

A dramatic photograph of a large building engulfed in flames at night. The fire is intense, with bright yellow and orange flames rising from the structure. In the foreground, two firefighters in full protective gear are silhouetted against the fire. One firefighter is in the center, facing away from the camera, while another is to the left, holding a hose. The scene is filled with thick smoke and the glow of the fire, creating a powerful and somber atmosphere.

FIRE
in Idaho
2004

Dedication



We dedicated this publication to all the men and women in the fire service who have committed themselves to saving lives and property in the face of adversity whether they are serving abroad or in our country.

State of Idaho
DEPARTMENT OF INSURANCE
DIVISION OF THE STATE FIRE MARSHAL

DIRK KEMPTHORNE
Governor

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GARY SMITH
Director

MARK LARSON
State Fire Marshal

July 1, 2005

Honorable Dirk Kempthorne
Governor, State of Idaho
Statehouse
Boise, ID 83720



Dear Governor Kempthorne:

The 2004 annual report is based on the information submitted by 176 Idaho fire departments, districts and associations. These dedicated public servants, both career and volunteer, protect over 97 percent of Idaho's population.

The number of reported fires in Idaho was down 5 percent over those reported in 2003. This is more than twice the percentage of decline reported on a national level by the National Fire Protection Association.

Civilian fire deaths declined a slight .6 percent on a national level, but Idaho experienced a 20 percent reduction in civilian fatalities in 2004. We were very fortunate that there were no line of duty deaths experienced by the reporting fire agencies in 2004.

We can all strive to continue this positive reduction in fire service statistics. Idaho was a safer state in 2004 thanks to the efforts of the 5,494 firefighters and the 236 departments that support them.

My entire staff and I remain dedicated to the state of Idaho.

Respectfully submitted,

A handwritten signature in black ink that reads "Mark Larson". The signature is written in a cursive, flowing style.

Mark Larson
State Fire Marshal

Fire in Idaho

2004

Governor
Dirk Kempthorne

Department of Insurance
Mary L. Hartung, 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 (IFIRS).

This report is a summary of the fire incidents reported to this office by the departments participating in the Idaho Fire Incident Reporting System (IFIRS) as well as the activities of the Office of the State Fire Marshal. My staff and I thank those departments for their time and efforts.

Fires were only 10% of the incidents emergency vehicles responded to in 2004. This number has been decreasing over the last four years. This smaller number of fires resulted in \$32,829,344 of estimated fire losses. This figure was almost the same as in 2003.

Nationally, a fire department responds to a fire every 20 seconds and a structure fire every 60 seconds. In Idaho, our emergency service responders go to a fire every 1.3 hours and a structure fire every 5.7 hours. Almost 90 percent of Idaho fire departments responses are to non-fire incidents.

The State Fire Marshal's Office continues to work as a resource for local departments in instructional, fire code and fire investigation activities. Through our data collection efforts and the application of improving technology, we can continue to show local departments how to utilize the statistics they generate.

Visit the Idaho State Fire Marshal's website at
<http://www.doi.idaho.gov/sfm/firemars.aspx>



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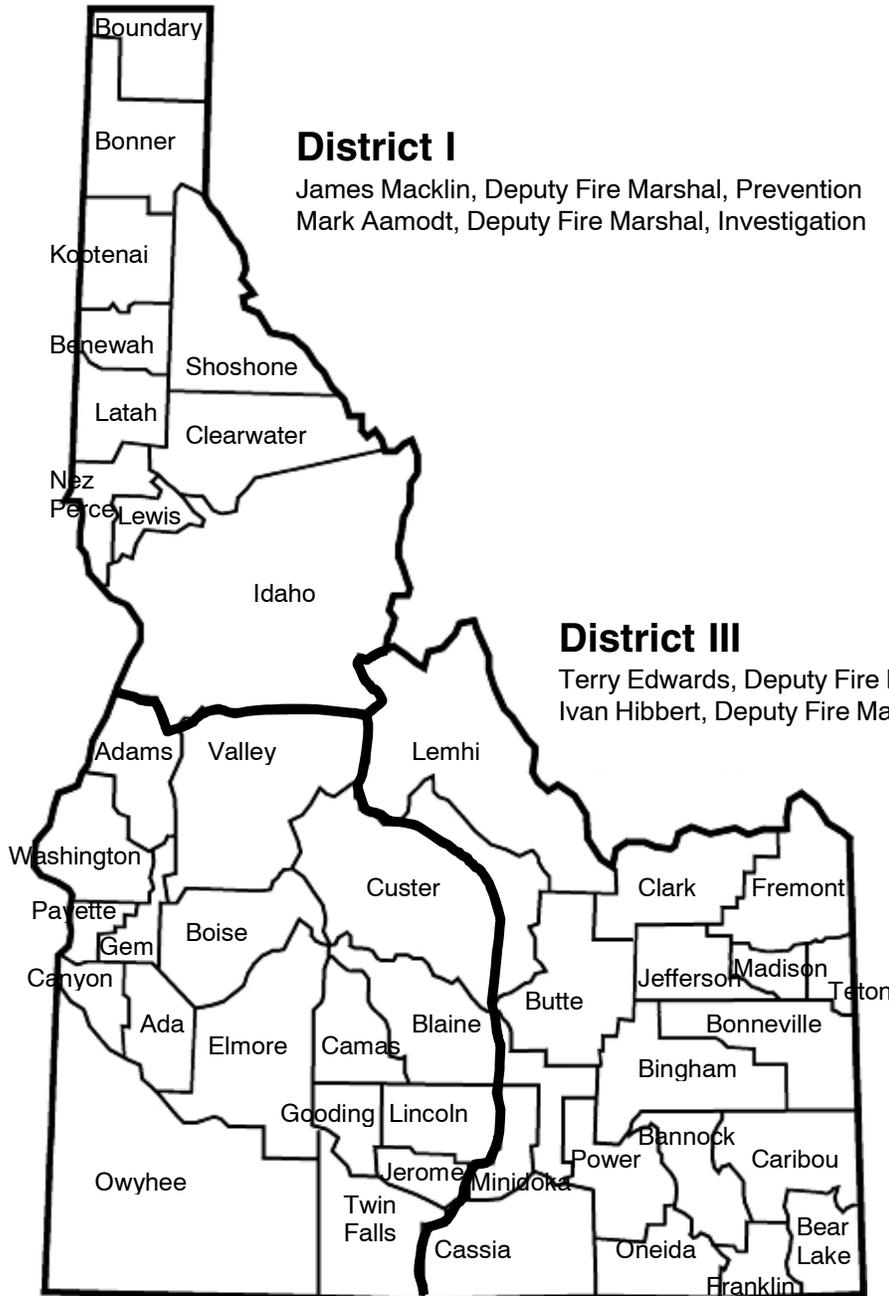
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State Fire Marshal Division



District I

James Macklin, Deputy Fire Marshal, Prevention
Mark Aamodt, Deputy Fire Marshal, Investigation

District III

Terry Edwards, Deputy Fire Marshal, Prevention
Ivan Hibbert, Deputy Fire Marshal, Investigation

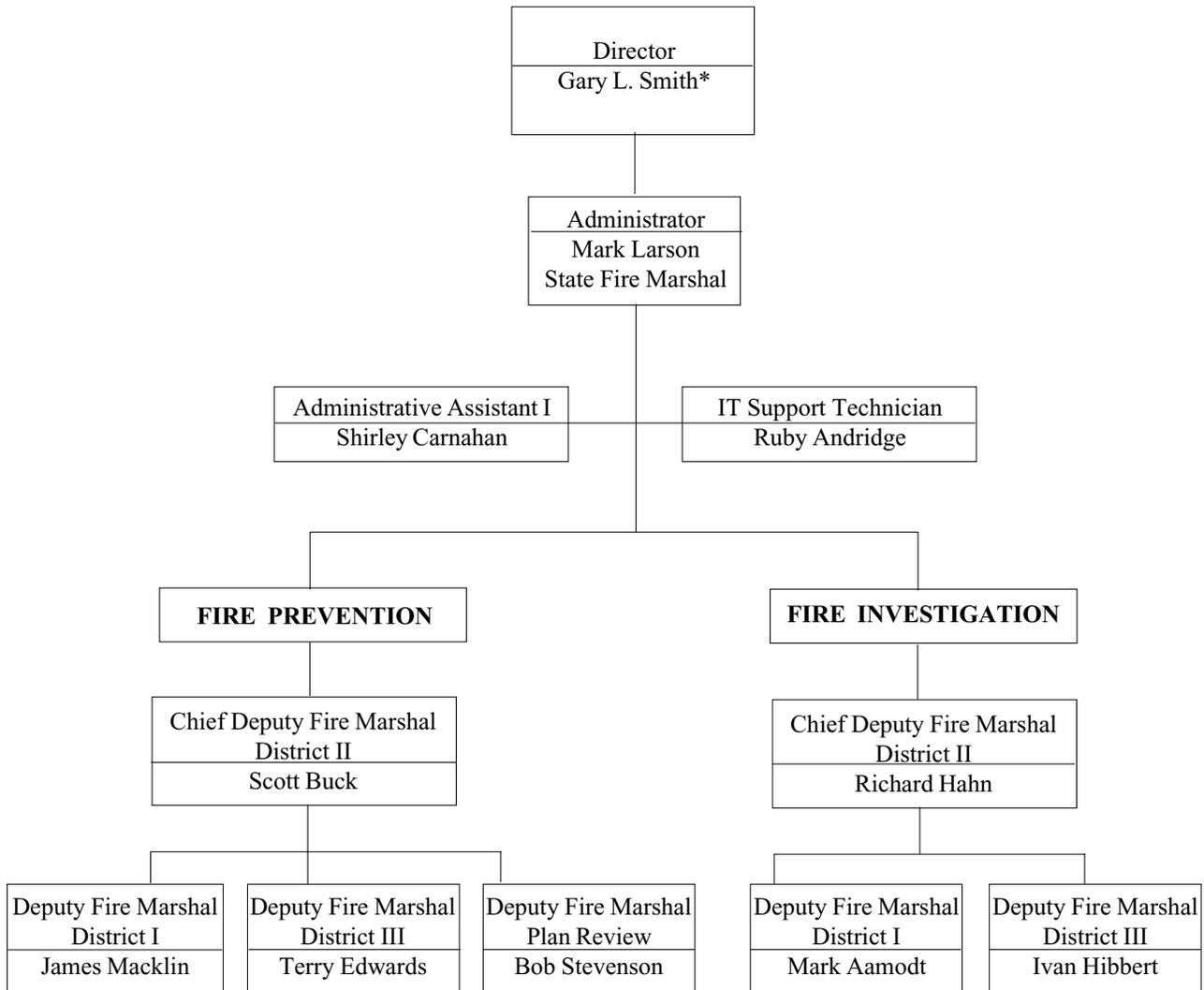
District II

Scott Buck, Deputy Fire Marshal, Prevention
Richard Hahn, Deputy Fire Marshal, Investigation

PART I



State Fire Marshal Organizational Chart



**Gary Smith took office December 2004.*

Advisory Board 2004

Ben Estes, Pocatello
 Robert Tyler, Sandpoint
 Doug Brown, Caldwell
 Lynn Borders, Post Falls
 Ron Clark, Twin Falls
 Bill Cowin, Kingston
 Richard Gabriel, Moscow
 Ron Anderson, Nampa

Bart Lassman, Hailey
 Kevin Quick, Pocatello
 Dean Ellis, Idaho Falls
 Shane Walker, Boise
 Dave Hanneman, Boise
 Jim Washko, Coeur d'Alene
 Kevin Courtney, Star



Fire Prevention Deputies provide a statewide program for fire prevention through the inspection of buildings, review of new construction plans, fire cause and origin determination, and fire code training to certify fire inspectors.

Plan reviews are conducted on all state buildings as required by statute as well as those requested by local jurisdictions.

The deputies also provide assistance with fire alarm testing and sprinkler inspection as well as code interpretation and assistance when requested by the local jurisdictions.

Deputies are responsible for providing training and testing for certification in the application of the state-adopted fire code. This ensures consistency in the interpretation and application of the fire code throughout the state of Idaho.



Photo by Richard Hahn

2004
 21 - Classes Taught
 272 - Plan Review
 238 - Inspections

District I

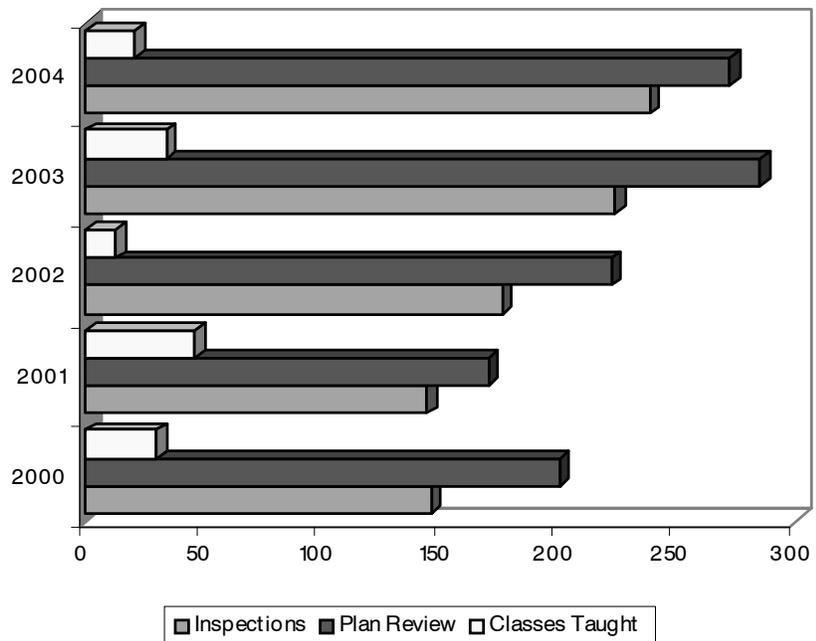
Jim Macklin
 (home/office)
 Lewiston, ID 83501
 208-799-5024

District II

Scott Buck
 700 W. State Street
 Boise, ID 83720-0043
 208-334-4370

District III

Terry Edwards
 1820 E 17th St, Suite 365
 Idaho Falls, ID 83404
 208-525-7022



Fire Prevention

Certification and Licensing

Rule 18.01.43 - Fire Inspector Certification

This rule ensures that fire inspectors meet minimum standards. Applicants must complete a 24-hour International Fire Code class and pass an examination. Initial certification must be renewed on an annual basis

Certifications Issued and Renewed: 682

Rule 18.01.49 - Fire Protection Sprinkler License

This rule sets standards and ensures the competency of sprinkler companies that operate in Idaho. Company owners must meet minimum qualifications and test to be licensed. Fire protection sprinkler fitters can choose to be licensed by meeting minimum qualifications and testing.

Certifications Issued and Renewed: Contractors - 52 Plans Reviewed - 374
Fitters - 45 Inspections - 59

Idaho Code Section 39-2603 - Fireworks Wholesale or Import License

This statute sets the standards for the issuance of fireworks wholesale and import licenses.

Licenses Issued and Renewed: 38

Property Insurance Loss Register (PILR)

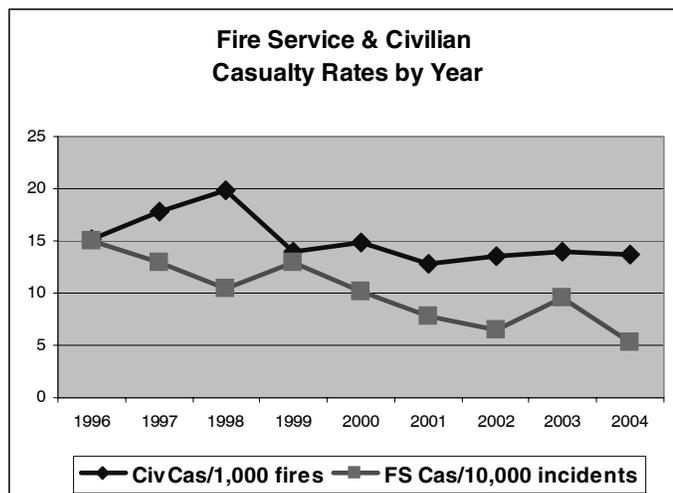
Insurance companies are required to report claims on fire losses over \$1,000 within 7 days of settlement. There were 931 claims during 2004.

Property Losses Paid: \$43,849,062

Idaho Fire Incident Reporting System (IFIRS)

There were 7 departments (Chubbuck, Kootenai County, Lewiston, Hailey, Cottonwood, Twin Falls, and Sagle) that received \$111,819 in Fire Prevention and Safety Program grants during the 2004 Assistance to Firefighters Grant Program. This is a sharp contrast to the 47 departments that received over \$4,827,841 in grants for Firefighter Safety and Firefighting Vehicles.

The need for fire safety education is still very evident. The number of fire calls is decreasing as Idaho's population continues to grow, yet the nine-year comparison of civilian and firefighter casualties show the number of firefighter casualties decline while the civilian casualties remain constant.



Source: IFIRS - This table shows civilian casualty rates based on fires only, per 1,000 fires. Fire service casualty rates are based on all-incident types per 10,000 incidents.



Fire and Arson Investigations

Fire investigation is an important tool for the future of fire and arson prevention. The investigation of all fire incidents can be a deterrent to the arsonists when they know all fires will be closely examined. Through the investigation for origin and cause, fire prevention education needs can be customized for local communities and the importance of fire and building codes can be realized.

The Fire Marshal's Office investigated 85 fires during 2004. Of those, 16% were intentionally caused. The Fire Marshal's Office is requested to assist in the investigation of only 14% of the undetermined fires that occur within the state. Fire departments within the state listed 646 fires with the cause being **undetermined**. Many of these fires are possible arson fires. Fire departments who list a fire cause as undetermined could request further assistance from the State Fire Marshal's Office or other available resources in order to determine the cause and reduce the crime of arson.

Fire department investigators need to keep up to date on new technology and investigative techniques in order to increase our efforts to identify the origin and cause of fires. Arson is a crime, and law enforcement personnel need to be involved in the investigation of a suspicious fire. The State Fire Marshal's Office will provide training at no cost to all public safety agencies.



Photo by Richard Hahn

District I

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

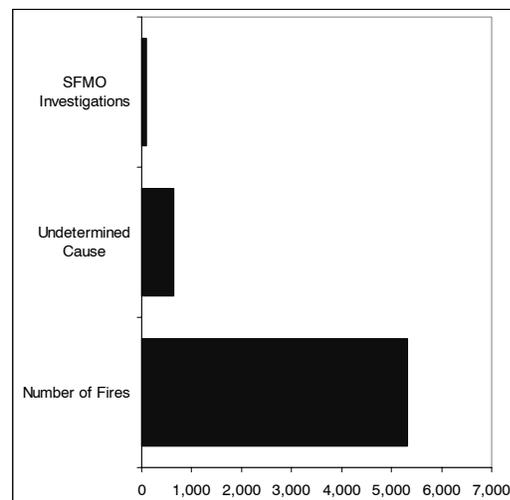
District II

Richard Hahn
700 W. State Street
Boise, ID 83720-0043
208-334-4370

District III

Ivan Hibbert
1820 E. 17th St., Suite 365
Idaho Falls, ID 83404
208-525-7209

Statewide Investigation Totals



Summary Statistics

The information in this report comes directly from the incident reports sent to the State Fire Marshal. The number of reporting departments has increased to 75% of all departments and covers 97% of the population protected. The number of incidents submitted has increased by 8% from 2003.

