



# SAGE-GROUSE

2024 HARVEST REPORT





Wyoming Game & Fish Department  
Department Headquarters  
5400 Bishop Blvd  
Cheyenne, Wyoming 82006  
307-777-4600  
[www.wgfd.wyo.gov](http://www.wgfd.wyo.gov)



Wyoming Survey & Analysis Center  
University of Wyoming  
1000 E University Ave, Dept 3925  
Laramie, Wyoming 82071  
307-766-2189  
[www.uwyo.edu/wysac](http://www.uwyo.edu/wysac)

## **Date**

February 26, 2025

## **Suggested Citation**

Wyoming Game and Fish Department and Wyoming Survey and Analysis Center. 2025. Sage-grouse 2024 harvest report. Wyoming Game and Fish Department, Cheyenne, WY.  
Available online: <https://wgfd.wyo.gov/hunting-trapping/harvest-reports-surveys>.

## **Correspondence**

For questions about hunting in Wyoming, call one of Wyoming Game and Fish Department's Regional Offices (contact info available online at <https://wgfd.wyo.gov/regional-information>), or contact our statewide Customer Service staff at [wgf-contact@wyo.gov](mailto:wgf-contact@wyo.gov) or (307) 777-4600.

## **Acknowledgements**

This report was completed through a partnership with the Wyoming Game and Fish Department and the Wyoming Survey and Analysis Center at the University of Wyoming. We also thank IC Security Printers for printing and mailing. As always, we are indebted to the many sportspersons who completed a survey questionnaire and shared valuable information about their hunting experience.

## **Executive Summary**

Each year the Wyoming Game and Fish Department (WGFD) surveys sage-grouse hunters to estimate harvest, hunter success, and hunter effort. This information helps the Department manage sage-grouse populations and plan next year's hunting seasons. The harvest statistics presented in this report were estimated based on 3,253 responses to a voluntary harvest survey and extrapolated to represent the 6,610 sage-grouse hunting permits issued for the 2024 sage-grouse hunting season. We estimate that 8,198 sage-grouse were harvested in Wyoming during the 2024 hunting season, excluding those harvested by falconry, which are covered in separate report.

TABLE I  
**SAGE-GROUSE**  
**HARVEST SUMMARY**  
 STATEWIDE  
 2024

RESIDENCY	VALID PERMITS	ACTIVE HUNTERS	TOTAL HARVEST	RECREATION DAYS	DAYS / HARVEST	HARVEST/HUNTER	HUNTER SUCCESS <sup>a</sup>
RESIDENT	4743	2873	5203	6583	1.3	1.8	63.5%
NONRESIDENT	1867	1348	2995	3178	1.1	2.2	76.8%
TOTAL	6610	4221	8198	9761	1.2	1.9	68.9%

<sup>a</sup> The proportion of active hunters that reported harvesting at least one bird.

TABLE II  
**SAGE-GROUSE**  
 TEN YEAR COMPARISON OF HARVEST AND EFFORT  
 STATEWIDE  
 2024

	RESIDENCY	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
VALID PERMITS	RESIDENT											4743
	NONRESIDENT											1867
	TOTAL											6610
ACTIVE HUNTERS	RESIDENT											2873
	NONRESIDENT											1348
	TOTAL	4299	4674	3576	4740	4049	2673	4991	6079	5366	4221	
TOTAL HARVEST	RESIDENT											5203
	NONRESIDENT											2995
	TOTAL	10498	10526	7817	10422	7615	5659	8457	11640	12323	8198	
RECREATION DAYS	RESIDENT											6583
	NONRESIDENT											3178
	TOTAL	10231	11476	8646	13092	9473	8744	14465	16467	14587	9761	
DAYS / HARVEST	RESIDENT											1.3
	NONRESIDENT											1.1
	TOTAL	1.0	1.1	1.1	1.3	1.2	1.5	1.7	1.4	1.2	1.2	
HARVEST/HUNTER	RESIDENT											1.8
	NONRESIDENT											2.2
	TOTAL	2.4	2.3	2.2	2.2	1.9	2.1	1.7	1.9	2.3	1.9	
HUNTER SUCCESS <sup>a</sup> (HARVEST / ACTIVE HUNTERS)	RESIDENT											63.5%
	NONRESIDENT											76.8%
	TOTAL											68.9%

<sup>0</sup> Initial year of comparison for most metrics was 2024.

<sup>a</sup> The proportion of active hunters that reported harvesting at least one bird.

TABLE III  
**SAGE-GROUSE**  
 HARVEST, HUNTING PRESSURE, HUNTER  
 SUCCESS BY MANAGEMENT AREA  
 2024

MANAGEMENT AREA	RESIDENCY	ACTIVE HUNTERS	TOTAL HARVEST	RECREATION DAYS	DAYS / HARVEST	HARVEST/HUNTER	HUNTER SUCCESS <sup>a</sup>
A-UPPER SNAKE RIVER BASIN							
NO HARVEST ESTIMATE - ALMOST ENTIRELY CLOSED TO HUNTING							
<hr/>							
B - BIGHORN BASIN	RESIDENT	445	667	1037	1.6	1.5	56.9%
	NONRESIDENT	133	257	305	1.2	1.9	65.5%
	TOTAL	578	924	1342	1.5	1.6	59.5%
<hr/>							
C - NORTHEAST	RESIDENT	21	41	37	0.9	2.0	88.9%
	NONRESIDENT	16	30	30	1	1.9	90.0%
	TOTAL	37	71	67	0.9	1.9	89.5%
<hr/>							
D - UPPER GREEN RIVER	RESIDENT	416	644	959	1.5	1.5	57.1%
	NONRESIDENT	146	286	356	1.2	2.0	79.3%
	TOTAL	562	930	1315	1.4	1.7	64.6%
<hr/>							
E - WIND RIVER / SWEETWATER RIVER	RESIDENT	530	1076	1098	1	2.0	70.3%
	NONRESIDENT	195	430	467	1.1	2.2	78.9%
	TOTAL	725	1506	1565	1	2.1	73.2%
<hr/>							
F - BATES HOLE	RESIDENT	352	523	623	1.2	1.5	56.5%
	NONRESIDENT	154	354	352	1	2.3	82.5%
	TOTAL	506	877	975	1.1	1.7	66.5%
<hr/>							
G - SOUTHWEST	RESIDENT	916	1720	2105	1.2	1.9	64.6%
	NONRESIDENT	579	1305	1238	0.9	2.3	75.6%
	TOTAL	1495	3025	3343	1.1	2.0	69.8%
<hr/>							
H - SOUTH CENTRAL	RESIDENT	324	532	724	1.4	1.6	59.2%
	NONRESIDENT	171	333	430	1.3	1.9	69.4%
	TOTAL	495	865	1154	1.3	1.7	63.6%

<sup>a</sup> The proportion of active hunters that reported harvesting at least one bird.

TABLE IV  
**SAGE-GROUSE**  
 LICENSE DATA SUMMARY  
 STATEWIDE  
 2024

RESIDENCY	VALID PERMITS	NUMBER SURVEYED	RESPONSES	SURVEY RESPONSE RATE (RESPONSES / SURVEYED)	TOTAL RESPONSE RATE (RESPONSES / PERMITS)
RESIDENT	4743	4644	2077	44.7%	43.8%
NONRESIDENT	1867	1841	1176	63.9%	63.0%
TOTAL	6610	6485	3253	50.2%	49.2%