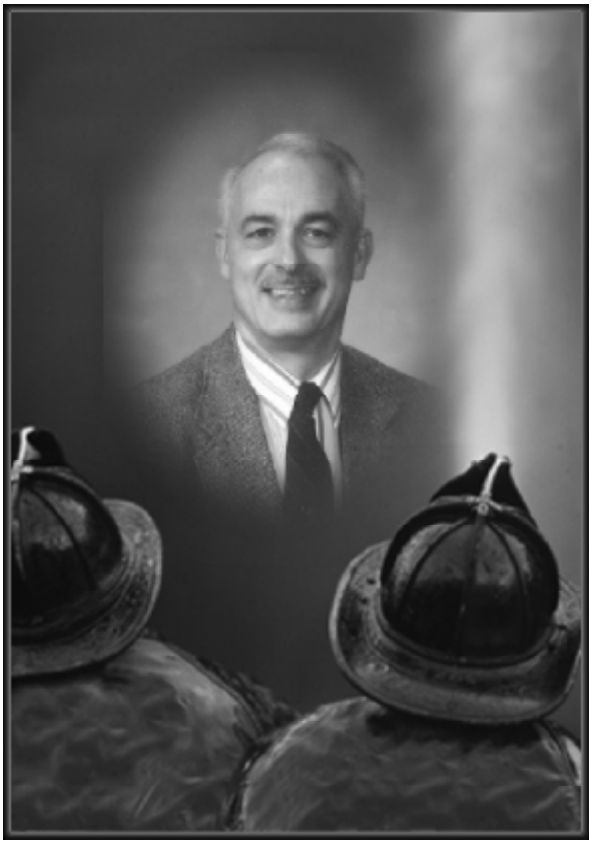
FIRE in Idaho

2003

Dedication



Donald Dillard, 63, January 30, 2004
Chief Deputy State Fire Marshal, 1983-2003

Line of Duty Deaths, 2003

Kevin Whiteley, 46, Emmett Fire Department, heart attack (3/26/03)
Jeffrey Alan Koval, 41, Inkom Fire Department - vehicle accident (8/6/03)*
Leon Chea, 36, Swan Valley Fire Department - heart attack (9/1/03)*
Edward Buti, 54, Elk City, ID - heart attack (8/22/03)*

**Not included in firefighter casualty statistics*

State of Idaho

DEPARTMENT OF INSURANCE

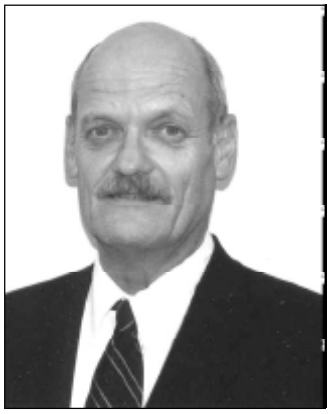
DIRK KEMPTHORNE
Governor

DIVISION OF STATE FIRE MARSHAL
700 West State Street, 3rd Floor
P. O. Box 83720
Boise, Idaho 83720-0043
Phone (208(334-4250
FAX # (208)334-4398

MARY L. HARTUNG
Director

MARK A. LARSON
State Fire Marshal

July 1, 2004



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

Dear Governor Kempthorne:

This report chronicles the information reported to this office by 157 fire departments from across the state. These departments provide fire protection to almost 95% of Idaho's growing population.

This 22nd annual report shows statistics that reflect two positive trends: Fire deaths in Idaho are again below the national average, and the reported dollar losses from fire are less than the previous year. This is an ongoing movement: reported losses in 2000 were over $37,000,000. The dollar loss from reported fires in Idaho for the year 2003 was $32,000,000.

These statistics reflect the ongoing efforts of fire departments across the state and my dedicated staff to continue to improve their efforts in education, prevention and inspections.

Whatever tasks the almost 1,300 firefighters in Idaho face in our challenging future, from a growing population to Homeland Security issues, it will be with the same dedication to public service and safety as they have shown in the past.

Respectfully submitted,

Mark Larson

Mark Larson
State Fire Marshal

Fire in Idaho

2003

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 activities of the State Fire Marshal's Office and fire departments statewide. We thank those departments that took the time to record their activities on the National Fire Incident Reporting System (NFIRS), a standard format, for inclusion in this report.

Fire is a friend and an enemy. As a friend it cooks our food and heats our homes. As an enemy, it can destroy us, our loved ones, and everything we own. Only13% of all incidents responded to by fire departments during 2003 were reported as fires. Although this is a low number, the consequences of unfriendly, uncontrolled fires are devastating. Last year Idaho's fire deaths were 8.8 per million while the national average was considerably higher at 15.1 as per the National Center on Health Statistics (NCHS) on the 2000 population. Based on the dollar losses reported to this office, we conservatively estimate over $32,889,637 of property lost in Idaho due to fire.

The State Fire Marshal's Office works to ensure that public buildings are safe and helps local authorities in code enforcement and investigation of fire causes. Through data collection, we provide a service to the community as well as fire officials on frequency, causes, locations, and types of incidents.

Visit the Idaho State Fire Marshal's website at
http://www.doi.state.id.us/sfm/firemars.aspx

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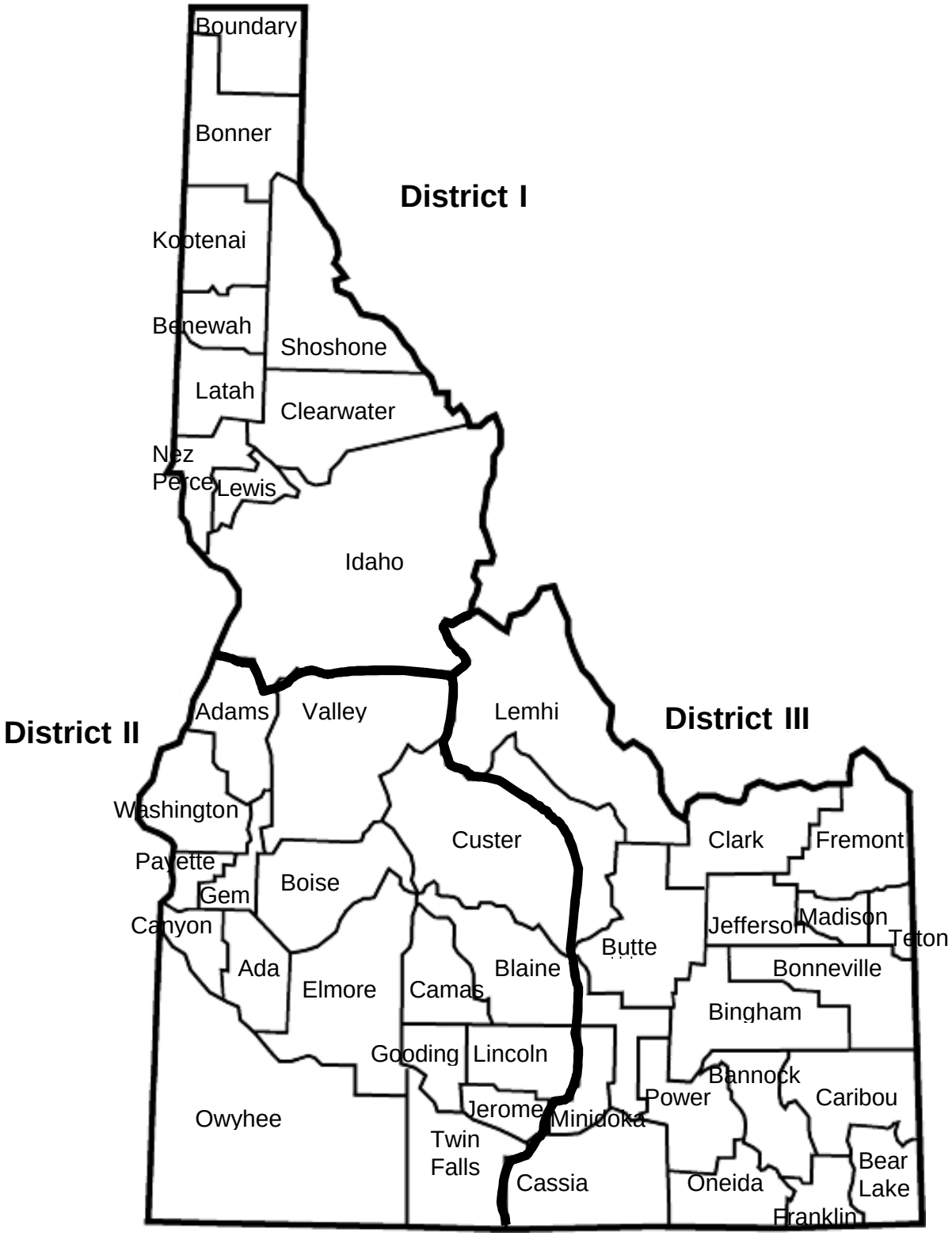
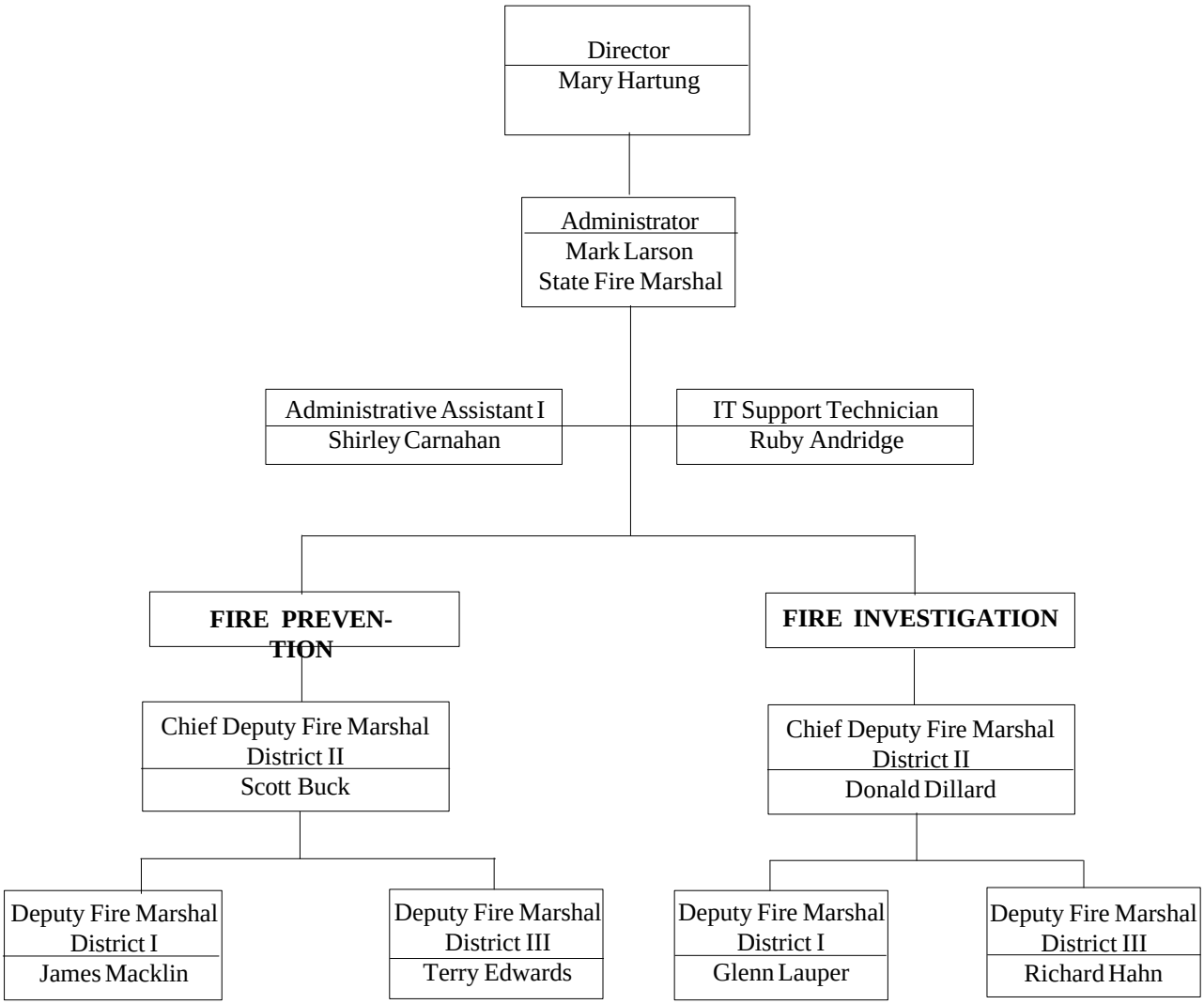
State Fire Marshal Activity Reports



State Fire Marshal Organizational Chart



Advisory Board for the Year 2003

Ben Estes-Pocatello
Robert Tyler-Sandpoint
Doug Brown-Caldwell
Ron Anderson-Nampa
Kevin Quick-Pocatello
Mike Sheets-Idaho Falls
Ron Clark-Twin Falls
Richard Gabriel-Moscow
E. Dean Ellis-Idaho Falls
Jim Washco-Coeur d'Alene
Kevin Courtney-Star
Bart Lassman-Wood River Fire & Rescue
Lynn Borders-Kootenai Co. EMS System
Bill Cowin-Idaho Department of Lands

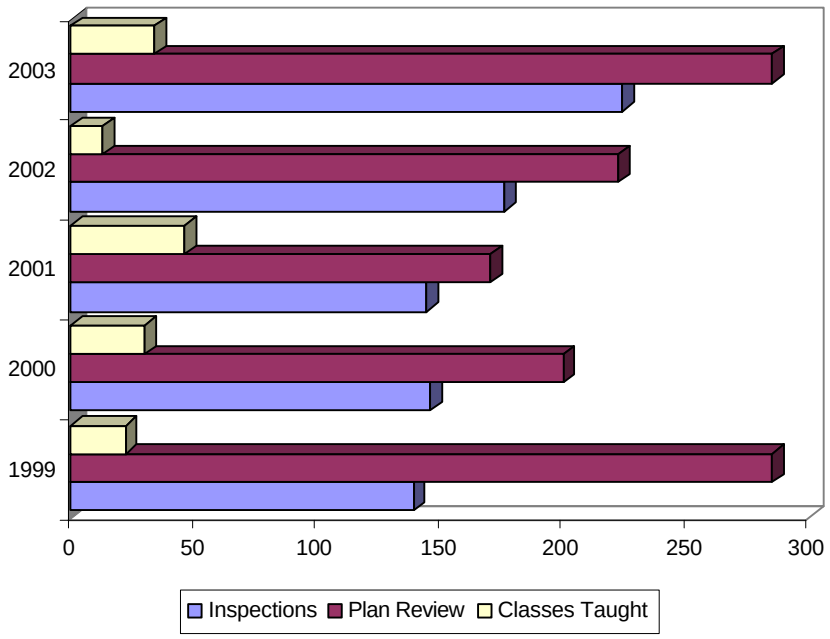
Fire Prevention

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 per the Governor's Executive Order 99.6.

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

Submitted by Coeur d'Alene Fire Department

2003
34 - Classes Taught
285 - Plan Review
224 - 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.

Fire Inspector Certifications – 649

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.

Fire Prevention Sprinkler Contractors – 47
Fire Prevention Sprinkler Fitters – 41
Fire Prevention Sprinkler Plans Reviewed – 305
Fire Prevention Sprinkler Inspections - 28

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

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

Fireworks Wholesalers/Importers - 31

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 759 claims during 2003. The total dollar figure reported for property loss due to fire was $24,373,942.

Idaho Fire Incident Reporting System (IFIRS)

The IFIRS escalated in 2003 by 10% in the number of incidents reported. The findings clearly indicate the demand on local fire departments is increasing and the primary focus is on non-fire incidents, 87% of total incidents.

