



2006

# Fire in Washington

Prepared by the Washington State Patrol  
Office of the State Fire Marshal



**PREVENT FIRES**  
**IT'S YOUR JOB!**



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STATE OF WASHINGTON

## WASHINGTON STATE PATROL

General Administration Building, PO Box 42600 - Olympia, Washington 98504-2600 — (360) 753-6540

June 1, 2007

Dear Fire Service Partners and Advocates:

I want to commend each of the 402 fire agencies that submitted emergency response data for the *2006 Fire in Washington Annual Report*. The information available through the National Fire Incident Reporting System (NFIRS) enables the Washington State Fire Service to illustrate the public safety services being delivered throughout our state every day.

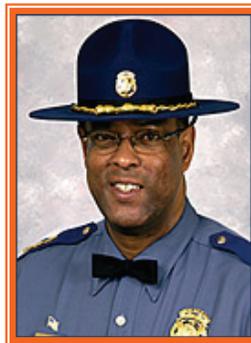
The NFIRS data being submitted to the State Fire Marshal's Office is instrumental in identifying the true fire problem, not only in Washington State but across our nation. As a contributing agency, you can be assured that your incident data is making a difference in the areas of building and fire codes, product safety, public education programs, and fire service training.

I would also like to thank the Washington Fire Chiefs and Washington Fire Commissioners Association for supporting the continued growth of the NFIRS program and for the leadership they have shown towards excellence in public safety.

Sincerely,

A handwritten signature in black ink that reads "John R. Batiste".

CHIEF JOHN R. BATISTE





STATE OF WASHINGTON

## WASHINGTON STATE PATROL

General Administration Building, PO Box 42600 - Olympia, Washington 98504-2600 — (360) 753-6540

June 1, 2007

Dear Partners in Fire Safety:

The annual *Fire in Washington Report* provides a summary of the incident activity reported to the National Fire Incident Reporting System (NFIRS) by participating fire agencies in our state. The information made available through NFIRS plays a key role in targeting the causes of fires and aids in making our communities safer. A fire prevention program such as the “**Prevent Fires – It’s Your Job!**” is an example of a campaign developed to specifically target the three leading causes of fire fatalities in Washington State.

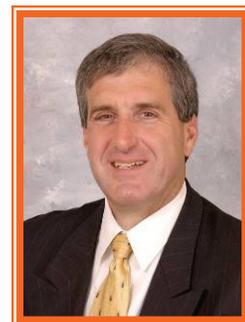
I commend the efforts that have already been demonstrated towards the NFIRS program, but recognize the need for more timely information on a statewide and national level. It is essential that the fire service move to monthly reporting so that more current information is available when it is requested. I challenge each of you to:

- Encourage neighboring fire agencies that are not currently participating in NFIRS to implement the nationally recognized standard. Remind them that the Assistance to Firefighters Grant requires NFIRS reporting in order to receive funding.
- Submit your fire agency’s NFIRS data on a monthly basis to the State Fire Marshal’s Office at [nfirs@wsp.wa.gov](mailto:nfirs@wsp.wa.gov). Current information is critical to decision-makers at the local, state, and national levels.
- Implement an incident review process within your agency to ensure documentation is consistent with the NFIRS standard. It is imperative that the information entered into your agency’s NFIRS software is reflective of the actual incident activity.

When these objectives are achieved, the NFIRS program will be recognized as a timely, reliable source of information that aids in identifying the true fire problem in our communities. I am confident that together we can improve incident reporting.

Sincerely,

Michael G. Matlick  
State Fire Marshal





June 1, 2007

To Fire Service Leaders of Washington State:

The Washington Fire Chiefs support the National Fire Incident Reporting System (NFIRS) and see value in collecting incident information that accurately reflects the services provided by fire agencies throughout Washington State. NFIRS provides a uniform reporting system that enables fire incident data to be analyzed across jurisdictional boundaries. As fire service leaders, we must not only implement NFIRS at the local level, but we must ensure our incident data is reported to the State Fire Marshal's Office on a monthly basis. This will enhance our ability to analyze trends and make adjustments based on more current information.

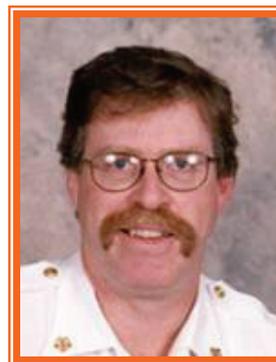
The NFIRS data provided by the Washington State Fire Service is essential to decision-makers responsible for implementing and maintaining the levels of service expected by the communities we serve. Reliable information is critical to the strategic planning process used to administer quality public safety programs at the local, state, and national levels.

The Washington Fire Chiefs, in partnership with the State Fire Marshal's Office, will continue to support the statewide collection and reporting of emergency incident data in order to more clearly articulate the challenges we face in fulfilling the public's expectations.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dan Packer", written over a horizontal line.

Chief Dan Packer, President  
Washington Fire Chiefs



## Preface

RCW 48.48.065 requires fire incidents to be reported to the Office of the State Fire Marshal in accordance with the National Fire Incident Reporting System (NFIRS). NFIRS is an all-incident reporting system that can capture the full range of incident activity. Many agencies document all incidents, while some agencies only report fires as stated in the statute.

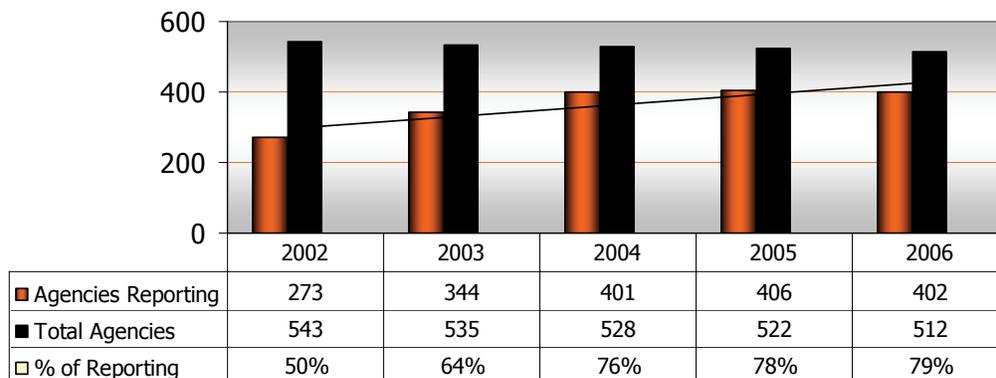
This report provides an overview of all incident categories reported in 2006, with fires as the primary focus. The statistical reports are generated from the United States Fire Administration web site. The figures come from NFIRS 5.0 data reported from Washington State. Figures presented may vary slightly based on the day the summary report was generated.

## Participation

RCW 48.48.065 states that fire agencies are required to submit fire incidents to the Office of the State Fire Marshal in accordance with the National Fire Incident Reporting System. NFIRS 5.0 is an all-incident reporting system that enables all fire agencies to document any incident electronically in a uniform format. The Office of the State Fire Marshal maintains the statewide NFIRS database, which is capable of accepting any incident documented in accordance with the NFIRS 5.0 format. In Washington, some agencies report only fires, while the majority of the agencies report all incident activity.

The number of agencies participating in NFIRS 5.0 remained steady in 2006. The chart below illustrates the number of agencies that provided NFIRS 5.0 data for the *Fire in Washington Annual Report*. This year's annual report includes incident information reported by 402 of the 512 fire agencies (79%), which represents an increase of 1% over the previous year.

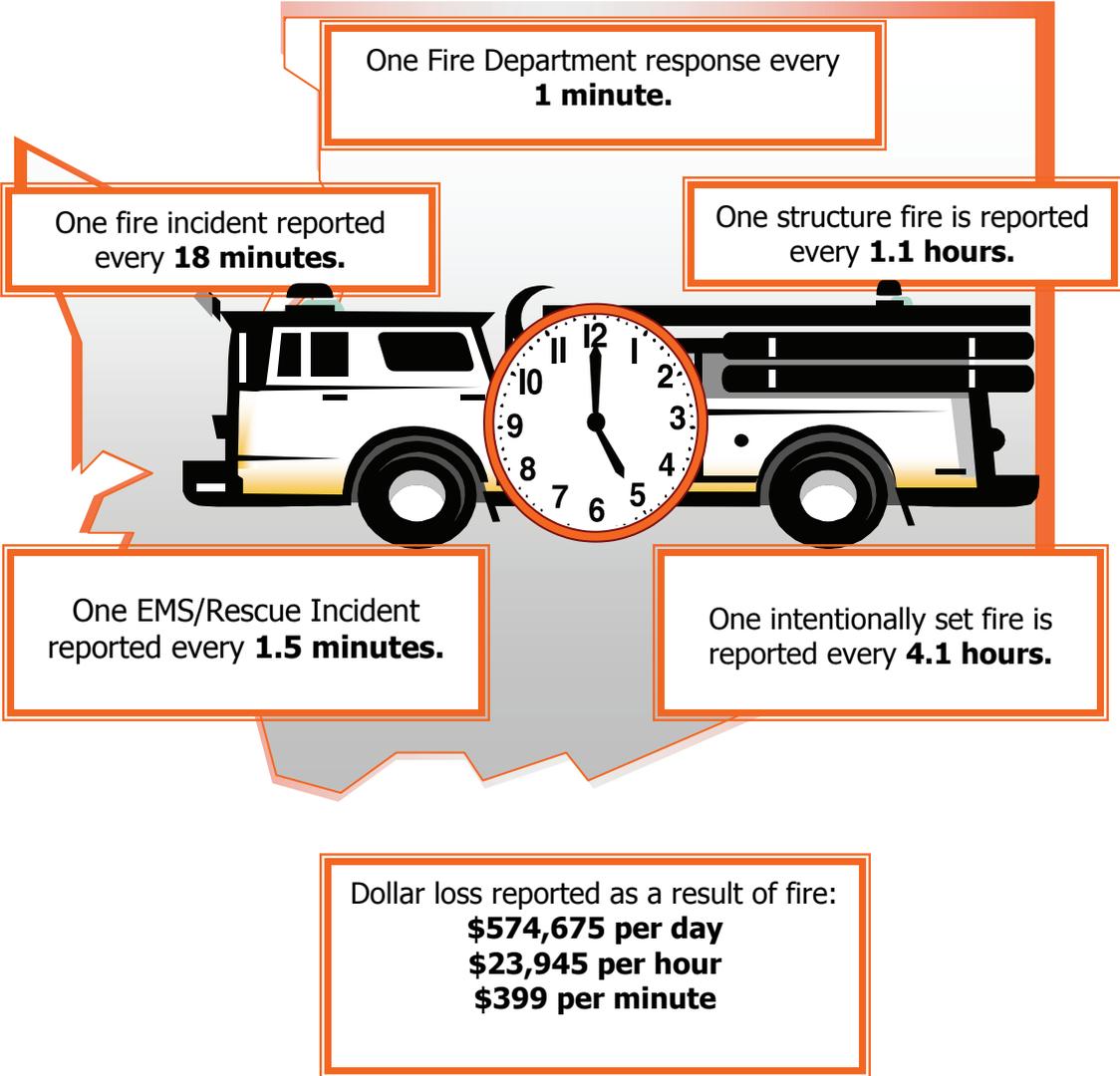
**NFIRS 5.0 Participation in Washington State**



The Office of the State Fire Marshal will continue to work closely with the fire service to encourage all agencies to participate. Requests for information are regularly received from the public, the media, legislature, and other state and federal agencies. Since NFIRS is quickly becoming recognized as a source of valuable information, it is necessary to gain access to the most current statewide NFIRS data. Each fire agency is encouraged to submit their data on a monthly basis so that the information provided reflects complete and accurate accounts of incident activity in our state.

# Washington State Fire Clock

## Frequency of Responses as Reported in 2006 Based on NFIRS data only.



## Incident Overview

The chart below provides a breakdown of all the incident categories provided in NFIRS. It is important to note that the dollar loss reported to NFIRS is based on estimates calculated by fire service personnel. Fire agencies are encouraged to be as accurate as possible when documenting dollar loss, since these figures are intended to provide insight into the financial impact fire has on our communities. Additionally, NFIRS information is used as a tool to target the fire problem.

While fire incidents accounted for 5% of the total incidents reported through NFIRS, these fires are estimated to have caused more than \$209 million in property and content loss and claimed the lives of 67 people in the state of Washington. Fire prevention must be practiced in places where people live, work, and play in order to reduce the occurrence of fire.

Rescue and Emergency Medical Service incidents were the leading incident type category, representing 66% of the total incidents. It is important to note that Rescue and Emergency Medical Service incidents are not reported by every fire agency, since only fire incidents are required to be reported. The second leading incident type category was Good Intent Calls (8%). This category includes cancelled en route incidents and incidents that did not require fire service assistance.

