A very special "thank you" to those who shared their expertise, data and pictures in the making of this report:

Idaho Fire Departments Office of State Fire Marshal Department of Insurance National Interagency Fire Center Idaho Department of Lands Idaho State Fire Plan Working Group

The cover photo is of the Oregon Trails Fire in Boise, Idaho.

Costs associated with this publication are available at the office of the Idaho State Fire Marshal. This report is available in electronic format through the Department of Insurance website: http://www.doi.idaho.gov.

FLIT

Marsha 700 West State Street P. O. Box 83720 Boise, Idaho 83720-0043



# Fire In Idaho 2008

**Governor** C.L. "Butch" Otter

**Department of Insurance** William W. Deal, Director

Idaho State Fire Marshal Mark Larson

## **Mission Statement**

The State Fire Marshal's Office participates in and coordinates an integrated statewide system designed to protect human life from fire and explosions through fire prevention and the investigation of fires. The program involves fire prevention activities, arson investigations, and the operation of various statistical systems, including the Idaho Fire Incident Reporting System.

### IDAHO

### State of Idaho DEPARTMENT OF INSURANCE

**C.L. "BUTCH" OTTER** Governor 700 West State Street, 3rd Floor P.O. Box 83720 Boise, Idaho 83720-0043 Phone (208)334-4370 FAX # (208)334-4375

WILLIAM W. DEAL Director

> MARK LARSON State Fire Marshal

July 1, 2009

Honorable C. L. "Butch" Otter Governor, State of Idaho Statehouse Boise ID 83720

Dear Governor Otter,

This report is the twenty-sixth edition of the annual report from the office of the State Fire Marshal.



We have continued the effort we started last year by including excerpts from the 2008 reports from the National Interagency Fire Center, the Idaho Department of Lands and the Idaho State Fire Plan Working Group with the information from the local fire agencies in Idaho.

The cover photo for this report is a graphic illustration of the horrific results caused by uncontrolled fire in a Wildland Urban Interface area. This photo shows the importance of continuing collaborative efforts to prevent the devastation that fire can bring to individuals and communities.

I offer heartfelt thanks to my staff and everyone involved in producing this report.

Respectfully submitted,

Mark Rauson

Mark Larson State Fire Marshal

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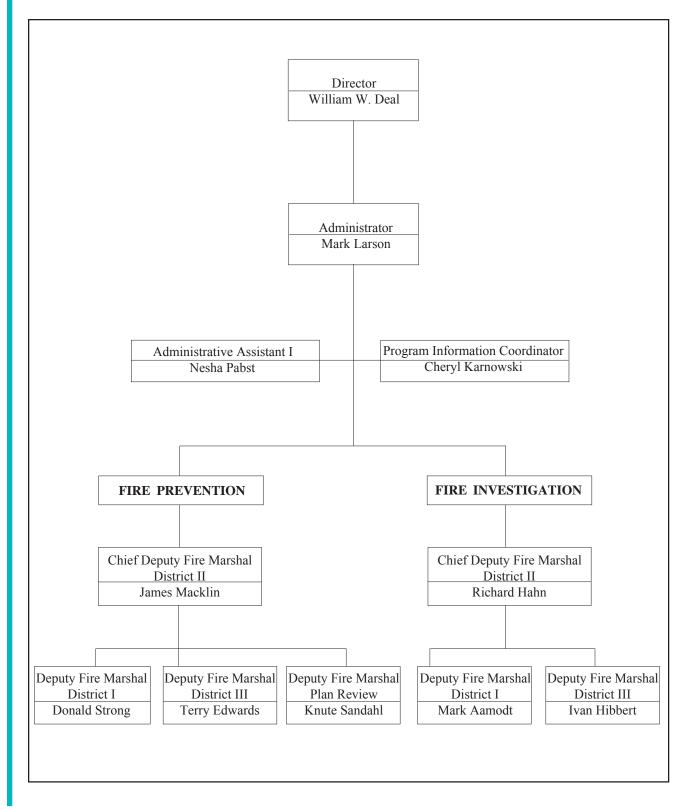
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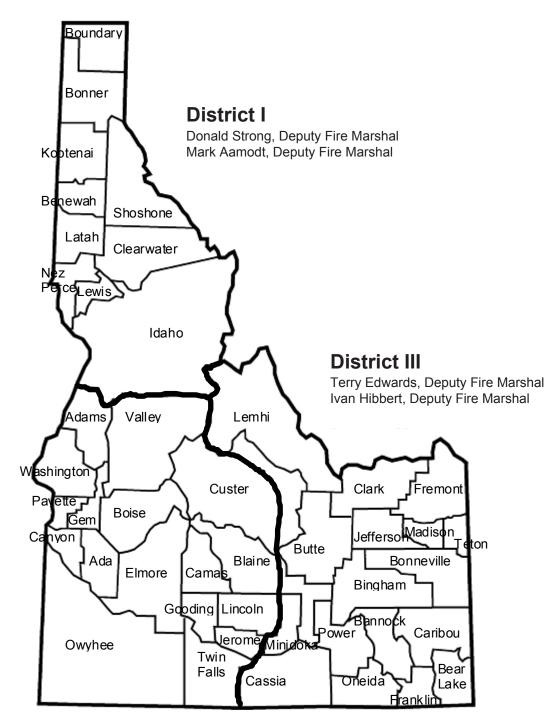




## State Fire Marshal Organizational Chart



## **State Fire Marshal Division**



### **District II**

James Macklin, Chief Deputy Fire Marshal Richard Hahn, Chief Deputy Fire Marshal Knute Sandahl, Deputy Fire Marshal

### **Boise Office Staff**

Mark Larson, State Fire Marshal Nesha Pabst, Administrative Assistant Cheryl Karnowski, Program Information Coordinator Through our offices in Boise, Coeur d'Alene, Idaho Falls and Moscow, our staff of ten dedicated individuals works with a broad spectrum of customers in both the public and private sectors.

By statute, we are responsible for:

- Adoption of the fire code as a minimum standard for the state
- Prescribing regulations and making rules related to the fire code
- Plan review on all new and remodeled state buildings for compliance with adopted fire codes
- Inspecting/testing new fire sprinkler systems and fire alarm systems in all new and remodeled state buildings
- Collecting information on all fires in the state of Idaho
- Regulation of the fire sprinkler industry
- Reviewing all plans for single service fire sprinkler systems installed in our state
- Licensing fireworks wholesale and import businesses
- Compliance, by cigarette manufacturers, with the Idaho's law for reduced ignition propensity by ensuring cigarettes sold in Idaho meet our new safety standards
- Training and certification provided to local authorities who apply the provisions of the adopted statewide fire code
- Serving as an avenue for appealing a local code application before it goes to district court
- Serving as the chief arson investigator for the state of Idaho

We also provide assistance to our customers by:

- Providing assistance to local fire jurisdictions with plan reviews, inspections and code interpretation
- Conducting classes in fire investigation and code application
- Answering questions and providing statistical research for:
  - o Architects
  - o Engineers
  - o Fire code officials
  - o Developers
  - o Attorneys
  - o Elected officials
  - o Law enforcement
  - o Individual citizens
- Participating in numerous arson task forces throughout the state as well as regional fire chiefs' associations
- Participating in the development of fire and life safety standards on the national level
- Serving as an active member of the Idaho State Plan Working Group
- Working with the Northwest Insurance Council to establish an Arson Hotline and a reward for information program

## **Idaho State Fire Marshal Staff**

Mark Larson, State Fire Marshal Nesha Pabst, Administrative Assistant Cheryl Karnowski, IFIRS Program Coordinator 700 West State Street, 3<sup>rd</sup> Floor Boise ID 83720-0043 208-334-4370

### Fire Origin and Cause Investigation

### District I

Mark Aamodt 2005 Ironwood Parkway #143 Coeur d'Alene ID 83814 208-769-1447

### **District II**

Chief Deputy Fire Marshal 700 West State Street, 3<sup>rd</sup> Floor Boise ID 83720-0043 208-334-4370

#### **District III**

Ivan Hibbert 1820 East 17<sup>th</sup> Street, Suite 220 Idaho Falls ID 83404 208-525-7209

### **Fire Prevention**

#### **District I**

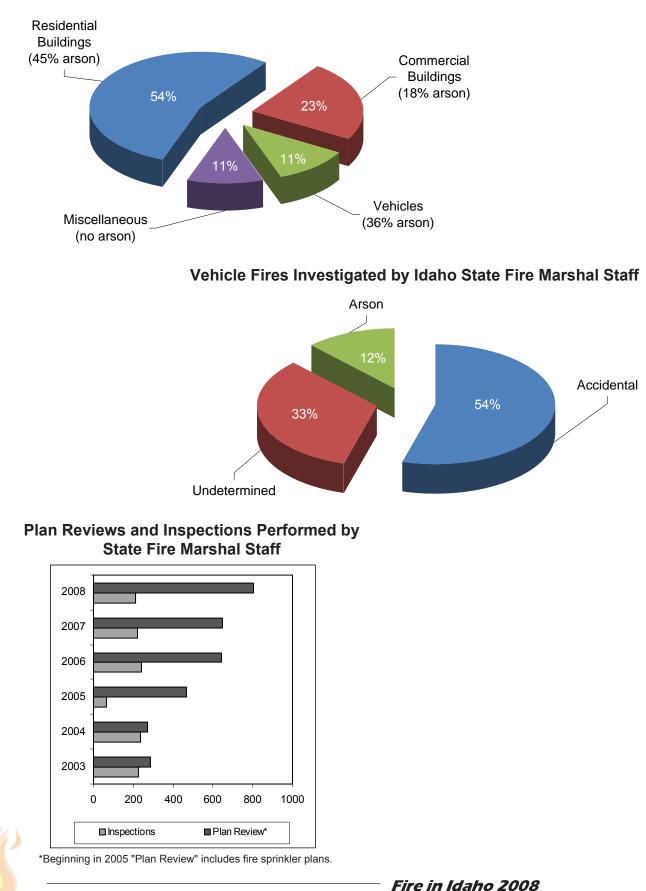
Don Strong (home/office) Moscow ID 83843 208-882-2368

#### **District II**

James Macklin Knute Sandahl 700 West State Street, 3<sup>rd</sup> Floor Boise ID 83720-0043 208-334-4370

### **District III**

Terry Edwards 1820 East 17<sup>th</sup> Street, Suite 220 Idaho Falls ID 83404 208-525-7022



Structure Fires Investigated by Idaho State Fire Marshal Staff

## **Idaho State Fire Marshal Classes**

### **International Fire Code**

This course of instruction is designed to provide exposure to the contents of the International Fire Code and can be presented to fire department personnel upon request of the jurisdiction. The course is presented with the intent to provide continuity and consistency of code application throughout the state. A four-hour certification test is conducted at the end of the course.

### Access and Water Supplies Code Requirements and Alternatives

This program pertains to Chapter 5 of the International Fire Code, which includes requirements for access roads and water supplies. The program is designed to provide consistency with the intent of the International Fire Code and its application and interpretation throughout the state. The alternatives are based on other nationally recognized standards to meet the intent of the International Fire Code. The program is intended for fire chiefs, code officials, fire district commissioners, county commissioners, land use planners and other interested parties.

### Arson Detection for the First Responder

This class provides the first responder with knowledge and awareness of possible incendiary fires.

### **Origin and Cause Fire Investigation**

This 16-hour program is based on the National Fire Protection Association (NFPA) 921 Guide for Fire and Explosion Investigations and provides the student with basic origin and cause fire investigation knowledge and principles.

### Arson Investigation and Evidence Preservation

The objective of this program is to instruct students towards a positive approach on arson investigation and prosecution by using multi-agency investigation for a successful arson case. Law enforcement agencies, the Idaho State Police Forensic Lab and the office of the Idaho Attorney General participate with the Idaho State Fire Marshal's Office in instructing this 24-hour course.

### Introduction to National Fire Incident Reporting System (NFIRS)

This course is designed to provide an introduction to and experience with the NFIRS 5.0 all-incident reporting system. Students will become acquainted with the purposes and benefits of incident reporting at the local, state and national levels and will receive a basic introduction to all modules and their uses.

## **Idaho State Capitol Building Renovation Update**

The restoration and expansion of our State Capitol Building is nearing completion. Reviewing plans and insuring compliant installation of fire protection systems has been paramount for the State Fire Marshal's Office. Fire sprinkler installation has posed some unique design challenges that required a fair amount of code interpretation. This was largely a result of building materials and methods used when the capitol was first constructed in 1905. Utilizing the provisions of the 2006 edition of the International Fire Code as adopted and referenced National Fire Prevention Association Standards this office, in partner-ship with the various design professionals, was able to overcome these challenges.

In addition to the installation of fire sprinklers and alarms, additional exiting has been provided to allow a more orderly and timely evacuation of the building in the event of an emergency. The Rotunda, Senate and House Chambers, and other areas are equipped with the newest early detection technology. When this project is completed, through the collaborative efforts of the architects, engineers, code officials and elected officials involved, our State Capitol Building will increase the opportunity for public involvement in the legislative process, improve safety, and serve as a showcase for generations to come.



Both fire sprinkler and fire alarm systems have been installed and are being tested for compliance.



Final touches are being applied to the Senate and House Chambers.



Scaffolding has been removed and architectural details have been restored.



Much of the landscape and exterior details have been completed in anticipation of the completion in late 2009.

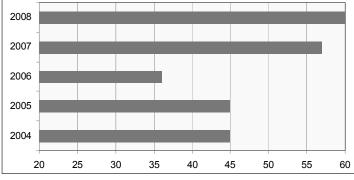


Construction of stair towers will allow better evacuation routes during an emergency.