Fires are devastating. They caused 108 injuries, 11 fatalities, and $32,889,637 in losses during 2003. Are we safer in our homes today than we were yesterday? The answer is no. One out of 200 persons will experience a fire in Idaho during the year. This remains consistent with previous years. During 1982, there were 8.2 fire deaths per million, and in 2003 there were 8.7 fire deaths per million. Detectors do save lives when they are present and working. Fire prevention programs need to become more proactive.

The value of participating in IFIRS by providing accurate and detailed recording of the emergency scene will clearly address many problems in the community. Timely submission of data can provide an early warning of the probability of potential hazards.

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 101 fires during 2003. Of those, 25% were intentionally caused. The Fire Marshal's Office is requested to assist in the investigation of only 10% of the fires that occur within the state. Fire departments within the state listed 807 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.

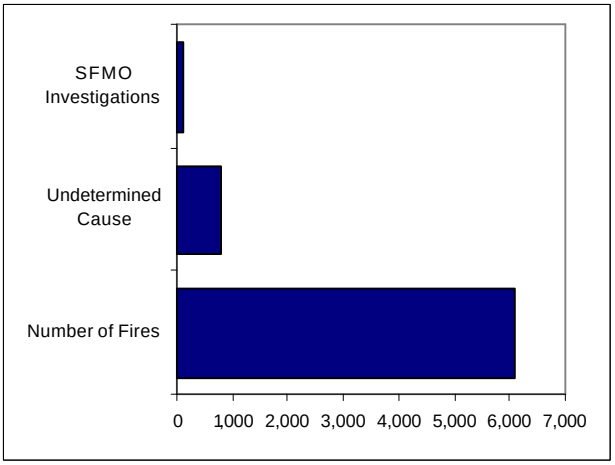
Fire department investigators need to keep up to date on new technology and investigative techniques in order to increase our efforts to identify the origin and cause of fires. Arson is a crime, and law enforcement personnel need to be involved in the investigation of a suspicious fire. The State Fire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

District I
Glenn Lauper
2005 Ironwood Parkway #143
Coeur d'Alene, ID 83814
208-769-1447

District II
Don Dillard
700 W. State Street
Boise, ID 83720-0043
208-334-4370

District III
Richard Hahn
1820 E. 17th St., Suite 365
Idaho Falls, ID 83404
208-525-7022

Statewide Investigation Totals



Submitted by Jeremy Haney
Canyon Creek Fire - August 11, 2003

We can always use your interesting photos.

Summary Statistics

The information in this report comes directly from the incident reports sent to us by you. The validity and accuracy of our report is dependent upon the completeness of the information you submit. In many cases, completing only the **required** fields in the report provides us with a basic picture of the incident. Please consider painting a more complete picture by taking the time to gather and submit more information. A little bit of extra effort will provide a clearer, more accurate view of *Fire in Idaho.*

2003 Incident Picture at a Glance

FIRES – Up 16%
Structure Fires – up 8%
Fire deaths – up 22%
Fire injuries – up 21%
Property damage – up 14%

ALL INCIDENTS
FS Injuries - up 21%
FS Deaths - up 100%

NON-FIRE INCIDENTS – Up 12%
EMS – up 12%
False Alarms up – 5%
Hazardous Condition – up 19%
Service Calls – up 16%
Good Intent – up 6%
Total of All Incidents Reported – up 12% from 2002

Fires

- Wildland fires increased by 27%.
- Heat source in 80% of wildland fires remains "unknown"
- Juvenile set fires are caused by cigarette lighters
- Detectors do save lives when they are present and working
- Cost of intentionally set fires – $773,047

Non-Fires

- Non-fires are 87% of all incidents
- EMS involved firefighters 57% of the time
- Cost of false calls – $657,742
- Included over 4,200 vehicle accidents

PART II

Summary Statistics

2003 State Incident Summary

Submitted by Emmett Fire Department

Total Responses by Type
Including Mutual Aid Given

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Fire	7,219	13.0%	0:08	1:38	6.1	2.8	$32,889,637	75	11	33	0
Overpressure	166	0.3%	0:05	0:40	6.3	2.5	$80,220	0	0	0	0
EMS	31,743	57.2%	0:06	0:33	3.0	1.5	$336,400	12	3	12	0
Hazard	3,671	6.6%	0:08	0:46	4.0	1.9	$552,415	0	0	2	0
Service	2,657	4.8%	0:07	0:41	3.5	1.5	$69,250	0	1	0	1
Good Intent	5,285	9.5%	0:07	0:19	4.0	1.7	$4,450	0	0	1	0
False	4,633	8.3%	0:05	0:22	5.7	2.7	$53,725	0	0	0	0
Weather	40	0.1%	0:08	1:02	4.4	1.8	$5,000	0	0	0	0
Other	126	0.2%	0:09	0:55	2.5	1.6	$0	0	0	0	0
Unknown	2	0.0%	0:04	0:51	4.5	2.0	$0	0	0	0	0

Top 10 by Incident Type

Fire

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Building fire	877	18.3%	0:07	2:42	10.0	4.6	$24,834,142	42	8	16	0
Grass fire	868	18.1%	0:07	1:04	5.1	2.6	$180,315	3	0	0	0
Brush and grass fire	762	15.9%	0:08	1:26	7.2	3.0	$153,340	2	0	3	0
Passenger vehicle fire	745	15.5%	0:06	0:44	5.2	2.3	$1,135,115	3	2	1	0
Outside rubbish, trash fire	375	7.8%	0:07	1:12	5.2	2.0	$11,402	0	0	0	0
Fire, other	263	5.5%	0:06	0:52	4.8	2.4	$116,382	1	0	1	0
Natural vegetation fire	240	5.0%	0:09	1:12	6.5	2.3	$12,680	0	0	0	0
Chimney fire	234	4.9%	0:07	0:40	6.6	2.8	$8,825	0	0	0	0
Dumpster	225	4.7%	0:05	0:30	3.8	1.7	$5,225	0	0	0	0
Outside rubbish fire	209	4.4%	0:09	0:45	5.5	3.9	$20,640	0	0	0	0

Good Intent

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Dispatched & canceled en route	2,473	51.8%	0:07	0:11	3.6	1.4	$0	0	0	0	0
Good intent call	739	15.5%	0:07	0:21	3.9	2.0	$2,200	0	0	1	0
Controlled burning	598	12.5%	0:08	0:22	4.5	1.9	$0	0	0	0	0
Smoke scare, odor of smoke	488	10.2%	0:06	0:26	5.8	2.4	$2,000	0	0	0	0
Steam or dust	148	3.1%	0:06	0:17	5.4	2.4	$0	0	0	0	0
Investigation w/ no hazmat	115	2.4%	0:08	0:41	4.1	1.8	$250	0	0	0	0
Mistaken for smoke	83	1.7%	0:04	0:14	6.7	2.1	$0	0	0	0	0
Wrong location	61	1.3%	0:09	0:40	4.2	1.7	$0	0	0	0	0
Prescribed fire	41	0.9%	0:09	0:46	4.9	2.2	$0	0	0	0	0
EMS transported by non-fire agency	31	0.6%	0:06	0:21	3.0	1.2	$0	0	0	0	0

EMS

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
EMS call,	18,883	61.5%	0:05	0:31	2.6	1.4	$8,100	0	0	8	0
Assist EMS crew	3,684	12.0%	0:06	0:27	3.8	1.5	$33,000	0	0	1	0
Rescue, EMS	3,675	12.0%	0:07	0:41	2.6	1.4	$30,000	0	0	0	0
Vehicle accident with injuries	2,370	7.7%	0:05	0:31	3.8	1.8	$182,900	1	0	2	0
EMS, other	1,356	4.4%	0:08	0:49	3.5	1.9	$0	0	0	0	0
Extrication from vehicle	266	0.9%	0:09	1:08	7.5	3.6	$70,400	11	3	1	0
Motor vehicle/pedestrian accident	227	0.7%	0:04	0:21	3.2	1.5	$0	0	0	0	0
Rescue or EMS standby	137	0.4%	0:10	1:40	3.4	1.6	$10,000	0	0	0	0
Lock-in	48	0.2%	0:05	0:17	3.1	1.3	$0	0	0	0	0
Extrication, rescue, other	46	0.1%	0:10	0:59	6.5	1.9	$0	0	0	0	0

Overpressure

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Excessive heat w/ no ignition	83	53.9%	0:05	0:28	7.5	3.0	$3,020	0	0	0	0
OP rupture air or gas	18	11.7%	0:04	0:57	4.5	1.6	$200	0	0	0	0
OP rupture air or gas, other	17	11.0%	0:06	0:45	4.5	1.6	$0	0	0	0	0
OP rupture, explosion	16	10.4%	0:06	1:36	7.8	2.9	$77,000	0	0	0	0
Air/gas rupture of process vessel	7	4.5%	0:05	0:25	5.4	1.3	$0	0	0	0	0
Explosion (no fire), other	4	2.6%	0:06	0:57	3.3	2.5	$0	0	0	0	0
Fireworks explosion (no fire)	3	1.9%	0:12	0:22	4.0	1.7	$0	0	0	0	0
OP rupture from steam, other	3	1.9%	0:04	0:16	3.7	1.7	$0	0	0	0	0
Chemical reaction rupture	2	1.3%	0:03	0:07	3.0	1.0	$0	0	0	0	0
OP rupture of steam pipe	1	0.6%	0:06	1:01	13.0	5.0	$0	0	0	0	0

Summary Statistics

Hazardous

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Vehicle accident, cleanup	1,503	46.9%	0:06	0:29	3.5	1.3	$119,500	0	0	0	0
Gas leak (natural gas or LPG)	357	11.1%	0:05	0:40	4.4	1.8	$5,200	0	0	0	0
Power line down	300	9.4%	0:07	0:47	4.1	1.5	$51,250	0	0	0	0
Gasoline/flammable liquid spill	228	7.1%	0:10	1:21	3.5	1.4	$145,145	0	0	0	0
Aircraft standby	216	6.7%	0:13	1:16	4.0	2.1	$30,000	0	0	0	0
Arcing, electrical equipment	160	5.0%	0:06	0:32	4.8	1.9	$52,330	0	0	0	0
Electrical wiring/equipment	149	4.6%	0:06	0:37	5.1	2.2	$20,850	0	0	0	0
Hazardous condition, other	127	4.0%	0:10	1:08	3.3	8.2	$0	0	0	0	0
Oil/combustible liquid spill	83	2.6%	0:10	1:10	3.5	1.7	$100,100	0	0	0	0
Chemical spill or leak	83	2.6%	0:10	1:32	3.3	1.8	$100	0	0	2	0

Service Calls

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Unauthorized burning	476	19.2%	0:08	0:26	3.1	1.5	$200	0	0	0	0
Assist invalid	349	14.1%	0:06	0:19	3.0	1.2	$0	0	0	0	0
Smoke or odor removal	330	13.3%	0:05	0:28	5.9	2.6	$8,050	0	0	0	1
Assist police	316	12.7%	0:12	1:59	4.6	1.6	$0	0	0	0	0
Public service	256	10.3%	0:06	0:30	2.7	1.1	$0	0	0	0	0
Public service assistance, other	246	9.9%	0:07	0:31	2.8	1.3	$0	0	0	0	0
Service call, other	241	9.7%	0:07	0:44	2.9	1.5	$1,000	0	0	0	0
Person in distress, other	163	6.6%	0:05	0:26	2.3	1.2	$0	0	0	0	0
Police matter	54	2.2%	0:06	0:38	3.5	1.2	$0	0	1	0	0
Lock-out	51	2.1%	0:07	0:23	2.8	1.2	$0	0	0	0	0

False Alarm

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
False alarm	1,069	25.1%	0:06	0:17	4.3	2.3	$0	0	0	0	0
Smoke detector activation, no fire	629	14.8%	0:05	0:17	6.8	3.1	$500	0	0	0	0
Alarm system, no fire	558	13.1%	0:05	0:21	5.9	2.9	$0	0	0	0	0
Smoke detector malfunction	518	12.2%	0:05	0:27	6.1	2.7	$0	0	0	0	0
Alarm system malfunction	442	10.4%	0:05	0:25	6.7	2.7	$5	0	0	0	0
Detector activation, no fire	292	6.9%	0:05	0:19	5.8	2.6	$0	0	0	0	0
Unintentional alarm	287	6.7%	0:04	0:16	5.9	2.9	$0	0	0	0	0
System malfunction, other	260	6.1%	0:05	0:29	6.3	3.0	$0	0	0	0	0
Malicious, mischievous false call	113	2.7%	0:05	0:24	6.3	2.8	$20	0	0	0	0
Sprinkler activation, no fire	86	2.0%	0:05	0:28	7.0	3.0	$200	0	0	0	0

Weather

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Windstorm	19	47.5%	8.9	26.0	3.4	1.5	$5,000	0	0	0	0
Lightning strike (no fire)	11	27.5%	7.7	32.9	6.5	2.2	$0	0	0	0	0
Severe weather, other	8	20.0%	7.4	31.0	4.1	2.0	$0	0	0	0	0
Flood	1	2.5%	4.0	6.0	3.0	1.0	$0	0	0	0	0
Severe weather, standby	1	2.5%	5.0	9.0	3.0	1.0	$0	0	0	0	0

Time, Month and Day
(Including Mutual Aid Given)

Time

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Midnight - 4 a.m.	5,017	9.0%	0:07	0:47	3.8	1.8	$5,655,790	10	2	8	0
4 a.m. - 8 a.m.	4,853	8.7%	0:07	0:45	3.8	1.8	$4,647,384	6	1	3	0
8 a.m. - noon	10,664	19.2%	0:06	0:39	3.7	1.7	$4,557,872	5	3	7	0
Noon to 4 p.m.	12,870	23.2%	0:06	0:41	3.8	1.9	$8,565,500	20	5	6	0
4 p.m. - 8 p.m.	12,846	23.1%	0:06	0:40	3.9	1.8	$5,262,409	22	3	18	0
8 p.m. - midnight	9,292	16.7%	0:06	0:38	3.9	1.8	$6,273,832	24	2	6	1

Month

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Jan	3,986	7.2%	0:06	0:41	4.0	1.7	$2,090,959	2	0	7	1
Feb	3,697	6.7%	0:06	0:39	4.2	1.8	$4,439,652	2	0	3	2
Mar	4,240	7.6%	0:06	0:35	4.1	1.8	$1,804,931	3	1	7	0
Apr	4,065	7.3%	0:06	0:35	3.9	1.8	$896,366	2	0	6	2
May	4,307	7.8%	0:06	0:36	3.6	1.7	$2,215,501	3	0	5	0
Jun	4,980	9.0%	0:06	0:46	3.9	1.8	$3,074,997	11	0	4	3
Jul	5,936	10.7%	0:07	0:49	3.9	1.9	$4,977,832	8	0	13	1
Aug	5,199	9.4%	0:07	0:47	3.9	1.9	$2,860,711	3	0	7	2
Sep	4,753	8.6%	0:06	0:42	3.6	1.9	$3,974,773	6	0	8	1
Oct	4,923	8.9%	0:06	0:38	3.8	1.8	$3,124,485	2	0	12	1
Nov	4,843	8.7%	0:06	0:36	3.7	1.7	$3,755,900	1	0	8	3
Dec	4,613	8.3%	0:06	0:35	3.5	1.9	$1,746,680	5	0	7	0

Day

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Sun	6,992	12.6%	0:06	0:40	3.7	1.7	$5,579,132	13	0	18	1
Mon	7,962	14.3%	0:06	0:38	3.9	2.0	$4,668,081	5	0	14	3
Tue	7,853	14.1%	0:06	0:40	3.9	1.8	$4,315,967	7	0	13	1
Wed	8,118	14.6%	0:06	0:39	3.8	1.8	$7,904,168	7	1	6	3
Thu	8,048	14.5%	0:06	0:40	3.8	1.8	$3,637,814	7	0	14	0
Fri	8,541	15.4%	0:06	0:43	3.8	1.8	$3,955,976	2	0	12	3
Sat	8,028	14.5%	0:06	0:41	3.8	1.8	$4,901,649	7	0	10	5

Firefighter Costs by Incident Type/Actions Taken*

	#	Duration	Staff	Apparatus	Staff Hrs/Inc	App hrs/Inc	Staff $/Inc	App $/Inc	Total Cost/Inc	Total 2003 Cost
Fire	7,219	1:35	6.1	2.8	9.6	4.4	$183.12	$451.25	$634.37	$4,579,517.03
Overpressure	166	0:40	6.3	2.5	4.2	1.7	$79.00	$168.30	$247.30	$41,052.13
EMS	31,743	0:33	3.0	1.5	1.7	0.8	$31.35	$84.15	$115.50	$3,666,316.50
Hazard	3,671	0:46	4.0	1.9	3.0	1.4	$57.76	$147.29	$205.05	$752,731.21
Service	2,657	0:41	3.5	1.5	2.4	1.0	$45.22	$104.04	$149.26	$396,583.82
Good Intent	5,285	0:17	4.0	1.7	1.1	0.5	$21.28	$48.55	$69.83	$369,062.12
False	4,633	0:22	5.7	2.7	2.1	1.0	$40.07	$101.90	$141.97	$657,742.38
Weather	40	1:02	4.4	1.8	4.5	1.9	$86.11	$189.11	$275.22	$11,008.64
Other	126	0:55	2.5	1.6	2.3	1.5	$43.70	$150.14	$193.84	$24,424.34
Unknown	2	0:51	4.5	2.0	3.8	1.7	$72.68	$173.40	$246.08	$492.15
Grand Total	55,542									$10,498,930.32

*Personnel and apparatus costs are based on 2003 Fire Service Organization Rates supplied by the Idaho Department of Lands at $19/hour staff and $102/hour equipment estimates. The rates remain the same but the number of incidents, duration, staffing, and apparatus varied. Total costs rose from last year by over $2 million.