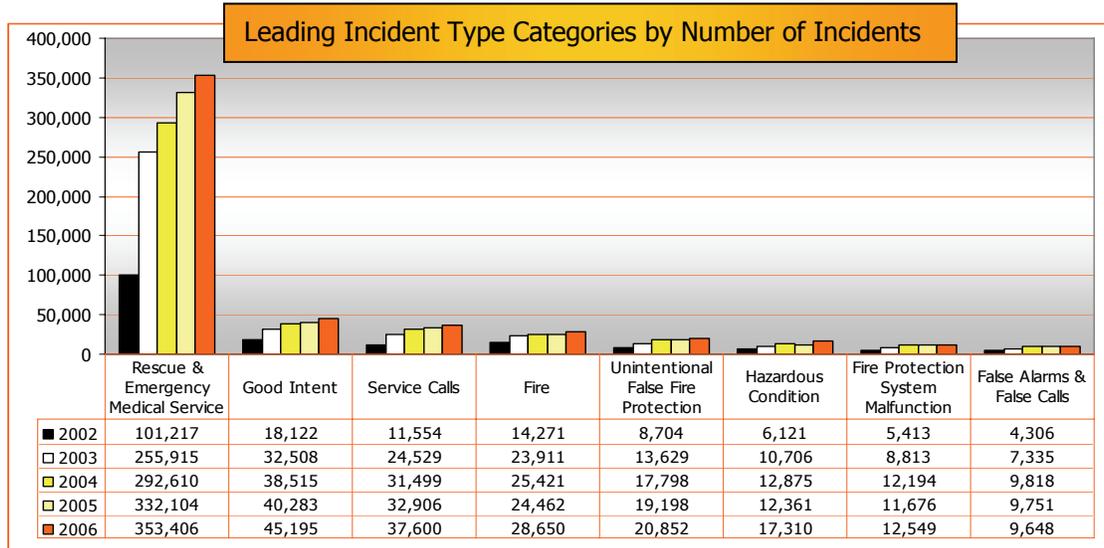
### Summary of 2006 Incident Type Categories

Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	28,650	5%	\$209,756,295	98%
Rescue and Emergency Medical Service	353,406	66%	\$1,435,542	1%
Hazardous Conditions (No Fire)	17,310	3%	\$888,735	0%
Service Calls	37,600	7%	\$725,785	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	1,380	0%	\$387,410	0%
Other Types of Incidents	5,396	1%	\$361,300	0%
Severe Weather & Natural Disaster	3,066	1%	\$261,200	0%
Unintentional False Fire Protection System Activation	20,852	4%	\$218,000	0%
Good Intent Calls	45,196	8%	\$146,770	0%
Fire Protection System Malfunction	12,549	2%	\$43,800	0%
False Alarms & False Calls	9,647	2%	\$0	0%
Undetermined Incident Type	83	0%	\$0	0%
<b>Grand Total</b>	<b>535,135</b>	<b>100%</b>	<b>\$214,224,837</b>	<b>100%</b>

Sorted by dollar loss. Mutual aid incidents are excluded. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Incident Comparison by Year

As fire agency participation in NFIRS increases, the number of incidents reported to NFIRS increases as well. Below is a comparison of the top eight incident type categories by year (2002-2006). As of 2004, the *Fire in Washington Annual Report* is based on NFIRS data only. Summary data that had been collected in 2002 and 2003 from large jurisdictions such as Seattle, Tacoma, Vancouver, and Spokane is not included in the graph below.



### Incident type category overview:

**Rescue and Emergency Medical Service:** Incidents include vehicle collisions, search, rescue, extrication, water and/or ice rescue, electrical rescue, and other related incidents.

**Good Intent:** Includes incidents where the fire department was dispatched and canceled en route, sent to the wrong location, or no incident found upon arrival. Controlled burning, steam mistaken for smoke, investigation of a hazardous materials release, and other types of good intent calls fall into this category.

**Service Calls:** Includes people in distress and public assistance, water leaks or evacuations, smoke odors, and animal problems.

**Fire:** Includes building and structure fires, fires in fixed mobile properties (mobile homes), vehicle fires, natural and cultivated vegetation, outside storage, and rubbish fires.

**Unintentional Fire Protection System Activations:** Includes fire sprinkler and fire alarm system activations that were not intentional.

**Hazardous Condition:** Includes flammable or combustible materials spills or releases, electrical wiring or equipment problems, biological hazards, potential incidents, explosive removals, and attempted burning.

**Fire Protection System Malfunction:** Includes fire sprinkler and fire alarm system malfunctions.

**False Alarms and False Calls:** Includes malicious and mischievous false calls.

## Fire Incidents

Fire incidents accounted for 5% of the total incidents in 2006. Fire agencies estimate that the 28,650 fires resulted in more than \$209 million in property and content loss.

Structure fires represented 28% of the total fires reported. The financial impact of structure fires in 2006 alone was estimated at more than \$187 million in property and content loss. Natural vegetation fires were the second leading fire category, accounting for 26% of the total fires and more than \$1.2 million in loss. Vehicle fires were the third leading fire category, resulting in the second highest dollar loss of more than \$14 million.

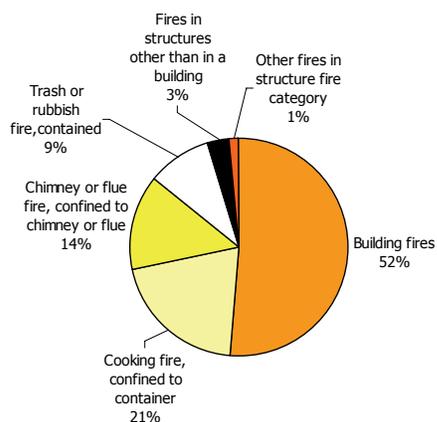
Eight percent of the fires reported in 2006 were coded as “fire, other.” These incidents omit fields of information that would otherwise provide insight into the fire problem. Fire agencies are encouraged to use incident type codes that best describe their fire incidents and eliminate incomplete data elements.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	8,135	28%	\$187,721,862	89%
Vehicle Fires (Mobile Properties)	4,692	16%	\$14,774,561	7%
Fixed Mobile Property Fires	303	1%	\$2,995,443	1%
Outside Storage & Equipment Fires	1,541	5%	\$1,461,158	1%
Natural Vegetation Fires	7,482	26%	\$1,256,935	1%
Fire Other	2,316	8%	\$732,178	0%
Cultivated Vegetation Fires	165	1%	\$436,850	0%
Outside Rubbish Fires	4,016	14%	\$377,308	0%
<b>Grand Total</b>	<b>28,650</b>	<b>100%</b>	<b>\$209,756,295</b>	<b>100%</b>

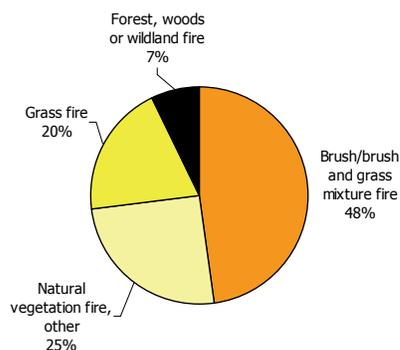
Sorted by dollar loss. Excludes aid given. Percents rounded to the nearest whole number and some categories represent less than 1%.

### Leading Fire Categories by Number of Incidents Reported

Structure Fire Category by Incident Type



Natural Vegetation Fire by Incident Type



Based on number of incidents reported

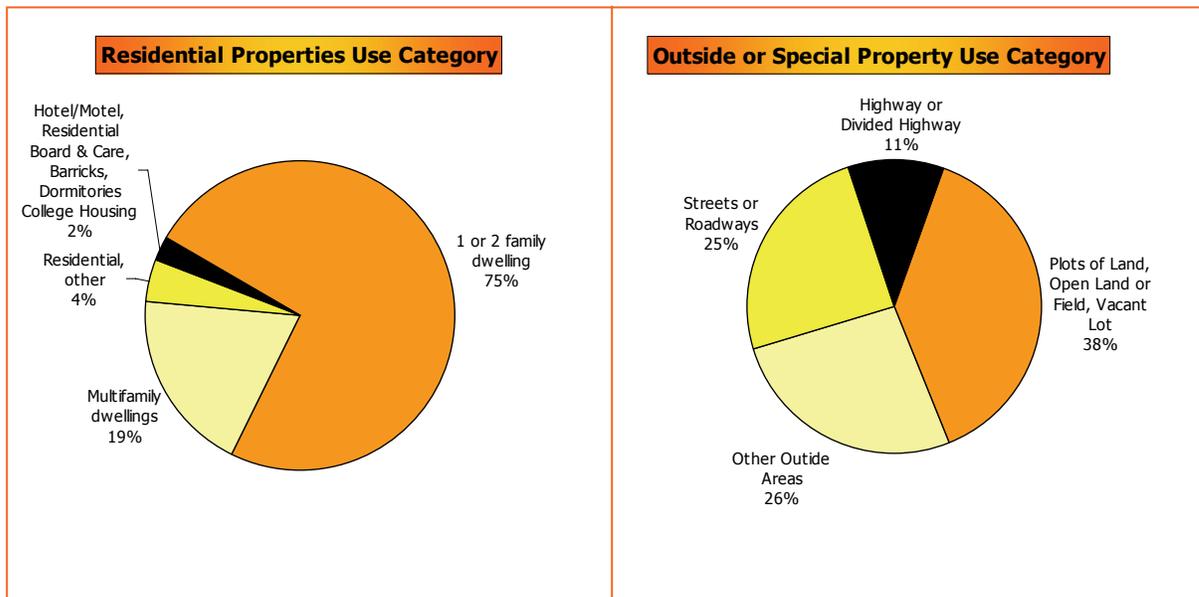
## Fire Incidents by Property Use

Outside or special properties were the leading property use category reported for fire incidents. This property use category includes open lands and fields, railroad right-of-ways, streets and highways, and other outside properties.

Residential properties ranked second in number of incidents, but number one in dollar loss. Included are one or two family dwellings, multifamily dwellings, hotels/motels, college housing, barracks, and dormitories.

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	10,438	36%	\$134,049,085	64%
Storage	722	3%	\$25,468,634	12%
Manufacturing and Processing	272	1%	\$19,213,315	9%
Outside or Special Properties	12,201	43%	\$10,264,526	5%
Mercantile and Business	995	3%	\$5,322,564	3%
Industrial, Utility, Defense, Agriculture, & Mining	537	2%	\$3,643,954	2%
Assembly	630	2%	\$3,500,528	2%
Educational	482	2%	\$3,244,434	2%
Other Property Uses	748	3%	\$2,170,679	1%
Health Care, Detention, and Corrections	183	1%	\$1,405,580	1%
None	276	1%	\$899,650	0%
Undetermined	1,142	4%	\$568,846	0%
<b>Grand Total</b>	<b>28,626</b>	<b>100%</b>	<b>\$209,751,795</b>	<b>100%</b>

Twenty-four fires were not included in this table because the property use was not documented. Sorted by dollar loss. Excludes exposure reports and aid given. Percents rounded to the nearest whole number and some categories represent less than 1%.



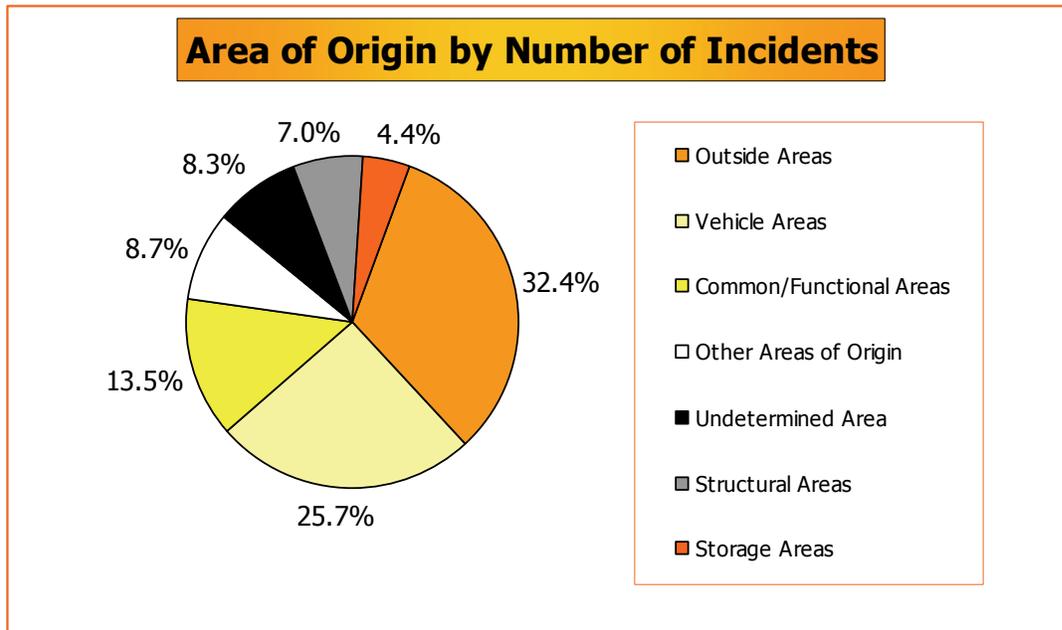
## Area of Origin

Area of Origin is documented when the Fire Module is completed. Even though every fire has an area of origin, NFIRS does not require every area of origin to be reported. Examples include fires that are confined to a non-combustible container, incident type code "fire, other," and wildland fires documented through the Wildland Module. The table below includes only incident information documented in the Fire Module.