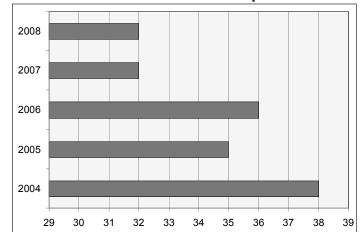
Fire in Idaho 2008

## **Certification and Licensing Five-Year Trend**

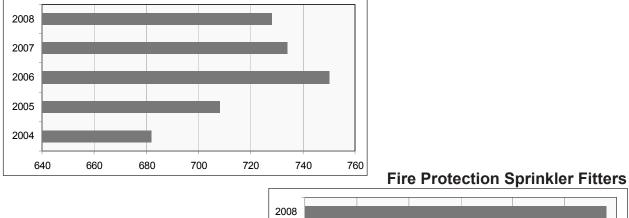
## Fire Protection Sprinkler Contractor Licenses

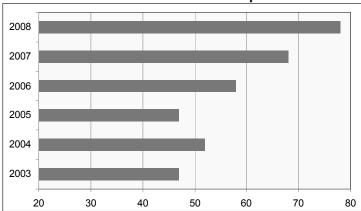


### **Fireworks Wholesale or Import Licenses**



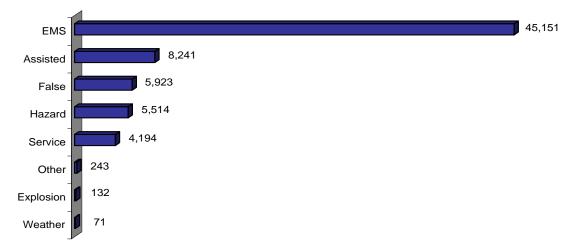
### **Fire Inspectors**





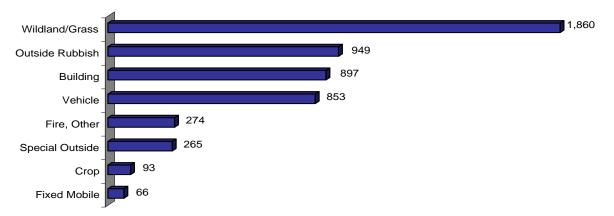
Fire in Idaho 2008

## **Incident Summary**



Non-Fire Responses (Mutual Aid Given Reports not included)

### Fire Responses (Mutual Aid Given Reports not included)



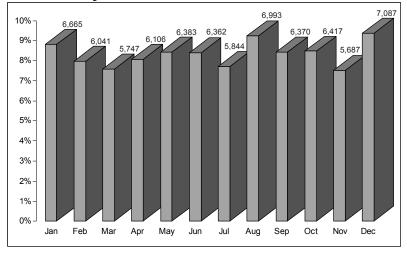
### Total Responses by Incident Type (Includes Mutual Aid Given Reports)

	Incident Count	% of Total Incidents	Average Response Time (minutes)	Average Personnel per Incident	Average Apparatus per Incident	\$ Loss	Civilian Casualties	Fire Service Casualties
EMS	47,129	59%	7.5	4	1	\$842,600	0	25
Assisted	9,213	11%	5.2	4	2	\$3,400	0	2
Fire	7,081	9%	14.4	8	3	\$77,035,002	84	42
False	6,275	8%	6.6	7	3	\$15,000	0	0
Hazard	5,678	7%	5.5	3	2	\$1,188,735	0	2
Service	4,345	5%	8.0	4	1	\$133,360	0	0
Other	254	0%	6.7	2	1	\$14,800	0	9
Explosion	142	0%	6.2	8	3	\$24,825	0	0
Weather	72	0%	9.3	4	2	\$592,200	0	0
Total	80,189	100%				\$79,849,922	84	80

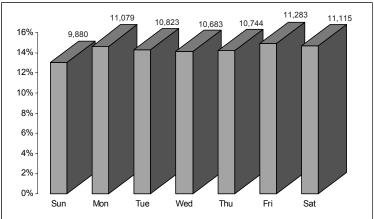
## Summary Statistics

## Month, Day and Hour (Includes Mutual Aid Given Reports)

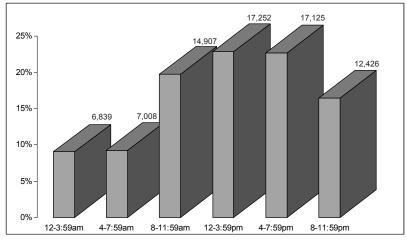
### **Incidents by Month**



### Incidents by Day

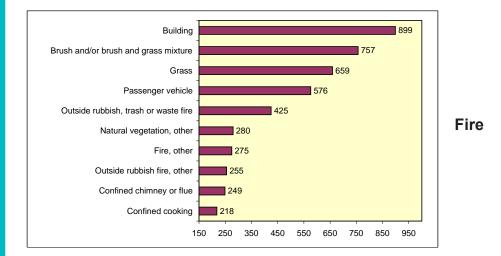


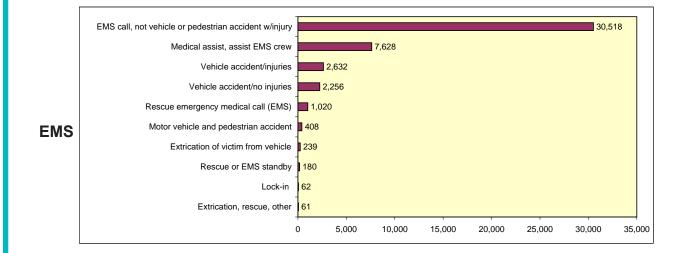
### Incidents by Hour

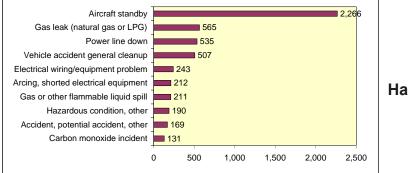




## **Top 10 Incident Types by Incident Categories** (Mutual Aid Given Reports not included)

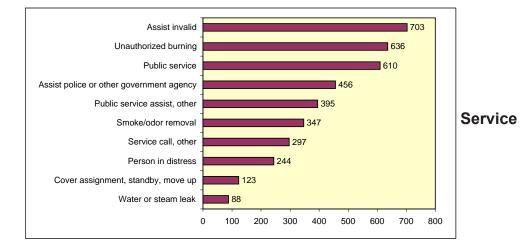


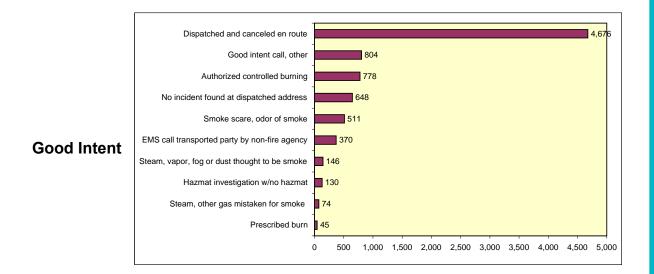


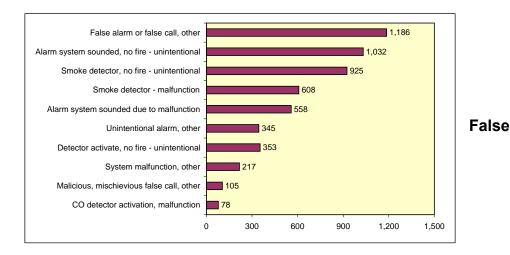




## **Top 10 Incident Types by Incident Categories (cont)** (Mutual Aid Given Reports not included)

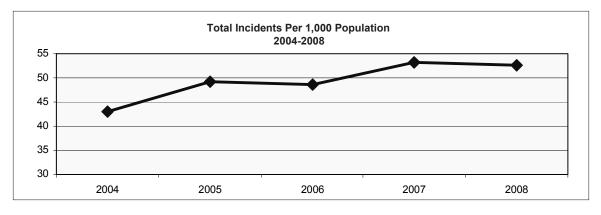


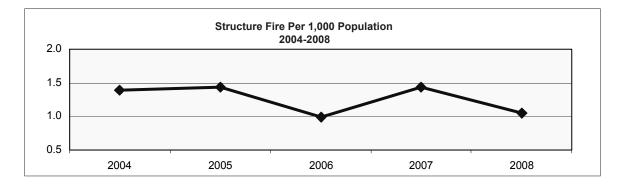


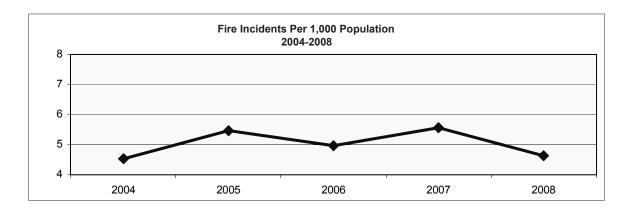


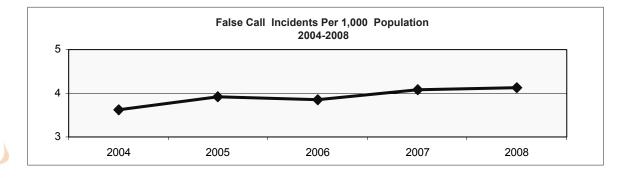
Fire in Idaho 2008

## **Five-Year Trends**

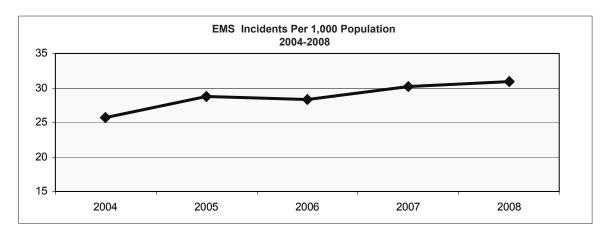


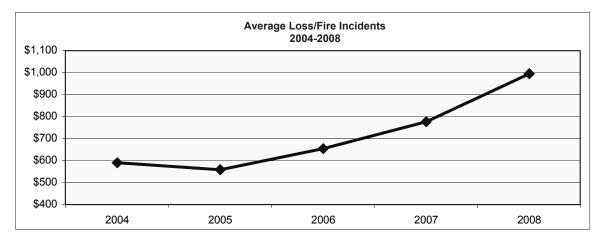


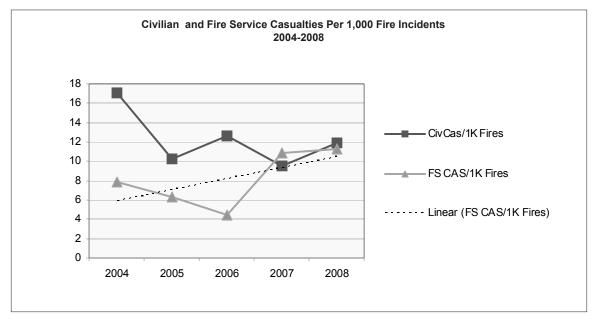




## **Five-Year Trends (cont)**

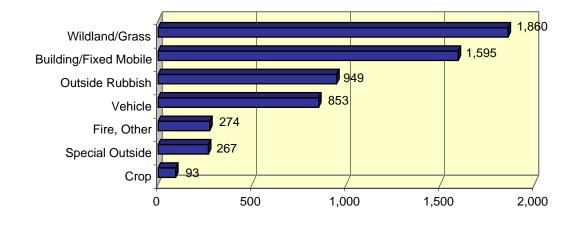






Fire Groups	Incident Count	% of Total Fire Incidents	\$ Loss	Civilian Casualties	Fire Svc Casualties
Wildland/Grass	1,860	32%	\$236,202	15	4
Building/Fixed Mobile	1,595	27%	\$69,846,961	49	33
Outside Rubbish	949	16%	\$41,405	1	1
Vehicle	853	14%	\$5,655,746	17	3
Fire, Other	274	5%	\$793,112	2	0
Special Outside	267	5%	\$515,486	0	1
Crop	93	2%	\$344,100	0	0
Totals	5,891	100%	\$77,433,012	84	42

### **Fires in Idaho** (Mutual Aid Given Reports not included)





Weippe Log Mill Fire Photo from Clearwater Tribune



Arco Fire District



Garden Valley Rural Fire Protection District



Fort Hall Fire Protection District

## Fire Stations Across Idaho



Sam Owen Fire Department



Cambridge Volunteer Fire Department







**Chubbuck Fire Department** 



Inkom Fire Department

## Fire Stations Across Idaho



**Rexburg-Madison County Emergency Services** 



Wood River Fire Protection District





Gem County Fire Protection District #1

Fire in Idaho 2008

	Incident	% of Total	Response Time		% of Total	Civilian	% of Total	Fire Svc	% of Total
	Count	Incidents	(minutes)	\$ Loss	\$ Loss	Casualties	Civ Cas	Casualties	FS Cas
Residential	1,175	74%	7.7	\$32,150,296	46%	47	96%	20	65%
Storage	146	9%	10.0	\$10,433,880	15%	1	2%	5	16%
Outside/Special Prop	81	5%	1.0	\$710,600	1%	0	0%	0	0%
Business	53	3%	6.3	\$2,698,725	4%	0	0%	3	10%
Manufacturing	32	2%	7.8	\$520,400	1%	1	2%	2	6%
Assembly	34	2%	13.5	\$14,683,270	21%	0	0%	0	0%
Health Care/Jail	22	1%	5.0	\$151,800	0%	0	0%	0	0%
Other	6	0%	12.7	\$20,500	0%	0	0%	0	0%
Industry/Utility/Defense	24	2%	9.6	\$3,974,000	6%	0	0%	0	0%
Educational	20	1%	4.4	\$17,050	0%	0	0%	0	0%
None	1	0%	0.0	\$5,000	0%	0	0%	0	0%
Undetermined	4	0%	27.0	\$4,201,000	6%	0	0%	1	3%
Total/Average	1,598			\$69,566,521		49		31	

Although residential fires represented 74% (up 2% from 2007) of all structure fire incidents in 2008, they accounted for 96% of civilian casualties (up 14% from 2007) and 65% of fire service casualties (up 7% from 2007). Residential fires represented 46% of total structure fire losses.

In 2008, the average response time for all reported structure fires was 15.9 minutes and the average response time for residential fires was 7.7 minutes.

In the National Fire Incident Reporting System, "structure" is defined as an assembly of materials forming a construction for occupancy or use to serve a specific purpose. This includes, but is not limited to, buildings, open platforms, bridges, roof assemblies over open storage or process areas, tents, air-supported structures and grandstands.

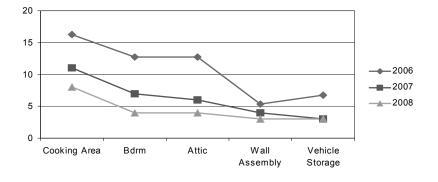
"Residential" describes a building or structure providing living or sleeping accommodations.



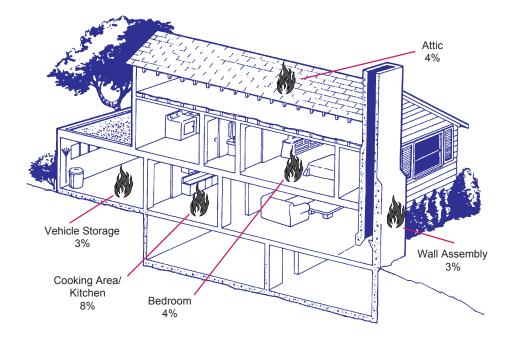
Woodstream Fire Eagle Fire Department Photo taken by Randy Bloom



### Top 5 Identified Areas of Origin for Residential Structure Fires (2006-2008)



### **Top 5 Identified Areas of Origin for Residential Structures**



### **Residential Fire Area of Origin**

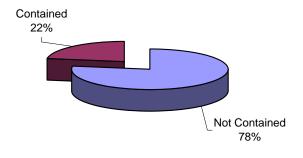
(Mutual Aid Given Reports not included)

	Incident	% of Total	Response Time	\$ Loss	% of Total	Civilian	% of Total	Fire Svc	% of Total
	Count	Incidents	(minutes)		\$ Loss	Cas	Civ Cas	Cas	FS Cas
Cooking area, kitchen	120	8%	6.3	\$1,857,300	3%	16	33%	0	0%
Bedrm - less than 5 persons; jail/prison included	59	4%	6.4	\$1,174,500	2%	7	15%	5	16%
Attic:vacant crawl space above top story, cupola	59	4%	6.8	\$1,822,400	3%	0	0%	2	6%
Undetermined	44	3%	11.4	\$2,888,000	4%	1	2%	2	6%
Wall assembly	43	3%	7.3	\$2,111,720	3%	0	0%	1	3%
Vehicle storage area; garage, carport	42	3%	6.7	\$1,941,400	3%	2	4%	0	0%
Common rm, den, family rm, living rm, lounge	33	2%	7.2	\$710,745	1%	4	8%	0	0%
Wall surface: exterior	30	2%	6.4	\$1,300,350	2%	0	0%	2	6%
Function area, other	30	2%	8.3	\$1,504,200	2%	0	0%	1	3%
Laundry area, wash house	29	2%	6.0	\$1,827,663	3%	0	0%	0	0%
Totals	489	31%	7.3	\$17,138,278	25%	30	63%	13	42%
Total Residential Fire Incidents	1,175	74%	7.8	\$32,150,644	46%	47	98%	20	65%
Total Structure Fire Incidents	1,595		15.9	\$69,448,951		48		31	

		% of Total		% of Total		% of Total Civ		% of Total FS
	Incident Count	Incidents	\$ Loss	Loss	Civilian Cas	Cas	Fire Svc Cas	Cas
Not Contained	1,279	78%	29,565,581	91%	49	80%	19	90%
Contained	371	22%	\$2,841,939	9%	12	20%	2	10%
Total	1,650		\$32,407,520		61		21	

### **Residential Structure Fire Spread - Contained in Room of Origin**

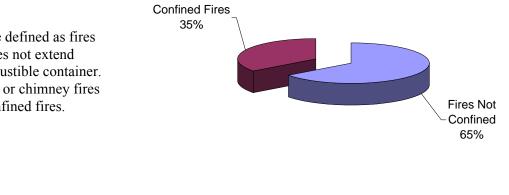
### Fire Contained in Room of Origin



"Contained fire" is defined as fire spread that is reasonably expected to remain in check under prevailing conditions.