Top Incident Type by Total Fire Department Costs

- Fires - $4,579,517 (13% of all incidents)
- EMS - $3,666,316 (57% of all incidents)
- Hazardous - $752,731 (7% of all incidents)
- False Calls - $657,742 (8% of all incidents)

Firefighter Primary Actions Taken

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Provide basic life support (BLS)	15,326	32.2%	0:05	0:28	3.0	1.4	$31,000	1	0	8	0
Investigate	7,944	16.7%	0:06	0:24	4.9	2.2	$448,975	9	0	2	0
Emergency medical services, other	5,431	11.4%	0:06	0:34	2.8	1.4	$200	0	0	1	0
Extinguish	4,972	10.4%	0:08	1:41	6.6	2.9	$28,291,370	51	11	22	0
Cancelled enroute	3,663	7.7%	0:03	0:11	3.4	1.4	$100	1	1	0	0
Provide first aid & check for injuries	3,217	6.8%	0:05	0:28	3.2	1.5	$75,700	0	0	1	0
Transport person	2,876	6.0%	0:08	0:58	2.6	1.7	$25,000	0	0	0	0
Provide advanced life support (ALS)	2,069	4.3%	0:07	0:46	2.6	2.0	$20,000	0	0	0	0
Standby	1,050	2.2%	0:10	1:03	4.0	1.6	$301,650	0	0	0	0
Action taken, other	1,032	2.2%	0:07	0:20	2.9	1.9	$38,150	0	0	0	0
Total/Average	47,580	100.0%	0:06	0:38	3.7	1.7	$29,232,145	62	12	34	0

Emergency Medical Services

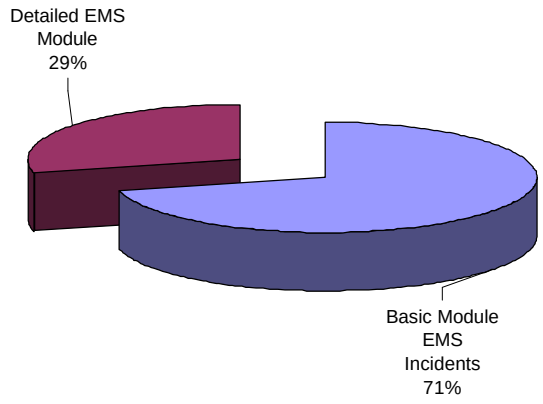
EMS reporting has steadily increased due to the inception of NFIRS 5, an all-incident reporting system, and the changing environment of the fire service. Over half (57%) of all fire department responses statewide are coded as a Rescue and Emergency Medical Services incident.

The following information has been taken from the optional detailed NFIRS EMS module. Twelve departments submitted 8,908 detailed incidents. The main cause was not readily available as 68% of the reports were left blank in this field. It is not a mandatory field. The mandatory fields on an EMS module report are: (1) the number of patients, (2) provider impression/ assessment and (3) initial level of provider. All other fields are optional but essential for analysis.

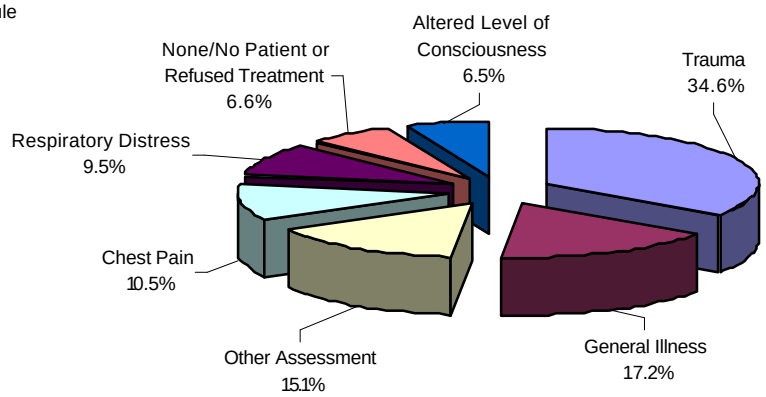
By Frequency:

Who:	More females were treated
Causes:	Falls – 13%
	Physical Assault – 11%
	Vehicle accidents – 9%
Location:	Family home
DOW :	Friday
Month:	July
Times:	Between 4 p.m. and 8 p.m. – (calls)
	Between 8 p.m. and midnight – (fatalities)
	Average response time - 6 minutes
	Average duration – 33 minutes

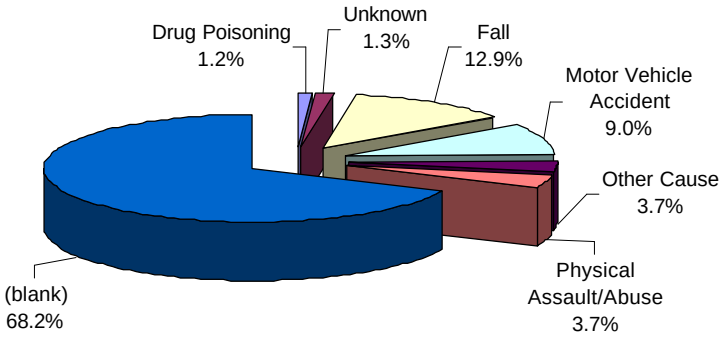
Reporting Form Usage



Provider Assessment

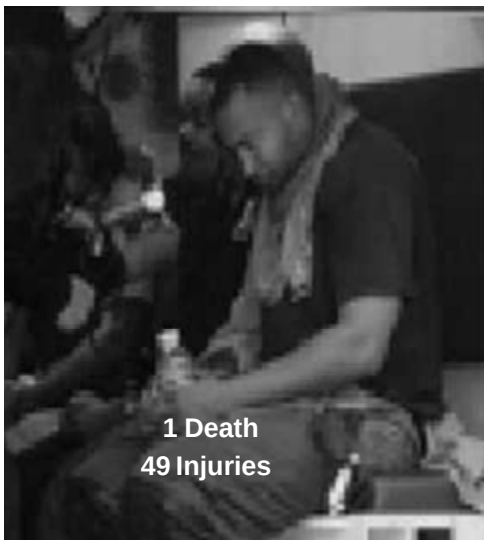


Calls by Cause



Firefighter Injuries and Fatalities

The following statistics reflect persons who were injured or died while engaged in activities as fire department personnel at the time of the incident. **Statistics do not include federal or state wildland fire agencies in Idaho.**

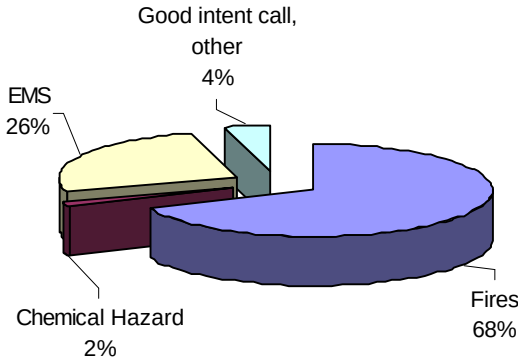


The leading nature of fatal injuries to firefighters is heart attack according to a 10-year study by FEMA and USFA. Idaho had one reported line-of-duty death due to heart attack. During 2003 the largest number of deaths on a national basis occurred while responding to or returning from alarms.* Idaho had no fatalities and only one injury enroute to assignment.

Of the total 5,525 firefighters, this report reflects the activities of 1,899 volunteers, 930 paid and 1,408 paid per call firefighters who performed duties as fire department personnel during 2003. With 49 injuries reported, that is only .01% of the total personnel involved.

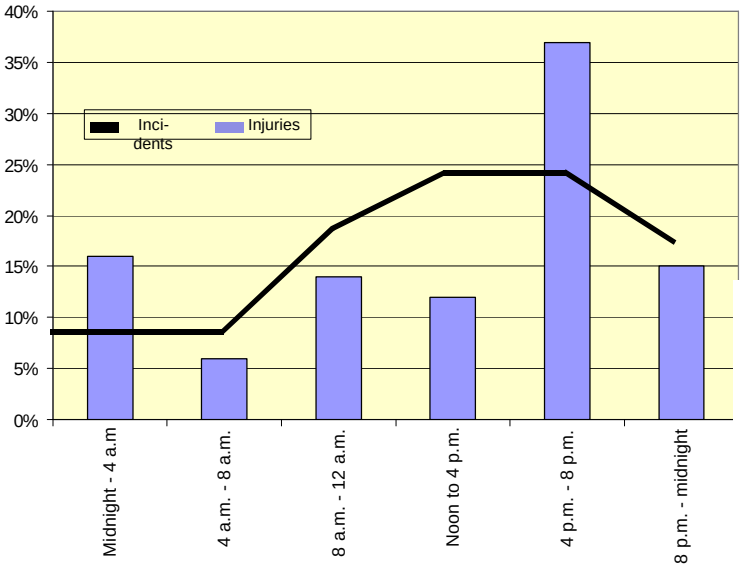
Injuries appear to be equal between volunteer (39%) and career fighters (43%). However, had the blank fields been completed it could have made a difference by 17%. A small number of females (10%) were injured. EMS calls continue to climb and the injuries to firefighters who are performing EMS activities were 21% of the total, up from last year.

**Incident Type*

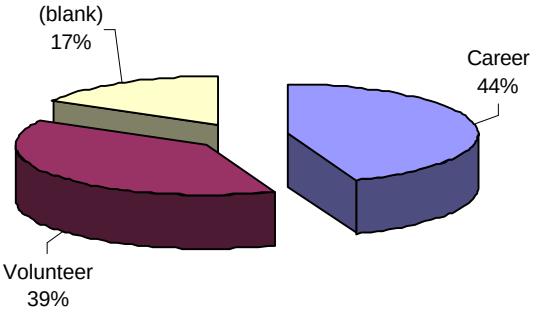


FF Fatality In the U.S.- 2003, National Fire Protection Association.

Firefighter Incidents and Injuries by Time of Day

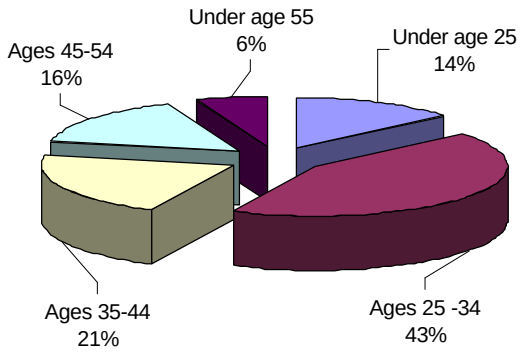


Volunteer vs. Career

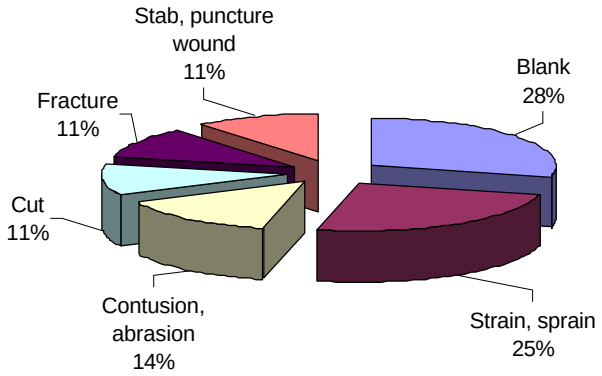


Firefighter Injuries and Fatalities

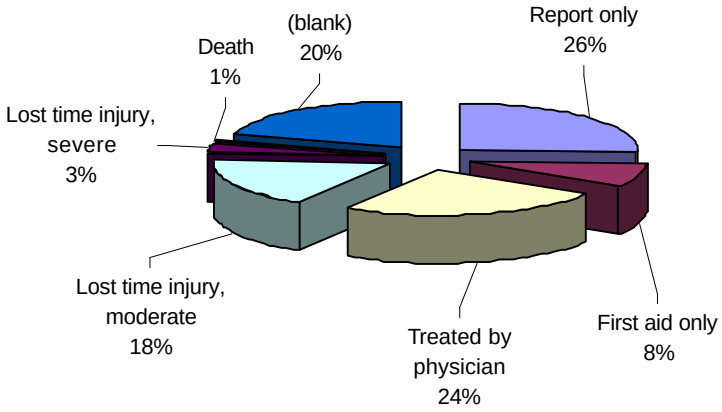
Injuries by Age



Primary Symptoms



Severity of Injuries

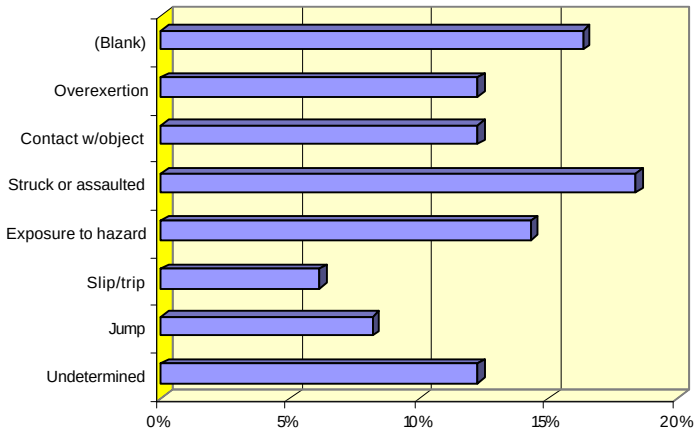


Fire departments are encouraged to use this module to document a health exposure to toxic substances or harmful physical agents that the person may encounter during the incident. They can be reported regardless of the presence of clinical signs and symptoms. They are treated as **report only** in the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

Activity at Time of Injury

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

Cause of Injuries



All Fires by Property Type

(No Mutual Aid Given)

Residential - 1,501
(single-family dwellings, apartments, mobile homes, hotels, motels, etc.)

Public and Mercantile - 379
(stores, restaurants, institutions, churches, public facilities, education, offices, etc.)

Industrial and Other Buildings - 588
(basic industry, manufacturing, residential garage, storage, vacant, under construction, unknown)

Outside and Other - 3,630
(dumpster, trash, wildland, grass, trees, etc.)

