



2008-2014
**PARTICIPATION IN HUNTING
AND ANGLING IN WYOMING**



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JANUARY 2016



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Executive Summary

The Wyoming Game and Fish Department (WGFD) implemented an Electronic Licensing Service (ELS) in 2008 that allows program managers to track activities of licensees over time from a recruitment, retention and reactivation perspective. Mail-in applications continued to be accepted through 2013 to aid in the transition of applying for licenses on paper versus online. The ELS has been used exclusively since 2014.

Information for this report was compiled from queries run on licensing data to address unique annual participation rates for Wyoming resident anglers and hunters from 2008 to 2014. The participation rate is defined as “the percent of the population that is licensed for an activity on an annual basis. “Licenses are required for anglers ages 14 and up and big/trophy game hunters ages 12 and up. Small game/game bird and furbearer/trapping licenses are required for all participants, regardless of age. The U.S. Census data used for this report includes all ages.

The ELS captures information for each participant such as age, gender, residence, and the activities for which each they are licensed. These activities include but are not limited to: fishing, big game, small game/game bird, trophy game, and furbearing/trapping. All license-holders are assigned a Sportsperson’s Identification number (SPID). However, a SPID may be assigned without a license purchase, such as during participation in department education, recruitment, retention and reactivation programs.

Wyoming offers four categories of lifetime licenses that are not conducive to tracking annual participation rates. Lifetime, Pioneer, Pioneer Veteran and Disabled Veteran licenses are issued for angling and game bird/small game privileges. Individuals are counted as annual participants the year they purchase a lifetime license, but are only recorded again if they purchase a big game or trophy game license. There is currently not a mechanism in place to determine if participants that hold one of these licenses fish or hunt in a given year. About 8% of Wyoming residents, for a total of 44,629 individuals, take advantage of these special licenses. As of January 1, 2015, of the special license holders, 44,355 have fishing privileges and 36,383 have game bird/small game privileges.

Some highlights from this report include:

- The highest resident participation rate for both hunting and fishing continues to be in the 25- to 34-year-old age cohort.
- The annual averages over the seven year period are 101,768 resident anglers and 76,506 resident hunters. Comparing the number of hunters and anglers with census data reveals that on average 18% of Wyoming’s population held a resident annual fishing license and 14% held a hunting license.
- Retention rates show that Wyoming has approximately 60% return of anglers and 74% return of hunters from year to year.

Other topics of interest related to the characteristics of anglers and hunters, such as multiple license buyers, license-buyers by species, license-buyers by license type and method of take, etc. may be investigated in the future as needed. Wyoming does not offer combination licenses (primary license-holder and spouse) or family licenses.

Statewide License Purchases

Resident and nonresident angler and hunter participation has remained relatively stable in Wyoming. From 2008-2014 there was an annual average of 101,768 resident and 105,356 nonresident anglers (includes both daily and annual license holders); and 76,506 resident and 57,943 nonresident hunters (Figures 1 and 2).

There are 7,250 nonresident, full-price elk licenses available for the draw on an annual basis. From 2008 to 2014, the available quota for nonresident, full-price antelope and deer licenses declined by 27% and 36% respectively due to long-term effects of drought and other environmental factors. Leftover licenses from the nonresident draw become available to both residents and nonresidents and can be purchased over-the-counter and online until the quota is met or the season closes.

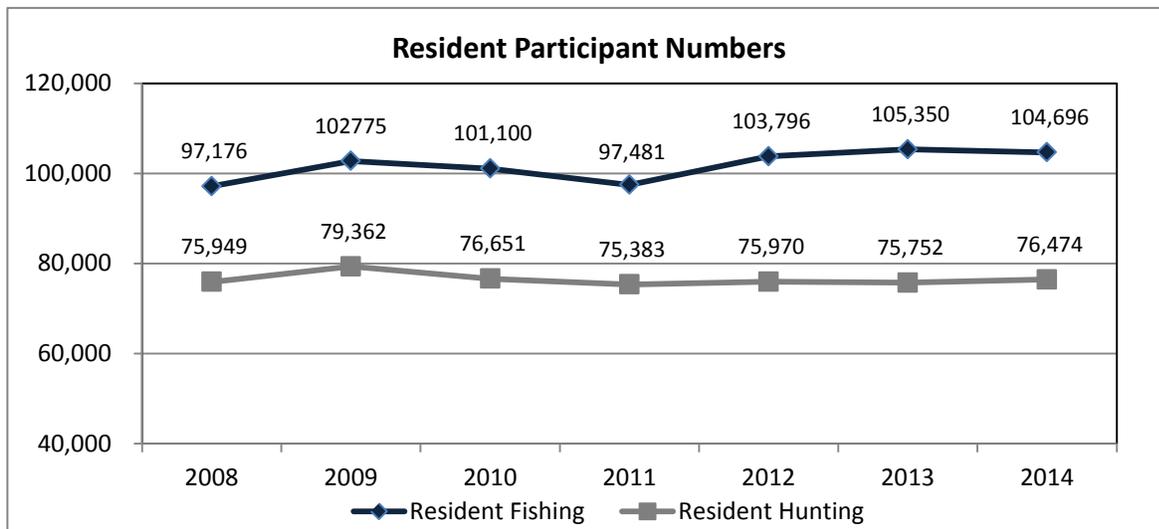


Figure 1. Resident license holders for hunting and fishing, 2008-2014.

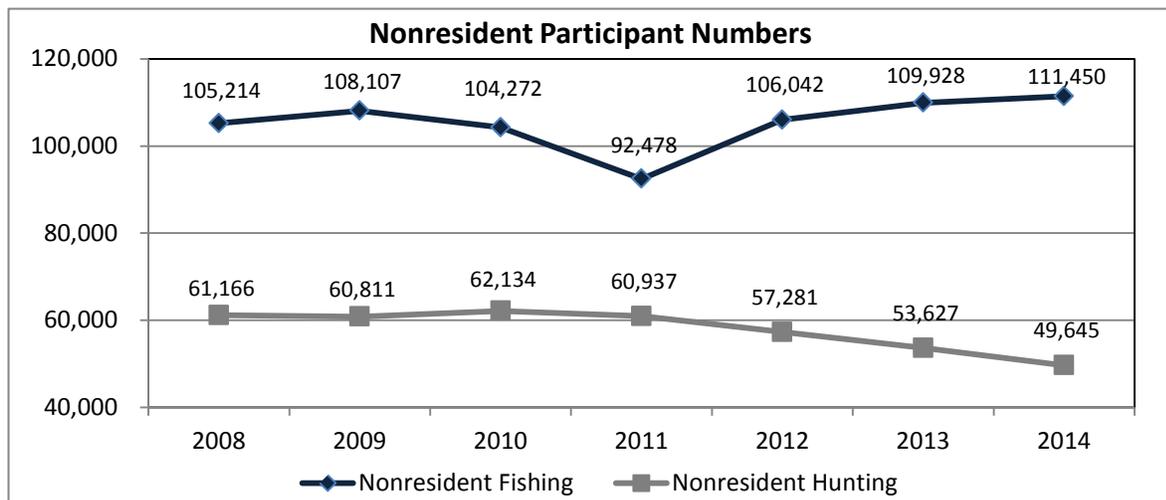


Figure 2. Nonresident license holders for hunting and fishing; 2008-2014.

Statewide Resident License Purchases

As of January 1, 2015 approximately 8% of residents took advantage of the lifetime, pioneer, pioneer veteran and disabled veteran license types (ten different product types are available within those license types). They are only recorded as participants once, the year they purchased the license, so are not included in the trends. The individual may show up in the ELS again if they purchase a big game or trophy game license. The percent of resident anglers and hunters, relative to the total population of Wyoming, ranges between 13% and 18% (Figures 3 and 4).

License data were combined to determine how many individuals had purchased both fishing and hunting licenses. This demonstrated that in the past seven years, only around 25% of Wyoming's population had purchased either a hunting or fishing license (Figure 5).

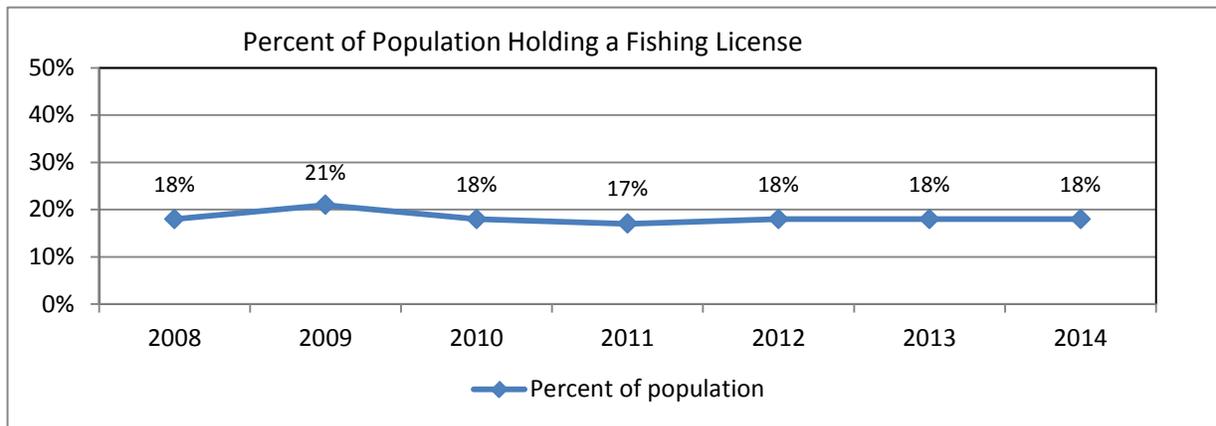


Figure 3. Percent of Wyoming population, aged 14 and over, that held a fishing license.

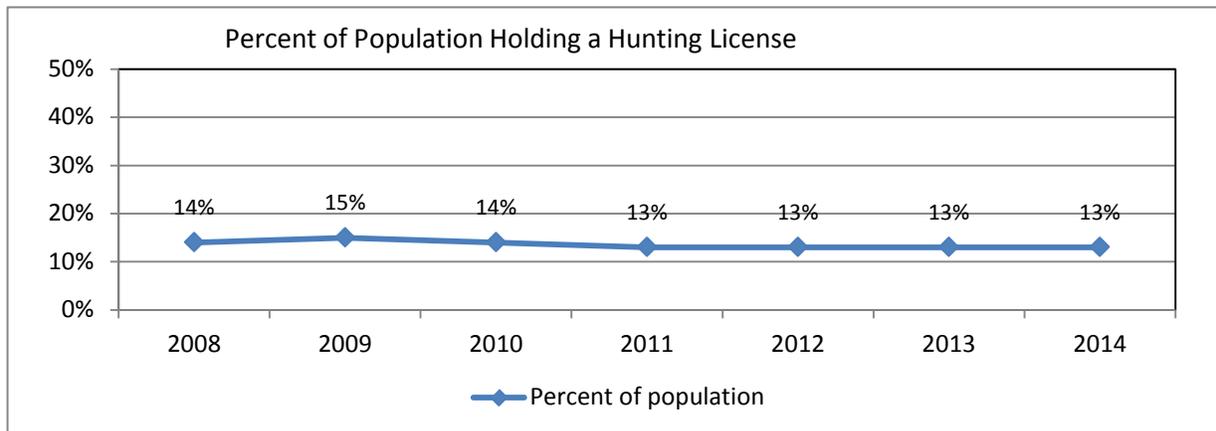


Figure 4. Percent of Wyoming population, aged 12 and over, that held a hunting license.

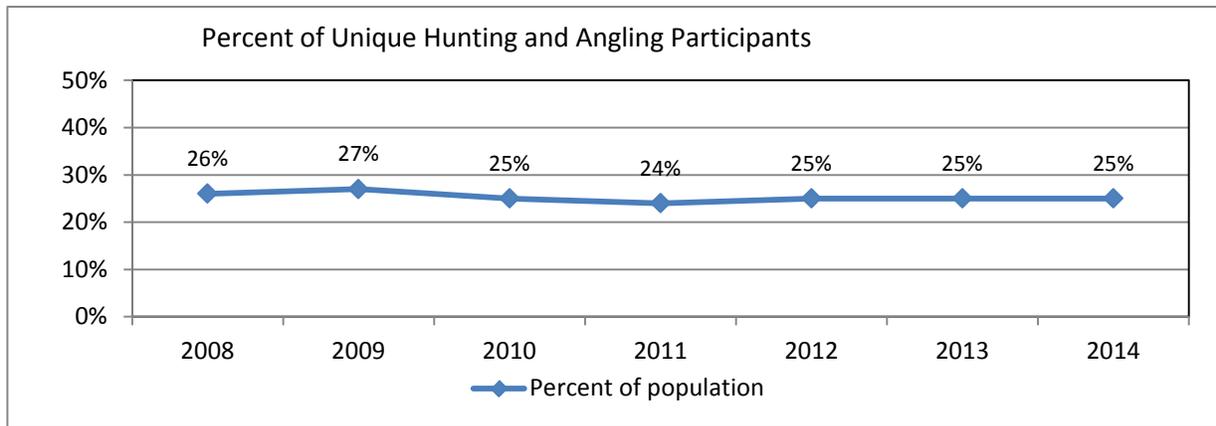


Figure 5. Percent of unique hunting and angling annual participants all ages.