	Incident Count	% of Incident Count	\$Loss	Civilian Casualties	Fire Svc Casualties
Fires Not Confined	1,032	65%	\$69,376,183	42	33
Confined Fires	563	35%	187,407	7	0
Total	1,595		\$69,448,931	49	33

Structure Fires - Confined/ Not Confined Fires (Building/Fixed Mobile Property Incidents not including Mutual Aid Given Reports)



"Confined fires" are defined as fires where the flame does not extend beyond a non-combustible container. Stove top, trash can or chimney fires are examples of confined fires.

## **Top 10 Large Fire Loss Events**

-					
Estimated Dollar Losses & Value	Date	Location	Responding Fire Department	Property Use	Heat Source/Cause of Fire
\$10,500,000	12/18/2008	Sandpoint	Northside Fire Protection District	Clubhouse	Undetermined- Under Investigation
\$ 7,000,000	5/25/2008	Caldwell	Caldwell Fire Department	Grain elevator, silo	Undetermined- Under Investigation
\$ 4,000,000	3/2/2008	Nampa	Nampa Fire Department	University gymnasium	Cigarette Lighter- Intentional
\$ 2,001,000	1/20/2008	Lewiston	Lewiston Fire Department	Wastewater treatment plant	Undetermined- Under investigation
\$ 1,850,000	10/9/2008	Priest Lake	West Priest Lake Fire Department	1- or 2-family dwelling	Chemical Reaction-Under investigation
\$ 1,500,000	8/18/2008	Jerome	Jerome Rural Fire District	Dairy barn	Undetermined- Under investigation
\$ 1,400,000	11/19/2008	Coeur d'Alene	Mica-Kidd Island Fire Protection District	1- or 2-family dwelling	Flying Embers- Unintentional
\$ 999,000	11/1/2008	Chubbuck	Chubbuck Fire Department	1- or 2-family dwelling	Candle-Under investigation
\$ 750,000	11/12/2008	Eagle	Eagle Fire Department	1- or 2-family dwelling	Smoldering object- Unintentional
\$ 650,000	1/13/2008	Coeur d'Alene	Coeur d'Alene Fire Department	Stores/apartments multi- use building	Undetermined- Under investigation



Sweeney Fire West Priest Lake Fire Department

Fire in Idaho 2008

## **Structure Fires by Property Use**

400 Resid	Property Use # of Structur	e Fires
400 Resid 419 1- or 2	ential, other	38
419 1- or 2		38
1-012	2-family dwelling, detached, manufactured home, mobile home not in transit,	
		1000
429 Multi-t tenem	family dwelling - includes apartments, condos, town houses, row houses, nents	112
439 Board	ing/rooming house - includes residential hotels and shelter	5
449 Hotels	s/motels, commercial	10
	ential board and care - includes long-term care facilities, halfway houses, and ed-care housing facilities; excludes nursing facilities	3
460 Dormi	itory type residence, other	2
462 Sorori	ity house, fraternity house	3
464 Barrae	cks, dormitory	2
Dubli		
Asser	c Property Uses	38
	ational	20
	care, detention and correction	25
	antile, business	56
<u>Other</u>	Property Uses	
-	, defense, agriculture, mining, other	6
610 Energ	y production plant, other	1
639 Comn	nunications center	1
642 Electr	ical distribution - includes electrical substation, transformers, and utility poles	3
647 Water	utility	2
648 Sanita	ation utility	1
659 Livest	ock production	10
transf factor	facturing, processing; properties where there is mechanical or chemical ormation of inorganic or organic substance into new products; includes ies making products of all kinds and properties devoted to operations such as ssing, assembling, mixing, packing, finishing or decorating and repairing	32
800 Storag	ge, other	3
807 Outsid	de material storage area	6
808 Outbu offices	ilding or shed includes tools and contractor sheds, excludes contractor field s	105
819 Livest	ock, poultry storage - includes barns, stockyards, and animal pens	5
839 Refrig	erated storage	1
880 Vehic garag	le storage, other - includes airplane and boat hangers; excludes parking es	3
	ng garage, detached residential garage - includes detached parking structures iated with multifamily housing	17

## Structure Fires by Property Use (cont)

NFIRS Code	Property Use #	# of Structure Fires	
882	Parking garage, general vehicle - includes bus, truck, fleet, or commerci structures	al parking 1	
891	Warehouse includes all general storage facilities - excludes refrigerated	storage 2	
899	Residential or self-storage units - includes mini-storage units	1	
900	Outside or special property, other	8	
919	Dump, sanitary landfill	1	
926	Outbuilding, protection shelter; includes toll booths, weather shelters, matelephone booths, privies, charitable collection boxes and aerial tramway excludes parking garages	-	
931	Open land or field - includes grasslands and brushlands; excludes crops under cultivation	s or areas 17	
936	Vacant lot; undeveloped land, not paved; may include incidental or unter growth or building material or debris	nded plant 4	
938	Graded and cared-for plots of land - includes park cemeteries, golf cours residential yards	ses and 4	
940	Water area, other	1	
960	Street, other	3	
961	Highway or divided highway - includes limited-access highways with few intersections or at grade crossings	2	
962	Residential street, road or residential driveway	4	
965	Vehicle parking area excludes parking garages, includes paved non-res driveways	idential 3	
981	Construction site - excludes buildings under construction or demolition b structures under construction or demolition should be classified by their or former use	8	
983	Pipeline, power line or other utility right of way	2	

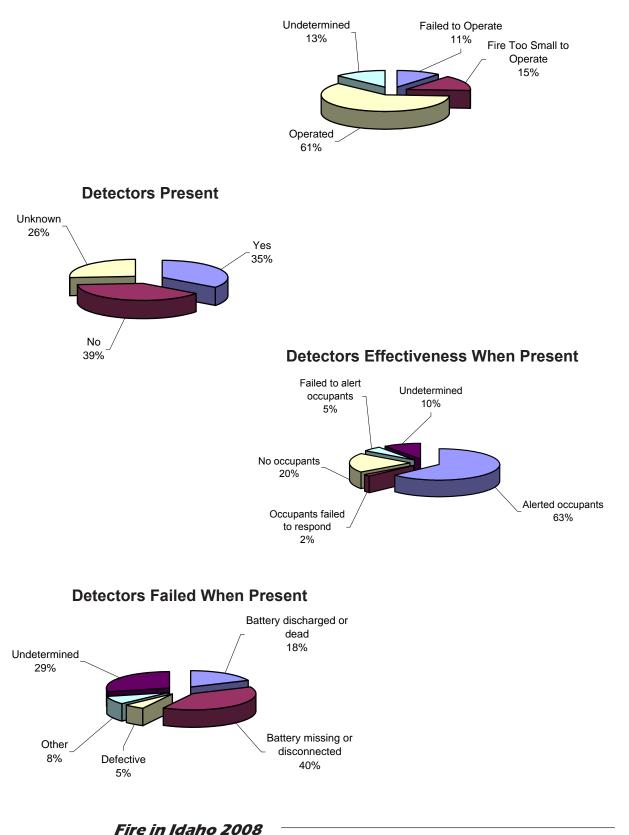


Red Hog Fire Mica-Kidd Island Fire Protection District

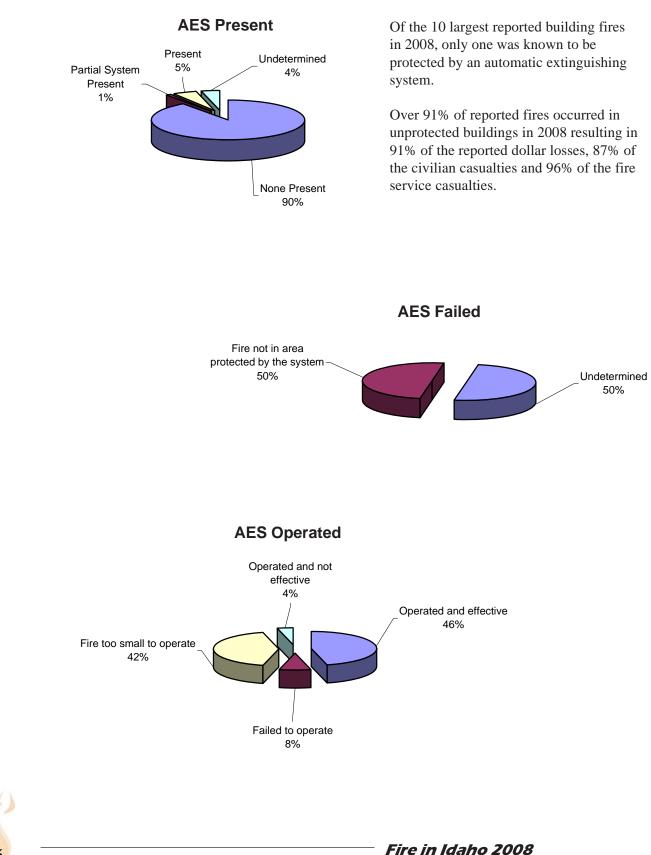
Fire in Idaho 2008

## **Smoke Detector Performance** (Mutual Aid Given Reports not included)

### **Detectors Operation When Present**

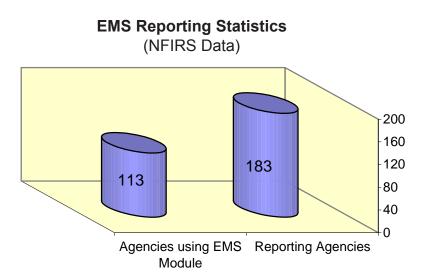


## **Automatic Extinguishing Systems (AES)** (Mutual Aid Given Reports not included)



26





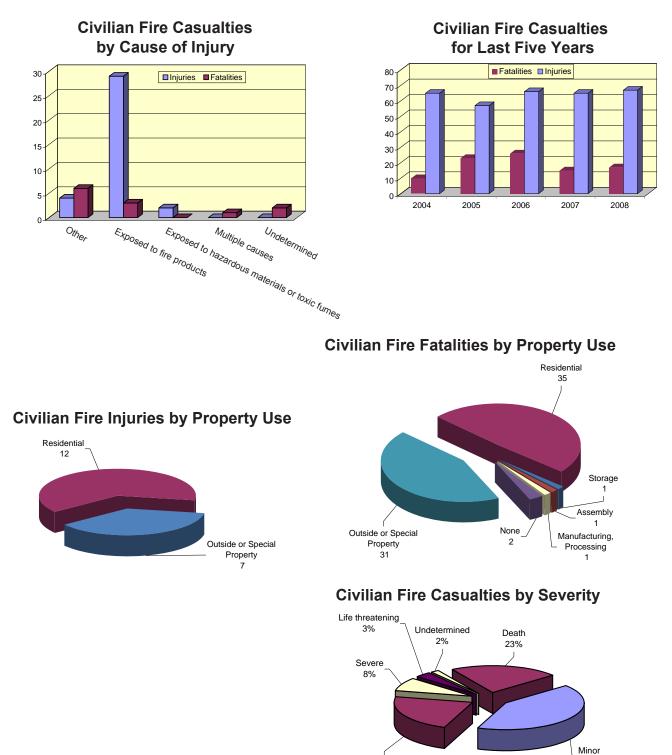
There were 47,149 incidents reported with an EMS incident type. The EMS Module was used for 43,328 of those incidents.

Of the 183 agencies reporting incidents in 2008, 113 (67%) used the EMS Module.



## **Injuries and Fatalities**

A "Civilian fire casualty" is a person who is injured or dies as a direct result of a fire-related incident. In this circumstance the term civilian includes, but is not limited to, private citizens, emergency medical service responders (not fire department personnel) and police.



Fire in Idaho 2008

Moderate 23%

41%

## **Civilian Fire Casualties**

## **Civilian Fire Fatalities**

#### 1/2/2008

Clearwater County Female – 83 years old 1- or 2-family dwelling - Electrical

2/19/2008 Twin Falls County Female – 2 years old 1- or 2-family dwelling – Undetermined

4/20/2008 Nez Perce County Male – 66 years old Multi-family dwelling – Undetermined

5/2/2008 Valley County Male – 1 year old Male – 6 years old Male – 52 years old Aircraft fire – In-flight collision

5/16/2008 Bonner County Male – 84 years old 1- or 2-family dwelling - Undetermined

5/27/2008 Twin Falls County Male – 70 years old Mobile home – Cigarette

7/8/2008 Latah County Female – 88 years old 1- or 2-family dwelling – Undetermined 8/25/2008 Ada County Female – 60 years old Brush and grass Fire – Equipment

9/13/2008 Kootenai County Male – 49 years old Male – 25 years old Road freight vehicle fire – Undetermined

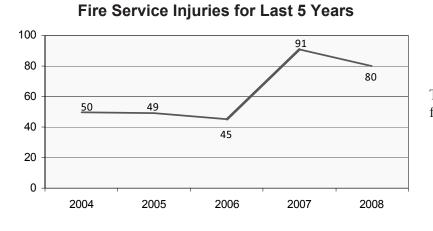
11/23/2008 Kootenai County Female – 73 years old Multi-family dwelling – Undetermined

11/27/2008 Kootenai County Male – 41 years old Boat Fire – LP gas leak

12/6/2008 Canyon County Male – 21 years old 1- or 2-family dwelling – Accidental

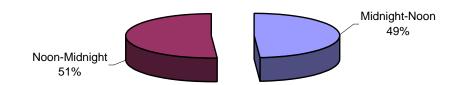
12/8/2008 Kootenai County Male – 83 years old Passenger car – Undetermined





There have been no fire service fatalities for the last 5 years.

Fire Service Injuries by Time of Day

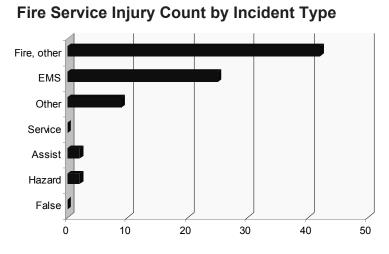


### Fire Service Injuries When Fire is Contained in Room of Origin

		% of Total		% of Total		% of Total FS
	Incident Count	Incidents	\$ Loss	Loss	Fire Svc Cas	Cas
Not Contained	1,527	2%	\$68,705,630	86%	32	40%
Contained	474	1%	\$1,937,388	2%	2	3%
Total	80,187		\$79,782,802		80	

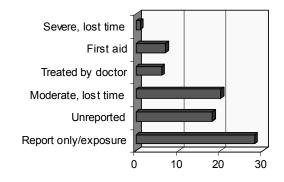
A "Contained fire" is defined as fire spread that is reasonably expected to remain in check under prevailing conditions.

