake River, where the terrain is steep and rocky with limited public access from above. There is some access via the U.S. Army Corps of Engineers land along the Snake River from below, but not all the Corps lands allow hunting. See their [website](#) for details.

For more information on gray partridge and chukar harvest, see the [Statewide Small Game Harvest Statistics: Statewide and by County](#), and the most recent [Game Status and Trend Report](#).

The Department has [tips on chukar and gray partridge hunting](#) in general and recommends hunters use the "[Basics of Upland Bird Hunting in Washington](#)" publication as well. There is also a [summary of upland game bird seasons](#).

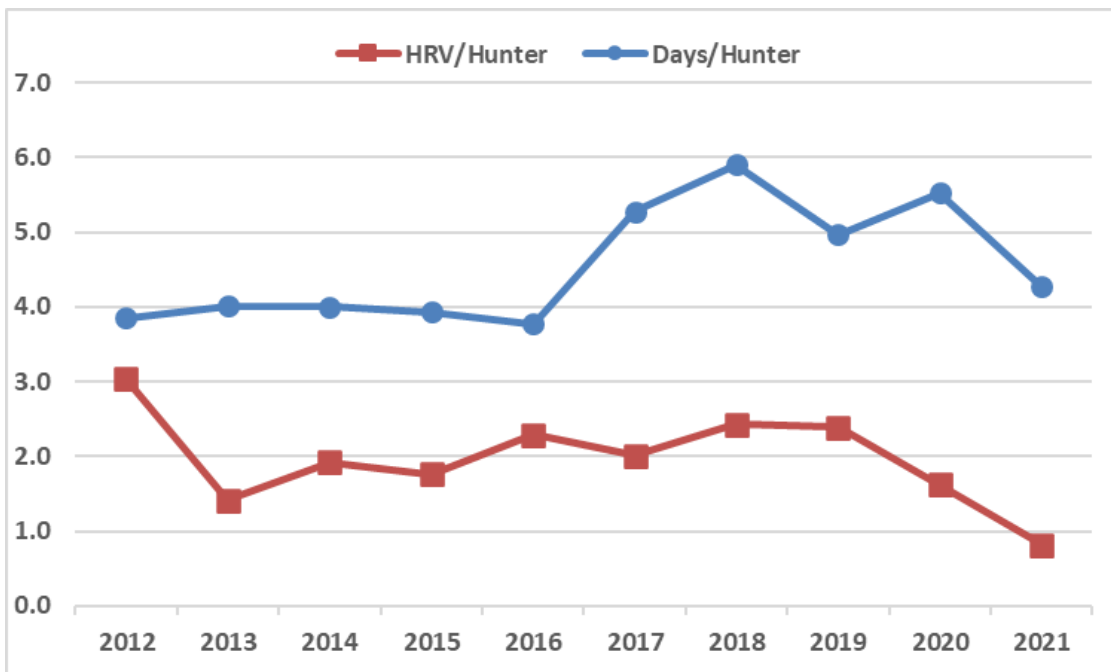
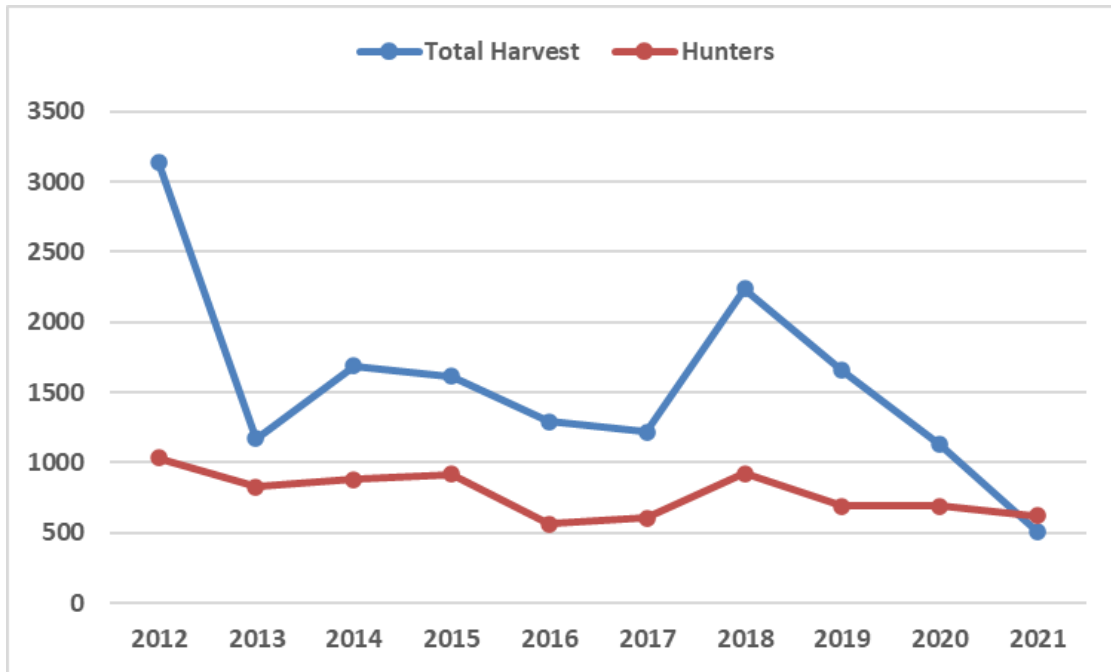


