

# FIRE

In Idaho  
1992



ELEVENTH  
ANNUAL REPORT



STATE OF IDAHO  
DEPARTMENT OF INSURANCE

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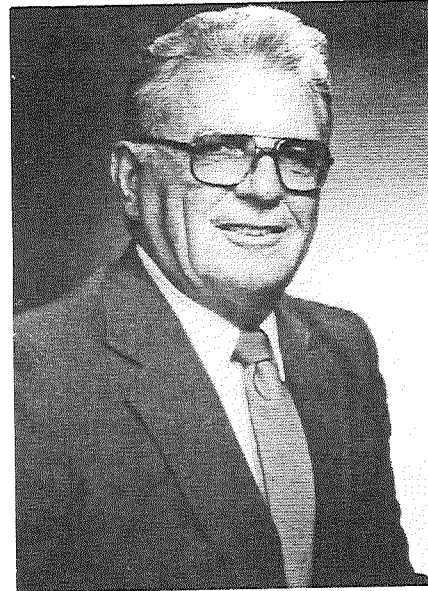
CECIL D. ANDRUS  
Governor  
HARRY C. WALRATH  
Director

LEE BRIGHT  
State Fire Marshal

June 10, 1993

Dear Reader:

Once again, I have the honor of presenting the annual report of the Idaho State Fire Marshal's Office. This report profiles the fire experience in the state of Idaho for 1992. The statistics contained herein reflect the number of incidents responded to and reported by the fire departments participating in the Idaho Fire Incident Reporting System (IFIRS). Also included in this report is the activity and progress of the various divisions of this office.



In 1992, our state continued to grow and prosper and, as the population grows, the competition for public funds is on the increase. Fire departments find themselves competing with school districts, parks and recreation, public housing, etc., for the dwindling tax dollar. Demands for public funds are increasing and taxpayers are on the brink of revolt. Listening to fire chiefs across the state, one common thread runs through their comments. More is being asked of them with the same and, in some cases, fewer resources. But trying to solve the need for better fire protection by requesting additional funds is not the only answer.

The most dangerous fire and burn hazard in the country is the attitude that, "It won't happen to me." However, we know that it can and does happen at the rate of thousands of deaths and burn injuries yearly. Because this attitude does prevail, one of the primary responsibilities of a fire department is to acquaint the public with the fire problem and to educate them how to avoid the tragedies of fire.

A general awareness of fire should be instilled in the citizens of a community, adults and children alike. By teaching children the ways of prevention, adults of the future will be safer; by educating adults, the community will be safer today. Therefore, the fire department has a responsibility to teach people the skills that can save their lives.

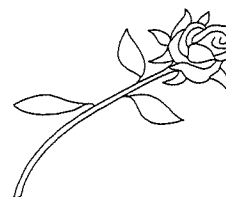
Sincerely,

Lee Bright  
Idaho State Fire Marshal

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## IN MEMORIAM



This publication is dedicated to these two  
Idaho Firefighters who lost their lives during 1992:

**Julie Ann Young, 20, Cascade, Idaho, July 30, 1992**

Julie, a member of Boise National Forest Service, was killed in the line of duty fighting a wildland fire at Cascade, Idaho.

**Clifford L. Herman, 38, Pollock, Idaho, March 4, 1992**

Clifford, a member of the Nez Perce National Forest Service, died in an automobile accident returning from fire training in Missoula, Montana. (Statistics shown in following report do not reflect this fatality.)

# FIRE IN IDAHO 1992

Governor  
Cecil D. Andrus

Department of Insurance  
Harry C. Walrath

Idaho State Fire Marshal  
Lee Bright

Prepared By

Ruby Andridge  
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# FIRE IN IDAHO 1992

Presented by the Idaho State Fire Marshal

## PART I - FIRE STATISTICS

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Causes .....	11-17
Losses .....	18-25
Casualties .....	26-30

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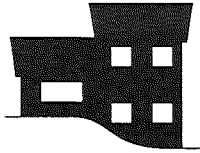
Fire in Idaho 1992

***PART I - FIRE STATISTICS***



# TOTAL IMPACT

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1,377

## RESIDENTIAL

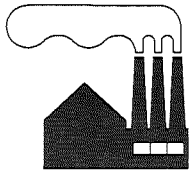
(Single family dwellings, apartments, mobile homes, hotels, motels, etc.)



147

## PUBLIC AND MERCANTILE

(Stores, restaurants, institutions, churches, public facilities, education)



332

## INDUSTRIAL, MANUFACTURING, OTHER BUILDINGS

(Basic industry, manufacturing storage, residential garages, vacant buildings, unknown)



913

## MOBILE PROPERTY

(Automobile, trucks, trains, buses, boats, aircraft)



3,357

## OUTSIDE AND OTHER

(Dumpsters, trash, wildland, grass, trees)

6,126

## TOTAL FIRES

\$30,278,631

## TOTAL DOLLAR LOSS

## FIRE PICTURE AT A GLANCE

### FIRES

Fires attended by Idaho fire departments increased by 10%.  
Fires in outside properties increased by 21% to 3,357.  
Residential properties accounted for 34% or 1,377 of all structure fires.  
Fires in structures decreased by 7%.

### FIRE DEATHS

Civilian fire deaths decreased by 47% to 11.  
Residential fire deaths, which accounted for 18% of all fire fatalities, decreased by 6.  
Idaho had two firefighter deaths. One was fire related and is reflected in the following reports, the other is nonfire related and is not included in these statistics.

### FIRE INJURIES

Civilian injuries decreased from 84 to 74.  
Residential properties were the site of 47 of the civilian injuries while nonresidential structures saw 10 injuries.  
Children playing caused 11 injuries.

### PROPERTY DAMAGE

Property losses increased by 36% to \$30,278,631.  
Structure fires caused \$24,594,380 of all property damage.  
Residential properties incurred \$12,004,728.

### INCENDIARY AND SUSPICIOUS FIRES

The number of structure fires that were deliberately set or are suspected of having been set was up 27%.  
Incendiary and suspicious fires accounted for 6% of all structure fires.  
Incendiary and suspicious structure fires resulted in 4 civilian deaths.  
Incendiary and suspicious vehicle fires increased by 63% resulting in \$87,300 in property damage.



## IDAHO FIRE INCIDENT SUMMARY

<u>Situation Found Category</u>		<u>Incidents</u>
Building Fires	1,856	
Vehicle Fires	913	
All Other Fires	<u>3,357</u>	
Total Fires		6,126
Overpressure Ruptures		83
Rescue Calls		2,629
Hazardous Conditions		1,739
Service Calls		885
Good Intent Calls		2,605
False/Malicious Calls		2,108
All Other Calls		42
Total Incidents Reported		16,208
Times Mutual Aid Given		1,081
Times Mutual Aid Recvd		744
Total Fire Dollar Loss		\$ 30,278,631
Civilian Fire Injuries		74
Civilian Fire Deaths		11
Fire Service Injuries		55
Fire Service Death		1

# TOTAL IMPACT

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## TYPE OF ACTION TAKEN BY FIREFIGHTERS UPON ARRIVAL AT THE EMERGENCY SCENE

Extinguishment	4,772
Investigation Only	1,045
Remove Hazard	127
Standby/Fill in/Move up	97
Salvage	30
Unknown	15
Other	23
Rescue Only	17
	<hr/>
Total Calls	6,126

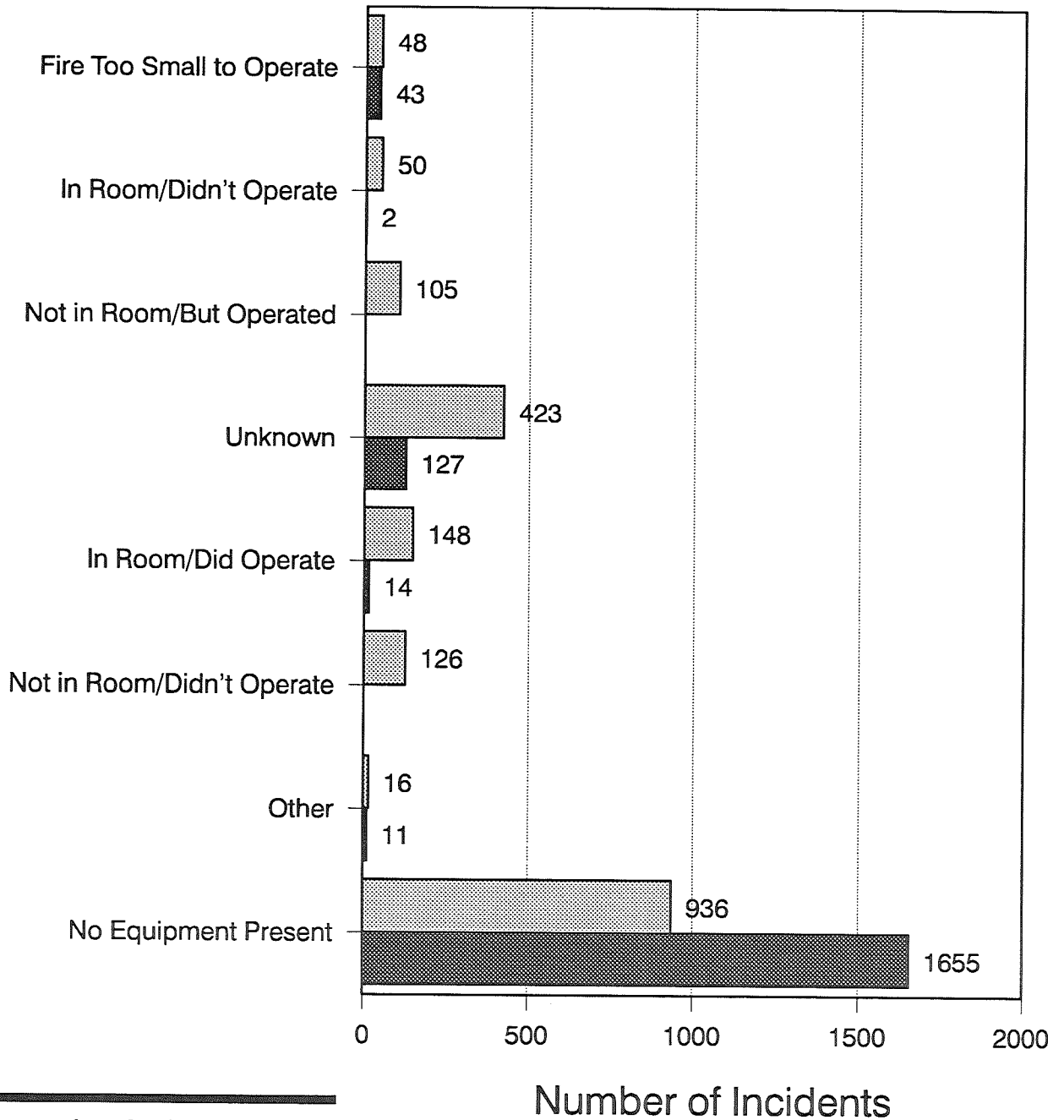
*Ambulance/EMS runs account for a large part of fire department activity, however these statistics only reflect fire activity.*

## FIREFIGHTER STATISTICS PER FIRE

Total Man Hours	168,020
Average Man Hours Per Fire	10
Average Number of Personnel	7
Average Response Time	7 minutes

EVERY DAY IN IDAHO, FIRE DEPARTMENTS REPORT AN AVERAGE OF 47 CALLS, 16 OF WHICH ARE FIRES, FOR A DOLLAR LOSS OF \$82,955.

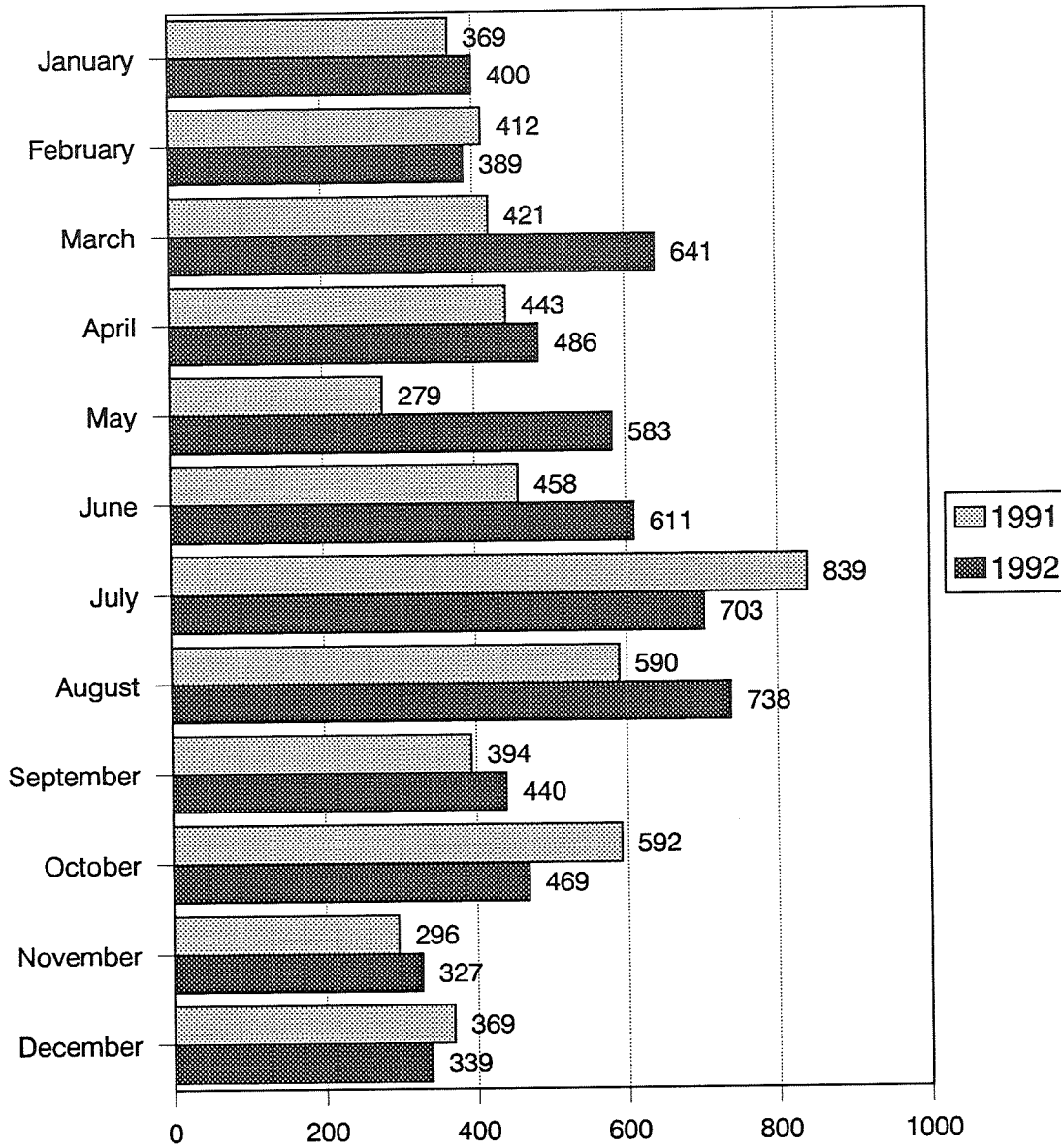
# Detector/Sprinkler Performance



*The absence of smoke detectors was a factor in four of the eleven civilian fatalities. The whereabouts of detectors were reported as unknown in four other deaths.*