## **Fire Service Injuries**

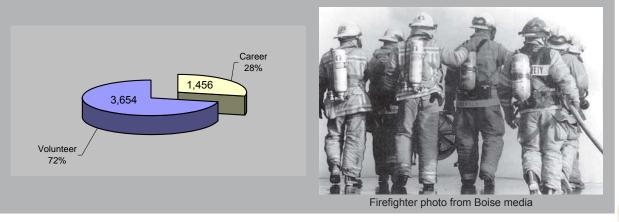


"Fire service casualties" are all injuries, deaths or exposures to fire service personnel including casualties occurring in conjunction both with incident responses and non-incident events such as station duties or training.

### Fire Service Injuries by Severity of Injuries



### **Career and Volunteer Firefighters in Idaho**



Fire in Idaho 2008



Idaho Falls Fire Department

Weippe Rural Volunteer Fire Department

## Fire Stations Across Idaho



**Bonners Ferry Fire Department** 





Shoshone County Fire District 2 - Kellogg Station



Paradise Valley Fire Department

## The Importance of Data Quality Control in Fire Department Incident Reporting

The incident report is a legal record.

The incident report must accurately reflect the event.

The incident data is used at local, state and national levels.

The incident report is not static. Details of the report should change as more information becomes available due to further investigations by the fire department or due to a change as a direct result of the initial incident. The incident report is updated whenever the conditions or facts of the incident change.

Reporting errors are grouped into two categories, critical and warning.

Critical Error – data that is required and must be provided on the report to allow the report to be complete or valid. A report with a critical error is marked as an invalid incident.

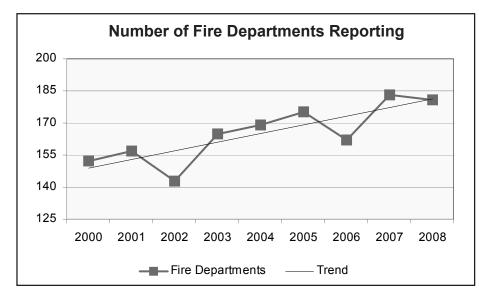
Warning Error – data that is either missing or incorrect on the report; a warning error will not prevent the report from being marked as complete or valid.

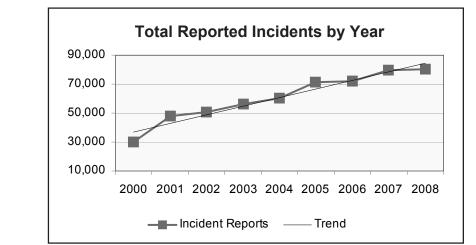
## Examples of quality issues that may not show up as errors to the system but need a recheck for correctness, such as:

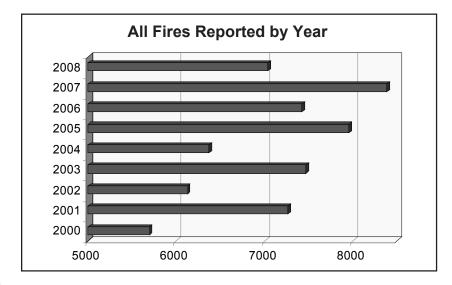
- "Alarm, Arrival and Last Unit Cleared" dates and times can significantly effect the response time calculation.
- "Undetermined" or "Under Investigation" reports can be revised if the cause was determined at a later date.
- Property and Content Loss are estimates and provide valued information for determining the magnitude of the fire problem and possible financial support for fire protection. Insurance companies do not use report estimates for replacement value of property or contents.



### **Reporting Trends**







Fire in Idaho 2008

### **Departments NOT Reporting in 2008**

These non-reporting departments had not submitted incidents as of May 1, 2009. Their reports may have had an effect on the statistics.

Aberdeen/Springfield Fire District Ace Fire Protection Association Unit Albion Fire Protection District American Falls City Fire Department Ammon Fire Department Arco Fire Department Arimo Fire Protection District Bear Fire District **Bovill Fire Department** Bruneau Fire Protection District Camas County/Fairfield Fire Department Cambridge Fire Protection District Caribou County Fire Department Carrot Ridge Volunteer Fire District **Castleford Fire Department** Centerville Volunteer Fire District **Clearwater Fire Service Craigmont Fire Department** Culdesac Volunteer Fire Department Downey Volunteer Fire Department Dubois City Fire Department Elk City Volunteer Fire Department Elk River Fire Department Evergreen Rural Fire District Gibbonsville Volunteer Fire Department Grace Fire Department Grandjean Volunteer Fire Department Grangemont Volunteer Fire District Greer Rural Fire Protection District Hamer Fire Protection District High Valley Fire Protection Association Hope-East Hope Volunteer Fire District Inkom Fire Department Kendrick Volunteer Fire Department

Lapwai Fire Department Leadore Fire Department Lemhi County Fire Protection District Lewiston Haz Mat Team Meadows Valley Fire Protection District Mullan Volunteer Fire Department Movie Springs Fire Department Nezperce Fire Department North Fork Fire District **Oneida County Fire Protection District** Pahsimeroi Fire Protection District Parma Fire Department Pierce Volunteer Fire Department **Placerville Fire Protection District** Pocatello Valley Fire Department American Falls Rural Fire District **Raft River Fire Protection District Reubens Fire Department Roberts Fire Department Rockland Rural Fire District** Salmon Tract Rural Fire Protection District Shoshone City Fire Department Shoshone Co Fire Protection Dist #3 South Idaho Timber Protective Association Spirit Lake Fire Protection District St. Joe Valley Fire District Stibnite Fire Department Stites Fire Department Tensed Rural Fire District **Tipanuk Fire District** Ucon Fire Department West Jefferson Fire Control District Yellow Pine Volunteer Fire Department

FDID	DEPARTMENT NAME	POPULATIO PROTECTED	EXPLO	EXPLOSION	COL EMS	HAZARDOU HAZARDOU	SERVICE	ASSISTED	DIS FALSE ALARM	NATURAL DISASTER	OTHER	TOTALS	PERCENTO	\$1055	FIRE SVC FATALITY FATALITY	FAIGNC	CIVILIAN NJURY CIVILIAN CIVILIAN	IAN
		*	100	200	30	400	5	600	20	008	006			$\uparrow$				$\square$
	ADA COUNTY														-			Π
01100	BOISE FD	222,000	4,	5 32		9,885 959		769 1,	,573 1,3 425	1,376	e c	23	14,586	18%	\$4,430,000 #707 200	7	-	15
01246	EAGLE FU KUNA RURAL FIRE DIST	25.00			2 0	738				9/ 52	0 0	7 0	1,120	1%	0\$,1814			
01313	MERIDIAN FD	85,000				2,318				393	0 0	2	3,921		\$2,196,150	2	÷	
01236	NORTH ADA CTY FIRE & RESCUE	25,000				01				192	0		2,152		\$0			T
01342						322	22			36	0		585	1%	\$5,500	-		
	TOTALS	ALS 389,500	00 1,223	3 39	9 15,422	22		1,443 2,	,820 2,1	2,146	e	29	23,659	30%	\$7,428,940			
	ADAMS COUNTY																	
03338	BEAR FIRE DIST		14		0	0	0	0	0	0	0	0	0	%0	\$0			
03320	COUNCIL VALLEY VFD	1,000		6	0	23	-	0	2	0	0	-	36	%0	0\$			
03310	CUPRUM FD				0	0	0	0	0	0	0	Ŷ	Activity	%0	0\$			
03334	INDIAN VALLEY RURAL FD	600		9	0	0	-	-	-	0	0	0	6	%0	\$4,000			
03340	MEADOWS VALLEY FPD	1,200			0	0	0	0	0	0	0	0	0	%0	\$0			
	TOTALS	ALS 2,826		15 (	0	23	2	-	3	0	0	1	45	%0	\$4,000			
	BANNOCK COUNTY																	
06300		211		0	0	0	0	c	c	0	c	c	c	700	¢0			
05207	CHUBBUCK FD	21,000	1		22	2 2	54	13	45	32	0	- r	271	%0	\$2.076.500	-		
05326	DOWNEY VFD	672			0	0	0	0	0	0	0	0	0	%0	0\$			
05328	INKOM FD	2,500		0	0	0	0	0	0	0	0	0	0	%0	\$0			
05329	LAVA HOT SPRINGS VFD	2,800		6	0	0	2	1	1	2	0	0	12	%0	\$2,000			
05340	MCCAMMON FD	1,900			0	0		0		0	0	0	0	%0	\$0			
05101	POCATELLO FD	53,000	00 134		6 2,4	2,417	105 1	136	134 2	262	0	9	3,200		\$1,086,785			11
05331	POCATELLO VALLEY FD				0	0	0	0		0	0	0	0		\$0			
	TOTALS	ALS 90,686	36 256	6 11		2,422	161 1	150	180	296	0	7	3,483	4%	\$3,165,285			
	BEAR LAKE COUNTY																	
07343	BENNINGTON FD	2,300		14 (	0	0	-	5	0	0	0	0	20	%0	\$2,500			
07335	DINGLE FD	100			0	0	0	0	0	0	0	0	2	%0	\$33,500			
07341	FISH HAVEN FD	100			0	0	0	0	0	0	0		4	%0	\$13,000			
07339	GENEVA FD	100			0	0	0	0	0	0	0	٩N	Activity	%0	\$0			Ī
07337	GEORGETOWN	538			0,	0 0	- (	0 0	0	0	0	0	5	%0 %0	\$17,500			Ì
07344		2,500		1-1-	- 0	v 0	0 0	7 0		- 0	0 0		1	%0	000'ZC¢	-		
07336	OVID FD			6	0	0	+	1	0	0	0	0	11	%0	\$5,000			
07334	PARIS FD	476	16	1	0	0	0	0	0	0	0	0	1	%0	\$40,000			
07338	PEGRAM FD	100	00	1	0	0	0	0	0	0	0	0	1	%0	\$25,000			
07342	ST CHARLES FD				0	0	0	-	0	0	0	0	4	%0	\$0			
	TOTALS	ALS 6,430		53	-	2	11	6	0	-	0	0	77	%0	\$188,500			
	<b>BENEWAH COUNTY</b>																	
08330	FERNWOOD RURAL FPD	3,000			0	0	0	0	0	0	0	0	8	%0	\$60,000			
09302	PLUMMER FPD	2,750			-	27	4	0	11	e	0		64	%0	\$121,000			
09366	ST. MARIES FPD	4,500			0	11	12	4	27	22	0	е о	104	%0	\$0			Ì
09335	TENSED FIRE DIST			0	0,	0 0	0;	0 .	0	0 ;	0	0	0	%0	\$0			T
	TOTALS	ALS 10,250		_		38	16	4	38	62	5	4	1/6	0%N	\$181,000	_		1

- Fire in Idaho 2008

FDID	DEPARTMENT NAME	POPULATION PROTECTED	EXPLOSIONS	EMS	HAZARDOUS HAZARDON CONDITION	SERVICE	ASSISTED	FALSM	NATURAL	OTHER	TOTALS	PERCENTOF	\$1055	FIRE SVC FARE SVC FATALITY	FAILENC	CIVILIAN MURY CIVILIAN CIVILIAN	IAN
11303	ABERDEEN / SPRINGFIELD FIRE DIST	2,000	0	0	0	0	0	0	0	0		0	%0	0\$			
11360	ATOMIC CITY FD	32	0	0	0	0	0	0	0	0		No Activity	%0	\$0			
11101	BLACKFOOT FD	35,000	181	4	9	45	39	54	108	0	5	442	1%	\$820,615			1
11354	FIRTH FIRE DIST	5,000		0	20	5	4	8	0	0	0	81	%0	\$0			
11334	FORT HALL FPD	9,000	·	-	17	26	22	28	42	0	2	257	%0	\$215,200			
11355	SHELLEY RPD TOTALS	8,700 B,700 B,732	26 370	<b>2</b> 0	37 80	83	66 1	<b>94</b>	5 155	• <b>•</b>	0	80 860		\$72,500 \$1,108,315			
	BLAINE COUNTY																
13302	BELLEVUE FD	2,500	27	0	2	8	3	4	6	0	0	53	%0	\$1,000			
13354	CAREY RURAL FPD	800	2	0	0	0	0	0	0	0	0	2	%0	0\$			
13301	HAILEY FD	10,000	43	0	316	24	16	25	37	з	-	465	1%	\$0			-
13203	KETCHUM FD	6,000	37	0	591	43	27	45	110	6	2	864		\$2,827,420	-		
13306	SUN VALLEY FD	1,300	18	1	64	14	10	10	26	1	1	145	%0	\$103,500			
13334	WOOD RIVER FPD	5,000	54	1	614	8	13	53	23	0	0	766		\$185,000			
	TOTALS	LS 25,600	181	2	1,587	97	69	137	205	13	4	2,295	3%	\$3,116,920			
	BOISE COUNTY																
15309	CENTERVILLE VFD	230	0	0	0	0	0	0	0	0	0	0	%0	0\$			
15330	CLEAR CREEK FD	250	e	0	10	2	11	13	0	0	1	40	%0	\$0			
15311	GARDEN VALLEY RURAL FD	2,000	13	0	52	1	4	14	4	0	0	88	%0	\$647,000			
15320	GRANDJEAN VFD	100	0	0	0	0	0	0	0	0	0	0	%0	\$0			
15345	HORSESHOE BEND FIRE DIST	1,750	12	0	2	22	0	0	0	0	0	36	%0	\$14,000			
15324	IDAHO CITY FD	2,000	7	0	2	80	3	-	2	0	0	23	%0	\$281,000			
15342	LOWMAN VOL FIRE DIST, INC.	300	0	0	-	-	0	0	0	0	0	2	%0	\$0			
15301	PLACERVILLE FPD	325	0	0	0	0	0	0	0	0	0	0	%0	\$0			
15313	ROBIE CREEK VFD	300		0	0	-	0	-	-	0	0	8	%0	\$1,500			
15335	VALLEY OF THE PINES VFD	2000	10	0 0	- <sup>1</sup>	4 1	0 4	0	0 0	0 0	0 0	10	%0	\$22,000			
0+001					70 120	- 4	33	33 4	- C			282		\$1 125 500			
				0		<u>}</u>	24	3	•	<u>,</u>	1	-		0000			
17314	CLARK FORK VALLEY FIRE DIST 4	2 600	L.	C	0	14	10	7	6	<del>,</del>	+	42	%U	\$250 550			
17344	COOLIN-CAVANAUGH BAY FPD	350		0	0	e S		4	1 0	0	0	15	%0	\$6,000			
17316	HOPE-EAST HOPE VOL FIRE DIST	1,000		0	0	0	0	0	0	0	0	0	%0	0\$			
17339	NORTH OF THE NARROWS FD	26	2	0	0	5	0	0	+	0	0	8	%0	\$0			
17333	NORTHSIDE FPD	10,000	54	0	4	148	17	60	18	0	1	302		\$10,500,000			
17341	SAGLE FIRE DIST	8,500		0	322	22	63	58	49	0	-	570	1%	\$1,143,200	-		
17360	SAM OWEN FIRE DIST	300		-	9	36	2	e	4	0	1	80	%0	\$0			
17201	SANDPOINT FD	8,000		-	250	56	59	407	73	2	e	869	1%	\$8,250			
17349	SCHWEITZER FPD	1,000		0	75	7	2	-	ę	-	0	94	%0	\$121,000			
17337	WEST PEND OREILLE FIRE DIST	2,000		0	55	111	73	32	50	4	0	370		\$992,400		-	
17319	WEST PRIEST LAKE FD	700		-	5	e	e	5	e	4	0	34		\$3,163,500	-		
17335	WESTSIDE FPD			0	368	14	8	7	e	-	0	431		\$1,000			
	TOTALS	LS 39,244	256	e	1,087	419	240	584	206	13	2	2,815	4% \$	\$16,185,900		_	

