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04/12/2023 01:46:04 PM No. of Pages: 26
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Index to: MISC



Resolution No. 23-29

Adopting an Amendment to the Bonner County
Comprehensive Plan Regarding the Population and Public
Airport Facilities Components

File #AM0003-23

# BONNER COUNTY BOARD OF COMMISSIONERS RESOLUTION 2023 -

Adopting an Amendment to
The Bonner County Comprehensive Plan
Regarding the Population and Public Airport Facilities Components
Bonner County Planning Department File AM0003-23

**Whereas**, Bonner County, pursuant to Idaho Code §67-6508 and §67-6509, did adopt a Comprehensive Plan by resolution of the Board of County Commissioners on July 21, 1978, recorded at Instrument #202678, Bonner County records; and

**Whereas**, Bonner County did adopt amendments to the Comprehensive Plan with the adoption of the Population component (Resolution #03-32, recorded on June 19, 2003 at Instrument #627224 in Bonner County records), and

**Whereas**, Bonner County did adopt amendments to the Comprehensive Plan by amending the Population component (Resolution #13-45, recorded on July 11, 2013 at Instrument #847048 in Bonner County records), and

**Whereas,** Bonner County desires to update its comprehensive plan by amending the Population component and adding the Public Airport Facilities component; and

**Whereas**, the Bonner County Planning Commission did hold a duly noticed public hearing on February 21, 2023 on the proposed amendment to the Population component, and did recommend approval of the amendment to the said component; and

**Whereas**, the Bonner County Planning Commission did hold a duly noticed public hearing on February 21, 2023 (continued to March 21, 2023) on the proposed addition of the Public Airport Facilities, and did recommend approval of the addition of the said component to the Comprehensive Plan; and

**Whereas**, the Board of County Commissioners did hold a duly noticed public hearing on April 12, 2023, on the proposed amendment to the Bonner County Comprehensive Plan regarding the Population and Public Airport Facilities components.

**Now, therefore be it resolved** by the Board of County Commissioners of Bonner County, Idaho, that the Population component adopted and amended by the Commissioners at Resolution #03-32, recorded on June 19, 2003 at Instrument #627224 in Bonner County records and Resolution #13-45, recorded on July 11, 2013 at Instrument #847048 in Bonner County records, respectively, are hereby repealed in their entirety and replaced by a new Population component is hereby adopted by the resolution of the Board of County Commissioners, Bonner County.

**Be it further resolved** that a new Public Airport Facilities component is hereby adopted by the resolution of the Board of County Commissioners, Bonner County.

**Be it further resolved** that, pursuant to Idaho Code, Section 67-6509(c), a copy of this resolution and the accompanying Population and Public Airport Facilities shall be kept on file with the Bonner County Clerk and that, with the recording of this document in the records of Bonner County, Idaho, Section 67-6509(c) of the Idaho Code is fulfilled.

Adopted as a resolution of the Board of County Commissioners of Bonner County, Idaho, done this April 12, 2023 upon a majority vote.

BONNER GOU	NTY BOARD OF COMMISSIONERS
The Bradeha	Grow Street
Steve Bradsha	w, Chairman
asia	Williams
Asia Williams,	Commissioner
Xala	
Luke Omodt, C	ommissioner
ATTEST: Michael W. Rosedale, Clerk	
Lesse Reinbold	April 12, 2023
By Deputy Clerk	Date
Philson_	
Legal:	

# **Bonner County Planning Department**

"Protecting property rights and enhancing property value" 1500 Highway 2, Suite 208, Sandpoint, Idaho 83864 Phone (208) 265-1458

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### **BONNER COUNTY COMPREHENSIVE PLAN**

**COMPONENT: POPULATION** 

**ADOPTED UPDATE: APRIL 12, 2023** 



# **Table of Contents**

Introduction	1
Chapter 1 - Bonner County's Population Overview	2
Section 1.1 - Population Overview & Trends2	
Section 1.2 - Bonner County's Rank in State by Population2	
BONNER COUNTY POPULATION DISTRIBUTION7	
PEOPLE PER SQUARE MILE7	
POPULATION MIGRATION7	
AGE AS FACTOR7	
HOUSING7	
ECONOMIC FACTORS8	
Chapter 2 - Bonner County's Population Trends and Projections	9
Section 2.1 - Population Trends & Projections9	
Section 2.2 - Issues10	
Bibliography	12

### Introduction

Accurate, up-to-date population data play an important role in Bonner County's land use decisions and policies. The timing, location, and sizing of public services, utilities and transportation systems are based upon Bonner County's unique population characteristics, growth patterns, distribution, and population forecasts. Demographic trends help community leaders become aware of potential demands on county resources. Every 10 years, the U.S. Census Bureau assesses the nation's population and provides comprehensive details about each area's birth/death rate, socio-economic factors, housing, race profiles, people per household, people per square mile and other details. Between the decennial head counts, the Census Bureau, Idaho Department of Commerce and private enterprises provide estimates the county can use to determine growth rates.