Statewide Resident License Purchases by Age and Gender

Licenses are required for anglers 14-years and up and hunters 12-years and up. There are currently no minimum age requirements for small game, game bird, or furbearer/trapping licenses. The largest percentage of participation for both hunting and fishing is among 25-34 year olds. With the exception of individuals over 65 years of age, only about a quarter of Wyoming’s population in each age category fished and less than 25% of residents in each category hunted. There is a significant drop in license sales among people over 65 years of age. Data for residents licensed to hunt and fish by age and gender (Appendix A) show that less than half as many females fish than males; and less than one fourth as many females hunt than males.

Wyoming census data was compared to WGFD resident license age distribution to ascertain if any age cohort is under or over represented; and whether the license age groups are representative of the distribution of ages found in Wyoming (Appendix B). The graphs in Appendix B represent the census of all of Wyoming’s population by year (percentage of this age cohort) compared to all the licenses issued for a specific license type (percentage of those licenses that were sold to this specific age bracket).

The comparisons show that ages 65+ are under-represented across all WGFD license types. All other ages are over-represented across all WGFD license types except for 18-24 year-old hunters and the youngest (0-11 years) in the trappers/furbearers and small game/upland birds license types.

Tables 1-5 break down the type of license issued by age bracket. Twenty-five to thirty-four year-olds have the highest licensing rates across all types. Residents over 65 years of age purchase the least number of licenses overall. However, the number of licenses purchased in this age bracket has been increasing in all types except trophy game.

Table 1. Wyoming Residents Licensed to Fish by Age.

	2008	2009	2010	2011	2012	2013	2014
Ages 12-17	6,328	6,978	6,685	6,361	6,774	7,269	7,378
Ages 18-24	12,638	14,228	12,684	12,210	13,284	13,619	13,470
Ages 25-34	20,703	24,941	22,311	21,840	23,170	23,797	23,777
Ages 35-44	17,477	20,578	17,705	17,361	18,610	19,111	19,268

Ages 45-54	19,867	23,840	19,816	18,300	18,741	18,220	17,386
Ages 55-64	14,910	18,371	16,692	16,263	17,344	17,341	17,329
Ages 65+	4,947	5,602	5,188	5,119	5,875	6,000	6,085
Total	96,870	114,538	101,081	97,454	103,798	105,357	104,693

Table 2. Wyoming Residents Licensed to Hunt Big Game by Age.

	2008	2009	2010	2011	2012	2013	2014
Ages 14-44	39,527	39,929	40,202	39,501	39,652	39,766	40,318
Ages 45+	29,786	30,502	30,369	30,108	29,813	29,546	29,708
Ages 12-17	7,162	7,242	7,502	7,528	7,653	7,677	7,859
Ages 18-24	7,396	7,265	7,070	6,673	6,642	6,525	6,646
Ages 25-34	13,094	13,566	13,834	13,560	13,512	13,599	13,674
Ages 35-44	11,875	11,856	11,796	11,740	11,845	11,965	12,139
Ages 45-54	14,103	14,023	13,436	12,645	12,086	11,593	11,257
Ages 55-64	10,182	10,678	11,002	11,234	11,211	11,176	11,231
Ages 65+	5,501	5,801	5,931	6,229	6,516	6,777	7,220

Table 3. Wyoming Residents Licensed to Hunt Trophy Game by Age.

	2008	2009	2010	2011	2012	2013	2014
Ages 12-44	2,337	2,409	2,561	2,704	4,495	3,553	3,267
Ages 45+	1,779	1,839	1,961	2,010	3,830	2,864	2,593
Ages 12-17	146	137	191	197	336	241	231
Ages 18-24	337	334	289	329	551	422	396
Ages 25-34	991	1,053	1,102	1,139	1,870	1,482	1,337
Ages 35-44	863	885	979	1,041	1,738	1,408	1,303
Ages 45-54	990	1,016	1,026	1,018	1,681	1,292	1,137
Ages 55-64	584	592	667	696	1,517	1,123	1,006
Ages 65+	205	231	268	296	632	449	450

Table 4. Wyoming Residents Licensed to Hunt Game Birds/Small Game by Age.

	2008	2009	2010	2011	2012	2013	2014
Ages 12-44	9,611	14,355	9,721	9,560	10,109	10,425	10,939
Ages 45+	8,456	11,837	8,478	7,987	8,112	7,837	7,849
Ages 0-11	16	23	16	59	73	81	85
Ages 12-17	1,283	1,578	1,226	1,396	1,579	1,633	1,773
Ages 18-24	1,933	2,813	1,838	1,743	1,887	1,961	2,018
Ages 25-34	3,232	5,244	3,549	3,395	3,530	3,620	3,872
Ages 35-44	3,163	4,720	3,108	3,781	3,700	3,211	3,275
Ages 45-54	4,128	4,819	3,781	3,375	3,334	3,167	3,125
Ages 55-64	3,381	4,819	3,700	3,628	3,703	3,554	3,529
Ages 65+	947	1,134	997	984	1,075	1,116	1,195

Table 5. Wyoming Residents Licensed for Furbearing/Trapping by Age.

	2008	2009	2010	2011	2012	2013	2014
Overall (0+)	1,777	1,856	1,827	1,890	2,287	2,511	2,348
Ages 0-16	91	112	127	97	148	181	140
Ages 17-24	180	163	144	138	174	193	172
Ages 25-34	417	422	432	436	527	571	532
Ages 35-44	348	365	359	390	472	520	466
Ages 45-54	425	439	389	406	437	451	423
Ages 55-64	216	251	281	307	379	408	421
Ages 65+	100	104	95	116	150	187	194

Statewide Resident License Purchases by Zip Code

Information from the U.S. Bureau of the Census, U.S. Postal Service, and WGFD ELS was combined to derive spatial and non-spatial datasets to describe Wyoming resident fishing and hunting license sales for the years 2011-2014 (Appendix C). The U.S. Census data were processed to estimate the population in each ZIP code. Sales data for resident fishing and hunting licenses were tabulated to produce a record for each customer and license type (both annual and daily for fishing), then assigned to a ZIP code polygon with standard database joins and geo-processing techniques.

The percentage of angling participation in some of Wyoming's largest population centers was on par with participation rates statewide. For example, about 14% of the population in the Cheyenne ZIP codes and about 20% of the population in the Casper ZIP codes purchased a fishing license in 2011, 2012, 2013 and 2014.

Areas on the map that show greater than 50% participation in angling and hunting are some of the lower populated areas in the state, and do not necessarily reflect a greater number of participants than those areas with lower percentages of participation. For example, in 2012, 208 of the 360 people listing Farson as their home address purchased a fishing license, resulting in a 57% participation rate.

Statewide Resident License Purchases by County

License purchases were tracked by county of residence and compared to county census estimates to determine what percentage of the county populations purchased fishing and hunting licenses (Appendix D). Washakie County saw notable increases from 2012 to 2014: Fishing license purchases went up from 13% to 19%, and hunting license purchases increased from 9% to 16%. Sublette County had the highest occurrence of both fishing (24%) and hunting (22%) licenses purchased.

The county with the smallest population, Niobrara, also had the least participation at 10%. Goshen County had the next smallest participation rate at 12%. Albany and Laramie Counties, which have higher population centers, had the third smallest participation rates at 13%. The highest percentages of fishing license purchases occurred in Sublette (24%) and Park (22%) Counties.

The largest population centers had the lowest participation. Laramie County had the smallest hunting license purchase rate at 7% followed by Albany County at 9%. Natrona and Teton Counties (10%), Goshen County (11%), and Campbell County (12%) were also relatively low. Crook County (21%) was second highest to Sublette County.

Participation Rates for Resident Anglers and Hunters

The ELS allows tracking individual participation over time. An angler is defined as an annual participant in fishing and is counted only once. A hunter is defined as an annual participant in one or more of the following license types: big game, trophy game, game birds/small game, and furbearing/trapping.

A new customer is a license holder considered new to the ELS. The ELS was implemented in 2008. Therefore, the assumption is made that every customer in 2008 is new and in 2009 is either new or renewed (bought a license the previous year). A relicensed customer is one who lapsed for at least a year before purchasing a license again.

Participation rates are expected to normalize and trends are expected to become more apparent the longer the ELS system is in place. It appears that angler rates are normalizing, whereas hunter rates may take a few more years. The average rate of resident anglers lapsing for a year or more and relicensing is 15%, compared with 10% of resident hunters (Tables 6 and 7). Percentages reflect all participants who did not buy a license in the previous year, but bought a license sometime within 2008-2014.

Table 6. Yearly breakdown of resident annual licensed anglers, who are 14 years of age or older.

License Year	Total Customers	New Customers	% New	Renewal Customers	Percentage Renewal	Relicensed Customers	Percentage Relicensed
2008	97,176	97,176	100%				
2009	102,775	45,968	44.73%	56,807	55.27%		
2010	101,100	31,114	30.78%	61,274	60.61%	8,712	8.62%
2011	97,481	24,500	25.13%	60,226	61.78%	12,755	13.08%
2012	103,796	24,308	23.42%	61,800	59.54%	17,688	17.04%
2013	105,350	23,061	21.89%	64,738	61.45%	17,551	16.66%
2014	104,696	21,434	20.47%	65,038	62.12%	18,224	17.41%

Table 7. Yearly breakdown of resident licensed hunters, who are 12 years of age or older.

License Year	Total Customers	New Customers	% New	Renewal Customers	Percentage Renewal	Relicensed Customers	Percentage Relicensed
2008	75,949	75,949	100%				
2009	79,362	22,810	28.74%	56,552	71.26%		
2010	76,651	14,365	18.74%	57,530	75.05%	4,756	6.20%
2011	75,382	11,588	15.37%	56,908	75.49%	6,886	9.13%
2012	75,970	11,001	14.48%	56,513	74.39%	8,456	11.13%
2013	75,751	10,415	13.75%	56,540	74.64%	8,796	11.61%
2014	76,474	9,945	13.00%	56,782	74.25%	9,747	12.75%

Relicensing Rates for Resident Anglers and Hunters

A 3-year window was examined to determine how many Year 1 license holders did not buy a license in year 2 but then did purchase a license in Year 3. The average relicensing rate is 9.4% for anglers and 6.7% for hunters (Tables 8 and 9).

Table 8. Resident annual fishing license holders that relicense after skipping one year, 2008-2014.

Analysis Period	Year 1 Total	Year 2 Not Renewed	Year 3 Relicensed	Relicensed Rate
2008,2009,2010	97,176	40,369	8,712	8.97%
2009,2010,2011	102,775	41,501	9,236	8.99%
2010,2011,2012	101,100	40,874	10,620	10.50%
2011,2012,2013	97,481	35,681	9,039	9.27%
2012,2013,2014	103,796	39,058	9,550	9.20%

Table 9. Resident hunting license holders that relicense after skipping one year, 2008-2014.

Analysis Period	Year 1 Total	Year 2 Not Renewed	Year 3 Relicensed	Relicensed Rate
2008,2009,2010	75,949	19,397	4,756	6.26%
2009,2010,2011	79,362	21,832	5,170	6.51%
2010,2011,2012	76,651	19,743	5,285	6.89%
2011,2012,2013	75,382	18,869	5,110	6.78%
2012,2013,2014	75,970	19,430	5,368	7.07%

Participation and Age Distribution of “New” Resident Anglers and Hunters

A major portion of the total licensed fishing and hunting population participated in a year previous to the current one leading to high retention and low relicensing rates (Table 10). In 2014, 62% of annual resident anglers and 74% of annual resident hunters also participated in 2013. There were few anglers and hunters that last participated five or more years ago, according to the seven years of data currently available.

A “new” participant is new to ELS and not in the system from 2008 to 2013. New resident annual participants in 2014 account for 20% of anglers and 13% of hunters. Of the new participants, 60% of anglers are aged 14-34, and 62% of hunters are aged 12-34. Over ¼ of new hunters are 12-17 years of age. One fourth of new anglers are 25-34 years of age (Table 11).

Table 10. Year last fished (age 12+) and hunted (age 14+) for residents licensed in 2014.

Last Fished	Total	Percent	Last Hunted	Total	Percent
2013	65,038	62%	2013	56,782	74%
2012	9,550	9%	2012	5,368	7%
2011	3,726	4%	2011	2,040	3%
% 2010	2,371	2%	2010	1,067	1%
2009	1,595	2%	2009	799	1%
2008	982	1%	2008	473	1%
2014 new to ELS	21,434	20%	2014 new to ELS	9,945	13%
Total		100%	Total		100%

Table 11. Ages of 2014 resident annual anglers and hunters that is new to the ELS.