37

FDID	DEPARTMENT NAME	POPULATI POPULATI PROTECT	EXPLOSIO	EMS	HAZARDO HAZARDO CONDITIC	SERVICE	ASSISTE	FALM	NATURA	OTHER	TOTALS		PERCENT	RESU FRESU FATALT	FATESV	CWILAN MJURY CVIILAN	IAN
		0 0			M	5			- x						,		$\left( \right)$
	BONNEVILLE COUNTY																
19315	AMMON FD	13,600	0	0	0	0	0	0	0	0	0	0	%0				
19340	GREATER SWAN VALLEY FPD #2	1,000	14	0	25	2	0	0	0	2	0	43	%0	\$86,500			
19101	IDAHO FALLS FD	80,000	291	6	2,120	177	28	370	290	2	11	3,298	4%				4
19317		1,025	0	0	0	0	0	0	0	0	0	0	%0				
	TOTALS	95,625	305	6	2,145	179	28	370	290	4	11	3,341	4%	\$1,699,950			
	BOUNDARY COUNTY																
21301	BONNERS FERRY FD	2,500	6	0	2	19	6	13	9	0	0	58	%0	\$14,100			
21333	CURLEY CREEK VFD	850	11	1	2	4	0	2	4	0	0	24	0%	\$			
21344	HALL MOUNTAIN VOL FIRE ASSN	1,500	9	0	12	5	0	-	-	1	0	26	%0	\$2,5			
21315	MOYIE SPRINGS FD	656	0	0	0	0	0	0	0	0	0	0	%0				
21341	NORTH BENCH FIRE DIST	2,000	29	0	24	19	0	14	0	2	0	88	0%	\$16,000			
21348	PARADISE VALLEY FIRE DIST	2,600	23	0	45	4	2	10	-	-	-	87	%0		,		,
21346	SOUTH BOUNDARY FPD	2,500	38	0	19	36	- ;	~ ;	0	0	0	101	0%		-		2
	IOIALS	12,606	116	-	104	87	12	47	12	4	-	384	%0	\$259,150			
	BUTTE COUNTY																
23316	ARCO FD	1.100	0	0	0	0	0	0	0	0	0	0	%0	\$0		_	
23341	LOST RIVER FPD	500	4	0	0	0	0	0	0	0	1	5	%0				
	TOTALS	1	4	0	0	0	0	0	0	0	-	5	%0	\$5,000			
			•	•	•	•	•	•	(	•	•	•			_		T
25301	CAMAS COUNTY/FAIRFIELD FU	1,500	0	0 0	0	0	- C	0	0 0	0 0		0	%0				
25340		200 700	• <b>•</b>	- <b>-</b>	- <b>-</b>	- <b>-</b>	- <b>-</b>	- <b>c</b>	- <b>-</b>	- <b>-</b>		NO ACTIVITY	0%	0.0			
		2011	>	-	>	>	>	>	2	>	>	5	0/0				
	CANYON COUNTY																
27211	CALDWELL CITY FPD	42,000	146	4	2,112	67	166	216	226	0	9	2,946	4%	\$8,445,545	24		5
27246	CALDWELL RURAL FIRE DIST	10,000	119	0	309	12	26	83	29	0	2	580	1%		10		٦
27344	MELBA RURAL FPD	3,000	33	-	23	2	80	10	З	0	0	80	%0	\$55,200			
27336	MIDDLETON FIRE RESCUE	18,000	129	0	488	10	68	144	30	0	36	905	1%				-
27101	NAMPA CITY FD	98,563	272	10	4,414	132	550	792	473	2	2	6,647	8%	\$5,222,135	4	-	8
27338	PARMA FD	7,600	0	0	0	0	0.	0	0	0	0	0 1	%0				
601.77	SOUTHWEST HAZ MAT REGIONAL LEAM	000,1	0 10	- C		0 <	- 4	5 0	0 4	5 0	5 0	/ /	%0 //0		-		
27307	WILDER RURAL FPD	4.090	30		166	1 4	24	24	I	0 0		229	%0				
	TOTALS	190,853	754	15	7,512	237	828	1,269	768	2	49	11,434	14%	\$14			
	CARIBOLI COLINTY														-		
29306	BANCROFT FD	350	9	0	0	0	0	0	0	0	0	9	%0	\$30,000			
29305	CARIBOU COUNTY FD	2,700	0	0	0	0	0	0	0	0	0	0	%0				
29309	GRACE FD	100	0	0	0	0	0	0	0	0	0	0	%0	\$0			
29301	SODA SPRINGS FD	3,000	3	0	0	2	2	-	4	0	-	13	0%				
	TOTALS	6,150	6	0	•	2	2	-	4	0	-	19	%0	\$30,500		_	

Fire in Idaho 2008

FDID	DEPARTMENT NAME	POPULATION PROTECTED	FIRE	EXPLOSIONS	EMS	HAZARDOUS HAZARDON CONDITION	SERVICE	ASSISTED	FALSE ALARM	NATURAL	OTHER	TOTALS	PERCENTOF		FIRESAVC FIRESAVC FARALITY FATALITY FATALITY	CIVIL-ITY FATALITY	CIVILIAN NJURY IAN	
	CASSIA COUNTY																	
31343	ACE FIRE PROTECTION ASSN UNIT		500	0	0	0	0	0	0	0	0	0	0	%0	0\$			
31342	ALBION FPD		305	0	0	0	0	0	0	0	0	0	0	%0				
31201	BURLEY CITY FD		20,000	84	3	389	22	6	66	82	0	2	657	1%				
31334	DECLO FD		338	40	0	14	1	Э	1	1	0	0	60	%0	\$			
31340	OAKLEY FPD		1,400	9	0	5	2	5	e	7	0	0	25	%0	\$2,200			
31338	RAFT RIVER FPD TOT	TOTALS	500 23,043	130	0 8	405	25 25	17	0 02	0 06	• •	0 0	0 742	1%	69			
33329	CLARK COUNTY DUBOIS CITY FD		1.000	0	0	0	0	0	0	0	0	0	0	%0				
		TOTALS	1,000	0	0	0	0	0	0	0	0	0	0	%0	\$0			
	CLEARWATER COUNTY																	
88172	CLEARWATER POTLATCH TPA		10,000	37	0	0	0	0	0	0	0	0	37	%0				
35301	ELK RIVER FD		200	0	0	0	0	0	0	0	0	0	0	%0				
35341	EVERGREEN RURAL FIRE DIST		200	0	0	0	0	0	0	0	0	0	0	0%0				
35330	GRANGEMONT VOL FIRE DIST		180	0	0	0	0	0	0	0	0	0	0	0%0	0\$			
35303			3,247	9 0	0 0	∞ c		0 0	N C	Σ	0 0	0 0	26	0%0		-	-	
35338	SUNNYSIDE RURAL FPD		250	0 0	0	0	<u> </u>	0	0 0	C	0	0	15	%0				
35305	TWIN RIDGE RURAL FD		500	8	0	0	0	0	0	0	0	0	8	%0				
35344	UPPER FORDS CREEK RURAL FD		200	2	0	0	0	0	1	0	0	0	3	0%0				
35312	WEIPPE FD		1,300	4	0	0	0	0	0	0	0	0	4	%0				
	TOT	TOTALS	16,777	99	0	8	4	9	5	4	0	0	93	%0				
	CUSTER COUNTY																	
37305	MACKAY FD		566	13	0	0	5	2	0	2	0	0	22	%0	\$112,000			
37334	NORTH CUSTER FD		2,000	25	1	12	7	0	5	1	0	0	51	%0	\$0			
37301	SAWTOOTH VALLEY RURAL FD	+	400	4	0	11	-	0	e	-	-	0	21	%0				
37354		TOTALS	1,400 4.366	13 55	o <del>-</del>	<b>23</b> 0	17	0 0	0 8	5 1	- 0	• •	18 112	%0 %0	\$112,000 \$224.000			
															-	+		
30338			30	0	C	C	C	C	C	C	C	C	6	%U	\$33 000			
39303	GLENNS FERRY FD		1.900	1 00	0	0	, -		0	·		0	12	%0				
39336	KING HILL FPD		2,000	22	0	13	4	0	3	5	0	0	47	%0				
39334	MOUNTAIN HOME RURAL VFD		14,000	38	0	0	0	5	6	6	0	0	55	%0	\$213,100			1
39301	MOUNTAIN HOME VFD		4,000	40	-	0	7	80	8	24	0	0	88	0%				
39309	OASIS VFD		150	4 0	0 0	0 0	0 0	0 0	- 0	0 0	0 0	0 0	5	%0	\$0			
01080		TOTALS	22,082	11		13	<b>1</b>	14	18	36		•	209	%0 %0	\$1,093,1			
	FRANKLIN COUNTY	-	-		-	-		-	-	-	-					•		
41301	FRANKLIN COUNTY FIRE DIST		13,000	46	0	23	20	8	15	0	0	0	112	%0				÷
	101	TOTALS	13,000	46	0	23	20	8	15	0	0	•	112	%0	\$1,587,250		_	Τ