The role of the emergency services continues to change with 90% of all incidents non-fire. However, summaries on types of fires and their causes are detailed in this report because fires cause the most devastation in terms of human life and economics to the family and community.

2004 Incident Picture at a Glance

FIRES – down 13%

Structure fires – down 5%

Fire deaths – down 19%

Fire injuries – down 14%

Property damage – up \$500,000

ALL INCIDENTS

Fire service injuries - up 4%

Fire service deaths - none

NON-FIRE INCIDENTS – Up 9%

EMS – up 12%

False alarms – up 9%

Hazardous conditions – down 7%

Service calls – up 8%

Good intent – up 10%

Total of all incidents reported – up 12% from 2003

Fires/Non-Fires

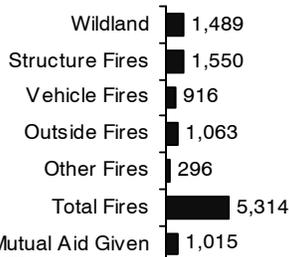
- No children died in fires during 2004, but injuries stay up
- Ages of juvenile-set fires are up; number of fires are down
- Intentionally set fires - 8% of total fires
- Nature caused - 19% of wildland fires
- Unsupervised persons - 63% of wildland fires
- Three out of every 5 incidents are EMS
- Motor vehicles accidents - 12% of all EMS calls
- Decline in resources dispatched to the emergency scene



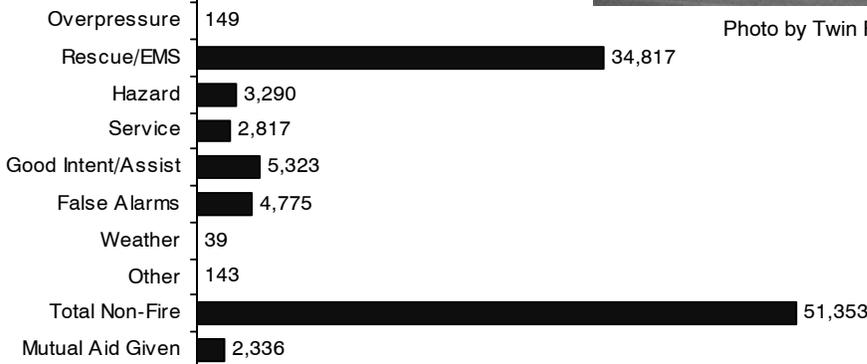
Summary Statistics

2004 State Incident Summary

Fires



Non- Fires



Total Responses 60,018

Photo by Twin Falls Fire Department

Total Responses by Type Mutual Aid Given

	#	%	Resp Time	%<=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Fire	6,329	10.5%	0:08:14	46.3%	1:55:47	3.0	6.0	\$32,829,341	64	14	33	0
Explosion	167	0.3%	0:05:13	65.9%	0:32:42	3.0	6.0	\$66,150	0	0	0	0
EMS	35,913	59.8%	0:06:06	63.2%	0:34:06	1.0	3.0	\$735,000	8	8	15	0
Hazard	3,457	5.8%	0:07:10	52.3%	0:49:22	2.0	4.0	\$1,422,281	11	3	1	0
Service	2,933	4.9%	0:07:16	50.4%	0:39:11	2.0	3.0	\$234,275	0	0	0	0
Assist	5,974	10.0%	0:06:55	26.0%	0:18:46	2.0	4.0	\$41,850	0	0	0	0
False Alarms	5,052	8.4%	0:05:24	66.2%	0:20:58	3.0	6.0	\$69,500	0	0	1	0
Weather	40	0.1%	0:07:41	50.0%	0:59:24	2.0	5.0	\$14,600	0	0	0	0
Other	153	0.3%	0:06:19	57.5%	0:48:06	1.0	3.0	\$0	0	0	0	0
* Total/Average	60,018	100.0%	0:06:26	56.7%	0:41:15	2.1	4.5	\$35,412,997	83	25	50	0

*Calculation of Total Averages is based on grand total of all response times divided by grand total of incidents (60,018).

The National Fire Protection Association guidelines for response time indicate a department should be able to respond to a structure fire call within 6 minutes, 90% of the time. Only 35% of fire departments nationwide achieved that goal in 2002. Nationally, only 54% of career departments met that criterion in that same year.

Average response time is just that, an average. One or two remote calls can offset numerous quick responses for a department's annual statistics. Each department's response time is impacted by numerous factors, including: manpower, station location, time of day, and time of year. Another consideration is the calculation of response time - does the department start it from time of dispatch notification, fire department notification, or leaving the station?

Given the size of the state and the rural nature of over 80% of the responding departments, Idaho's statistical averages look very good.



Summary Statistics

Top 10 by Incident Type (No Mutual Aid Given)

Fire

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ	Civ	FS	FS
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Building fires	811	15.3%	0:06:51	52.9%	2:11:43	4.9	10.4	\$27,836,443	50	10	26	0
Passenger vehicle fire	688	12.9%	0:06:04	61.2%	0:40:44	2.1	5.0	\$975,550	2	0	1	0
Brush and grass fire	543	10.2%	0:09:05	36.8%	1:06:30	3.0	6.8	\$36,400	1	0	1	0
Grass fire	539	10.1%	0:07:30	46.4%	0:39:57	2.8	5.5	\$18,285	3	0	0	0
Outside rubbish, trash fire	412	7.8%	0:06:58	47.3%	0:34:59	2.0	5.1	\$38,160	0	0	0	0
Fire, other	296	5.6%	0:07:01	53.0%	0:43:35	2.6	5.6	\$76,257	0	0	0	0
Chimney or flue fire	252	4.7%	0:07:45	48.8%	0:43:25	3.3	6.0	\$44,700	0	0	0	0
Cooking fire	230	4.3%	0:04:50	71.3%	0:30:21	3.4	7.9	\$145,990	2	0	0	0
Dumpster fire	181	3.4%	0:05:20	71.3%	0:27:18	1.5	4.4	\$17,815	0	0	0	0
Outside rubbish fire	180	3.4%	0:08:00	40.0%	0:33:24	1.7	3.8	\$1,500	0	0	0	0

Good Intent

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ	Civ	FS	FS
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Dispatched & canceled en route	2,878	54.1%	0:06:26	6.8%	0:10:27	1.4	3.6	\$35,000	0	0	0	0
Good intent call	784	14.7%	0:06:22	58.2%	0:23:23	2.0	3.9	\$3,800	0	0	0	0
Controlled burning	590	11.1%	0:08:20	41.4%	0:27:53	1.9	4.1	\$1,600	0	0	0	0
Smoke scare, odor of smoke	411	7.7%	0:05:46	58.2%	0:25:34	2.8	6.2	\$1,450	0	0	0	0
Steam or dust	165	3.1%	0:05:47	61.2%	0:17:32	2.4	5.5	\$0	0	0	0	0
No incident found	153	2.9%	0:08:19	35.3%	0:17:17	1.8	4.2	\$0	0	0	0	0
Hazmat release investigation	104	2.0%	0:06:54	52.9%	0:48:45	1.3	3.1	\$0	0	0	0	0
Steam, other gas	74	1.4%	0:05:10	64.9%	0:16:05	2.3	5.7	\$0	0	0	0	0
Wrong location	55	1.0%	0:07:26	43.6%	0:16:36	1.7	3.7	\$0	0	0	0	0
EMS transported by non-fire agency	39	0.7%	0:06:39	56.4%	0:17:01	1.7	3.3	\$0	0	0	0	0

EMS

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ	Civ	FS	FS
			Time	%<=6min					Inj	Fatal	Inj	Fatal
EMS call	22,921	65.8%	0:05:44	67.1%	0:31:55	1.4	2.4	\$0	0	0	10	0
Rescue, EMS	4,079	11.7%	0:07:11	54.9%	0:45:09	1.4	3.2	\$29,000	0	1	0	0
Assist EMS crew	3,353	9.6%	0:06:08	55.5%	0:27:49	1.6	3.9	\$43,000	0	0	0	0
Vehicle accident with injuries	2,835	8.1%	0:06:04	64.8%	0:32:13	1.8	3.5	\$324,900	6	2	5	0
Vehicle accident with no injuries	705	2.0%	0:06:15	58.7%	0:25:47	1.3	3.7	\$0	0	0	0	0
Motor vehicle/pedestrian accident	292	0.8%	0:04:44	74.7%	0:49:07	1.4	3.1	\$0	0	0	0	0
Extrication from vehicle	240	0.7%	0:08:46	36.7%	1:00:26	2.5	6.1	\$336,900	2	3	0	0
Rescue or EMS standby	155	0.4%	0:07:59	48.4%	0:47:45	1.8	3.3	\$1,200	0	0	0	0
Lock-in	69	0.2%	0:06:42	50.7%	0:22:09	1.4	3.0	\$0	0	0	0	0
Extrication, rescue, other	53	0.2%	0:08:49	43.4%	1:00:39	2.3	5.4	\$0	0	1	0	0

Overpressure

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ	Civ	FS	FS
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Excessive heat, no ignition	91	61.1%	0:04:27	74.7%	0:30:58	3.4	6.5	\$4,650	0	0	0	0
OP rupture, explosion	17	11.4%	0:06:23	47.1%	0:29:25	2.6	4.5	\$61,000	0	0	0	0
OP rupture, air or gas	10	6.7%	0:04:54	70.0%	0:47:56	2.8	7.8	\$0	0	0	0	0
Explosion (no fire), other	9	6.0%	0:05:14	66.7%	0:53:26	2.4	5.7	\$500	0	0	0	0
Air or gas rupture of pressure	5	3.4%	0:06:24	40.0%	0:37:31	2.8	4.4	\$0	0	0	0	0
Fireworks explosion (no fire)	5	3.4%	0:06:52	60.0%	0:12:35	1.6	3.6	\$0	0	0	0	0
OP rupture, other	5	3.4%	0:08:47	20.0%	0:26:46	2.2	6.6	\$0	0	0	0	0
Chemical reaction rupture	4	2.7%	0:04:31	50.0%	0:32:36	2.3	6.3	\$0	0	0	0	0
OP rupture from steam	2	1.3%	0:07:30	50.0%	0:15:00	2.0	5.0	\$0	0	0	0	0
Steam rupture	1	0.7%	0:03:00	100.0%	0:30:00	1.0	4.0	\$0	0	0	0	0



Summary Statistics

Top 10 by Incident Type (continued) (No Mutual Aid Given)

HazMat

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ		FS	
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Vehicle accident, cleanup	1,046	31.8%	0:06:14	58.4%	0:35:42	1.4	4.1	\$126,650	8	3	1	0
Gas leak (natural gas or LPG)	359	10.9%	0:06:15	51.8%	0:39:58	1.8	4.3	\$1,200	0	0	0	0
Power line down	333	10.1%	0:07:28	44.4%	0:47:03	1.5	4.0	\$10,500	0	0	0	0
Gasoline/flammable liquid spill	220	6.7%	0:07:22	53.6%	0:58:48	1.6	3.6	\$3,316	0	0	0	0
Aircraft standby	213	6.5%	0:07:29	39.9%	1:26:23	1.5	3.6	\$1,000	0	0	0	0
Arcing, electrical equipment	165	5.0%	0:06:32	51.5%	0:33:56	2.1	4.4	\$10,480	0	0	0	0
Electrical wiring/equipment	154	4.7%	0:05:32	63.6%	0:30:21	2.6	4.8	\$760	0	0	0	0
Hazardous condition, other	124	3.8%	0:08:32	50.0%	0:54:34	1.9	3.0	\$3,000	0	0	0	0
Accident/potential accident, other	123	3.7%	0:08:08	42.3%	0:38:17	1.7	3.3	\$45,000	0	0	0	0
Oil/combustible liquid spill	106	3.2%	0:06:40	47.2%	0:52:04	1.6	3.3	\$1,600	0	0	0	0

Service Calls

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ		FS	
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Assist invalid	426	15.1%	0:06:28	49.3%	0:17:00	1.1	2.7	\$0	0	0	0	0
Unauthorized burning	400	14.2%	0:08:27	36.5%	0:31:28	1.6	3.4	\$200	0	0	0	0
Smoke or odor removal	319	11.3%	0:05:55	57.7%	0:28:12	2.9	5.3	\$21,025	0	0	0	0
Assist police	300	10.6%	0:11:05	52.0%	1:38:37	1.5	3.7	\$0	0	0	0	0
Public service	290	10.3%	0:07:15	48.3%	0:29:25	1.1	2.8	\$11,600	0	0	0	0
Public service assistance, other	288	10.2%	0:05:39	60.4%	0:26:01	1.1	2.4	\$0	0	0	0	0
Service call, other	258	9.2%	0:07:29	46.1%	0:44:36	1.4	2.7	\$11,000	0	0	0	0
Person in distress, other	187	6.6%	0:05:52	51.9%	0:19:42	1.3	2.0	\$0	0	0	0	0
Water or steam leak	64	2.3%	0:06:09	56.3%	0:37:34	2.4	15.4	\$86,200	0	0	0	0
Lock-out	62	2.2%	0:06:00	50.0%	0:17:10	1.3	1.9	\$0	0	0	0	0

False Alarm

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ		FS	
			Time	%<=6min					Inj	Fatal	Inj	Fatal
False alarm	939	19.7%	0:06:20	57.4%	0:18:28	2.3	4.3	\$0	0	0	0	0
Smoke detector activation, no fire	729	15.3%	0:05:05	71.1%	0:18:15	3.2	7.0	\$0	0	0	1	0
Alarm system, no fire	654	13.7%	0:04:58	69.3%	0:21:26	3.3	7.1	\$0	0	0	0	0
Smoke detector malfunction	589	12.3%	0:05:15	68.3%	0:22:42	3.0	7.1	\$0	0	0	0	0
Alarm system malfunction	476	10.0%	0:05:23	64.7%	0:24:15	3.1	7.2	\$0	0	0	0	0
Detector activation, no fire	306	6.4%	0:04:48	70.6%	0:17:31	3.3	7.2	\$0	0	0	0	0
System malfunction, other	226	4.7%	0:04:48	74.3%	0:23:09	3.3	6.9	\$0	0	0	0	0
Unintentional transmission of alarm	218	4.6%	0:04:40	74.8%	0:17:10	2.9	6.7	\$0	0	0	0	0
Sprinkler activation, no fire	115	2.4%	0:05:10	68.7%	0:28:02	4.2	8.0	\$7,500	0	0	0	0
Malicious, mischievous false call	99	2.1%	0:04:48	78.8%	0:18:50	3.5	7.5	\$0	0	0	0	0

Weather

	#	%	Resp		Duration	Apparatus	Staff	\$Loss	Civ		FS	
			Time	%<=6min					Inj	Fatal	Inj	Fatal
Wind storm	12	30.8%	0:07:50	33.3%	0:57:50	3.1	6.7	\$1,000	0	0	0	0
Lightning strike (no fire)	12	30.8%	0:07:11	50.0%	0:53:03	2.2	7.8	\$4,600	0	0	0	0
Severe weather, other	11	28.2%	0:09:08	63.6%	1:25:24	1.9	3.1	\$0	0	0	0	0
Flood assessment	4	10.3%	0:04:39	75.0%	0:22:51	1.3	1.5	\$9,000	0	0	0	0



Summary Statistics

Time, Month and Day (Including Mutual Aid Given)

Time

	#	%	Resp Time	% <=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Midnight - 4a.m.	5,478	9.1%	0:06:53	47.3%	0:41:16	1.7	3.6	\$5,609,045	21	5	5	0
4 a.m. - 8 a.m.	5,289	8.8%	0:07:00	49.4%	0:54:55	1.8	3.7	\$7,989,947	6	7	8	0
8 a.m. - noon	11,670	19.4%	0:06:13	60.0%	0:39:19	1.8	3.6	\$4,665,114	12	5	6	0
Noon - 4 p.m.	13,702	22.8%	0:06:26	57.6%	0:44:41	1.8	3.6	\$6,272,476	21	4	11	0
4 p.m. - 8 p.m.	14,033	23.4%	0:06:18	58.5%	0:39:05	1.8	3.8	\$7,163,792	15	2	10	0
8 p.m. - midnight	9,846	16.4%	0:06:19	58.1%	0:34:33	1.8	3.8	\$3,712,623	8	2	10	0

Month

	#	%	Resp Time	% <=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
January	4,789	8.0%	0:06:32	53.4%	0:36:38	1.8	3.7	\$3,591,999	16	3	6	0
February	4,141	6.9%	0:06:14	57.7%	0:32:48	1.8	3.6	\$1,362,215	6	2	9	0
March	4,984	8.3%	0:06:14	56.2%	0:36:14	1.8	3.7	\$3,502,280	4	1	4	0
April	4,859	8.1%	0:06:08	58.0%	0:33:51	1.8	3.6	\$3,075,232	7	2	1	0
May	4,687	7.8%	0:06:20	58.3%	0:35:55	1.7	3.5	\$1,974,850	13	2	5	0
June	5,169	8.6%	0:06:24	57.5%	0:43:28	1.8	3.7	\$3,018,569	7	4	4	0
July	5,955	9.9%	0:07:02	54.8%	1:02:53	1.8	3.7	\$3,203,727	4	0	3	0
August	5,692	9.5%	0:06:48	55.0%	1:00:54	1.8	3.6	\$2,628,685	5	2	1	0
September	4,940	8.2%	0:06:23	56.7%	0:36:35	1.8	3.7	\$2,306,315	7	3	4	0
October	5,171	8.6%	0:06:13	58.6%	0:35:30	1.8	3.6	\$2,234,045	3	0	4	0
November	4,563	7.6%	0:06:21	57.3%	0:36:16	1.8	3.8	\$5,994,470	6	0	6	0
December	5,068	8.4%	0:06:21	57.6%	0:34:45	1.8	3.8	\$2,520,610	5	6	3	0

Day

	#	%	Resp Time	% <=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Sunday	7,781	13.0%	0:06:29	57.7%	0:45:03	1.8	3.7	\$3,040,177	14	0	9	0
Monday	8,525	14.2%	0:06:21	56.5%	0:42:51	1.8	3.6	\$3,118,558	12	7	4	0
Tuesday	8,567	14.3%	0:06:14	57.6%	0:44:29	1.8	3.7	\$4,575,429	10	4	14	0
Wednesday	8,621	14.4%	0:06:29	56.3%	0:35:41	1.8	3.7	\$10,098,244	10	3	7	0
Thursday	8,808	14.7%	0:06:21	57.2%	0:44:10	1.8	3.7	\$3,033,610	9	3	5	0
Friday	9,198	15.3%	0:06:19	57.0%	0:39:04	1.8	3.6	\$5,046,976	19	6	5	0
Saturday	8,518	14.2%	0:06:50	54.7%	0:37:57	1.8	3.6	\$6,500,003	9	2	6	0



Summary Statistics

Firefighter Costs by Incident Type/Actions Taken*

	#	Duration	Staffing	Apparatus	Staff Hrs/Inc	App Hrs/Inc	Staff \$/Inc	App \$/Inc	Total Cost/Inc	Total 2004 Costs
Fire	6,329	1:55	5.9	2.8	11.3	5.4	\$215	\$547	\$762	\$4,824,333
Explosion	167	0:32	5.8	3.0	3.1	1.6	\$59	\$163	\$222	\$37,070
EMS	35,913	0:34	2.8	1.5	1.6	0.9	\$30	\$87	\$117	\$4,196,314
Hazard	3,457	0:49	4.1	1.8	3.3	1.5	\$64	\$150	\$214	\$738,271
Service	2,933	0:41	3.5	1.5	2.4	1.0	\$46	\$105	\$150	\$440,641
Good Intent	5,974	0:17	4.0	1.7	1.2	0.5	\$22	\$50	\$73	\$433,225
False Alarms	5,052	0:22	5.7	2.7	2.1	1.0	\$41	\$104	\$145	\$730,150
Weather	40	1:02	4.4	1.8	4.5	1.9	\$86	\$190	\$276	\$11,044
Other	153	0:55	2.5	1.6	2.3	1.5	\$44	\$150	\$193	\$29,551
Grand Total	60,018		38.7	18.4						\$11,440,600

*Personnel and apparatus costs are based on 2004 Fire Service Organization Rates supplied by the Idaho Department of Lands. The rates were \$19 per hour for staff and \$102 per hour for equipment.