Age Grouping	Total Anglers	Percentage	Age Grouping	Total Hunters	Percentage
Ages 14-17	3,986	19%	Ages 12-17	2,641	27%
Ages 18-24	3,442	16%	Ages 18-24	1,180	12%
Ages 25-34	5,375	25%	Ages 25-34	2,316	23%
Ages 35-44	3,250	15%	Ages 35-44	1,412	14%
Ages 45-54	2,533	12%	Ages 45-54	1,072	11%
Ages 55-64	2,054	10%	Ages 55-64	843	8%
Ages 65+	794	4%	Ages 65+	481	5%
Total	9,945	101%	Total	9,945	100%

Retention Rates for Resident Anglers and Hunters

Retention rates are higher for hunters than anglers. On average, 75% of resident hunters renew the following year (Table 12), compared with 62% of resident anglers (Table 13).

Table 12. Year-to-year retention of resident annual licensed anglers, who are 14 years of age or older.

Renewal Period	First Year Amount	Second Year Amount	Amount Renewed	Renewal Rate
2008-2009	97,176	102,775	56,807	58.46%
2009-2010	102,775	101,100	61,274	59.62%
2010-2011	101,100	97,481	60,226	59.57%
2011-2012	97,481	103,796	61,800	63.40%
2012-2013	103,796	105,350	64,738	62.37%
2013-2014	105,350	104,696	65,038	61.74%

Table 13. Year-to-year retention of resident licensed hunters, who are 12 years of age or older.

Renewal Period	First Year Amount	Second Year Amount	Amount Renewed	Renewal Rate
2008-2009	75,949	79,362	56,552	74.46%
2009-2010	79,362	76,651	57,530	72.49%
2010-2011	76,651	75,382	56,908	74.24%
2011-2012	75,382	75,970	56,513	74.97%
2012-2013	75,970	75,751	56,540	74.42%
2013-2014	75,751	76,474	56,782	74.96%

Appendix A Wyoming Resident Anglers and Hunters by Age and Gender

Table A1. Wyoming residents licensed to fish by age and gender, 2008-2014.

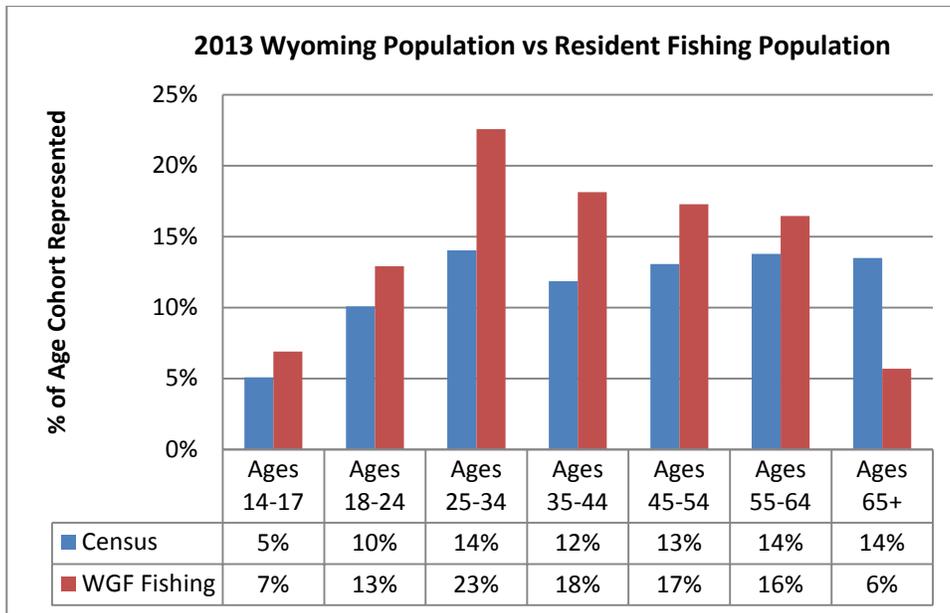
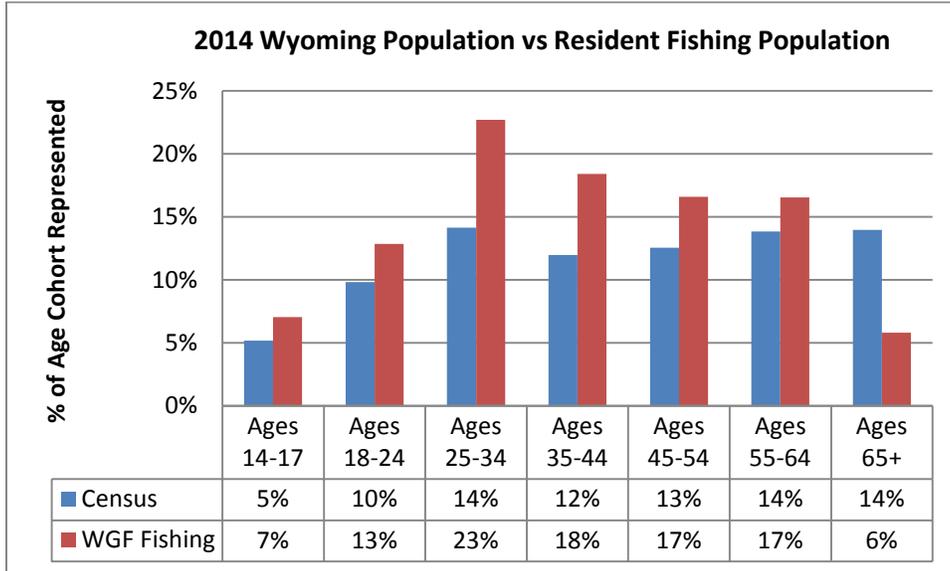
	2008		2009		2010		2011		2012		2013		2014	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Ages 12-17	1,638	4,701	1,768	4,888	1,829	4,858	1,776	4,588	1,887	4,887	2,062	5,206	2,194	5,184
Ages 18-24	3,940	8,715	3,957	9,076	4,008	8,672	3,889	8,325	4,272	9,004	4,601	9,013	4,690	8,780
Ages 25-34	6,056	14,703	6,489	15,838	6,635	15,676	6,572	15,276	7,168	15,998	7,656	16,138	7,871	15,906
Ages 35-44	4,832	12,692	5,072	13,286	4,921	12,785	4,844	12,517	5,276	13,332	5,617	13,489	5,784	13,484
Ages 45-54	5,599	14,326	5,923	14,862	5,644	14,172	5,318	12,982	5,523	13,215	5,583	12,633	5,275	12,111
Ages 55-64	3,748	11,191	4,052	12,231	4,186	12,507	4,083	12,180	4,415	12,929	4,582	12,757	4,679	12,650
Ages 65+	916	4,020	988	4,300	975	4,211	935	4,184	1,151	4,722	1,221	4,778	1,226	4,859
Total	26,729	70,348	28,249	74,481	28,198	72,881	27,417	70,052	29,692	74,087	31,322	74,014	31,719	72,974
Grand Total	97,077		102,730		101,079		97,469		103,779		105,336		104,693	

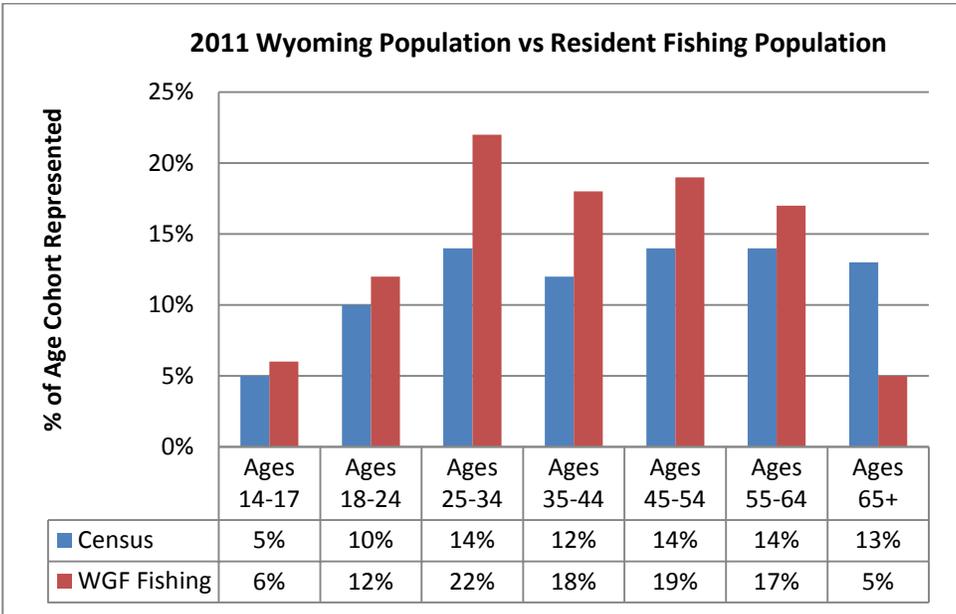
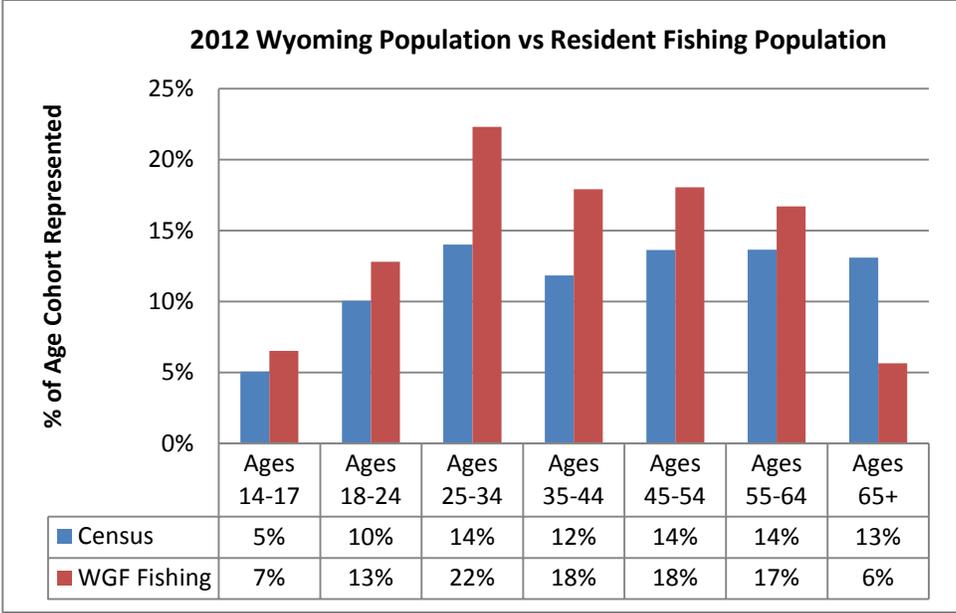
Table A2. Wyoming residents licensed to hunt by age and gender, 2008-2014.

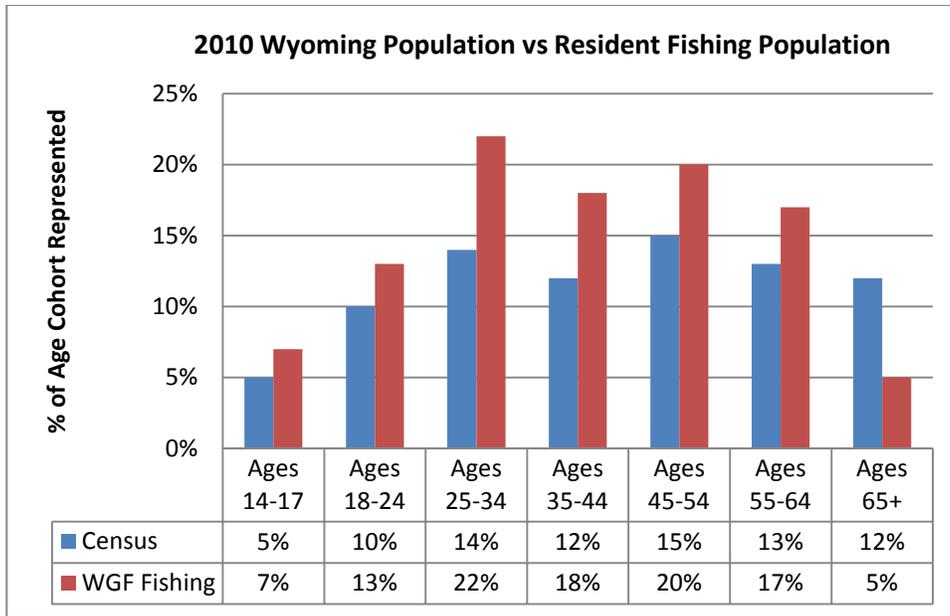
	2008		2009		2010		2011		2012		2013		2014	
	Female	Male												
Ages 14-17	1,516	6,154	1,595	6,169	1,694	6,192	1,783	6,137	1,908	6,206	1,985	6,222	2,181	6,179
Ages 18-24	1,332	6,887	1,433	6,990	1,497	6,294	1,444	5,942	1,479	5,947	1,559	5,772	1,650	5,790
Ages 25-34	2,338	11,883	2,599	12,762	2,684	12,249	2,642	11,987	2,797	11,889	2,938	11,875	3,052	11,865
Ages 35-44	1,911	10,987	1,964	11,278	1,917	10,799	1,912	10,669	1,967	10,868	2,000	10,942	2,147	11,026
Ages 45-54	2,236	13,279	2,284	13,653	2,154	12,483	2,067	11,664	2,009	11,234	1,972	10,728	1,874	10,420
Ages 55-64	1,376	10,073	1,425	10,909	1,445	10,850	1,489	10,970	1,526	11,087	1,529	10,913	1,561	10,964
Ages 65+	490	5,470	535	5,762	572	5,812	602	6,071	592	6,459	629	6,684	662	7,103
Total	11,199	64,733	11,835	67,523	11,963	64,679	11,939	63,440	12,278	63,690	12,612	63,136	13,127	63,347
Grand Total	75,932		79,358		76,642		75,379		75,968		75,748		76,474	