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Mutuu         S <th></th> <th></th> <th>PO PR</th> <th></th> <th>EX</th> <th><math>\backslash</math></th> <th>HA</th> <th></th> <th>A</th> <th></th> <th>N</th> <th></th> <th></th> <th>PE</th> <th></th> <th>E E</th> <th></th> <th></th>			PO PR		EX	$\backslash$	HA		A		N			PE		E E			
Fattoric Courty better beachingen	FDID	DEPARTMENT NAME	OTECTEL	FIRE	PLOSIONS	EMS	ZARDOUS DNDITION	SERVICE	SSISTED	FALSE	ATURAL	OTHER	FOTALS	RCENT OF TOTAL		RESY NURY RESVC ATALITY	ENILAN NJURY NJURY ATALITY ATALITY		
Bisance haves         3000         6         0		FREMONT COUNTY																	
NOMENTED         300         1         0         1	43334	ISLAND PARK FPD		3,000	9	0	6	6	0	2	1	0	0	24	%0	\$1,463,000			
Isother Factory Factory F1. ATTNOVY Paral         Totals         Isother Factory (internet)         Isot	43336	NORTH FREMONT FPD		3,000	6	0	0	5	1	1	0	0	0	16	%0	\$14,000			
Iterative         Totals         1 500         6         1         2         1         2         1         2         0	43338	SOUTH FREMONT FD			31	-	0	9	-	6	-	0	0	49	%0	\$323,500			
Etak County Etak County Torias         Torias         1	43312	ST. ANTHONY VFD	TOTALS	6,500 12,500	54	7 7	11 2	23	- 0	13 1	0 0	• •	00	19 108	%0	\$23,000 \$1,823,500			
Immetricity         Total		GFM COUNTY				ł		+		$\frac{1}{2}$	ł			-			-		
Eleka County FPD #1         11000         74         3         10         12         10         14         100         14         100         140         100         11500	45301			7,000	25	0	4	16	12	6	20	0	-	87	%0	\$173.250	_		
Ident County Frep at to ToTAs         1,500         7,50         1,500         7,50         2,500         7,50         2,500         7,50	45334	GEM COUNTY FPD #1		10,000	74	е	10	12	4	33	ю	0	-	140	%0	\$139,000		1	
TOTALS         Is.500         16         2         23         0         2         237         0           ACOONINC COUNTY         Conconic County         0         2 <td>45339</td> <td>GEM COUNTY FPD #2</td> <td></td> <td>1,500</td> <td>7</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>10</td> <td>%0</td> <td>\$0</td> <td></td> <td></td>	45339	GEM COUNTY FPD #2		1,500	7	0	2	0	0	-	0	0	0	10	%0	\$0			
ocondic curry         Non-ocondic curry <th colspa<="" td=""><td></td><td></td><td>TOTALS</td><td>18,500</td><td>106</td><td>3</td><td>16</td><td>28</td><td>16</td><td>43</td><td>23</td><td>0</td><td>2</td><td>237</td><td>%0</td><td>\$312,250</td><td></td><td></td></th>	<td></td> <td></td> <td>TOTALS</td> <td>18,500</td> <td>106</td> <td>3</td> <td>16</td> <td>28</td> <td>16</td> <td>43</td> <td>23</td> <td>0</td> <td>2</td> <td>237</td> <td>%0</td> <td>\$312,250</td> <td></td> <td></td>			TOTALS	18,500	106	3	16	28	16	43	23	0	2	237	%0	\$312,250		
International         Total         Signational         Total         Signational         Sig		GOODING COUNTY													1				
Holdenty FD         6 000         72         15         15         16         1         12         12         12         12           HAGERMAFD         5 000         74         0         33         0         74         15         16 <td>47341</td> <td>BLISS RURAL FD</td> <td></td> <td>700</td> <td>35</td> <td>0</td> <td>83</td> <td>-</td> <td>14</td> <td>23</td> <td>0</td> <td>0</td> <td>0</td> <td>156</td> <td>%0</td> <td>\$34,300</td> <td></td> <td></td>	47341	BLISS RURAL FD		700	35	0	83	-	14	23	0	0	0	156	%0	\$34,300			
Indegrams/FPD         2.500         27         1         24         15         3	47301	GOODING FD		6,000	72	0	55	22	15	36	16	1	1	218	%0	\$442,150		1	
WENDELL PD         6500         74         0         73         73         73         74         7         7         10         105         105           WENDELL VFD         TOTALS         3500         73         1         74         45         70         73         105	47323	HAGERMAN FPD		2,500	27	1	24	6	4	15	3	6	2	88	0%0	\$0			
Webbell, VFD         TOTALS         3300         12         0         1         1         0         1         1         0         1         1         0         1	47335	WENDELL FPD		6,500	74	0	39	33	10	25	4	1	0	186	0%0	\$745,300			
TOTALS         19,200         220         1         218         74         45         106         30         10         4         706         1/4           IDAMO COUNTY         IDAMO COUNTY         700         2         0	47303	WENDELL VFD		3,500	12	0	17	12	2	7	7	2	-	60	%0	\$0			
IDAPC CURTY           DEPC VOL RED, INC.         TO         2         0			TOTALS	19,200	220	-	218	74	45	106	30	10	4	708	1%	\$1,221,750			
BEC VOL RED.         700         2         0		IDAHO COUNTY																	
Carantor Ridder Vol. Fire Distr         200         0	49352	BPC VOL RFD, INC.		700	2	0	0	0	0	0	0	0	0	2	%0	\$25,000			
CONTONMOOD CITY FD         1000         1         0	49340	CARROT RIDGE VOL FIRE DIST		200	0	0	0	0	0	0	0	0	0	0	%0	\$0			
	49310	COTTONWOOD CITY FD		1,000	-	0	4	0	0	0	0	0	0	5	%0	\$0			
ELK CITY VFD         400         0	49335	COTTONWOOD RURAL FD		600	7	-	0	-	-	-	3	0	0	14	%0	\$0			
FERDIMAND RURALCITY FD         150         1         0         0         0         0         0         1         0         0           RERDIMAND RURALCITY FD         3500         5         0         0         0         0         0         0         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         0         1         0	49316	ELK CITY VFD		400	0	0	0	0	0	0	0	0	0	0	0%	\$0			
International conditional conditinal conditional conditional conditional conditional condit	49327	FERDINAND RURAL/CITY FD		150	-	0	0	0	0	0	0	0	0	-	0%	\$0			
GRANGEVILLE CITY FD         3500         3         3500         3         3500         3         3500         3         3500         1         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         0         1         0         0         0         1         0	49375	GLENWOOD/CARIBEL VOL FIRE DI	IST	500	5	0	0	0	0	0	0	0	0	5	%0	\$0		Ì	
GRAMGEVILLE RURAL FD         13         0         0         1         0         0         15         0%           HARPSTER VFD         300         7         0         1         0         0         15         0%           HARPSTER VFD         300         7         0         1         0         0         15         0%           RIGGINA FD         300         7         0         1         0         0         1         0         0         15         0%           RIGGINS CITY FD         300         7         0         0         1         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         0         0         0         0         0%         1         0 </td <td>49308</td> <td>GRANGEVILLE CITY FD</td> <td></td> <td>3,500</td> <td>6</td> <td>0</td> <td>0</td> <td>2</td> <td>2</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>17</td> <td>%0</td> <td>\$1,800</td> <td></td> <td>Ì</td>	49308	GRANGEVILLE CITY FD		3,500	6	0	0	2	2	0	4	0	0	17	%0	\$1,800		Ì	
MARPSTER VFD         300         7         0         0         1         0	49334	GRANGEVILLE RURAL FD			13	0	0	-	0	0	-	0	0	15	%0	\$394,100		Ì	
NOOSMAFU         Stood         14         0         1         1         3         6         2         0         0         23         0         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         0         1         0         0         1         1         0         0         0         1         1         0         0         0         0         0           SESCH MEADWS FIE DIST         3.000         18         0	49362	HARPSTER VFD		300	2	0	0,	- ,	0		0	0 0	0	6 0	%0	\$90,000		T	
Incrementation         Matrix         Matrix <th< td=""><td>49330 49336</td><td>RUOSKIA FU RIDGFRIINNFR FD</td><td></td><td>3,000</td><td>7</td><td></td><td>- m</td><td>- 0</td><td>8 0</td><td>8 0</td><td>7 4</td><td>0 0</td><td>0 0</td><td>29</td><td>%0</td><td>\$500 500</td><td></td><td>T</td></th<>	49330 49336	RUOSKIA FU RIDGFRIINNFR FD		3,000	7		- m	- 0	8 0	8 0	7 4	0 0	0 0	29	%0	\$500 500		T	
SALMON RIVER RURAL FD         3.000         18         0         8         1         1         1         0         0         0         33         0%           SEECH MEADOWS FIRE DIST         200         0         0         0         0         0         0         0         0         0%         0%           SEECH MEADOWS FIRE DIST         200         0         0         0         0         0         0         0         0%         0%         0%           STITES FD         500         0         0         0         0         0         0         0         0%         0%         0%           WHITEBIRD FD         TOTALS         15,398         87         1         16         8         11         14         12         0         0%         1         0%         1         0%         0%         1         0%         1         0%         1         0%         1         0%         1         0%         0%         1         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%	49350	RIGGINS CITY FD		440	. 0	0	0		0	0	0	0	0		%0	\$0		1	
SESCH MEADOWS FIRE DIST         200         0 <td>49338</td> <td>SALMON RIVER RURAL FD</td> <td></td> <td>3,000</td> <td>18</td> <td>0</td> <td>80</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>0</td> <td>0</td> <td>33</td> <td>%0</td> <td>0\$</td> <td></td> <td>1</td>	49338	SALMON RIVER RURAL FD		3,000	18	0	80	-	-	4	-	0	0	33	%0	0\$		1	
Strtes FD         500         0 <th< td=""><td>49370</td><td>SESECH MEADOWS FIRE DIST</td><td></td><td>200</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>٩</td><td>ivity</td><td>%0</td><td>\$0</td><td></td><td></td></th<>	49370	SESECH MEADOWS FIRE DIST		200	0	0	0	0	0	0	0	0	٩	ivity	%0	\$0			
WHITEBID FD         108         108         3         0	49329	STITES FD		500	0	0	0	0	0	0	0	0	0	0	%0	\$0			
TOTALS         15,338         87         1         16         8         11         14         12         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         149         0         0         14         15         14         16         14	49311	WHITEBIRD FD		108	e	0	0	0	4	0	0	0	0	7	%0	\$1,000			
JEFERSON COUNTY           CENTRAL FIRE DIST         15,000         94         0         1         14         0         0         15         0%           HAMER FPD         36         0         0         0         0         0         15         0%         0%           ROBERTS FD         647         0         0         0         0         0         0         0         0         0%         0%           WEST JEFFERSON FIRE CONTROL DIST         1,200         0         0         0         0         0         0         0         0%         0%           VEST JEFFERSON FIRE CONTROL DIST         16,333         94         0         1         18         9         15         14         0         0         0%         0%			TOTALS	15,398	87	-	16	80	1	14	12	0	0	149	%0	\$1,140,620		Ì	
CENTRALFIRE DIST         15,000         94         0         1         14         0         0         15         0%           HAMER FPD         B6         0         0         0         1         1         0         0         0         15         0%           HAMER FPD         S6         0         0         0         0         0         0         0         0%         0%           NEXELECT         S67         0         0         0         0         0         0         0         0%         0%           WEST JEFFERSON FIRE CONTROL DIST         1,200         0         0         0         0         0         0         0         0%         0%           VEST JEFFERSON FIRE CONTROL DIST         1,200         0         0         0         0         0         0         0         0%         0%         0%           VEST JEFFERSON FIRE CONTROL DIST         1,200         0         0         0         0         0         0         0         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0% <t< td=""><td></td><td>JEFFERSON COUNTY</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		JEFFERSON COUNTY																	
HAMER FPD         B6         0		CENTRAL FIRE DIST		15,000	94	0	1	18	6	15	14	0	0	151	%0	\$815,000			
ROBERTS FD         647         0 <t< td=""><td></td><td>HAMER FPD</td><td></td><td>86</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>%0</td><td>\$0</td><td></td><td></td></t<>		HAMER FPD		86	0	0	0	0	0	0	0	0	0	0	%0	\$0			
WEST JEFERSON FIRE CONTROL DIST         1,200         0		ROBERTS FD		647	0	0	0	0	0	0	0	0	0	0	%0	\$0			
16,933 94 0 1 18 9 15 14 0 0 151 0%	51340	WEST JEFFERSON FIRE CONTROL	L DIST	1,200	0	0	0	0	0	0	0	0	0	0	%0	\$0			
			TOTALS	16,933	94	0	-	18	6	15	14	0	0	151	%0	\$815,000			

- Fire in Idaho 2008

FDID	DEPARTMENT NAME	FIRE POPULATION PROTECTED	EXPLOSIONS	EMS	HAZARDOUS HAZARDOUS CONDITION	SERVICE	ASSISTED	FALSM	NATURAL	OTHER	TOTALS	PERCENTOF		HREAVE FARALITY FATALITY SLOSS	FA. FIRESVC INJURY	CIVILIAN MJURY CIVILIAN CIVILIAN	NN
		010	¢¢		Ċ			ç	c	c	c	00		9 9 LO 10 L	_		
53201	JEROME CITY FD	000'6 000'7	9 9 9	0 0	32 806	50	35	30 148	5 72	7 F	0 00	1.157	1%	\$131.205			
53333	FIRE DIST #1		129		8	86	6	32	6	0	00	275	%0	\$1,812,400			
	101ALS	000,81	202	4	840	CCL	48	917	84	<b>n</b>	n	1.00,1	2%2	\$ <b>2,402,33</b> 0	_		
	KOOTENAI COUNTY			•	000				0 1 0	(	•						
55201	COEUR D'ALENE FD	45,000	154	9	5,406	200	283	483	378	0	9 .	6,918	6%	\$1,348,400	9	e	2
55360	EAST SIDE FPD	1,500	14	0	25	7	5	20	8	- 0	- 0	81	%0	\$200			
55234 55234	HAUSEK LAKE FPU KOOTENALCO FIRE & RESCUE	2,200	172	0 00	3 049	4 0	215	707	4	- c	5 0	160 4 426	0%9 9%9	\$45,000	<u>ب</u>		2
55209	KOOTENAI CO REGION 1 HAZMAT TEAM		0	0	0	2	0 0 1	0	0	. 0	0	5	%0	\$0	,		
55354	MICA-KIDD ISLAND FPD	1,800	œ	0	56	2	9	25	10	0	0	107	%0	\$1,405,000			
55342	NORTHERN LAKES FPD	33,256	124	e	2,157	96	153	633	130	2	4	3,302	4%	\$1,531,525	7		
55338	SPIRIT LAKE FPD	7,350	0	0	0	0	0	0	0	0	0	0	%0	\$0			
55352	TIMBERLAKE FPD	6,500	61	0	400	20	75	107	23	0	1	687	1%	\$273,200		-	
55336	WORLEY FPD		30	0	63	10	7	40	6	0		156	%0	\$0		-	
	TOTALS	142,106	603	12	11,242	433	752	2,036	741	9		15,842	20%	\$5,373,100			
	LATAH COUNTY																
57309	BOVILL FD	400	0	0	0	0	0	0	0	0	0	0	%0	\$0			
57342	DEARY RURAL FIRE DIST	2,000	11	0	6	2	0	0	7	0	1	30	%0	\$5,000			
57338	GENESEE CITY / RURAL FD	2,100	6	0	17	-	0	£	2	0	0	34	%0	\$34,500			
57307		625	0	0 0	- 0	7 0	0	0	0	0 0	0 0	ю (	%0	\$0			
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57336	POTLATCH RURAL FPD	791	-	0	0	0	0	0	0	0	0	1	%0	\$0		-	
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### **Glossary of Terms and Abbreviations**

\$Loss - Combined estimated property and content dollar loss as reported by reporting agencies.

**Alarm** - Any notification made to the fire department that a situation exists or may exist requiring a response.

Arson - The crime of maliciously and intentionally or recklessly starting a fire or causing an explosion.

**Automatic Extinguishing Systems (AES)** - A device or system providing an emergency fire extinguishing function without the necessity of human intervention, typically a water spray.

Casualty - A person who is injured or killed at the scene of a fire or other reported incident.

**Cause** - The circumstances or conditions that brought about or resulted in a fire or explosion incident, damage to property resulting from the fire or explosion incident or bodily injury or loss of life resulting from the fire or explosion incident.

**Civilian Fire Casualty** - Any non-fire service person injured or killed as a direct result of a fire-related incident.

**Confined Fire** - Fire where the flame does not extend beyond a combustible container such as cooking vessels, chimneys or flues, trash containers, etc.

Contained Fire - Fire spread that is reasonably expected to remain in check under prevailing conditions.

Crop - Cultivated vegetation such as grains, trees, orchard, nursery stock, etc.

**EMS** - Emergency Medical Service.

Fatality - An injury that is fatal or becomes fatal within one year of the incident.

**Hazardous Materials -** Any material that is air-reactive, corrosive, explosive, flammable gas, organic peroxide, oxidizing material, radioactive, toxic, unstable, water-reactive or a flammable or combustible liquid; and any substance or mixture of substance that is an irritant or a strong sensitizer or generates pressure through exposure to heat, decomposition or other means.

**Incident** - An event to which the reporting agency responds or should have responded. An incident may have more than one response.

Incident Record - The official file on an incident.

Incident Report - A document prepared by fire department personnel about a particular incident.

**Mobile Property -** Property designed to be movable whether or not it still is, such as vehicles, ships and airplanes.

**Mutual Aid** - Assistance given to or received by a fire department, whether fire or non-fire aid, by another fire department outside its normal jurisdiction.

NFIRS - National Fire Incident Reporting System.

**Non-Fire Service Personnel -** All persons involved with an incident who are not fire service personnel such as police, utility company employees, non-fire service medical personnel or civilians.

Origin - The physical location where a heat source and fuel came in contact with each other.

**Overpressure -** A transient air pressure, such as the shock wave from an explosion that is greater than the surrounding atmospheric pressure.

**Prescribed Fire** - Any fire ignited by management actions to meet specific objectives. A written, approved prescribed fire plan must exist prior to ignition. The controlled application of fire to wildland fuels in either their natural or modified state under specified environmental conditions allowing the fire to be confined to a predetermined area and, at the same time, to produce the intensity of heat and rate of spread required to attain planned resource management objectives.

**Property Use -** The actual use of the property where the incident occurred. A building, for example, could serve as a garage or a hospital or a department store. The use of property does not define any of the other important fire-related details of a property such as access, ownership, size, internal weaknesses in fire defense or construction.

**Response Time -** The length of time of time between notification of and arrival at an incident scene as reported by the responding agency.

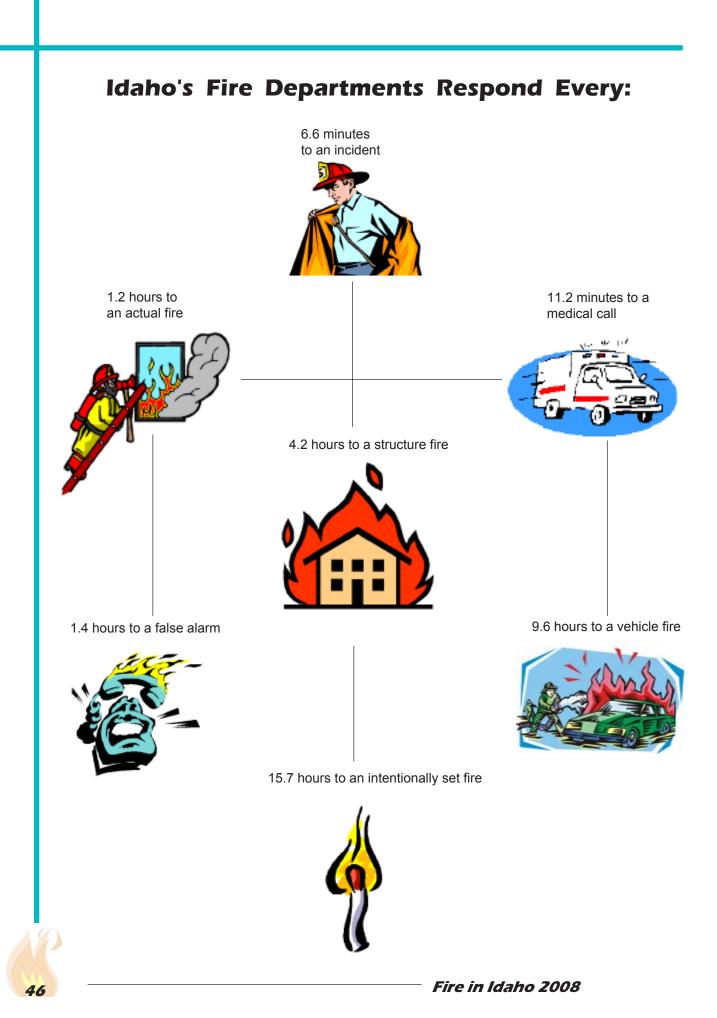
**Structure** - An assembly of materials forming a construction for occupancy or use to serve a specific purpose. This includes, but is not limited to, buildings, open platforms, bridges, roof assemblies over open storage or process areas, tents, air-supported structures and grandstands.

Structure Fire - Any fire inside, on, under, or touching a structure.