Costs remain consistent from 2003 with an 8% increase in incidents and total costs. It is directly proportional to the number of incidents. EMS runs were 6 times more frequent than fire runs. Idaho's emergency services departments spent close to \$11.5 million in 2004 to perform their services.

Resources needed for fighting fires still take the largest portion of a department's budget with an average cost per incident rate of \$762. EMS runs, which are 60% of the total, average at \$117 per incident. Even though the number of fires is decreasing, it is safe to say that a concerted effort on fire prevention education could save a department money.

Top Incident Types by Cost to Departments

- Fire - \$4,824,333 (10.5% of total)
- EMS - \$4,196,314 (59.8% of total)
- Hazardous Condition - \$738,271 (5.8% of total)
- False Calls - \$730,150 (8.4% of total)

The trend appears to be cost cutting by down-sizing the number of staff and apparatus that respond. The 2004 data support that on average, staff was cut by 5.3 persons and apparatus by 1.4 for all incident types.

Firefighter Primary Actions Taken

	#	%	Resp Time	%<=6min.	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Provide basic life support (BLS)	16,096	31.8%	0:05:07	71.3%	0:30:05	1.4	3.0	\$186,000	0	0	6	0
Investigate	8,593	17.0%	0:06:10	59.1%	0:24:42	2.3	5.0	\$1,075,372	3	1	2	0
Emergency medical services, other	5,396	10.7%	0:06:51	57.4%	0:38:00	1.5	2.7	\$3,700	0	0	0	0
Cancelled enroute	4,570	9.0%	0:06:06	24.8%	0:11:17	1.4	3.4	\$35,300	0	0	0	0
Extinguish	4,219	8.3%	0:08:06	46.0%	2:26:39	2.9	6.3	\$30,008,639	45	7	31	0
Provide first aid & check for injuries	3,651	7.2%	0:05:41	62.3%	0:28:36	1.5	3.0	\$159,200	2	0	1	0
Provide advanced life support (ALS)	3,261	6.5%	0:07:11	51.6%	0:44:01	2.0	2.4	\$2,000	0	0	3	0
Transport person	1,968	3.9%	0:10:05	39.2%	1:05:06	1.6	1.1	\$0	0	0	0	0
(blank)	1,721	3.4%	0:05:13	67.9%	0:27:25	1.5	3.2	\$1,000	0	0	4	0
Standby	1,081	2.1%	0:07:29	48.3%	1:00:49	1.6	3.8	\$19,720	0	0	0	0
Total/Average	50,556	100.0%	0:06:15	57.6%	0:40:45	1.7	3.5	\$31,490,931	50	8	47	0

Summary Statistics

Rescue and Emergency Medical Services

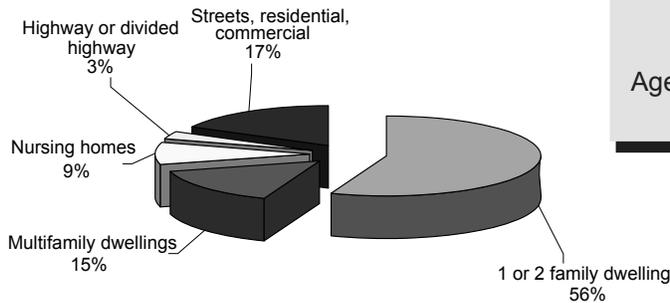
There were over 35,000 incidents submitted and coded in the Rescue and EMS category. This is a 14% increase from 2003 data. This category represents 60% of the total incident count.

In this category 27,622 incidents were coded as EMS. Over 800 of these included detailed patient care information. There were 61 departments that submitted incident types in this category. The majority (94.5%) came from the Boise Fire Department.

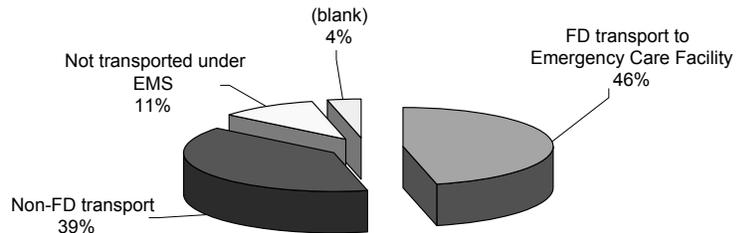
By Frequency:

Who: Females - 53%
 Causes: Falls
 Motor vehicle accidents
 Physical assault/abuse
 Drug poisoning
 Location: Family home
 DOW : Sunday and Friday
 Month: July and August
 Times: 6 minute response
 34 minutes duration
 Between 4 p.m. and 6 p.m.
 Age: 30% greater than 70

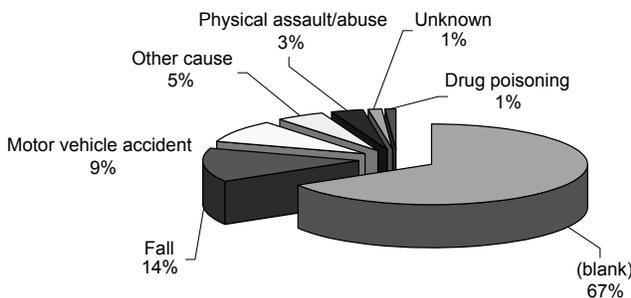
Property Type



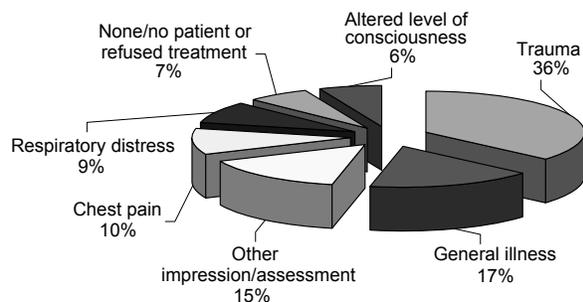
Disposition



Calls by Cause



Provider Assessment



Summary Statistics

Firefighter Injuries and Fatalities

For the 5,000 firefighters involved in over 60,000 incidents during 2004, only 48 injuries were documented. There were no firefighter deaths during that time.

The following statistics reflect injuries while engaged in activities as fire department personnel at the time of the incident. **Statistics do not include federal or state wildland fire casualties.**

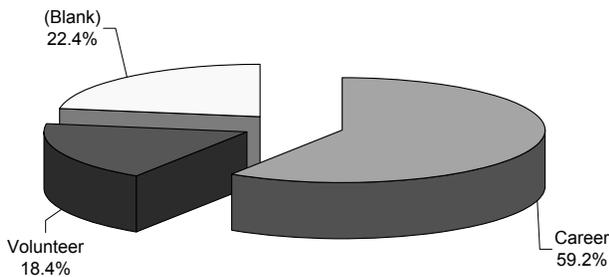
Fires are the single most hazardous activity (65.4%) that a firefighter performs, although it is only (10.5%) of their activity. However, EMS injuries are up to (30.6%). This falls in line since (60%) of their activity is providing EMS.



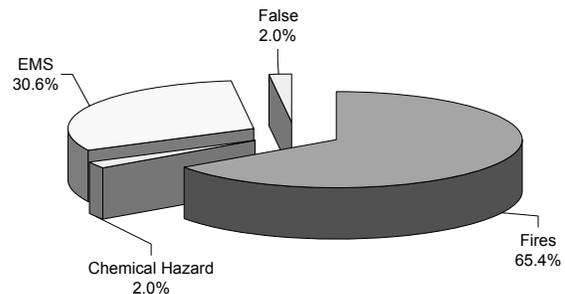
**0 Death
48 Injuries**

Firefighters need to keep in top physical shape for the tasks they perform. The picture demonstrates an exercise performed at a new training facility in Nampa, Idaho. (Photo by Richard Hahn)

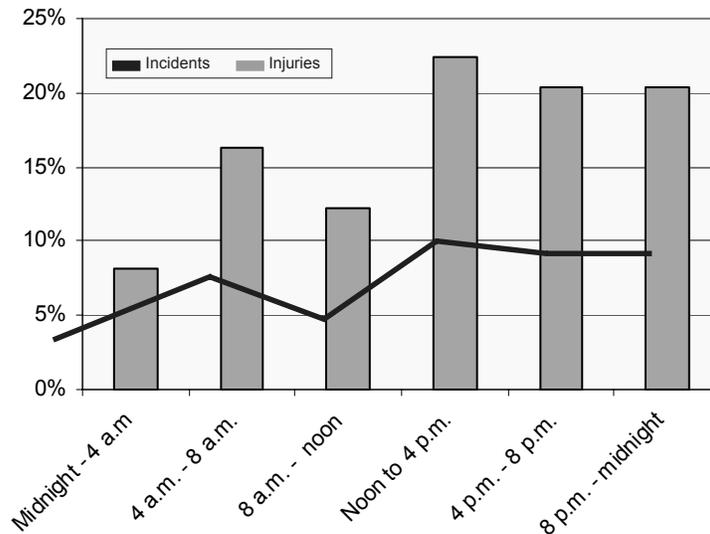
Volunteer vs. Career



Incident Type



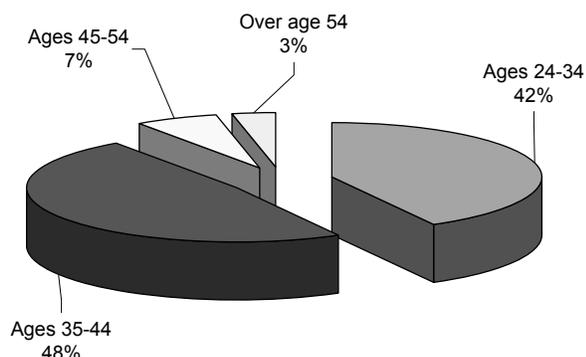
Firefighter Incidents and Injuries by Time of Day



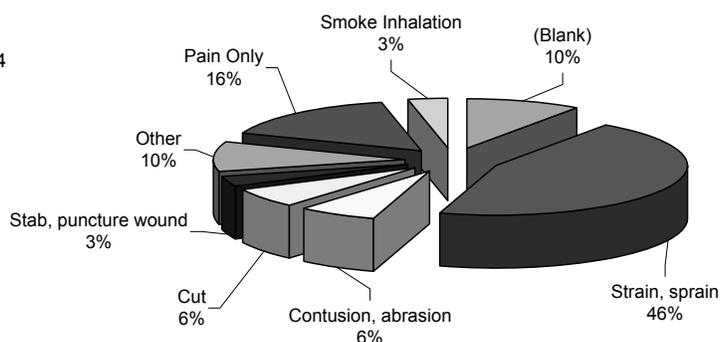
Summary Statistics

Firefighter Injuries

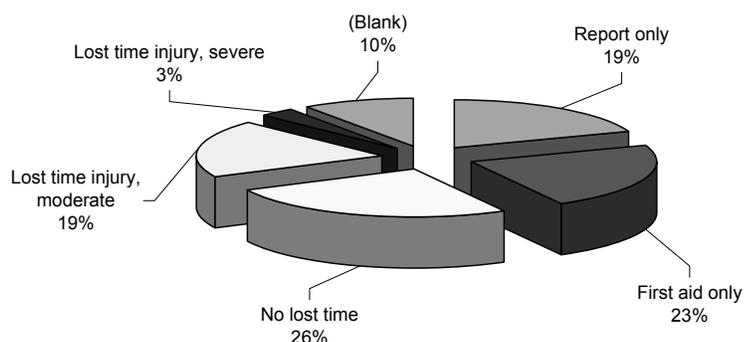
Injuries by Age



Primary Symptoms



Severity of Injuries

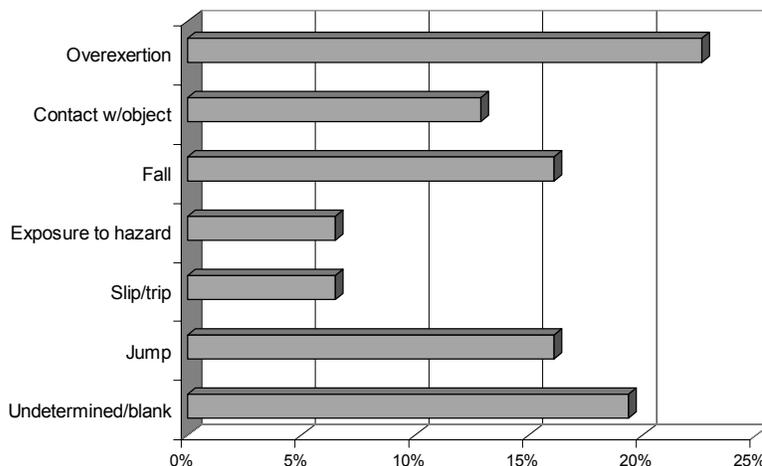


Fire departments are encouraged to document a health exposure to toxic substances or harmful physical agents that the person may encounter during the incident. They can be reported regardless of the presence of clinical signs and symptoms. They are treated as **report only** in the severity category.

Activity at Time of Injury

- Being struck or assaulted
- Handling charged hoses
- Providing EMS care
- Smokey conditions
- Wall collapse

Cause of Injuries



Fires

All Fires by Property Type

(No Mutual Aid Given)



Residential - 1,567

(single-family dwellings, apartments, mobile homes, hotels, motels, etc.)



Public and Mercantile - 284

(stores, restaurants, institutions, churches, public facilities, education, offices, etc.)



Industrial and Other Buildings - 470

(basic industry, manufacturing, residential garage, storage, vacant, under construction, unknown)



Outside and Other - 2,941

(dumpster, trash, wildland, grass, trees, etc.)

Fires by Property Type

	#	%	Resp Time	Duration	Staff	Apparatus	Per	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Outside and Other	2,941	55.9%	0:08:20	45.9%	2:36:57	2.4	5.3	\$2,024,601	7	0	3	0
Residential	1,567	29.8%	0:06:38	54.0%	1:14:52	3.7	7.9	\$20,622,908	51	10	17	0
Industrial and Other Buildings	470	8.9%	0:08:15	38.5%	1:37:09	3.4	7.6	\$5,607,237	5	0	4	0
Public and Mercantile	284	5.4%	0:04:34	76.8%	1:02:47	2.9	6.1	\$3,252,545	1	0	7	0
Total/Average	5,262	100.0%	0:07:37	49.3%	2:02:04	2.9	6.3	\$31,507,291	64	10	31	0



All Fires by Ignition (Top 5)

Cause of Ignition

The "Cause of Ignition" is the result of a heat source igniting a combustible material. It could be the result of a deliberate act, mechanical failure, or an act of nature. "Intentional" is the deliberate misuse of heat source or fires of an incendiary nature. "Unintentional" is accidental or careless or reckless acts.

		Fires	%	Resp Time	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
(blank)	All Other Causes	1,998	42.0%	0:07:47	3:18:40	2.5	5.3	\$295,664	4	0	0	0
	Exposure	4	0.1%	0:05:12	2:47:27	5.5	11.5	\$2,050	0	0	0	0
	Smoking	2	0.0%	0:09:00	0:53:00	2.5	4.0	\$0	0	0	0	0
Unintentional	All Other Causes	1,051	22.1%	0:07:15	1:11:25	3.2	7.7	\$13,035,203	15	3	11	0
	Smoking	99	2.1%	0:07:10	1:02:43	3.8	6.8	\$392,100	11	2	2	0
	Playing with Heat	38	0.8%	0:05:53	0:50:56	3.7	8.2	\$162,150	1	0	0	0
	Cooking	23	0.5%	0:05:24	1:05:22	3.8	10.9	\$407,250	5	0	0	0
	Fireworks	21	0.4%	0:05:28	0:27:46	2.6	9.3	\$4,500	0	0	0	0
Cause undetermined after investigation	All Other Causes	634	13.3%	0:08:09	0:59:06	2.7	5.8	\$4,073,726	7	0	2	0
	Fireworks	4	0.1%	0:03:05	0:08:47	1.5	4.3	\$0	0	0	0	0
	Smoking	2	0.0%	0:04:30	0:59:30	4.0	13.5	\$0	0	0	0	0
	Electrical	1	0.0%	0:03:00	0:52:00	5.0	12.0	\$0	0	0	0	0
Failure of equipment	All Other Causes	471	9.9%	0:06:46	0:58:57	2.8	6.1	\$3,546,230	2	0	3	0
	Electrical	14	0.3%	0:06:40	1:55:09	4.2	12.4	\$189,998	1	0	6	0
	Heating	13	0.3%	0:08:15	1:07:07	3.5	9.3	\$10,600	0	0	0	0
	Appliances	8	0.2%	0:08:18	3:35:14	4.9	14.3	\$480,300	0	0	0	0
	Cooking	6	0.1%	0:03:38	0:38:28	3.5	12.7	\$32,918	0	0	0	0
Intentional		370	7.8%	0:07:47	56:29	2.6	5.3	\$629,766	7	1	0	0

Heat Source

The "Heat Source" is what ignited the "Item First Ignited" to cause the fire.