Appendix B Wyoming Population Compared to Fishing and Hunting License Holders

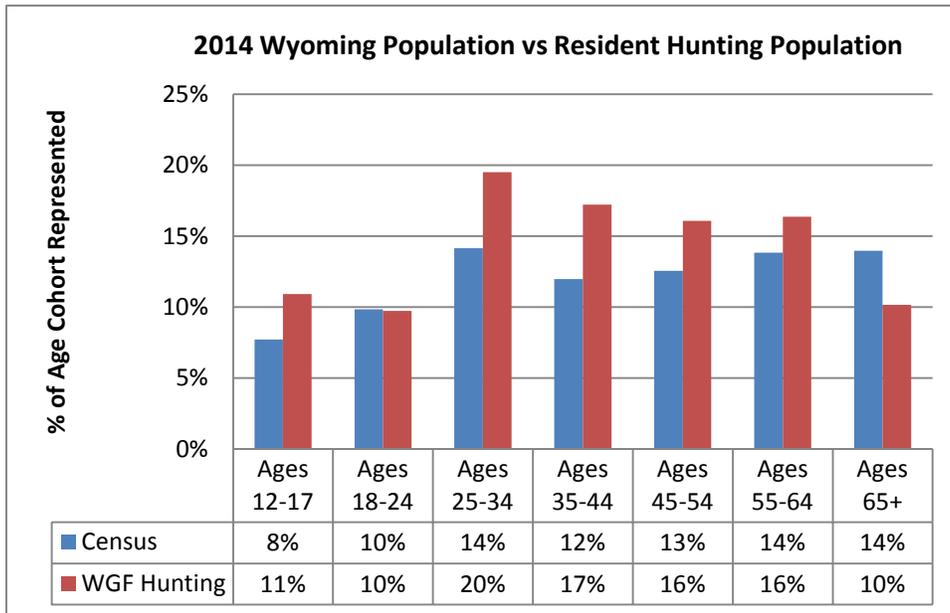
FISHING

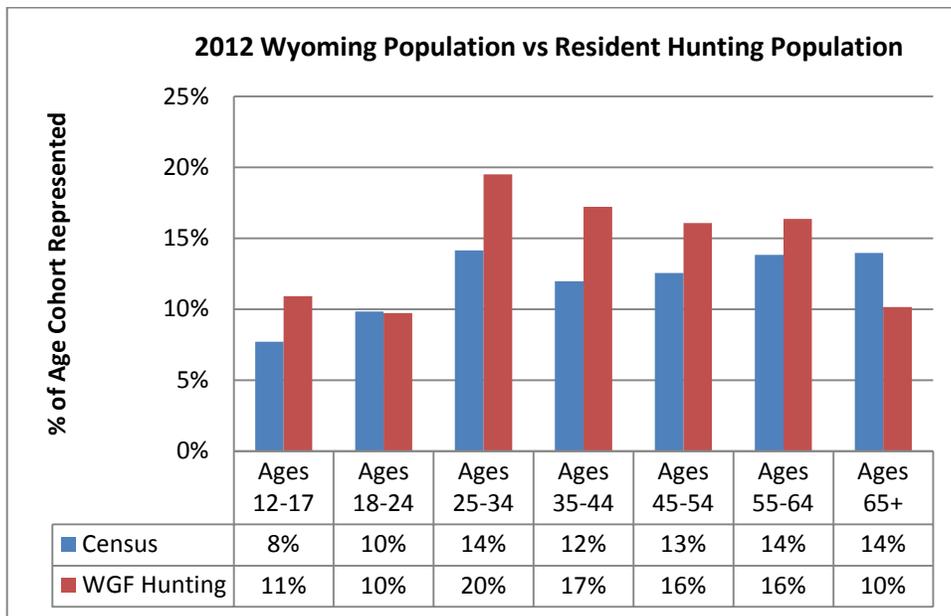
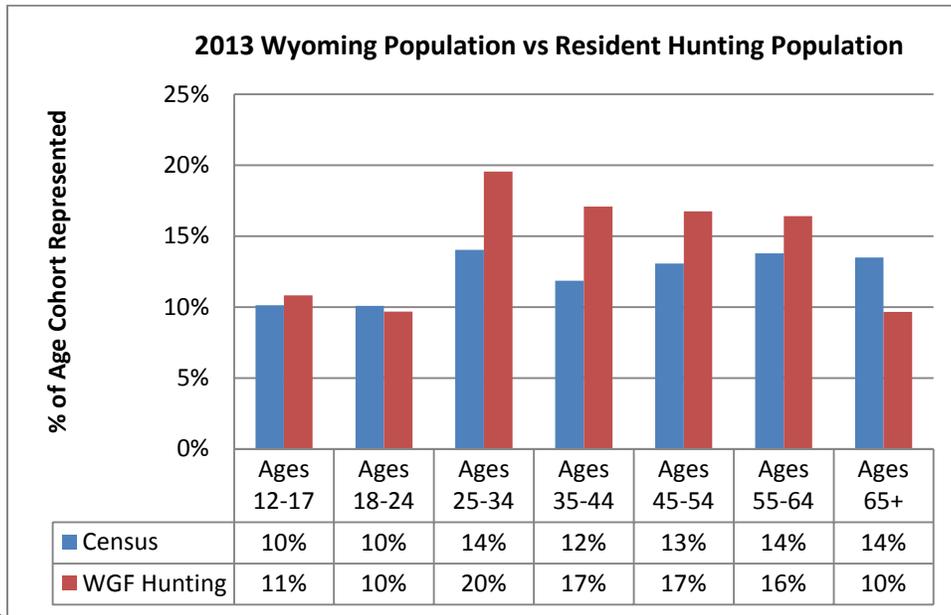


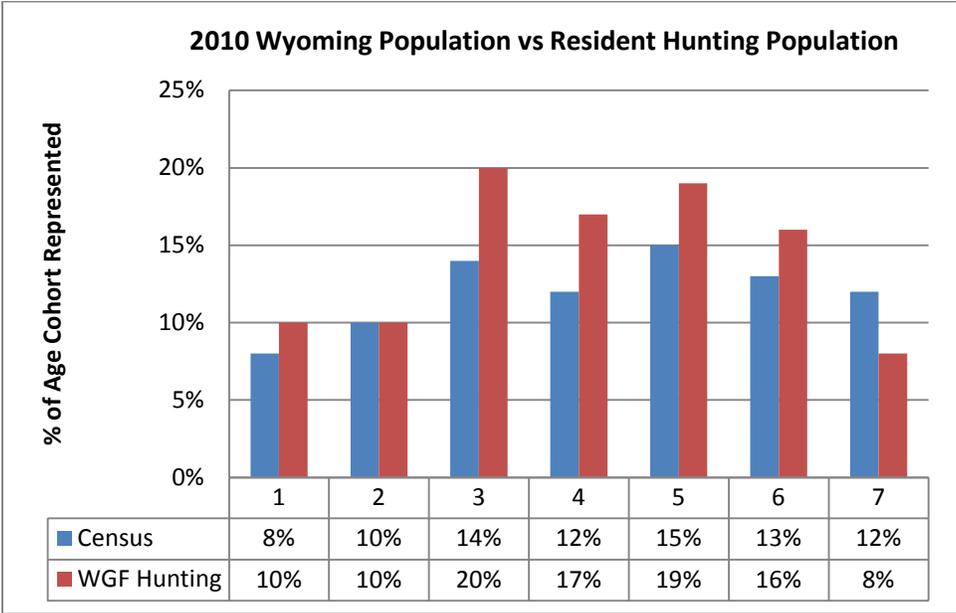
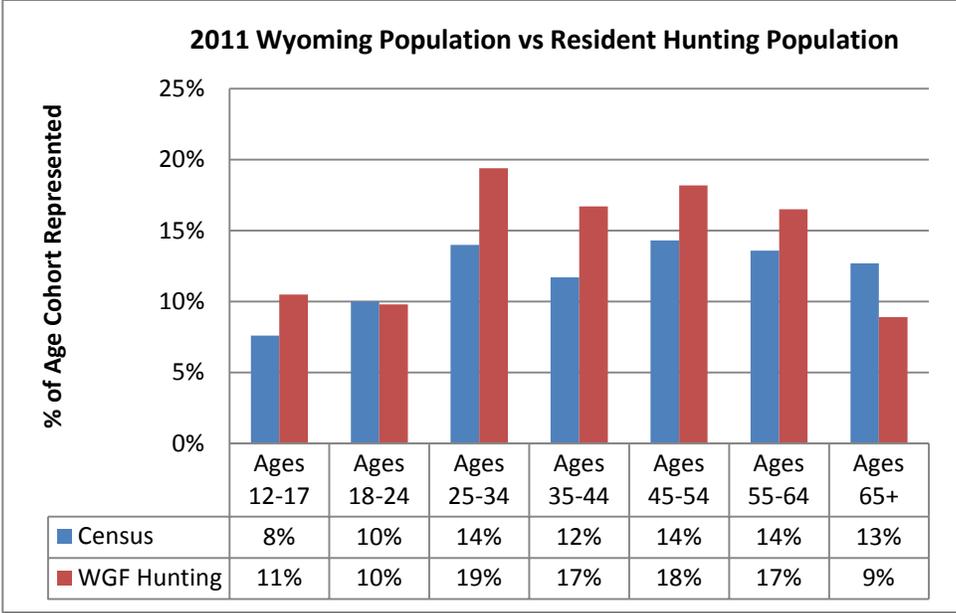




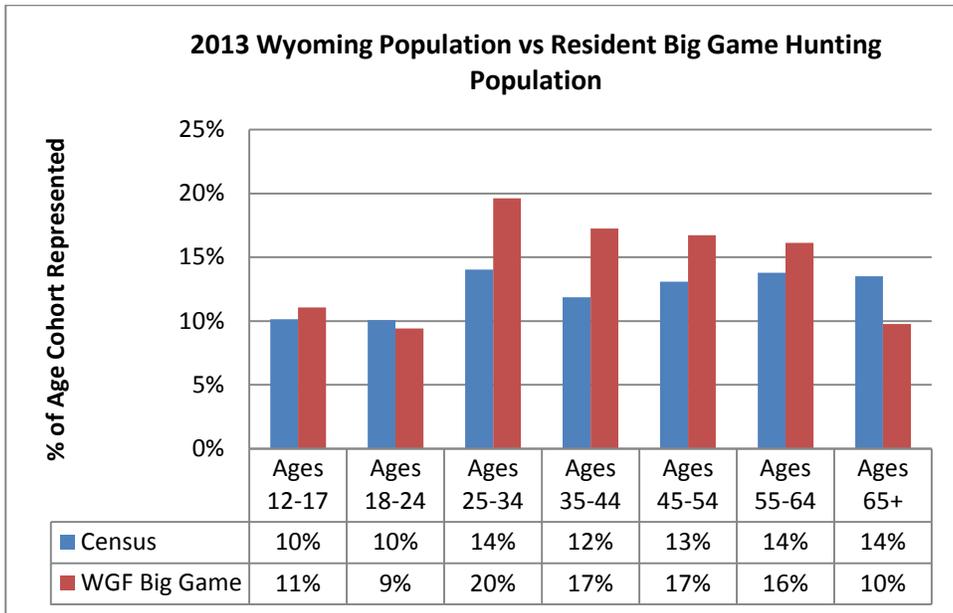
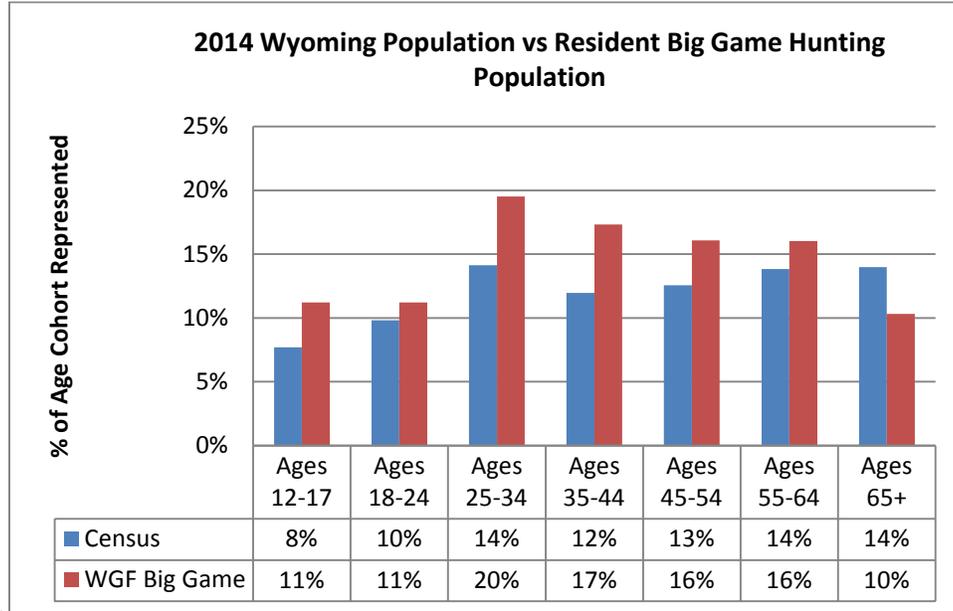
HUNTING