Figure 14. Top graph: Chukar and partridge harvest and hunter numbers for District 2 from 2012-2021. Bottom graph: Chukar and partridge harvest and days hunted per hunter for District 2 from 2012-2021.

## FOREST GROUSE

The forest grouse season opener has been delayed to September 15<sup>th</sup> starting in 2021. Statewide harvest data indicates a declining trend in the forest grouse population, and wing barrel data indicates that our early season harvest is biased towards young of the year and brood hens. This delay has been implemented to allow for more brood break up to occur, thereby reducing brood hen vulnerability to harvest, ultimately resulting in a growing population.

Overall, forest grouse populations appear to be low but stable in District 2, with the best success found in the forested portions of GMUs 124, 127, and 133. Of the four forest grouse species, only ruffed and dusky grouse are found in District 2. Ruffed grouse are by far the most common of the two, but dusky grouse can be found in GMUs 124, 127, and 133. Like with upland birds, the severe drought and heat of 2021 decreased chick survival and recruitment and the wet cold spring of 2022 impacted chick survival of early nesters, but likely improved chick survival for late nests and re-nests.

Hunter numbers are down relative to long term averages but have been stable over the past few years (Figure 15, top). Hunter effort in 2021 was 4 days per hunter, which is about a day less than the five-year average (5.2 days/hunter). Total grouse harvested and hunter success (harvest per hunter) both declined in 2021 but are within the range seen in the past ten years (Figure 15, bottom).

For more information on forest grouse, see the [Statewide Small Game Harvest Statistics: Statewide](#), and the most recent [Game Status and Trend Report](#). There are [tips on hunting forest grouse](#) and the Department recommends hunters use the “[Basics of Upland Bird Hunting in Washington](#)” publication as well. There is also a [summary of upland game bird seasons](#).

To evaluate population trends and harvest changes, WDFW began collecting forest grouse wings and tails from hunters in 2016 and will continue these in 2021. Collection barrels will be distributed at various hunting access points, as well as WDFW offices throughout Region 1. You can help with this effort by dropping off a wing and tail from each forest grouse harvested, following the instructions at the barrel. [Locations of wing barrels and other information about this sampling effort](#) can be found on our website.