▨ Detectors    ▨ Sprinklers

# All Fire Calls by Month

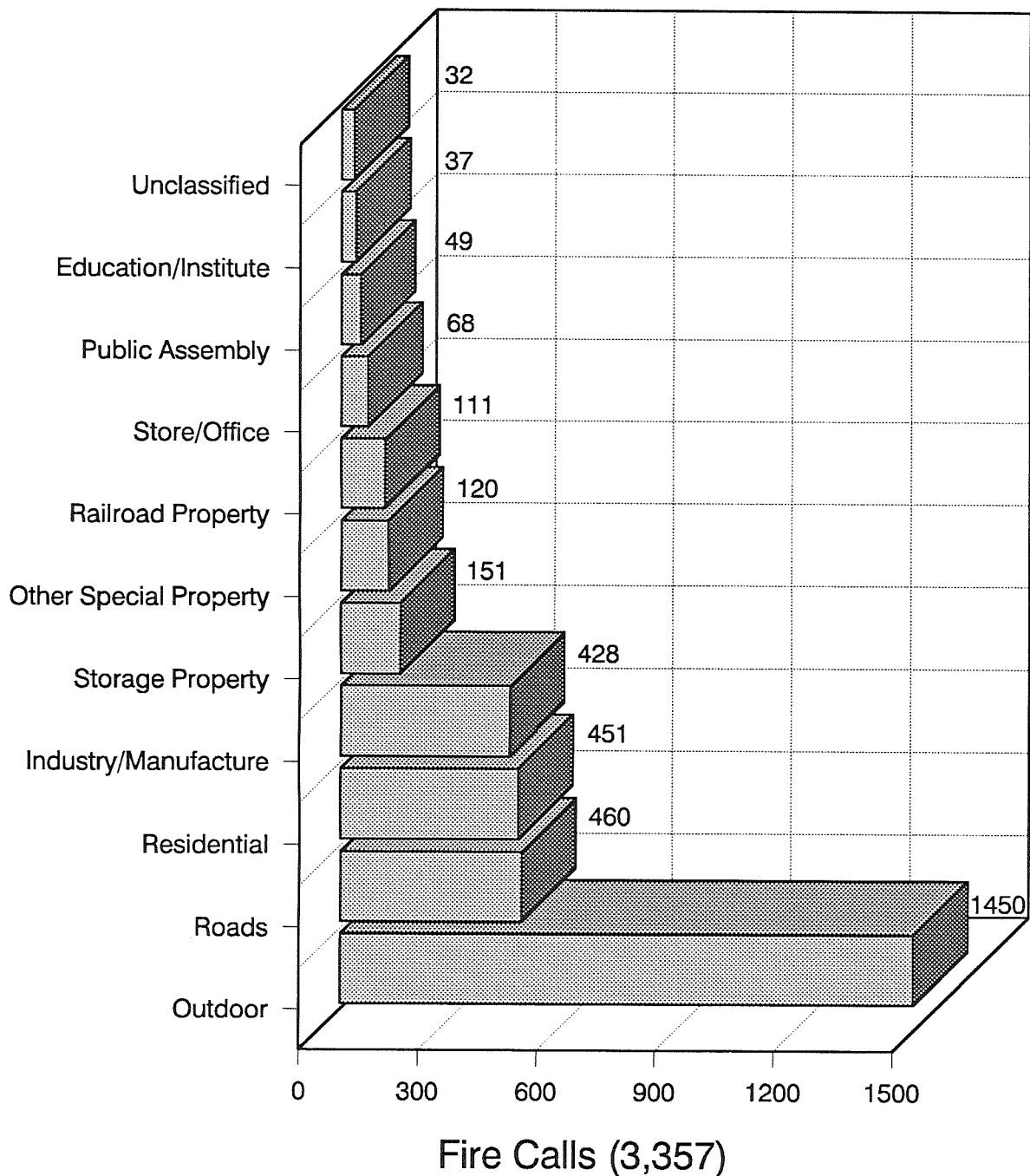


Total Incidents

1991 - 5,462

1992 - 6,126

## Outside Fire Calls (By Property Type)



## MOTOR VEHICLE FIRES

### Top Six Types of Mobile Property Involved in Fires

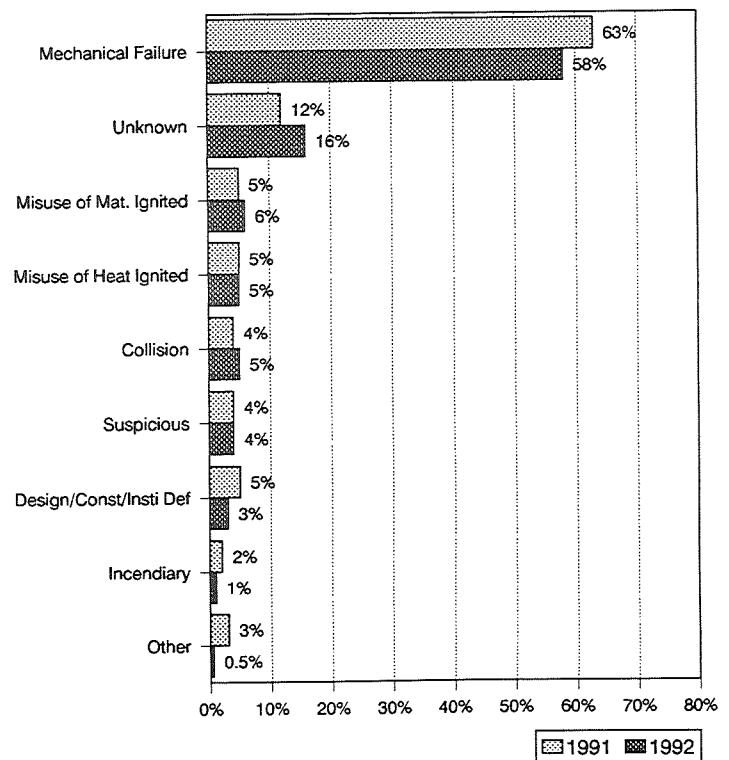
Automobile	608
Truck under 1 ton	77
Truck over 1 ton	31
Tractor Harvester	27
Motor Home	25
Semi-trailer Truck	22

Motor vehicle fires include all mobile property types which are designed to be movable, either under their own power or towed. This classification encompasses automobiles, trucks, rail vehicles, freight vehicles, water vehicles, air transport vehicles, heavy equipment (cranes, bulldozers, etc.), and special vehicles (power garden equipment and mechanical trash containers). During 1992, motor vehicle fires accounted for 15% of all fires reported. The 913 reported fires resulted in 11 injuries (9 civilian and 2 fire service) 4-automobile, 3-trucks, 1-heavy equipment, 3-undetermined. The one fire fatality was in aircraft.

Nearly 58% of reported vehicle fires were caused by mechanical problems. The second leading cause in vehicle fires is listed as unknown 16%. The other leading causes were due to human error with Misuse of Material Ignited 6%, Misuse of Heat of Ignition 5% and Operational Deficiency 5%.

The chart shows vehicle fire ignition factors for 1991 and 1992.

### Ignition Factor



# TOTAL IMPACT

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## HAZARDOUS MATERIALS CALLS

By definition, hazardous materials incidents include any and all responses where a substance which is capable of causing harm to living organisms and/or the environment is involved.

Fire departments reported 49 incidents involving hazardous material spills in Idaho for 1992. Thirty percent occurred on road property with sixty-three percent involving spill and/or leak with no ignition. Fifty-eight percent involved flammable liquids. Only one incident resulted in fire with one civilian injury. There were five civilian injuries due to a fuel spill and one incident near railroad property resulted in two fire service and one civilian injury.

### TYPE OF ACTION TAKEN:

Remove Hazard	57%
Standby	22%
Investigate	12%
Extinguish	6%
Rescue Only	2%

### EQUIPMENT INVOLVED:

Road Trans. Veh.	33%
No Equipment	14%
Equip. Involved Undeter.	10%

### AREA OF RELEASE:

On or Near Highway	30%
Lawn/Field/Open Area	12%
Product Storage Room	8%
Garage Vehicle Storage	6%
Fuel Tank/Line	6%
On or Near Railroad	6%

### RESPONSE ACTIONS TAKEN: (First Action Taken at the Incident)

Identification	35%
Remove Hazard	20%
Standby Firewatch	8%
Rescue/Rmv. from Harm	6%
Investigate	6%

### DOT HAZARD CLASS:

Flammable Liquids	58%
Gasses	14%
Poisonous/Infec. Subs.	7%
Flammable Solids	7%

### TYPE OF SITUATION:

Spill/Leak No Ignt.	63%
Chemical Emergency	16%
Other	6%
Structure Fire	2%

### SUSPECTED ENVIRONMENTAL CONTAMINATION:

No Envi. Impact	29%
Ground Only	27%
Air & Ground	18%
Air Only	13%

### RELEASE FACTORS:

Collision	14%
Inadequate Control	14%
Aband. Disc. Haz. Mat.	10%

# ***FIRE CAUSES***

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## **HOSTILE FIRES BY IGNITION FACTOR**

	Top Ten		
	<u>FIRES</u>	<u>INJURY</u>	<u>DEATH</u>
Ignition Factor Unknown	994	20	1
Inadequate Control of Open Fire	835	2	0
Lack of Maintenance/Worn Out	565	6	0
Children Play with or Children Playing	395	11	0
Suspicious	342	12	1
Abandoned Discarded Material	340	1	0
Short Circuit/Ground Fault	338	3	0
Part Failure/Leak/Break	214	2	0
Rekindled from a Previous Fire	214	3	0
Incendiary	200	2	3

## **HOSTILE FIRES BY FORM OF IGNITION HEAT**

	Top Ten		
	<u>FIRES</u>	<u>INJURY</u>	<u>DEATH</u>
Open Fire	726	13	0
Match	604	7	1
Heat from Solid Fueled Equipment (woodstove)	425	8	2
Short Circuit Unspecified	206	14	0
Properly Operated Electrical Equipment	201	14	3
Cigarette/Cigar	193	1	0
Hot Ember/Ash	179	1	0
Fire Spread (Exposure)	148	2	0
Heat/Explosion/Fireworks	126	0	0
Backfire from Engine	119	9	0



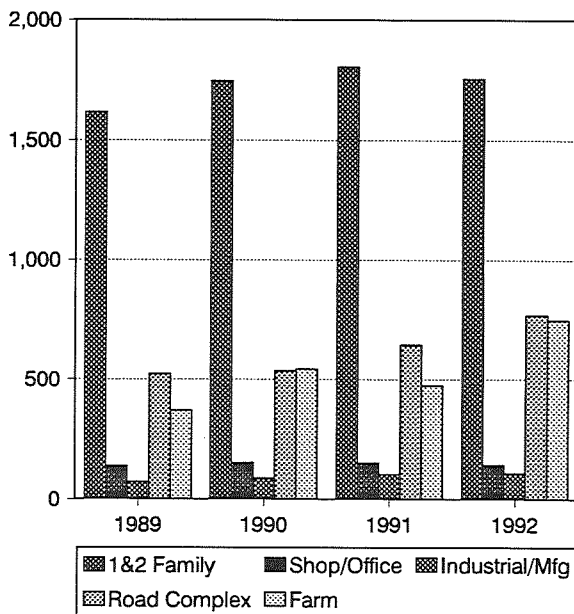
# FIRE CAUSES

## HOSTILE FIRES BY COMPLEX

### Top Ten

	FIRES	INJURY	DEATH	\$ LOSS
Apartment Complex	143	8	0	1,375,246
Dwelling (one/two family)	1,754	54	9	10,481,411
Educational Complex	78	0	0	147,315
Farm Complex	746	17	1	3,425,840
Indian Reservation	65	1	0	21,500
Industrial Plnt/Mfg Cmpl	108	8	0	2,404,485
Railroad Transport Complex	74	0	0	504,375
Road Complex	766	7	0	682,503
Shopping Complex	102	1	0	530,687
Warehouse/Stge Complex	70	1	0	3,003,060

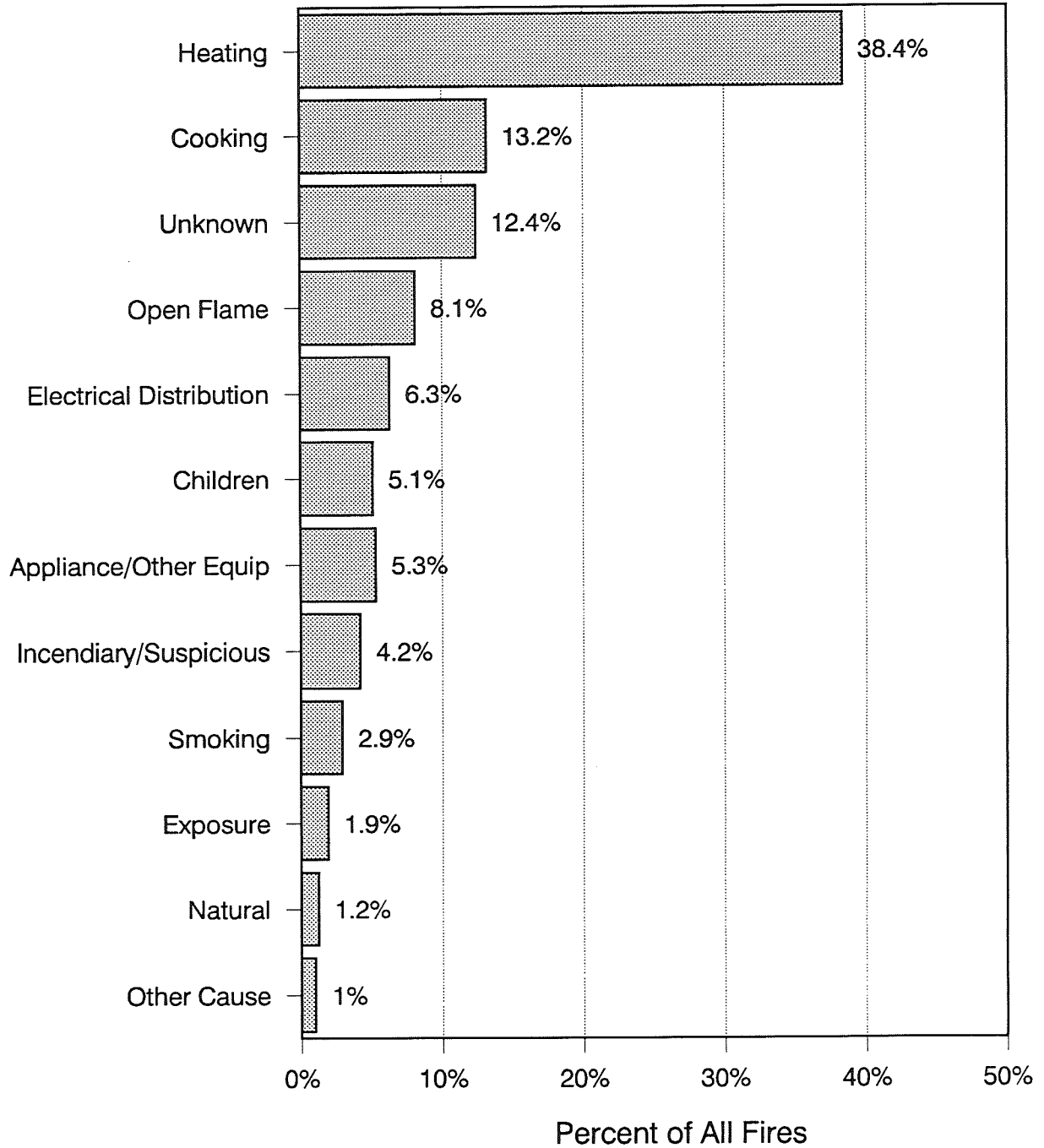
**Fires by Complex**



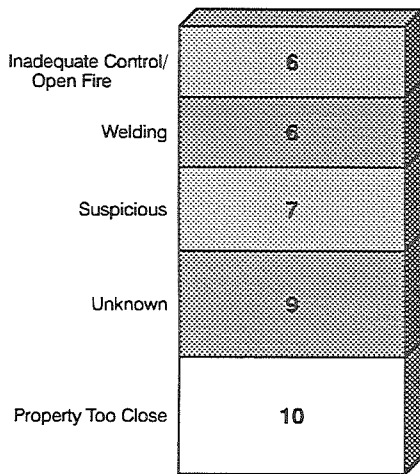
The One and Two Family Complex continued to rise until 1992 when there was a decrease of 51 fires. The farm complex increased with 273 more fires than in 1991.