Fires by Property Type

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Outside and Other	3,630	59.5%	0:08	1:10	5.8	2.6	$4,858,445	11	2	8	0
Residential	1,501	24.6%	0:07	1:29	7.7	3.5	$12,743,508	57	6	7	0
Industrial and Other Buildings	588	9.6%	0:10	4:14	7.8	3.7	$9,550,128	3	2	8	0
Public and Mercantile	379	6.2%	0:05	1:20	6.8	3.1	$5,737,556	4	1	5	0
Total/Average	6,098	100.0%	0:07	1:33	6.5	3.0	$32,889,637	75	11	28	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	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Unintentional	1,717	34.2%	0:07	1:20	7.7	3.0	$11,862,677	31	4	6	0
* (blank)	1,466	29.2%	0:08	1:49	4.8	2.6	$104,757	2	0	5	0
Cause undetermined after investigation	804	16.0%	0:08	1:10	6.2	3.0	$3,084,043	7	0	5	0
Failure of equipment or heat source	578	11.5%	0:07	1:11	6.3	2.9	$3,801,567	9	2	4	0
Intentional	452	9.0%	0:07	1:00	6.7	2.7	$801,447	8	3	0	0

Heat Source

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

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
* (blank)	1,466	40.8%	0:08	1:49	4.8	2.6	$220,727	2	0	5	0
Undetermined	1,285	35.7%	0:08	1:45	6.5	3.0	$14,202,377	12	2	10	0
Arcing	300	8.3%	0:06	1:16	7.5	3.0	$2,905,337	3	0	3	0
Heat from powered equipment, other	285	7.9%	0:06	1:14	6.5	2.9	$2,111,730	8	4	0	0
Hot ember or ash	259	7.2%	0:09	1:25	7.4	3.3	$1,554,851	4	0	3	0

Item First Ignited

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

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
* (blank)	1,460	36.8%	0	0	5	3	100,677	2	0	5	0
Light vegetation - not crop, incl grass	1,203	30.3%	0	0	7	3	1,578,000	3	1	2	0
Undetermined	882	22.2%	0	0	7	3	14,669,312	14	2	7	0
Electrical wire, cable insulation	245	6.2%	0	0	6	3	1,331,745	3	1	0	0
Agricultural crop, incl fruits & vegetables	177	4.5%	0	0	8	4	1,244,625	0	0	0	0

Primary Factor Contibuting to Ignition

	Fires	%	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
* (blank)	4,038	55.93%	$7,264,007	24	1	22	0
None	683	9.46%	$4,465,051	1	1	0	0
Undetermined	318	4.40%	$6,228,432	2	1	0	0
Mechanical failure, malfunction, other	189	2.62%	$1,075,575	2	0	0	0

***Over 30% of the cause tables are left blank.**

Intentionally Set Fires - 452

Intentionally set fires were 8.3% of all fires. This number is lower than our neighboring state of Utah at 11%, but higher than Washington at 6%.

Grass fires comprise over half of all the incidents, but structure fires were the most devastating with 2 deaths, 3 injuries and property losses estimated at $541,525. Outside fires include crops, nursery stock, forest, woods, wildland and outside structures that include mailboxes.

The main area of origin for intentionally set fires in a structure is the bedroom, followed by the living room and crawl spaces. Cigarette lighters were the heat source in over 40% of the incidents.

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Grass Fires	233	51.5%	0:08	0:52	5.4	2.4	$17,100	3	0	0	0
Building Fires	57	12.6%	0:06	2:00	10.9	4.6	$541,525	3	2	0	0
Rubbish Fires	48	10.6%	0:05	0:45	6.4	2.2	$5,975	0	0	0	0
Outside Fires	80	17.7%	0:08	0:56	5.5	2.3	$119,245	1	0	0	0
Mobile Property	34	7.5%	0:06	0:42	6.4	2.3	$89,202	0	0	0	0
Total/Average	452	100.0%	0:07	1:00	6.3	2.6	$773,047	7	2	0	0

Intentionally set fires cost $773,047 in property losses during 2003

Submitted by Mountain Home Fire Department
Simplot Hay and Storage Shed - September 20, 2003

Juvenile Firesetters - 182

During 2003, fire departments documented 182 juvenile-set fires. A juvenile is defined as a person age 18 and under.

Area of Origin by Age

Area Origin	<5	5-10	10-12	>12
Highway	0.0%	0.0%	0.0%	80.0%
Open area	0.0%	33.3%	33.3%	0.0%
Bedroom	50.0%	33.3%	16.7%	0.0%
Below ground level	0.0%	0.0%	16.7%	20.0%
Outside area, other	0.0%	0.0%	33.3%	0.0%
Wall surface, exterior	0.0%	33.3%	0.0%	0.0%
Closet	50.0%	0.0%	0.0%	0.0%

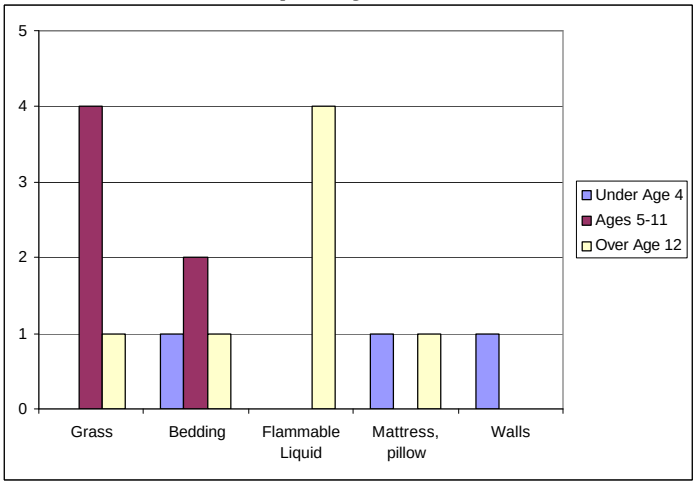
Fires Set by Time of Day

Time of Day	#	%	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Midnight - 4 a.m	27	14.8%	$301,850	1	0	0	0
4 a.m. - 8 a.m.	21	11.5%	$192,850	0	0	0	0
8 a.m. - 12 a.m.	24	13.2%	$177,700	0	0	1	0
Noon to 4 p.m.	42	23.1%	$828,726	0	0	1	0
4 p.m. - 8 p.m.	33	18.1%	$221,305	0	0	0	0
8 p.m. - midnight	35	19.2%	$1,796,275	5	0	0	0

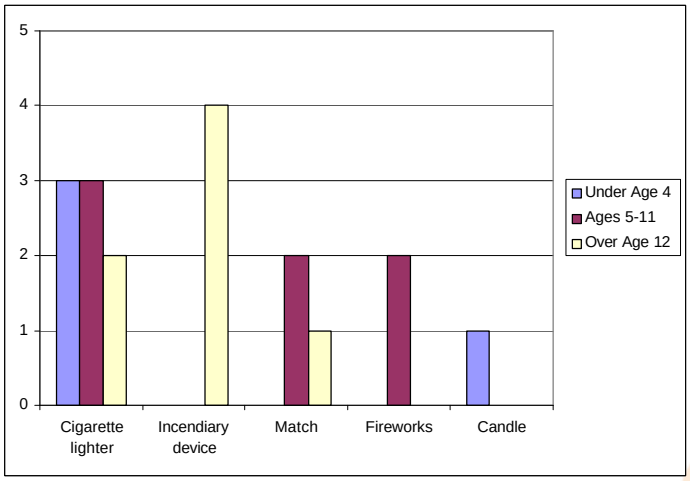
The most common area and source of ignition depend on the age group. The 1-4 year olds were in closets and bedrooms playing with matches and cigarette lighters. The 5-10 year olds started fires outside and in bedrooms with cigarette lighters and matches. The 10-12 year olds started grass fires with matches, cigarette lighters and fireworks. The over 12 year olds started fires on the highways using incendiary devices. Since only 8% of reports included age, the breakdowns could differ considerably had all incidents included ages. Thirty-seven percent of the incidents were coded as intentionally set.

The breakdown by age indicates the cigarette lighter as the main source of ignition for all ages. Children continue to set fires using lighters in spite of the federal law that requires childproofing. Novelty-type lighters and the ease of deactivating the childproofing make the ignition source attractive and functional to youths.

Top 5 by Area



Top 5 Heat Sources by Age



Wildland Fires

Wildland fires are any fires involving vegetative fuels that occur in the wildland or urban-wildland interface areas, including those fires that threaten or consume structures. Grass and crops are included as wildland vegetation. Fires caused by cigarettes consumed the most acres in wildland fires.

These following figures include only incidents submitted to us by city and rural fire departments around the state. They do not include any fires on Idaho Department of Lands, Forest Service, and BLM wildlands.

Submitted by Jeremy Haney
Canyon Creek Fire - August 11, 2003

Fire Cause	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	# Bldgs	# Bldgs Threatened	Total Acres
Undetermined	119	31.6%	0:06	0:52	5.0	2.8	$1,300	0	3	274
Incendiary	52	13.8%	0:05	0:50	5.0	2.8	$150	1	10	45
Equipment	40	10.6%	0:07	0:56	4.8	3.2	$13,400	0	1	141
Debris, vegetation burn	38	10.1%	0:07	1:17	4.9	2.9	$6,300	1	12	82
Open/outdoor fire	31	8.2%	0:08	1:02	4.6	2.9	$0	1	5	546
Other cause	30	8.0%	0:06	1:48	5.3	3.2	$11,000	0	1	636
Misuse of fire	29	7.7%	0:06	0:50	4.3	2.7	$475	0	4	35
Smoking	20	5.3%	0:06	0:48	5.2	2.7	$6,800	0	0	1,012
Natural source	15	4.0%	0:09	1:37	8.3	3.2	$600	0	4	78
Structure (exposure)	2	0.5%	0:11	3:25	6.0	5.0	$0	0	0	9
Total/Average	376	100.0%	0:06	1:02	5.1	2.9	$40,025	3	40	2,856

Top 10 Heat Source	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	# Bldgs	# Bldgs Threatened	Total Acres
Undetermined	126	40.3%	0:06	0:55	5.0	2.8	$1,300	0	2	291
Fireworks	39	12.5%	0:05	0:34	5.5	3.1	$200	0	7	16
Match	30	9.6%	0:06	0:36	3.8	2.4	$300	0	5	26
Flame/torch used for lighting	24	7.7%	0:06	1:00	4.6	2.7	$1,000	1	2	81
Hot ember or ash	23	7.3%	0:06	1:13	5.9	2.9	$5,650	0	8	14
Heat source: other	22	7.0%	0:08	0:57	3.0	2.3	$0	0	0	637
Spark, ember	13	4.2%	0:07	2:29	6.3	4.2	$14,050	0	1	56
Cigarette	13	4.2%	0:06	1:06	4.6	2.7	$6,325	0	0	1,010
Hot or smoldering object, other	12	3.8%	0:06	0:38	4.9	2.3	$50	0	1	5
Arcing	11	3.5%	0:09	1:21	5.7	2.9	$2,200	0	0	20

Area Type	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	# Bldgs	# Bldgs Threatened	Total Acres
Rural, farms >50 acres	98	26.1%	0:09	1:23	5.5	3.3	$29,225	0	4	1,964
Rural/urban	126	33.5%	0:05	0:38	4.0	2.6	$1,000	2	13	80
Urban/wildland interface	53	14.1%	0:07	1:57	8.2	4.0	$8,250	0	17	778
Urban, heavily populated	98	26.1%	0:04	0:38	4.3	2.3	$1,550	1	6	30
(blank)	1	0.3%	0:25	8:44	6.0	4.0	$0	0	0	5
Total/Average	376	100.0%	0:06	1:02	5.1	2.9	$40,025	3	40	2,856

Submitted by Timberlake FPD

Mobile Property Fires

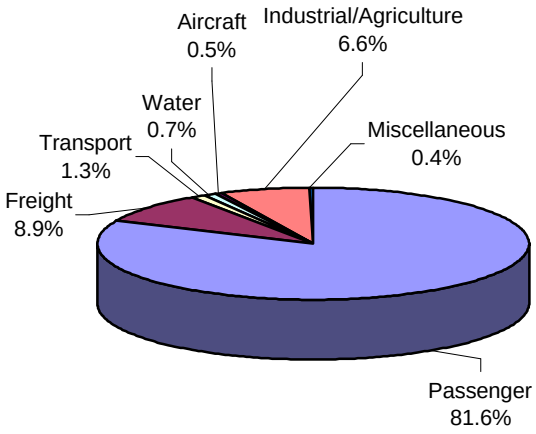
Vehicle Fires - 1,026
Estimates Losses - $3,129,379
Injuries - 13
Fatalities - 2

To determine the cause of a vehicle fire is often challenging. Area of origin, heat source, and item first ignited are determining factors, yet over half of the time they are coded as undetermined. Essential data such as year and model type are not required fields. Only when mobile property is involved in the ignition and the vehicle itself burns is the type and make required. Response times may be a factor in fire cause determination. Longer times indicate more undetermined incidents perhaps because of more complete combustion of the vehicle. Intentionally set fires only account for 3.3% of all mobile property fires reported in Idaho.

By Order of Frequency

- Cause - unknown
- Type - passenger vehicle
- Make - Ford
- Year – 1985 and 1986
- DOW - Friday
- Month - August
- Times - 3 p.m. and 5 p.m.
- Location - highways, parking lots and streets
- Counties - Ada, Canyon, and Kootenai

Mobile Property Type



Top Five

Area Origin	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Engine area	633	72.6%	0:06	0:37	5.4	2.3	$1,757,596	3	0	0	0
Operator/passenger area	96	11.0%	0:05	0:49	4.8	2.0	$138,260	1	0	0	0
Vehicle area, other	51	5.8%	0:07	1:06	5.3	2.7	$263,800	1	1	0	0
Undetermined	47	5.4%	0:11	1:13	5.3	2.4	$97,600	0	0	1	0
Cargo/trunk area - all vehicles	45	5.2%	0:06	1:00	5.3	2.3	$152,702	1	0	0	0

Ignition Causes	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Unintentional	361	36.6%	0:06	0:44	6.1	2.2	$1,534,530	6	2	0	0
Failure of equipment	300	30.5%	0:06	0:43	4.6	2.0	$702,469	1	0	0	0
Undetermined after investigation	214	21.7%	0:07	0:42	5.1	3.1	$566,253	0	0	1	0
Cause, other	60	6.1%	0:07	2:29	7.3	3.5	$131,525	0	0	0	0
Cause under investigation	50	5.1%	0:08	1:09	5.5	2.5	$99,900	0	0	0	0

Civilian Injuries and Fatalities

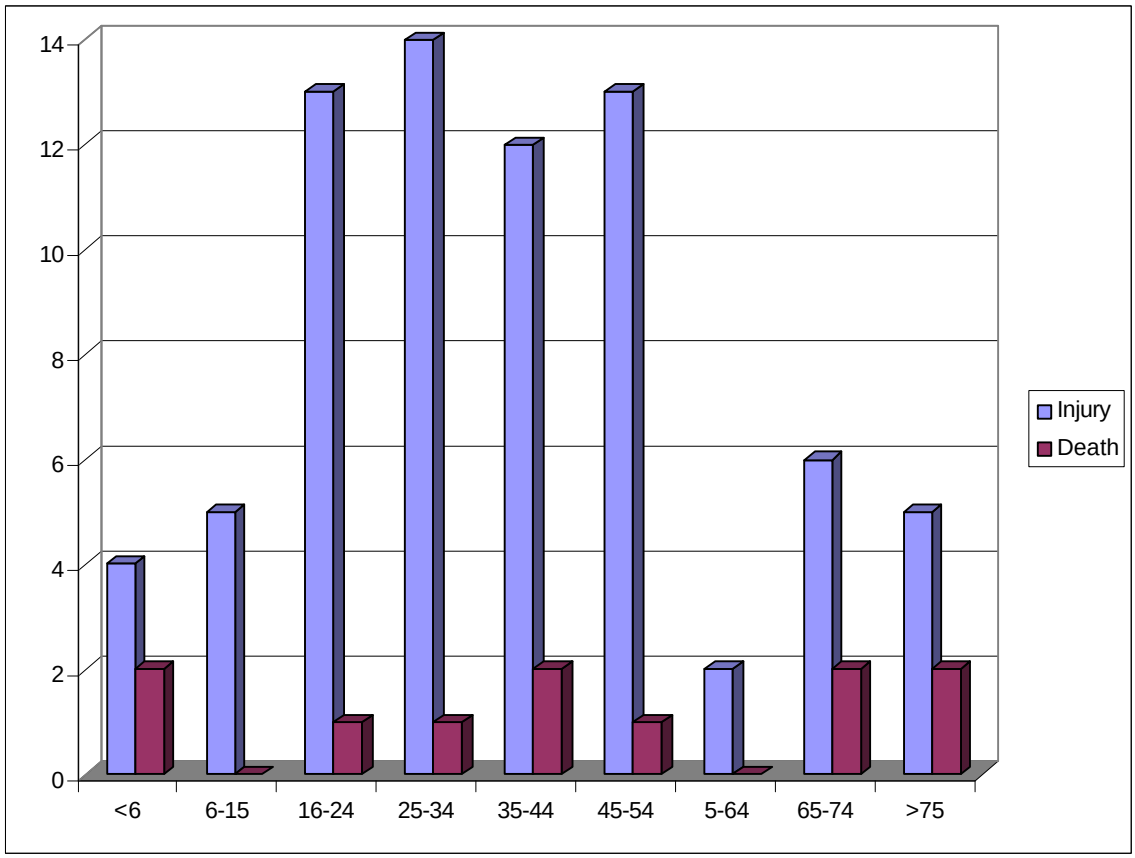
Of the known casualities due to fire, there were 11 deaths and 74 injuries, and 90% occurred in the home. Forty-nine percent were minor in severity and only 13% resulted in death. The majority of injuries occurred in ages 16-54.