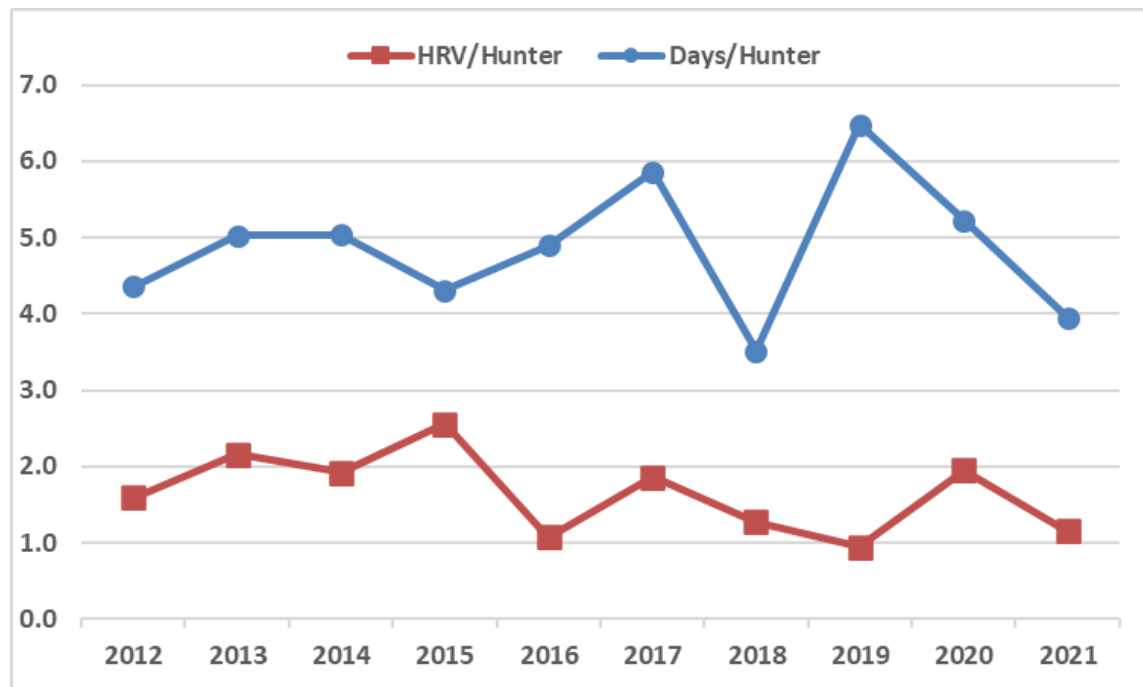
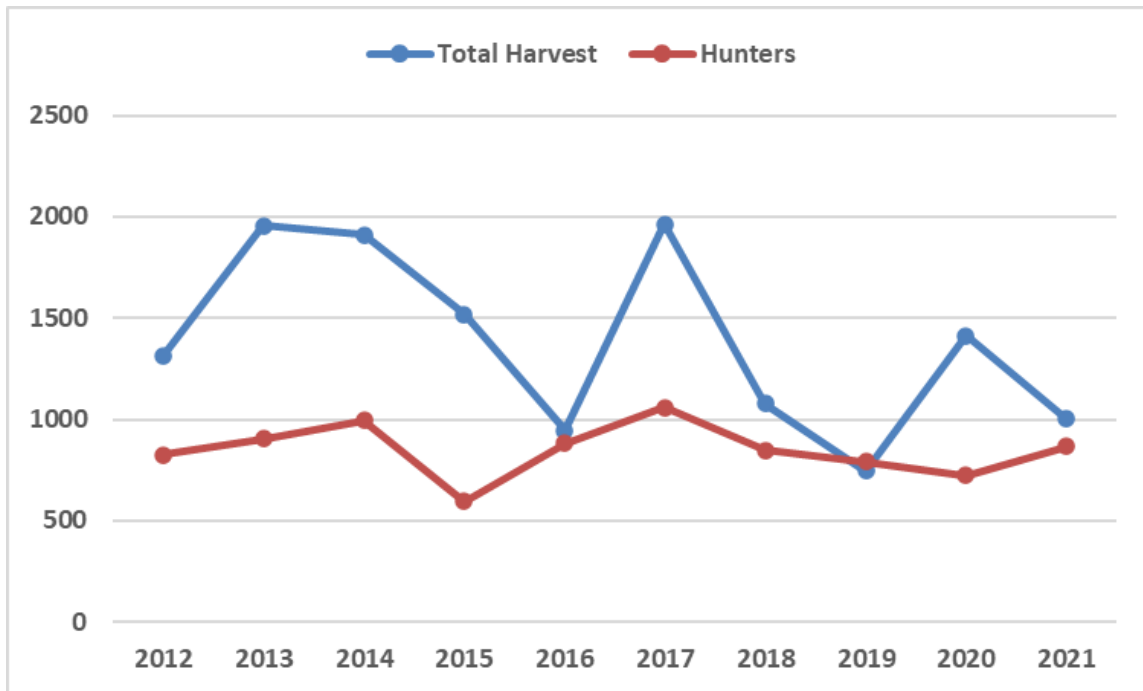


Figure 15. Top graph: Forest grouse harvest and hunter numbers for District 2 from 2012-2021. Bottom graph: Forest grouse harvest and days hunted per hunter for District 2 from 2012-2021.

## QUAIL

Similar to pheasant and partridge, the drought of 2021 hurt quail chick survival, and the 2021/22 winter was typical and should have resulted in average adult survival. While the cold, wet spring likely hurt early nesters as well, with quails' fecundity and tendency to double-brood, they likely were able to take advantage of the forage with later nests and re-nest attempts.

Harvest was down and hunter numbers slightly up in 2021, but both are in line with ten-year average (Figure 16, top). Hunter success (harvest/hunter) was below average and hunter effort (days/hunter) was average (Figure 16, bottom). Access can be challenging, especially with most of the good quail habitat occurring in and around farmsteads and towns. For more information on harvest statistics, see the Statewide Small Game Harvest Statistics here: [Quail - Statewide](#). For more information on quail status in Washington, see the most recent [Game Status and Trend Report](#).