	Fires	%	Resp Time	%<=6min.	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
(blank)	1,999	49.5%	0:07:47	53.4%	3:18:33	2.5	5.3	\$299,214	4	0	0	0
Undetermined	1,079	26.7%	0:07:45	46.4%	1:24:10	3.2	6.9	\$12,752,027	16	3	11	0
Heat from powered equipment, other	275	6.8%	0:07:15	54.9%	1:04:40	3.0	6.9	\$3,118,986	6	1	2	0
Arcing	233	5.8%	0:06:29	50.2%	1:08:38	2.9	7.3	\$1,364,594	6	2	6	0
Hot ember or ash	230	5.7%	0:07:47	43.9%	1:10:13	3.0	6.6	\$833,260	0	0	1	0

Item First Ignited

The "Item First Ignited" by the "Heat Source."

	Fires	%	Resp Time	%<=6min.	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
(blank)	1,998	48.5%	0:07:48	53.3%	3:18:40	2.5	5.3	\$297,714	4	0	0	0
Undetermined	867	21.0%	0:07:57	47.4%	1:26:37	3.2	6.7	\$10,522,123	16	3	8	0
Light vegetation - not crop, grass	709	17.2%	0:08:17	37.2%	0:53:03	2.8	6.3	\$426,086	1	0	1	0
Item First Ignited, other	187	4.5%	0:07:15	52.4%	1:01:29	3.0	4.5	\$779,157	2	0	1	0
Electrical wire, cable insulation	185	4.5%	0:06:05	58.4%	0:48:48	2.5	6.4	\$693,818	0	0	8	0



Fires

Intentionally Set Fires - 370

Intentionally set fires were 8% of all fires. Over half were natural vegetation fires set in open areas (57%). Structure fires were the next most frequent at 15% of the total. Most devastating was the dollar loss figure of \$532,816 with 5 injuries and 1 fatality in structures. The fatality was a suicide.

Incident Type	#	%	Resp Time	%<=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Natural Veg	210	56.8%	0:08:26	34.3%	0:48:51	2.5	4.7	\$11,900	1	0	0	0
Structure	55	14.9%	0:06:56	52.7%	1:40:20	3.5	8.5	\$532,316	5	1	0	0
Special Outside	38	10.3%	0:05:47	60.5%	0:41:39	2.1	4.5	\$42,000	0	0	0	0
Outside Rubbish	28	7.6%	0:07:07	46.4%	0:42:56	1.7	4.0	\$5,800	0	0	0	0
Vehicle	17	4.6%	0:08:40	29.4%	0:55:40	2.5	6.1	\$26,550	0	0	0	0
Other	9	2.4%	0:06:19	66.7%	0:41:58	3.1	5.8	\$2,800	0	0	0	0
Crop	7	1.9%	0:08:26	14.3%	1:34:34	3.6	8.3	\$5,890	0	0	0	0
Fixed Mobile	6	1.6%	0:06:50	83.3%	0:58:00	2.8	6.3	\$2,510	1	0	0	0

Property Type	#	%	Resp Time	%<=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Outside/Special	247	66.8%	0:07:57	38.5%	0:47:54	2.6	5.0	\$40,491	0	0	0	0
Residential	64	17.3%	0:07:40	43.8%	1:01:46	2.7	6.5	\$357,400	5	1	0	0
Storage	13	3.5%	0:07:49	53.8%	1:32:32	3.2	7.1	\$67,865	1	0	0	0
Industrial	13	3.5%	0:09:56	23.1%	1:44:21	2.2	4.5	\$37,400	0	0	0	0
Business	10	2.7%	0:06:36	80.0%	2:00:28	3.0	5.9	\$100,800	0	0	0	0
Blank	7	1.9%	0:05:10	57.1%	0:45:48	2.7	4.3	\$4,500	0	0	0	0
Education	7	1.9%	0:06:43	42.9%	1:08:51	2.6	6.7	\$3,110	0	0	0	0
Manufacturing	4	1.1%	0:06:30	50.0%	1:02:30	2.5	4.3	\$5,500	1	0	0	0
Assembly	3	0.8%	0:01:57	100.0%	1:10:12	2.0	4.0	\$10,200	0	0	0	0
Health, Correction	2	0.5%	0:06:08	50.0%	0:41:55	3.0	7.5	\$2,500	0	0	0	0

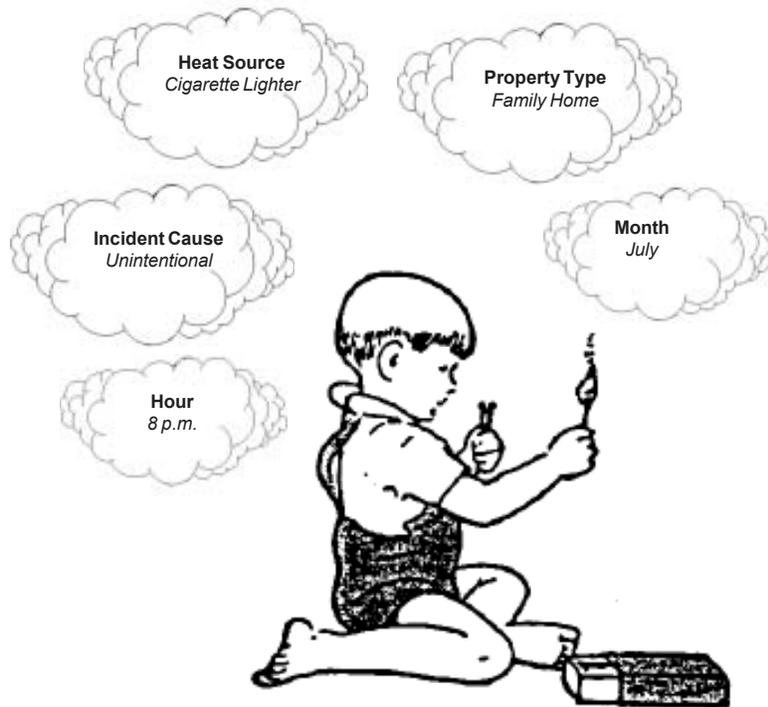
By Order of Frequency:

DOW: Saturday
 Month: April
 Casualty: 1 death, 7 injuries
 Time: Between 4 and 7 p.m.
 Area of Origin: Open Area
 Counties: Bonneville, Payette, Jerome, Ada
 Heat Source: Match
 Item First Ignited: Natural vegetation
 \$ Loss: \$629,766
 Human Factors: Unattended or unsupervised persons
 Ages: Between 11 and 13 years old



Every day one fire is intentionally set.

Juvenile Firesetters



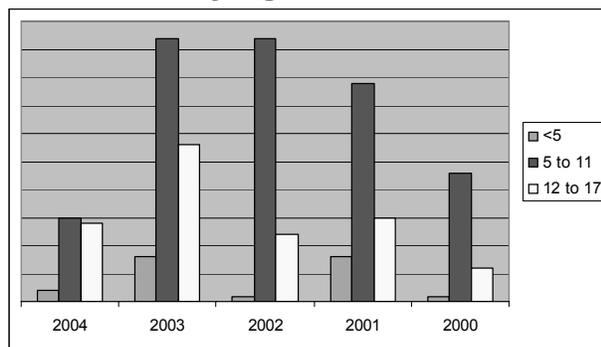
For definition we have used ages 17 and under for juvenile firesetters statistics. The 5-11 year olds were involved most in fires.

Juvenile set fires appear to be declining. Nearby states of Alaska and Oregon see a decline as well. This may be attributed to a federal law that required childproofing lighters and increased public awareness from fire prevention education.

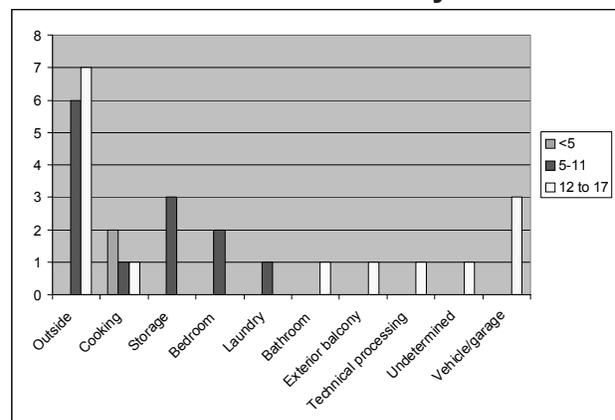
Profile of Juvenile Firesetter

Year	Ave Age	Heat Source	Primary Ign Factor	Property Type	Area Origin	Month	Hour	\$Loss	Injuries	Fatalities
2000	9.4	Cig Lighter	Playing w/heat source	Family Home	Outside	July	4 p.m.	\$511,900	8	0
2001	9.6	Cig Lighter	Playing w/heat source	Family Home	Outside	July	4 p.m.	\$317,451	4	0
2002	10	Match	Playing w/heat source	Family Home	Outside	July	4 p.m.	\$215,515	2	0
2003	10	Fireworks	Playing w/heat source	Family Home	Outside	July	4 p.m.	\$491,650	4	1
2004	11.6	Matches/Lighter	Playing w/heat source	Family Home	Outside	July	8 p.m.	\$33,827	3	0

Juvenile Firesetters by Age and Year



Juvenile Set Fires by Area



Fires

Wildland Fires

The Wildland Fire Module may include any fire involving vegetative fuels such as a prescribed fire that occurs in the wildland or urban-wildland interface areas. Nearly 500 incidents were reported in this category. The number of incidents in the urban/wildland interface increased 33%. This increase is reflective of the growing rural population base in Idaho.



Photo by Kari K. Brown

Incidents do not include any fires on Idaho Department of Lands, Forest Service, and BLM wildlands.

Fire Cause	#	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	# Bldgs	Total Acres
Undetermined	122	25.1%	0:07:21	52.5%	1:03:33	3.3	5.8	\$11,195	1	175
Natural source	93	19.1%	0:33:45	29.0%	58:28:02	0.9	1.5	\$550	0	103
Debris, vegetation burn	76	15.6%	0:07:58	52.6%	0:54:44	3.1	4.9	\$16,680	5	63
Incendiary	41	8.4%	0:04:36	61.0%	1:08:07	3.6	6.0	\$225	0	103
Open/outdoor fire	39	8.0%	0:08:13	43.6%	1:09:19	2.6	5.5	\$20	0	100
Misuse of fire	38	7.8%	0:07:01	52.6%	0:56:38	3.2	5.8	\$350	0	32
Equipment	37	7.6%	0:07:28	40.5%	1:02:54	3.9	5.8	\$150	0	454
Other cause	22	4.5%	0:06:24	63.6%	0:24:26	3.0	4.8	\$625	0	37
Smoking	17	3.5%	0:07:27	64.7%	0:32:22	2.8	5.1	\$270	0	11
Structure (exposure)	2	0.4%	0:10:30	0.0%	3:43:00	4.5	20.0	\$0	0	25
Total/Average	487	100.0%	0:11:28	47.8%	11:47:51	2.8	4.8	\$30,065	6	1,102

Activity	#	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	# Bldgs	Total Acres
Human activity, other	5	38.5%	0:04:32	80.0%	1:10:59	3.0	5.4	\$105	0	12
Management activities	3	23.1%	0:12:00	0.0%	1:47:40	2.7	3.7	\$2,050	0	4
Social gathering	1	7.7%	0:03:00	100.0%	0:19:00	3.0	7.0	\$0	0	0
Fishing	1	7.7%	0:07:00	0.0%	4:28:00	6.0	11.0	\$0	0	2
Camping	1	7.7%	0:11:00	0.0%	0:39:00	4.0	8.0	\$0	0	1
Fireworks use	1	7.7%	0:06:00	0.0%	0:31:00	2.0	5.0	\$0	0	0
Picnicking	1	7.7%	0:32:00	0.0%	2:29:00	4.0	10.0	\$0	0	1
Total/Average	13	100.0%	0:09:03	38.5%	1:31:04	3.2	6.1	\$2,155	0	19

Top 5 Heat Source	#	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Total Bldgs	Total Acres
Match	5	41.7%	0:06:56	40.0%	2:02:23	3.4	6.2	\$130	0	4
Hot ember or ash	2	16.7%	0:04:00	100.0%	0:18:30	3.0	7.0	\$25	0	0
Heat source, other	1	8.3%	0:11:00	0.0%	2:03:00	1.0	7.0	\$0	0	1
Explosive, fireworks, other	1	8.3%	0:06:00	0.0%	0:31:00	2.0	5.0	\$0	0	0
Cigarette lighter	1	8.3%	0:04:00	100.0%	0:46:00	2.0	4.0	\$0	0	1

Area Type	#	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	# Bldgs	Total Acres
Rural, farms over 50 acres	171	36.6%	0:21:57	25.1%	32:01:31	1.9	3.5	\$2,790	0	698
Rural/urban	135	28.9%	0:06:20	56.3%	0:51:33	2.9	4.6	\$15,655	5	72
Urban/wildland interface	79	16.9%	0:07:36	44.3%	1:33:42	3.8	6.2	\$500	1	248
Urban, heavily populated	82	17.6%	0:04:17	89.0%	0:28:34	3.3	6.4	\$5,395	0	29
Total/Average	467	100.0%	0:11:31	48.6%	12:15:40	2.8	4.8	\$24,340	6	1,047



Photo by Richard Hahn

Mobile Property Fires

Vehicle Fires - 916

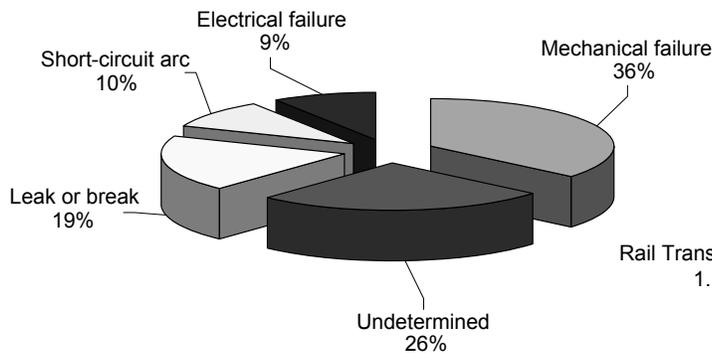
Estimates Losses - \$2,632,985

Injuries - 4

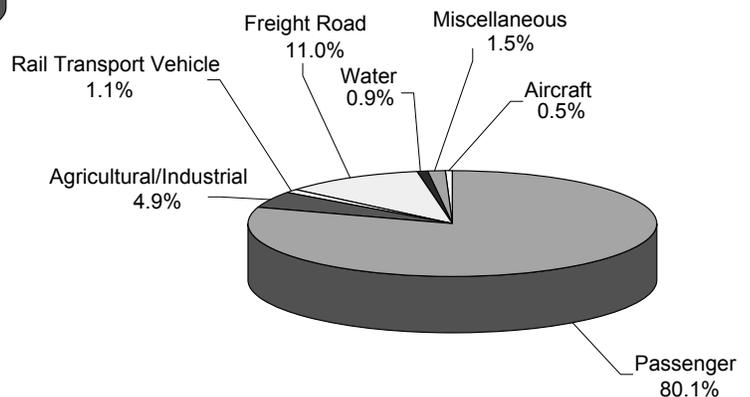
Fatalities - 0

National research and statistics indicate a very substantial number of vehicle fires were due to persons making faulty or amateur repairs. Many were improperly reconnecting lines carrying ignitable fluids. Others were due to leaving wire bundles or combustible hoses close to heat producing parts. Since a large number of fires are undetermined, many of these could be intentionally set.

Primary Ignition Factor



Mobile Property Type



Top Five

Area Origin	Fires	%	Resp Time	%<=6 min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Engine area	613	66.9%	0:06:26	58.6%	0:41:07	2.1	5.0	\$1,490,305	2	0	1	0
Operator/passenger area	62	6.8%	0:05:50	58.1%	0:54:32	2.3	5.9	\$201,350	0	0	0	0
Undetermined	54	5.9%	0:10:15	37.0%	1:08:05	2.9	6.2	\$314,800	0	0	0	0
Vehicle area, other	39	4.3%	0:07:05	56.4%	0:57:08	2.6	4.8	\$281,050	0	0	0	0
Fuel tank, fuel line	33	3.6%	0:06:22	51.5%	0:54:58	3.0	9.9	\$34,645	0	0	1	0

Ignition Causes	Fires	%	Resp Time	%<=6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Unintentional	319	35.6%	0:06:30	54.5%	0:47:54	2.2	5.9	\$519,920	1	0	2	0
Failure of equip/heat source	285	31.8%	0:06:24	60.4%	0:40:02	2.2	4.8	\$928,190	0	0	0	0
Cause undetermined	196	21.9%	0:07:15	54.6%	0:41:01	2.1	4.8	\$514,575	0	0	0	0
Cause under investigation	52	5.8%	0:07:14	51.9%	1:28:38	3.6	6.6	\$355,250	1	0	0	0
Cause, other	43	4.8%	0:06:29	51.2%	1:35:09	4.0	7.2	\$288,000	0	0	0	0

Fires

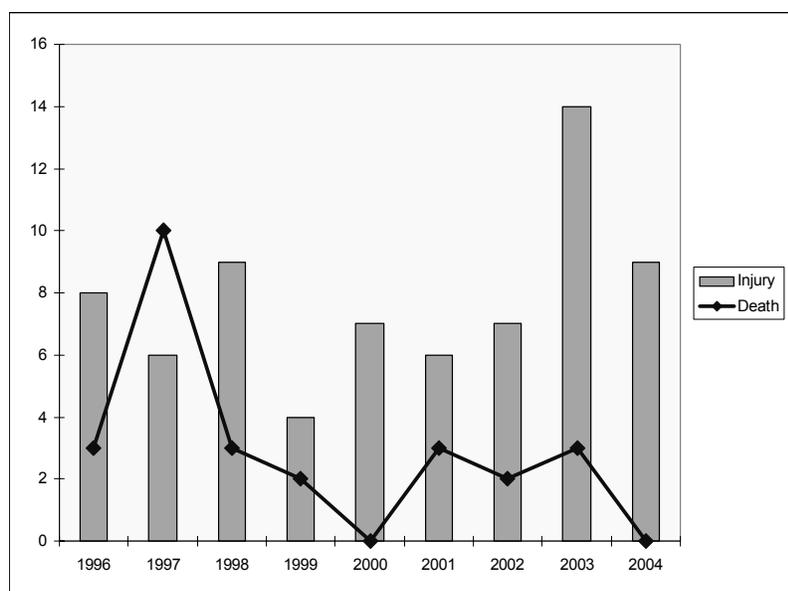
Civilian Injuries and Fatalities

The main known causes for deaths and injuries were cigarettes, electricity, and equipment (heating). The family home has more fire injuries and deaths than any other property type. All fatalities occurred at home, and most deaths and injuries occurred in a bedroom. Activity when an injury happened was (1) unknown, (2) fire control, (3) rescue attempt, and (4) escaping. The primary symptom was smoke inhalation.