Structural areas were reported with the greatest dollar loss; figures totaling more than \$52 million. Outside areas were the leading areas of origin reported in 2006, followed by vehicle areas. Undetermined areas accounted for 8% of the areas and 15% of the dollar loss.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structural Areas	1,097	7%	\$52,875,829	26%
Common/Functional Areas	2,110	13%	\$43,960,864	21%
Undetermined Area	1,301	8%	\$30,401,997	15%
Storage Areas	686	4%	\$26,511,359	13%
Vehicle Areas	4,026	26%	\$12,523,039	6%
Assembly Areas	272	2%	\$11,499,517	6%
Service or Equipment Areas	403	3%	\$11,346,443	5%
Outside Areas	5,070	32%	\$8,174,028	4%
Means of Egress (Exit/Exit Access/Exit Discharge)	171	1%	\$4,677,536	2%
Technical Processing Areas	38	0%	\$3,112,860	2%
Other Areas of Origin	486	3%	\$2,135,956	1%
<b>Grand Total</b>	<b>15,660</b>	<b>100%</b>	<b>\$207,219,428</b>	<b>100%</b>

Sorted by dollar loss. Percents rounded to the nearest whole number and some categories represent less than 1%.



## Heat Sources

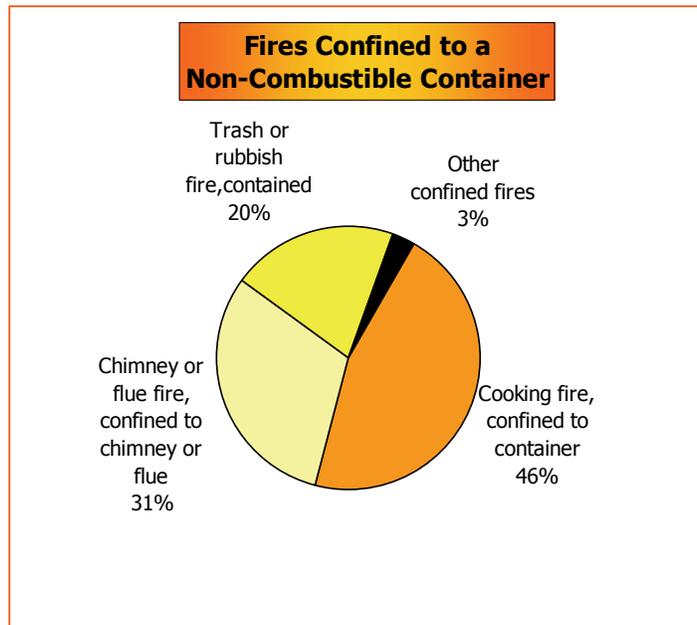
Heat Source is documented in the Fire Module in NFIRS. Fires confined to a non-combustible container, documented as "fire, other," and heat sources documented in the optional Wildland Module are not included in the table below.

"Undetermined" heat source was reported in 34% of the fire incidents, with associated dollar loss estimated over \$98 million. Operating equipment was the leading known heat source. This category includes sparks, embers, or flames from operating equipment, radiated or conducted heat from operating equipment, electrical arcing, and/or heat from operating equipment.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	5,324	34%	\$98,713,054	48%
Operating Equipment	4,196	27%	\$51,577,548	25%
Hot or Smoldering Object	1,989	13%	\$15,378,795	7%
Smoking Materials	1,194	8%	\$8,706,245	4%
Explosives & Fireworks	586	4%	\$7,013,198	3%
Heat Spread from Another Fire	156	1%	\$6,722,312	3%
Candles	179	1%	\$5,505,422	3%
Heat Source Other	669	4%	\$3,821,556	2%
Matches & Lighters	784	5%	\$3,534,077	2%
Chemical or Natural	247	2%	\$2,542,120	1%
Multiple Heat Sources	74	0%	\$1,446,700	1%
Flares, Fuses & Torches	183	1%	\$1,417,451	1%
Backfire from Engine	79	1%	\$840,950	0%
<b>Grand Total</b>	<b>15,660</b>	<b>100%</b>	<b>\$207,219,428</b>	<b>100%</b>

Sorted by dollar loss. Includes heat sources reported in the Fire Module. Percents rounded to the nearest whole number and some categories represent less than 1%.

Using NFIRS, fire incidents confined to a non-combustible container only require basic information to be reported. Some assumptions are made about the heat source and area of fire origin when the fire is a confined cooking, chimney or flue, or trash/rubbish fire.



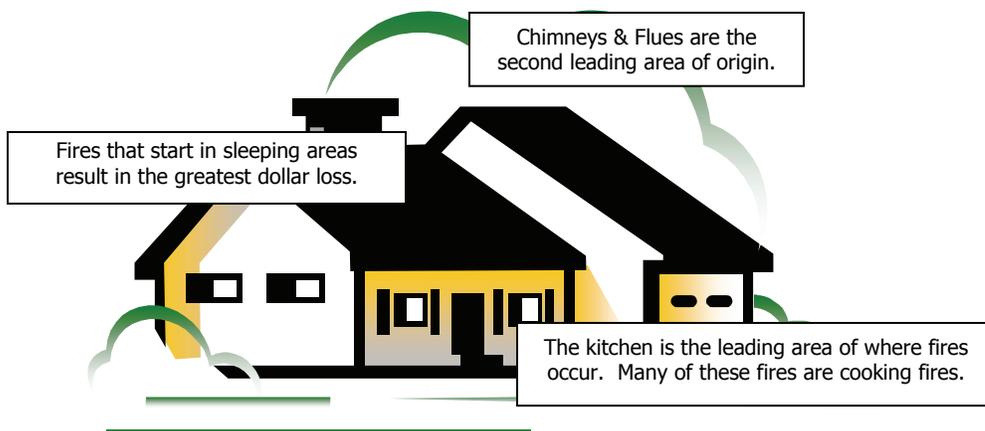
## Residential Properties

The table below is a breakdown of Area of Origin reported through the Fire Module for residential properties. Even though every fire has an area of origin, NFIRS does not require every area of origin to be reported. Examples include fires that are confined to a non-combustible container, incident type code "fire, other," and wildland fires documented through the Wildland Module. The table below includes only incident information documented in the Fire Module.

Residential properties include one or two family dwellings, multifamily dwellings, hotels/motels, college housing, barracks, and dormitories.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss
Common/Functional Areas	1,838	36%	\$40,532,169	31%
Structural Areas	861	17%	\$39,089,454	29%
Undetermined	342	7%	\$16,826,776	13%
Storage Areas	316	6%	\$10,873,793	8%
Assembly Areas	231	4%	\$10,275,530	8%
Outside Areas	743	14%	\$4,417,242	3%
Means of Egress (Exit/Exit Access/Exit Discharge)	128	2%	\$4,095,400	3%
Service or Equipment Areas	221	4%	\$3,515,899	3%
Other Areas of Origin	205	4%	\$1,584,344	1%
Vehicle Areas	289	6%	\$1,381,560	1%
<b>Grand Total</b>	<b>5,174</b>	<b>100%</b>	<b>\$132,592,167</b>	<b>100%</b>

Sorted by dollar loss. Percents rounded to the nearest whole number and some categories represent less than 1%.



## Cause of Ignition

The table below illustrates the causes of ignition reported through the Fire Module. The general causal factors that result in a heat source igniting a combustible material are essential pieces of information in guiding fire prevention efforts. Causes can be the result of a deliberate act, mechanical failure, or act of nature.

Cause of Ignition	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Unintentional	6,250	40%	\$80,754,432	39%
Cause Under Investigation	1,318	8%	\$45,762,868	22%
Intentional	2,126	14%	\$25,580,715	12%
Cause Undetermined After Investigation	2,215	14%	\$19,711,289	10%
Failure of Equipment or Heat Source	2,533	16%	\$19,636,480	9%
Cause, Other	988	6%	\$14,584,844	7%
Act of Nature	231	1%	\$1,188,800	1%
<b>Grand Total</b>	<b>15,661</b>	<b>100%</b>	<b>\$207,219,428</b>	<b>100%</b>

Sorted by dollar loss. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Intentionally Set Fires by Property Use

Intentionally set fires result in millions of dollars in property and content loss in our state. The table below is a breakdown of property use for intentionally set fires documented through the Fire Module. While fires outside were the leading intentionally set fire category, residential properties resulted in the greatest amount of dollar loss.

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	510	24%	\$21,930,083	86%
Mercantile & Business	51	2%	\$933,570	4%
Outside or Special Property	898	42%	\$706,622	3%
Storage	66	3%	\$643,326	3%
Educational	63	3%	\$631,979	2%
Property Use Other	72	3%	\$326,490	1%
Assembly	49	2%	\$173,010	1%
Health Care, Detention, and Corrections	13	1%	\$130,505	1%
Industrial, Utility, Defense, Agriculture & Mining	38	2%	\$85,000	0%
Undetermined	343	16%	\$11,130	0%
None	11	1%	\$9,000	0%
Manufacturing & Processing	6	0%	\$0	0%
<b>Grand Total</b>	<b>2,120</b>	<b>100%</b>	<b>\$25,580,715</b>	<b>100%</b>

Sorted by dollar loss. Percents rounded to the nearest whole number and some categories represent less than 1%. Property use not reported for six incidents.

Intentionally Set Fires		
Year	Incidents	Dollar Loss
2001	931	\$3,698,993
2002	932	\$19,690,891
2003	1,583	\$7,974,804
2004	1,993	\$10,998,657
2005	1,946	\$11,117,574
2006	2,126	\$25,580,715

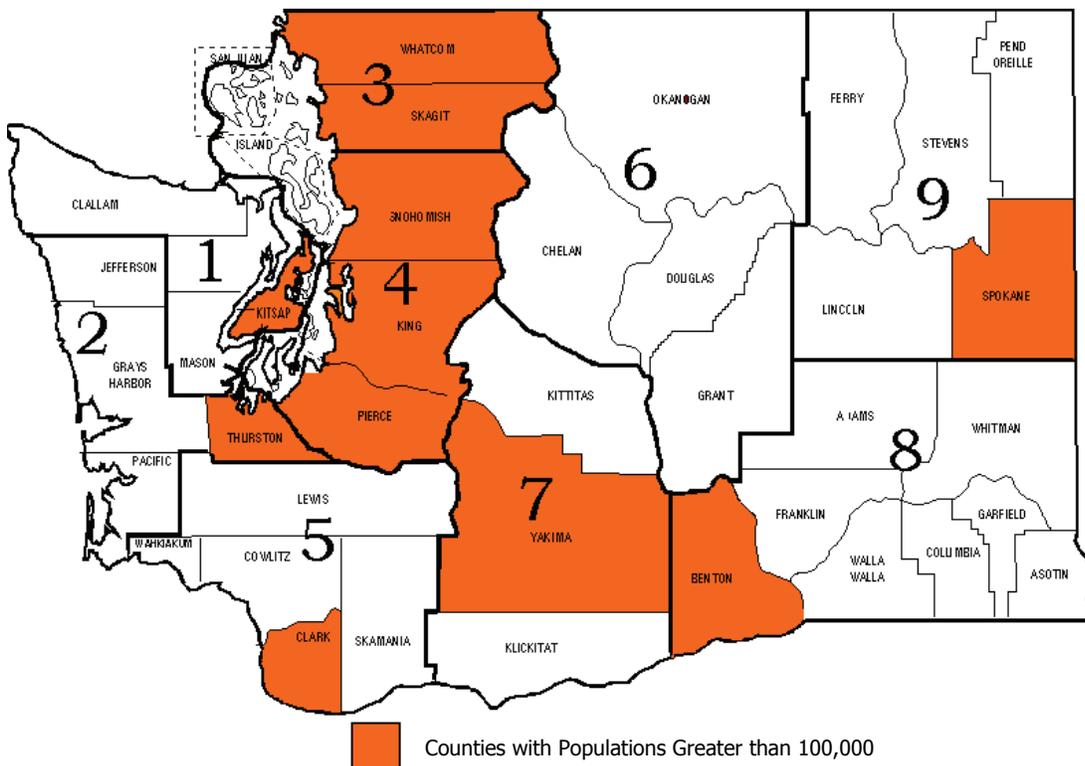
Historical information is based on incident information presented in the Fire in Washington Annual Reports.

## Incidents Based on Population

In Washington State, 11 of the 39 counties have populations of over 100,000, representing 83% of our state's total population. The table below provides a breakdown of the incident type categories based on counties grouped by populations over or under 100,000.