11 Deaths
74 Injuries

The top causes of injuries were undetermined (28%), followed by heat from equipment (15%), radiated conducted heat (11.5%) and cigarette lighters (10.3%). Thirteen percent of deaths and injuries were due to intentionally set fires.

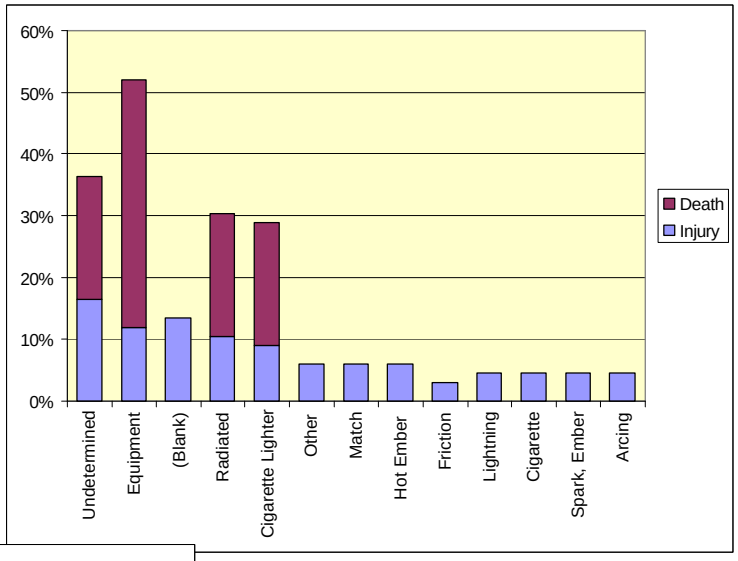
Were detectors present and operating? Twenty-seven percent had a detector present. The fatalities occurred where the smoke detector was not operating or present.

Deaths and Injuries by Age

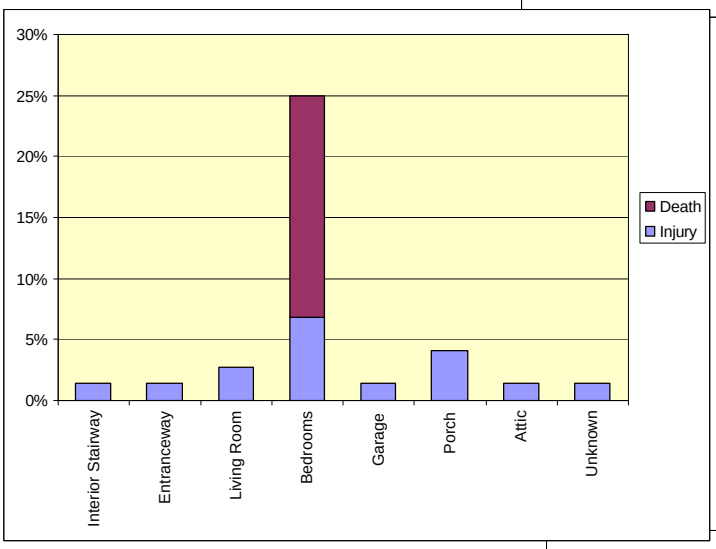


Civilian Injuries and Fatalities

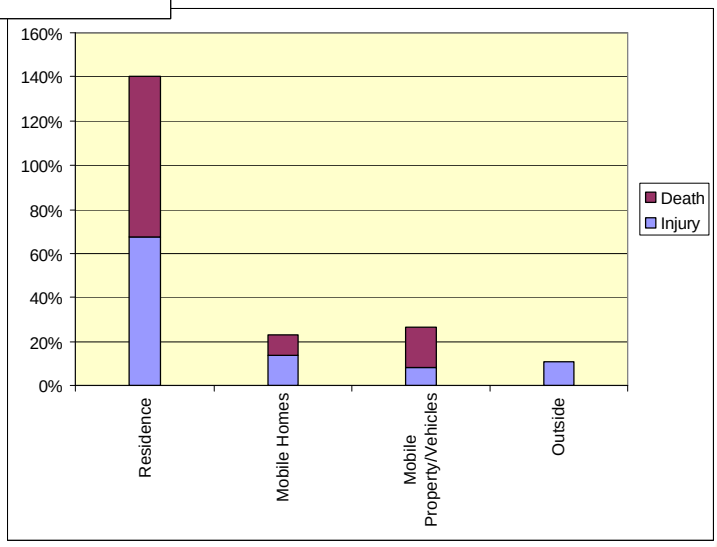
Injury/Death by Heat Source



Injury/Death by Area

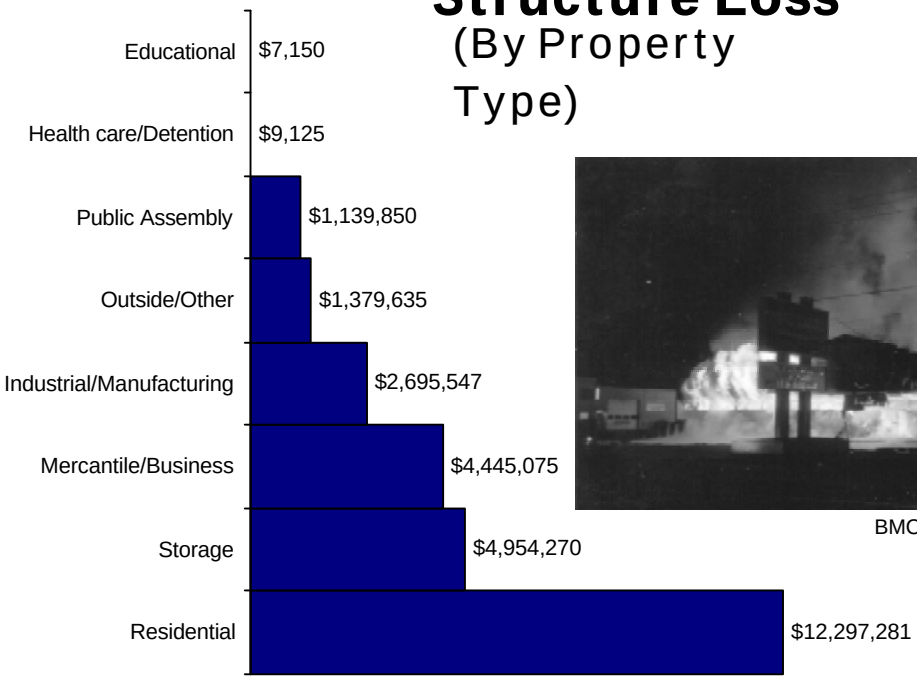


Injury/Death by Property Type



Structures/Residential

Structure Loss (By Property Type)



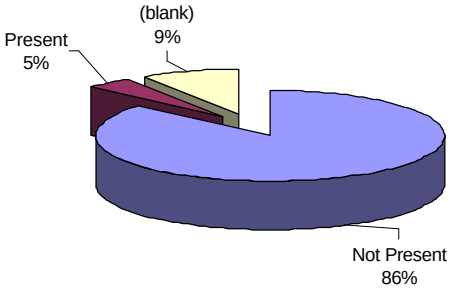
BMC West Fire - February 26, 2003

	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Residential	1,089	69.9%	0:06	1:43	8.6	3.9	$12,297,281	55	6	7	0
Public Assembly	44	2.8%	0:05	2:32	10.3	4.5	$1,139,850	0	0	1	0
Educational	17	1.1%	0:04	0:46	8.0	2.6	$7,150	0	0	0	0
Health care, Detention	15	1.0%	0:05	0:38	5.6	2.7	$9,125	0	0	0	0
Mercantile, Business	74	4.7%	0:05	3:17	10.2	5.1	$4,445,075	2	1	4	0
Industrial, Manufacturing	55	3.5%	0:07	3:41	9.9	4.7	$2,695,547	0	0	2	0
Storage	152	9.8%	0:08	2:06	9.8	4.5	$4,954,270	0	2	5	0
Outside, other	112	7.2%	0:09	1:44	7.3	3.2	$1,379,635	2	0	0	0

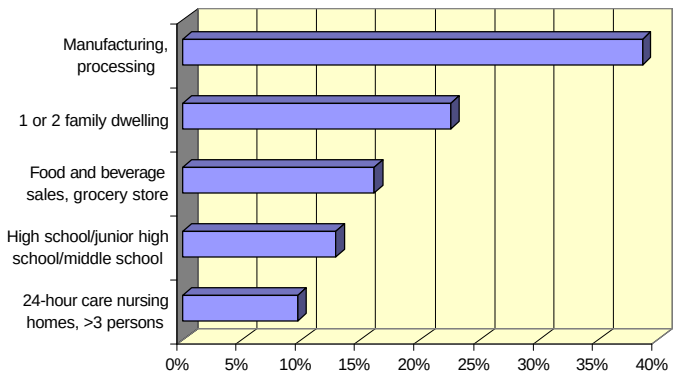
Automatic Extinguishing Systems (AES)

AES are effective when in the area of the fire's origin and properly maintained. For all structure fires, most extinguishing systems identified were either wet or dry pipe sprinklers (46%). AES were present in 5% of all structure fires, and they operated in 53% of the incidents. Of the 6 incidents where the AES failed to operate, most were not located in the area of the origin or the fire was too small to activate the AES. There were no injuries or deaths in fires where there were AES present and dollar loss was at a minimum.

AES Present



AES by Property Type



Fire Causes by Property Type
(Top 5)

Public Assembly Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Contained fire	15	44.1%	0:05	0:33	6.7	2.5	$600	0	0	0	0
Undetermined	9	26.5%	0:07	5:28	15.2	7.6	$785,550	0	0	1	0
Operating Equipment	4	11.8%	0:04	1:24	7.0	3.8	$60,200	0	0	0	0
Arcing	3	8.8%	0:04	1:15	9.7	5.7	$12,500	0	0	0	0
Powered equipment, other	3	8.8%	0:07	2:03	16.0	5.3	$136,000	0	0	0	0

Educational Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Contained fire	7	41.2%	0:05	0:34	9.0	3.3	$5,000	0	0	0	0
Powered equipment	4	23.5%	0:03	1:44	10.0	1.5	$2,000	0	0	0	0
Spark from operating equipment	2	11.8%	0:04	0:15	6.5	3.5	$0	0	0	0	0
Operating equipment, other	2	11.8%	0:06	0:19	3.5	2.0	$150	0	0	0	0
Arcing	1	5.9%	0:04	0:42	10.0	4.0	$0	0	0	0	0

Business/Mercantile Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	21	36.2%	0:04	5:25	12.7	6.9	$1,979,000	0	0	0	0
Heat from powered equipment	11	19.0%	0:04	3:09	9.6	5.7	$361,750	0	1	0	0
Arcing	7	12.1%	0:05	1:53	16.3	5.7	$634,400	2	0	3	0
Spark from operating equipment	7	12.1%	0:08	2:01	8.1	4.4	$268,700	0	0	1	0
Contained fire	6	10.3%	0:04	0:41	5.3	2.5	$30,250	0	0	0	0

Industrial/Manufacturing Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	12	27.9%	0:06	11:07	12.9	6.7	$2,003,017	0	0	2	0
Contained fire	9	20.9%	0:06	1:06	8.9	3.3	$1,000	0	0	0	0
Arcing	6	14.0%	0:07	0:30	7.2	2.5	$15,500	0	0	0	0
Chemical reaction	4	9.3%	0:06	0:56	10.3	5.5	$0	0	0	0	0
Operating equipment	4	9.3%	0:07	1:30	3.5	3.8	$70,530	0	0	0	0

Storage Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Undetermined	46	46.5%	0:09	3:03	9.3	4.9	$3,368,600	0	1	1	0
Hot ember or ash	15	15.2%	0:08	1:30	9.9	4.5	$358,550	0	0	2	0
Arcing	12	12.1%	0:08	1:49	7.4	3.8	$81,200	0	0	0	0
Contained fire	10	10.1%	0:05	0:43	8.4	3.4	$570	0	0	2	0
Open flame, smoking	8	8.1%	0:11	1:47	9.0	4.0	$79,000	0	0	0	0

Outside/Other Property

	Fires	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Contained fire	25	32.1%	0:08	0:19	5.7	2.2	$0	1	0	0	0
Undetermined	22	28.2%	0:08	4:12	7.7	3.3	$1,009,750	0	0	0	0
Hot ember or ash	14	17.9%	0:09	1:15	6.5	3.2	$40,550	0	0	0	0
Powered equipment, other	9	11.5%	0:12	2:25	9.8	5.3	$139,000	0	0	0	0
Arcing	8	10.3%	0:13	1:20	4.1	1.6	$25,000	0	0	0	0

Structures/Residential

Submitted by Bliss Fire Department

Most Deadly!

Residential Structure Fires - 1,089
Estimated Losses - $12,297,281
Injuries - 62
Deaths - 6

Structure fires, and more importantly, residential structure fires, are the most destructive of all fires.With estimated dollar loss figures and the number of deaths and injuries, the statistics clearly demonstrate the residential fire is the most devastating. These fires represent 70% of the total number of structure fires and 46% of the total dollars lost in structure fires and 94% of all injuries. Residential structure fires increased by 8% from 2002, but the average dollar loss per residential structure fire was less.

Residential Fires by Time of Day

Time of Day	#	%	Resp Time	Dur	Per	App	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Midnight - 4 a.m.	95	8.7%	0:07	2:22	7.7	3.9	$1,893,620	8	0	0	0
4-8 a.m.	108	9.9%	0:08	2:14	9.3	4.1	$1,230,014	4	1	2	0
8 a.m. to noon	178	16.3%	0:06	1:40	8.4	3.7	$1,569,195	4	2	1	0
Noon to 4 p.m.	234	21.5%	0:06	1:35	9.3	3.9	$3,540,325	9	1	0	0
4 to 8 p.m.	282	25.9%	0:06	1:17	8.3	3.7	$2,108,971	14	2	1	0
8 p.m. to midnight	192	17.6%	0:06	1:56	8.5	4.1	$1,955,156	16	0	3	0

It Pays to Keep the Lid on!