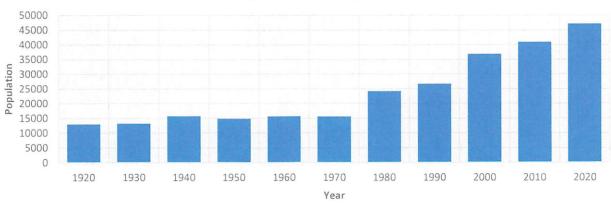
This Population Component includes an analysis of past, present, and future trends in population, and details such as total population, age, sex, and income. Charts, maps, and graphs are also used to provide a quick, visual summary of the county's population. The Housing and Economic Development components also contain census-based details more directly related to those topics.

### Chapter 1 - Bonner County's Population Overview

#### Section 1.1 - Population Overview & Trends

The 2020 census placed Bonner County's population at 47,110. Bonner County, established in 1907, now has over 100 years of population data. The county grew by fewer than 2,000 people over the first 60 years of its existence. Rises and falls in population amounted to little more than 3 or 4 percent over each decade until 1970. But the 1980 census revealed Bonner County was experiencing a population boom. The population jumped 55 percent in 10 years from 1970 to 1980. In a 30-year span beginning in 1970, the population grew by 137 percent. Between 1990 and 2000, Bonner County increased in population by 38.4 percent, but by the 2010 census, the growth slowed to an 11 percent increase over 10 years. From 2010 to 2020 the population grew by 13 percent and the estimated increase from 2020 to 2021 was 3.4 percent or 49491.





### Section 1.2 - Bonner County's Rank in State by Population

Bonner County ranked as the sixth fastest growing county in Idaho in 2000. With the slower growth pace, the county slipped to the 18th fastest growing county in 2010. Neighboring Kootenai and Boundary counties each outpaced Bonner County's growth rate in the 2010 census. To the south, Kootenai County grew at a rate of 27.4%, while Boundary County to the north increased at a slightly greater rate than Bonner County, with 11.2%. From 2010 to 2020 Bonner County grew by 13 percent while Kootenai County grew by 19 percent and the much smaller Boundary County grew by 9 percent. The state of Idaho grew by 14 percent for that same period. Bonner County was the ninth fastest growing in the last centennial period.

When compared with one decade earlier, Bonner County's population:

- Grew slower than the state's 17.3% pace. Bonner County grew by 15.2% from 2010 to 2020.
- Aged. In 2010, 18% of Bonner County's population was older than 65. By 2020, 25.9% were

- older than 65, compared to the state's 12.8%.
- Remained nearly unchanged with the male to female ratio of 50.6%:49.4% and ethnic makeup of 95.4% white
- Saw improvement in the number of persons below the poverty line (15.5% in 2000; 15.2% in 2012 and 12.8 in 2020). The percentage of Idaho's population below the poverty line was 11%. Nationally the number was 11.6%.

The number of persons per square mile living in Bonner County in 2010 was 23.6 and in 2020 the number 27.2. In 2000 the persons per square mile was 21.2 10. The average number of people per square mile in all of Idaho is 22.3.