	11 Counties with Populations Over 100,000		28 Counties with Populations Under 100,000		Statewide
<b>Estimated Populations based on US Census</b>	<b>5,292,636</b>	<b>83%</b>	<b>1,103,162</b>	<b>17%</b>	<b>6,395,798</b>
<b>Incident Type Category</b>	<b>Total Number of Incidents</b>	<b>% of Total Incidents</b>	<b>Total Number of Incidents</b>	<b>% of Total Incidents</b>	<b>Total Number of Incidents</b>
Rescue & Emergency Medical Service	309,102	58%	44,304	8%	353,406
Good Intent Calls	38,468	7%	6,728	1%	45,196
Service Calls	33,165	6%	4,435	1%	37,600
Fire	22,053	4%	6,597	1%	28,650
Unintentional False Fire Protection System Activation	18,588	3%	2,264	0%	20,852
Hazardous Conditions (No Fire)	14,902	3%	2,408	0%	17,310
Fire Protection System Malfunction	11,352	2%	1,197	0%	12,549
False Alarms & False Calls	8,165	2%	1,482	0%	9,647
Other Types of Incidents	4,906	1%	490	0%	5,396
Severe Weather & Natural Disaster	2,519	0%	547	0%	3,066
Overpressure Rupture, Explosion, Overheat (No Fire)	1,201	0%	179	0%	1,380
Undetermined Incident Type	83	0%	0	0%	83
<b>Grand Total</b>	<b>464,504</b>	<b>87%</b>	<b>70,631</b>	<b>13%</b>	<b>535,135</b>
<b>Dollar Loss as a Result of Fire</b>	<b>\$167,106,914</b>	<b>80%</b>	<b>\$42,649,381</b>	<b>20%</b>	<b>\$209,756,295</b>

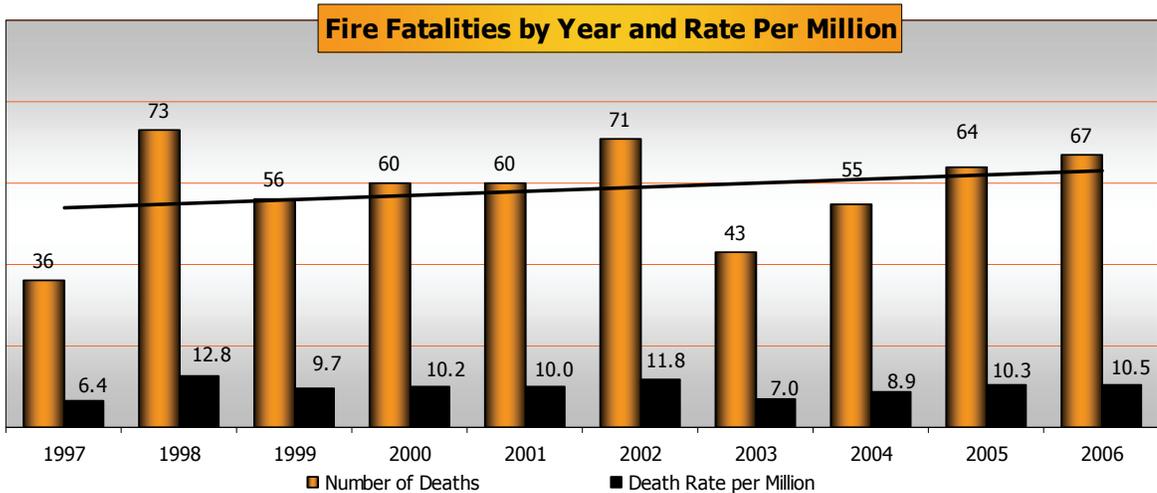
Sorted by number of incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.



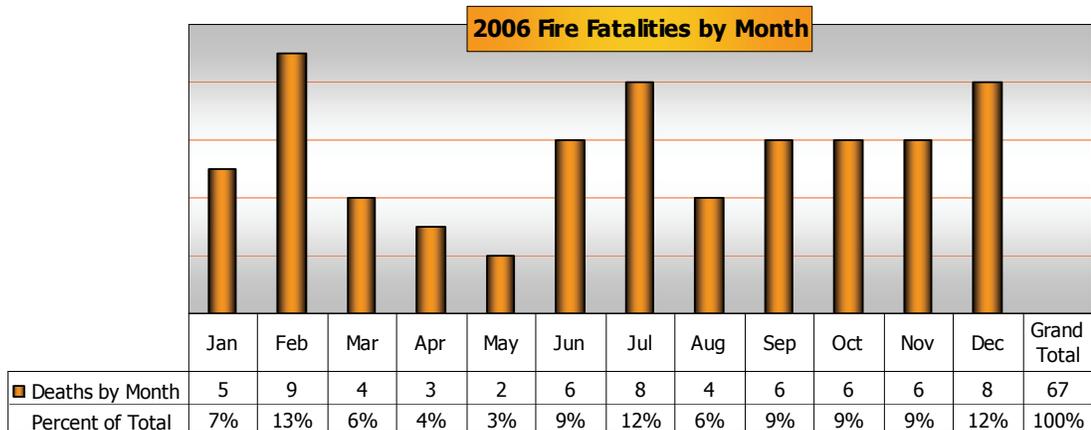
## Fire Fatalities

RCW 48.48.065 requires agencies to report any death resulting from fire within two business days to the Office of the State Fire Marshal. The statistical information reflected in this report is based on incidents reported in accordance with the statute.

In the past 10 years, 585 people have lost their lives in deadly fires in Washington State. In 2006 alone, fire agencies reported 67 fire fatalities to the Office of the State Fire Marshal, representing an increase of nearly 5% over the previous year. The fire death rate in 2006 was 10.5 per one million people.



During 2006, February was the month with the most fire fatalities reported, resulting in 9 deaths or 13% of the total. July and December followed closely, each accounting for 8 deaths or 12% of the total fire fatalities.



## Causes of Fire Fatalities Over the Past Five Years

Fires caused by smoking continue to be the leading cause of fire fatalities in Washington State, accounting for 22% of the total fire fatalities reported over the past five years. Of the smoking-related fatal fires reported in 2006, 100% occurred in places where people live. Human factors, such as smoking in sleeping or lounging areas, smoking while using medical oxygen, and smoking while in a mind-altered state, increase the risk of fire occurring.

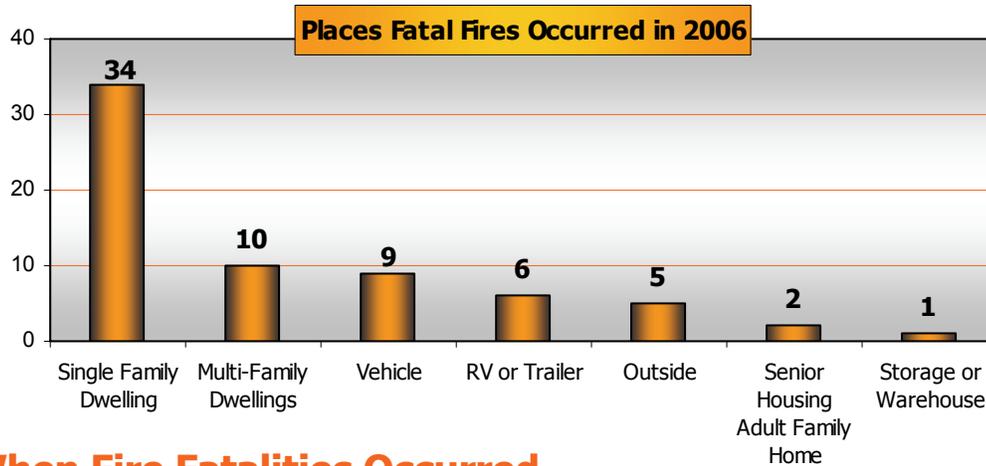
Fires caused by electrical appliances and distribution were the second leading cause, resulting in 13% of the fire fatalities reported over the past five years. Many electrical-related fires are caused by misuse or poor maintenance of electrical appliances, improperly installed wiring, circuits being overloaded, or extension cords.

Cooking-caused fires accounted for 8% of the five-year total. Factors such as leaving food unattended or wearing loose-fitting clothing play a role. Home heating caused fires were reported to have caused 7% of the five-year fire fatality total. Equipment and appliances that are not used and maintained in accordance with manufactures' recommendations contribute to home heating fires. Vehicle fires also resulted in 7% of the five-year total, and the majority resulted from collisions.

Heat Source Category	2002	2003	2004	2005	2006	5-Year Total
Smoking	19	9	9	14	14	65
Electrical Appliance/Distribution	7	6	5	12	8	38
Cooking	5	2	7	5	5	24
Vehicle-Related	6	5	1	3	7	22
Home Heating	4	5	3	5	5	22
Intentionally Set (self-inflicted/by another person)	7	0	8	2	3	20
Child With Access to Ignition Device	7	0	0	2	2	11
Flammable Vapors Ignited	0	5	5	0	0	10
Candle	1	0	2	0	5	8
Combustibles Too Close to Heat Source	1	2	1	3	1	8
Under Investigation	4	0	2	0	1	7
Drug Manufacturing	0	0	3	0	0	3
Open Flame Device	0	1	1	1	0	3
Generator Too Close to Combustibles	0	0	0	0	1	1
Bricks on Gas Range	0	0	0	0	1	1
Tear Gas	1	0	0	0	0	1
Operating Equipment	0	0	1	0	0	1
Kerosene Lantern	0	0	0	1	0	1
Incense	0	0	1	0	0	1
Undetermined	9	8	6	16	14	53
<b>Grand Total</b>	<b>71</b>	<b>43</b>	<b>55</b>	<b>64</b>	<b>67</b>	<b>300</b>

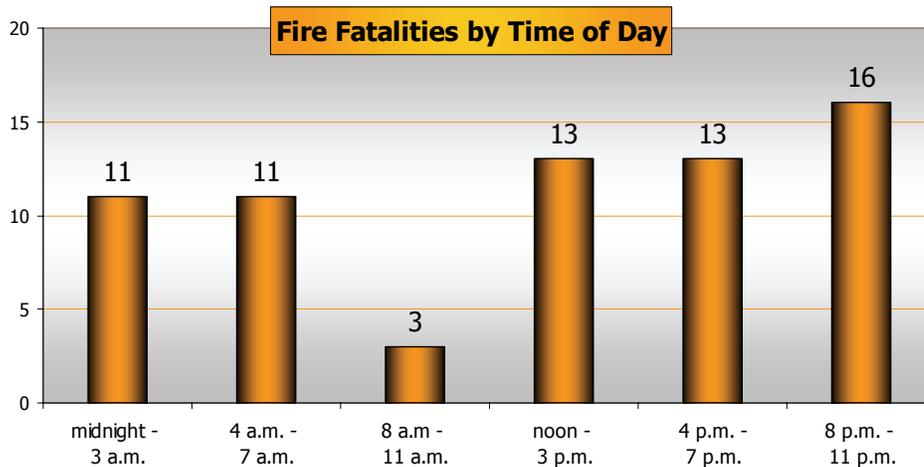
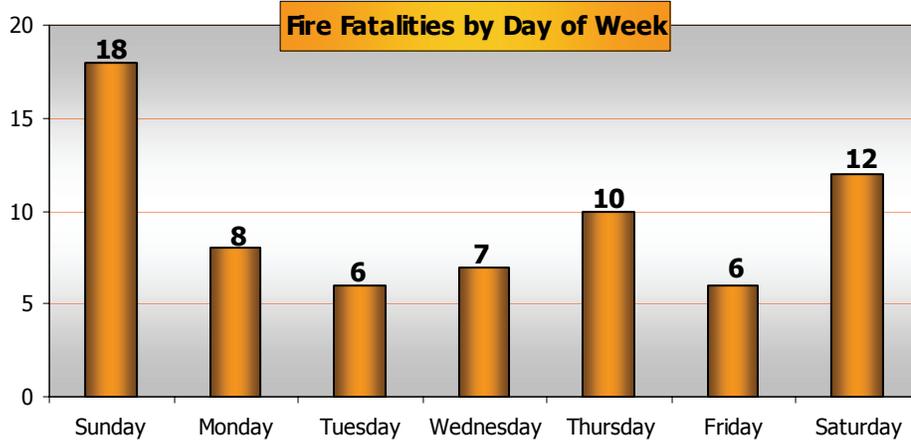
## Where Fire Fatalities Occurred

Fatal fires occur most frequently in places where people live and sleep. The combination of single family dwellings, multi-family dwellings, senior housing, and recreational vehicles or travel trailers accounts for 78% of the total reported incidents in 2006.



## When Fire Fatalities Occurred

Deadly fires can strike any day of the week or anytime of the day or night. In 2006, fire fatalities most frequently occurred on Sunday (27%), followed by Saturday (18%). The hours that most deadly fires occurred in 2006 were between 8 p.m. and 11 p.m.