Consider reviewing tips on [quail hunting in general](#), as well as the "[Basics of Upland Bird Hunting in Washington](#)" publication available on the WDFW website. There is also a [summary of upland game bird seasons](#).

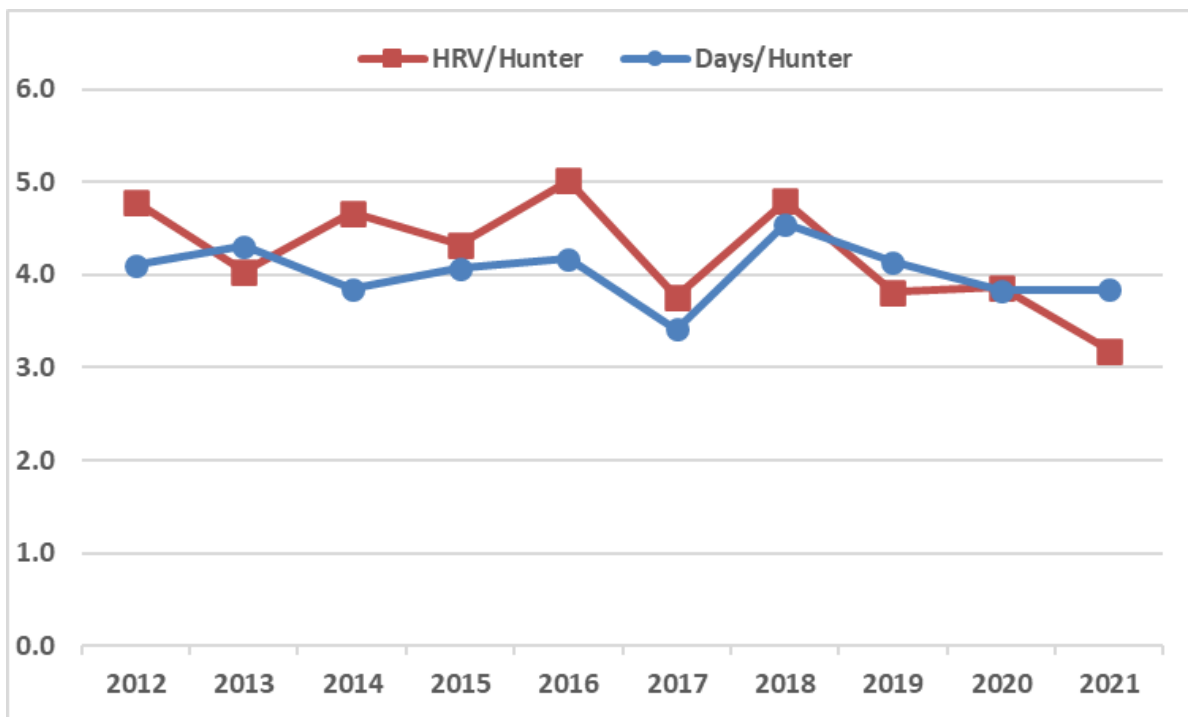
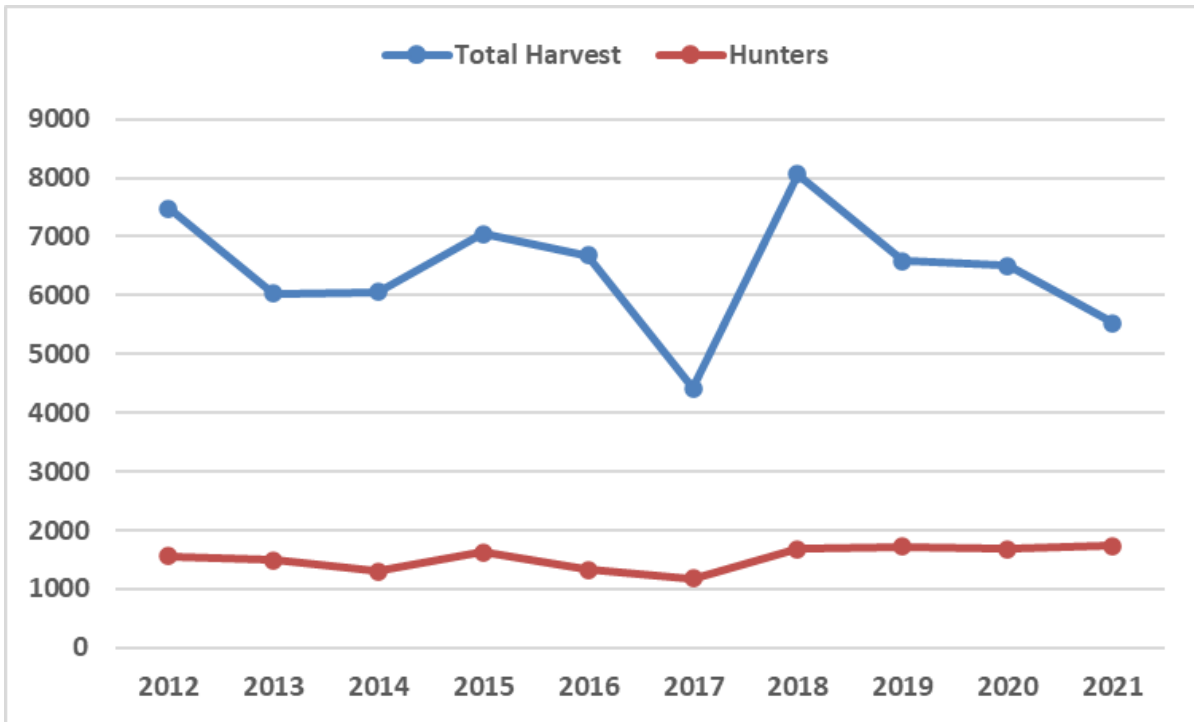