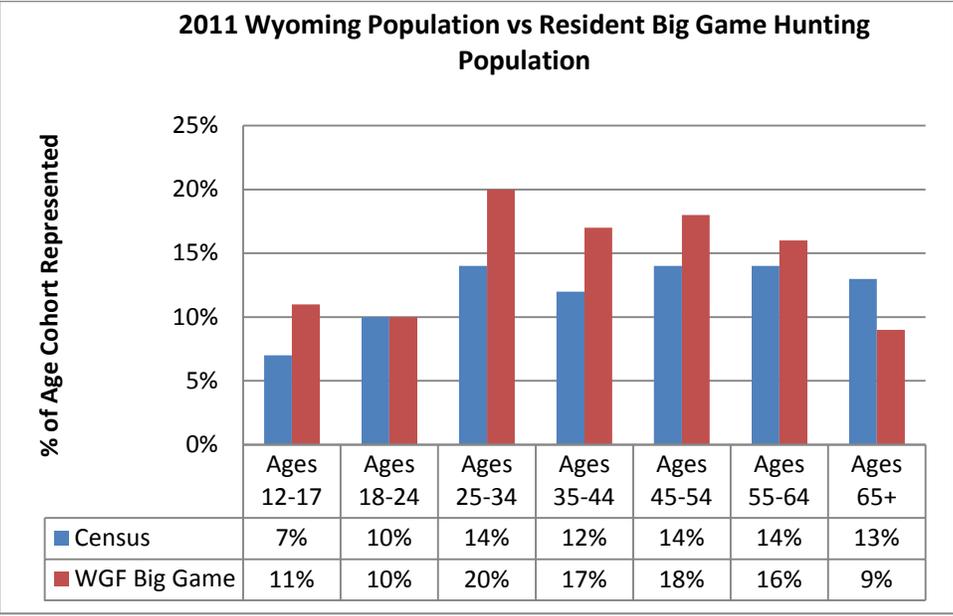
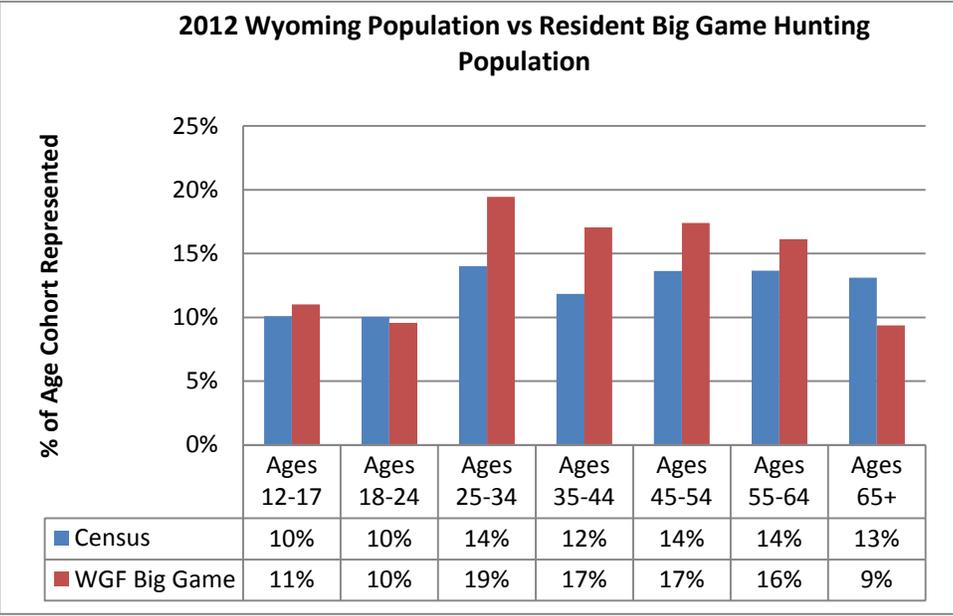




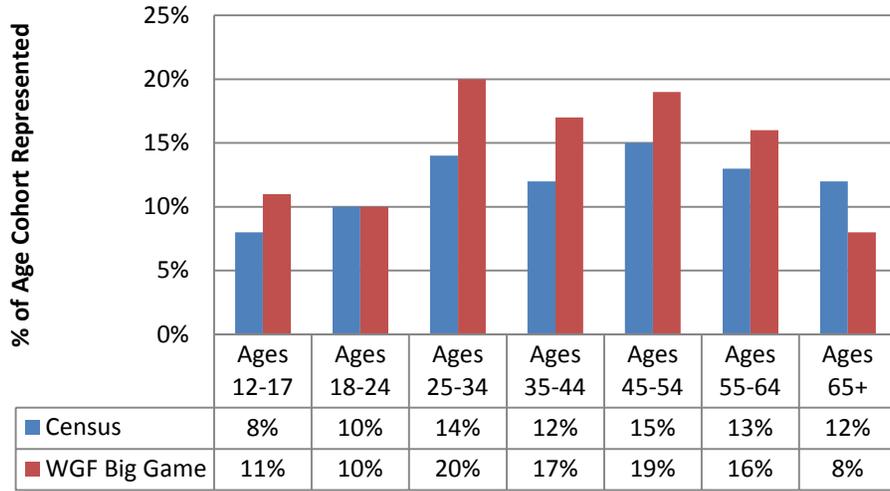


BIG GAME HUNTING



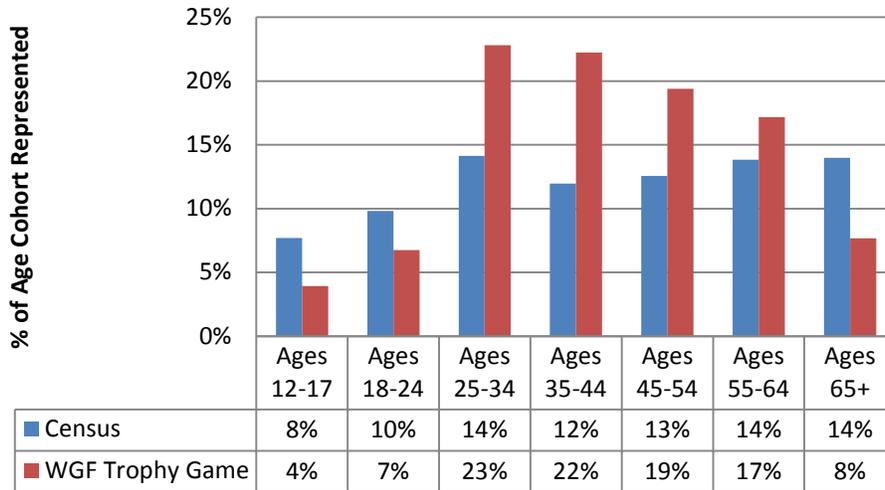


**2010 Wyoming Population vs Resident Big Game Hunting
Population**

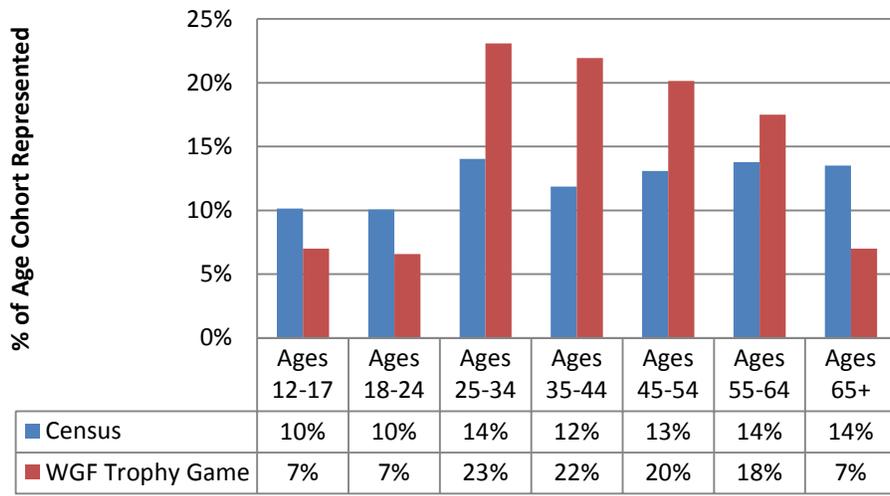


TROPHY GAME HUNTING

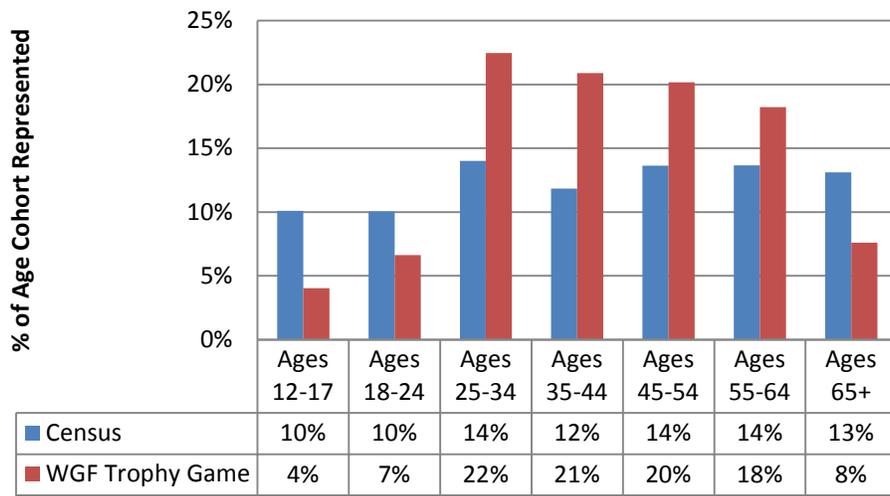
**2014 Wyoming Population vs Resident Trophy Game
Population**



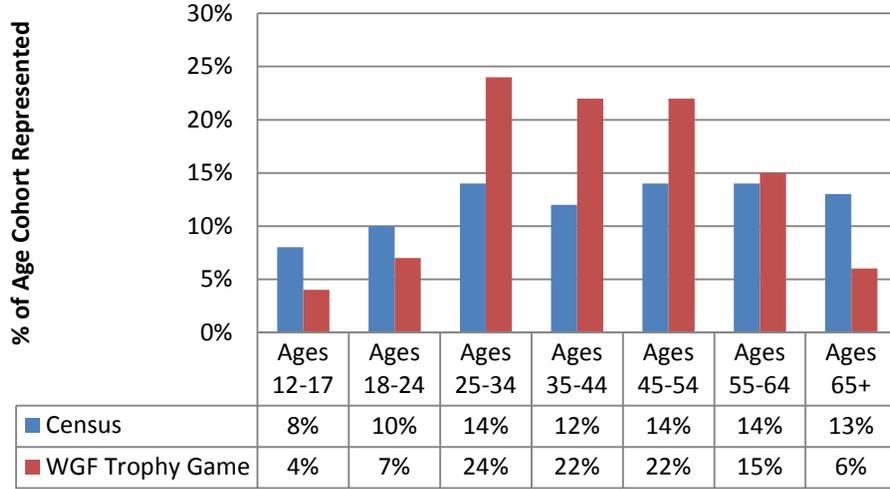
2013 Wyoming Population vs Resident Trophy Game Population