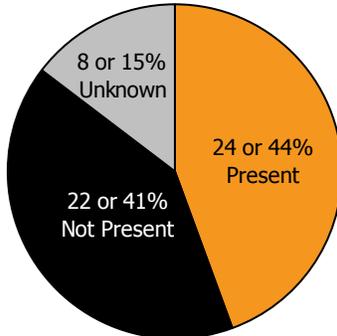
## Fire Fatalities and Fire Protection Devices

Fire protection devices such as smoke alarms and fire sprinklers play a key role in reducing the loss of life in fires. Smoke alarms provide early notification to the occupants that a fire is present, while fire sprinklers are designed to confine the fire to the room of origin.

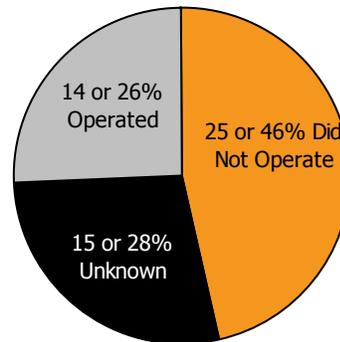
In 2006, 13 fire deaths (19%) occurred in vehicles or where no fire protection devices were installed. Of the remaining 54 fire fatalities, 74% occurred in buildings lacking working smoke alarms/detectors or the operational status of the device(s) was unknown.

Human factors may have played a part in the 26% fatal fires reported to have smoke alarms/detectors present and operational, but the victim(s) were unable to escape the fire. Some people may not have heard the smoke alarm because they were sleeping. Others may have had physical or mental disabilities or may have been under the influence of drugs or alcohol.

**Presence of Smoke Alarms/Detectors  
Applicable in 54 out of the 67  
reported fire deaths**



**Operation of Smoke Alarms/Detectors  
Applicable in 54 out of the 67  
reported fire deaths**



Fire sprinklers were not reported to be present in any of the buildings where fire fatalities occurred in 2006.

## Fire Fatalities by County

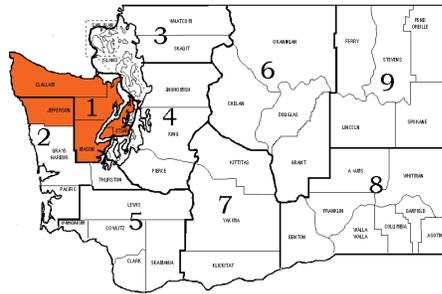
Over the past five years, 300 fire fatalities have been reported. During that time period Columbia, Garfield, Grant, Lincoln, San Juan, and Wahkiakum had no fire fatalities. The chart below provides a five year breakdown by county and the death rate per 100,000 population.

County	2002	Rate*	2003	Rate*	2004	Rate*	2005	Rate*	2006	Rate*	5-Year Total
Adams	0	0.0	0	0.0	0	0.0	1	5.9	1	5.9	2
Asotin	2	9.7	0	0.0	0	0.0	0	0.0	0	0.0	2
Benton	0	0.0	1	0.7	2	1.3	1	0.6	4	2.5	8
Chelan	2	3.0	0	0.0	0	0.0	0	0.0	1	1.4	3
Clallam	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	1
Clark	3	0.8	2	0.5	2	0.5	1	0.2	1	0.2	9
<b>Columbia</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
Cowlitz	0	0.0	0	0.0	2	2.1	5	5.1	2	2.0	9
Douglas	0	0.0	1	3.0	0	0.0	0	0.0	0	0.0	1
Ferry	0	0.0	0	0.0	0	0.0	0	0.0	1	13.2	1
Franklin	0	0.0	0	0.0	0	0.0	1	1.6	1	1.5	2
<b>Garfield</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
<b>Grant</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
Grays Harbor	4	5.8	3	4.3	2	2.8	3	4.2	1	1.4	13
Island	1	1.3	0	0.0	0	0.0	0	0.0	2	2.5	3
Jefferson	0	0.0	0	0.0	0	0.0	0	0.0	3	10.2	3
King	12	0.7	10	0.6	10	0.6	13	0.7	19	1.0	64
Kitsap	5	2.1	0	0.0	1	0.4	3	1.2	1	0.4	10
Kittitas	0	0.0	1	2.8	1	2.8	0	0.0	0	0.0	2
Klickitat	0	0.0	1	5.1	0	0.0	0	0.0	0	0.0	1
Lewis	0	0.0	3	4.3	0	0.0	1	1.4	0	0.0	4
<b>Lincoln</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
Mason	1	2.0	0	0.0	1	1.9	1	1.8	2	3.6	5
Okanogan	3	7.6	2	5.1	2	5.1	1	2.5	0	0.0	8
Pacific	0	0.0	1	4.7	1	4.7	1	4.6	0	0.0	3
Pend Oreille	1	8.3	0	0.0	0	0.0	0	0.0	0	0.0	1
Pierce	12	1.6	5	0.7	13	1.7	8	1.1	9	1.2	47
<b>San Juan</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
Skagit	2	1.9	0	0.0	0	0.0	4	3.5	1	0.9	7
Skamania	1	9.9	0	0.0	0	0.0	0	0.0	0	0.0	1
Snohomish	6	0.9	4	0.6	4	0.6	8	1.2	3	0.4	25
Spokane	3	0.7	1	0.2	7	1.6	4	0.9	3	0.7	18
Stevens	0	0.0	1	2.4	1	2.4	0	0.0	0	0.0	2
Thurston	6	2.8	4	1.8	2	0.9	0	0.0	6	2.6	18
<b>Wahkiakum</b>	<b>0</b>	<b>0.0</b>	<b>0</b>								
Walla Walla	1	1.8	0	0.0	0	0.0	2	3.5	0	0.0	3
Whatcom	0	0.0	1	0.6	0	0.0	2	1.1	2	1.1	5
Whitman	0	0.0	0	0.0	0	0.0	0	0.0	1	2.5	1
Yakima	6	2.7	2	0.9	3	1.3	4	1.7	3	1.3	18
<b>Grand Total</b>	<b>71</b>	<b>1.2</b>	<b>43</b>	<b>0.7</b>	<b>55</b>	<b>0.9</b>	<b>64</b>	<b>1.0</b>	<b>67</b>	<b>1.0</b>	<b>300</b>

\*Population based on information available through the US Census Bureau.

## Region 1

Clallam, Jefferson, Kitsap, and Mason counties are part of Region 1. In 2006, 83% of the fire agencies in this region reported NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	1,834	4%	\$12,302,989	98%
Rescue and Emergency Medical Service	30,623	66%	\$167,317	1%
Hazardous Conditions (No Fire)	1,944	4%	\$41,000	0%
Severe Weather & Natural Disaster	195	0%	\$32,600	0%
Service Calls	4,747	10%	\$11,600	0%
Good Intent Calls	3,764	8%	\$5,000	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	133	0%	\$2,150	0%
Other Types of Incidents	206	0%	\$0	0%
Unintentional False Fire Protection System Activation	1,220	3%	\$0	0%
Fire Protection System Malfunction	773	2%	\$0	0%
False Alarms & False Calls	623	1%	\$0	0%
<b>Grand Total</b>	<b>46,062</b>	<b>100%</b>	<b>\$12,562,656</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	632	34%	\$10,454,119	85%
Vehicle Fires (Mobile Properties)	302	16%	\$1,095,215	9%
Fixed Mobile Property Fires	34	2%	\$644,552	5%
Natural Vegetation Fires	483	26%	\$44,875	0%
Fire Other	135	7%	\$30,715	0%
Outside Storage & Equipment Fires	54	3%	\$22,236	0%
Outside Rubbish Fires	188	10%	\$8,777	0%
Cultivated Vegetation Fires	6	0%	\$2,500	0%
<b>Grand Total</b>	<b>1,834</b>	<b>100%</b>	<b>\$12,302,989</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	88	28%	\$17,784	64%
Trash or Rubbish Fire, Contained	64	20%	\$5,400	20%
Chimney or Flue Fire, Confined to Chimney or Flue	151	47%	\$2,910	11%
Fuel Burner/Boiler Malfunction, Fire Confined	10	3%	\$1,500	5%
Incinerator Overload or Malfunction, Fire Confined	4	1%	\$0	0%
Commercial Compactor Fire, Confined to Rubbish	1	0%	\$0	0%
<b>Grand Total</b>	<b>318</b>	<b>100%</b>	<b>\$27,594</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 1

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	808	44%	\$10,150,854	83%
Outside or Special Properties	725	40%	\$760,250	6%
Assembly	37	2%	\$502,105	4%
Storage	40	2%	\$336,536	3%
Industrial, Utility, Defense, Agriculture, & Mining	36	2%	\$297,224	2%
Mercantile and Business	73	4%	\$100,100	1%
Manufacturing and Processing	19	1%	\$65,395	1%
Other Property Uses	20	1%	\$54,750	0%
Health Care, Detention, and Corrections	8	0%	\$15,000	0%
Educational	26	1%	\$13,275	0%
Undetermined	22	1%	\$3,000	0%
None	18	1%	\$2,000	0%
<b>Grand Total</b>	<b>1,832</b>	<b>100%</b>	<b>\$12,300,489</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Property use not reported for two incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common/Functional Areas	174	16%	\$4,002,573	34%
Structural Areas	79	7%	\$1,645,862	14%
Undetermined Area	88	8%	\$1,336,757	11%
Assembly Areas	38	3%	\$1,165,980	10%
Vehicle Areas	273	25%	\$1,019,114	9%
Service or Equipment Areas	63	6%	\$950,152	8%
Storage Areas	62	6%	\$522,603	4%
Outside Areas	224	21%	\$419,784	4%
Means of Egress (Exit/Exit Access/Exit Discharge)	13	1%	\$394,500	3%
Other Areas of Origin	73	7%	\$388,410	3%
Technical Processing Areas	1	0%	\$0	0%
<b>Grand Total</b>	<b>1,088</b>	<b>100%</b>	<b>\$11,845,735</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	302	28%	\$4,948,791	42%
Operating Equipment	354	33%	\$4,218,461	36%
Hot or Smoldering Object	168	15%	\$958,280	8%
Smoking Materials	79	7%	\$801,765	7%
Heat Spread from Another Fire	14	1%	\$297,150	3%
Explosives & Fireworks	33	3%	\$223,336	2%
Heat Source Other	48	4%	\$129,802	1%
Candles	15	1%	\$97,100	1%
Multiple Heat Sources	3	0%	\$67,000	1%
Chemical or Natural	18	2%	\$47,200	0%
Matches & Lighters	38	3%	\$43,450	0%
Flares, Fuses & Torches	11	1%	\$7,350	0%
Backfire from Engine	5	0%	\$6,050	0%
<b>Grand Total</b>	<b>1,088</b>	<b>100%</b>	<b>\$11,845,735</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%. Includes heat sources reported in the Fire Module.

Fire Deaths by County	# of Deaths in 2006
Clallam	0
Kitsap	1
Jefferson	3
Mason	2
<b>Regional Total</b>	<b>6</b>

Fire Death Rate	Region	State	National*
Population	396,234	6,395,798	299,398,484
Rate per Million	15.1	10.5	12.4