There were only 4% of fires that spread beyond the building. The rest were confined to the building, floor, room or object of origin. Working detectors can make a difference. Fires that do not escape the container or do not cause flame damage beyond the container are called “contained fires.” Fire departments only complete abbreviated reports for these types of incidents, thus there are no ignition factors available. Examples include fires in chimneys, waste containers, cooking utensils, fuel burners, boilers, rubbish, etc. They show flames, but cause no flame damage outside the container. This type of fire accounted for 34% of all residential fires and resulted in $49,920 in damages or .4% of the losses for all residential fires.

Top Known Causes of Home Fires

- **Cooking**
- **Heating**
- **Electrical**
- **Equipment Involved? Stove top and clothes dryer**

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

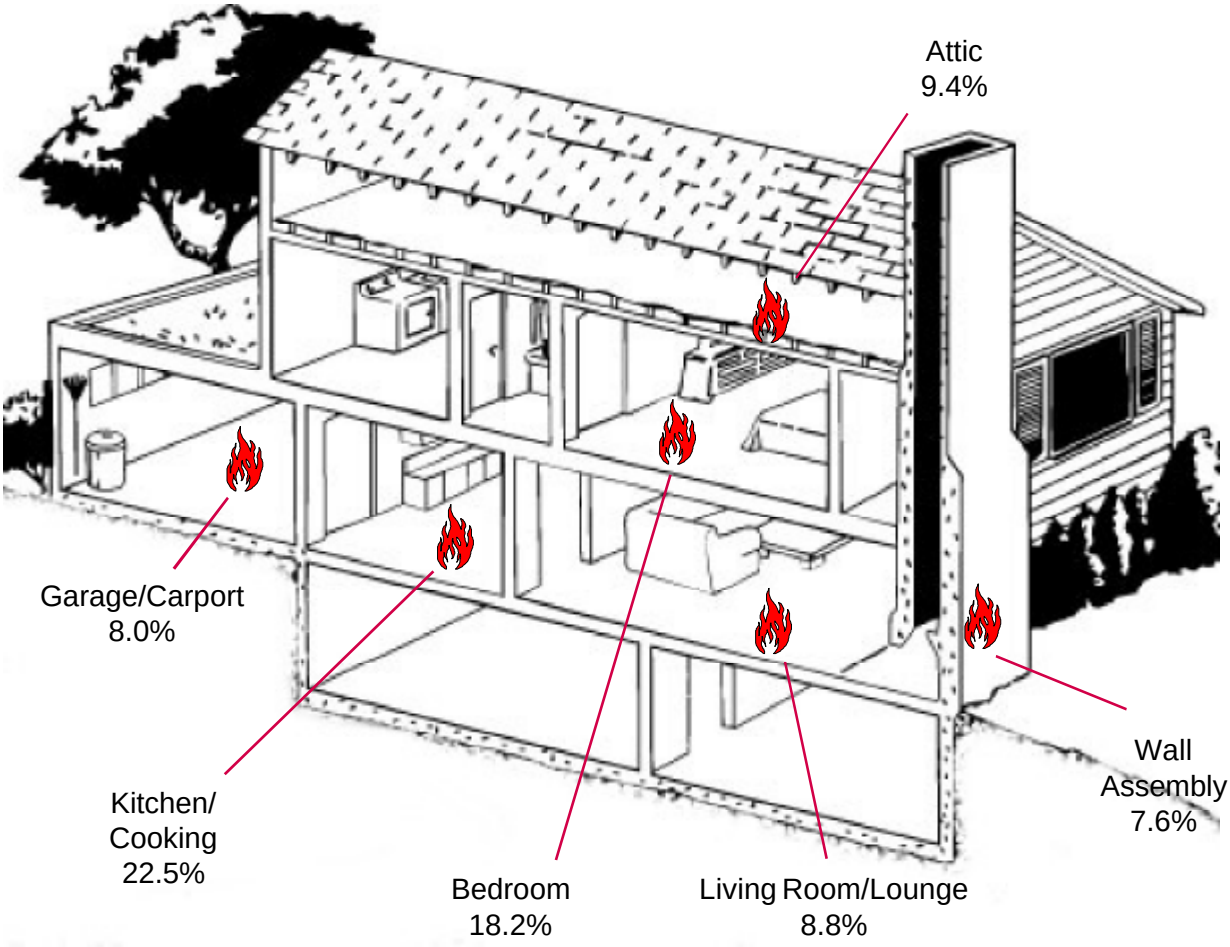
Are Mobile/Manufactured Homes Safer Today?

Mobile home building standards have changed dramatically since the ‘70s. The number of fires has decreased since the late ‘90s by almost half, but the dollar losses have increased and injuries and fatalities continue to climb.

Most Frequent Areas of Origin for Residential Structure Fires

Top Five Causes by Area

Cooking Area – Stoves, other appliances, undetermined
Bedroom – Candle, undetermined, cigarette lighter
Attic – Electrical, radiated heat, hot smoldering object (other electrical)
Living Room/Lounge – Undetermined, hot ember or ash, candle
Garage/Carport – Undetermined, electrical, other electrical equipment



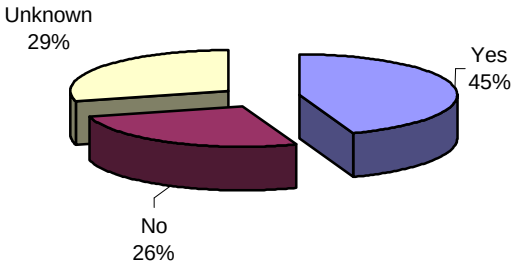
Top 6 by Area

Area Origin	#	%	Resp Time	Duration	Staff	Apparatus	$Loss	Civ Inj	Civ Fatal	FS Inj	FS Fatal
Cooking area, kitchen	110	22.5%	0:05	1:25	9.6	4.1	$1,258,310	10	1	1	0
Bedroom	89	18.2%	0:05	2:23	10.2	4.9	$1,319,014	7	2	1	0
Attic	46	9.4%	0:08	2:24	9.6	4.2	$891,380	0	0	0	0
Living Room/Lounge	43	8.8%	0:06	3:05	10.5	4.1	$542,900	7	0	0	0
Garage/carport	39	8.0%	0:06	3:13	9.6	5.2	$835,750	3	0	1	0
Wall assembly	37	7.6%	0:07	1:52	9.5	3.8	$735,750	1	0	1	0

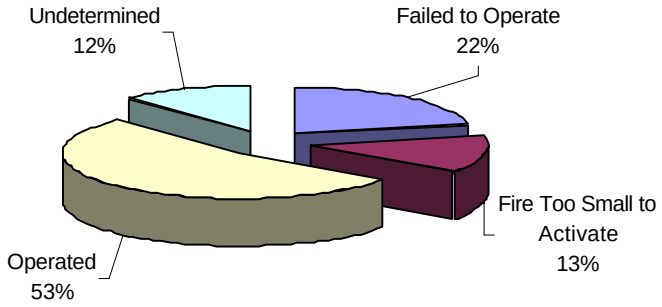
Structures/Residential

Detectors and sprinklers do work! Of the known 190 incidents where there were working detectors, there were 5 injuries and no deaths. Automatic Extinguishing Systems work well. Of the 9 incidents where they were present, there were **no injuries or deaths** and **dollar losses were at a minimum**.

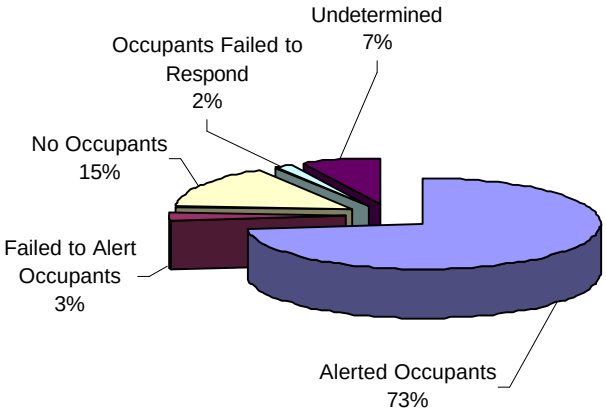
Detectors Present



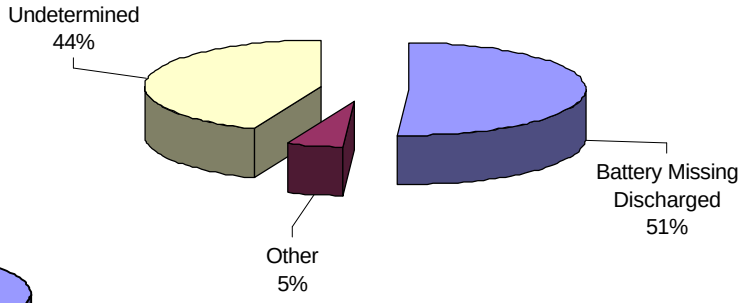
Detectors Operation When Present



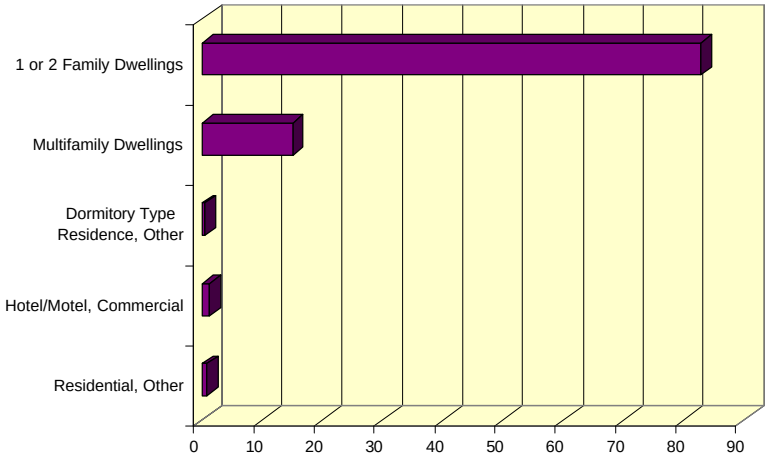
Detectors Effective When Present



Detectors Failure When Present



Detectors Present by Property Type



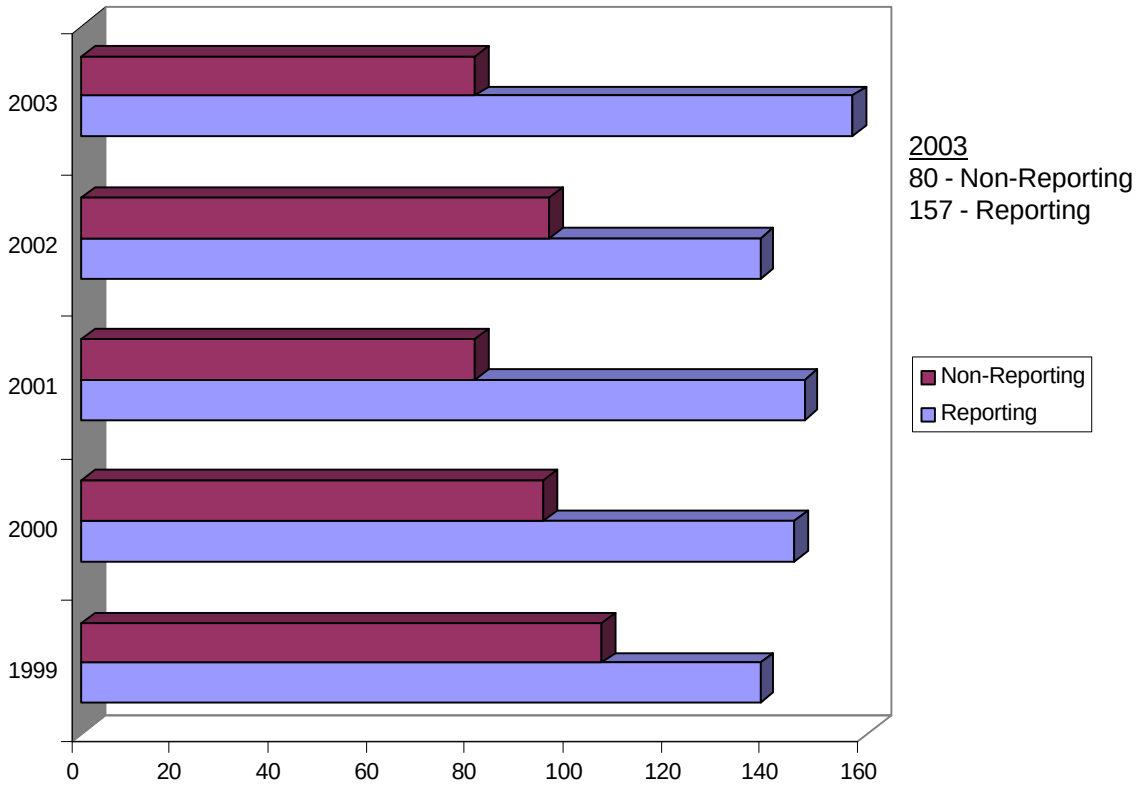
Participants

The following is a listing of fire department responses submitted to the Idaho Fire Incident Reporting System (IFIRS) during 2003. Totals are inclusive of all reports received by April 1, 2004.

We wish to extend a very special thanks to those departments which are currently participating in the incident reporting system. Congratulations to these 12 counties with participation at 100%: Ada, Bear Lake, Bonneville, Butte, Canyon, Franklin, Gooding, Jerome, Kootenai, Madison, Minidoka and Teton.

This annual report is the compilation of the information that we have received from reporting departments. Without the input from each of the individual fire departments, this report would not be possible. We appreciate all of their support. If any fire department is interested in participating in IFIRS, please call (208) 334-4373.