Figure 16. Top graph: Quail harvest and hunter numbers for District 2 from 2012-2021. Bottom graph: Quail harvest and days hunted per hunter for District 2 from 2012-2021.



## TURKEY

Opportunistic observations during fieldwork, public reports, and damage claims all indicate that the turkey population is doing well in GMUs 124–133 and stable in GMUs 136–142. Spring harvest and hunter numbers were at their highest point ever in 2021, an impressive rebound after the drop seen in 2020 due to the COVID partial season shutdown (Figure 17). However, in 2021 fall hunter numbers and harvest dropped significantly (Figure 17). Hunter effort in 2021 was 9 days/kill in spring and 13 days/kill in fall, for spring this equals the previous 5-year average of 9 days/kill. However, for fall this is about a 20% increase above the previous 5-year average of 9 days/kill. The drop in fall hunter numbers is likely tied to the severe drought that year and potentially associated with the large hemorrhagic disease outbreak in deer that kept many hunters out of the area. The increase in effort in the fall is also indicative that the drought had an impact on chick survival/recruitment.

GMU 124 has by far the most turkeys and the most turkey harvested (1310 on average for the past 5 years), but with this comes the most hunters (1441 in spring and 723 in fall on average for the past 5 years). GMUs 130 and 133 come in a distant second for turkey harvest (around 500 each on average) followed by GMU 127 (211 on average). GMUs 136, 139, and 142 have relatively few turkeys (less than 100 harvested in each) compared to these other units, but hunting can be very good in some areas within these GMUs.

Again, the district is predominantly private land and hunters will need to secure access. Access during the spring hunt can be competitive, but access should be easier to acquire in GMU 124 for the fall hen season, given the extensive turkey damage complaints the department has received from this area. Many private landowners have enrolled in WDFW Hunter Access programs recently in southeast Washington. See the Private Lands Program section below for access program acres by GMU, and the [Hunt Planner map](#) for mapped locations.

For more information on turkey harvest in Washington, see the [Turkey Game Harvest Statistics](#) and the most recent [Game Status and Trend Report](#).

For more information and tips on hunting turkey in Washington check out [“The Basics of Turkey Hunting In Washington”](#) publication from WDFW.