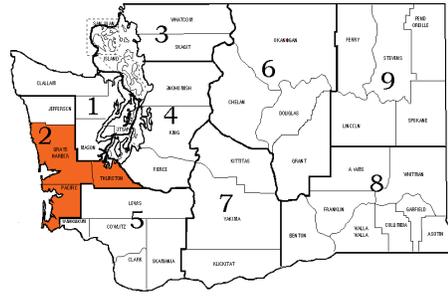
\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 1 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposure Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Clallam	Clallam #1, Forks	0	0	0	0	\$0
	Clallam #2, Port Angeles	1,058	0	11	1,069	\$0
	Clallam #3, Sequim	4,129	0	9	4,138	\$22,000
	Clallam #4, Joyce	0	0	0	0	\$0
	Clallam #5, Clallam Bay/Seki	28	0	0	28	\$0
	Clallam #6, Quillayute Prairie	9	0	1	10	\$6,100
	La Push Fire Dept.	0	0	0	0	\$0
	Port Angeles Fire Dept.	3,314	0	16	3,330	\$377,225
<b>Clallam Total</b>		<b>8,538</b>	<b>0</b>	<b>37</b>	<b>8,575</b>	<b>\$405,325</b>
Jefferson	Jefferson #1, Chimacum	2,797	0	68	2,865	\$534,400
	Jefferson #2, Quilcene	369	0	124	493	\$779,000
	Jefferson #3, Port Ludlow	488	0	95	583	\$122,700
	Jefferson #4, Brinnon	203	0	10	213	\$2,200
	Jefferson #5, Discovery Bay	102	0	37	139	\$0
	Jefferson #7, Clearwater	0	0	0	0	\$0
	Port Townsend Fire Dept.	88	0	0	88	\$500
<b>Jefferson Total</b>		<b>4,047</b>	<b>0</b>	<b>334</b>	<b>4,381</b>	<b>\$1,438,800</b>
Kitsap	Bremerton Fire Dept.	7,106	1	187	7,294	\$1,075,980
	Central Kitsap Fire & Rescue	7,078	10	386	7,474	\$2,854,916
	Kitsap #10, North Kitsap	1,565	0	264	1,829	\$508,450
	Kitsap #18/City of Poulsbo	3,425	0	354	3,779	\$366,843
	Kitsap #2, Bainbridge Island	698	0	30	728	\$190,065
	South Kitsap Fire & Rescue	9,056	11	118	9,185	\$3,267,750
<b>Kitsap Total</b>		<b>28,928</b>	<b>22</b>	<b>1,339</b>	<b>30,289</b>	<b>\$8,264,004</b>
Mason	Mason #1, Hoodspout	156	0	19	175	\$0
	Mason #11, Shelton	0	0	0	0	\$0
	Mason #12, Matlock	74	0	6	80	\$30,000
	Mason #13, Elma	149	0	36	185	\$3,500
	Mason #16, Dayton	160	0	10	170	\$0
	Mason #17, Lilliwaup/Eldon	28	0	0	28	\$477,000
	Mason #18, Lake Cushman	2	0	0	2	\$0
	Mason #2, Belfair	410	0	41	451	\$325,000
	Mason #3, Grapeview	205	0	28	233	\$0
	Mason #4, Arcadia/Kamilche	999	0	66	1,065	\$674,707
	Mason #5, Allyn/Agate/Shelton	10	0	0	10	\$165,000
	Mason #6, Union	62	0	49	111	\$10,200
	Mason #8, Tahuya	0	0	0	0	\$0
	Mason #9, Skokomish Valley	255	0	70	325	\$5,000
	Shelton Fire Dept.	2,039	0	46	2,085	\$764,120
<b>Mason Total</b>		<b>4,549</b>	<b>0</b>	<b>371</b>	<b>4,920</b>	<b>\$2,454,527</b>
<b>Region 1 Total Incidents</b>		<b>46,062</b>	<b>22</b>	<b>2,081</b>	<b>48,165</b>	<b>\$12,562,656</b>

## Region 2

Grays Harbor, Pacific, and Thurston counties are part of Region 2. In 2006, 79% of the fire agencies in Region 2 submitted NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	1,988	6%	\$5,099,835	96%
Rescue and Emergency Medical Service	23,448	69%	\$193,000	4%
Fire Protection System Malfunction	725	2%	\$27,000	1%
Hazardous Conditions (No Fire)	1,072	3%	\$17,265	0%
Service Calls	1,765	5%	\$600	0%
Good Intent Calls	2,968	9%	\$420	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	26	0%	\$0	0%
Severe Weather & Natural Disaster	140	0%	\$0	0%
Unintentional False Fire Protection System Activation	1,011	3%	\$0	0%
Other Types of Incidents	91	0%	\$0	0%
False Alarms & False Calls	683	2%	\$0	0%
<b>Grand Total</b>	<b>33,917</b>	<b>100%</b>	<b>\$5,338,120</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	551	28%	\$4,159,600	82%
Vehicle Fires (Mobile Properties)	282	14%	\$666,050	13%
Fire Other	291	15%	\$108,560	2%
Fixed Mobile Property Fires	21	1%	\$76,750	2%
Outside Storage & Equipment Fires	58	3%	\$56,250	1%
Natural Vegetation Fires	505	25%	\$31,565	1%
Outside Rubbish Fires	278	14%	\$1,060	0%
Cultivated Vegetation Fires	2	0%	\$0	0%
<b>Grand Total</b>	<b>1,988</b>	<b>100%</b>	<b>\$5,099,835</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	108	40%	\$65,095	63%
Chimney or Flue Fire, Confined to Chimney or Flue	119	45%	\$23,930	23%
Trash or Rubbish Fire, Contained	32	12%	\$10,300	10%
Fuel Burner/Boiler Malfunction, Fire Confined	7	3%	\$4,300	4%
Commercial Compactor Fire, Confined to Rubbish	1	0%	\$0	0%
<b>Grand Total</b>	<b>267</b>	<b>100%</b>	<b>\$103,625</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 2

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	818	41%	\$3,643,395	71%
Outside or Special Properties	803	40%	\$402,425	8%
Assembly	39	2%	\$383,500	8%
Storage	32	2%	\$168,000	3%
Industrial, Utility, Defense, Agriculture, & Mining	26	1%	\$152,750	3%
Educational	24	1%	\$100,305	2%
Undetermined	30	2%	\$100,000	2%
None	47	2%	\$77,400	2%
Mercantile and Business	71	4%	\$60,295	1%
Manufacturing and Processing	20	1%	\$7,700	0%
Other Property Uses	65	3%	\$2,000	0%
Health Care, Detention, and Corrections	8	0%	\$65	0%
<b>Grand Total</b>	<b>1,983</b>	<b>100%</b>	<b>\$5,097,835</b>	<b>100%</b>

Sorted by dollar loss. Property use not reported for 5 incidents. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common/Functional Areas	138	17%	\$1,357,310	28%
Structural Areas	71	9%	\$896,550	19%
Undetermined Area	89	11%	\$835,050	17%
Vehicle Areas	223	27%	\$595,300	12%
Storage Areas	45	5%	\$470,150	10%
Assembly Areas	21	3%	\$283,205	6%
Service or Equipment Areas	31	4%	\$225,400	5%
Means of Egress (Exit/Exit Access/Exit Discharge)	10	1%	\$66,400	1%
Outside Areas	186	22%	\$63,000	1%
Other Areas of Origin	20	2%	\$1,750	0%
Technical Processing Areas	1	0%	\$0	0%
<b>Grand Total</b>	<b>835</b>	<b>100%</b>	<b>\$4,794,115</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	269	32%	\$1,594,550	33%
Operating Equipment	234	28%	\$1,385,820	29%
Hot or Smoldering Object	115	14%	\$751,230	16%
Smoking Materials	54	6%	\$527,450	11%
Candles	11	1%	\$317,800	7%
Explosives & Fireworks	23	3%	\$106,700	2%
Chemical or Natural	10	1%	\$35,600	1%
Heat Source Other	56	7%	\$35,435	1%
Flares, Fuses & Torches	18	2%	\$21,400	0%
Backfire from Engine	7	1%	\$10,200	0%
Matches & Lighters	36	4%	\$7,930	0%
Multiple Heat Sources	2	0%	\$0	0%
<b>Grand Total</b>	<b>835</b>	<b>100%</b>	<b>\$4,794,115</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%. Includes heat sources reported in the Fire Module.

2006 Fire Deaths by County	# of Deaths
Grays Harbor	1
Pacific	0
Thurston	6
<b>Regional Total</b>	<b>7</b>

2006 Fire Deaths	Region	State	National*
Population	327,992	6,395,798	299,398,484
Death Rate per Million	21.3	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 2 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposure Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Grays Harbor	Grays Harbor #1, Oakville	0	0	0	0	\$0
	Grays Harbor #2, Central Park	721	0	51	772	\$63,350
	Grays Harbor #4, Amanda Park	2	0	0	2	\$0
	Grays Harbor #5, Elma/Satsop	25	0	2	27	\$126,400
	Grays Harbor #6, North Hoquiam	0	0	0	0	\$0
	Grays Harbor #7, Copalis Beach	0	0	0	0	\$0
	Grays Harbor #8, Pacific Beach	0	0	0	0	\$0
	Grays Harbor #10, Wishkah	21	0	2	23	\$180,200
	Grays Harbor #11, Grayland	46	0	7	53	\$0
	Grays Harbor #12, McCleary	78	0	1	79	\$247,000
	Grays Harbor #14, Ocosta	107	0	15	122	\$0
	Grays Harbor #15, Cosmopolis	0	0	0	0	\$0
	Grays Harbor #16, Copalis Crossing	8	0	3	11	\$45,000
	Grays Harbor #17, Humptulip	23	0	3	26	\$34,000
	Aberdeen Fire Dept.	442	1	17	460	\$466,565
	Cosmopolis Fire Dept.	6	0	1	7	\$400
	Elma Fire Dept.	18	0	80	98	\$55,000
	Hoquiam Fire Dept.	229	0	38	267	\$242,050
	McCleary Fire Dept.	38	0	73	111	\$36,000
	Montesano Fire Dept.	1,033	0	31	1,064	\$21,400
Ocean Shores Fire Dept.	388	0	36	424	\$0	
Westport Fire Dept.	136	0	276	412	\$0	
<b>Grays Harbor Total</b>		<b>3,321</b>	<b>1</b>	<b>636</b>	<b>3,958</b>	<b>\$1,517,365</b>
Pacific	South Bend Fire Dept.	28	0	7	35	\$16,330
	Pacific Co #7, Nemah	36	0	0	36	\$70,000
	Pacific #6, Bay Center	19	0	0	19	\$0
	Pacific #5, North Cove	0	0	0	0	\$0
	Pacific #4, Naselle	0	0	0	0	\$0
	Pacific #2, Chinook Valley	0	0	0	0	\$0
	Pacific #1, Ocean Park	1,820	0	633	2,453	\$772,900
	Pacific #3, Willapa Valley	39	0	0	39	\$62,550
	Ilwaco Fire Dept.	0	0	0	0	\$0
	Long Beach Fire Dept.	51	0	11	62	\$186,900
Raymond Fire Dept.	83	0	0	83	\$29,225	
<b>Pacific Total</b>		<b>2,076</b>	<b>0</b>	<b>651</b>	<b>2,727</b>	<b>\$1,137,905</b>
Thurston	Thurston #9, McLane	1,074	0	411	1,485	\$325,000
	Thurston #8, South Bay	497	0	132	629	\$0
	Thurston #6, East Olympia	842	0	49	891	\$0
	Thurston #5, Black Lake	93	0	4	97	\$0
	Thurston #12, Tenino	635	0	117	752	\$0
	Thurston #11, Littlerock	1,196	0	366	1,562	\$228,000
	Thurston #1, Rochester	313	0	48	361	\$75,000
	SE Thurston Fire & EMS	2,965	0	9	2,974	\$0
	Lacey Fire District 3	9,831	1	168	10,000	\$435,085
	Thurston #7, North Olympia	133	0	8	141	\$0
	Thurston #13, Griffin	485	0	55	540	\$0
	Thurston #16, Gibson Valley	60	0	4	64	\$0
	Bucoda Fire Dept.	0	0	0	0	\$0
	Olympia Fire Dept.	7,916	0	195	8,111	\$906,495
Tumwater Fire Dept.	2,479	0	64	2,543	\$711,270	
<b>Thurston Total</b>		<b>28,519</b>	<b>1</b>	<b>1,630</b>	<b>30,150</b>	<b>\$2,680,850</b>
<b>Region 2 Total Incidents</b>		<b>33,916</b>	<b>2</b>	<b>2,917</b>	<b>36,835</b>	<b>\$5,336,120</b>

## Region 3

Island, San Juan, Skagit, and Whatcom counties are part of Region 3. In 2006, 89% of the fire agencies submitted NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	2,073	6%	\$16,564,139	99%
Hazardous Conditions (No Fire)	1,474	4%	\$89,850	1%
Service Calls	1,930	5%	\$18,000	0%
Rescue and Emergency Medical Service	25,846	69%	\$11,000	0%
Good Intent Calls	2,639	7%	\$8,250	0%
Severe Weather & Natural Disaster	430	1%	\$5,000	0%
Fire Protection System Malfunction	682	2%	\$1,800	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	65	0%	\$0	0%
Other Types of Incidents	225	1%	\$0	0%
Unintentional False Fire Protection System Activation	1,436	4%	\$0	0%
False Alarms & False Calls	618	2%	\$0	0%
<b>Grand Total</b>	<b>37,418</b>	<b>100%</b>	<b>\$16,698,039</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	578	28%	\$15,092,164	91%
Vehicle Fires (Mobile Properties)	320	15%	\$1,333,395	8%
Fixed Mobile Property Fires	28	1%	\$105,550	1%
Fire Other	261	13%	\$24,900	0%
Natural Vegetation Fires	448	22%	\$4,565	0%
Outside Rubbish Fires	318	15%	\$2,360	0%
Outside Storage & Equipment Fires	108	5%	\$1,205	0%
Cultivated Vegetation Fires	12	1%	\$0	0%
<b>Grand Total</b>	<b>2,073</b>	<b>100%</b>	<b>\$16,564,139</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	128	41%	\$20,744	62%
Chimney or Flue Fire, Confined to Chimney or Flue	111	36%	\$4,800	14%
Trash or Rubbish Fire, Contained	58	19%	\$4,220	13%
Fuel Burner/Boiler Malfunction, Fire Confined	9	3%	\$3,000	9%
Incinerator Overload or Malfunction, Fire Confined	4	1%	\$500	2%
<b>Grand Total</b>	<b>310</b>	<b>100%</b>	<b>\$33,264</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 3