Table 1 Bonner County Quickfacts Table including the State Of Idaho And Kootenai County

	Kootenai County	Bonner County	Idaho
Population			
Population Estimates, July 1 2021, (V2021)	179,789	49,491	1,900,923
Population estimates base, April 1, 2020, (V2021)	171,362	47,110	1,839,106
Population, percent change - April 1, 2020 (estimates base) to July 1, 2021, (V2021)	4.90%	5.10%	3.40%
Population, Census, April 1, 2020	171,362	47,110	1,839,106
Population, Census, April 1, 2010	138,494	40,877	1,567,582
Age and Sex			
Persons under 5 years, percent	5.60%	4.70%	6.00%
Persons under 18 years, percent	22.60%	19.50%	24.70%
Persons 65 years and over, percent	19.50%	25.90%	16.60%
Female persons, percent	50.20%	49.40%	49.60%
Race and Hispanic Origin			
White alone, percent	94.20%	95.40%	92.80%
Black or African American alone, percent(a)	0.50%	0.30%	0.90%
American Indian and Alaska Native alone, percent(a)	1.30%	0.90%	1.70%
Asian alone, percent(a)	1.00%	0.70%	1.60%
Native Hawaiian and Other Pacific Islander alone, percent(a)	0.20%	0.20%	0.20%
Two or More Races, percent	2.80%	2.50%	2.70%
Hispanic or Latino, percent(b)	5.40%	3.90%	13.30%
White alone, not Hispanic or Latino, percent	89.70%	92.10%	81.10%
Population Characteristics			
Veterans, 2016-2020	13,036	4,252	115,549
Foreign born persons, percent, 2016-2020	2.30%	2.60%	5.90%
Housing			
Housing units, July 1, 2021, (V2021)	78,262	26,557	775,267
Owner-occupied housing unit rate, 2016-2020	71.30%	76.20%	70.80%

Median value of owner-occupied housing units, 2016-2020	\$294,100	\$275,700	\$235,600
Median selected monthly owner costs -with a mortgage, 2016-2020	,	· · ·	
	\$1,408	\$1,408	\$1,312
Median selected monthly owner costs -without a mortgage, 2016-2020	\$428	\$363	\$388
Median gross rent, 2016-2020	\$1,037	\$913	\$887
Building permits, 2021	2,426	326	21,732
Families & Living Arrangements			
Households, 2016-2020	64,475	17,998	649,299
Persons per household, 2016-2020	2.48	2.46	2.66
Living in same house 1 year ago, percent of persons age 1 year+, 2016-2020	84.30%	86.20%	83.20%
Language other than English spoken at home, percent of persons age 5 years+, 2016-2020	3.70%	2.70%	10.80%
Computer and Internet Use			
Households with a computer, percent, 2016-2020	93.60%	90.10%	93.20%
Households with a broadband Internet subscription, percent, 2016-2020	87.50%	80.30%	86.00%
Education			
High school graduate or higher, percent of persons age 25 years+, 2016-2020	94.00%	91.50%	91.30%
Bachelor's degree or higher, percent of persons age 25 years+, 2016-2020	26.60%	26.60%	28.70%
Health			
With a disability, under age 65 years, percent, 2016-2020	9.60%	10.70%	9.50%
Persons without health insurance, under age 65 years, percent	11.10%	12.30%	10.50%
Economy			
In civilian labor force, total, percent of population age 16 years+, 2016-2020	60.80%	52.40%	62.80%
In civilian labor force, female, percent of population age 16 years+, 2016-2020	56.60%	47.40%	57.00%
Total accommodation and food services sales, 2017 (\$1,000)(c)	502,079	89,638	3,598,148
Total health care and social assistance receipts/revenue, 2017 (\$1,000)(c)	1,069,794	155,963	10,468,990
Total transportation and warehousing receipts/revenue, 2017 (\$1,000)(c)	100,618	49,058	3,057,829
Total retail sales, 2017 (\$1,000)(c)	2,942,500	585,906	24,936,131
Total retail sales per capita, 2017(c)	\$18,671	\$13,403	\$14,500

Transportation	-		
Mean travel time to work (minutes), workers age 16 years+, 2016-2020	22.1	23.5	21.2
Income & Poverty			<del> </del>
Median household income (in 2020 dollars), 2016-2020	\$60,903	\$51,594	\$58,915
Per capita income in past 12 months (in 2020			
dollars), 2016-2020	\$30,912	\$28,527	\$29,494
Persons in poverty, percent	8.60%	12.60%	11.00%
Businesses			
Total employer establishments, 2020	5,372	1,733	51,957
Total employment, 2020	57,834	13,401	637,810
Total annual payroll, 2020 (\$1,000)	2,506,168	517,740	28,806,542
Total employment, percent change, 2019-2020	4.40%	2.60%	3.40%
Total non-employer establishments, 2019	14,546	4,498	142,798
All employer firms, Reference year 2017	4,230	1,506	38,479
Men-owned employer firms, Reference year 2017	2,124	703	19,920
Women-owned employer firms, Reference year 2017	587	226	5,706
Minority-owned employer firms, Reference year 2017 Nonminority-owned employer firms, Reference year	182	S	2,023
2017	3,510	1,323	33,035
Veteran-owned employer firms, Reference year 2017	276	S	2,158
Nonveteran-owned employer firms, Reference year 2017	3,323	1,197	31,639
Geography			
Population per square mile, 2020	138.4	27.2	22.3
Population per square mile, 2010	111.3	23.6	19
Land area in square miles, 2020	1,237.78	1,733.22	82,645.14
Land area in square miles, 2010	1,244.13	1,734.57	82,643.12
FIPS Code	16055	16017	16