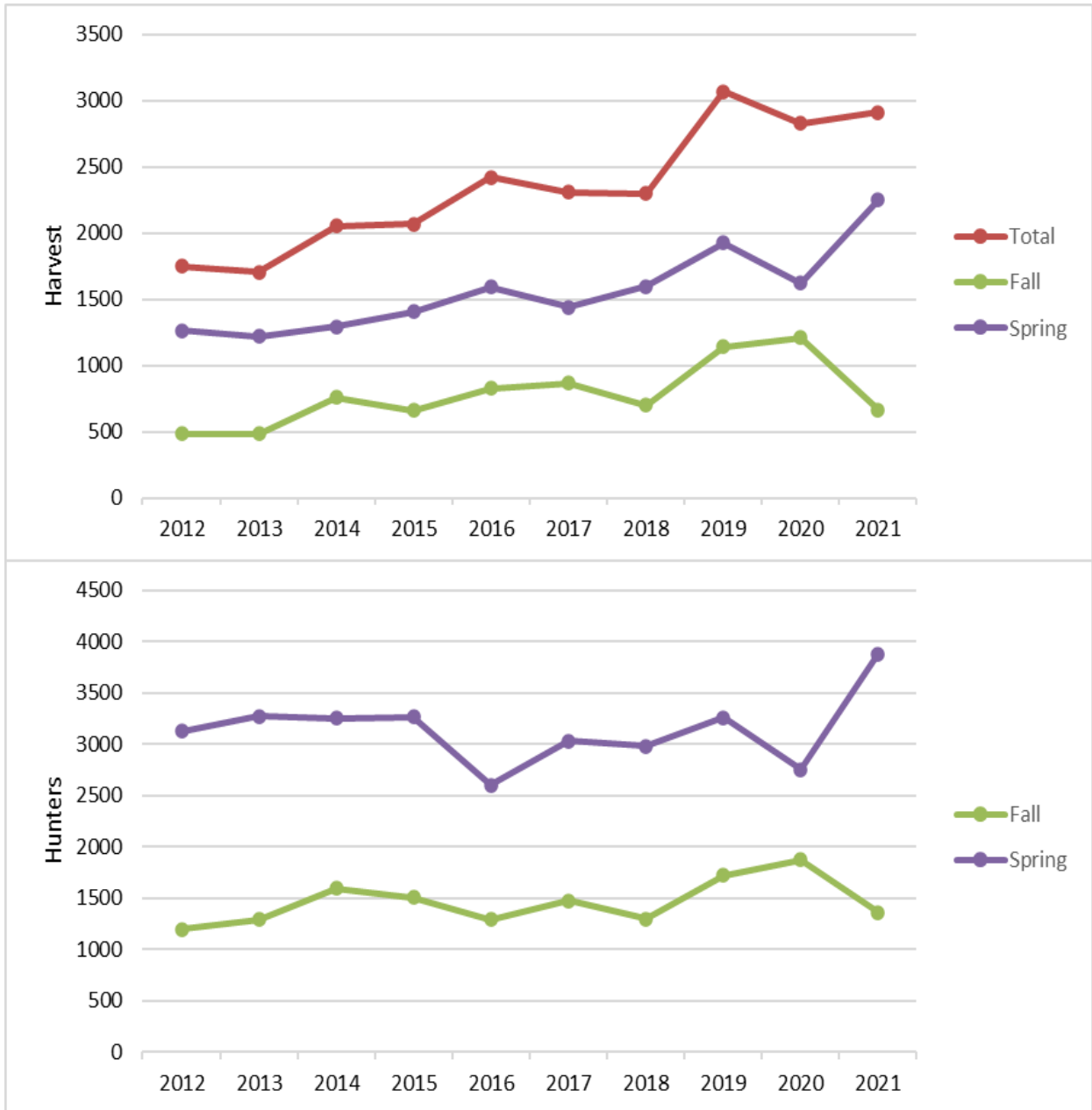


Figure 17. **Top graph:** Turkey harvest (spring, fall, & total) for District 2 for the past 10 years. **Bottom graph:** Turkey hunters (spring & fall) for District 2 for the past 10 years.

## DOVE

Doves in District 2 occur at low population densities relative to the Columbia Basin and similar regions. As often as not, cool temperatures just prior to or during the dove season push many doves further south out of the district. Hunter harvest metrics have been variable (Figure 18, top), but harvest averages about 3200 birds a year by about 400 hunters. Hunter effort (days per hunter) has not changed much over the past ten years, although harvest per hunter spiked in 2020, to 10 birds, then dropped to 4.6 in 2021, a new ten year low (Figure 18, bottom). It is important to note that eastside hunters have an additional dove opportunity – the Eurasian collared dove. This dove is an exotic dove that has invaded most of eastern Washington. It can be hunted and trapped with a license year-round. Eurasian collared doves are commonly found in and around towns and around grain elevators.

For more information on doves, see the Statewide Small Game Harvest Statistics: [Statewide and by County](#), and the most recent [Game Status and Trend Report](#).