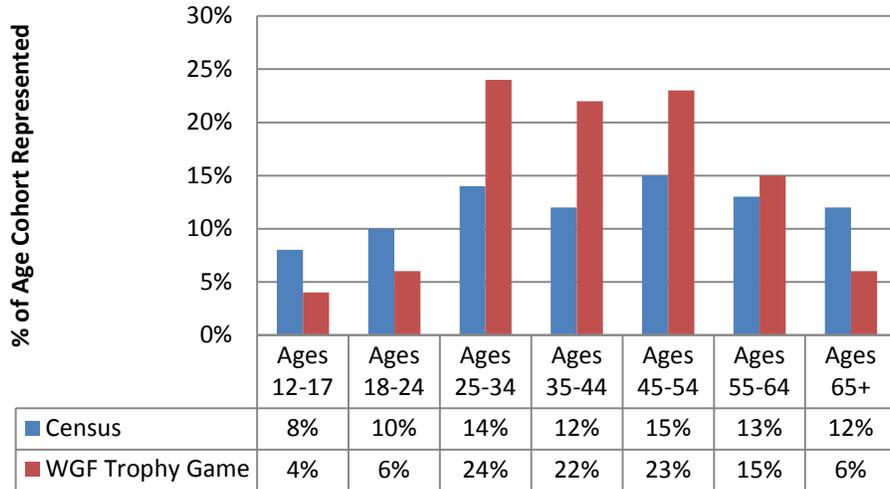
2012 Wyoming Population vs Resident Trophy Game Population



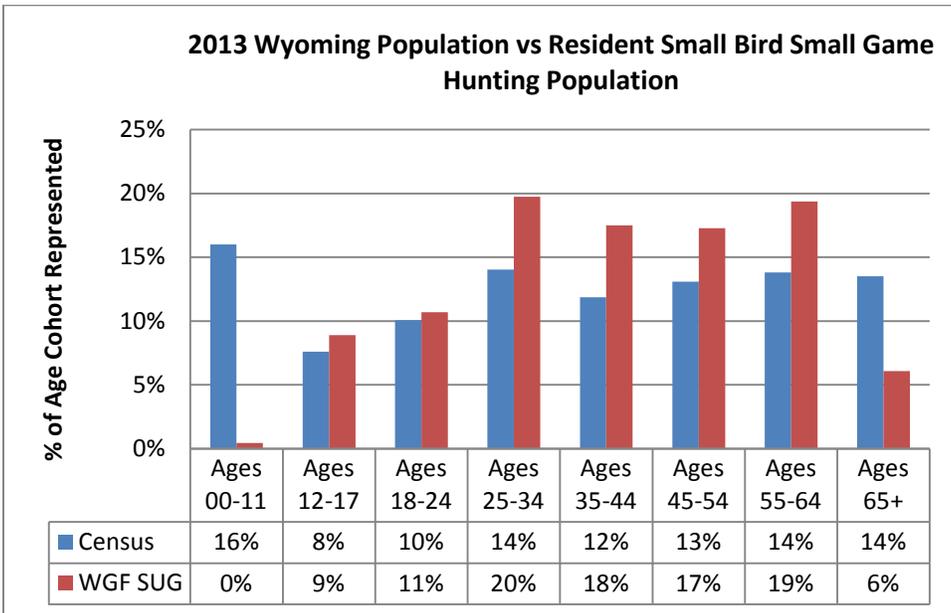
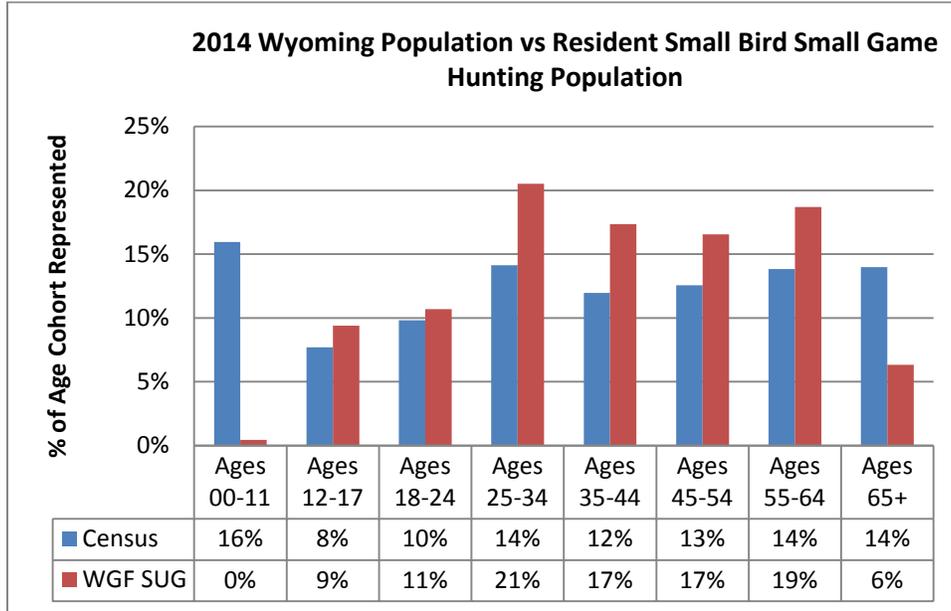
**2011 Wyoming Population vs Resident Trophy Game
Population**



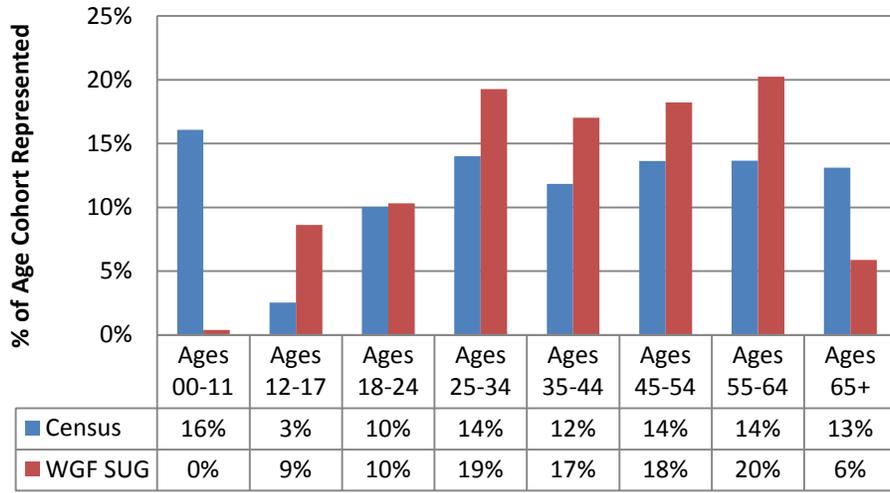
**2010 Wyoming Population vs Resident Trophy Game
Population**



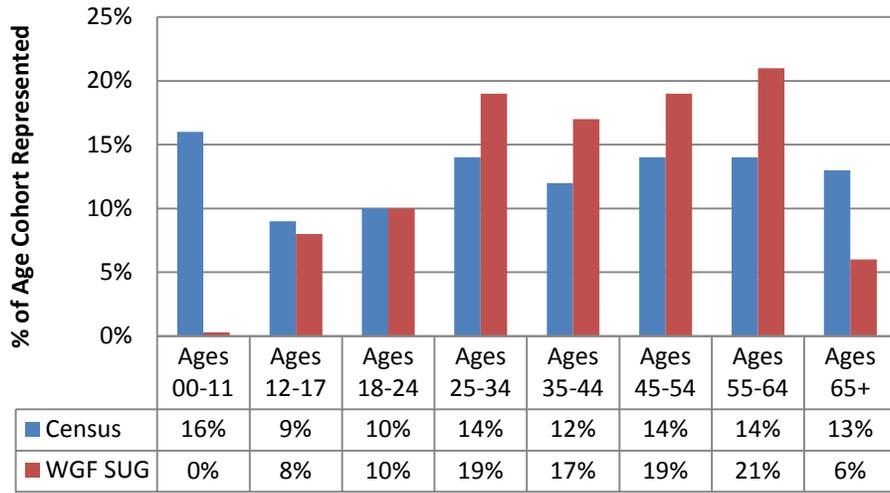
SMALL GAME AND UPLAND GAME BIRDS



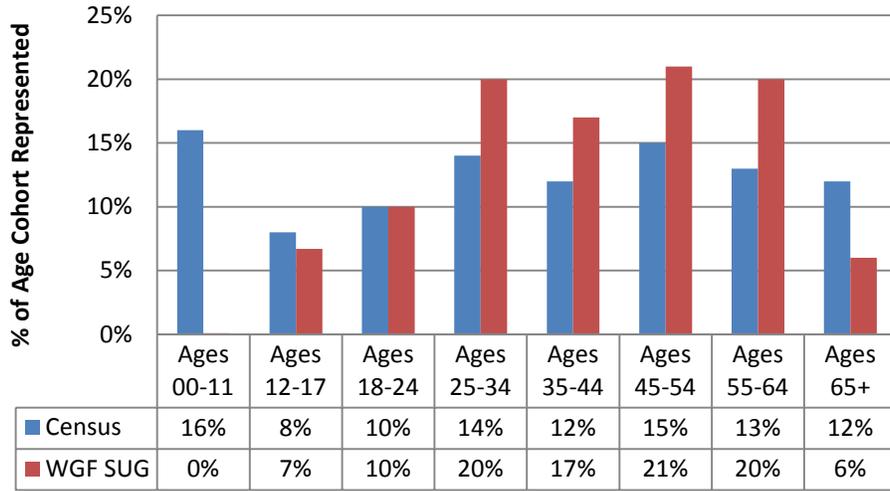
2012 Wyoming Population vs Resident Small Bird Small Game Hunting Population



2011 Wyoming Population vs Resident Small Bird Small Game Hunting Population

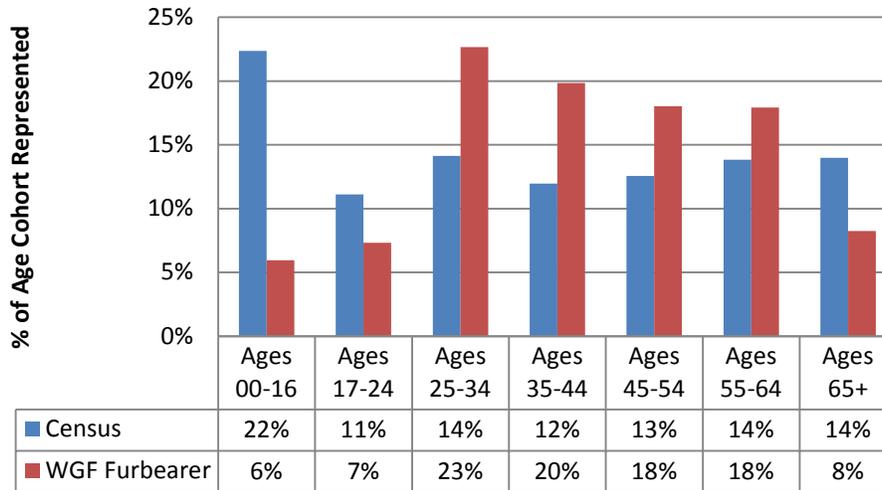


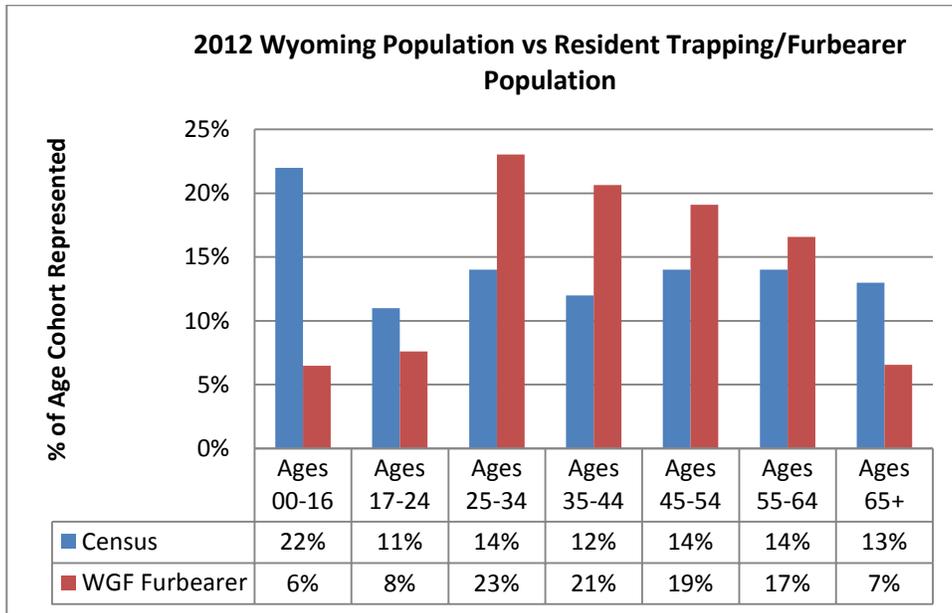
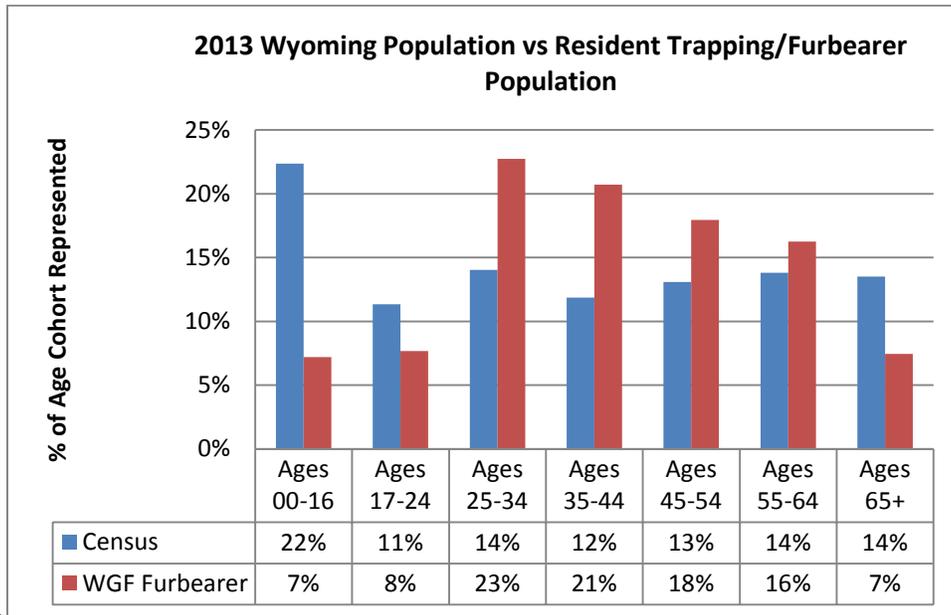
2010 Wyoming Population vs Resident Small Bird Small Game Hunting Population