#### **Fact Notes**

- (a) Includes persons reporting only one race
- (c) Economic Census Puerto Rico data are not comparable to U.S. Economic Census data
- (b) Hispanics may be of any race, so also are included in applicable race categories

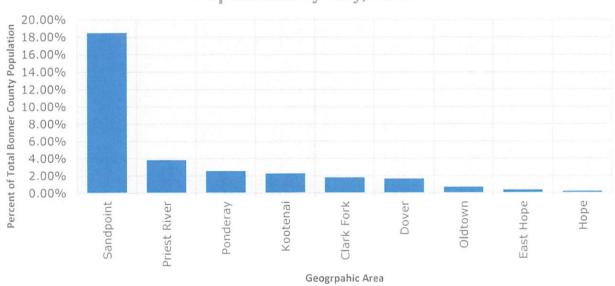
#### **Value Flags**

- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of an open ended distribution.
- **S** Suppressed; does not meet publication standards

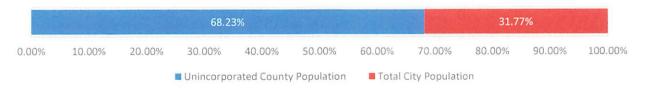
Table 2 Bonner County and Cities Population

2020 American Community Surv	ey Estimated Population		
Region	Population Total	% of County Tota	
Bonner County	47110		
Sandpoint	8692	18.45%	
Priest River	1799	3.82%	
Ponderay	1195	2.54%	
Kootenai	1063	2.26%	
Clark Fork	849	1.80%	
Dover	778	1.65%	
Oldtown	325	0.69%	
East Hope	168	0.36%	
Норе	96	0.20%	
Total cities	14,966	31.77%	
Net unincorporated	32,144	68.23%	





# Population City vs. County, 2020



#### **BONNER COUNTY POPULATION DISTRIBUTION**

"Urban Clusters" (UCs) are defined as at least 2,500 and less than 50,000 people. "Rural" encompasses all population, housing, and territory not included within an urban area (U.S. Census Bureau 2013). Sandpoint, with its surrounding vicinity, is the only area qualifying as an urban cluster in Bonner County. Sandpoint's population represents 18% of the county's population. If all incorporated areas are excluded from the county population, regardless of whether they are urban clusters, the Bonner County population is 32,144 (68 percent) and incorporated areas 14,968 (32 percent) as of the 2020 census.

#### PEOPLE PER SQUARE MILE

Bonner County encompasses 1.12 million acres, or about 1,738 square miles. About 39.6% of the county's land is privately owned. The remainder is owned by the state (15.2%), federal (44.4%) or local governments (0.8%). In the past five decades, the number of people per square mile has nearly tripled. In 1970, there were 9 people per square mile. The number jumped to 14.0 in 1980, eased up to 15.3 in 1990 it rose to 21.2 in 2000. By the 2010 census, there were 23.6 people per square mile and in 2020 it rose to 27.2 in Bonner County. This number represents all lands, including government-owned lands, where few if any people reside. If only the private lands are factored into the formula, the people per square mile would be approximately 67.

#### **POPULATION MIGRATION**

Net migration is a population factor that reveals how many people moved in or moved out of a given area over a period of time. (Natural change, on the other hand, is the difference between births and deaths.)

In the period from 2010 to 2018, Bonner County experienced a net migration rate of 9.6%, compared to Idaho's 6.5%. The natural (birth/death) change rate was -0.2% during this time frame for Bonner County; Idaho's was 5.3%.