**Wildland-Urban Interface Area -** The geographical area where structures and other human development meet or intermingle with wildland or vegetative fuels.

**Wildland** - Land in the uncultivated more or less natural state and covered by timber, woodland, brush, or grass. An area in which development is essentially nonexistent except for roads, railroads, power lines and similar facilities.

**Wildland Fire -** Any involved vegetative fuel, other than prescribed fire, that occurs in wildland. A wildland fire may expose or possibly consume structures.





Teton County Fire Protection District - Victor

North Custer Rural Fire Department

### Fire Stations Across Idaho



Island Park Fire District - Shotgun Station



**Camas County - Fairfield Fire Department** 



**Mica-Kidd Island Fire Department** 



Fire in Idaho 2008



### **2008 Wildland Fires**

The following sections of this annual report show excerpts from information compiled by:

- The National Interagency Fire Center
- The Idaho Department of Lands
- The Idaho State Fire Plan Working Group

This combined information demonstrates the significant impact of wildland fires and the efforts to prevent them across the great state of Idaho. References showing how to access the complete reports from these agencies can be found on page 66.



### **Protecting Idaho Communities**

Now available on DVD

To order, visit www.framingourcommunity.org

Also available for download from the Idaho State Fire Plan's Working Group Website at:

http://www.idahofireplan.org/video/

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### Message from Idaho's National Fire Plan Coordinator



owners, rural fire departments, counties, state and federal fire agencies, and others are working together to prepare for wildfires. From 2001-2008 we have accomplished approximately 1.7 million acres of hazardous fuels reduction in Idaho. County This report marks the progress of Idaho's wildland fire community in preparing for fires and protecting communities. Home-Wildfire Protection Plans (CWPPs) are in place in all 44 counties, with active updates ongoing. Over 13,000 homes and structures have been protected with National Fire Plan grants, and more than \$33 million has been invested in firefighting resources.

threaten a community. Fanned by 50-mile-an-hour winds, the fire destroyed ten homes, damaged several others, and resulted in one fatality. The fire generated considerable discussion of lessons learned. Ada County and other counties are considering While 2008 brought few fires, there was a tragic fire in the Boise foothills. The Oregon Trail Fire showed how quickly a fire can standards for new construction in the wildland urban interface and are boosting their homeowner education efforts.

(3)recognition that fire is a vital element in our wild lands, and (4)support for managing fire to meet resource objectives where Living in a fire-prone landscape, it's essential that Idahoans take responsibility for understanding fire risk and for preparing their homes and communities. Those of us in firefighting and emergency planning should lead the way by educating homeowners, working together to prepare our local areas, and pre-planning our coordinated response. Good measures for success will be: (1) a statewide expectation that homeowners will maintain their property to a standard for fire resiliency; (2) residents understand what to expect when fires approach, pre-plan how they'll respond, and are well-connected to their local fire department; and when appropriate.

The State Working Group will support priority fuels reduction and restoration work that crosses ownerships and builds on previous work. We'll unveil the new Idaho Firewise website and clearinghouse to provide central access to educational materials In 2009, the Idaho State Fire Plan Working Group will continue to support counties in their efforts to assess and reduce risk. and programs.

Thank you for your interest in and contributions to our National Fire Plan program in Idaho. Please stay connected to us through our website—www.idahofireplan.org. I'm interested in your thoughts on what the State Fire Plan Working Group can do to better support wildfire preparation work in Idaho. Please send me an email—skimball@idl.idaho.gov-or call me at 208-666-8646.

Idaho NFP Coordinator Steve Kimball

EXECUTIVE SUMMARY Idaho National Fire Plan Progress in 2008	<b>MMARY</b> rogress in 2008
Hazardous Fuels Treatments	Firefighting Resources
ldaho Department of Lands (IDL) National Fire Plan Grants for Private Land Treatments	IDL Volunteer Fire Assistance Grants  • \$174.043 awarded to \$9 fire departments and districts
<ul> <li>\$1,176,556 awarded to Bannock, Benewah, Boundary, Camas, Eranklin Framont Idaho Kootanai Lambi Naz Darra and</li> </ul>	throughout Idaho
Valley Counties	<ul> <li>\$449,777 awarded to 80 fire departments and districts</li> </ul>
<ul> <li>In 2008, 1,534 acres were treated on private lands in Idaho</li> <li>17 822 acres have been treated since National Fire Plan funding</li> </ul>	FEMA Assistance to Firefighter Grants
<ul> <li>±/,224 autos nave been treated since nauonar ne rian tananig began in 2001</li> </ul>	Idaho Fire Chiefs Association
	Firefighter License Plate Fund Grants
<ul> <li>39,009 acres treated, including 18,798 wull acres</li> <li>BLM Treatments</li> </ul>	<ul> <li>Aus awarded to 57 file organizations</li> </ul>
<ul> <li>118,684 acres treated, including 70,771 WUI acres</li> </ul>	Program Highlights
Fish & Wildlife Service Treatments	<ul> <li>2008 Idaho Wildland Fire Conference-approximately 300</li> </ul>
<ul> <li>2,072 acres treated, including 1,925 WUI acres</li> </ul>	attended
Nez Perce Tribe Treatments	<ul> <li>Initiation of the Idaho Firewise wildfire prevention and</li> </ul>
<ul> <li>z, Ibb acres treated, including 1,459 W UI acres</li> <li>Coeur d'Alene Tribe Treatments</li> </ul>	education program
• 1,827 acres treated, all in the WUI	CWPP Updates completed in 8 counties
Shoshone-Bannock Tribe (Ft. Hall) Treatments	Eight county All Hazard Mitigation Plans approved by FEMA
<ul> <li>600 acres treated</li> </ul>	HFT mitigation projects prioritized—USDA Forest Service
Success Stories	Above Base projects (Intermountain Region) and IDL grants for implementing CWPPs
National Eire Dlan afforts are making a difference in Idaho	<ul> <li>State and regional woody biomass utilization efforts sup-</li> </ul>
• Are We Safe From Fire? video	ported – including a \$168,200 award from the Forest Ser-
<ul> <li>Living on the Edge workshops</li> </ul>	vice's Forest Products Laboratory
<ul> <li>Blue Alder, Clearwater, Lemhi, and Hughes Creek forest</li> </ul>	Developing for the Enture
<ul> <li>restoration working groups</li> <li>Rlaine County Firewise website</li> </ul>	New Idaho Firewise website and educational program
<ul> <li>Bonner County mock fire event</li> </ul>	<ul> <li>New Idaho Home Evaluation Guidelines and forms—providing</li> </ul>
Fire Squirts Camp	a more uniform approach to home assessments in Idaho
<ul> <li>Murphy Complex fire study</li> </ul>	<ul> <li>Working with counties to develop standards for new construction</li> </ul>
	<ul> <li>Southern Idaho Biomass Utilization Workshop—April 2009</li> </ul>
<ul> <li>Community Assistance</li> <li>BLM - \$811,726 for 36 projects statewide</li> </ul>	• Assist all counties to complete their All Hazard Mitigation Plan

A multi-agency collaborative body that provides information, oversight, and other support to counties and agencies in implementing the National Fire Plan in Idaho.



and support for and prioritization of National Fire Plan projects. In 2008, ISFPWG members participated in County Wildland Fire The Idaho State Fire Plan Working Group (ISFPWG) met three times in 2008. The group was the primary sponsor of the Idaho Wildland Fire Conference, which was attended by approximately 300 participants. Other accomplishments include the formation of a statewide home evaluation team, increased communication with counties via the development of a public affairs cadre, tion of the Idaho Firewise program (tasked with the creation of a statewide wildfire prevention and education campaign), crea-Interagency Working Group meetings and field trips in the following counties: Blaine, Kootenai, Bonner, Valley, Washington, Boise, Fremont, Bonneville, Oneida, and Twin Falls.

## Idaho State Fire Plan Working Group 2008 Membership

- Steve Kimball—Idaho Fire Plan Coordinator
- Brian Shiplett—Idaho Department of Lands
- Jerry Miller—Idaho Department of Commerce
- Mark Compton—Office of the Governor
- Bob Appling—USDI National Park Service
- Kelly Cardoza—USDI Fish & Wildlife Service
   Leonard Webbing—Lison Burgani of Land
  - Leonard Wehking—USDI Bureau of Land Management
- Julie Thomas—Idaho Resource Conservation
   and Development Councils
  - Dean Ellis—Idaho Fire Chiefs Association
    - Len Diaz—USDI Bureau of Indian Affairs
- Mark Larson—Idaho State Fire Marshal
  - Tim Droegmiller—Nez Perce Tribe
- Chuck Simpson—Coeur d'Alene Tribe

For more information about the Idaho State Fire Plan Working Group, please visit our website: www.idahofireplan.org

- Dr. Robert Cope and Joe Daniels—Idaho Association of Counties
- Dave Hasz—Idaho Emergency Management Association
- Gary Brown and Gary Jarvis—USDA Forest Service, Intermountain Region
- Craig Glazier and Susan Jenkins—USDA Forest Service, Northern Region
- Kurt Naccarato, Harry Steele, and Dave Summers—Idaho Department
- Dave Jackson and Mark Stephenson—Idaho Bureau of Homeland Security
  - Brett Ingles—Boise State University





## Hazardous Fuels Treatment Programs

prescribed burning, under burning, removal of slash pilings, chemical treatments, logging of trees (both merchantable and non-merchantable), and removal of dead, diseased, or insect-infested phic wildfire within an ecosystem. These treatments include mechanical thinning, hand thinning, trees. Funds used to hire county- or multi-county-level hazardous fuels treatment coordinators and Hazardous fuels treatments (HFT) are on-the-ground actions that can reduce the threat of catastrocontractors are also grouped under hazardous fuels treatment funds.

		acres
ANDS	acres	17,822
TEL	1,534	2008:
PRIVA	2008:	2001-

This is a conservative estimate of actual HFT acres treated in Idaho from the Western States Fire Managers, Community Fire Protection, and Partnership Fund grant programs \*Total funding for all BLM Community Assistance actions (planning, hazardous fuels, and biomass) is \$811,726 for FY2008 and \$11,760,914 for FY2001-2008.

Hazardous Fuels	Hazardous Fuels Funds Expended on <i>Private Lands</i> in Idaho	Lands in Idar	2
Agency	HFT Program (defined below table)	2008	2001-2008
Bureau of Indian Affairs	Community Assistance	\$0	<b>\$591,829</b>
Bureau of Land Management	Community Assistance	\$709,406	*\$4,706,244
US Fish & Wildlife Service	Community Assistance	\$0	\$242,147
Idaho Department of Lands- USDA Forest Service	Western States Fire Managers	\$766,881	\$10,514,207
Idaho Department of Lands- USDA Forest Service	Community Fire Protection	\$409,675	\$2,842,995
Other HFT Programs 2001-2008		¢Ο	\$595,697
	TOTAL	\$1,885,962	\$1,885,962 \$19,493,119

other entities to support National Fire Plan-related activities. The majority of these funds support hazardous fuels treatment activities, but are not directed at on-the-ground treatments. Community Assistance actions **Community Assistance Funding**—used to provide direct assistance to counties, cities, rural fire districts, or also fund planning activities, fire education, and economic development.

activities in communities throughout Idaho. This program is the primary source of funding for on-the-ground Western States Fire Managers WUI Grant Program—provides funding to local jurisdictions (counties) for HFI HFT projects in the state.

**Community Fire Protection**—provides funding for HFT activities on private lands *adjacent to National Forests*.

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### TRIBAL LANDS 2008: 4,592 acres

### res 2003-2008: 28,629 acres

Idaho's tribes receive direct funding from the Bureau of Indian Affairs for Hazardous Fuels Reduction and Wildland Urban Interface projects. The bulk of these funds are used to support functions within tribal forestry programs. Data obtained from the National Fire Plan Operations Reporting System (NFPORS).

	ribai Lanas in Igano
Tribe	2008 HFR/WUI Funding
Coeur d'Alene	\$895,602
Nez Perce	\$652,482
Shoshone-Bannock	\$168,745
TOTAL	\$1,716,829

Hazardous Fuels Funds Expended on

S

## **PUBLIC LANDS—Federally Managed**

Hazardous Fuels Acres Treated on <i>Federally Managed</i> Lands in Idaho	ed on <i>Federally</i> I	<i>Vlanaged</i> Lands i	n Idaho
Agency	WUI Acres	Non-WUI Acres	Total FY2008
Bureau of Land Management	70,771	47,913	118,684
US Fish & Wildlife Service	1,925	147	2,072
USDA Forest Service	18,798	20,271	39,069
TOTAL	91,494	68,331	159,825

Tracking System (FACTS) databases. Table above does not include 73,366 Wildland Fire Use acres reported by the Data obtained from the National Fire Plan Operations Reporting System (NFPORS) and the Forest Service Activity Forest Service for FY2008.

Firefigh	Firefighting Assistance Funding in Idaho	in Idaho	
Agency	Assistance Program	2008 Funding	2001-2008 Funding
Federal Emergency Management Agency	Assistance to Firefighters Grants	*\$4,297,144	\$26,305,528
Idaho Department of Lands -USDA Forest Service	Volunteer Fire Assistance	\$174,043	\$1,485,757
ldaho Fire Chiefs Association	Firefighter's License Plate Fund	\$57,408	\$314,694
US Department of Interior**	Rural Fire Assistance	\$449,777	\$5,146,018
Other Firefighting Assistance Programs 2001-2008	Programs 2001-2008	\$0	\$408,456
	TOTAL	\$4,978,372	\$33,660,453
*Amount removed is EV2007 Accietance to Eireficktors Grant funding - Borauce most of these	stance to Eirefighters Grant	funding Bacauca	a most of these

\*Amount reported is FY2007 Assistance to Firefighters Grant funding. Because most of these awards were made in Calendar year 2008, they are reported as "2008 Funding".
\*\*FY 2008 RFA Funding by Agency: BLM \$349,277; BIA \$95,000; F&WS \$5,500.

Firefighting assistance includes a number of programs that provide funding to



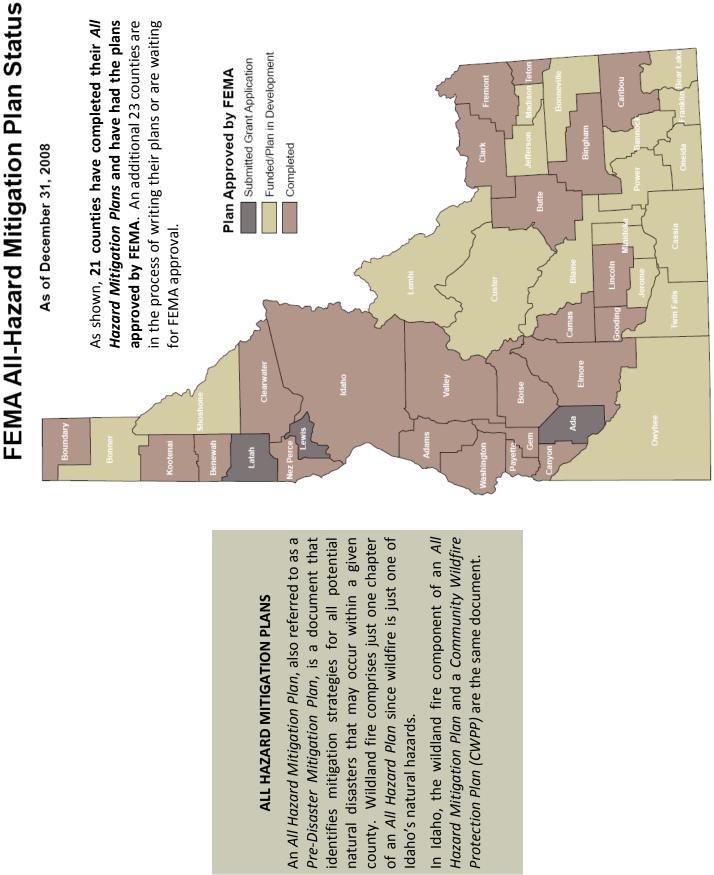
fire districts, departments, or any firefighting entity with tangible resources. This assistance can include personal protective equipment (PPE), communications equipment, training, fire trucks or buildings, as well as assistance with the creation of new fire departments and districts.