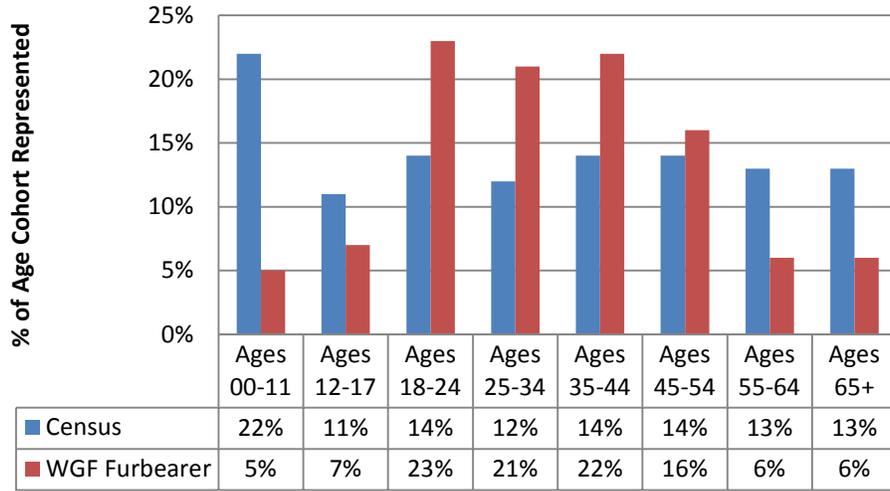
TRAPPING AND FURBEARERS

2014 Wyoming Population vs Resident Trapping/Furbearer Population

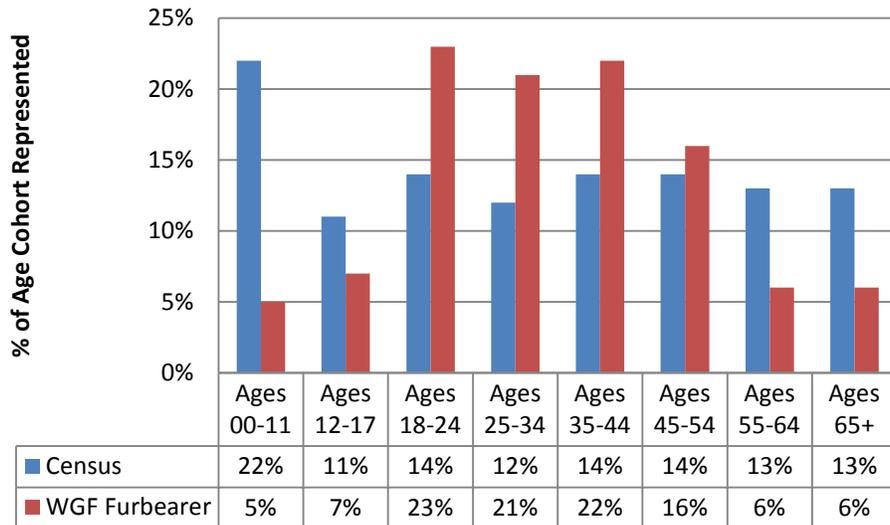




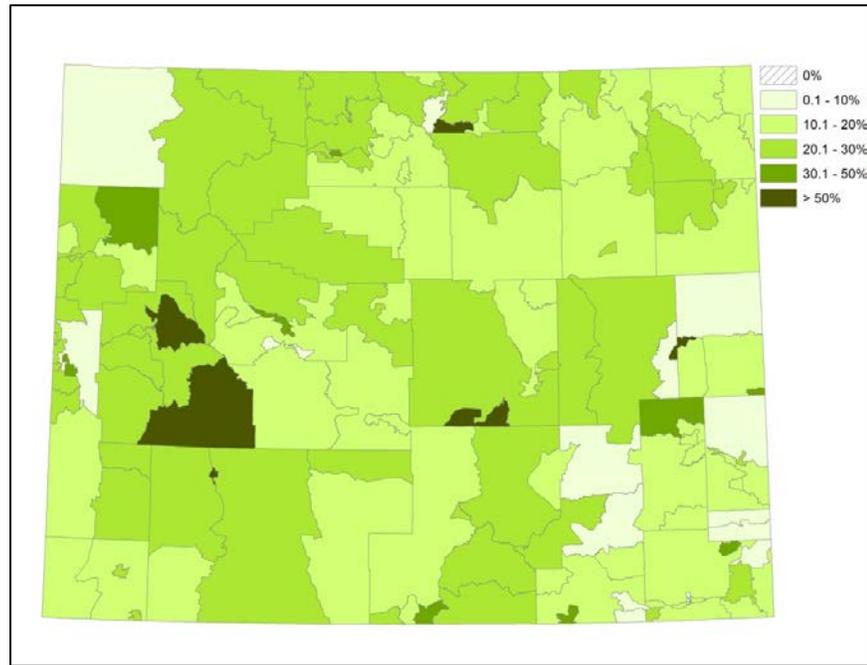
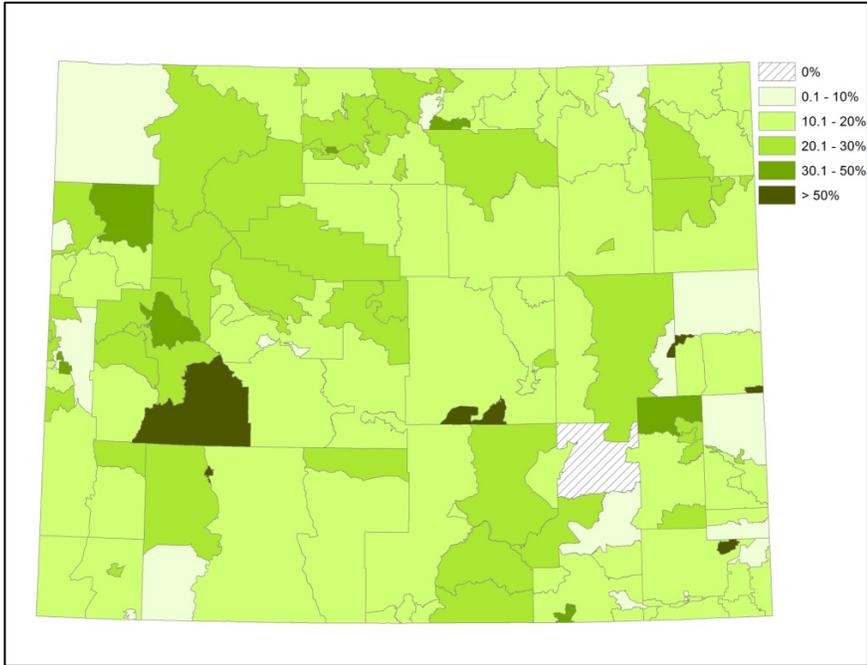
2011 Wyoming Population vs Resident Trapping/Furbearer Population



2010 Wyoming Population vs Trapping/Furbearer Population



Appendix C Percentage of Anglers and Hunters in each Wyoming Zip Code



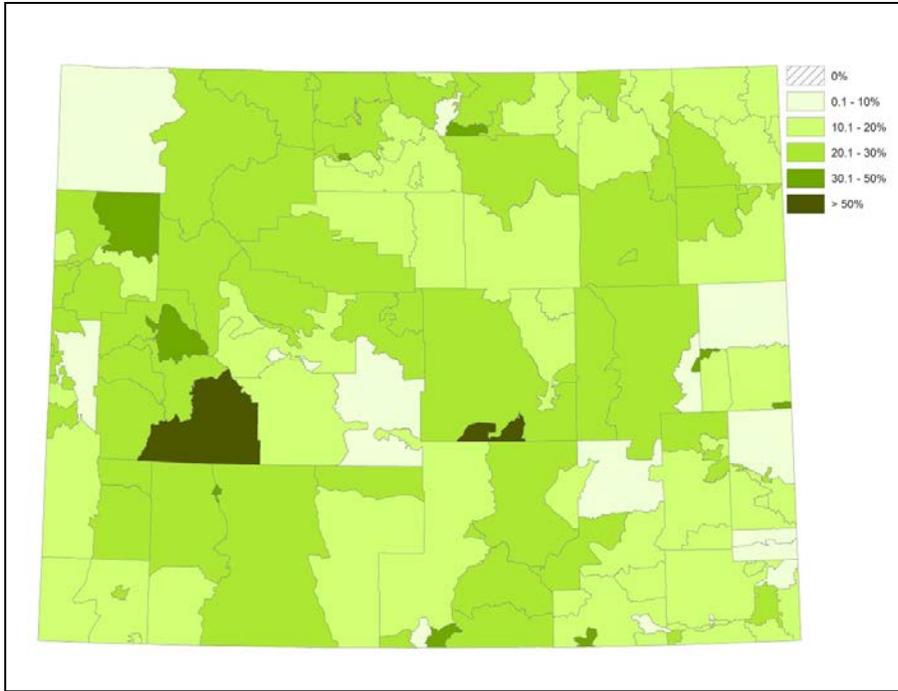


Figure C3. 2013 percent of anglers per Wyoming ZIP code (includes annual and daily fishing licenses).

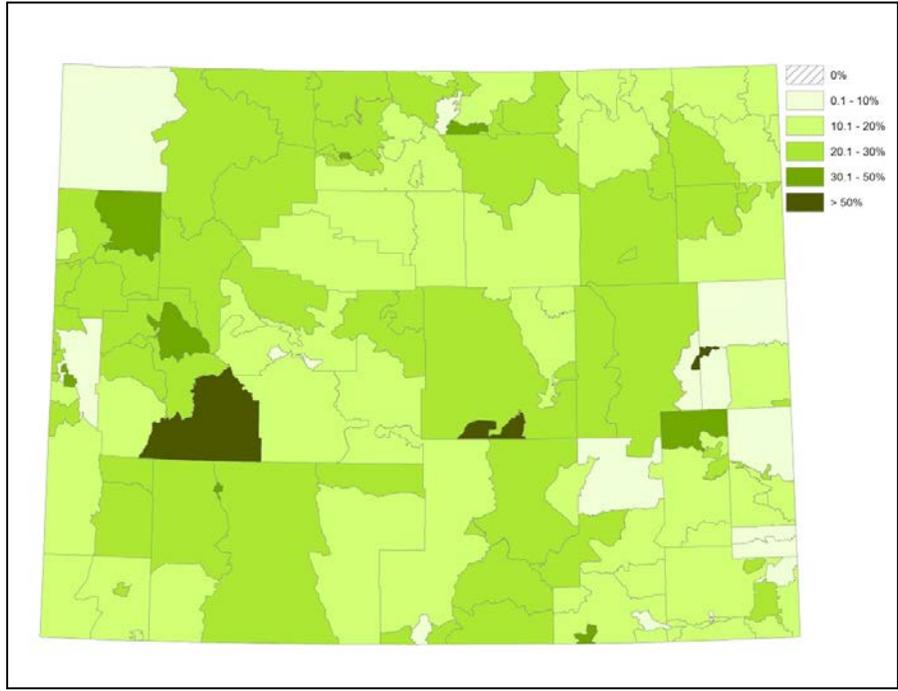


Figure C4. 2014 percent of anglers per Wyoming ZIP code (includes annual and daily fishing licenses).