Complex includes all areas around building. Therefore, numbers include other than just structure fires.

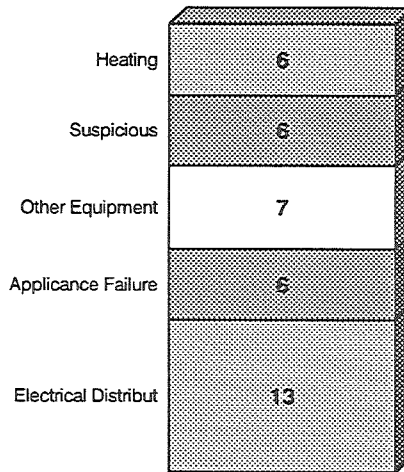
# Fire Causes in All Buildings



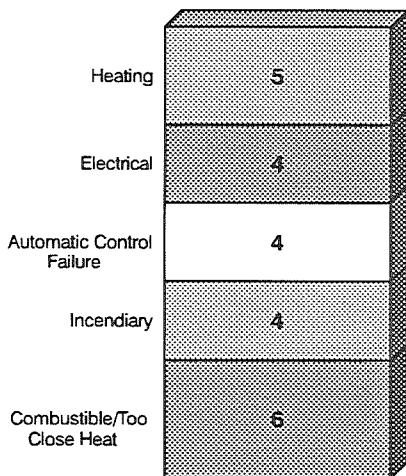
# Fire Causes by Property Use (Top 5 Causes)



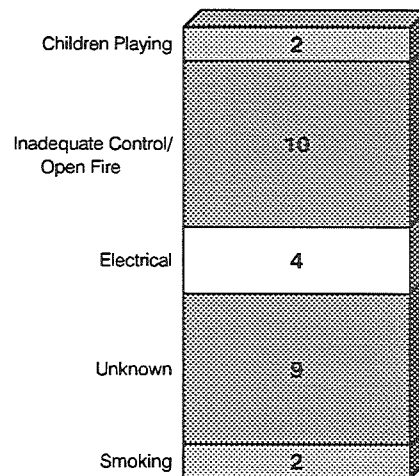
Special Properties



Store/Office

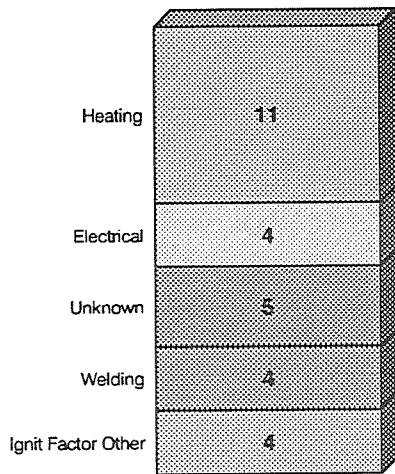


Public Assembly

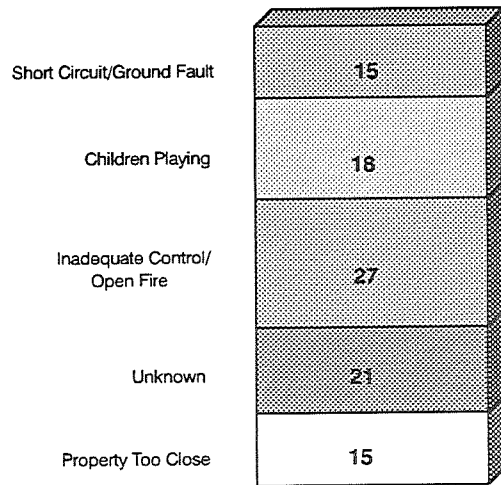


Basic Industry

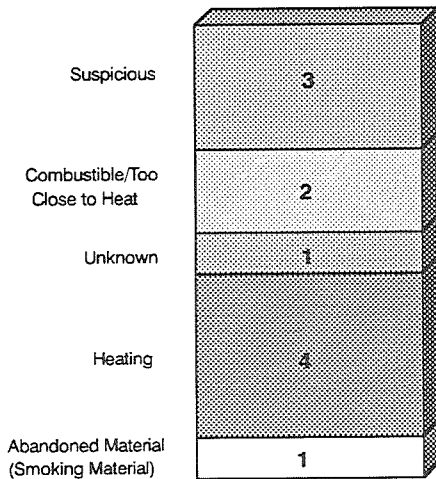
# Fire Causes by Property Use (Top 5 Causes)



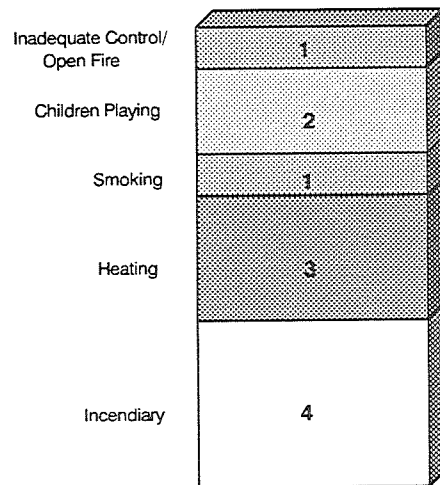
Manufacturing



Storage

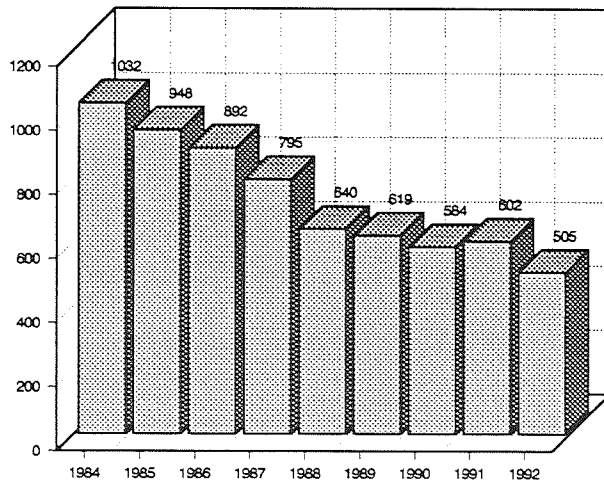


Institutional



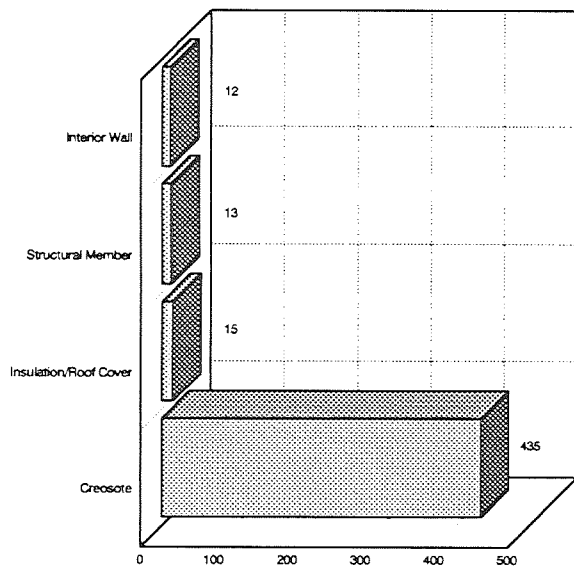
Educational

# Residential Wood Stove Fires

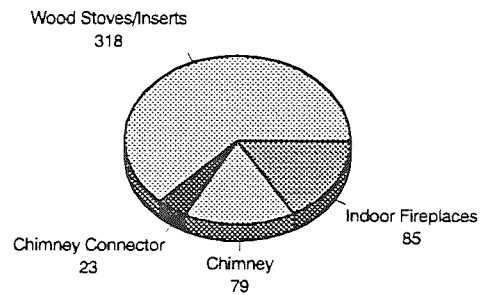


Number of Fires

*The number of wood stove fires have declined since reporting began in 1984. This is due to better installation, insurance companies requiring inspections, and fire prevention efforts provided by fire departments. Creosote still remains the main cause of chimney fires.*



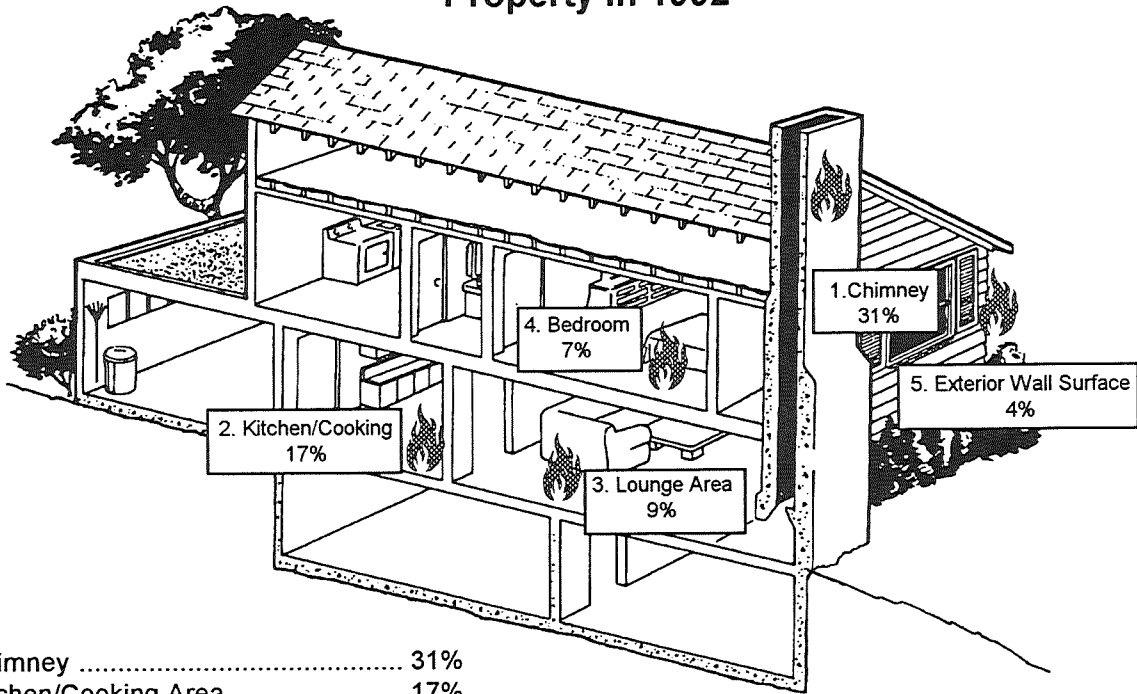
Material First Ignited



Equipment Involved

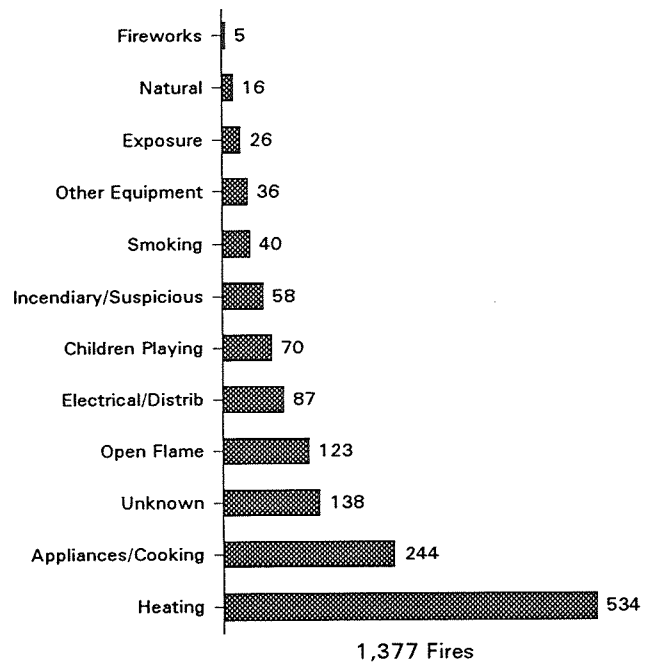
# FIRE CAUSES

## Leading Areas of Origin in Residential Property in 1992



- 1. Chimney ..... 31%
- 2. Kitchen/Cooking Area ..... 17%
- 3. Lounge Area ..... 9%
- 4. Bedroom ..... 7%
- 5. Exterior Wall Surface ..... 4%

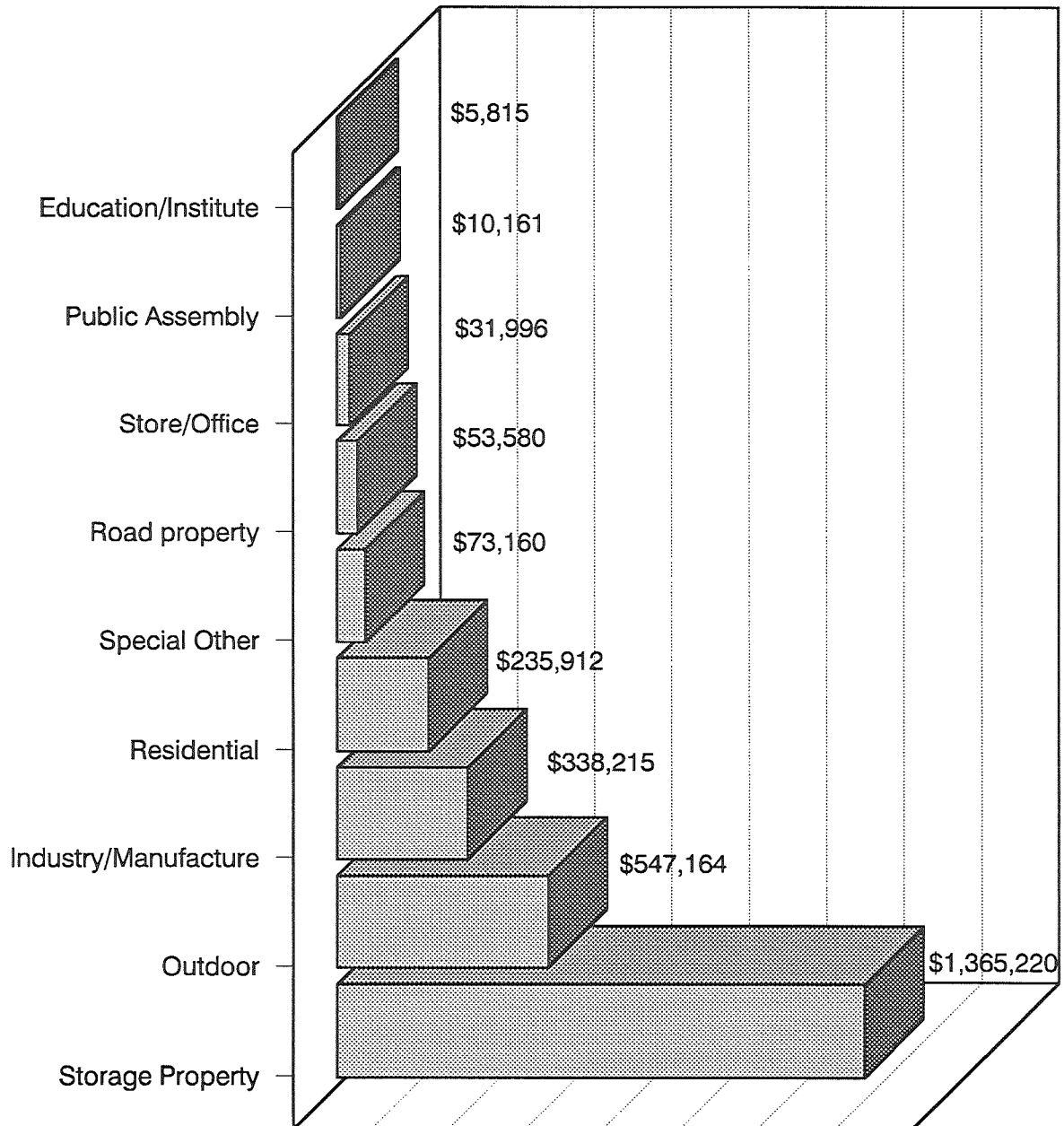
## Residential Fires (Leading Fire Causes)