9 Deaths
64 Injuries

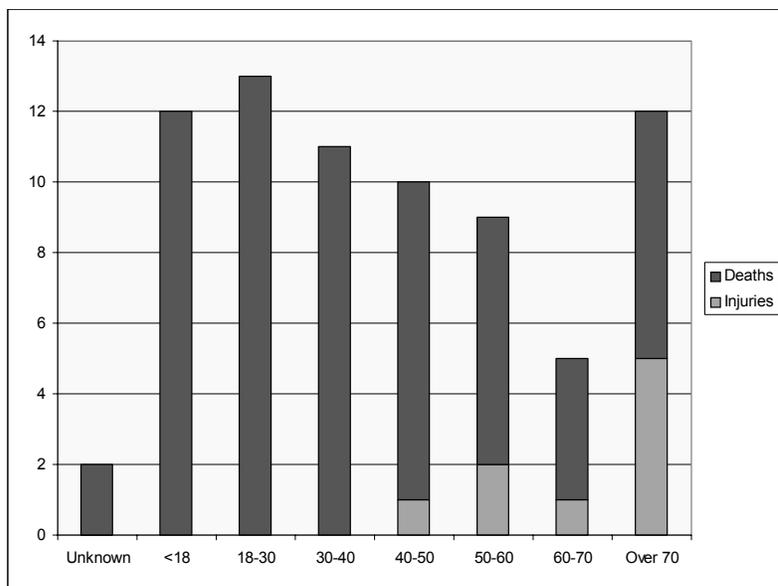
Children Fire Casualties



During 1997, there were 2 devastating fires that claimed 8 children. The graph shows that children in Idaho are still at risk as there are more injuries but fewer deaths. A contributing factor may be that smoke detectors do alert occupants to evacuate.

Deaths and Injuries by Age

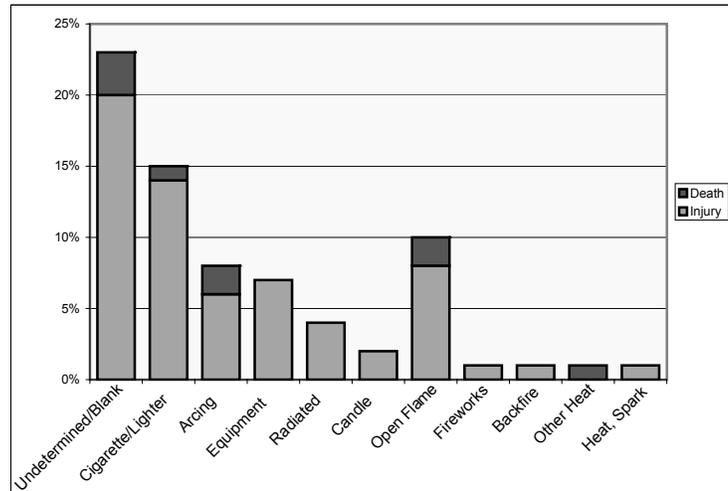
Elderly are most at risk of dying in fires.



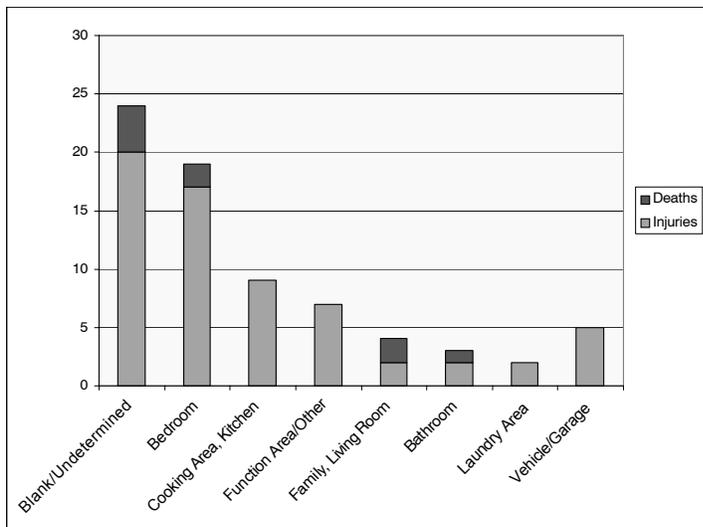
Civilian Injuries and Fatalities



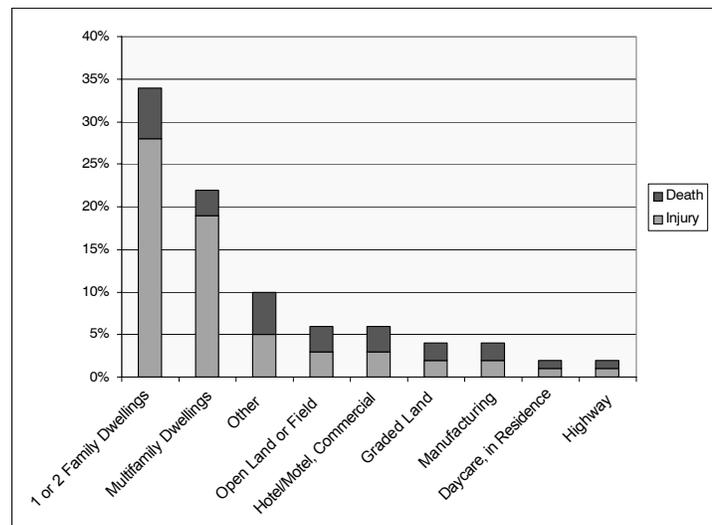
Injury/Death by Heat Source



Injury/Death by Area



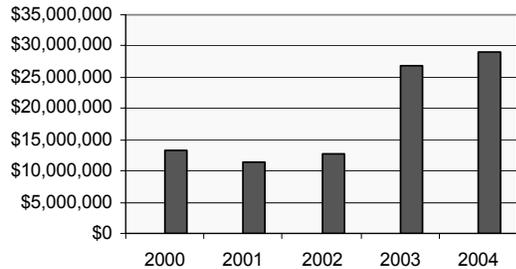
Injury/Death by Property Type



Structures/Residential

Structure Loss (By Property Type)

Residential Structure Loss by Year



Large Loss Fires over \$500,000

- \$4,000,000 – McCall (multi-family under construction)
- \$1,600,000 – Sun Valley (multi-family, 8-plex)
- \$700,000 – Idaho Falls, (mercantile, business)
- \$586,000 – Buhl (residential)
- \$525,000 – Buhl (residential)
- \$500,000 – Burley (grain elevator)
- \$500,000 – Caldwell (manufacturing, processing)
- \$550,000 – Bonners Ferry (manufacturing, processing)

Property Type	#	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal	Total Residential	Total Bldgs
Residential	1,126	72.6%	0:06:38	55.4%	1:27:55	4.2	8.9	\$20,408,678	50	10	16	0	2,838	595
Storage	140	9.0%	0:08:20	41.4%	1:45:53	4.3	10.1	\$2,243,865	3	0	3	0	12	126
Outside/Special	77	5.0%	0:06:09	53.2%	0:42:49	2.7	5.6	\$185,248	0	0	1	0	3	24
Business	58	3.7%	0:05:18	70.7%	2:27:47	4.3	8.3	\$2,639,063	0	0	6	0	4	36
Manufacturing	44	2.8%	0:06:12	54.5%	2:21:45	4.5	9.6	\$2,236,070	2	0	0	0	0	26
Assembly	38	2.5%	0:03:42	86.8%	1:00:11	4.1	8.2	\$429,995	0	0	0	0	0	19
Education	22	1.4%	0:04:18	72.7%	0:50:14	3.6	6.5	\$78,610	1	0	1	0	3	7
Health Care/Detention	16	1.0%	0:04:39	81.3%	1:34:03	4.4	10.9	\$391,462	0	0	0	0	205	8
Blank	15	1.0%	0:06:17	46.7%	0:53:49	2.3	3.9	\$12,325	0	0	0	0	4	4
Industrial	14	0.9%	0:08:27	35.7%	2:23:49	3.0	7.6	\$418,000	0	0	1	0	0	6

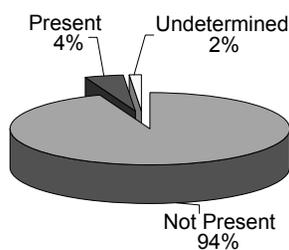
Automatic Extinguishing Systems (AES)

Only 4% of the buildings that had fires had an AES installed. Most were manufacturing properties. There were 42% that operated and 42% that were not in the area of the fire. The only one that did not activate was when there was manual intervention that defeated the system.

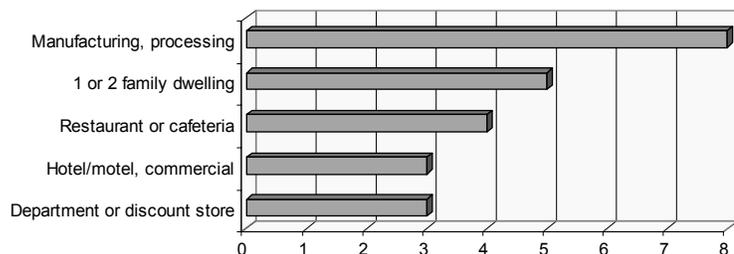
Did you know...

there were no AES in any of the large dollar loss fires?

AES Present



AES by Property Type



Fire Causes by Property Type (Top 5)

Public Assembly Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	7	30.4%	0:03:14	100.0%	1:50:40	4.9	8.7	\$316,895	0	0	0	0
Powered equipment, other	4	17.4%	0:03:33	100.0%	0:52:47	5.0	12.0	\$7,500	0	0	0	0
Operating equipment	3	13.0%	0:05:19	66.7%	1:55:06	7.0	19.3	\$91,500	0	0	0	0
Arcing	2	8.7%	0:04:55	50.0%	1:04:10	6.0	3.5	\$1,000	0	0	0	0
Fireworks	1	4.3%	0:01:50	100.0%	1:11:09	1.0	3.0	\$0	0	0	0	0

Educational Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	5	35.7%	0:04:36	80.0%	1:08:12	3.8	7.0	\$2,160	0	0	0	0
Spark operating equipment	2	14.3%	0:02:00	100.0%	0:28:00	4.5	18.0	\$400	0	0	0	0
Hot or smoldering object, other	2	14.3%	0:07:30	50.0%	1:19:00	3.0	0.0	\$70,000	0	0	1	0
Candle	1	7.1%	0:07:00	0.0%	0:18:00	1.0	3.0	\$1,000	1	0	0	0
Hot ember or ash	1	7.1%	0:04:00	100.0%	0:38:00	1.0	0.0	\$5,000	0	0	0	0

Business/Mercantile Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	10	27.0%	0:05:06	60.0%	3:26:47	5.2	9.9	\$1,430,500	0	0	0	0
Powered equipment, other	8	21.6%	0:05:16	62.5%	4:17:01	5.4	11.4	\$527,650	0	0	0	0
Arcing	7	18.9%	0:03:28	100.0%	1:52:04	4.3	8.6	\$188,913	0	0	6	0
Hot or smoldering object, other	4	10.8%	0:09:06	75.0%	3:06:02	5.5	10.5	\$107,300	0	0	0	0
Operating equipment	4	10.8%	0:05:55	25.0%	1:26:06	4.3	8.5	\$27,500	0	0	0	0

Industrial/Manufacturing Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	7	24.1%	0:06:39	71.4%	4:45:08	5.0	12.4	\$711,000	0	0	0	0
Spark, operating equipment	5	17.2%	0:09:24	40.0%	2:21:24	5.2	12.2	\$589,800	0	0	0	0
Powered equipment, other	5	17.2%	0:06:36	80.0%	2:35:12	4.2	13.0	\$301,000	0	0	1	0
Arcing	4	13.8%	0:09:00	0.0%	0:38:15	1.5	4.8	\$700	0	0	0	0
Operating equipment	4	13.8%	0:12:00	0.0%	2:17:15	5.0	2.3	\$38,050	1	0	0	0

Storage Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	33	32.4%	0:08:57	45.5%	2:04:50	4.7	10.4	\$991,165	2	0	3	0
Hot ember or ash	26	25.5%	0:07:31	38.5%	1:26:24	3.6	9.5	\$253,200	0	0	0	0
Hot or smoldering object, other	10	9.8%	0:06:59	60.0%	1:34:14	4.3	9.9	\$102,550	0	0	0	0
Open flame, smoking	9	8.8%	0:09:57	33.3%	1:25:28	4.9	9.8	\$33,900	0	0	0	0
Arcing	6	5.9%	0:09:08	33.3%	2:44:22	5.5	11.3	\$90,000	1	0	0	0

Outside/Other Property

	Fires	%	Resp Time	%≤6min	Duration	Apparatus	Staff	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	21	51.2%	0:07:19	38.1%	0:53:38	2.7	5.4	\$78,071	0	0	1	0
Hot ember or ash	6	14.6%	0:06:50	50.0%	0:52:58	2.7	6.8	\$17,500	0	0	0	0
Match	4	9.8%	0:04:15	100.0%	1:03:30	3.5	2.5	\$77,100	0	0	0	0
Hot or smoldering object, other	4	9.8%	0:07:39	25.0%	0:46:37	2.8	7.5	\$0	0	0	0	0
Chemical reaction	2	4.9%	0:06:20	50.0%	0:42:51	1.0	1.5	\$700	0	0	0	0

Residential

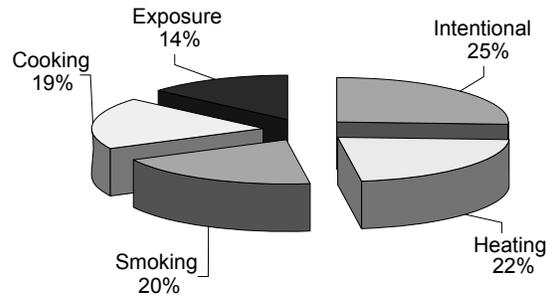
Most Deadly!

Residential Structure Fires - 1,126
 Estimated Losses - \$20,408,678
 Injuries - 50 Civilians, 16 Fire Service
 Deaths - 9 Civilians



Photo by Filer Fire Department

Top 5 Residential Fire Causes



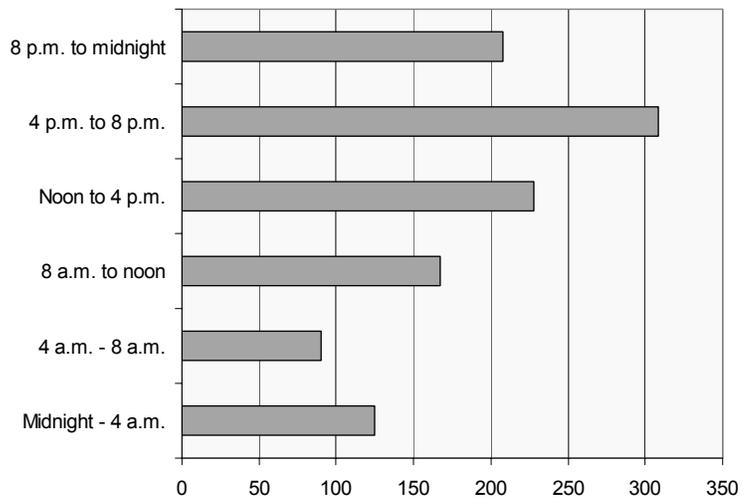
It Pays to Keep the Lid on!



Forty-one percent of the residential fires never escaped the non-combustible container.

These include cooking, chimney, trash, and heating fires. There were no fatalities and only one injury with a total dollar loss of \$19,050. There were 592 residential units involved in these types of incidents. In only a quarter of the incidents were the occupants alerted by the detector.

Residential Fires by Time of Day



Are Mobile/Manufactured Homes Safer Today?

Year	#	%	\$Loss	Average	Civ Fatal	Civ Inj	FS Inj
1996	92	16.0%	\$716,020	\$7,783	3	1	1
1997	101	17.6%	\$16,624	\$165	6	7	4
1998	115	17.4%	\$23,831	\$207	1	12	0
1999	45	8.2%	\$331,101	\$7,358	4	6	1
2000	68	12.4%	\$670,681	\$9,863	2	7	0
2001	83	16.0%	\$574,045	\$6,916	1	2	0
2002	58	12.4%	\$496,651	\$8,563	1	5	0
2003	93	12.4%	\$815,360	\$8,767	1	9	1
2004	50	6.8%	\$532,400	\$1,043	0	4	0

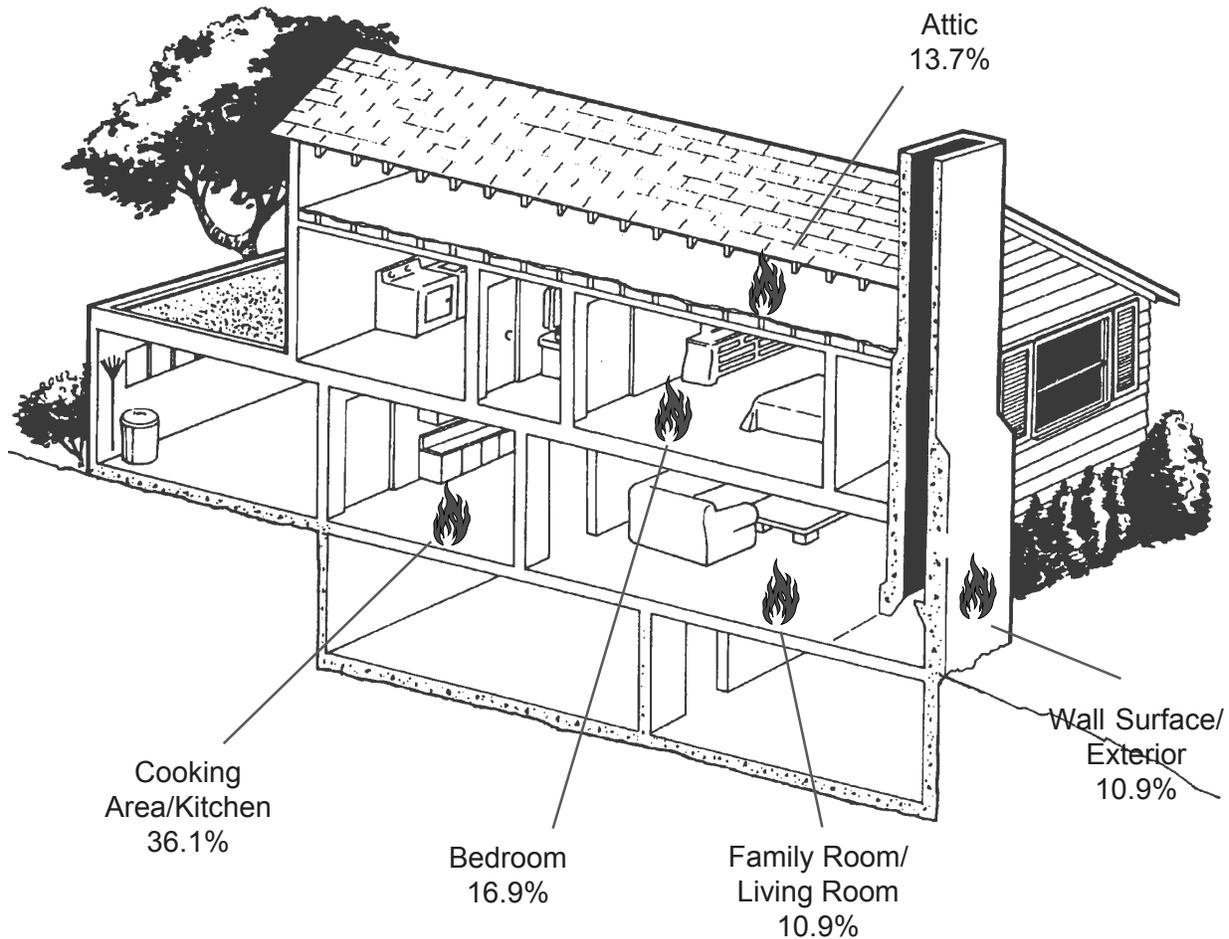
Since 2003 the ratio of injuries to the number of mobile home fires has decreased from 10.7 per 10,000 population to 8 per 10,000. In mobile home fires only 8% of the occupants were alerted by a detector. It appears additional or continued fire prevention education is in order. But, mobile/manufactured homes are safer today than they were 9 years ago.