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	852	41%	\$8,535,869	52%
Manufacturing and Processing	25	1%	\$3,127,500	19%
Storage	54	3%	\$2,693,600	16%
Industrial, Utility, Defense, Agriculture, & Mining	32	2%	\$1,287,500	8%
Outside or Special Properties	920	44%	\$734,315	4%
Mercantile and Business	64	3%	\$79,780	0%
Assembly	46	2%	\$67,275	0%
Health Care, Detention, and Corrections	14	1%	\$20,600	0%
None	9	0%	\$11,500	0%
Educational	25	1%	\$3,200	0%
Other Property Uses	16	1%	\$3,000	0%
Undetermined	14	1%	\$0	0%
<b>Grand Total</b>	<b>2,071</b>	<b>100%</b>	<b>\$16,564,139</b>	<b>100%</b>

Sorted by dollar loss. Property use not reported for two incidents. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structural Areas	80	8%	\$6,937,400	42%
Storage Areas	42	4%	\$1,842,550	11%
Service or Equipment Areas	34	4%	\$1,709,000	10%
Common/Functional Areas	100	11%	\$1,478,960	9%
Vehicle Areas	268	28%	\$1,275,770	8%
Undetermined Area	161	17%	\$1,168,600	7%
Outside Areas	188	20%	\$1,120,825	7%
Assembly Areas	17	2%	\$477,040	3%
Means of Egress (Exit/Exit Access/Exit Discharge)	14	1%	\$211,035	1%
Other Areas of Origin	34	4%	\$140,050	1%
Technical Processing Areas	5	1%	\$3,500	0%
<b>Grand Total</b>	<b>943</b>	<b>100%</b>	<b>\$16,364,730</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	348	37%	\$6,461,310	39%
Operating Equipment	246	26%	\$4,136,975	25%
Hot or Smoldering Object	124	13%	\$933,985	6%
Smoking Materials	45	5%	\$107,885	1%
Candles	9	1%	\$62,000	0%
Explosives & Fireworks	32	3%	\$3,000	0%
Chemical or Natural	10	1%	\$551,210	3%
Heat Source Other	40	4%	\$147,425	1%
Flares, Fuses & Torches	13	1%	\$0	0%
Backfire from Engine	5	1%	\$750,300	5%
Matches & Lighters	45	5%	\$87,140	1%
Multiple Heat Sources	3	0%	\$0	0%
Heat Spread from Another Fire	23	2%	\$3,123,500	19%
<b>Grand Total</b>	<b>943</b>	<b>100%</b>	<b>\$16,364,730</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Includes heat sources reported in the Fire Module. Percents rounded to the nearest whole number and some categories represent less than 1%.

2006 Fire Deaths by County	# of Deaths
Island	2
San Juan	0
Skagit	1
Whatcom	2
<b>Regional Total</b>	<b>5</b>

2006 Fire Deaths	Region	State	National*
Population	398,440	6,395,798	299,398,484
Death Rate per Million	12.5	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 3 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposure Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Island	Oak Harbor Fire Dept.	924	0	576	1,500	\$244,130
	Island #5, Central Whidbey	1,069	0	48	1,117	\$273,300
	Island #3, South Whidbey	450	0	4	454	\$0
	Island #2, North Whidbey	1,529	0	211	1,740	\$0
	Island #1, Camano Island	2,609	1	113	2,723	\$4,013,525
<b>Island Total</b>		<b>6,581</b>	<b>1</b>	<b>952</b>	<b>7,534</b>	<b>\$4,530,955</b>
San Juan	San Juan #5, Shaw Island	9	0	0	9	\$0
	San Juan #4, Lopez Island	66	0	0	66	\$50,000
	San Juan #3, San Juan Island	203	0	37	240	\$350,000
	San Juan #2, Orcas Island	452	0	4	456	\$1,000
	Friday Harbor Fire Dept.	117	0	0	117	\$185,210
<b>San Juan Total</b>		<b>847</b>	<b>0</b>	<b>41</b>	<b>888</b>	<b>\$586,210</b>
Skagit	Skagit #9, Big Lake	160	0	23	183	\$0
	Skagit #8, Sedro Woolley	157	0	13	170	\$110,000
	Skagit #7, Lake Cavanaugh	0	0	0	0	\$0
	Skagit #6, Burlington	0	0	0	0	\$0
	Skagit #5, Bow/Edison	212	0	5	217	\$0
	Skagit #4, Clear Lake	20	0	11	31	\$0
	Skagit #3, Conway/Cederdale	363	0	4	367	\$0
	Skagit #2, McLean Road	278	0	12	290	\$33,050
	Skagit #19, Rockport	0	0	0	0	\$0
	Skagit #17, Guemes Island	34	0	0	34	\$0
	Skagit #15, Lake McMurray	5	0	0	5	\$0
	Skagit #14, Alger	74	0	0	74	\$0
	Skagit #13, Hope Island	559	0	45	604	\$0
	Skagit #12, Bay View	2	0	0	2	\$0
	Skagit #11, Mt. Erie	220	0	11	231	\$0
	Skagit #10, Concrete	0	0	0	0	\$0
	Skagit # 16, Day Creek	4	0	0	4	\$140,000
	Sedro-Wolley Fire Dept.	1,630	0	15	1,645	\$1,491,900
	Mount Vernon Fire Dept.	2,864	0	22	2,886	\$1,196,855
	La Conner Fire Dept.	0	0	0	0	\$0
	Hamilton Fire Dept.	1	0	0	1	\$0
	Concrete Fire Dept.	41	0	1	42	\$0
	Burlington Fire Dept.	1,633	0	39	1,672	\$3,540
Anacortes Fire Dept.	464	0	5	469	\$3,531,700	
<b>Skagit Total</b>		<b>8,721</b>	<b>0</b>	<b>206</b>	<b>8,927</b>	<b>\$6,507,045</b>
Whatcom	Whatcom #9, Lake Samish	21	0	11	32	\$14,000
	Whatcom #8, Marietta	897	0	31	928	\$14,000
	Whatcom #7, Ferndale	1,599	0	74	1,673	\$507,675
	Whatcom #6, Chuckanut Drive	43	1	14	58	\$13,000
	Whatcom #5, Point Roberts	153	0	0	153	\$56,000
	Whatcom #4, Bellingham	234	0	20	254	\$30,000
	Whatcom #3, Lynden	791	0	34	825	\$641,800
	Whatcom #2, Sudden Valley	390	0	81	471	\$77,000
	Whatcom #19, Glacier	12	0	0	12	\$0
	Whatcom #18, South Lake Whatcom	126	0	7	133	\$14,900
	Whatcom #17, Sandy Point	82	0	0	82	\$45,000
	Whatcom #16, Acme	22	0	0	22	\$145,000
	Whatcom #14, Sumas	715	0	14	729	\$25,000
	Whatcom #13, Blaine	1,478	0	14	1,492	\$761,520
	Whatcom #11, Lummi Island	50	0	0	50	\$0
	Whatcom #10, Bellingham	112	0	12	124	\$55,000
	Whatcom #1, Everson	0	0	0	0	\$0
	Lynden Fire Dept.	983	0	56	1,039	\$319,000
Bellingham Fire Dept.	13,561	0	16	13,577	\$2,354,934	
<b>Whatcom Total</b>		<b>21,269</b>	<b>1</b>	<b>384</b>	<b>21,654</b>	<b>\$5,073,829</b>
<b>Region 3 Incident Total</b>		<b>37,418</b>	<b>2</b>	<b>1,583</b>	<b>39,003</b>	<b>\$16,698,039</b>

## Region 4

King, Pierce, and Snohomish counties are part of Region 4. In 2006, 92% of the fire agencies submitted NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	13,086	5%	\$95,257,092	98%
Service Calls	22,200	8%	\$370,000	0%
Rescue and Emergency Medical Service	179,098	65%	\$369,500	0%
Other Types of Incidents	2,207	1%	\$360,500	0%
Unintentional False Fire Protection System Activation	13,137	5%	\$197,000	0%
Hazardous Conditions (No Fire)	9,240	3%	\$183,885	0%
Severe Weather & Natural Disaster	2,146	1%	\$77,100	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	853	0%	\$25,760	0%
Fire Protection System Malfunction	7,445	3%	\$9,000	0%
Good Intent Calls	22,941	8%	\$2,600	0%
False Alarms & False Calls	5,096	2%	\$0	0%
Undetermined Incident Type	83	0%	\$0	0%
<b>Grand Total</b>	<b>277,532</b>	<b>100%</b>	<b>\$96,852,437</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	3,787	29%	\$85,785,092	90%
Vehicle Fires (Mobile Properties)	2,171	17%	\$7,206,328	8%
Fixed Mobile Property Fires	103	1%	\$1,219,451	1%
Fire Other	879	7%	\$466,516	0%
Outside Rubbish Fires	1,890	14%	\$277,940	0%
Outside Storage & Equipment Fires	962	7%	\$231,828	0%
Natural Vegetation Fires	3,271	25%	\$69,237	0%
Cultivated Vegetation Fires	23	0%	\$700	0%
<b>Grand Total</b>	<b>13,086</b>	<b>100%</b>	<b>\$95,257,092</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	944	53%	\$169,120	65%
Chimney or Flue Fire, Confined to Chimney or Flue	396	22%	\$65,370	25%
Trash or Rubbish Fire, Contained	403	23%	\$15,250	6%
Fuel Burner/Boiler Malfunction, Fire Confined	24	1%	\$9,400	4%
Incinerator Overload or Malfunction, Fire Confined	7	0%	\$0	0%
Commercial Compactor Fire, Confined to Rubbish	7	0%	\$2,500	1%
<b>Grand Total</b>	<b>1,781</b>	<b>100%</b>	<b>\$261,640</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 4

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	4,630	35%	\$69,410,157	73%
Storage	221	2%	\$7,485,176	8%
Outside or Special Properties	5,266	40%	\$4,658,477	5%
Manufacturing and Processing	98	1%	\$4,229,060	4%
Mercantile and Business	510	4%	\$3,333,930	3%
Assembly	323	2%	\$1,931,988	2%
Other Property Uses	431	3%	\$1,639,349	2%
Health Care, Detention, and Corrections	104	1%	\$957,415	1%
Industrial, Utility, Defense, Agriculture, & Mining	128	1%	\$505,090	1%
Educational	303	2%	\$480,104	1%
Undetermined	1,006	8%	\$340,996	0%
None	66	1%	\$285,350	0%
<b>Grand Total</b>	<b>13,086</b>	<b>100%</b>	<b>\$95,257,092</b>	<b>100%</b>

Sorted by dollar loss. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common/Functional Areas	1,039	15%	\$25,631,922	27%
Structural Areas	427	6%	\$20,673,964	22%
Undetermined Area	345	5%	\$13,416,639	14%
Storage Areas	270	4%	\$8,265,275	9%
Assembly Areas	114	2%	\$7,503,617	8%
Vehicle Areas	1,928	27%	\$5,921,863	6%
Service or Equipment Areas	130	2%	\$4,141,070	4%
Means of Egress (Exit/Exit Access/Exit Discharge)	87	1%	\$3,065,406	3%
Technical Processing Areas	16	0%	\$2,825,360	3%
Outside Areas	2,607	37%	\$2,044,318	2%
Other Areas of Origin	163	2%	\$718,946	1%
<b>Grand Total</b>	<b>7,126</b>	<b>100%</b>	<b>\$94,208,380</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	2,267	32%	\$32,986,861	35%
Operating Equipment	1,954	27%	\$29,028,670	31%
Hot or Smoldering Object	883	12%	\$9,382,791	10%
Explosives & Fireworks	339	5%	\$6,121,352	6%
Smoking Materials	761	11%	\$5,599,101	6%
Candles	96	1%	\$3,822,712	4%
Heat Source Other	205	3%	\$1,639,124	2%
Heat Spread from Another Fire	46	1%	\$1,587,462	2%
Matches & Lighters	391	5%	\$1,503,307	2%
Multiple Heat Sources	36	1%	\$1,039,500	1%
Flares, Fuses & Torches	38	1%	\$875,800	1%
Chemical or Natural	77	1%	\$587,050	1%
Backfire from Engine	33	0%	\$34,650	0%
<b>Grand Total</b>	<b>7,126</b>	<b>100%</b>	<b>\$94,208,380</b>	<b>100%</b>

Sorted by dollar loss. Includes heat sources reported in the Fire Module. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