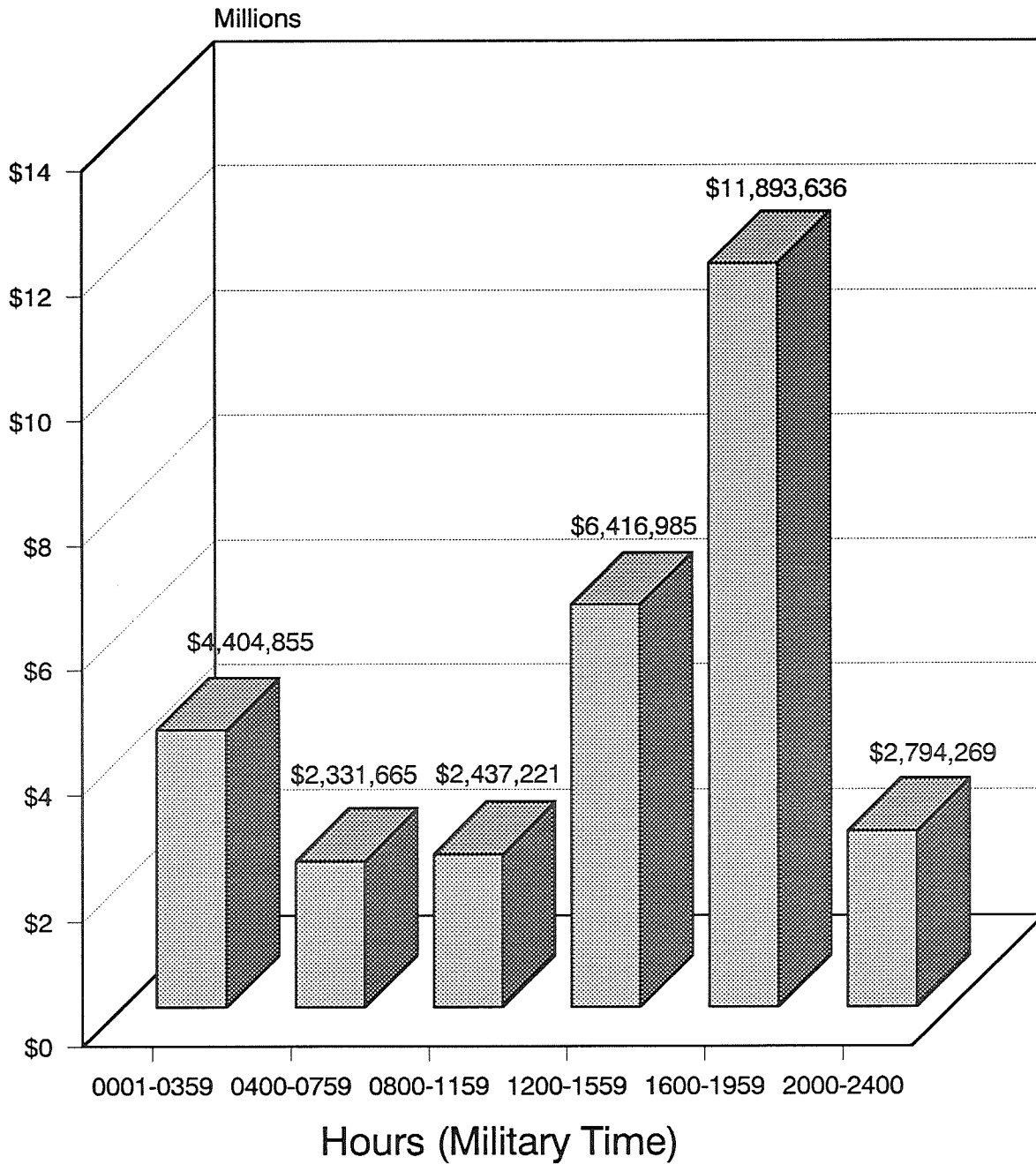
*Although we have seen a significant drop in chimney fires, they continue to be the leading area of origin in residential fires. Over a three-year period, we have seen a 5% decrease in this area. It is our belief that this decrease can be contributed to an awareness, on the part of the owners, of the hazards a poorly maintained chimney can present.*

*Kitchen fires, on the other hand, have shown a 4% increase over the same three-year period - a trend that, if it continues, would signal a serious problem in this area.*

## Outside Fire Losses (By Property Type)

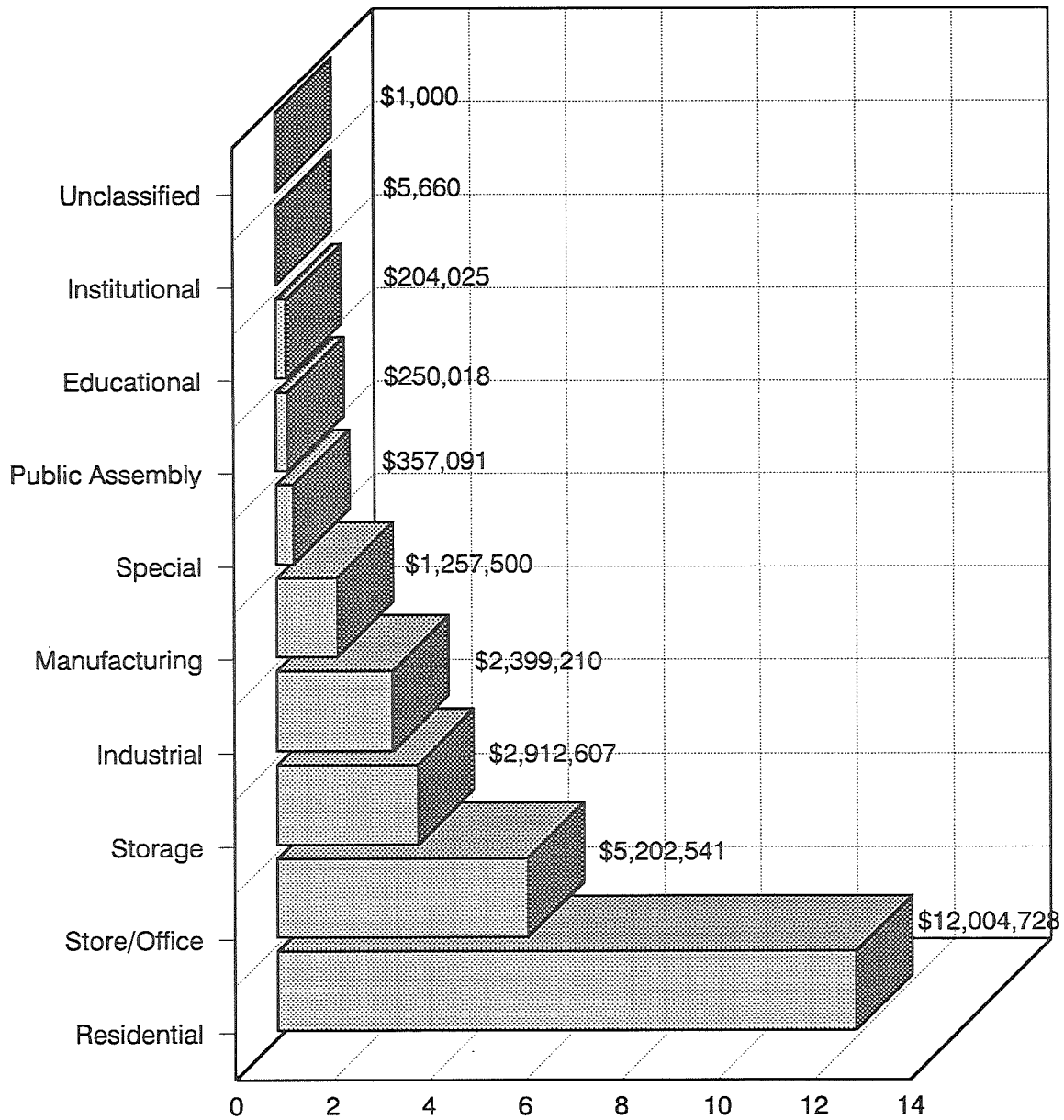


# Alarm Time vs. Fire Loss





## Structure Loss (By Property Type)



# FIRE LOSSES

## SUMMARIZATION OF REPORTED FIRES, DEATHS, INJURIES, AND ESTIMATED DOLLAR LOSS BY DEPARTMENT

	<u>Total Fires</u>	<u>Total Injuries</u>	<u>Total Deaths</u>	<u>Dollar Loss</u>
<b>ADA COUNTY</b>				
Boise F.D.	581	13	1	5,050,170
Boise National Forest	1	0	1	0
Cole-Collister F.P.D.	103	5	0	597,275
Whitney F.D.	132	4	3	489,870
Kuna F.D.	51	0	0	190,920
Meridian City F.D.	39	3	0	201,950
Meridian Rural F.D.	57	0	0	113,400
Star F.D.	39	1	0	134,420
Eagle F.D.	50	0	0	61,300
<b>ADAMS COUNTY</b>				
Council F.D.	9	1	0	14,000
Indian Valley Rural F.D.	2	0	0	0
New Meadows City	4	0	0	44,300
New Meadows Valley Rural	2	0	0	15,050
*Adams County Unprot.	1	0	0	200,000
<b>BANNOCK COUNTY</b>				
Pocatello F.D.	259	2	0	626,331
Chubbuck F.D.	40	1	0	46,050
*Downey F.D.	1	0	0	107,500
<b>BEAR LAKE COUNTY</b>				
Montpelier F.D.	8	0	0	307,500
Paris F.D.	4	0	0	1,050
Dingle F.D.	1	0	0	0
Ovid F.D.	6	0	0	2,350
Georgetown F.D.	3	0	0	300
Pegram F.D.	1	0	0	0
Geneva F.D.	0	0	0	0
Fish Haven F.D.	4	0	0	100
St. Charles F.D.	0	0	0	0
Bennington F.D.	6	0	0	42,300
Nounan F.D.	2	0	0	82,000
<b>BENEWAH COUNTY</b>				
Plummer Gateway F.D.	31	0	0	82,800
St. Maries City F.D.	21	0	0	31,000
St. Maries Rural	18	0	0	27,500

# ***FIRE LOSSES***

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<b>BINGHAM</b>				
Blackfoot F.D.	73	0	0	124,510
Snake River F.D.	141	0	2	206,130
Rockford Substation	41	0	0	333,300
*Fort Hall F.D.	70	1	0	28,500
*Shelley/Firth F.P.D.	1	7	0	0
<b>BLAINE COUNTY</b>				
Ketchum FD	43	3	0	367,645
Hailey FD	23	0	0	15,300
Sun Valley FD	10	1	0	1,507,975
Wood River Rural FD	41	1	0	1,181,150
<b>BOISE COUNTY</b>				
Placerville F.P.D.	3	0	0	3,100
Garden Valley FD	11	0	0	4,000
*Robie Creek FD	2	0	0	0
<b>BONNER COUNTY</b>				
Sandpoint F.D.	71	0	0	227,840
Priest River City	17	0	0	49,420
Northside F.P.D.	54	1	0	22,610
West Pend Oreille Fire	25	0	0	101,000
Sagle Fire Dist.	50	4	0	283,750
<b>BONNEVILLE COUNTY</b>				
Idaho Falls F.D.	233	3	0	213,930
Bonneville F.P.D.	214	9	0	357,940
<b>BOUNDARY COUNTY</b>				
Bonnors Ferry F.D.	27	0	0	47,990
<b>BUTTE COUNTY</b> No Departments Reporting				
<b>CAMAS COUNTY</b>				
*Fairfield F.D.	1	0	0	450,000
<b>CANYON COUNTY</b>				
Nampa F.D.	211	2	0	781,850
Nampa F.P.D.	118	0	0	204,415
Caldwell F.D.	148	3	0	443,701
Caldwell Rural	104	2	0	216,330
*Wilder F.D.	14	0	0	8,550
Notus F.D.	6	0	0	0
Parma F.D.	2	4	0	4,500
Middleton F.D.	94	1	0	230,539
Melba Rural F.P.D.	14	0	0	14,250
<b>CARIBOU COUNTY</b>				
Soda Springs F.D.	17	1	0	19,400
Caribou County F.D.	50	1	0	580,300

# ***FIRE LOSSES***

<b>CASSIA COUNTY</b>				
Burley F.D.	43	2	0	874,560
N Cassia Rural	57	2	0	169,210
Declo F.P.D.	11	0	0	68,000
*Albion F.P.D.	6	0	0	3,100
<b>CLARK COUNTY</b> No Departments Reporting				
<b>CLEARWATER COUNTY</b>				
Orofino City/Rural F.D.	37	0	0	98,200
<b>CUSTER COUNTY</b>				
Challis F.D.	6	0	0	2,300
N Custer F.P.D.	15	0	0	84,050
<b>ELMORE COUNTY</b>				
Mountain Home F.D.	54	0	0	48,625
Glenns Ferry F.D.	5	0	0	0
Mountain Home F.P.D.	73	0	0	60,300
King Hill/G. Ferry F.D.	28	0	0	0
<b>FRANKLIN COUNTY</b>				
Preston F.D.	54	0	0	164,275
<b>FREMONT COUNTY</b> No Departments Reporting				
<b>GEM COUNTY</b>				
*Emmett City	1	0	0	30,000
*Gem Cnty F.P.D. #2	1	2	0	80,000
<b>GOODING COUNTY</b>				
Gooding City F.D.	18	0	0	5,625
Wendell City F.D.	1	0	0	0
Gooding F.P.D.	43	0	0	26,800
Wendell F.P.D.	9	0	0	600,500
<b>IDAHO COUNTY</b>				
Riggins City/Rural	4	0	0	55,000
<b>JEFFERSON COUNTY</b> No Departments Reporting				
<b>JEROME COUNTY</b>				
Jerome F.D.	45	2	0	93,615
Hazelton F.D.	4	0	0	451
Jerome Rural F.D.	73	0	0	143,000
Eden/First Segregation	36	0	0	2,254,760

# FIRE LOSSES

<b>KOOTENAI COUNTY</b>				
Coeur d'Alene F.D.	149	6	0	602,381
Kootenai County F.D. #1	63	2	0	53,400
Worley F.D.	40	0	0	34,400
Post Falls F.D.	197	2	2	580,475
Hayden Lake F.D.	53	0	0	343,910
Rathdrum Rural	112	0	0	387,550
Hauser Lake	23	0	0	34,500
Athol F.D.	43	0	0	24,000
<b>LATAH COUNTY</b>				
Moscow City	62	0	0	21,775
Moscow Rural	26	1	0	124,825
<b>LEMHI COUNTY</b>		No Departments Reporting		
<b>LEWIS COUNTY</b>		No Departments Reporting		
<b>LINCOLN COUNTY</b>				
Shoshone F.D.	3	0	0	151,000
Wood River F.D. #1	4	0	0	0
<b>MADISON COUNTY</b>				
Rexburg F.D.	69	0	0	61,500
Rexburg/Madison F.P.D.	73	4	0	405,745
<b>MINIDOKA COUNTY</b>				
Rupert F.D.	26	0	0	21,550
West End F.P.D.	51	0	0	216,200
Northside/Rupert	7	0	0	21,000
Heyburn F.P.D.	36	3	1	56,300
East End F.P.D.	56	1	0	54,600
<b>NEZ PERCE COUNTY</b>				
Lewiston F.D.	181	3	1	250,265
<b>ONEIDA COUNTY</b>		No Departments Reporting		
<b>OWYHEE COUNTY</b>		No Departments Reporting		
<b>PAYETTE COUNTY</b>				
Payette F.D.	32	1	1	43,900
Fruitland F.D.	15	0	0	48,150
New Plymouth F.D.	4	0	0	0
Payette Rural	49	1	0	66,350
New Plymouth Rural	37	0	0	0
New Plymouth V.F.D.	12	0	0	0
Sand Hollow F.D.	9	0	0	0
<b>POWER COUNTY</b>				
Chubbuck F.P.D.	8	0	0	86,500