Most Frequent Areas of Origin for Residential Structure Fires

Top Five Causes by Area

Cooking Area Stoves, appliances, undetermined
 Bedroom Undetermined, candle, cigarette lighter and powered equipment
 Attic Electrical, hot ember/ash, smoldering and radiated heat from equipment
 Family Room/Living Room Undetermined, equipment, electrical and cigarette
 Wall Surface/Exterior Exterior, electrical, hot ember ash, exposure, equipment, smoking



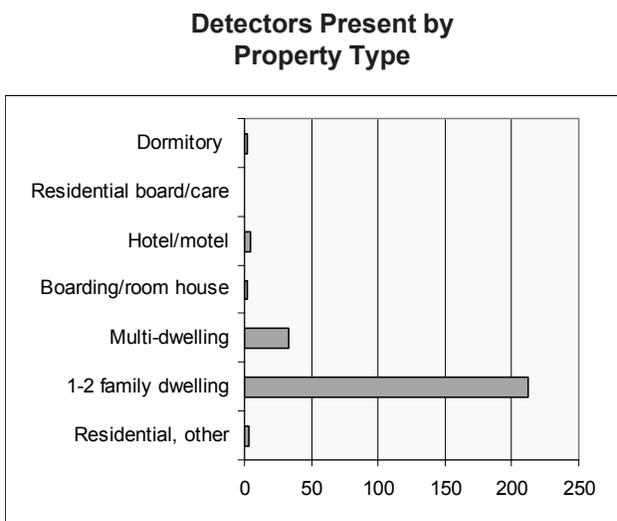
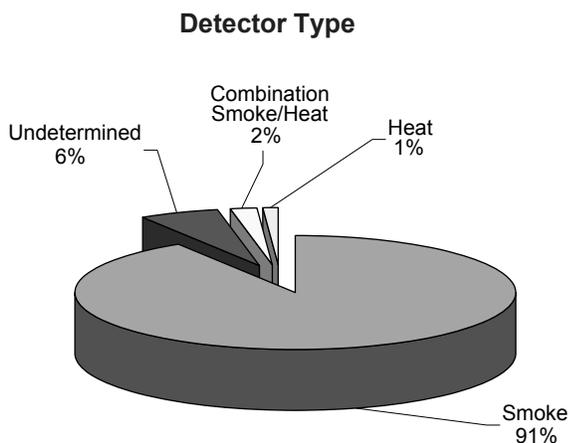
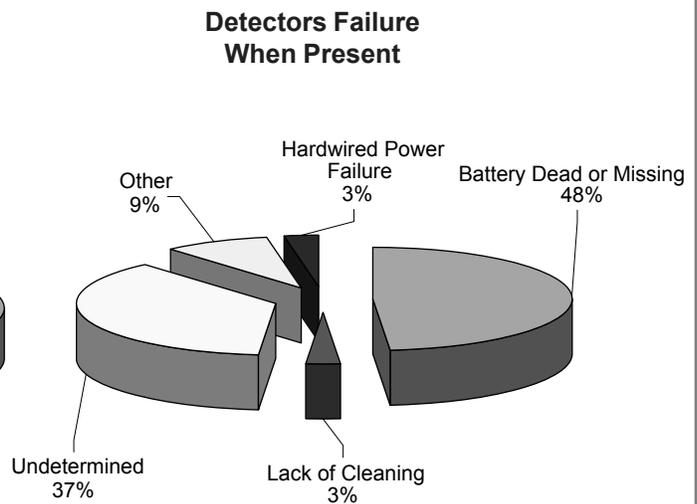
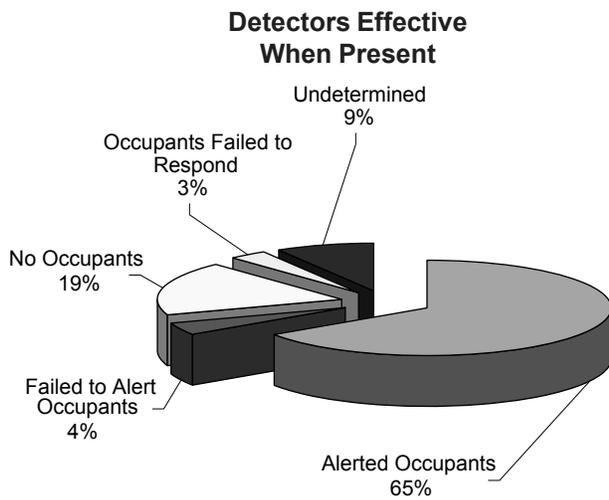
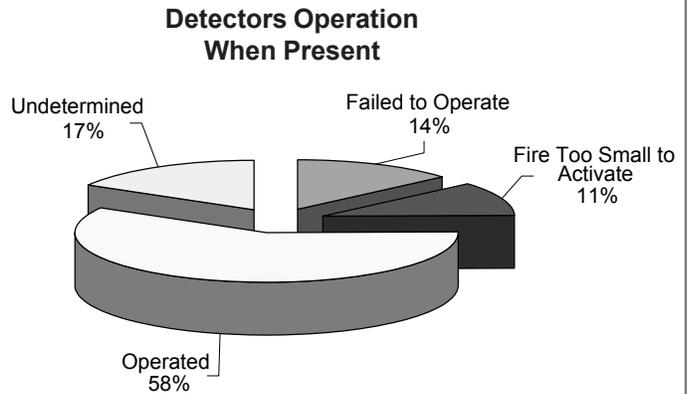
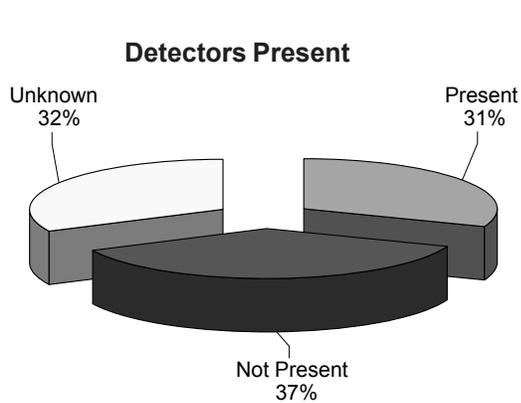
The area of origin was undetermined in 11.5% of the fires. This is up from last year as "undetermined" was not in the top five by area.

Top 6 by Area

Area of Origin	#	%	Resp Time	% ≤ 6min	Duration	Staff	Apparatus	\$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Cooking area, kitchen	113	36.1%	0:05:50	57.5%	1:19:38	4.4	10.7	\$2,057,528	9	0	2	0
Bedroom	53	16.9%	0:05:24	66.0%	1:57:34	5.4	10.6	\$710,401	15	2	3	0
Attic	43	13.7%	0:07:06	48.8%	1:49:40	4.4	11.4	\$722,236	0	0	0	0
Undetermined	36	11.5%	0:10:51	44.4%	4:01:47	5.9	11.3	\$2,467,953	3	1	0	0
Wall surface: exterior	34	10.9%	0:05:49	55.9%	1:31:12	4.5	9.9	\$673,650	1	0	0	0
Family room, living room	34	10.9%	0:07:42	38.2%	2:09:45	4.4	10.9	\$576,400	2	2	3	0

Residential

Detectors and sprinklers do work! Of the 151 known residential fires with smoke detectors present, the detectors alerted residents in 65% of the incidents. There was 1 death and 20 injuries. The injuries increased when residents were alert and fighting the fire or escaping but there were fewer deaths.



Structure Fires by County and Property Types

County	Property Groups	#	%	\$Loss	Civ Cas	Civ Fatal	FS Cas	Total Resid	Total Bldgs
Ada	Outside/Other	14	0.9%	\$2,500	0	0	0	0	7
	Assembly	21	1.4%	\$232,076	0	0	0	30	8
	Health care, detention	1	0.1%	\$2,731	0	0	0	0	1
	Residential	187	12.1%	\$2,291,264	12	1	5	459	105
	Business Mercantile	8	0.5%	\$369,613	0	0	6	0	6
	Industrial/Manufacturing	10	0.6%	\$0	0	0	0	0	4
	Storage	10	0.6%	\$77,300	0	0	0	1	9
Adams	Residential	3	0.2%	\$0	0	0	0	3	3
	Storage	2	0.1%	\$0	0	0	0	0	2
Bannock	Outside/Other	11	0.7%	\$2,900	0	0	0	2	2
	Assembly	2	0.1%	\$0	0	0	0	0	0
	Residential	69	4.5%	\$376,305	4	0	0	411	27
	Business Mercantile	4	0.3%	\$460,000	0	0	0	0	3
	Industrial/Manufacturing	2	0.1%	\$140,000	0	0	0	0	2
	Storage	1	0.1%	\$0	0	0	0	0	0
Bear Lake	Residential	5	0.3%	\$28,000	0	0	0	2	1
	Storage	1	0.1%	\$40,000	0	0	0	0	0
Benewah	Outside/Other	2	0.1%	\$9,000	0	0	0	0	1
	Residential	29	1.9%	\$331,400	0	0	0	12	12
	Industrial/Manufacturing	1	0.1%	\$25,000	0	0	0	0	0
Bingham	Outside/Other	1	0.1%	\$0	0	0	0	0	1
	Assembly	1	0.1%	\$3,000	0	0	0	0	1
	Residential	31	2.0%	\$358,135	0	1	0	36	27
	Business Mercantile	1	0.1%	\$14,500	0	0	0	1	1
	Storage	2	0.1%	\$600	0	0	0	0	2
Blaine	Assembly	3	0.2%	\$0	0	0	0	0	0
	Residential	25	1.6%	\$1,610,400	0	0	0	11	0
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
Boise	Assembly	1	0.1%	\$120,000	0	0	0	0	1
	Residential	4	0.3%	\$85,500	0	0	0	3	2
	Business Mercantile	1	0.1%	\$250,000	0	0	0	0	1
	Industrial/Manufacturing	1	0.1%	\$0	0	0	0	0	1
Bonner	Outside/Other	6	0.4%	\$2,500	0	0	0	4	2
	Assembly	2	0.1%	\$100	0	0	0	0	2
	Residential	42	2.7%	\$482,801	3	0	0	49	20
	Business Mercantile	4	0.3%	\$45,000	0	0	0	0	3
	Industrial/Manufacturing	2	0.1%	\$300,000	0	0	1	0	2
	Storage	6	0.4%	\$277,500	0	0	0	0	8
Bonneville	Outside/Other	2	0.1%	\$0	0	0	0	0	0
	Assembly	1	0.1%	\$5,000	0	0	0	1	1
	Residential	44	2.8%	\$475,400	1	0	0	95	30
	Business Mercantile	9	0.6%	\$743,650	0	0	0	1	6
	Industrial/Manufacturing	3	0.2%	\$150,000	0	0	0	0	2
	Storage	7	0.5%	\$144,950	0	0	0	4	7
Boundary	Outside/Other	1	0.1%	\$18,000	0	0	0	0	0
	Assembly	1	0.1%	\$0	0	0	0	0	0
	Residential	11	0.7%	\$133,900	0	0	0	6	6
	Industrial/Manufacturing	1	0.1%	\$550,000	0	0	0	0	2
	Storage	6	0.4%	\$32,800	0	0	0	0	5
Butte	Residential	3	0.2%	\$30,000	0	0	1	3	3
	Storage	1	0.1%	\$10,000	0	0	0	0	1



Structures

County	Property Groups	#	%	\$Loss	Civ Cas	Civ Fatal	FS Cas	Total Resid	Total Bldgs
Canyon	Outside/Other	5	0.3%	\$4,100	0	0	0	0	3
	Assembly	11	0.7%	\$113,060	1	0	0	136	6
	Health care, detention	1	0.1%	\$2,500	0	0	0	40	1
	Residential	116	7.5%	\$1,995,250	16	0	3	194	90
	Business Mercantile	5	0.3%	\$479,000	0	0	0	0	5
	Industrial/Manufacturing	6	0.4%	\$836,000	1	0	0	0	5
	Storage	15	1.0%	\$80,765	3	0	1	1	15
Caribou	Residential	1	0.1%	\$0	0	2	0	1	0
Cassia	Assembly	4	0.3%	\$1,800	0	0	0	0	1
	Residential	17	1.1%	\$473,600	0	1	0	16	14
	Industrial/Manufacturing	1	0.1%	\$1,000	0	0	0	0	1
	Storage	20	1.3%	\$597,900	0	0	2	0	14
Clearwater	Residential	19	1.2%	\$79,000	2	0	0	8	7
	Storage	1	0.1%	\$32,000	0	0	0	0	3
Custer	Residential	3	0.2%	\$0	0	0	0	2	2
Elmore	Residential	20	1.3%	\$406,550	0	1	0	14	11
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
	Storage	3	0.2%	\$34,500	0	0	0	0	3
Franklin	Outside/Other	1	0.1%	\$500	0	0	0	0	0
	Residential	12	0.8%	\$489,000	1	0	0	11	8
	Storage	2	0.1%	\$66,000	0	0	0	0	2
Fremont	Residential	2	0.1%	\$0	0	0	0	0	0
Gem	Outside/Other	1	0.1%	\$0	0	0	0	0	0
	Residential	5	0.3%	\$1,000	0	0	0	3	2
	Storage	1	0.1%	\$0	0	0	0	1	1
Gooding	Residential	17	1.1%	\$223,200	0	0	0	48	14
	Industrial/Manufacturing	5	0.3%	\$1,000	0	0	0	0	0
	Storage	3	0.2%	\$4,500	0	0	0	0	4
Idaho	Residential	13	0.8%	\$96,500	1	0	0	13	9
	Business Mercantile	1	0.1%	\$98,000	0	0	0	1	2
	Industrial/Manufacturing	1	0.1%	\$500	0	0	0	0	0
	Storage	1	0.1%	\$40,000	0	0	0	0	1
Jefferson	Outside/Other	1	0.1%	\$800	0	0	0	0	0
	Residential	6	0.4%	\$144,450	0	0	0	2	2
	Industrial/Manufacturing	2	0.1%	\$3,050	0	0	0	0	2
	Storage	3	0.2%	\$150,500	0	0	0	0	2
Jerome	Outside/Other	4	0.3%	\$0	0	0	0	0	3
	Assembly	1	0.1%	\$0	0	0	0	0	0
	Residential	21	1.4%	\$355,200	0	0	0	38	15
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
	Industrial/Manufacturing	1	0.1%	\$720	0	0	0	0	0
	Storage	4	0.3%	\$20,100	0	0	0	0	3
Kootenai	Outside/Other	7	0.5%	\$46,051	0	0	0	0	4
	Assembly	5	0.3%	\$1,050	0	0	0	0	3
	Residential	120	7.7%	\$1,420,938	3	1	1	635	61
	Business Mercantile	6	0.4%	\$300	0	0	0	0	5
	Industrial/Manufacturing	7	0.5%	\$340,500	1	0	0	0	6
	Storage	12	0.8%	\$51,800	0	0	0	1	11
Latah	Outside/Other	4	0.3%	\$100	0	0	0	0	0
	Assembly	4	0.3%	\$3,200	0	0	0	0	2
	Residential	33	2.1%	\$320,250	0	0	0	509	10
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
	Storage	4	0.3%	\$6,700	0	0	0	0	3
Lemhi	Residential	25	1.6%	\$100,750	0	1	0	8	4
	Business Mercantile	2	0.1%	\$900	0	0	0	0	1
	Storage	2	0.1%	\$20,500	0	0	0	2	3
Lewis	Residential	5	0.3%	\$71,000	0	0	0	5	2

Structures

County	Property Groups	#	%	\$Loss	Civ Cas	Civ Fatal	FS Cas	Total Resid	Total Bldgs
Lincoln	Residential	9	0.6%	\$15,350	0	0	0	11	6
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
Madison	Outside/Other	1	0.1%	\$0	0	0	0	0	0
	Assembly	3	0.2%	\$250,000	0	0	0	0	2
	Residential	10	0.6%	\$29,500	0	0	0	9	7
	Industrial/Manufacturing	2	0.1%	\$0	0	0	0	0	0
	Storage	1	0.1%	\$0	0	0	0	0	1
Minidoka	Outside/Other	5	0.3%	\$60,000	0	0	0	0	0
	Assembly	1	0.1%	\$0	0	0	0	0	0
	Residential	26	1.7%	\$146,600	0	0	0	23	13
	Industrial/Manufacturing	1	0.1%	\$100,000	0	0	0	0	1
	Storage	3	0.2%	\$2,500	0	0	0	1	2
Nez Perce	Assembly	2	0.1%	\$10,000	0	0	0	0	0
	Residential	32	2.1%	\$638,555	3	1	2	33	8
	Business Mercantile	2	0.1%	\$1,000	0	0	0	0	0
	Industrial/Manufacturing	5	0.3%	\$13,800	0	0	0	0	1
	Storage	1	0.1%	\$10,000	0	0	0	0	0
Owyhee	Outside/Other	1	0.1%	\$0	0	0	0	0	1
	Residential	3	0.2%	\$0	0	1	0	1	0
	Industrial/Manufacturing	1	0.1%	\$0	0	0	0	0	1
Payette	Outside/Other	4	0.3%	\$23,200	0	0	0	0	1
	Residential	16	1.0%	\$194,100	2	0	0	24	7
	Storage	6	0.4%	\$460,100	0	0	0	0	4
Shoshone	Outside/Other	1	0.1%	\$0	0	0	0	0	0
	Assembly	1	0.1%	\$0	0	0	0	0	0
	Residential	31	2.0%	\$145,600	0	0	1	18	16
	Storage	3	0.2%	\$3,000	0	0	0	0	3
Teton	Residential	3	0.2%	\$0	0	0	0	1	0
	Business Mercantile	1	0.1%	\$0	0	0	0	0	0
Twin Falls	Outside/Other	19	1.2%	\$27,922	0	0	0	0	2
	Assembly	7	0.5%	\$85,550	0	0	0	0	3
	Residential	73	4.7%	\$1,946,680	2	0	1	66	31
	Business Mercantile	8	0.5%	\$175,100	0	0	0	0	2
	Industrial/Manufacturing	6	0.4%	\$192,500	0	0	0	0	2
	Storage	16	1.0%	\$79,850	0	0	0	1	14
Valley	Outside/Other	1	0.1%	\$0	0	0	1	1	1
	Assembly	3	0.2%	\$70,000	0	0	1	1	2
	Residential	22	1.4%	\$4,882,500	0	0	2	45	13
	Business Mercantile	1	0.1%	\$2,000	0	0	0	1	1
	Storage	1	0.1%	\$0	0	0	0	0	1
Washington	Residential	13	0.8%	\$30,000	0	0	0	10	7
	Storage	2	0.1%	\$0	0	0	0	0	2
Total		1,550	100.0%	\$29,043,316	56	10	28	3,069	851