#### **AGE AS FACTOR**

One of the most significant changes in Bonner County's population is the rising number of people age 65 and older. By 2011, the U.S. Census estimated 18% of the county's population was 65 years old or older, compared to the state 12.8%. The 2000 census revealed 13.1% of the county population had reached 65. In 2020 the largest demographic was 65 and older at 25%. Bonner County median age is one of the highest statewide.

#### HOUSING

Population factors as related to housing statistics are contained in the county's Housing Component of the Comprehensive Plan. Briefly, the average number of persons per household in Bonner County is listed at 2.37 with the 2010 Census count and in 2020 the average was 2.46. The average was 2.58 in 1990 and 2.49 in 2000. The 2020 average is lower than Idaho's 2.66 people per household (U.S. Census Bureau 2012 and 2020).

#### **ECONOMIC FACTORS**

Economic factors relating to population are covered in detail in the Economic Development Component of the Bonner County Comprehensive plan. The chart and graph below capture recent per capita income trends for Bonner County and comparisons to state and national trends.

Table 3 Per Capita Income (2008-2011, 2020)

Region				Per Capit	a Income
	2008	2009	2010	2011	2020
Bonner County	\$31,843	\$29,710	\$30,140	\$31,433	\$51,594
State of Idaho	\$33,110	\$30,809	\$31,556	\$32,881	\$58,915
Percentage of State Average	96.20%	96.40%	95.50%	95.60%	87.50%
United States	\$40,947	\$38,637	\$39,791	\$41,560	\$53,504
Percentage of National Average	77.80%	76.90%	75.70%	75.60%	96.40%

Source: Idaho Department of Labor

# Chapter 2 - Bonner County's Population Trends and Projections

### Section 2.1 - Population Trends & Projections

Bonner County grew by 2381 or 5.1 percent from 2020 to 2021 according to U.S. census estimates. Idaho grew by about 61,000 or 3.4 percent according to the census estimates for the same period. This is substantial estimated growth. The U.S. Census Bureau annually publishes population estimates for each state and county, and the nation as a whole, using birth and death rates, migration and risk of in- or out-migration.

Population projections from the Idaho Department of Labor anticipate Idaho will continue its record of rapid growth, with the total statewide population crossing over 2 million for the first time by 2031. The 2020 Census revealed the Gem State was the second-fastest growing state in the nation over the decade from 2010 to 2020, and single-year population estimates have ranked Idaho as the fastest-growing state for the past five years.

Idaho's Labor Department's latest projections anticipate a statewide growth rate of 1.1% per year over the 10-year period from 2021 to 2031, adding a total of 227,880 new residents to the state. This will raise Idaho's population from 1,888,533 in 2021 to 2,116,413 in 2031. All six of Idaho's sub-state regions are expected to grow over the coming decade, with southwestern Idaho leading at 16.3% projected growth, and followed by north Idaho at 13%. These two regions together are expected to account for more than three quarters of the state's total growth.

Table 4 Projected Population Growth by Region

	Population		Projected	Growth
2021	2031	Number	Percentage	Annual
258,262	291,900	33,638	13%	1.2%
112,144	114,411	2,267	2%	0.2%
869,592	1,010,983	141,391	16%	1.5%
231,851	250,247	18,396	8%	0.8%
177,551	184,944	7,393	4%	0.4%
239,133	263,928	24,795	10%	1.0%
1,888,533	2,116,413	227,880	12%	1.1%
	2021 258,262 112,144 869,592 231,851 177,551 239,133	258,262 291,900 112,144 114,411 869,592 1,010,983 231,851 250,247 177,551 184,944 239,133 263,928	20212031Number258,262291,90033,638112,144114,4112,267869,5921,010,983141,391231,851250,24718,396177,551184,9447,393239,133263,92824,795	2021         2031         Number         Percentage           258,262         291,900         33,638         13%           112,144         114,411         2,267         2%           869,592         1,010,983         141,391         16%           231,851         250,247         18,396         8%           177,551         184,944         7,393         4%           239,133         263,928         24,795         10%

Source: Idaho Department of Labor Population Projections

Although all six of Idaho's regions are projected to grow over the next decade, growth is expected to disproportionately concentrate in southwestern Idaho, specifically the Boise metropolitan statistical area (MSA). The region is projected to grow by 141,391 residents by 2031, accounting for 62% of the state's total population growth. The region currently accounts for 46% of the state's total population, but the concentration of growth is expected to raise this to 48% by 2031. This will continue an established trend in Idaho of urbanization and rapid agglomeration in the Boise metro area. In 2001, southwestern Idaho accounted for only 42% of the state's population but has steadily

increased its share over time. Correspondingly, the population in the north central and southeastern regions has declined as a share of the state total. The northern, south central and eastern regions have retained a consistent overall share of the population.