# ***FIRE LOSSES***

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<b>SHOSHONE COUNTY</b>				
Kellogg F.D.	13	1	0	351,210
**Wallace F.D.	13	1	0	362,470
Shoshone F.P.D. #2	56	1	0	62,330
Shoshone F.P.D. #1	22	0	0	20,000
<b>TETON COUNTY</b>				
Driggs F.D.	12	0	0	18,100
Driggs/Teton County F.P.D.	33	0	0	188,500
<b>TWIN FALLS COUNTY</b>				
Twin Falls F.D.	182	1	0	348,757
Buhl F.D.	32	0	0	505,158
Kimberly F.D.	10	0	0	7,050
Hansen F.D.	0	0	0	0
Filer F.D.	8	1	0	0
Kimberly F.P.D.	40	1	0	324,575
Twin Falls F.P.D.	8	1	0	115,500
Buhl Rural F.D.	32	0	0	710,328
Filer Rural	20	1	0	88,000
<b>VALLEY COUNTY</b>				
McCall F.D.	35	0	0	48,700
Cascade F.D.	14	2	0	13,500
*Donnelly F.D.	1	2	0	0
Cascade Rural	28	0	0	200,850
McCall Rural	23	2	0	437,825
<b>WASHINGTON COUNTY</b>				
Weiser F.D.	19	6	0	157,900
Cambridge F.D.	2	0	0	0
Weiser Rural F.D.	42	3	0	1,200,250
Midvale F.D.	12	0	0	65,620
<b>GRAND TOTALS</b>	<b>6,126</b>	<b>129</b>	<b>12</b>	<b>30,278,631</b>

\* Reflects partial year reporting

\*\* Shoshone FPD #1 took over reporting in September, '92

Shaded area indicates 100% county participation

# FIRE CASUALTIES

## INJURIES & FATALITIES

### FIREFIGHTER CASUALTIES

SEX:	Male	54
	Female	2

### PART OF BODY INJURED

Arm Area	5
Trunk	2
Internal	42
Head Area	3
Leg/Foot	2
Multiple Parts	24
Hand	2

### CASE SEVERITY

Minor	27
Moderate	28
Dead on Arrival	1

### PRIMARY APPARENT SYMPTOM

Obstruction/Fracture	2
Sprain/Strain/Swelling	12
Asphyxiation/Burn	24
Cut/Lacerations/Bleed	4
Pain/Wound/Shock	8
Contusion/Bruise/Crush	5
Other	1

### PATIENT TAKEN TO

Hospital	27
Not Transp/undeter	20
Doctors Office/Clinic	5
Morgue	1
Residence	3

### FIREFIGHTER ACTIVITY

Extinguishing Fire	30
Suppression Support	11
Other Activity	2
Driving/Riding	8
Misc. Inc. Scene	5

### SEVERITY OF INJURY

Injury	55
Death	1

### CIVILIAN FIRE CASUALTIES

SEX:	Male	51
	Female	34

### PART OF BODY INJURED

Multi-Parts	21
Internal	42
Hand	8
Head/Neck	3
Leg	2
Body, Trunk, Back	2
Arm	5
Foot	2

### NATURE OF INJURY

Burns & Smoke	13
Smoke Only	37
Burns Only	27
Unknown	3
Wound, Bleeding	2
Fracture/Dislocated	1
Pain	2

### ACTIVITY AT INJURY

Fire Control	31
Other/Unknown	19
Escaping	8
Sleeping	16
Irrational Action	4
Unable to Act	5
Rescue	2

### CAUSE OF INJURY

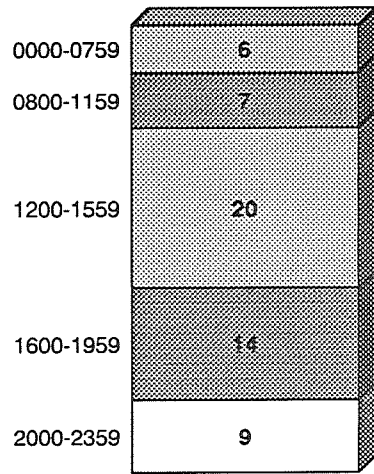
Exposed fire product	73
Struck By	3
Expds to Chem.Radtn	1
Overexertion	1
Unkn	4
Rubbed by/Contact with	1
Fell/Stepped into	2

### SEVERITY OF INJURY

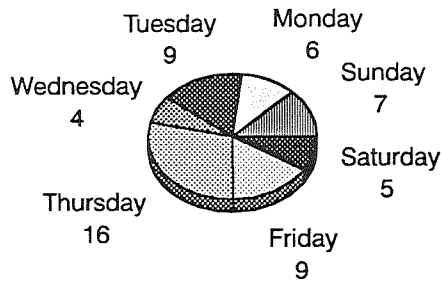
Injury	74
Death	11

# Firefighter Injuries & Fatalities

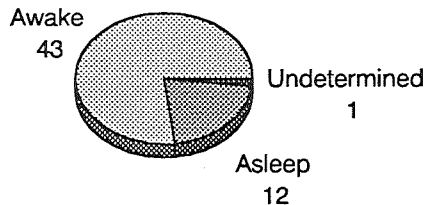
*Idaho had two firefighter fatalities this year - one fire and one non-fire related. Since this report reflects only fire statistics, the non-fire fatality is not included.*



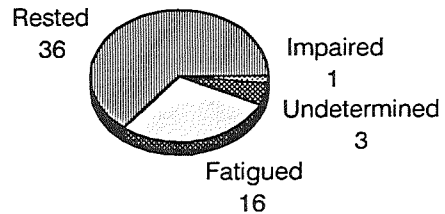
Time of Casualty



Day of Week



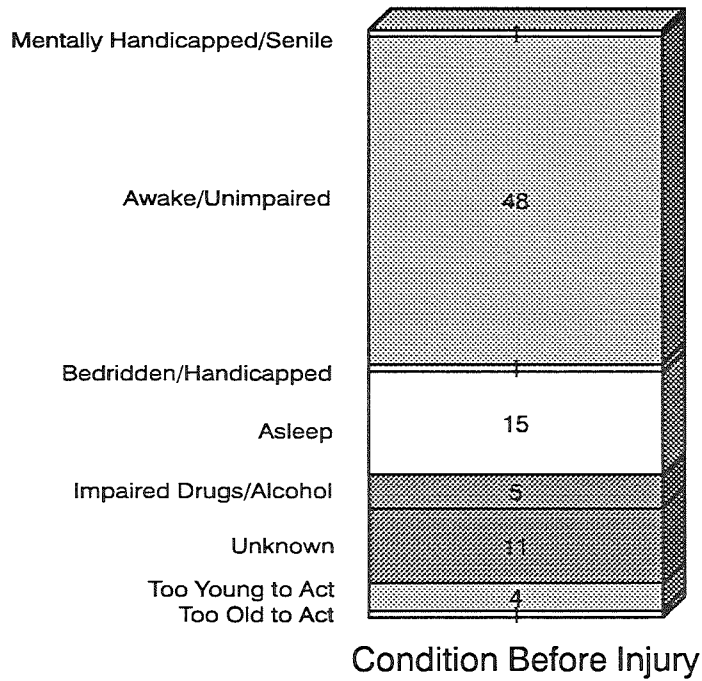
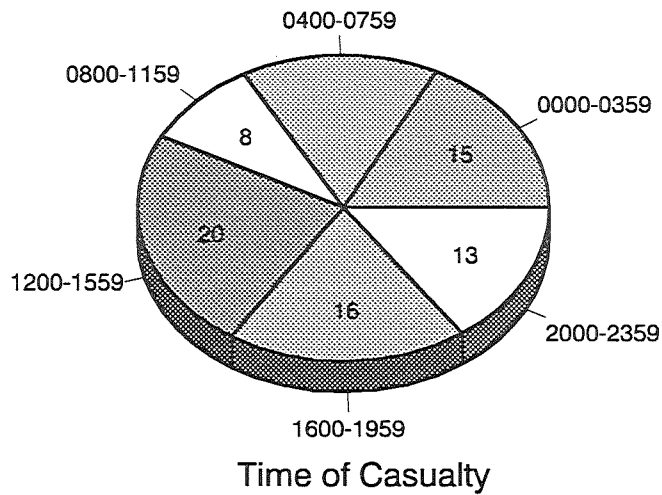
Status Before Alarm



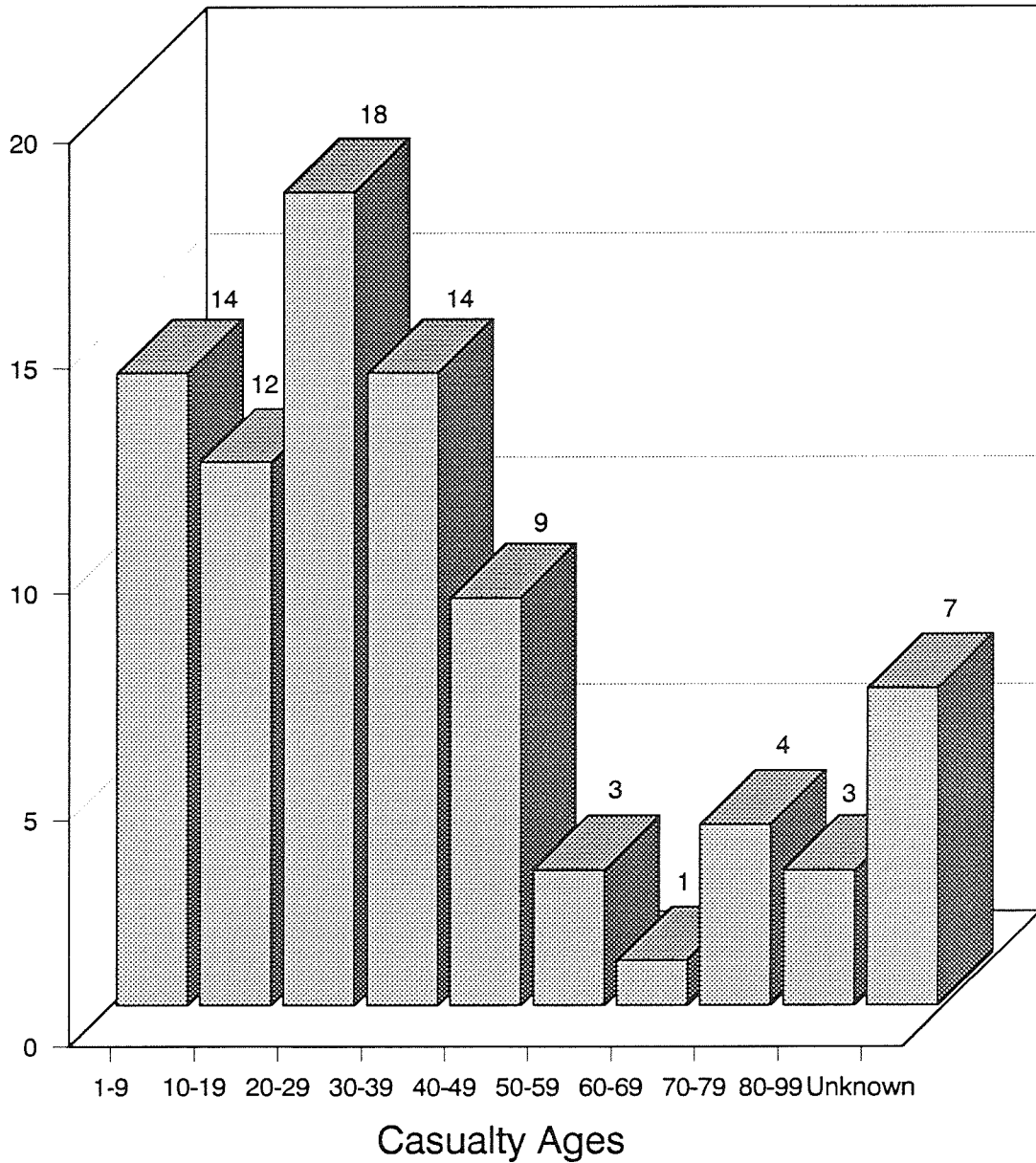
Physical Condition



# Civilian Injuries & Fatalities



## Civilian Injuries & Fatalities



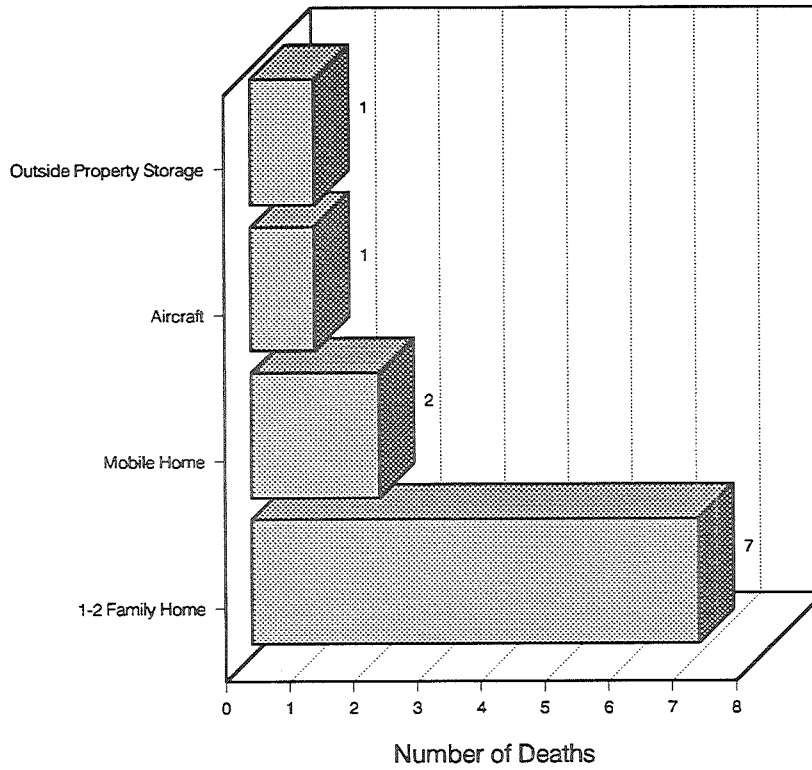
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*Fire still remains a danger to the young child with six fatalities under 10 years old.*

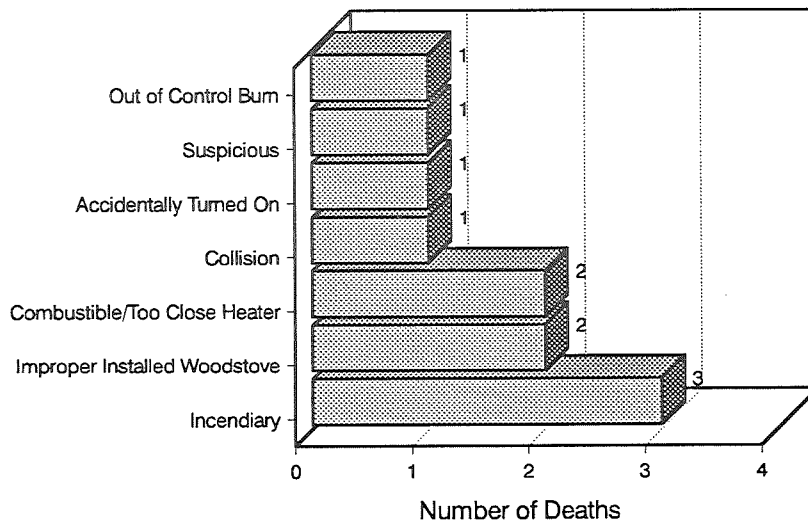
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# Civilian Deaths

(By Property Type)