Participating and Non-Participating Departments



FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
01100	BOISE FD	193,085	744	42	10484	381	485	808	1,436	6	21	14,407	25.90%	$918,161	13	0	6	0
01344	EAGLE FPD	19,000	105	2	59	29	29	75	96		2	397	0.70%	$283,000	1	0	0	0
01246	KUNA FD	7,386	102		408	10	60	62	46			688	1.20%	$705,700	0	0	2	0
01313	MERIDIAN FD	54,000	168	2	1425	62	94	408	170			2,329	4.20%	$540,400	1	0	0	0
01236	NORTH ADA CO. F&R	12,000	192	8	41	39	42	132	171	1		626	1.10%	$31,300	1	0	0	0
01342	STAR FD	5,500	87		3	9	3	3	29		1	135	0.20%	$15,500	0	0	0	0
01	**ADA COUNTY**	**290,971**	**1,398**	**54**	**12,420**	**530**	**713**	**1,488**	**1,948**	**7**	**24**	**18,582**	**33.30%**	**$2,494,061**	**16**	**0**	**8**	**0**
03320	COUNCIL VFD	1,500	6		2		22	1	4			35	0.10%	$0	0	0	0	0
03334	INDIAN VALLEY RFD	500	5					2				7	0.00%	$0	0	1	0	0
03340	MEADOWS VALLEY RFD	No report																
03	**ADAMS COUNTY**	**2,000**	**11**	**0**	**2**	**0**	**22**	**3**	**4**	**0**	**0**	**42**	**0.10%**	**$0**	**0**	**1**	**0**	**0**
05322	ARIMO FD	No report																
05207	CHUBBUCK FD	20,000	54			17	5	10	7	1	3	97	0.20%	$3,000	1	0	1	0
05326	DOWNEY FD	No report																
05328	INKOM FD	No report																
05329	LAVA HOT SPRINGS FD	1,500	12		1	6	4	8	6			37	0.10%	$305,300	0	0	0	0
05340	MCCAMMON FD	No report																
05101	POCATELLO CITY FD	51,442	180	6	1844	131	64	190	92	2	5	2,514	4.50%	$887,077	3	0	1	0
05331	POCATELLO VALLEY FD	No report																
05	**BANNOCK COUNTY**	**72,942**	**246**	**6**	**1,845**	**154**	**73**	**208**	**105**	**3**	**8**	**2,648**	**4.80%**	**$1,195,377**	**4**	**0**	**2**	**0**
07343	BENNINGTON FD	2,300	20			1	20					41	0.10%	$5,950	0	0	0	0
07335	DINGLE FD	100	2									2	0.00%	$5,000	0	0	0	0
07341	FISH HAVEN FD	100	4			1	1	1				7	0.00%	$0	0	0	0	0
07339	GENEVA FD	100	1									1	0.00%	$0				
07337	GEORGETOWN FD	538	5				2		1			8	0.00%	$12,950	0	0	0	0
07301	MONTPELIER CITY FD	2,900	6			3		4	4			17	0.00%	$30,000	0	0	0	0
07344	NOUNAN FD	50	0				1					1	0.00%	$0	0	0	0	0
07336	OVID FD	100	12				3					15	0.00%	$5,000	0	0	0	0
07334	PARIS FD	576	3									3	0.00%	$8,000	0	0	0	0
07338	PEGRAM FD	100	1									1	0.00%	$39,000	0	0	0	0
37342	ST. CHARLES FD	156	6									6	0.00%	$68,500	0	0	0	0
07	**BEAR LAKE COUNTY**	**7,020**	**60**	**0**	**0**	**5**	**27**	**5**	**5**	**0**	**0**	**102**	**0.10%**	**$174,400**	**0**	**0**	**0**	**0**
09330	FERNWOOD RFPD	No report																
09302	PLUMMER-GATEWAY FD	2,500	29	1	41	12	6	22	2		1	114	0.20%	$43,000	0	0	0	0
09366	ST MARIES FPD	No report																
09335	TENSED FPD	No report																
09	**BENEWAH COUNTY**	**2,500**	**29**	**1**	**41**	**12**	**6**	**22**	**2**	**0**	**1**	**114**	**0.20%**	**$43,000**	**0**	**0**	**0**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
11303	ABERDEEN FD	No report																
11360	ATOMIC CITY FD	No report																
11101	BLACKFOOT CITY FD	26,000	180	4	1	34	65	31	69	2	20	406	0.70%	$316,026	0	0	0	0
11357	FIRTH FD	5,000	53		25	3	3	5	6		1	96	0.20%	$10,400	0	0	0	0
11334	FORT HALL	No report																
11355	SHELLEY FD	3,744	28		23	7			4			62	0.10%	$51,000	0	0	0	0
11	**BINGHAM COUNTY**	**34,744**	**261**	**4**	**49**	**44**	**68**	**36**	**79**	**2**	**21**	**564**	**1.00%**	**$377,426**	**0**	**0**	**0**	**0**
13302	BELLEVUE CITY FD	1,876	12			5	7	3	3			30	0.10%	$0	0	0	0	0
13354	CAREY RFPD	No report																
13301	HAILEY CITY FD	75,000	41	2	260	57	19	18	36			433	0.80%	$15,270	0	0	0	0
16203	KETCHUM FD	11,200	47	11	481	41	49	47	140		1	817	1.50%	$532,270	2	0	3	0
13306	SUN VALLEY FD	1,000	7	1	33	7	3	6	33			90	0.20%	$0	0	0	0	0
13334	WOOD RIVER FPD	15,000	4	1	573	2	36	42	9			667	1.20%	$1,140	0	0	0	0
13	**BLAINE COUNTY**	**104,076**	**111**	**15**	**1,347**	**112**	**114**	**116**	**221**	**0**	**1**	**2,037**	**3.80%**	**$548,680**	**2**	**0**	**3**	**0**
15309	CENTERVILLE FD	300	2									2	0.00%	$0	0	0	0	0
15330	CLEAR CREEK VFD	400	2									2	0.00%	$215,000				
15311	GARDEN VALLEY FD	400	12		6	12	2	9	1			42	0.10%	$47,500	0	0	0	0
15320	GRANDJEAN VFD	No report																
15315	HORSESHOE BEND FD	No report																
15345	HORSESHOE BEND RFD	No report																
15324	IDAHO CITY VFD	No report																
15342	LOWMAN FD	350	4									4	0.00%	$5,600	0	0	0	0
15301	PLACERVILLE FD	No report																
15313	ROBIE CREEK FD	No report																
15335	VALLEY OF THE PINES FD	No report																
15340	WILDERNESS RANCH VFD	300	9		17	1	2		1	1		31	0.10%	$3,000	0	0	0	0
15	**BOISE COUNTY**	**1,750**	**29**	**0**	**23**	**13**	**4**	**9**	**2**	**1**	**0**	**81**	**0.20%**	**$271,100**	**0**	**0**	**0**	**0**
17314	CLARK FORK VFD	No report																
17344	COOLIN-CAVANAUGH BAY PD	300	3			2						5	0.00%	$8,000	0	0	0	0
17316	HOPE EAST HOPE FD	No report																
17333	NORTHSIDE FPD	2,500	55	1	4	66	7	19	17			169	0.30%	$1,120,000	0	0	0	0
17303	PRIEST RIVER CITY FD	2,000	11		1	7	2	2		1	2	26	0.00%	$158,750	0	1	0	0
17341	SAGLE FD	5,700	66	1	187	7	15	30	23		2	331	0.60%	$590,700	0	0	1	0
17360	SAM OWEN FD	50	6					1	1			8	0.00%	$1,500	0	0	0	0
17201	SANDPOINT FD	7,000	34		259	21	25	12	42		1	394	0.70%	$300	0	0	0	0
17349	SCHWEITZER FD	1,000	1		10	1	2	1	9			24	0.00%	$100	0	0	0	0
17337	WEST PEND OREILLE FD	2,000	31		4	2	16	11	5		1	70	0.10%	$389,500	0	0	0	0
17319	WEST PRIEST LAKE FD	600	6					1				7	0.00%	$8,000	1	0	0	0
17335	WESTSIDE FPD	4,497	10		12	2	8	11	1	1		45	0.10%	$107,020	1	0	0	0
17	**BONNER COUNTY**	**25,647**	**223**	**2**	**477**	**108**	**75**	**88**	**98**	**2**	**6**	**1,079**	**1.80%**	**$2,383,870**	**2**	**1**	**1**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
19315	AMMON FD	8,700	3			3	1					7	0.00%	$2,000	0	0	0	0
19101	IDAHO FALLS FD	82,522	341	12	21	132	36	72	206		4	824	1.50%	$2,408,562	3	2	0	0
19340	GREATER SWAN VALLEY	700	9		3	1		5	2			20	0.00%	$0	0	0	0	0
19317	UCON FD	943	1			1	1	4				7	0.00%	$0	0	0	0	0
19	**BONNEVILLE COUNTY**	**92,865**	**354**	**12**	**24**	**137**	**38**	**81**	**208**	**0**	**4**	**858**	**1.50%**	**$2,410,562**	**3**	**2**	**0**	**0**
21301	BONNERS FERRY FD	2,515	11			5	11	22	7			56	0.10%	$25,000	1	0	0	0
21333	CURLEY CREEK FPD	1,200	17			2	1		4		1	25	0.00%	$128,000	0	0	0	0
21344	HALL MOUNTAIN FD	1,200	17		1	4	2	2	1			27	0.00%	$98,500	0	0	0	0
21315	MOYIE SPRINGS FD	No report																
21341	NORTH BENCH FD	1,000	18		6	3		10	3			40	0.10%	$297,000	0	0	0	0
21348	PARADISE VALLEY FD	1,000	35		1	4	1					41	0.10%	$1,013,000	0	0	0	0
21346	SOUTH BOUNDARY FD	1,200	32		1	18		7	5			63	0.10%	$110,300	0	0	0	0
21	**BOUNDARY COUNTY**	**8,115**	**130**	**0**	**9**	**36**	**15**	**41**	**20**	**0**	**1**	**252**	**0.40%**	**$1,671,800**	**1**	**0**	**0**	**0**
23316	ARCO FD	1,029	4		9	3						16	0.00%	$74,000	0	0	1	0
23341	LOST RIVER FD	500	17			3		1				21	0.00%	$140,000	0	0	0	0
23	**BUTTE COUNTY**	**1,529**	**21**	**0**	**9**	**6**	**0**	**1**	**0**	**0**	**0**	**37**	**0.00%**	**$214,000**	**0**	**0**	**1**	**0**
25334	FAIRFIELD FD	No report																
25340	WEST MAGIC FPD	No report																
25	**CAMAS COUNTY**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00%**	**$0**	**0**	**0**	**0**	**0**
27211	CALDWELL CITY FD	33,000	190	4	1074	46	107	190	145			1,756	3.20%	$740,888	6	1	0	0
27246	CALDWELL RFD	19,000	44		145	5	7	37	13			251	0.50%	$181,425	0	0	0	0
27344	MELBA RFPD	3,000	35		3	2	2	5	8			55	0.10%	$124,100	0	0	0	0
27336	MIDDLETON FPD	3,235	107		259	6	11	48	14			445	0.80%	$177,650	0	0	0	0
27101	NAMPA FD	82,000	285	5	3019	133	365	936	385	3	4	5,135	9.20%	$434,180	7	0	12	0
27309	NOTUS CITY FD	500	22			1	1	3	2			29	0.10%	$0	0	0	0	0
27338	PARMA FPD	4,000	67		12	2	2	18	7			108	0.20%	$3,000	0	1	0	0
27109	SOUTHWEST RHT	0			2	9		1				12		$0				
27339	UPPER DEER FLAT FD	2,250	33			2			7			42	0.10%	$129,000	0	0	0	0
27307	WILDER CITY FD	1,500	37	1	124		7	6	2			177	0.30%	$108,500	0	0	1	0
27	**CANYON COUNTY**	**148,485**	**820**	**10**	**4,638**	**206**	**502**	**1,244**	**583**	**3**	**4**	**8,010**	**14.50%**	**$1,898,743**	**13**	**2**	**13**	**0**
29306	BANCROFT FD	400	6									6	0.00%	$0	0	0	0	0
29305	CARIBOU COUNTY FD	2,700	3					1				4	0.00%	$12,000	0	0	0	0
29309	GRACE FD	No report																
29301	SODA SPRINGS CITY FD	No report																
29	**CARIBOU COUNTY**	**3,100**	**9**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**10**	**0.00%**	**$12,000**	**0**	**0**	**0**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
31343	ACE FIRE PROTECTION UNIT	500	1									1	0.00%	$10,000	0	0	0	0
31342	ALBION FPD	No report																
31201	BURLEY CITY/N CASSIA RFPD	19000	95	1	2	15	12	30	23			178	0.30%	$574,525	2	0	1	0
31340	OAKLEY FD	668	9			1	2					12	0.00%	$39,925	0	0	0	0
31338	RAFT RIVER FPD	500	17			1	1					19	0.00%	$113,500	0	0	0	0
31	**CASSIA COUNTY**	**20,668**	**122**	**1**	**2**	**17**	**15**	**30**	**23**	**0**	**0**	**210**	**0.30%**	**$737,950**	**2**	**0**	**1**	**0**
33329	DUBOIS CITY FD	No report																
33	**CLARK COUNTY**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00%**	**$0**	**0**	**0**	**0**	**0**
88172	CLEARWATER POTLATCH TPA	5,000	33									33	0.10%	$5,310	0	0	0	0
35301	ELK RIVER FD	No report																
35341	EVERGREEN VFD	300	1									1	0.00%	$0				
35340	GREER FD	No report																
35303	OROFINO CITY FD	3,247	28	3	15	1	4	12	16			79	0.10%	$120,750	1	0	0	0
35309	PIERCE FD	700	13			1		1				15	0.00%	$434,200	0	0	0	0
35338	SUNNYSIDE FPD	425	11			1		2				14	0.00%	$0	0	0	2	0
35305	TWIN RIDGE FD	500	3									3	0.00%	$0	0	0	0	0
35312	WEIPPE RFD	416						1				1	0.00%	$0	0	0	0	0
35	**CLEARWATER COUNTY**	**10,588**	**89**	**3**	**15**	**3**	**4**	**16**	**16**	**0**	**0**	**146**	**0.20%**	**$560,260**	**1**	**0**	**2**	**0**
37315	CLAYTON FD	No report																
37305	MACKAY FD	566	3		1							4	0.00%	$0	0	0	0	0
37334	NORTH CUSTER FPD	1,200	10		11		2	3				26	0.00%	$0	0	0	0	0
37354	SOUTH CUSTER RFPD	1,400	12		1	5						18	0.00%	$25,000	0	0	0	0
37301	STANLEY CITY FD	500	4		21	1			2		1	29	0.10%	$0	0	0	0	0
37	**CUSTER COUNTY**	**3,666**	**29**	**0**	**34**	**6**	**2**	**3**	**2**	**0**	**1**	**77**	**0.10%**	**$25,000**	**0**	**0**	**0**	**0**
39338	ATLANTA RFD	40	2			1						3	0.00%	$0	0	0	0	0
39303	GLENN'S FERRY FPD	No report																
39301	MOUNTAIN HOME CITY FD	14,000	33	1		10	9	7	13			73	0.10%	$99,470	0	0	0	0
39334	MOUNTAIN HOME FPD	2,000	96	2	2	4	16	18	8			146	0.30%	$364,400	2	2	0	0
39	**ELMORE COUNTY**	**16,040**	**131**	**3**	**2**	**15**	**25**	**25**	**21**	**0**	**0**	**222**	**0.40%**	**$463,870**	**2**	**2**	**0**	
41301	FRANKLIN CO FD	12,000	30	1	24	6	7	19	2			89	0.20%	$314,000	3	0	0	0
41	**FRANKLIN COUNTY**	**12,000**	**30**	**1**	**24**	**6**	**7**	**19**	**2**	**0**	**0**	**89**	**0.20%**	**$314,000**	**3**	**0**	**0**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
43334	ISLAND PARK FPD	No report																
43336	NORTH FREMONT FPD	5,000	16		1	1	3					21	0.00%	$3,000	0	0	0	0
43312	ST ANTHONY/S FREMONT FD	No report																
43	**FREMONT COUNTY**	**5,000**	**16**	**0**	**1**	**1**	**3**	**0**	**0**	**0**	**0**	**21**	**0.00%**	**$3,000**	**0**	**0**	**0**	**0**
45301	EMMETT CITY VFD	5,490	35	3	1	17	7	6	12	4		85	0.20%	$733,500	0	0	0	1
45334	GEM COUNTY FPD #1	No report																
45339	GEM COUNTY FPD #2	No report																
45	**GEM COUNTY**	**5,490**	**35**	**3**	**1**	**17**	**7**	**6**	**12**	**4**	**0**	**85**	**0.20%**	**$733,500**	**0**	**0**	**0**	**1**
47341	BLISS FD	400	23		24	2	3	13	2		3	70	0.10%	$30,450	0	0	0	0
47301	GOODING CITY/RURAL FD	5,700	69		46	15	23	32	25	1		211	0.40%	$352,000	0	0	0	0
47323	HAGERMAN FD	1,800	32		9	5	8	6	1			61	0.10%	$71,500	0	0	0	0
47335	WENDELL FPD	6,000	103	1	33	33	10	33	17		1	231	0.40%	$910,000	0	0	1	0
47	**GOODING COUNTY**	**13,900**	**227**	**1**	**112**	**55**	**44**	**84**	**45**	**1**	**4**	**573**	**1.00%**	**$1,363,950**	**0**	**0**	**1**	**0**
49352	BPC FD	648	7									7	0.00%	$100,000	0	0	1	0
49340	CARROT RIDGE VFD	No report																
49335	COTTONWOOD CITY FD	944	7		2			1				10	0.00%	$200	0	0	0	0
49335	COTTONWOOD RFPD	100	9			1		1	2			13	0.00%	$0	0	0	0	0
49316	ELK CITY FD	No report																
49327	FERNINAND CITY/RURAL FD	No report																
49308	GRANGEVILLE CITY/RURAL FD	No report																
49330	KOOSKIA FD	3,000	23			1			1	1		26	0.00%	$19,900	1	0	2	0
49336	RIDGERUNNERS VFPD	No report																
49350	RIGGINS CTY/RURAL FD	410	4									4	0.00%	$200,000	0	0	0	0
49338	SALMON RIVER RFPD	700	19			1	4	4	1			29	0.10%	$40,000	0	0	0	0
49370	SECESH MEADOWS FD	100	0	0	0	0								$0				
49329	STITES FD	No report																
49311	WHITEBIRD FD	No report																
49	**IDAHO COUNTY**	**5,902**	**69**	**0**	**2**	**3**	**4**	**6**	**4**	**1**	**0**	**89**	**0.10%**	**$360,100**	**1**	**0**	**3**	**0**
51334	CENTRAL FPD	5,000	111	1		7	4	9	2			134	0.20%	$651,250	3	0	5	0
51337	HAMER FPD	No report																
51314	ROBERTS FD	No report																
51340	WEST JEFFERSON FPD	No report																
51	**JEFFERSON COUNTY**	**5,000**	**111**	**1**	**0**	**7**	**4**	**9**	**2**	**0**	**0**	**134**	**0.20%**	**$651,250**	**3**	**0**	**5**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
53353	FIRST SEGREGATION FD	1,089	39		15	4	19	36	9		1	123	0.20%	$66,250	0	0	0	0
53201	JEROME CITY FD	8,100	43	3	460	168	27	43	42			786	1.40%	$138,750	0	0	0	0
53333	JEROME RURAL FD	6,500	159	3	15	67	16	27	4			291	0.50%	$881,100	0	0	0	0
53	**JEROME COUNTY**	**15,689**	**241**	**6**	**490**	**239**	**62**	**106**	**55**	**0**	**1**	**1,200**	**2.10%**	**$1,086,100**	**0**	**0**	**0**	**0**
55201	COEUR D'ALENE FD	36,000	224	7	5087	106	182	183	246	2	13	6,050	10.90%	$320,062	1	0	0	0
5536	EAST SIDE FD	2,000	4		7	12	13	14	13	1	1	65	0.10%	$0	0	0	0	0
55346	HAUSER LAKE FD	2,000	41		53	7	4	13	8			126	0.20%	$4,000	0	0	0	0
55209	KOOTENAI CO HAZ MAT #1	0	0			12	35					47	0.10%	$95,000	0	0	0	0
55234	KOOTENAI COUNTY F&R	31,893	250	4	1873	228	195	461	98	1	2	3,112	5.60%	$851,558	5	0	2	0
55354	MICA-KIDD ISLAND FPD	1,674	23	1	24	5	2	2	12		1	70	0.10%	$0	0	0	0	0
55342	NORTHERN LAKES FPD	28,000	148	4	1029	38	56	100	66	3	2	1,446	2.60%	$293,240	0	0	0	0
55338	SPIRIT LAKE FPD	7,250	55		224	16	34	29	14	1	4	377	0.70%	$10,900	0	0	0	0
55352	TIMBERLAKE FPD	6,300	74	2	364	14	22	43	27	2	4	552	1.00%	$150,000	0	0	0	0
55336	WORLEY FD	2,500	39		75	8	13	45	7			187	0.30%	$510,000	0	0	0	0
55	**KOOTENAI COUNTY**	**117,617**	**858**	**18**	**8,736**	**446**	**556**	**890**	**491**	**10**	**27**	**12,032**	**21.60%**	**$2,234,760**	**6**	**0**	**2**	**0**
57309	BOVILL VFD	No report																
57342	DEARY FPD	2,000	2		61							63	0.10%	$0	0	0	0	0
57338	GENESEE R/COMM FD	1,725	5									5	0.00%	$0	0	0	0	0
57307	JULIAETTA VFD	No report																
57306	KENDRICK VFPD	No report																
57301	MOSCOW CITY FD	33,000	61	1	81	38	4	23	161		1	370	0.70%	$304,750	0	0	0	0
57301	MOSCOW RFD	100	28		38	3		4	7		1	81	0.10%	$2,322,177	3	1	0	0
57336	POTLATCH RFPD	No report																
57340	TROY CITY/RURAL FD	No report																
57	**LATAH COUNTY**	**36,825**	**96**	**1**	**180**	**41**	**4**	**27**	**168**	**0**	**2**	**519**	**0.90%**	**$2,626,927**	**3**	**1**	**0**	**0**
59310	ELK BEND FPD	No report																
59304	GIBBONSVILLE VFD	No report																
59315	LEADORE FD	1,000					1					1	0.00%	$0	0	0	0	0
59330	LEMHI CO. FPD	3,100	44								1	45	0.10%	$585,000	1	0	0	0
59333	NORTH FORK FPD	No report																
59344	PAHSIMEROI FD	50	2		1							3	0.00%	$0	0	0	0	0
59330	SALMON FD	4,500	31			1	2		4			38	0.10%	$194,250	1	0	0	0
59	**LEMHI COUNTY**	**8,650**	**77**	**0**	**1**	**1**	**3**	**0**	**4**	**0**	**1**	**87**	**0.20%**	**$779,250**	**2**	**0**	**0**	**0**
61304	CRAIGMONT FD	No report																
61334	KAMIAH VFD	4,000	14			1	2	2				19	0.00%	$159,150	0	0	0	0
61310	NEZPERCE FD	No report																
61306	REUBENS FD	No report																
61308	WINCHESTER FD	400	10			2	2	1	1			16	0.00%	$56,750	0	0	0	0
61	**LEWIS COUNTY**	**4,400**	**24**	**0**	**0**	**3**	**4**	**3**	**1**	**0**	**0**	**35**	**0.00%**	**$215,900**	**0**	**0**	**0**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
63306	DIETRICH FD	No report																
63308	RICHFIELD FD	420	1									1	0.00%	$0	0	0	0	0
63333	SHOSHONE FD	2,200	20		11	7	1	4	4	3		50	0.10%	$95,120	0	0	0	0
63	**LINCOLN COUNTY**	**2,620**	**21**	**0**	**11**	**7**	**1**	**4**	**4**	**3**	**0**	**51**	**0.10%**	**$95,120**	**0**	**0**	**0**	**0**
65234	REXBURG-MADISON CO ES	40,000	126	7	11	53	23	82	40		2	344	0.60%	$460,360	0	0	0	0
65	**MADISON COUNTY**	**40,000**	**126**	**7**	**11**	**53**	**23**	**82**	**40**	**0**	**2**	**344**	**0.60%**	**$460,360**	**0**	**0**	**0**	**0**
67336	MINIDOKA COUNTY FPD	10,000	104		6	6	2	20	12			150	0.30%	$300,000	0	0	0	0
67301	RUPERT CITY FD	5,645	11		10	4	1	5	15			46	0.10%	$101,550	11	3	0	0
67334	WEST END FPD	8,500	50	1	36	9	2	22	7			127	0.20%	$0	0	0	0	0
67	**MINIDOKA COUNTY**	**24,145**	**165**	**1**	**52**	**19**	**5**	**47**	**34**	**0**	**0**	**323**	**0.60%**	**$401,550**	**11**	**3**	**0**	**0**
69333	BIG CANYON FPD	No report																
69311	CULDESAC FD	No report																
69306	LAPWAI FD	No report																
69201	LEWISTON CITY FD	31,000	75	4		20	28	25	86		1	239	0.40%	$1,219,950	1	0	1	0
69209	LEWISTON HM TEAM	0				1						1						
69	**NEZ PERCE COUNTY**	**31,000**	**75**	**4**	**0**	**21**	**28**	**25**	**86**	**0**	**1**	**240**	**0.40%**	**$1,219,950**	**1**	**0**	**1**	**0**
71301	MALAD VFD	3,000	10	1	2	1	1		1	1		17	0.00%	$5,000	0	0	0	0
71	**ONEIDA COUNTY**	**3,000**	**10**	**1**	**2**	**1**	**1**	**0**	**1**	**1**	**0**	**17**	**0.00%**	**$5,000**	**0**	**0**	**0**	**0**
73340	BRUNEAU FD	No report																
73338	GRAND VIEW RFD	No report																
73334	HOMEDALE FPD	2,528	20			1		1				22	0.00%	$0	0	0	0	0
73336	MARSING FPD	1,800	3									3	0.00%	$20,000	0	0	0	0
73342	M-R-W FD	200	5			1						6	0.00%	$9,000	0	0	0	0
73	**OWYHEE COUNTY**	**4,528**	**28**	**0**	**0**	**2**	**0**	**1**	**0**	**0**	**0**	**31**	**0.00%**	**$29,000**	**0**	**0**	**0**	**0**
75302	FRUITLAND FD	3,805	50		1	2	8	5	6		1	73	0.10%	$153,165	0	0	0	0
75303	NEW PLYMOUTH FD	2,500	71	2	6	2	20	20	3			124	0.20%	$323,750	0	0	0	0
75301	PAYETTE FD	13,854	90		5	34	8	8	12			157	0.30%	$213,130	2	0	0	0
75	**PAYETTE COUNTY**	**20,159**	**211**	**2**	**12**	**38**	**36**	**33**	**21**	**0**	**1**	**354**	**0.60%**	**$690,045**	**2**	**0**	**0**	**0**