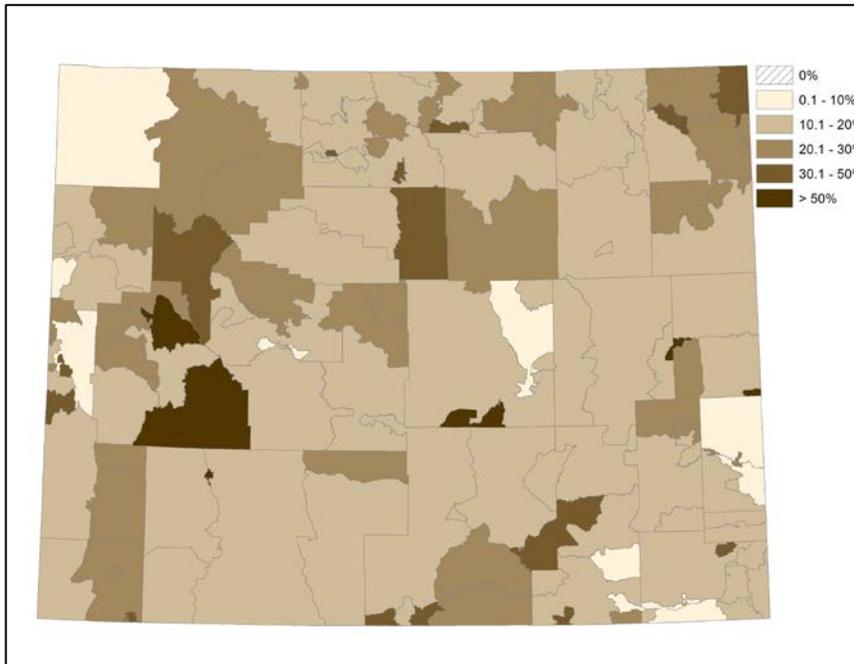


Figure C5. 2011 percent of hunters per Wyoming ZIP code.

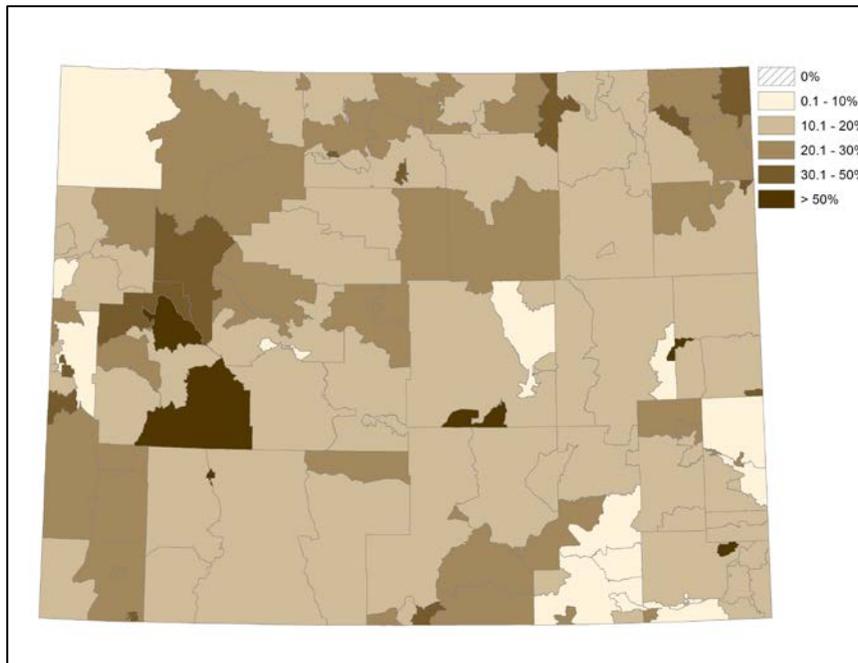


Figure C6. 2012 percent of hunters per Wyoming ZIP code.

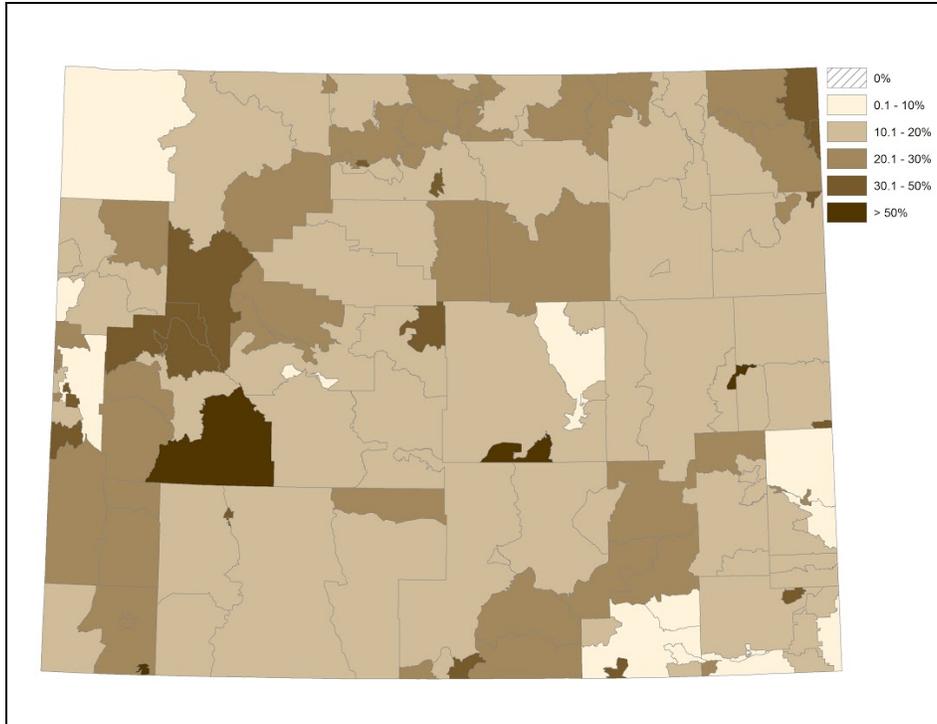


Figure C7. 2013 percent of hunters per Wyoming ZIP code.

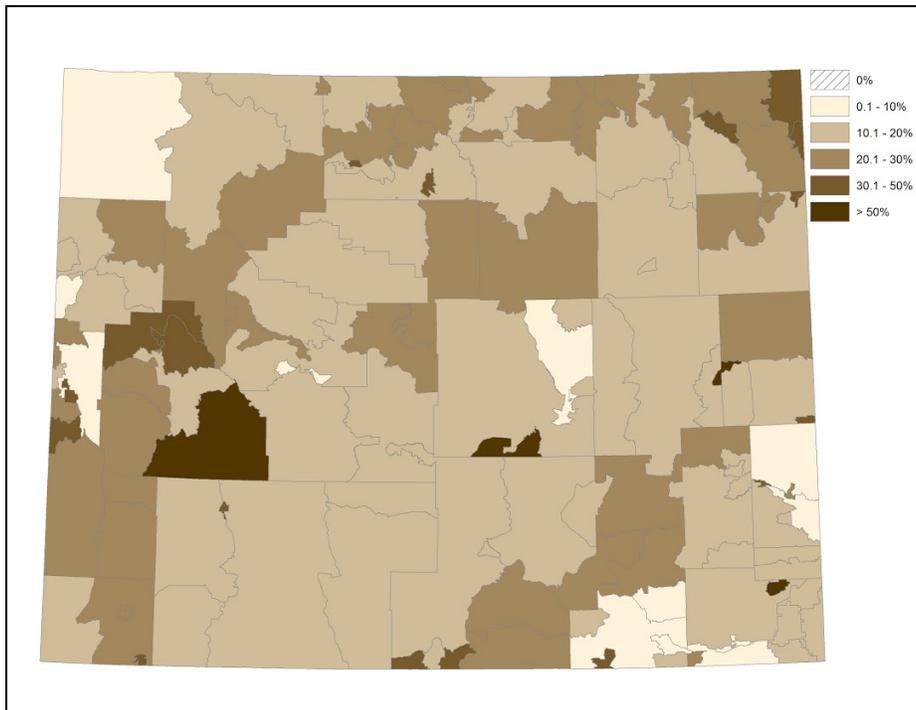


Figure C8. 2014 percent of hunters per Wyoming ZIP code.

Appendix D Resident License Purchases by County

County	2008	2009	2010	2011	2012	2013	2014	2014 population estimates	% of 2014 population
ALBANY	4,290	4,628	4,652	4,480	4,924	4,939	4,897	37,811	0.13
BIG HORN	2,277	2,396	2,478	2,349	2,401	2,525	2,442	11,930	0.20
CAMPBELL	7,955	8,953	8,715	8,364	8,819	9,115	9,049	48,320	0.19
CARBON	3,424	3,646	3,365	3,158	3,225	3,276	3,179	15,854	0.20
CONVERSE	2,733	2,894	2,840	3,002	3,089	3,129	3,000	14,097	0.21
CROOK	1,422	1,333	1,306	1,263	1,348	1,317	1,287	7,248	0.18
FREMONT	7,282	7,317	7,337	6,843	7,196	7,205	7,196	40,703	0.18
GOSHEN	1,253	1,411	1,425	1,578	1,746	1,671	1,634	13,514	0.12
HOT SPRING	1,034	1,045	1,009	968	1,035	977	960	4,816	0.20
JOHNSON	1,724	1,898	1,857	1,859	1,847	1,958	1,808	8,573	0.21
LARAMIE	11,436	12,032	11,901	11,752	12,541	12,718	12,719	96,389	0.13
LINCOLN	3,793	3,947	3,864	3,472	3,839	3,942	3,923	18,567	0.21
NATRONA	13,002	13,616	13,466	13,727	14,884	15,326	15,237	81,624	0.19
NIOBRARA	258	293	242	271	246	282	251	2,463	0.10
PARK	5,999	6,713	6,765	5,926	6,540	6,505	6,241	28,989	0.22
PLATTE	1,504	1,531	1,579	1,664	1,723	1,740	1,759	8,799	0.20
SHERIDAN	5,627	6,094	6,013	5,874	6,152	6,129	5,948	30,032	0.20
SUBLETTE	2,530	2,754	2,607	2,422	2,480	2,516	2,379	10,057	0.24
SWEETWATER	8,998	9,207	8,808	8,441	8,946	9,196	9,203	45,010	0.20
TETON	4,517	4,505	4,370	4,001	4,424	4,475	4,419	22,930	0.19
UINTA	3,282	3,393	3,377	3,207	3,468	3,409	3,207	20,904	0.15
WASHAKIE	1,591	1,654	1,616	1,504	1,531	1,617	1,541	8,322	0.19
WESTON	1,165	1,274	1,219	1,134	1,195	1,180	1,159	7,201	0.16
Unknown	80	241	289	222	197	203	1,258		
Total	97,176	102,775	101,100	97,481	103,796	105,350	104,696	584,153	0.18

Table D1 Number of residents licensed to fish by county, 2008-2014.

County	2008	2009	2010	2011	2012	2013	2014	2014 population estimates	% of 2014 population
ALBANY	3,283	3,462	3,302	3,266	3,292	3,241	3,284	37,811	0.09
BIG HORN	2,163	2,254	2,257	2,226	2,264	2,269	2,266	11,930	0.19
CAMPBELL	5,630	6,060	5,749	5,598	5,815	5,815	5,810	48,320	0.12
CARBON	3,077	3,101	3,039	2,941	2,833	2,721	2,778	15,854	0.18
CONVERSE	2,378	2,440	2,354	2,409	2,389	2,435	2,366	14,097	0.17
CROOK	1,624	1,543	1,481	1,426	1,460	1,439	1,527	7,248	0.21
FREMONT	6,076	6,217	6,050	6,078	6,043	5,962	5,910	40,703	0.15
GOSHEN	1,219	1,366	1,376	1,365	1,387	1,426	1,460	13,514	0.11
HOT SPRINGS	866	896	872	866	854	822	840	4,816	0.17
JOHNSON	1,661	1,691	1,562	1,557	1,576	1,596	1,591	8,573	0.19
LARAMIE	6,659	7,178	6,831	6,876	7,019	6,864	6,964	96,389	0.07
LINCOLN	3,788	4,061	3,932	3,797	3,773	3,873	3,944	18,567	0.21
NATRONA	8,290	8,813	8,390	8,259	8,508	8,401	8,375	81,624	0.10
NIOBRARA	347	340	338	345	324	302	347	2,463	0.14
PARK	5,155	5,390	5,356	5,197	5,281	5,285	5,113	29,989	0.18
PLATTE	1,466	1,515	1,451	1,544	1,494	1,506	1,504	8,799	0.17
SHERIDAN	4,317	4,418	4,277	4,204	4,278	4,283	4,325	30,032	0.14
SUBLETTE	2,268	2,334	2,267	2,175	2,194	2,234	2,223	10,057	0.22
SWEETWATER	7,039	7,346	7,055	6,808	6,663	6,790	6,786	45,010	0.15
TETON	2,347	2,425	2,287	2,223	2,233	2,257	2,265	22,930	0.10
UINTA	3,551	3,640	3,694	3,640	3,691	3,656	3,648	20,904	0.17
WASHAKIE	1,389	1,493	1,422	1,372	1,352	1,344	1,365	8,322	0.16
WESTON	1,272	1,284	1,212	1,141	1,176	1,166	1,187	7,201	0.16
Unknown	84	95	97	70	71	65	596		
Total	75,949	79,362	76,651	75,383	75,970	75,687	75,878	584,153	0.13

Table D2 Number of residents licensed to hunt by county, 2008-2014.