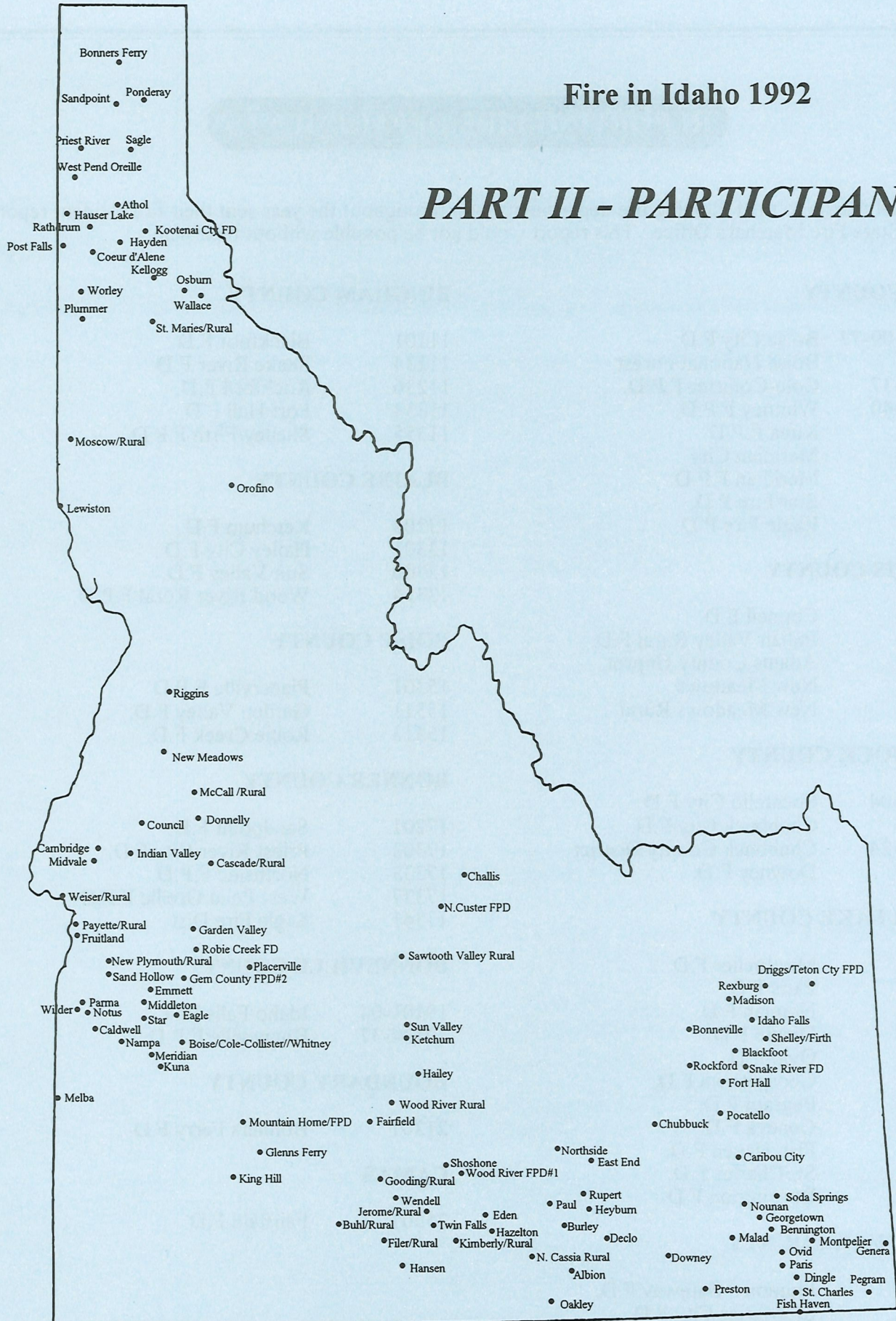


(By Cause)



# Fire in Idaho 1992

## PART II - PARTICIPANTS



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## REPORTING FIRE DEPARTMENTS

A special thanks to the following fire departments who throughout the year sent their fire incident reports to the State Fire Marshal's Office. This report would not be possible without their help.

### ADA COUNTY

01101-09-77 Boise City F.D.  
01162 Boise National Forest  
01236-37 Cole-Collister F.P.D.  
01239-40 Whitney F.P.D.  
01246 Kuna F.P.D.  
01313 Meridian City  
01334 Meridian F.P.D.  
01342 Star Fire P.D.  
01344 Eagle Fire P.D.

### ADAMS COUNTY

03320 Council F.D.  
03334 Indian Valley Rural F.D.  
03349 Adams County Unprot.  
03325 New Meadows  
03340 New Meadows Rural

### BANNOCK COUNTY

05101-04 Pocatello City F.D.  
05207 Chubbuck City F.D.  
05323-24 Chubbuck County District  
05326 Downey F.D.

### BEAR LAKE COUNTY

07301 Montpelier F.D.  
07334 Paris F.D.  
07344 Nounan F.D.  
07335 Dingle F.D.  
07336 Ovid F.D.  
07337 Georgetown F.D.  
07338 Pegram F.D.  
07339 Geneva F.D.  
07341 Fish Haven F.D.  
07342 St. Charles F.D.  
07343 Bennington F.D.

### BENEWAH COUNTY

09302 Plummer-Gateway F.D.  
09325 St. Maries City F.D.  
09366 St. Maries Rural F.D.

### BINGHAM COUNTY

11101 Blackfoot F.D.  
11234 Snake River F.D.  
11236 Rockford F.D.  
11334 Fort Hall F.D.  
11355 Shelley/Firth F.P.D.

### BLAINE COUNTY

13203 Ketchum F.D.  
13301 Hailey City F.D.  
13306 Sun Valley F.D.  
13334 Wood River Rural F.P.D.

### BOISE COUNTY

15301 Placerville F.P.D.  
15311 Garden Valley F.D.  
15313 Robie Creek F.D.

### BONNER COUNTY

17201 Sandpoint F.D.  
17303 Priest River City F.D.  
17333 Northside F.P.D.  
17337 West Pend Oreille F.P.D.  
17341 Sagle Fire Dist.

### BONNEVILLE COUNTY

19101-04 Idaho Falls F.D.  
19134-37 Bonneville F.P.D.

### BOUNDARY COUNTY

21301 Bonners Ferry F.D.

### CAMAS

25301 Fairfield F.D.

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**CANYON COUNTY**

27101 Nampa F.D.  
27134 Nampa F.P.D.  
27211 Caldwell City F.D.  
27246 Caldwell Rural F.D.  
27307 Wilder City F.D.  
27309 Notus City F.D.  
27311 Parma F.D.  
27336 Middleton F.P.D.  
27344 Melba Rural F.P.D.

**CARIBOU COUNTY**

29301 Soda Springs F.D.  
29305 Caribou County F.D.

**CASSIA COUNTY**

31201 Burley City F.D.  
31236 N. Cassia Rural F.P.D.  
31334 Declo F.P.D.  
31342 Albion F.P.D.

**CLEARWATER COUNTY**

35303 Orofino City/Rural F.D.

**CUSTER COUNTY**

37301 Sawtooth Valley Rural F.D.  
37302 Challis City F.D.  
37334 N. Custer Fire P.D.

**ELMORE COUNTY**

39301 Mountain Home F.D.  
39303 Glens Ferry F.D.  
39334 Mountain Home F.P.D.  
39336 King Hill/Glens Ferry F.P.D.

**FRANKLIN COUNTY**

41301 Preston City F.D.

**GEM COUNTY**

45301 Emmett City F.D.  
45339 Gem County Fire P.D. #2

**GOODING COUNTY**

47301 Gooding City F.D.  
47303 Wendell City F.D.  
47333 Gooding Fire P.D.  
47335 Wendell F.P.D.

**IDAHO COUNTY**

49350 Riggins City/Rural F.D.

**JEROME COUNTY**

53201 Jerome City F.D.  
53309 Hazelton F.D.  
53333 Jerome Rural F.D.  
53353 Eden/First Segregation F.P.D.

**KOOTENAI COUNTY**

55201-02 Coeur d'Alene City F.D.  
55234 Kootenai County F.D. #1  
55336 Worley F.D.  
55340 Post Falls Fire P.D.  
55342 Hayden Lake F.D.  
55344 Rathdrum Rural F.P.D.  
55346 Hauser Lake Fire P.D.  
55352 Athol Fire P.D.

**LATAH COUNTY**

57301 Moscow City F.D.  
57334 Moscow Rural F.D.

**LINCOLN**

63301 Shoshone City F.D.  
63333 Wood River F.D. #1

**MADISON COUNTY**

65202 Rexburg City F.D.  
65234 Rexburg/Madison F.P.D.

**MINIDOKA COUNTY**

67301 Rupert City F.D.  
67334 West End Fire P.D.  
67335 Northside/Rupert F.D.  
67336 Heyburn Fire P.D.  
67337 East End Fire P.D.

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**NEZ PERCE**

69201-04 Lewiston City F.D.  
69168 Nez Perce National Forest

**PAYETTE COUNTY**

75301 Payette City F.D.  
75302 Fruitland F.D.  
75303 New Plymouth F.D.  
75334 Payette Rural F.D.  
75336 New Plymouth Rural  
75338 New Plymouth V.F.D.  
75340 Sand Hollow F.D.

**POWER COUNTY**

77324 Chubbuck F.P.D.

**SHOSHONE COUNTY**

79201 Kellogg City F.D.  
79203 Wallace F.D.  
79234 Shoshone Fire P.D. #2  
79236 Shoshone Cty F.P.D. #1

**TETON COUNTY**

81301 Driggs City F.D.  
81334 Teton County F.P.D.

**TWIN FALLS COUNTY**

83101-03-51 Twin Falls F.D.  
83207 Buhl F.D.  
83305 Kimberly City F.D.  
83309 Hansen F.D.  
83311 Filer Fire/Rescue  
83334 Kimberly F.P.D.  
83336 Buhl Rural F.D.  
83338 Filer Fire/Rural