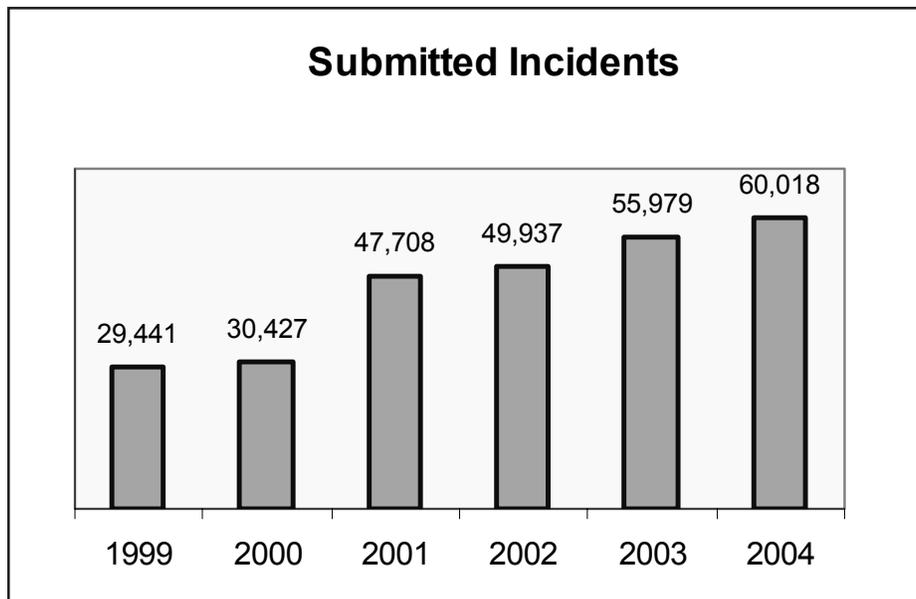


Participants

The number of participants in IFIRS has increased 7 percent from 2003 for a total of 176 reporting departments. This annual report is the compilation of the incidents we received from participating departments for 2004. Without their input, this report would not be possible.

We extend a very special thank you to those counties where there was 100 percent participation: Ada, Bear Lake, Bonneville, Butte, Franklin, Gooding, Jerome, Kootenai, Lincoln, Madison, Minidoka, Payette, and Teton.

The chart below shows the continued increase in the number of submitted incidents since 1999 when the reporting system mainly collected fire incident data. The data increased as more departments began using NFIRS Version 5 in 2001. These incidents reflect all activities that are performed for the public by emergency services today.



FDID	DEPARTMENT NAME	Population Protected	Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
01100	BOISE FD	193,085	697	55	10864	377	572	904	1,481	8	12	14,970	24.9%	1,805,344	9	0	10	0
01344	EAGLE FPD	19,000	96	1	59	18	33	73	83	2	2	367	0.6%	493,270	1	0	0	0
01246	KUNA FD	7,386	70	2	419	13	69	71	53	0	1	698	1.2%		0	0	0	0
01313	MERIDIAN FD	54,000	163	3	1568	54	101	432	257	0	0	2,578	4.6%	1,031,275	5	0	1	0
01236	NORTH ADA CO. F&R	12,000	105	7	37	30	34	116	124	1	2	456	0.8%	3,500	0	0	0	0
01342	STAR FD	5,500	55	0	246	11	8	5	19	0	0	344	0.6%	7,080	0	0	0	0
01	ADA COUNTY	290,971	1,186	68	13,193	503	817	1,601	2,017	11	17	19,413	32.7%	\$3,340,469	15	0	11	0
03320	COUNCIL VFD	1,500	5	1	0	0	20	2	2	0	0	30	0.0%		0	0	0	0
03310**	CUPRUM FIRE DEPT	0																
03334	INDIAN VALLEY RFD	500	7	0	10	0	0	1	0	0	0	18	0.0%		0	0	0	0
03340*	MEADOWS VALLEY RFD	1,000																
03	ADAMS COUNTY	3,000	12	1	10	0	20	3	2	0	0	48	0.0%	\$0	0	0	0	0
05322*	ARIMO FD	314																
05207	CHUBBUCK FD	20,000	71	1	3	36	17	27	44	1	3	203	0.3%	94,000	2	0	0	0
05326*	DOWNEY FD	672																
05328*	INKOM FD	2,500																
05329*	LAVA HOT SPRINGS FD	1,500																
05340*	MCCAMMON FD	763																
05101	POCATELLO CITY FD	51,442	138	4	1844	117	57	138	180	1	7	2,486	4.1%	968,285	2	0	0	0
05331	POCATELLO VALLEY FD	8,500	1	0	0	2	0	0	0	0	0	3	0.0%	300	0	0	0	0
05	BANNOCK COUNTY	85,691	210	5	1,847	155	74	165	224	2	10	2,692	4.4%	\$1,062,585	4	0	0	0
07343	BENNINGTON FD	2,300	7	0	0	0	14	1	1	0	0	23	0.0%		0	0	0	0
07335	DINGLE FD	100	0	0	0	0	0	0	0	0	0	0	0.0%		0	0	0	0
07341	FISH HAVEN FD	100	3	0	0	0	1	0	4	0	0	8	0.0%	40,000	0	0	0	0
07339	GENEVA FD	100	0	0	0	0	2	0	0	0	0	2	0.0%		0	0	0	0
07337	GEORGETOWN FD	538	3	0	0	0	2	0	0	0	0	5	0.0%	3,000	0	0	0	0
07301	MONTPELIER CITY FD	2,900	7	0	0	3	3	0	4	0	0	17	0.0%	25,000	0	0	0	0
07344	NOUNAN FD	50	1	0	0	0	0	0	0	0	0	1	0.0%		0	0	0	0
07336	OVID FD	100	5	0	0	2	3	0	0	0	0	10	0.0%	2,000	0	0	0	0
07334	PARIS FD	576	2	0	0	0	1	0	0	0	0	3	0.0%		0	0	0	0
07338	PEGRAM FD	100	2	0	0	0	0	0	0	0	0	2	0.0%		0	0	0	0
37342	ST. CHARLES FD	156	0	0	0	0	0	0	0	0	0	0	0.0%		0	0	0	0
07	BEAR LAKE COUNTY	7,020	30	0	0	5	26	1	9	0	0	71	0.0%	\$70,000	0	0	0	0
09330	FERNWOOD RFPD	1,000	2	0	0	0	0	0	0	0	0	2	0.0%	25,000	0	0	0	0
09302	PLUMMER-GATEWAY FD	2,500	22	1	21	17	1	13	5	0	0	80	0.1%	284,000	0	0	0	0
09366	ST MARIES FPD	7,000	53	1	33	14	4	23	6	1	3	138	0.2%	374,400	0	0	0	0
09335*	TENSED FPD	126																
09	BENEWAH COUNTY	10,626	77	2	54	31	5	36	11	1	3	220	0	683,400	0	0	0	0

FDID	DEPARTMENT NAME	Population Protected	Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
11303*	ABERDEEN FD	1,403										0	0.0%	0	0	0	0	0
11360*	ATOMIC CITY FD	32										0	0.0%	0	0	0	0	0
11101	BLACKFOOT CITY FD	26,000	172	2	0	37	49	59	52	1	10	382	0.6%	287,850	0	0	0	0
11357	FIRTH FD	5,000	29	1	26	7	1	10	1	0	0	75	0.1%	17,700	0	0	0	0
11334	FORT HALL	5,914	104	1	8	18	13	18	29	3	3	197	0.3%	56,950	0	0	0	0
11355	SHELLEY FD	3,744	4	1	16	2	0	1	0	0	0	24	0.0%	180,000	0	1	0	0
11	BINGHAM COUNTY	42,093	309	5	50	64	63	88	82	4	13	678	1.0%	\$542,500	0	1	0	0
												678						
13302	BELLEVUE CITY FD	1,876	17	0	1	19	4	6	7	0	0	54	0.1%	500	0	0	0	0
13354*	CAREY RFPD	513										0	0.0%	0	0	0	0	0
13301	HAILEY CITY FD	7,500	40	2	294	42	24	21	41	0	0	464	0.8%	180,375	0	0	0	0
16203	KETCHUM FD	11,200	6	3	540	55	44	95	46	2	0	791	1.3%	11,100	0	0	0	0
13306	SUN VALLEY FD	1,000	15	1	24	11	1	5	29	0	1	87	0.1%	1,602,500	0	0	0	0
13334	WOOD RIVER FPD	15,000	5	0	588	5	41	45	5	0	0	689	1.1%	6,000	0	0	0	0
13	BLAINE COUNTY	37,089	83	6	1,447	132	114	172	128	2	1	2,085	3.4%	\$1,800,475	0	0	0	0
												2,085						
15309	CENTERVILLE FD	300	1	0	2	0	0	3	0	0	0	6	0.0%	0	0	0	0	0
15330*	CLEAR CREEK VFD	400										0	0.0%	0	0	0	0	0
15311	GARDEN VALLEY FD	400	5	0	31	2	0	6	1	0	0	45	0.1%	3,000	0	0	0	0
15320*	GRANDJEAN VFD	50										0	0.0%	0	0	0	0	0
15345	HORSESHOE BEND FD	1,000	1	0	0	0	0	1	0	0	0	2	0.0%	0	0	0	0	0
15324	IDAHO CITY VFD	500	8	0	3	1	1	0	1	0	0	14	0.0%	459,000	0	0	0	0
15342	LOWMAN FD	350	0	0	0	3	0	1	0	0	0	4	0.0%	0	0	0	0	0
15301*	PLACERVILLE FD	100										0	0.0%	0	0	0	0	0
15313*	ROBIE CREEK FD	300										0	0.0%	0	0	0	0	0
15335**	VALLEY OF THE PINES FD	50										0	0.0%	0	0	0	0	0
15340	WILDERNESS RANCH VFD	300	10	0	15	3	6	3	1	0	0	38	0.1%	500	0	0	0	0
15	BOISE COUNTY	3,750	25	0	51	9	7	14	3	0	0	109	0.2%	\$462,500	0	0	0	0
												109						
17314*	CLARK FORK VFD	600										0	0.0%	0	0	0	0	0
17344	COOLIN-CAVANAUGH BAY PD	300	5	0	4	0	0	0	0	0	0	9	0.0%	8,000	3	0	0	0
17316*	HOPE EAST HOPE FD	231										0	0.0%	0	0	0	0	0
17333	NORTHSIDE FPD	2,500	52	1	8	66	22	16	31	0	0	196	0.3%	438,000	0	0	0	0
17303	PRIEST RIVER CITY FD	2,000	4	2	1	4	0	0	3	0	0	14	0.0%	307,900	0	0	1	0
17341	SAGLE FD	5,700	48	0	257	22	34	54	43	0	1	459	0.8%	107,501	0	0	0	0
17360	SAM OWEN FD	50	4	0	1	3	0	0	0	0	0	8	0.0%	0	0	0	0	0
17201	SANDPOINT FD	7,000	37	1	409	36	74	19	54	1	1	632	1.1%	63,400	0	0	0	0
17349	SCHWEITZER FD	1,000	0	0	11	0	0	0	1	0	0	12	0.0%	0	0	0	0	0
17337	WEST PEND OREILLE FD	2,000	30	0	11	16	21	21	15	4	1	119	0.2%	509,500	0	0	0	0
17319	WEST PRIEST LAKE FD	600	2	0	0	0	0	0	1	0	0	3	0.0%	0	0	0	0	0
17335	WESTSIDE FPD	4,497	1	0	4	0	1	0	0	0	0	6	0.1%	0	0	0	0	0
17	BONNER COUNTY	26,478	183	4	706	147	152	110	148	5	3	1,458	2.5%	\$1,434,301	3	0	0	1

FDID	DEPARTMENT NAME	Population Protected	Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality	
												1,458							
19315	AMMON FD	8,700	12	0	0	3	0	10	15	0	0	40	0.1%	2,200	0	0	0	0	
19101	IDAHO FALLS FD	82,522	294	10	26	165	50	62	188	0	6	801	1.3%	2,155,370	2	0	0	0	
19340	SAWAN VALLEY FPD #2	700	6	0	12	2	0	5	1	0	0	26	0.0%	25,000	0	0	0	0	
19317	UCON FD	943	3	0	0	1	2	1	4	0	0	11	0.0%	30,100	0	0	0	0	
19	BONNEVILLE COUNTY	92,865	315	10	38	171	52	78	208	0	6	878	1.4%	\$2,212,670	2	0	0	0	
21301	BONNERS FERRY FD	2,515	7	0	2	9	7	22	7	0	1	55	0.1%	1,000	0	0	0	0	
21333	CURLEY CREEK FPD	1,200	15	0	0	4	1	1	2	0	0	23	0.0%	124,600	0	0	0	0	
21344	HALL MOUNTAIN FD	1,200	12	0	1	8	0	0	1	0	0	22	0.0%	613,000	0	0	0	0	
21315*	MOYIE SPRINGS FD	656										0	0.0%	0	0	0	0	0	
21341	NORTH BENCH FD	1,000	14	0	7	2	0	4	2	0	0	29	0.0%	68,000	0	0	0	0	
21348	PARADISE VALLEY FD	1,000	17	0	1	17	2	8	7	0	0	52	0.1%	0	0	0	0	0	
21346	SOUTH BOUNDARY FD	1,200	11	1	0	2	3	20	2	0	0	39	0.1%	159,100	0	0	0	0	
21	BOUNDARY COUNTY	8,771	76	1	11	42	13	55	21	0	1	220	0.3%	\$965,700	0	0	0	0	
23316	ARCO FD	1,029	10	0	8	2	0	2	1	0	0	23	0.0%	40,000	0	0	1	0	
23341	LOST RIVER FD	500	3	0	0	0	0	0	0	0	0	3	0.0%	0	0	0	0	0	
23	BUTTE COUNTY	1,529	13	0	8	2	0	2	1	0	0	26	0.0%	\$40,000	0	0	1	0	
25301*	CAMAS COUNTY/FAIRFIELD FD	800											0.0%	0	0	0	0	0	
25340*	WEST MAGIC FPD	100											0.0%	0	0	0	0	0	
25	CAMAS COUNTY	900	0	0	0	0	0	0	0	0	0	0	0.0%	\$0	0	0	0	0	
27211	CALDWELL CITY FD	33,000	135	2	1294	56	120	140	159	2	2	1,910	3.2%	1,600,910	1	0	0	0	
27246	CALDWELL RFD	19,000	61	1	192	10	14	51	33	0	0	362	0.6%	544,125	1	0	1	0	
27344	MELBA RFPD	3,000	19	0	6	2	1	4	3	0	0	35	0.1%	6,500	0	0	0	0	
27336	MIDDLETON FPD	13,285	73	1	320	4	14	31	20	0	0	463	0.8%	346,720	1	0	0	0	
27101	NAMPA FD	82,000	264	3	3191	113	351	1,170	431	2	4	5,529	9.2%	1,307,402	17	0	4	0	
27309	NOTUS CITY FD	500	28	0	0	0	2	7	2	0	0	39	0.1%	0	0	0	0	0	
27338*	PARMA FPD	4,000										0	0.0%	0	0	0	0	0	
27109	SOUTHWEST RHT	0	0	0	0	14	0	0	0	0	0	14	0.0%	0	0	0	0	0	
27339*	UPPER DEER FLAT FD	2,250										0	0.0%	0	0	0	0	0	
27307	WILDER CITY FD	1,500	33	1	120	7	3	5	5	0	0	174	0.3%	62,800	1	0	0	0	
27	CANYON COUNTY	158,535	613	8	5,123	206	505	1,408	653	4	6	8,526	14.3%	\$3,868,457	21	0	5	0	
29306	BANCROFT FD	400	5	0	0	0	0	0	5	0	0	10	0.0%	0	0	0	0	0	
29305	CARIBOU COUNTY FD	2,700	1	0	0	0	0	0	0	0	1	2	0.0%	8,000	0	0	0	0	
29309*	GRACE FD	100										0	0.0%	0	0	0	0	0	
29301	SODA SPRINGS CITY FD	5,500	1	0	0	0	0	0	0	0	0	1	0.0%	0	0	0	2	0	
29	CARIBOU COUNTY	8,700	7	0	0	0	0	0	5	0	1	13	0.0%	\$8,000	0	2	0	0	