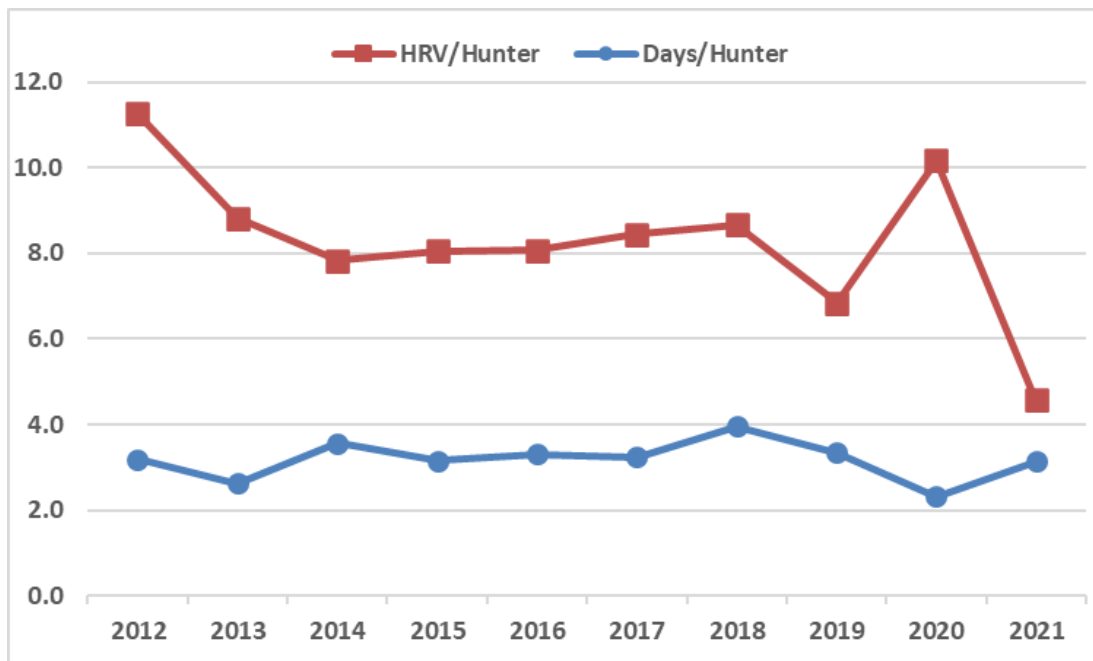
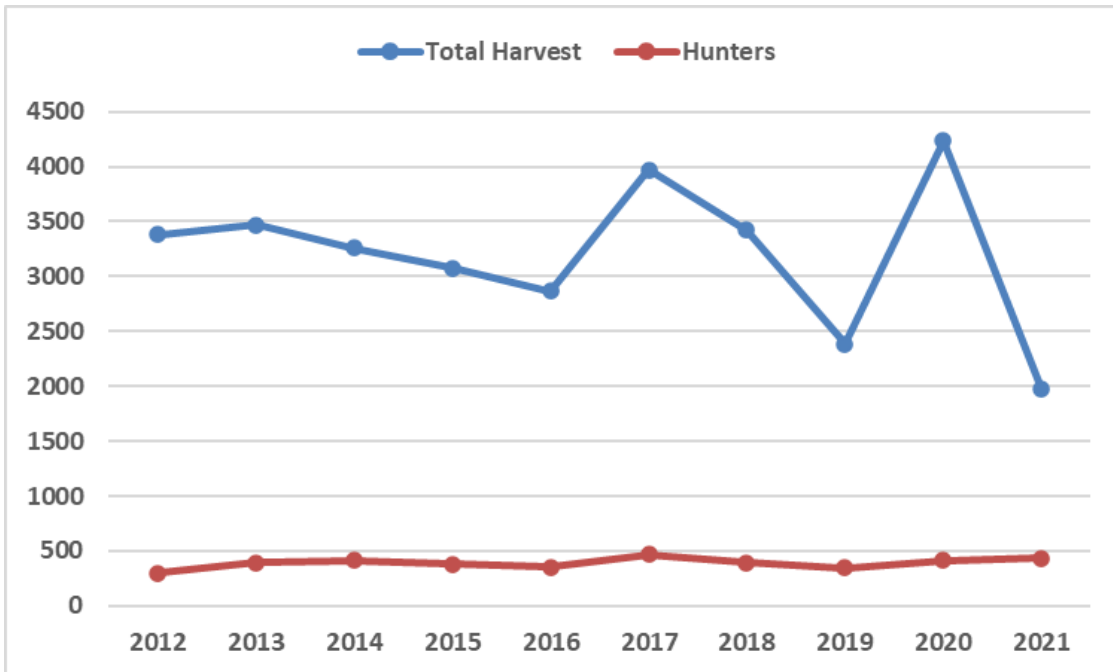


Figure 18. Top graph: Dove harvest and hunter numbers for District 2 from 2011–2020. Bottom graph: Dove harvest and days hunted per hunter for District 2 from 2011–2020.

## MAJOR PUBLIC LANDS

The majority of District 2 is privately owned. However, WDFW and BLM own about 60,000 acres in the center of Lincoln County and about 15,000 acres in northwest Whitman County. For more information on BLM property, or to order maps, please visit the [BLM](#) website. To hunt on WDFW Wildlife Areas, you will need to display a WDFW Vehicle Access Pass (free with hunting or fishing license purchase) or a Discover Pass. For more information on WDFW lands, see the [Wildlife Areas webpage](#).