**VALLEY COUNTY**

85301 McCall City F.D.  
85302 Cascade City F.D.  
85304 Donnelly F.D.  
85334 Cascade Rural F.P.D.  
85339 McCall Rural

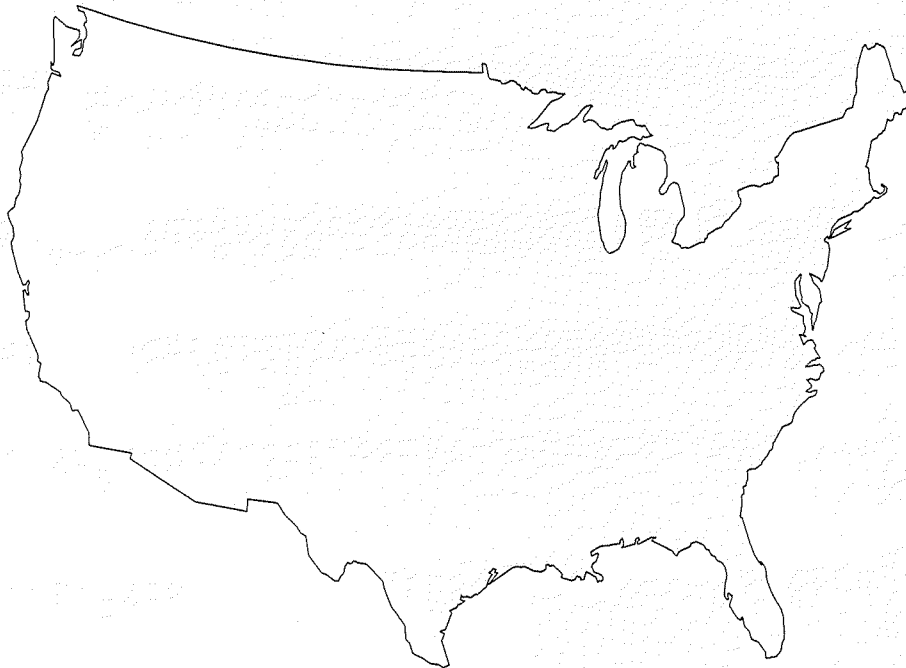
**WASHINGTON COUNTY**

87301 Weiser City F.D.  
87330 Cambridge F.D.  
87334 Weiser Rural F.D.  
87336 Midvale F.D.

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**Fire in Idaho 1991**

***PART III - NATIONAL FIRE FACTS***



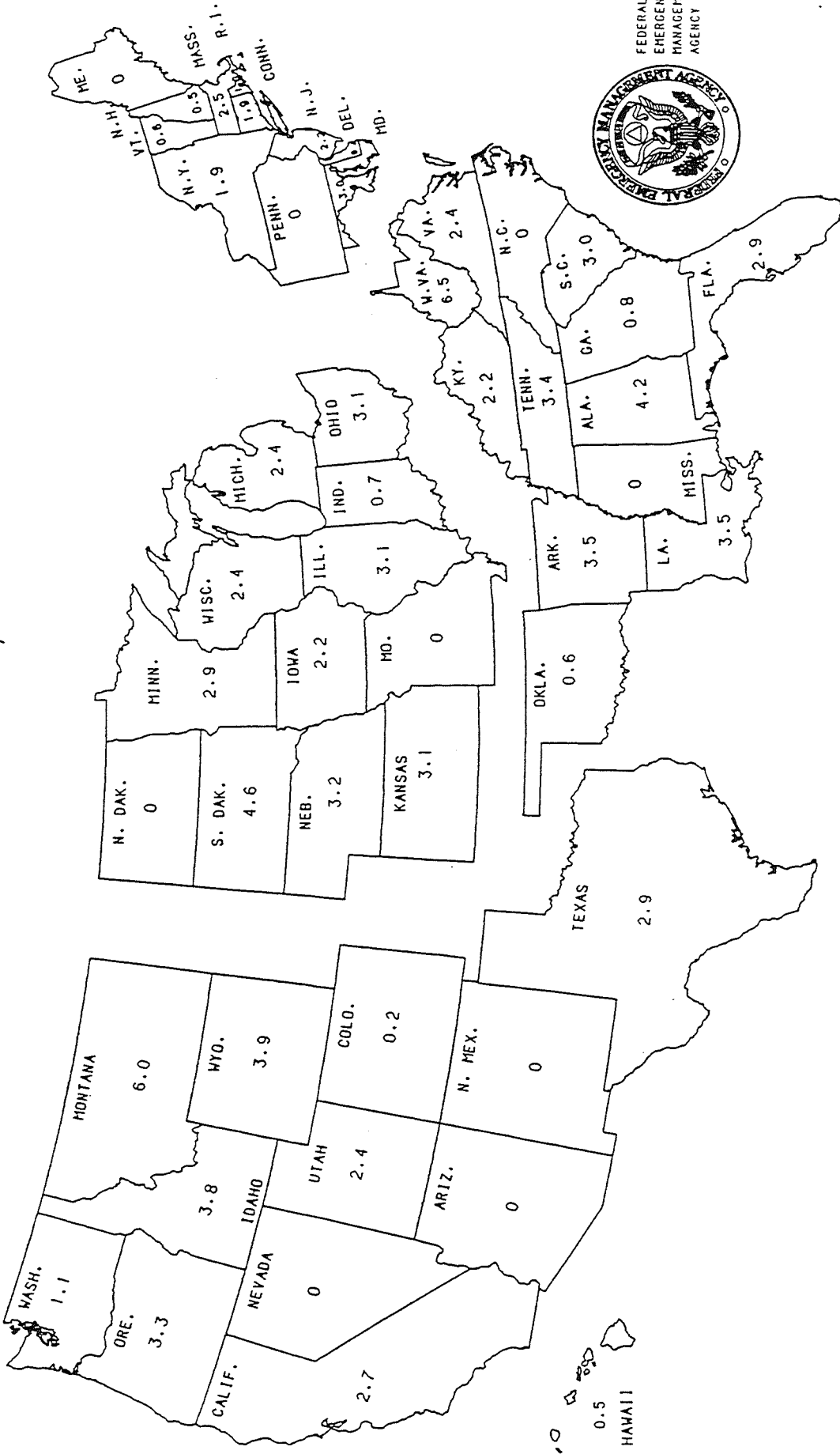


# 1991 NFIRS DATA ALL FIRES

STATE ABREV	NUMBER OF FIRES	FF DEATHS	CIV DEATHS	TOT DEATHS	FF INJ	CIV INJ	TOTAL INJ	DOLLAR LOSS	DEATHS PER 1000 FIRES	INJ PER 1000 FIRES	DOLLAR LOSS PER FIRE
AK	3,058	0	21	21	23	70	93	\$35,476,723	6.8	30.4	\$11,601
AL	3,322	0	14	14	19	78	97	\$9,886,802	4.2	29.1	\$2,976
AR	11,411	0	40	40	96	115	211	\$50,194,235	3.5	18.4	\$4,398
CA	141,079	4	387	391	1,451	1,920	3,371	\$799,403,762	2.7	23.8	\$5,666
CO	4,792	0	1	1	30	263	293	\$9,264,411	.2	61.1	\$1,933
CT	19,625	1	37	38	682	418	1,100	\$59,224,655	1.9	56.0	\$3,017
FL	40,533	0	120	120	465	1,010	1,475	\$128,623,612	2.9	36.3	\$3,173
GA	7,115	0	6	6	22	65	87	\$22,432,559	.8	12.2	\$3,152
HI	3,979	0	2	2	39	29	68	\$19,104,703	.5	17.1	\$4,808
IA	13,502	0	30	30	123	175	298	\$57,101,714	2.2	22.0	\$4,229
ID	5,462	0	21	21	57	84	141	\$22,301,865	3.8	25.8	\$4,083
IL	78,642	1	247	248	851	1,554	2,405	\$245,181,170	3.1	30.5	\$3,117
IN	20,160	0	16	16	136	119	255	\$43,495,850	.7	12.6	\$2,157
KS	21,079	2	64	66	254	324	578	\$91,810,316	3.1	27.4	\$4,355
KY	14,586	0	33	33	210	213	423	\$57,050,371	2.2	28.8	\$3,884
LA	21,403	2	74	76	273	306	579	\$74,036,940	3.5	27.0	\$3,459
MA	30,780	0	78	78	1,474	837	2,311	\$153,002,614	2.5	75.0	\$4,970
MD	32,542	1	98	99	457	535	992	\$128,190,962	3.0	30.4	\$3,939
MI	59,977	2	144	146	672	806	1,478	\$437,700,377	2.4	24.6	\$7,297
MN	16,674	0	49	49	209	375	584	\$105,685,160	2.9	35.0	\$6,338
MT	4,931	0	30	30	33	76	109	\$28,093,766	6.0	22.1	\$5,697
NE	8,564	0	28	28	73	197	270	\$31,601,636	3.2	31.5	\$3,690
NH	3,967	0	2	2	102	69	171	\$18,248,015	.5	43.1	\$4,599
NJ	36,029	1	79	80	1,003	632	1,635	\$57,138,809	2.2	45.3	\$1,585
NY	66,127	4	127	131	2,267	1,041	3,308	\$533,483,885	1.9	50.0	\$8,067
OH	60,205	2	186	188	1,108	1,387	2,495	\$221,004,630	3.1	41.4	\$3,670
OK	11,473	0	7	7	89	62	151	\$40,821,757	.6	13.1	\$3,558
OR	13,535	0	46	46	156	278	434	\$76,605,087	3.3	32.0	\$5,659
RI	9,408	0	10	10	144	58	202	\$47,343,263	1.0	21.4	\$5,032
SC	10,363	0	32	32	32	75	107	\$31,881,847	3.0	10.3	\$3,076
SD	4,048	0	19	19	19	34	53	\$12,319,687	4.6	13.0	\$3,043
TN	15,907	0	55	55	146	228	373	\$65,674,961	3.4	23.4	\$4,128
TX	88,468	0	261	261	904	1,425	2,329	\$366,759,930	2.9	26.3	\$4,145
UT	7,761	0	19	19	55	217	272	\$25,119,444	2.4	35.0	\$3,236
VA	26,579	0	65	65	299	616	915	\$95,977,659	2.4	34.4	\$3,611
VT	3,016	0	2	2	22	38	60	\$16,315,033	.6	19.8	\$5,409
WA	2,580	0	3	3	20	20	40	\$17,398,772	1.1	15.5	\$6,743
WI	9,863	0	24	24	212	265	477	\$148,805,945	2.4	48.3	\$15,087
WV	9,509	2	60	62	160	139	299	\$76,373,507	6.5	31.4	\$8,031
WY	3,266	1	12	13	19	34	53	\$15,825,474	3.9	16.1	\$4,816
CW	945,434	23	2,549	2,572	14,405	16,187	30,592	\$4,475,961,908	2.7	32.3	\$4,734

# 1991 NFIRS DATA - ALL FIRES DEATHS PER 1,000 FIRES

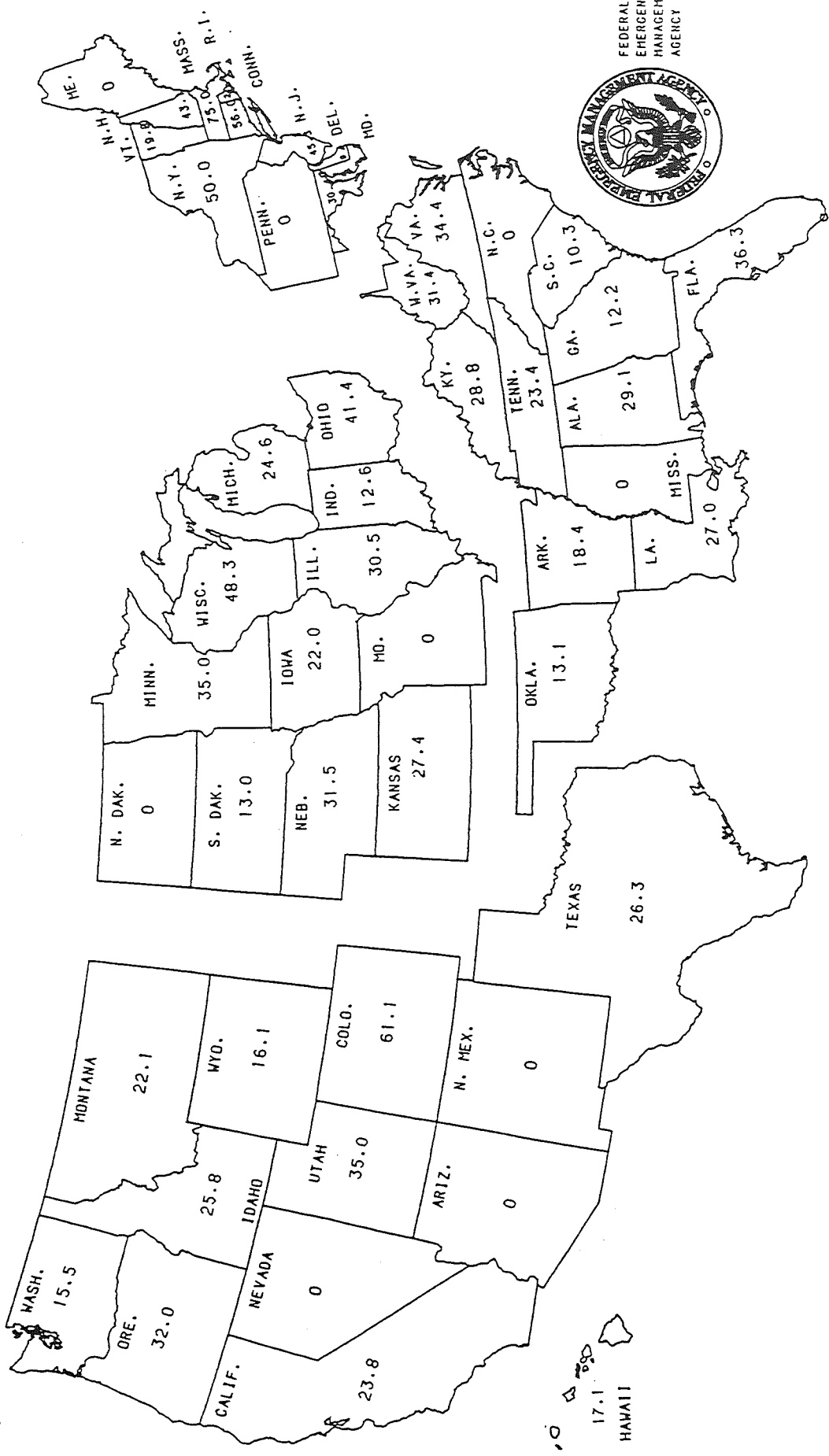
ALASKA



FEDERAL  
EMERGENCY  
MANAGEMENT  
AGENCY

# 1991 NFIRS DATA - ALL FIRES INJURIES PER 1,000 FIRES

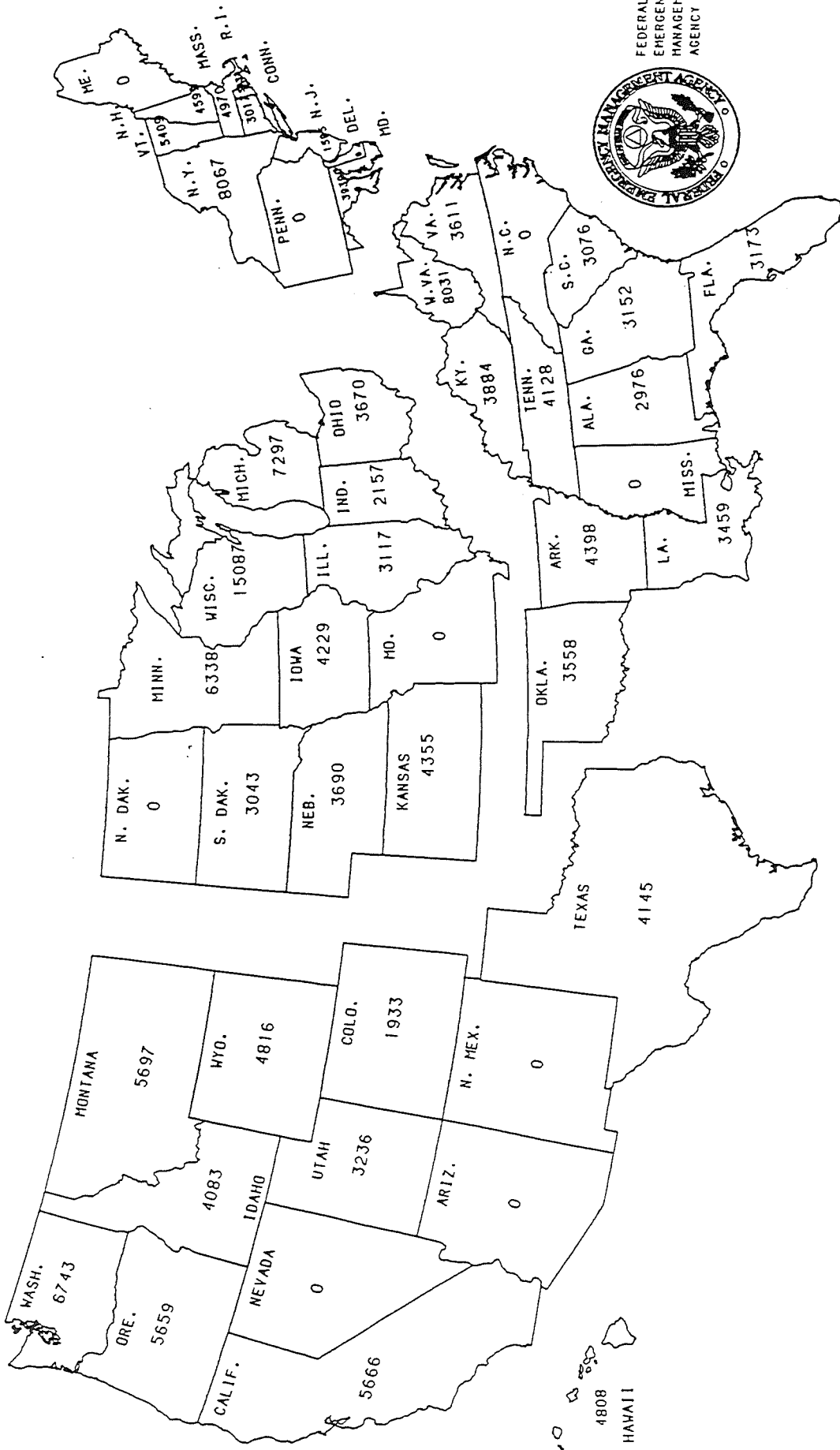
ALASKA



FEDERAL  
EMERGENCY  
MANAGEMENT  
AGENCY

# 1991 NFIRS DATA - ALL FIRES DOLLAR LOSS PER FIRE

ALASKA



FEDERAL  
EMERGENCY  
MANAGEMENT  
AGENCY

OVERALL RATE: \$4,734.

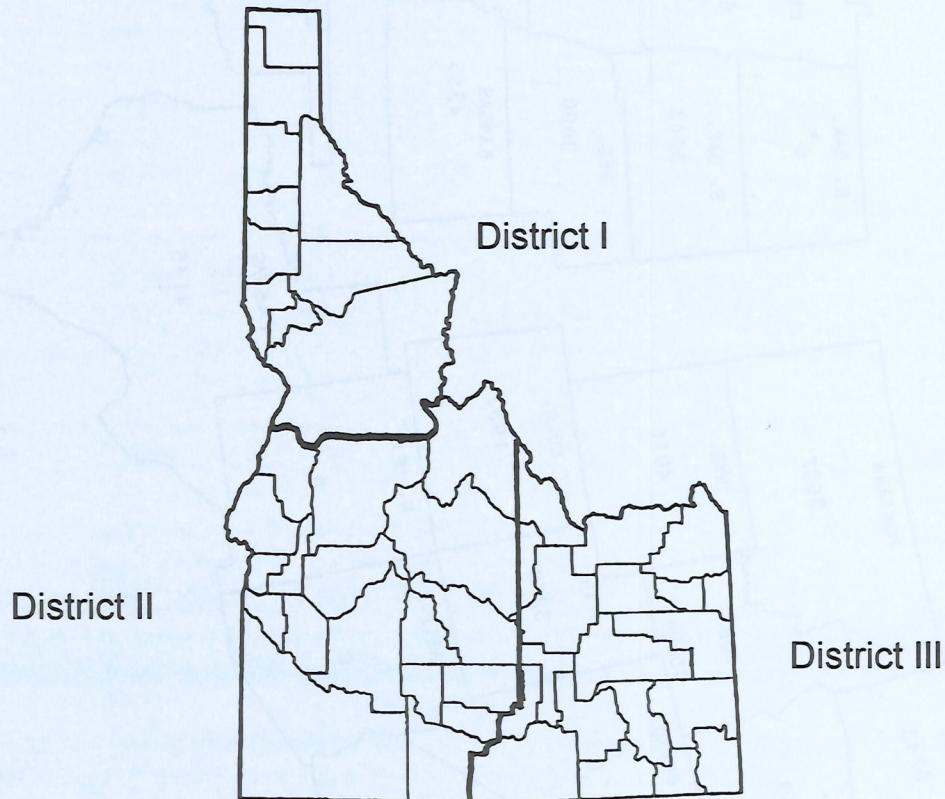
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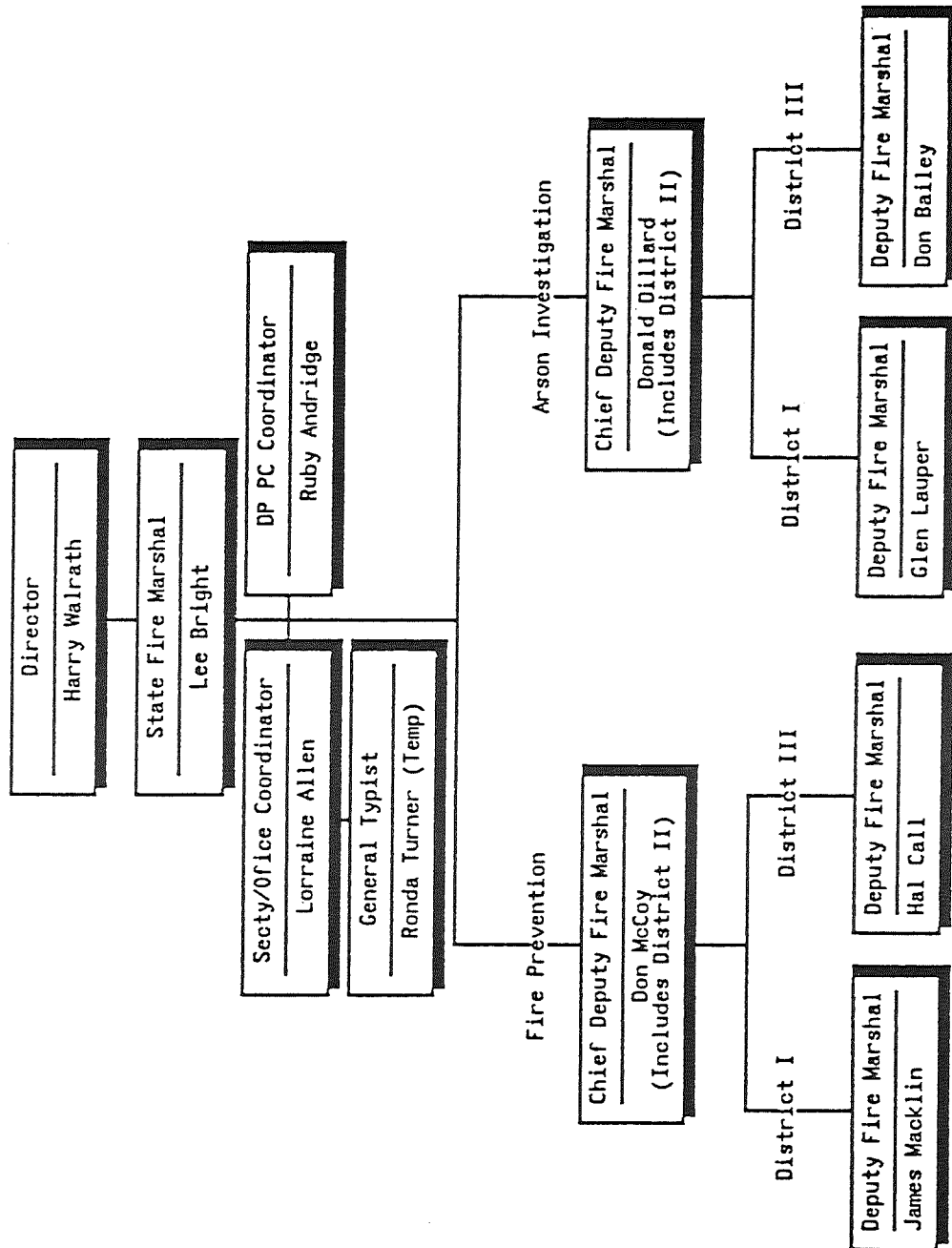
Fire in Idaho 1992