FDID	DEPARTMENT NAME	Population Protected	Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
31343	ACE FIRE PROTECTION UNIT	500	1	0	0	0	0	0	0	0	0	1	0.0%	75,000	0	0	0	0
31342*	ALBION FPD	305										0	0.0%	0	0	0	0	0
31201	BURLEY CITY/N CASSIA RFPD	19000	83	0	5	12	6	30	39	0	0	175	0.3%	944,710	0	1	2	0
31334	DECLO RPD	338	6	0	0	0	0	0	1	0	0	7	0.0%	20,000	0	0	0	0
31340	OAKLEY FD	668	12	0	1	1	0	1	2	0	0	17	0.0%	162,080	0	0	0	0
31338	RAFT RIVER FPD	500	2	0	0	3	0	0	0	0	0	5	0.0%	3,000	0	0	0	0
31	CASSIA COUNTY	21,311	104	0	6	16	6	31	42	0	0	205	0.3%	\$1,204,790	0	1	2	0
33329*	DUBOIS CITY FD	1,000																
33	CLARK COUNTY	1,000	0	0	0	0	0	0	0	0	0	0	0.0%	0	0	0	0	0
88172	CLEARWATER POTLATCH TPA	5,000	69	0	0	0	0	0	0	0	0	69	0.1%	0	0	0	0	0
35301*	ELK RIVER FD	156										0						
35341	EVERGREEN VFD	300	3	0	0	0	0	0	0	0	0	3	0.0%	43,000	0	0	0	0
35340*	GREER FD	50										0						
35303	OROFINO CITY FD	3,247	29	9	0	9	3	5	12	0	0	67	0.1%	56,500	0	0	0	0
35309	PIERCE FD	700	3	0	0	0	0	1	0	0	0	4	0.0%	62,000	2	0	0	0
35338	SUNNYSIDE FPD	425	11	0	0	0	0	6	0	0	0	17	0.0%	0	0	0	0	0
35305	TWIN RIDGE FD	500	1	0	0	1	0	0	0	0	0	2	0.0%	0	0	0	0	0
35312	WEIPPE RFD	416	2	0	0	0	0	0	1	0	0	3	0.0%	0	0	0	0	0
35	CLEARWATER COUNTY	10,794	118	9	0	10	3	12	13	0	0	165	0.2%	161,500	2	0	0	0
37315*	CLAYTON FD	27																
37305	MACKAY FD	566	8	0	0	6	1	0	0	0	0	15	0.0%	0	0	0	0	0
37334	NORTH CUSTER FPD	1,200	7	0	11	1	0	7	0	0	0	26	0.0%	50,000	0	0	0	0
37354	SOUTH CUSTER RFPD	11,600	4	0	0	6	0	0	0	0	0	10	0.0%	0	0	0	0	0
37301	SAWTOOTH VALLEY RFD	500	1	0	8	2	0	10	0	0	0	21	0.0%	0	0	0	0	0
37	CUSTER COUNTY	13,893	20	0	19	15	1	17	0	0	0	72	0	50,000	0	0	0	0
39338	ATLANTA RFD	40	1	0	0	0	0	0	0	0	0	1	0.0%	0	0	0	0	0
39000	ELMORE CO UNPROTECTED	0	1	0	0	0	0	0	0	0	0	1	0.0%	0	0	1	0	0
39303*	GLENN'S FERRY FPD	1,611										0						
39301	MOUNTAIN HOME CITY FD	14,000	35	2	0	4	10	10	19	0	0	80	0.1%	24,400	0	0	0	0
39334	MOUNTAIN HOME FPD	2,000	48	1	0	2	6	5	1	1	0	64	0.1%	446,345	0	0	0	0
39309*	OASIS VFD	100										0						
39	ELMORE COUNTY	17,751	85	3	0	6	16	15	20	1	0	146	0	470,745	0	1	0	0
41301	FRANKLIN CO FD	1,200	28	1	23	3	7	9	0	0	0	71	0.1%	590,500	1	0	0	0
41	FRANKLIN COUNTY	1,200	28	1	23	3	7	9	0	0	0	71	0.1%	\$590,500	1	0	0	0

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43334*	ISLAND PARK FPD	215										0	0.0%	0	0	0	0	0
43336	NORTH FREMONT FPD	3,000	11	0	0	0	2	0	4	0	0	17	0.0%	3,100	0	0	0	0
43312*	ST ANTHONY/S FREMONT FD	4,000										0	0.0%	0	0	0	0	0
43	FREMONT COUNTY	7,215	11	0	0	0	2	0	4	0	0	17	0.0%	\$3,100	0	0	0	0
45301	EMMETT CITY VFD	5,490	25	0	1	7	4	6	17	0	2	62	0.1%	3,800	0	0	0	0
45334	GEM COUNTY FPD #1	8,000	91	2	1	4	10	6	0	0	1	115	0.2%	0	0	0	0	0
45339*	GEM COUNTY FPD #2	1,400										0	0.0%	0	0	0	0	0
45	GEM COUNTY	14,890	116	2	2	11	14	12	17	0	3	177	0.3%	\$3,800	0	0	0	0
47341	BLISS FD	400	19	0	77	4	2	13	3	0	0	118	0.2%	9,500	0	0	0	0
47301	GOODING CITY/RURAL FD	5,700	49	40	0	31	11	35	19	0	1	186	0.3%	142,500	0	0	0	0
47323	HAGERMAN FD	1,800	30	21	0	13	11	11	3	0	2	91	0.2%	53,000	0	0	0	0
47335	WENDELL FPD	6,000	62	0	27	58	6	31	7	0	0	191	0.3%	207,000	0	0	0	0
47	GOODING COUNTY	13,900	160	61	104	106	30	90	32	0	3	586	1.0%	\$412,000	0	0	0	0
49352	BPC FD	648	2	0	0	0	0	0	0	0	0	2	0.0%	0	0	0	0	0
49340*	CARROT RIDGE VFD	300										0	0.0%	0	0	0	0	0
49310	COTTONWOOD CITY FD	944	4	0	3	1	0	0	1	0	0	9	0.0%	0	0	0	0	0
49335	COTTONWOOD REPD	100	4	0	0	0	0	1	0	0	0	5	0.0%	0	0	0	0	0
49316*	ELK CITY FD	400										0	0.0%	0	0	0	0	0
49327*	FERDINAND CITY/RURAL FD	145										0	0.0%	0	0	0	0	0
49308*	GRANGEVILLE CITY/RURAL FD	3,500										0	0.0%	0	0	0	0	0
49362*	HARPSTER VFD	515										0	0.0%	0	0	0	0	0
49330	KOOSKIA FD	3,000	20	0	0	2	0	1	0	0	0	23	0.0%	151,775	1	0	0	0
49336*	RIDGERUNNERS VFPD	600										0	0.0%	0	0	0	0	0
49350	RIGGINS CTY/RURAL FD	410	3	0	0	0	0	0	0	0	0	3	0.0%	3,000	0	0	0	0
49338	SALMON RIVER FPD	700	13	0	0	1	1	3	1	0	0	19	0.0%	137,750	0	0	0	0
49370*	SECESH MEADOWS FD	50										0	0.0%	0	0	0	0	0
49329*	STITES FD	204										0	0.0%	0	0	0	0	0
49311*	WHITEBIRD FD	106										0	0.0%	0	0	0	0	0
49	IDAHO COUNTY	11,622	46	0	3	4	1	5	2	0	0	61	0.0%	\$292,525	1	0	0	0
51334	CENTRAL FPD	5,000	71	1	0	20	2	13	2	1	0	110	0.2%	332,061	0	0	0	0
51337*	HAMER FPD	86										0	0.0%	0	0	0	0	0
51314*	ROBERTS FD	647										0	0.0%	0	0	0	0	0
51340*	WEST JEFFERSON FPD	1,200										0	0.0%	0	0	0	0	0
51	JEFFERSON COUNTY	6,933	71	1	0	20	2	13	2	1	0	110	0.2%	\$332,061	0	0	0	0

FDID	DEPARTMENT NAME	Population Protected		Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
53353	FIRST SEGREGATION FD	1,089	31	0	31	15	9	21	5	0	0	0	112	0.2%	171,465	0	0	0	0
53201	JEROME CITY FD	8,100	39	0	490	218	36	40	42	0	1	866	1.4%	183,690	0	0	0	0	
53333	JEROME RURAL FD	6,500	135	3	105	10	12	16	0	2	286	0.5%	268,400	0	0	0	0	0	
53	JEROME COUNTY	15,689	205	3	524	338	55	73	63	0	3	1,264	2.1%	\$623,555	0	0	0	0	0
55201	COEUR D'ALENE FD	2,000	214	10	5208	104	241	222	354	0	1	6,354	10.6%	310,500	2	2	0	0	
55360	EAST SIDE FD	2,500	7	0	10	10	7	14	11	0	1	60	0.1%	0	0	0	0	0	
55346	HAUSER LAKE FD	2,000	35	0	60	4	8	14	6	0	0	127	0.2%	900	0	0	0	0	
55209	KOOTENAI CO HAZ MAT #1	0	0	0	0	8	22	4	0	0	0	34	0.1%	15,000	2	0	0	0	
55234	KOOTENAI COUNTY F&R	31,893	210	7	2045	104	211	568	100	1	6	3,252	5.4%	554,631	0	0	0	0	
55354	MICA-KIDD ISLAND FPD	1,674	18	0	27	5	7	24	10	1	2	94	0.2%	0	0	0	0	0	
55342	NORTHERN LAKES FPD	28,000	171	5	1952	62	97	238	70	1	0	2,596	4.3%	550,700	1	0	1	0	
55338	SPIRIT LAKE FPD	7,250	52	1	263	13	20	23	18	0	3	393	0.7%	0	0	0	0	0	
55352	TIMBERLAKE FPD	6,300	66	0	389	28	33	38	11	1	4	570	0.9%	649,978	0	0	0	0	
55336	WORLEY FD	2,500	28	0	86	9	12	52	8	0	0	195	0.3%	0	0	0	0	0	
55	KOOTENAI COUNTY	84,117	801	23	10,040	347	658	1,197	588	4	17	13,675	22.8%	2,081,709	5	2	1	0	
57309*	BOVILL VFD	365																	
57342	DEARY FPD	2,000	19	0	69	0	0	0	1	0	0	89	0.1%	0	0	0	0	0	
57338*	GENESEE R/COMM FD	1,725																	
57307	JULIAETTA VFD	610	2	0	0	1	0	0	0	0	0	3	0.0%	0	0	0	0	0	
57306*	KENDRICK VFPD	400																	
57301	MOSCOW CITY FD	22,000	72	2	259	32	4	28	145	0	0	542	0.9%	60,440	0	0	0	0	
57301	MOSCOW RFD	10,000	22	0	40	4	1	5	7	0	0	79	0.1%	326,500	0	0	0	0	
57336*	POTLATCH RFPD	791																	
57304	TROY CITY FD	2,000	6	0	5	1	10	4	0	0	5	31	0.1%	0	0	0	0	0	
57340	TROY RURAL FD	100	15	0	12	0	5	1	3	0	5	41	0.1%	12,800	0	0	0	0	
57	LATAH COUNTY	39,991	136	2	385	38	20	38	156	0	10	785	1.3%	\$399,740	0	0	0	0	
59310*	ELK BEND FPD	100																	
59304*	GIBBONSVILLE VFD	200																	
59315	LEADORE FD	1,000	6	0	7	1	0	0	3	0	0	17	0.0%	250	0	0	0	0	
59301	LEMHI CITYFPD	4,500	20	1	0	1	0	0	0	0	0	22	0.1%	150,000	0	0	0	0	
59333*	NORTH FORK FPD	250																	
59344	PAHSIMEROI FD	50	2	0	0	0	0	1	0	0	0	3	0.0%	200	0	0	0	0	
59330	SALMON FD/LEMHI CO RFPD	3,100	31	0	0	1	0	1	1	0	1	35	0.0%	4,200	0	1	0	0	
59	LEMHI COUNTY	9,200	59	1	7	3	0	2	4	0	1	77	0.1%	\$154,650	0	1	0	0	
61304*	CRAIGMONT FD	556																	
61334	KAMIAH VFD	4,000	13	0	0	0	0	2	3	3	1	22	0.0%	75,800	0	0	0	0	
61310*	NEZPERCE FD	523																	
61306*	REUBENS FD	72																	
61308*	WINCHESTER FD	400																	
61	LEWIS COUNTY	4,995	13	0	0	0	0	2	3	3	1	22	0.0%	\$ 75,800	0	0	0	0	0

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63306	DIETRICH FD	500	11	0	3	5	1	4	1	0	0	25	0.0%	21,000	0	0	0	0
63308	RICHFIELD FD	420	3	0	0	0	0	0	0	0	0	4	0.0%	0	0	0	0	0
63333	SHOSHONE FD	2,200	29	0	52	10	3	26	11	2	7	140	0.2%	350	0	0	0	0
63	LINCOLN COUNTY	3,120	43	0	55	15	5	30	12	2	7	169	0.2%	\$21,350	0	0	0	0
65234	REXBURG-MADISON CO ES	40,000	56	1	15	41	13	65	44	0	0	235	0.4%	291,300	0	0	0	0
65	MADISON COUNTY	40,000	56	1	15	41	13	65	44	0	0	235	0.4%	\$291,300	0	0	0	0
67336	MINIDOKA COUNTY	10,200	85	0	3	12	1	11	12	0	2	126	0.2%	71,000	0	0	1	0
67301	RUPERT CITY FD	5,645	24	0	6	2	8	4	15	0	0	59	0.1%	27,100	0	0	0	0
67334	WEST END FPD	8,500	38	1	56	6	2	18	2	1	1	125	0.2%	616,000	0	0	0	0
67	MINIDOKA COUNTY	24,345	147	1	65	20	11	33	29	1	3	310	0	714,100	0	0	1	0
69333*	BIG CANYON FPD	400										0	0.0%	0	0	0	0	0
69320*	CLEARWATER FIRE SERVICE	3,000										0	0.0%	0	0	0	0	0
69311*	CULDESAC FD	400										0	0.0%	0	0	0	0	0
69306*	LAPWAI FD	1,200										0	0.0%	0	0	0	0	0
69201	LEWISTON CITY FD	31,000	141	10	1	39	43	49	168	0	2	453	0.8%	804,876	3	1	2	0
69209	LEWISTON HAZMAT TEAM	0				5						5	0.0%	55,000				
69344*	NEZ PERCE COUNTY FD	0										0	0.0%	0				
69220	POTLATCH CORP FD	1,600	19						1			20	0.0%	2,000				
69	NEZ PERCE COUNTY	37,600	160	10	1	44	43	49	169	0	2	478	0.8%	\$861,876	3	1	2	0
71301*	MALAD VFD	3,000										0	0.0%	0	0	0	0	0
71	ONEIDA COUNTY	3,000	0	0	0	0	0	0	0	0	0	0	0.0%	\$0	0	0	0	0
73340*	BRUNEAU FD	550										0	0.0%	0	0	0	0	0
73338*	GRAND VIEW RFD	470										0	0.0%	0	0	0	0	0
73334	HOMEDALE FPD	2,528	1	0	0	0	0	0	0	0	0	1	0.0%	0	0	1	0	0
73336	MARSING FPD	1,800	34	0	4	3	0	1	1	0	0	43	0.1%	50,000	0	0	0	0
73342	M-R-W FD	200	2	0	0	0	0	1	0	0	0	3	0.0%	0	0	0	0	0
73	OWYHEE COUNTY	5,548	37	0	4	3	0	2	1	0	0	47	0	50,000	0	1	0	0
75302	FRUITLAND FD	3,805	23	0	0	6	5	3	6	0	0	43	0.1%	175,600	0	0	0	0
75303	NEW PLYMOUTH FD	2,500	50	2	6	9	7	25	3	0	1	103	0.2%	409,200	0	0	0	0
75301	PAYETTE FD	13,854	77	0	8	37	10	11	18	1	0	162	0.3%	1,137,160	2	0	0	0
75	PAYETTE COUNTY	20,159	150	2	14	52	22	39	27	1	1	308	0.6%	\$1,721,960	2	0	0	0

FDID	DEPARTMENT NAME	Population Protected	Fire	Exp	EMS	Hazard	Service	Assist	False	Weather	Other	Totals	Per Cent of totals	\$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
77302*	AMERICAN FALLS FPD	6,200											0	0.0%	0	0	0	0
77330*	POWER COUNTY FD	50											0	0.0%	0	0	0	0
77306*	ROCKLAND RFD	3,316											0	0.0%	0	0	0	0
77	POWER COUNTY	9,566	0	0	0	0	0	0	0	0	0	0	0.0%	\$0	0	0	0	0
79305*	PRICHARD/MURRAY VFD	700											0	0.0%	0	0	0	0
79236	SHOSHONE COUNTY FPD #1	4,000	30	1	364	14	10	27	10	0	1	457	0.8%	74,200	0	0	0	0
79234	SHOSHONE COUNTY FPD#2	10,000	56	3	476	12	19	76	33	0	4	679	1.1%	136,500	1	0	1	0
79316*	SHOSHONE COUNTY FPD#3	1,000											0	0.0%	0	0	0	0
79310*	ST JOE VALLEY FPD	250											0	0.0%	0	0	0	0
79	SHOSHONE COUNTY	14,700	86	4	840	26	29	103	43	0	5	1,136	1.9%	\$210,700	1	0	1	0
81334	Teton County FD	6,700	22	0	0	8	3	4	7	0	0	44	0.1%	28,840	0	0	1	0
81	TETON COUNTY	6,700	22	0	0	8	3	4	7	0	0	44	0.1%	\$28,840	0	0	1	0
83207	BUHL FD	8,000	67	0	19	33	4	15	15	0	0	153	0.3%	1,394,090	1	0	1	0
83340*	CASTLEFORD FD	277											0	0.0%	0	0	0	0
83338	FILER FD	2,200	33	0	0	32	9	32	17	0	2	125	0.2%	36,000	0	0	0	0
83309	HANSEN FD	900	5	0	0	3	0	1	2	0	0	11	0.0%	71,500	0	0	0	0
83305	KIMBERLY FD	3,000	10	0	1	7	2	6	5	0	0	31	0.1%	26,500	1	0	0	0
83334	ROCKCREEK FD	3,000	30	0	12	43	2	26	4	0	1	118	0.2%	245,765	1	0	0	0
83349	SALMON TRACT VFD	750	11	0	28	0	0	3	0	0	0	42	0.1%	20,000	0	0	0	0
83101	TWIN FALLS FD	47,000	195	686	2	687	64	279	154	0	28	2,095	3.5%	1,269,284	1	0	0	0
83	TWIN FALLS COUNTY	65,127	351	666	62	805	81	362	197	0	31	2,575	4.4%	\$3,063,139	4	0	1	0
85302	CASCADE CITY FD	1,010	11	1	8	7	9	2	1	0	0	39	0.1%	0	0	0	0	0
85334	CASCADE RFD	2,500	12	0	51	5	3	12	4	0	0	87	0.1%	2,000	0	0	0	0
85304	DONNELLY FD	155	36	0	214	4	26	6	8	0	0	294	0.5%	384,900	0	0	0	0
85340*	HIGH VALLEY FPD	200										0	0.0%	0	0	0	0	0
85339	MCCALL FD	6,000	43	0	176	30	17	14	47	0	3	330	0.5%	4,602,500	0	0	4	0
85359*	STIBNITE FD	35										0	0.0%	0	0	0	0	0
85	VALLEY COUNTY	9,900	102	1	449	46	55	34	60	0	3	750	1.2%	\$4,989,400	0	0	4	0
87330*	CAMBRIDGE	780											0	0.0%	0	0	0	0
87336	MIDVALE FD	1,000	9	0	0	0	0	1	0	0	0	10	0.0%	21,000	0	0	0	0
87301	WEISER CITY FD	5,343	21	0	0	5	6	2	2	0	2	38	0.1%	47,500	0	0	0	0
87334	WEISER RFD	4,200	35	2	8	0	1	1	0	0	1	48	0.1%	44,300	0	0	0	0
87	WASHINGTON COUNTY	10,543	65	2	8	5	7	4	2	0	3	96	0.2%	\$112,800	0	0	0	0
TOTALS		1,302,827	6,331	923	35,164	3,449	2,932	5,974	5,049	42	154	60,018	100%	35,412,997	64	10	31	0

* Denotes Non Participating ** Denotes New Department Organization

Idaho's Fire Departments Respond Every:

8.7 minutes
to an incident



1.3 hours to
an actual fire



14 minutes to a
medical call



5.7 hours to a structure fire



1.7 hours to a false alarm



9.6 hours to a vehicle fire



24 hours to an intentionally set fire





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



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 Fire Information Council

Cover photo taken by Officer Rodney Wolverton
Aspen Condominiums, McCall, 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>.