



# Bonneville County Forest Inventory Stocks



University of Idaho  
Policy Analysis Group

## Land Base Overview

Idaho is a highly forested state. There is a variety of forest uses, owners, and different types of forest in each county. The level of carbon intake is dependent on the disturbances that occur and the forest size.

Distribution of 4102 Idaho USDA Forest Inventory and Analysis Plots by land ownership

## Area and Volume by Forest Type and Owner

	thousand acres					million cubic feet				
	BLM	Federal	Private	State	USFS	BLM	Federal	Private	State	USFS
<b>Hardwood Forest Types</b>										
Aspen	17	0	56	13	285	14	0	22	29	196
Other Hardwood	185	6	386	96	2,199	88	0	242	38	302
<b>Softwood Forest Types</b>										
Douglas-fir	214	6	667	212	4,724	394	36	1,570	471	10,686
Juniper	76	0	111	16	76	34	0	62	4	32
Ponderosa Pine	36	0	367	134	1,251	88	0	554	269	2,932
Lodgepole Pine	5	47	18	6	1,715	0	49	25	10	2,016
Other Softwood	362	40	1,372	781	6,033	517	169	2,344	1,739	19,451
<b>Total</b>	<b>894</b>	<b>99</b>	<b>2,977</b>	<b>1,258</b>	<b>16,285</b>	<b>1,134</b>	<b>254</b>	<b>4,818</b>	<b>2,561</b>	<b>35,616</b>

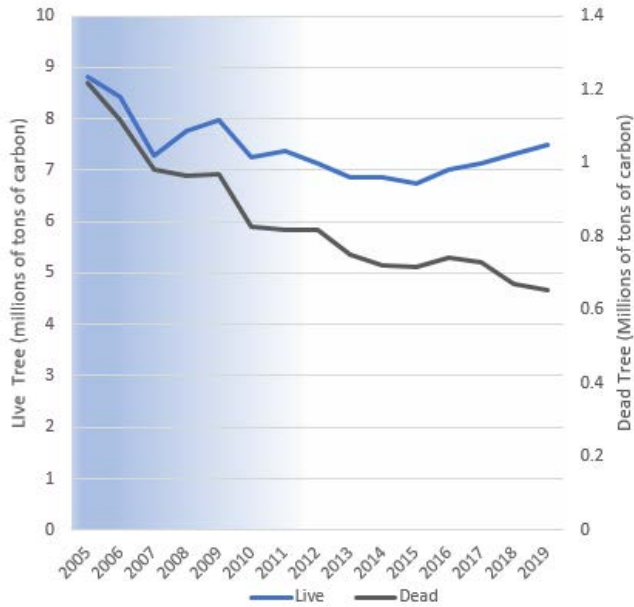


# Bonneville Forest Inventory Change

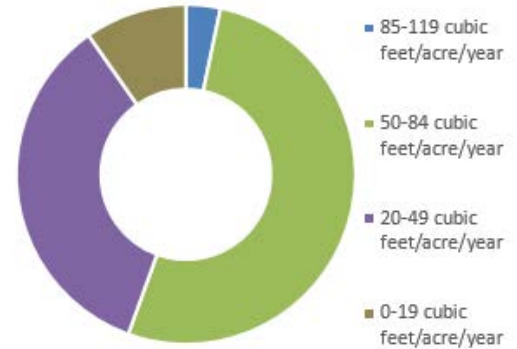


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## Forest Carbon

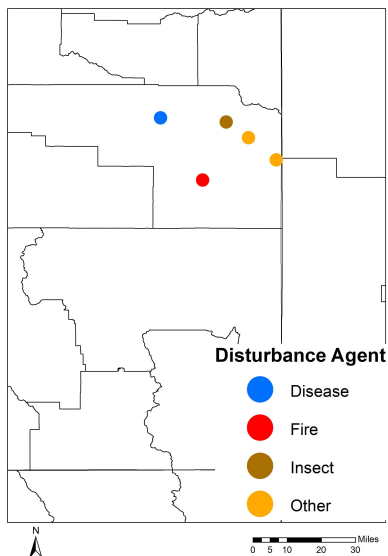


Forest Productivity Class



Forests are a significant part of the global carbon cycle. The productivity class classifies how much a forest grows every year. This affects how much carbon a forest can intake.

## Disturbance



	Forest Service	Other Federal	State/Local	Private/Native American	Total
----- acres -----					
<b>Disturbance</b>					
Disease	0	0	0	1,924	1,924
Fire	1,924	0	0	0	1,924
Insect	2,405	0	0	0	2,405
Other					
Disturbance	6,734	0	0	0	6,734
<i>Total</i>	11,063	0	0	1,924	12,987
<b>Management</b>					
Artificial	0	0	0	0	0
Cutting	0	0	0	0	0
Other Treatment	0	0	0	0	0
Preparation	0	0	0	0	0
<i>Total</i>	0	0	0	0	0
<b>Grand Total</b>	11,063	0	0	1,924	12,987

Disturbances affect the forest growth. There are many different types of disturbances, and human management is a form of disturbance. Disease is very common in Northern Idaho, and becoming a bigger problem as it infects more trees.