***PART IV - STATE FIRE MARSHAL  
ACTIVITY REPORTS***

**This section is made up of annual reports from the Fire Marshal and employees from the three districts of the Fire Marshal's Office.**



# STATE FIRE MARSHAL'S OFFICE



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## STATE APPOINTED BOARDS

### STATE FIRE MARSHAL ADVISORY BOARD

Dale Costa, Kellogg/Shoshone Fire Prot. Dist. #2  
Cary Campbell, Chubbuck Fire Dept.  
Phil Clough, Twin Falls Fire Dept.  
Bill Cowin, St. Maries City/Rural F.D.  
Ken Robinson, Moscow Fire Dept.  
Bill Squires, Whitney Fire P.D.  
Jim Auclair, Jerome Fire Dept.  
Richard Wolf, Pocatello Fire Dept.  
Richard Hahn, Idaho Falls Fire Dept.  
Tom Johnson, Ketchum Fire Dept.  
Thayne Taylor, Rupert Fire Dept.  
Claire Harkins, Fire Service Training  
Jeannine Benson, Assoc. of Idaho Cities

Appointed by the State Fire Marshal, this board includes the Board of Directors of the Idaho Fire Chiefs Association.

### UNDERGROUND STORAGE TANK TECHNICIAN CERTIFICATION BOARD

John Hiler, Hiler Bros. Company, Chairman  
Mark Jensen, Lakeview Chevron  
Clint Wilson, Petrol Services  
Vacant  
Lance Neilsen, Division of Environmental Quality

Appointed by the Governor, this board enforces Regulation No. 63 that regulates persons for hire to perform services for underground storage tank projects. The regulation was enacted to assure that underground storage tank systems were being serviced in a manner which will protect the land, waters and public health within the state of Idaho.

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## STATE FIRE MARSHAL'S OFFICE STAFF



Hal Call, Jim Macklin, Lorraine Allen, Lee Bright, Don Dillard, Glenn Lauper,  
Don McCoy and Don Bailey. Ruby Andridge and Ronda Lowe are not shown.



## FIRE PREVENTION

The Fire Prevention Section is charged with the responsibility of enforcing the adopted version of the Uniform Fire Code. Duties include inspection of hotels, motels, and other buildings; review of new construction plans of state-owned buildings and schools; certification of fire inspectors; and assisting local fire jurisdictions upon request. In addition, they teach the Uniform Fire Code, Basic Fire Prevention, Cause and Origin and Fire Inspection classes.

Three deputies serve and assist the fire service in its efforts to solve fire safety and protection problems. Their challenge is to educate the fire service and public in their jurisdictions to the benefits of the fire code and the uniform application.

### FIRE PREVENTION ACTIVITIES

<b>Fire Inspections</b>	<b>377</b>	<b>*Up 112 (42% increase)</b>
<b>Cause &amp; Origin Invest.</b>	<b>19</b>	
<b>Fire Code Interpretation</b>	<b>353</b>	<b>*Up 3 (11% increase)</b>
<b>Business Meetings</b>	<b>254</b>	
<b>Assistance</b>	<b>449</b>	<b>*Up 132 (42% increase)</b>
<b>Official Contacts</b>	<b>253</b>	
<b>Public Appearances</b>	<b>17</b>	
<b>Training Courses</b>	<b>30</b>	
<b>Schools &amp; Seminars</b>	<b>28</b>	
<b>Underground Tanks</b>	<b>48</b>	
<b>Plan Reviews (schools/state owned)</b>	<b>75</b>	<b>*Up 36 (92% increase)</b>

\*The increases are noted from 1991 activity.

### DISTRICT I

Jim Macklin, Deputy State Fire Marshal, Lewiston, Idaho.

Jim has been involved in code enforcement in new construction and remodeling. Problems arise when counties have not adopted the Uniform Fire Code and/or the Uniform Building Code. Planning and zoning boards would be helpful in this endeavor.

Jim gave a Uniform Fire Code class to certify fire inspectors in his area. He attended an arson seminar in Idaho Falls and the mid-winter Uniform Fire Code hearings in Dallas, Texas. These hearings included the rewrite of Article 79 and proposed rewrite of two other articles.

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## DISTRICT II

Don McCoy, Chief Deputy State Fire Marshal, State Fire Marshal's Office, Boise, Idaho

Don has completed 15 fire investigations, 61 plan reviews of schools and state-owned buildings and 106 fire inspections of buildings ranging from motels to schools. He has taught three Fire Inspection and three 1991 Uniform Fire Code classes. He has logged over 800 telephone calls related to fire prevention.

Don is charged with the rewrite of the Fire Inspector Examination to coincide with the 1991 Uniform Fire Code. The Fire Inspector Recertification examination is given every three years when there is a new code adoption. There has been great improvement in the scores.

## DISTRICT III

Hal Call, Deputy State Fire Marshal, Pocatello, Idaho

A major emphasis is given to the Hotel/Motel Fire Safety standards where inspection for smoke detector and sprinkler system installations are conducted.

There has been an increased involvement of new state buildings by reviewing plans and follow-up inspections such as the new women's prison. He has been working closely with architects to insure better and safer schools. His work is challenged by inadequate water supplies in areas where new construction is being proposed. He works closely with cities and fire districts as they are facing an ever increasing burden to provide adequate fire protection service with a decreasing amount of money. He has been active in helping fire districts and smaller cities with funding grants for building new fire stations and upgrading fire services.

## FIRE/ARSON INVESTIGATIONS

The Fire/Arson Section assists fire departments and law enforcement agencies throughout the state in the determination of the origin and cause of fires. They also assist in the follow-up investigation and prosecution of persons responsible for intentionally set fires. They provide investigative assistance and training in the formation of fire/arson task force teams. Each district has a fire/arson van available.

Their goals are to continue to work with local and state agencies in the prevention of fires, increase communication and cooperation with all agencies in fire and law enforcement, continue to promote fire/arson task force efforts, and to arrest and prosecute arsonists.

<b>ARSON AND FRAUD ACTIVITIES INVESTIGATIONS BY PROPERTY CLASS</b>	
<b>Arson</b>	<b>22</b>
<b>Suspicious Fires</b>	<b>12</b>
<b>Accidental Fires</b>	<b>53</b>
<b>All Other</b>	<b>1</b>
<b>Total Investigations</b>	<b><u>88</u></b>
<b>Business Mtgs.</b>	<b>189</b>
<b>Official Contacts</b>	<b>394</b>
<b>Public Appearances</b>	<b>3</b>
<b>Training Courses</b>	<b>17</b>
<b>Schools/Seminars</b>	<b>23</b>

### DISTRICT I

Glenn Lauper, Deputy State Fire Marshal, Coeur d'Alene, Idaho

Glenn researched model arson laws across the nation and Canada while at the National Fire Academy. This led the way for new proposed changes in the Idaho Code for arson legislation. Among the proposed changes are stiffer fines and penalties for arson crimes, provisions for aggravated arson (injuries to firefighters while responding to a call or during suppression), prevention or obstructing extinguishment of fire (tampering with tools, equipment, vehicles or communications) and false alarm penalties.

This proposed legislation has received the scrutiny of our office and, while still in the "rough draft state", will clean up the language of existing laws and make local prosecutors more comfortable in filing arson charges. Support and passage of these proposed changes will certainly be linked as a deterrent to arson fires.

The North Idaho Arson Task force assisted this office in eight arson investigations that led to seven arrests for arson related crimes. This has kept Glenn busy in the courtroom and in close contact with local and state attorneys in the prosecution of these crimes.

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## DISTRICT II

Don Dillard, Chief Deputy State Fire Marshal, State Fire Marshal's Office, Boise, Idaho

Of the \$11,000,000 in fire losses investigated, \$2,153,000 were arson related. Don assisted in the investigation of four fatalities which are suspected homicides. One accidental fire turned out to be a "Pot Growing" operation. This resulted in the seizure of a large amount of cash, personal property and land.

Don participated in the set up of three training classes on illegal lab investigations. He is also involved in initiating a fire/arson recognition training course for newly formed "Special Investigative Units" now being set up by the insurance industry in Idaho. The major losses in this district have been mainly warehouses with the exception of several expensive homes in the Ketchum/Sun Valley area.

Ada and Canyon County Arson Task Force teams have each made arrests for arson related fires this year that resulted in convictions.

## DISTRICT III

Don Bailey, Deputy State Fire Marshal, Pocatello, Idaho

Don gave investigative assistance or training to twenty-four counties. He investigated 23 fires: ten residential, nine commercial, two farms and two vehicles. Seven suspicious fires resulted in four arrests and a conviction. Two are still under investigation.

He provided assistance to Franklin County Sheriff and Preston Police Department to organize a task force to investigate an arson and vandalism problem. Minidoka/Cassia and Idaho Falls/Bonneville County Task Force Teams remain very active. Blackfoot/Bingham County have reorganized and actively pursue additional training. Franklin County (Preston Fire Department, Police Department and Sheriff's office) and Mackay Fire Department and Custer County Sheriff's Office have requested assistance in the training and formation of fire/arson task force teams.

The fire/arson van was utilized on nine fire scene investigations. Orientation classes on the van were conducted at Salmon, Stanley and North Fork involving approximately 65 fire service and law enforcement personnel.

There were 62 persons throughout the district attending Fire/Arson Detection classes. The Advanced Fire/Arson Investigative Techniques course was conducted in Kimberly to 24 fire and law enforcement personnel. Orientation of the Certified Fire Investigator Program was given at the Idaho Chapter of IAAI annual conference.

Don presented—on behalf of the State Fire Marshal—the State Fire Marshal's Outstanding Achievement Award to Heyburn firefighter Doug Brown and Rupert Police Officers Brent Wright and Spencer Uhl for rescue and life saving efforts at a residential fire in Heyburn.

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## **IDAHO FIRE INCIDENT REPORTING SYSTEM**

Ruby Andridge, Project Manager, State Fire Marshal's Office, Boise, Idaho

The Idaho Fire Incident Reporting System collects and analyzes fire information on fires occurring in Idaho. Using the standardized coding and reporting format, which is part of a national network for fire incident reporting, IFIRS assimilates information reported by contributing fire departments. This information is transmitted to fire departments through quarterly reports to assist fire officials in fire prevention, fire-safety education, manpower and funding allocation.

This report reflects 86% of Idaho's population protected by fire departments. IFIRS welcomes the following departments to the reporting system: Blackfoot, Cambridge, Chubbuck, Council, Fort Hall, Indian Valley, Midvale, Montpelier, New Meadows, Parma, Shelley, Wendell, and Worley.

Four counties have 100% of their fire departments participating in IFIRS: Jerome, Minidoka, Payette and Franklin. Congratulations!

There are 45 fire departments reporting by computer. Reporting software includes NFIRS, Firesoft, Proberchief, Advance Command Systems, CRIS-Fire, etc. All reporting software is to be NFIC approved.

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## AUDIO VISUAL LIBRARY

The State Fire Marshal's office has an audio-visual library available to local fire departments upon request. Most popular videos in 1992 were:

V0027	"Arson" Our Most Costly Crime
V0028	Home Fire Survival, Bondi Story
V0103	Small Hands, Big Fire
V0105	Safe Baby-sitting
V0115	The Oakland Conflagration

## DAY-CARE INSPECTORS

There are **210 certified fire inspectors** who will inspect day-care centers for compliance with fire code pursuant to Regulation G.55. Interested parties may contact the Department of Health and Welfare or this office for names.

## FIRE INSPECTOR CERTIFICATION

Per Regulation 43, Fire Inspector Certification went into effect January 1, 1983, to ensure that fire inspectors throughout the state have met a minimum standard. There are **403 certified fire inspectors in Idaho** as of December 31, 1992.

## FIRE PROTECTION SPRINKLER LICENSE

Fire Protection Sprinkler Licenses went into effect January 1, 1987, promulgated by Regulation 18 G.2. This regulation went into effect to set standards and ensure the competency of Sprinkler Companies who work in the state of Idaho. There are **32 companies licensed in Idaho**, an increase of 5 companies since 1991.

Licensing of Fire Protection Sprinkler Fitters became available through this regulation. However, it is not mandatory. There are **25 licensed sprinkler fitters** in Idaho.

## HOTEL/MOTEL FIRE SAFETY ACT

Pursuant to the Hotel/Motel Fire Safety Act of 1990, each state is to provide the Federal Emergency Management Agency (FEMA) with a list of hotels and motels meeting fire safety standards established in the act. Fire Prevention Deputies, along with local fire departments, have found **129 hotels and motels meet these standards**.

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## PROPERTY INSURANCE LOSS REGISTER

The PILR reports fire insurance claims paid to this office by licensed insurance companies on fire losses throughout the state. This year there were **1,155 claims with a reported loss of \$33,850,760**. Dollar loss is up by 35.5% from last year.

## UNDERGROUND STORAGE TANK TECHNICIAN CERTIFICATION

The State Fire Marshal's Office was mandated by Regulation 49 G.2 to license UST technicians. Examinations are given twice yearly in three separate locations of the state for Installers and Retrofitters, Closure/Removers and Tester certification. There are **113 Installer/Retrofitters, 98 Closure/Removers and 88 Tank Tightness Testers** licensed in Idaho as of December 31, 1992. Interested parties may contact this office for a list of current licensed technicians. Each job-site needs one certified technician for each position with an active card issued by the State Fire Marshal.