FDID	DEPARTMENT NAME	Population Protected	Fire	Overpressure	EMS	Hazard	Service	Assist	False Calls	Weather	Other	Totals	Percent of State Total	$Loss	Civilian Injury	Civilian Fatality	Fire Service Injury	Fire Service Fatality
77302	AMERICAN FALLS FD	No report																
77330	AMERICAN FALLS RFD	No report																
77306	ROCKLAND RFD	No report																
77	**POWER COUNTY**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00%**	**$0**	**0**	**0**	**0**	**0**
79305	PRICHARD/MURRAY VFD	700	1									1	0.00%	$0	0	0	0	0
79236	SHOSHONE COUNTY FPD #1	4,000	39		313	9	12	43	4		3	423	0.80%	$63,345	1	0	1	0
79234	SHOSHONE COUNTY FPD#2	10,000	84	2	439	19	24	129	41	1	2	741	1.30%	$128,835	2	0	1	0
79316	SHOSHONE COUNTY FPD#3	No report																
79310	ST JOE VALLEY FPD	No report																
79	**SHOSHONE COUNTY**	**14,700**	**124**	**2**	**752**	**28**	**36**	**172**	**45**	**1**	**5**	**1,165**	**2.10%**	**$192,180**	**3**	**0**	**2**	**0**
81334	TETON CO FPD	6,700	63		1	8	1	12	17			102	0.20%	$1,408,326	0	1	0	0
81	**TETON COUNTY**	**6,700**	**63**	**0**	**1**	**8**	**1**	**12**	**17**	**0**	**0**	**102**	**0.20%**	**$1,408,326**	**0**	**1**	**0**	**0**
83207	BUHL FD	8,000	77	1	6	25	5	10	23			147	0.30%	$166,660	2	0	2	0
83340	CASTLEFORD FD	No report																
83309	HANSEN FD	900	5				1	2	1			9	0.00%	$0	0	0	0	0
83305	KIMBERLY FD	3,000	4			10	3	4	9			30	0.10%	$15,500	1	0	0	0
83338	FILER FD	2,200	49	2	6	32	7	17	9		1	123	0.20%	$325,000	0	0	0	0
83334	ROCK CREEK FD	115	42		15	31	1	18	8			115	0.20%	$393,950	1	1	1	0
83349	SALMON TRACT VFD	750	8	1	7	3		2	3			24	0.00%	$24,000	0	0	0	0
83101	TWIN FALLS FD	47,000	198		143	1,119	45	241	138		9	1,893	3.40%	$2,403,430	0	0	0	0
83	**TWIN FALLS COUNTY**	**61,965**	**383**	**4**	**177**	**1,220**	**62**	**294**	**191**	**0**	**10**	**2,341**	**4.20%**	**$3,328,540**	**4**	**1**	**3**	**0**
85302	CASCADE CITY FD	1,010	7	1	6	4	6	6	6			36	0.10%	$3,500	0	0	0	0
85334	CASCADE RFD	2,500	13		35	6		11	2			67	0.10%	$6,000	0	0	0	0
85304	DONNELLY FD	155	28	1	111	10	41	2	7		1	201	0.40%	$425,200	2	1	0	0
85340	HIGH VALLEY FPD	No report																
85339	MCCALL FD	6,000	47	1	86	26	13	28	56		1	258	0.50%	$341,000	0	0	0	0
85359	STIBNITE FD	No report																
85	**VALLEY COUNTY**	**9,665**	**95**	**3**	**238**	**46**	**60**	**47**	**71**	**0**	**2**	**562**	**1.10%**	**$775,700**	**2**	**1**	**0**	**0**
87330	CAMBRIDGE	No report																
87336	MIDVALE FD	1,000	6									6	0.00%	$68,000	0	1	0	0
87301	WEISER CITY FD	5,343	29		3	1	3	1	2	1		40	0.10%	$153,200	0	0	0	0
87334	WEISER RFD	4,200	26			4					1	31	0.10%	$284,980	0	0	0	0
87	**WASHINGTON COUNTY**	**10,543**	**61**	**0**	**3**	**5**	**3**	**1**	**2**	**1**	**1**	**77**	**0.20%**	**$506,180**	**0**	**1**	**0**	**0**
	TOTALS	**1,308,989**	**7,219**	**166**	**31,743**	**3,671**	**2,657**	**5,285**	**4,633**	**40**	**126**	**55,542**	**100.00%**	**$34,962,787**	**87**	**16**	**48**	**1**

Glossary

Actions Taken: The duties performed in relationship to the incident by the responding fire department personnel.

Aid Given: Mutual, automatic, or other assistance provided by an outside fire department to another department or jurisdiction.

Alarm Time: The date and time when the fire department was notified of an incident.

Area of Fire Origin: The primary use of the area where the fire started.

Arrival Time: The date and time the fire department's first unit arrived on the scene of the incident.

Automatic Aid Given: Assistance given from an outside department to the jurisdictional fire department that was dispatched automatically based on a prior agreement.

Automatic Aid Received: Assistance received from an outside fire department to the jurisdictional department that was dispatched automatically based on a prior agreement.

Dollar Loss: The sum of the value of the property and contents lost as a result of the incident.

Duration: The time from the first unit arrival on scene to the last unit cleared from the scene and was available to take calls for service.

Equipment Involved in Ignition: The primary equipment item that provided the heat source for ignition.

Heat Source: The primary source of heat that ignited the first item involved in the fire.

Incident: Event or situation to which the fire department responded.

Item First Ignited: The object that was ignited by the primary source of heat.

Mutual Aid Given: Assistance given from an outside department at the request of the jurisdictional fire department.

Mutual Aid Received: Assistance received from an outside fire department at the request of the jurisdictional fire department.

Other Aid Given: Assistance provided by an outside department to a jurisdiction that does not have a fire department.

Primary Apparent Symptoms: The most obvious and severe injuries or medical complaints.

Procedures Used: The treatments attempted or performed on a patient by emergency personnel.
Property Use: The specific use of the property involved in the incident.

Residential: Buildings where people live, including 1and 2 family dwellings, multiple-unit dwellings, dormitories, prisons, etc.

Response Time: The time from the alarm to first arrival on scene.

Structures: Enclosed buildings or portable structures that are used as primary fixed structures (mobile homes, etc.)

Idaho's Fire Departments Respond Every:

9.5 minutes
to an incident

1.4 hours to
an actual fire

17 minutes to a
medical call

5.6 hours to a structure fire

2 hours to a false alarm

8.5 hours to a vehicle fire

19 hours to an intentionally set fire

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Boise, Idaho 83720-0043

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Idaho Fire Departments
Office of State Fire Marshal
Department of Insurance
National Fire Information Council

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