Over the past decade, Idaho has seen significant in-migration of older residents, with disproportionately rapid growth in the 65 and older age groups. That in-migration is expected to continue for the foreseeable future. The 65 and older population statewide is projected to grow by 99,285 by 2031, or 30.7% – substantially faster than the age 15-to-64 population (10.1% projected growth) and the under age 15 population (a 2.5% projected growth). By far the three fastest-growing age cohorts are 85 and older (+73.9%), 80 to 84 (+62.4%) and 75 to 79 (43.4%).

This aging population has significant implications for the structure of growth in the state. As the population ages, the natural growth rate — deaths minus births — declines, both because an older population is expected to have a higher death rate and due to declining births. Over the next 10 years, a majority of Idaho counties are expected to have negative natural growth — more deaths than births. Although 26 counties have negative natural growth projections through 2031, 17 are still projected to experience overall population growth owing to high rates of in-migration.

Overall, most Idaho's counties are expected to grow through 2031. Thirty-four of the state's 44 counties have positive growth projections, and 23 counties are expected to grow more than 0.5% per year, which is the annual growth rate of the national population. However, given the continued urbanization of Idaho, it is not surprising that the highest growth projections by far belong to the four largest urban counties — Ada, Bonneville, Canyon and Kootenai. Collectively, these four counties are expected to grow by 177,740 through 2031, accounting for nearly 80% of the state's growth. As a result, by 2031 more than 72% of Idaho's population is expected to reside in urban counties, up from roughly 70% in 2021.

Overall, the demographic situation in the United States is in a state of flux. As the baby boomer generation retires, the economy is losing one of the largest and most productive generations of workers ever. At the same time, birth rates continue to steadily decline as millennials form families later in life and have fewer children on average than the generations before them. This has left the country (and by extension individual states) dependent on immigration to sustain population growth. In this environment, Idaho has gained a relative advantage as a desirable state that reliably attracts high in-migration year after year, which has consistently made Idaho one of the fastest-growing and most thriving states in the nation – an advantage that should continue into the foreseeable future.

#### **Section 2.2 - Issues**

Aging population – Census figures tell the story of an aging population. Bonner County's scenery, recreational opportunities and proximity to national park systems and urban centers have been attracting retirement-aged individuals for some time. Idaho ranked second nationwide in a recent AARP poll of best states to retire, thanks to low crime rates and favorable economic factors (American Association of Retired Persons 2012). An aging population brings many new challenges to the community, including the need for adequate medical facilities, emergency services, assisted living, public transportation systems, adult education opportunities and changing public school needs, to name a few.

- Increasing population density The jump from 9 people per square mile to 27.2 people per square mile in five decades is a dramatic change for Bonner County. When coupled with the fact that 60% of the land is publicly owned and 9.5% of the county's 1.12 million acres is surface water, the loss of "elbow room" is even more dramatic. As the community continues to grow, there will be added challenges to find suitable, developable land while balancing the various goals and objectives of the comprehensive plan.
- Areas of city impact and migration to urban areas Evidence of the move from rural areas to more urbanized communities can be found in Bonner County, as well as most of Idaho. Development in the cities and on the fringes of the incorporated areas places increasing pressures on city services that aren't always offset by property taxes or other funding sources. Bonner County's Area of City Impact (ACI) agreements with 10 cities rely on the county's regulations and comprehensive plan. Current agreements with Clark Fork, Hope, East Hope, Kootenai, Ponderay, Sandpoint, Dover, Oldtown, Priest River and Spirit Lake merely allow a review and comment period by the cities. These agreements were first written in 1978 and have been amended little since. The ACI agreements provide little in the way of thoughtful regional planning for even the immediate future, much less for any 10- or 20-year planning horizons. The county and cities should engage in further ACI discussions that will produce a coordinated plan for these areas most likely to be annexed into cities in the future.