## 2008 FIREFIGHTING ASSISTANCE HIGHLIGHTS

- Over 100 fire departments and districts received funding in 2008
- •The Rural Fire Assistance program was restored in FY2008 after going unfunded in FY2007.

## Wildland Fire Planning and Assessment

One particular emphasis of the National Fire Plan (as well as the *Healthy Forests Restoration Act—HFRA*) is the accurate ment tools. The predominant planning tool used by the Idaho State Fire Plan Working Group has been County Wildfire Protection Plans (CWPPs). However, All Hazard Mitigation Plans, along with other local and tribal assessments, have also been characterization of areas prone to wildland fire and other related natural disasters through the use of planning and assessutilized. This section provides an overview of planning activities in 2008.



All counties have completed the wildland fire component of their All-Hazard Plan

# Small Wood Utilization & Woody Biomass Programs

Woody biomass refers to woody debris or other material that can be used for fuel or towards the production of a sale. The Idaho State Fire Plan Working Group is working to connect statewide fuels reduction projects with uses merchantable product. Small wood utilization refers to the development of small-diameter timber for commercial for the woody material cut from these projects.



Small Wood Utilization/Biomass Funding in Idaho	Biomass Funding ii	n Idaho
Program Description	2008 Funding	2001-2008 Funding
USFS Forest Products Laboratory	\$168,200	\$168,200
USFS Economic Action Program	\$0	\$3,206,993
Other Biomass Programs 2001-2008	\$0	\$10,000
TOTAL	<b>\$168,200</b>	\$3,385,193

### **Statistics from National Fire Interagency Fire Center**

Year	Fire Name	Location	Size in Acres
Teal	File Name	Location	Acres
2007	Murphy Complex	BLM Twin Falls District	652,016
2007	Cascade Complex	Boise National Forest	302,376
2007	East Zone Complex	Payette National Forest	300,022
2006	Crystal	BLM Idaho Falls District	220,042
2005	Clover	BLM Twin Falls District	192,846
2000	Clear Creek	Salmon-Challis National Forest	216,961
2000	Eastern Idaho Complex	BLM Idaho Falls District	192,450
2000	SCF Wilderness	Salmon-Challis National Forest	182,600
2000	Diamond	Payette National Forest	149,772
1999	Mule Butte	BLM Aberdeen	138,915

1999-2008 Large Fires (100,000+ acres) \*

\*There were no fires matching this criteria in 2008.

2008 Year-to-Date Report on Fires and Acres Burned in Idaho and Nationally

		Wildland	Prescribed		Wildlan	d Fire Use
State	# Fires	# Acres	# Fires	# Acres	# Fires	# Acres
ID	997	116,796	511	57,365	38	51,671
USA	80,094	5,254,109	7,701	1,942,151	264	236,834

### Prescribed Fire

Any fire ignited by management actions to meet specific objectives. A written, approved prescribed fire plan must exist, and NEPA requirements (where applicable) must be met, prior to ignition.

### Wildland Fire Use

The application of the appropriate management response to naturally-ignited wildland fires to accomplish specific resource management objectives in pre-defined designated areas outlined in Fire Management Plans. Operational management is described in the Wildland Fire Implementation Plan.

The above charts and information are excerpts from the National Interagency Fire Center website at http://www.nifc.gov/.

### **IDAHO DEPARTMENT OF LANDS**

### YEAR END FIRE REPORT

### FOR CALENDAR YEAR (CY) 2008

### SEASON IN REVIEW

The 2008 fire season was below the 26-year average in terms of fire occurrence. On lands for which the Idaho Department of Lands (IDL), Clearwater Potlatch Timber Protective Association (CPTPA), and Southern Idaho Timber Protective Association (SITPA) provide wildland fire protection, firefighters responded to 247 fires (63 percent of average). These fires burned 4,828 acres, which is about 43 percent of the average acreage burned.

Quick response by dedicated teams of firefighters kept 94 percent of these fires less than 10 acres.

Human activity ignited 146 fires (59 percent of the year's total) and accounted for 17 percent of the burned area, or 800 acres. The miscellaneous category started the most human-caused fires, but debris burning fires burned the most area. Arson was the most expensive human-caused category.

Lightning started 101 fires (41 percent of the year's total) and burned 4,028 acres, or 83 percent of the total area.

The average fire size was 19.5 acres, which is 68 percent of the 26 year average. The median fire size was 0.1 acres, which is the usual. The average fire cost was \$26,974, and the cost per acre was \$1,380.

TEN	LARGEST FIRES IN 20	80	
Fire Name	District	Size	<b>Total Cost</b>
Snow Hole	Craig Mountain FPD	2967	\$2,503,343
Church Canyon	Maggie Creek FPD	800	\$2,039,709
Hells Gulch Canyon	West St. Joe FPD	180	\$8,489
Waha Complex	Craig Mountain FPD	150	\$12,906
Hume Creek	West St. Joe FPD	132	\$814,345
Sunny Side	Ponderosa FPD	100	\$764
Elmberry	СРТРА	90	\$24,076
Banner Ridge	Craig Mountain FPD	75	\$8,221
Centerville	Southwest Idaho FPD	41	\$32,462
American Ridge	Ponderosa FPD	40	\$3,609
Total	No. P. L. Co. P.	4,575	\$5,447,924

**TEN MOST EXPENSIVE FIRES IN 2008** 

Fire Name	District	Size	Total Cost
Snowhole	Craig Mountain FPD	2,967	\$2,503,343
Church Canyon	Maggie Creek FPD	800	\$2,039,709
Hells Gulch Canyon	West St. Joe FPD	180	\$8,489
Waha Complex	Craig Mountain FPD	150	\$12,906
Hume Creek	West St. Joe FPD	132	\$814,345
Sunny Side	Ponderosa FPD	100	\$764
Elmberry	СРТРА	90	\$24,076
Banner Ridge	Craig Mountain FPD	75	\$8,221
Centerville	Southwest Idaho FPD	41	\$32,462
American Ridge	Ponderosa FPD	40	\$3,609
Total		4,575	\$5,447,924

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### NUMBER OF FIRES, BY CAUSE, WITH COSTS

General Cause	# of Fires	% of Fires	<b>Total Cost</b>	% of Cost	Cost / Fire
Lightning	101	41%	\$5,833,680	88%	\$57,759
Human Caused					
Miscellaneous	42	17%	\$143,292	2%	\$3,412
Debris Burning	35	14%	\$96,950	1%	\$2,770
Campfire	24	16%	\$22,477	0%	\$937
Arson	19	13%	\$312,788		\$16,463
Equipment Use	18	7%	\$174,244	3%	\$9,680
Railroad	4	2%	\$39,926	1%	\$9,982
Smoking	2	1%	\$38,663	1%	\$19,331
Children	2	1%	\$593	0%	\$296
Total Human	146	59%	\$828,932	12%	\$5,678
Grand Total	247	100%	\$6,662,612	100%	\$26,974

ACRES BURNED BY CAUSE, WITH COSTS

General Cause	Acres Burned	% of Acreage	<b>Total Cost</b>	Cost / Acre	Bill Amount	Amount Collected
Lightning	4,028	83%	\$5,833,680	\$1,448	\$0	\$0
Human Caused						
Debris Burning	311	6%	\$96,950	\$312	\$30,428	\$18,486
Miscellaneous	278	6%	\$143,292	\$515	\$0	\$0
Arson	107	2%	\$312,788	\$2,917	\$1,583	\$0
Equipment Use	93	2%	\$174,244	\$1,878	\$124	:
Railroad	5	0%	\$39,926	\$7,663	\$825	\$660
Campfire	4	0%	\$22,477	\$5,899	\$1,086	
Smoking	2	0%	\$38,663	\$19,331	\$0	\$0
Children	0	0%	\$593	\$2,964	\$299	\$0
Total Human	800	17%	\$828,932	\$1,036	\$34,345	\$19,146
Grand Total	4,828	100%	\$6,662,612	\$1,380	\$34,345	\$19,146

Minor error exists due to rounding

### CAUSES BY DISTRICT

District	# of Fires	Lightning	Misc	Debris Burning	•	Arson	Equip Use	Rail Road	Smoking	Child
Pend Oreille FPD	44	17	10	12	1	1	2	1		
CPTPA	37	19	9	3	3	1	2			
SITPA	34	17		4	9	3				1
West St. Joe FPD	22	3	1	6		7	3	2		
Priest Lake FPD	21	12	6		2		1			
Maggie Creek FPD	17	7	4			6				
Kootenai Valley FPD	16	2	1	6	3		2	1	1	
Mica FPD	14	3	5	3	2					1
Craig Mountain FPD	14	8	2		1		3			
Cataldo FPD	12	6	2		2		1		1	
Southwest Idaho FPD	10	4	1	1	1	1	2			
Ponderosa FPD	6	3	1				2			
Total	247	101	42	35	24	19	18	4	2	2

### DISTRICT ACRES BURNED, BY CAUSE

District	# of Acres	Lightning	Debris Burning	Misc	Arson	Equip Use	Rail Road	Camp Fire	Smoking	Child
Craig Mountain FPD	3,218	3,043.7		151.5		22.4		0.1		
Maggie Creek FPD	806	803.3		2.3	0.6					
West St. Joe FPD	391	133.6	182.6	0.0	64.9	4.5	5.0			
Ponderosa FPD	185	25.0		100.0		60.0				
СРТРА	107	6.6	92.5	6.7	0.1	0.4		0.4		
Southwest Idaho FPD	63	0.4	17.5	0.5	41.0	3.3		0.1		
Pend Oreille FPD	19	2.3	4.9	11.6	0.1	0.4	0.1	0.0		
Kootenai Valley FPD	15	0.6	12.8	0.1		0.4	0.1	0.3	0.5	
Cataldo FPD	9	4.2		2.6		0.1		0.3	1.5	
Priest Lake FPD	8	5.6		0.6		1.5		0.2		
SITPA	5	2.5	0.4		0.6			1.8		0.1
Mica FPD	4	0.3	0.3	2.3				0.6		0.1
Total	4,828	4,028	311	278	107	93	5	4	2	0

Minor error exists due to rounding

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District	# of	Suppression	District	
	Fires	Cost	Cost / Fire	
Craig Mountain FPD	14	\$2,609,724	\$186,409	
Maggie Creek FPD	17	\$2,070,013	\$121,765	
West St. Joe FPD	22	\$1,205,800	\$54,809	
Ponderosa FPD	6	\$102,141	\$17,023	
Cataldo FPD	12	\$163,726	\$13,644	
Southwest Idaho FPD	10	\$92,211	\$9,221	
CPTPA	37	\$176,115	\$4,760	
Priest Lake FPD	21	\$44,741	\$2,131	
Pend Oreille FPD	44	\$84,624	\$1,923	
SITPA	34	\$64,820	\$1,906	
Kootenai Valley FPD	16	\$27,820	\$1,739	
Mica FPD	14	\$20,876	\$1,491	
Total	247	\$6,662,612	\$26,974	

### SUPPRESSION COST PER ACRE BURNED

District	# of	Suppression	District	
	Acres	Cost	Cost / Acre	
Cataldo FPD	9	\$163,726	\$18,928	
SITPA	5	\$64,820	\$12,230	
Mica FPD	4	\$20,876	\$5,880	
Priest Lake FPD	8	\$44,741	\$5,699	
Pend Oreille FPD	19	\$84,624	\$4,371	
West St. Joe FPD	391	\$1,205,800	\$3,087	
Maggie Creek FPD	806	\$2,070,013	\$2,568	
Kootenai Valley FPD	15	\$27,820	\$1,886	
CPTPA	107	\$176,115	\$1,652	
Southwest Idaho FPD	63	\$92,211	\$1,470	
Craig Mountain FPD	3,218	\$2,609,724	\$811	
Ponderosa FPD	185	\$102,141	\$552	
Total	4,828	\$6,662,612	\$1,380	

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District	Total # Multi Fires	# of Days with Multi Fires	Most Fires in 1 Day	
Pend Oreille FPD	27	9	6	
SITPA	19	7	5	
CPTPA	16	4	7	
Priest Lake FPD	11	3	6	
Maggie Creek FPD	11	5	3	
Cataldo FPD	6	3	2	
Craig Mountain FPD	6	2	4	
Kootenai Valley FPD	2	1	2	
West St. Joe FPD	2	1	2	
Ponderosa FPD	2	1	2	
Southwest Idaho FPD	2	1	2	
Mica FPD	0	0	0	
Total	104	37		

### MULTIPULE FIRES PER DAY, BY DISTRICT

### NUMBER OF FIRES WITH AIRCRAFT USE

District	Air Tankers Used	Helicopters Used	
Priest Lake FPD	0	0	
Kootenai Valley FPD	0	0	
Mica FPD	0	0	
Pend Oreille FPD	1	4	
Cataldo FPD	2	3	
West St. Joe FPD	3	5	
Ponderosa FPD	0	0	
Maggie Creek FPD	1	1	
Craig Mountain FPD	2	4	
Southwest Idaho FPD	1	2	
SITPA	1	1	
CPTPA	2	13	
Total	13	33	

The above matrix illustrates the number of aircraft used on fires in the FPD. It does not reflect the amount of use per fire.

### **Referenced Website Links**

Idaho Department of Lands http://www.idl.idaho.gov/bureau/FireMgt/rpt2008end/yr\_end\_2008\_fire\_rpt.pdf

Idaho State Fire Plan Working Group 2008 Annual Report <a href="http://www.idahofireplan.org/images/2008%20ANNUAL%20REPORT.pdf">http://www.idahofireplan.org/images/2008%20ANNUAL%20REPORT.pdf</a>

National Interagency Fire Center Fire Information – Wildland Fire Statistics <u>http://www.nifc.gov/fire\_info/fire\_stats.htm</u>

State Fire Marshal <a href="http://www.doi.idaho.gov/sfm/firemars.aspx">http://www.doi.idaho.gov/sfm/firemars.aspx</a>



Sucker Creek Fire Payette County/Gem County Photo taken by Rick Welch

A very special "thank you" to those who shared their expertise, data and pictures in the making of this report:

Idaho Fire Departments Office of State Fire Marshal Department of Insurance National Interagency Fire Center Idaho Department of Lands Idaho State Fire Plan Working Group

Front cover photo of the Oregon Trail Fire. Boise, Idaho.



Costs associated with this publication are available at the office of the Idaho State Fire Marshal. This report is available in electronic format through the Department of Insurance website: http://www.doi.idaho.gov.

Fire in Idaho 2008



**Glenns Ferry Fire Department** 



Donnelly Volunteer Fire Department

### BURNERS OF THE STREEM OF THE S

### Fire Stations Across Idaho



Midvale Fire Protection District





Potlatch Rural Fire Department