The Washington Department of Natural Resources (DNR) maintains land open to the public for recreational purposes. Visitors to DNR land should be aware that a [Discover Pass](#) is required for access. Further information regarding recreational opportunities on DNR land can be found on the [DNR website](#).

The U.S. Army Corps of Engineers also maintains lands associated with the Snake River open to the public for recreational purposes. Not all of these lands are open to hunting, so hunters will want to research beforehand.

Turnbull National Wildlife Refuge (TNWR) has a limited entry youth waterfowl hunt (details available through [TNWR](#)) and allows elk hunting by permit only (permits allotted via WDFW special permit draw in June). TNWR is also in the [planning process of a fall turkey hunt](#) beginning in 2022. The hunt will be managed through WDFW's Hunting by Reservation Only program.

Riverside State Park and Mount Spokane State Park, along with all County Parks and Conservation Areas in Spokane County, are open to public access, but NOT to hunting.

Several private timber companies allow hunting in Spokane County. The largest of these is Inland Empire Paper (IEP), which does allow vehicular access but will close gates to full-sized vehicles once there has been enough rain to soften the roads (typically in late October or early November). IEP does charge an access fee, but it is reasonable and comes in daily and annual versions. For more information on [IEP and maps of their property](#) please visit their website. Hancock is another large timber company in Spokane County, and at this time has signed a MOU with WDFW to allow non-motorized access for free to hunters. WDFW Enforcement monitors their property. Please respect the agreement or this access could be lost. Hancock does not supply a map of their property; we recommend hunters use the Spokane County Assessor's online parcel map to identify Hancock ownership or invest in third-party software (e.g., OnX maps).

Throughout the district there are private landowners enrolled in WDFW hunt access programs (see Private Lands Program below and visit the [WDFW Private Lands Access](#) website).

## PRIVATE LANDS

Since 1948, WDFW has worked with private landowners across the state to provide public access through a negotiated agreement. Landowners participating in a WDFW cooperative agreement retain liability protection provided under RCW 4.24.210. Landowners receive technical services, materials for posting (signs and posts), and in some cases, monetary compensation. In addition, lands under the agreement are well known by WDFW Enforcement.

Currently, the private lands access program includes five basic access agreement types: Hunt by Written Permission (HBWP), Feel Free to Hunt (FFTH), Hunt by Reservation (HBR), Landowner Hunting Permit (LHP), and Register to Hunt (RTH). As of July 2022, the total accessible acreage in District 2 is over 146,000 acres. A breakdown of these acres by GMU and access program type are in Table 4. The LHP in GMU 130 is managed by the Columbia Plateau Wildlife Management Association (CPWMA). Access to the LHP is only available through WDFW special permitting and CPWMA raffle permit hunts (see WDFW's 2022 Big Game Hunting Seasons and Regulations pamphlet). More information on the other four access programs and where these enrolled lands occur can be found at WDFW's [Hunt Planner Webmap](#) and the [WDFW Private Lands Access](#) page.

Stimson and Hancock timber companies have traditionally had MOUs with WDFW to allow for **non-motorized** access for free to hunters, but please check with each company or WDFW to confirm these MOUs are still in place prior to hunting their properties. WDFW Enforcement monitors their properties and will ticket offenders. Please respect the non-motorized access agreement or this access could be lost.

Table 4. Acres of private land enrolled in WDFW access programs by GMU in District 2 as of July 2022.

Game Management Unit (GMU)	Hunt by Written Permission (HBWP)		Feel Free to Hunt (FFTH)		Hunt by Reservation (HBR)		Landowner Hunting Permit (LHP)		Register to Hunt (RTH)	
	Properties	Acres	Properties	Acres	Properties	Acres	Properties	Acres	Properties	Acres
124 Mt Spokane	3	932	Multiple Private Timber Parcels	~3000	2	370	0	0	0	0
127 Mica Peak	3	2,613			1	1,800	0	0	0	0
130 Cheney	2	4,678			0	0	1	2,878	0	0
133 Roosevelt	15	20,992	0	0	0	0	0	0	0	0
136 Harrington	14	17,268	6	5,509	0	0	0	0	0	0
139 Steptoe	16	13,063	5	4,801	36	29,574	0	0	0	0
142 Almota	13	17,241	1	336	21	24,067	0	0	0	0
<b>TOTAL</b>	<b>66</b>	<b>76,787</b>	<b>12</b>	<b>10,646</b>	<b>60</b>	<b>55,811</b>	<b>1</b>	<b>2,878</b>	<b>0</b>	<b>0</b>