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# **Bonner County Planning Department**

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### **BONNER COUNTY COMPREHENSIVE PLAN**

**COMPONENT: PUBLIC AIRPORT FACILITIES** 

**ADOPTED UPDATE: APRIL 12, 2023** 



# **Table of Contents**

Introduction	1
Chapter 1 - Bonner County Public Airports	
Bibliography	

### Introduction

The Bonner County Comprehensive Plan Transportation component was adopted by the Board of County Commissioners on August 15, 2002. Chapter 9 of the component addressed airports in Bonner County giving details of the four public airports and acknowledging private airstrips and heliports throughout the county. The Comprehensive Plan's Implementation component was adopted on August 30, 2005. Section 2.9 of the Implementation component has no goals, objectives nor policies pertaining to airports.

Idaho Senate Bill 1265 effective July 1, 2014, amended Idaho Code Title 21, Chapter 5, Airport Zoning Act, and Title 67, Chapter 65, Local Land Use Planning. The legislation was aimed at requiring more proactive land use compatibility planning around the state's airports by city and county entities through the local comprehensive land use planning process. The new legislation will result in closer collaboration between local zoning authorities, local airport authorities and the Idaho Transportation Department Aeronautics Division (ITD Aero) in the interest of flight and community safety. The main provisions of the new legislation are as follows:

- Identifies; in 67-6502; public airports as essential community facilities that provide safe transportation alternatives and contribute to the economy of the state.
- Requires; in 67-6508; that planning and zoning commissions consider as part of their comprehensive plan, with the assistance of ITD (if requested by the local agency) and the local airport manager (or person in charge of the airport), the current and future needs and community impacts of the airport. Political subdivisions must now include a separate section "q" in their comprehensive plans specifically addressing Public Airport Facilities within their jurisdiction or if impacted by an airport outside their jurisdiction. Component "q" listed in Idaho Code 67-6508 reads as follows:
  - (q) Public Airport Facilities An analysis prepared with assistance from the Idaho transportation department division of aeronautics, if requested by the planning and zoning commission, and the manager or person in charge of the local public airport identifying, but not limited to, facility locations, the scope and type of airport operations, existing and future planned airport development and infrastructure needs, and the economic impact to the community.
- Requires; in 67-6509, 67-6512, 67-6515A, and 67-6516; that planning and zoning commissions (and their governing boards) notify the local airport manager (or person in charge) when recommending, adopting, amending, repealing their comprehensive plan. In addition, the notification requirement pertaining to the local airport manager (or person in charge of the airport) applies to other land use actions that require public notice (i.e. Special Use Permits, Conditional Use Permits, Transfer of Development Rights, and Variances) when encroaching on the airport or which may create an aviation hazard.

In 2014 ITD Aero provided the Idaho Airports Land Use Guidelines document for counties and cities to use in determining means of protecting airports from non-compatible land uses and existing adjacent land uses from negative impacts of airports. The document also contains Federal Aviation

Administration (FAA) and ITD Aero requirements and guidelines for determining how to ensure safety of aircraft through the critical zones on take-offs and landings.

Title 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace, provides the basis for airspace protection requirements at public-use airports at the federal level by identifying and defining critical airspace surfaces around airports.

FAA Grant Assurance #20 states, "Hazard Removal and Mitigation. Airport sponsors will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport will be adequately cleared and protected..."

FAA Grant Assurance #21 states, "It (sponsor) will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft."

State Grant Assurance #23 states, "The Sponsor should have compatible land use and height zoning for the airport to prevent incompatible land uses and the creation or establishment of structures or objects of natural growth which would constitute hazards or obstructions to aircraft operating to, from, on, or in the vicinity of the subject airport."

# **Chapter 1 - Bonner County Public Airports**

There are currently four public-use airports in Bonner County. According to the FAA and ITD Aero, a public-use airport is open to and for public use without prior permission, and without restrictions within the physical capacities of available facilities. Two of the four public-use airports in the county are owned and operated by Bonner County: Sandpoint and Priest River. Both airports are also eligible for and receive airport improvement grants from the FAA and ITD Aero. The other airports, Cavanaugh Bay and Priest Lake are owned by ITD Aero and the United States Forest Service (USFS) respectively.

Bonner County has developed master plans for both the Priest River and Sandpoint airports. The master plans provide details for most of the analyses required by Idaho Code 67-6508(q). (See the current airport master plans at <a href="https://www.bonnercountyid.gov/departments/airport">https://www.bonnercountyid.gov/departments/airport</a>)

The airstrip at Cavanaugh Bay is operated by ITD Aero, is categorized as a Community airstrip and is a general aviation airport open to the public. The US Forest Service maintains the airstrip at Priest Lake, categorized as a Developed airstrip, across State Highway 57 from the Priest Lake Ranger District office and is also open to the public. There are no master plans for either of these airports but the same airspace protection rules and guidelines apply.

Protection of airspace at all four public airports can be ensured by controlling the height of buildings, structure, towers and other objects in a manner consistent with 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace. At each of the four airports the flight paths at each end of the runways pass over private properties. At Priest River and Sandpoint the north approaches pass over private properties in unincorporated areas. At Cavanaugh Bay both north and south approaches pass over private properties as well as Idaho Department of Lands property. At the Priest Lake airstrip the south approach passes over some private properties as well as US Forest Service lands.

Part 77 defines the critical airspace for visual runways servicing small aircraft (12,500 pound maximum take-off weight) as an imaginary approach surface starting at the ends of the runways (primary surfaces) extending along the runway's centerline a distance of 5000 feet at a 20:1 gradient and with a width at the upper end of the gradient of 1250 feet. The 20:1 gradient for 5000 feet results in an approach surface altitude of 250 feet above the surface elevation at the airport's primary surface. All four public airports in Bonner County need to have this amount of protection of airspace approaches.

Both the Sandpoint and Priest River airports are entirely within the corporate limits of the cities of Sandpoint and Priest River, respectively. The master plans for both the Priest River and Sandpoint airports describe the scope and type of airport operations and existing and future airport development and infrastructure needs. The master plans describe various runway protection zones both perpendicular from the runway centerlines and laterally from the ends of the runways. At both Priest River and Sandpoint the only unincorporated county areas lie north of the existing runways.

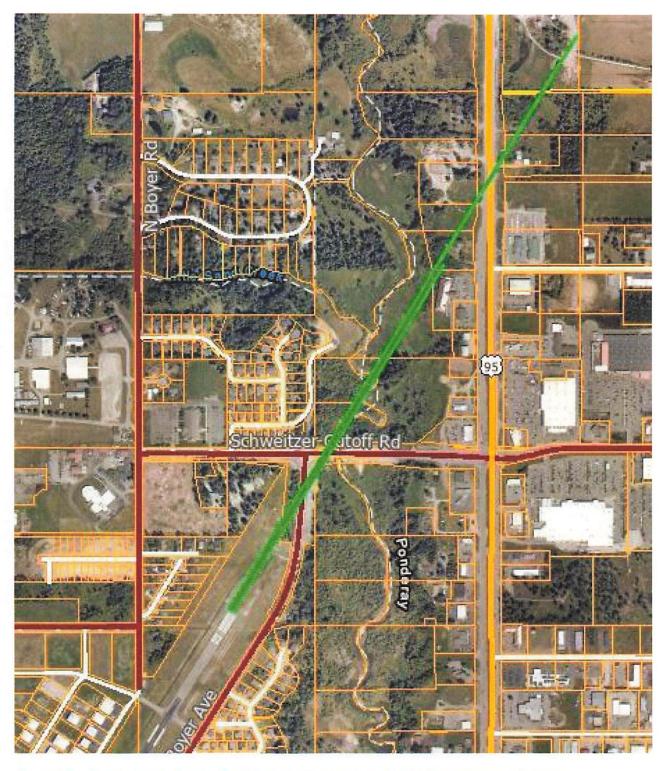


Figure 1 Sandpoint airport showing 5000 feet of critical zone north into the unincorporated area

The FAA and Idaho standards for critical zones require 5000 feet off the ends of runways to be kept free from structures or vegetation intruding into the flight path for the runways. Land use proposals

on parcels within the approach surfaces proposing development at a certain height above the ground or within a certain proximity to the airport are required per Part 77 to submit FAA Form 7460-1 to the FAA for determination that such development will not adversely impact airspace or the safety of aircraft operators.



Figure 2 Priest River Airport showing 5000 feet of critical zone north into the unincorporated area



Figure 3 Cavannaugh Bay airstrip showing 5000 feet of critical area into private properties



Figure 4 Priest Lake airstrip showing 5000 feet of critical area into private properties

# **Bibliography**

Bonner County Revised Code, Title 12. Sandpoint, Idaho: Bonner County.

Larry Wasden, Idaho Attorney General. Idaho Regulatory Takings Act Guidelines. Guidelines, Boise: Idaho Attorney General's Office, 2012.