2006 Fire Deaths by County	# of Deaths
King	19
Pierce	9
Snohomish	3
<b>Regional Total</b>	<b>31</b>

2006 Fire Deaths	Region	State	National*
Population	3,263,497	6,395,798	299,398,484
Death Rate per Million	9.5	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 4 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposure Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
King	Enumclaw/King #28	702	0	2	704	\$61,000
	King #11, North Highline	4,888	0	272	5,160	\$1,516,236
	King #13, Vashon-Maury	1,509	0	0	1,509	\$96,451
	King #16, Northshore	2,984	0	551	3,535	\$1,957,515
	King #2, Burien	876	1	140	1,017	\$1,255,785
	King #20, Skyway	1,890	0	94	1,984	\$33,000
	King #27, Fall City	540	0	227	767	\$810,300
	King #4, Shoreline	8,370	2	324	8,696	\$2,520,961
	King #40, Renton	2,616	0	403	3,019	\$496,803
	King #43, Maple Valley	2,597	0	106	2,703	\$1,805,000
	King #44, Mountain View	2,237	0	223	2,460	\$856,140
	King #45, Duvall	893	0	188	1,081	\$882,825
	King #47, Kangley/Palmer	106	0	4	110	\$0
	Eastside Fire & Rescue	1,267	0	37	1,304	\$154,600
	Woodinville Fire & Life Safety	3,651	0	842	4,493	\$902,835
	King #39, South King Fire & Rescue	12,991	10	411	13,412	\$2,319,240
	King #50, Skykomish/Stevens Pass	364	0	0	364	\$158,700
	King #51, Snoqualmie Pass	0	0	0	0	\$0
	Auburn Fire Dept.	4,888	0	92	4,980	\$992,400
	Bellevue Fire Dept.	14,134	3	4,176	18,313	\$3,721,790
	Black Diamond Fire Dept.	400	0	51	451	\$12,700
	Bothell Fire Dept.	4,645	2	354	5,001	\$667,300
	Kent Fire Dept.	14,077	7	495	14,579	\$8,081,510
	Kirkland Fire Dept.	7,214	0	881	8,095	\$3,165,740
	Mercer Island Fire Dept.	2,296	0	84	2,380	\$1,040,410
	Pacific Fire Dept.	5	0	28	33	\$20,000
	Redmond Fire Dept.	3,280	0	615	3,895	\$63,460
	Renton Fire Dept.	9,557	1	386	9,944	\$3,246,315
	Seattle Fire Dept.	14,789	0	1	14,790	\$8,201,115
	Snoqualmie Fire Dept.	549	0	271	820	\$501,050
Tukwila Fire Dept.	4,672	11	250	4,933	\$2,552,265	
SeaTac Fire Dept.	3,793	4	489	4,286	\$5,966,835	
<b>King Total</b>		<b>132,780</b>	<b>41</b>	<b>11,997</b>	<b>144,818</b>	<b>\$54,060,281</b>
Pierce	Pierce #1, Sumner	2,343	0	227	2,570	\$562,925
	Pierce #11, North Puyallup	172	0	1	173	\$65,580
	Pierce #13, Brown's Point	1	0	0	1	\$50,200
	Pierce #15, South Pierce	237	0	58	295	\$579,495
	Pierce #16, Key Peninsula	2,034	0	71	2,105	\$866,850
	Pierce #17, Roy/McKenna	1,258	0	29	1,287	\$0
	Pierce #18, Orting	612	0	387	999	\$426,800
	Pierce #2, Lakewood	8,048	3	108	8,159	\$6,535,000
	Pierce #21, Graham	4,119	0	453	4,572	\$985,271
	Pierce #22, East Pierce	3,497	0	157	3,654	\$2,097,610
	Pierce #23, Elbe/Ashford	223	0	22	245	\$17,000
	Pierce #26, Greenwater	9	0	1	10	\$800
	Pierce #3, University Place	3,347	0	43	3,390	\$5,101,800
	Pierce #5, Gig Harbor	4,779	0	107	4,886	\$542,726
	Pierce #6, Central Pierce	15,429	1	410	15,840	\$2,676,820
	Pierce #8, Edgewood	728	0	368	1,096	\$690,200
	Riverside Fire and Rescue	404	0	48	452	\$33,250

Region 4 Incident Summary continued on next page.

## Region 4 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Pierce	Pierce #25, Crystal Mountain	0	0	0	0	\$0
	Pierce #27, Anderson Island	203	0	10	213	\$0
	Buckley Fire Dept.	661	0	69	730	\$15,055
	Carbonado Fire Dept.	34	0	40	74	\$0
	Dupont Fire Dept.	489	0	34	523	\$114,350
	Eatonville Fire Dept.	311	0	175	486	\$0
	Milton Fire Dept.	738	0	367	1,105	\$276,100
	Orting Fire Dept.	708	0	388	1,096	\$167,300
	Puyallup Fire Dept.	5,877	0	202	6,079	\$854,212
	Ruston Fire Dept.	46	0	0	46	\$0
	Steilacoom Fire Dept.	486	0	21	507	\$171,030
	Tacoma Fire Dept.	37,640	10	0	37,650	\$9,172,504
	McNeil Island Fire Dept.	1,000	0	1	1,001	\$12,000
<b>Pierce Total</b>		<b>95,433</b>	<b>14</b>	<b>3,797</b>	<b>99,244</b>	<b>\$32,014,878</b>
Snohomish	Monroe/Snohomish #3	2,936	0	614	3,550	\$294,260
	Snohomish #1	11,573	1	1,254	12,828	\$1,066,417
	Snohomish #14, Stanwood	1,321	0	507	1,828	\$1,030,800
	Snohomish #18, Bryant	454	0	125	579	\$12,000
	Snohomish #19, Silvana	296	0	73	369	\$235,000
	Snohomish #21, Arlington	0	0	0	0	\$0
	Snohomish #22, Getchell	414	0	459	873	\$185,900
	Snohomish #25, Oso	13	0	11	24	\$0
	Snohomish #26, Gold Bar	24	0	43	67	\$32,300
	Snohomish #27, Hat Island	0	0	0	0	\$0
	Snohomish #28, Index	142	0	18	160	\$0
	Snohomish #4, Snohomish	2,877	0	396	3,273	\$327,550
	Snohomish #5, Sultan	141	0	39	180	\$551,100
	Snohomish #7, Clearview	50	0	2	52	\$858,350
	Snohomish/Skagit #24	0	0	0	0	\$0
	Snohomish #8, Lake Stevens	222	0	2	224	\$952,950
	Snohomish #15, Tulalip Bay	565	0	25	590	\$0
	Snohomish #16, Lake Roesiger	0	0	0	0	\$0
	Snohomish #17, Granite Falls	1,535	0	165	1,700	\$846,031
	Snohomish #23, Robe Valley	0	0	0	0	\$0
	Snohomish Co Fire Marshal Office	8	0	19	27	\$84,025
	Arlington Fire Dept.	2,025	0	626	2,651	\$129,550
	Edmonds Fire Dept.	4,612	0	539	5,151	\$573,160
	Everett Fire Dept.	2,879	1	6	2,886	\$761,200
	Lynnwood Fire Dept.	5,806	0	697	6,503	\$1,556,795
	Marysville Fire Dept.	8,405	0	415	8,820	\$1,154,800
	Mukilteo Fire Dept.	1,842	0	130	1,972	\$122,250
	Stanwood Fire Dept.	1,177	0	420	1,597	\$2,840
<b>Snohomish Total</b>		<b>49,317</b>	<b>2</b>	<b>6,585</b>	<b>55,904</b>	<b>\$10,777,278</b>
<b>Region 4 Incident Total</b>		<b>277,530</b>	<b>57</b>	<b>22,379</b>	<b>299,966</b>	<b>\$96,852,437</b>

## Region 5

Clark, Cowlitz, Lewis, Skamania, and Wahkiakum counties are part of Region 5. In 2006, 80% of the fire agencies reported NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	2,495	6%	\$9,610,776	92%
Overpressure Rupture, Explosion, Overheat (No Fire)	80	0%	\$325,300	3%
Rescue and Emergency Medical Service	31,616	73%	\$188,600	2%
Hazardous Conditions (No Fire)	751	2%	\$171,850	2%
Severe Weather & Natural Disaster	60	0%	\$126,500	1%
Service Calls	1,689	4%	\$56,045	1%
Fire Protection System Malfunction	607	1%	\$1,000	0%
Other Types of Incidents	171	0%	\$0	0%
Unintentional False Fire Protection System Activation	697	2%	\$0	0%
Good Intent Calls	4,268	10%	\$0	0%
False Alarms & False Calls	880	2%	\$0	0%
<b>Grand Total</b>	<b>43,314</b>	<b>100%</b>	<b>\$10,480,071</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	652	26%	\$7,943,222	83%
Vehicle Fires (Mobile Properties)	407	16%	\$1,067,466	11%
Fixed Mobile Property Fires	29	1%	\$310,900	3%
Outside Storage & Equipment Fires	79	3%	\$198,125	2%
Fire Other	315	13%	\$41,232	0%
Outside Rubbish Fires	408	16%	\$36,041	0%
Natural Vegetation Fires	602	24%	\$13,790	0%
Cultivated Vegetation Fires	3	0%	\$0	0%
<b>Grand Total</b>	<b>2,495</b>	<b>100%</b>	<b>\$9,610,776</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Chimney or flue fire, confined to chimney or flue	159	49%	\$14,300	40%
Cooking fire, confined to container	110	34%	\$9,827	27%
Trash or rubbish fire, contained	49	15%	\$6,280	18%
Incinerator overload or malfunction, fire confined	3	1%	\$5,000	14%
Fuel burner/boiler malfunction, fire confined	4	1%	\$350	1%
Commercial compactor fire, confined to rubbish	1	0%	\$0	0%
<b>Grand Total</b>	<b>326</b>	<b>100%</b>	<b>\$35,757</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 5

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	931	37%	\$7,070,480	74%
Storage	76	3%	\$826,745	9%
Outside or Special Properties	985	39%	\$715,725	7%
Other Property Uses	108	4%	\$268,550	3%
Industrial, Utility, Defense, Agriculture, & Mining	38	2%	\$257,000	3%
Assembly	60	2%	\$254,110	3%
Mercantile and Business	93	4%	\$81,466	1%
Manufacturing and Processing	25	1%	\$38,300	0%
Educational	42	2%	\$29,700	0%
None	77	3%	\$26,600	0%
Health Care, Detention, and Corrections	17	1%	\$22,250	0%
Undetermined	43	2%	\$19,850	0%
<b>Grand Total</b>	<b>2,495</b>	<b>100%</b>	<b>\$9,610,776</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common/Functional Areas	137	10%	\$2,731,410	29%
Structural Areas	100	7%	\$1,674,502	18%
Undetermined Area	119	9%	\$1,317,850	14%
Outside Areas	500	36%	\$1,208,652	13%
Vehicle Areas	345	25%	\$1,016,716	11%
Storage Areas	49	4%	\$605,601	6%
Assembly Areas	19	1%	\$433,375	5%
Other Areas of Origin	83	6%	\$235,600	2%
Means of Egress (Exit/Exit Access/Exit Discharge)	8	1%	\$153,095	2%
Service or Equipment Areas	33	2%	\$116,621	1%
Technical Processing Areas	5	0%	\$24,000	0%
<b>Grand Total</b>	<b>1,398</b>	<b>100%</b>	<b>\$9,517,422</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	484	35%	\$4,056,850	43%
Operating Equipment	323	23%	\$2,854,041	30%
Matches & Lighters	55	4%	\$537,170	6%
Candles	13	1%	\$522,600	5%
Hot or Smoldering Object	205	15%	\$344,684	4%
Explosives & Fireworks	57	4%	\$301,785	3%
Heat Source Other	115	8%	\$279,991	3%
Smoking Materials	77	6%	\$189,400	2%
Chemical or Natural	16	1%	\$187,900	2%
Flares, Fuses & Torches	25	2%	\$178,701	2%
Heat Spread from Another Fire	13	1%	\$52,800	1%
Backfire from Engine	6	0%	\$11,000	0%
Multiple Heat Sources	9	1%	\$500	0%
<b>Grand Total</b>	<b>1,398</b>	<b>100%</b>	<b>\$9,517,422</b>	<b>100%</b>

Sorted by dollar loss. Includes heat sources reported in the Fire Module. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

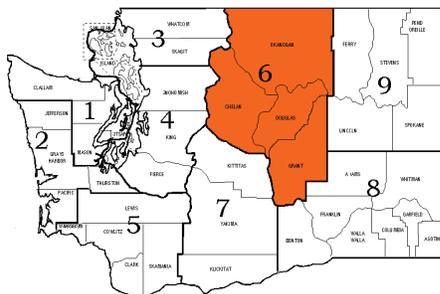
2006 Fire Deaths by County	# of Deaths	2006 Fire Deaths	Region	State	National*
Clark	1	Population	601,287	6,395,798	299,398,484
Cowlitz	2	Death Rate per Million	5.0	10.5	12.4
Lewis	0	*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.			
Skamania	0				
Wahkiakum	0				
<b>Regional Total</b>	<b>3</b>				

## Region 5 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Clark	Clark #1, Washougal	229	0	166	395	\$420,000
	Clark #10, Amboy	0	0	0	0	\$0
	Clark #11, Battle Ground	1,955	1	16	1,972	\$1,304,635
	Clark #12, Ridgefield	1,045	0	104	1,149	\$234,050
	Clark #13, Yacolt	107	0	21	128	\$7,000
	Clark #3, Brush Prairie	1,072	0	63	1,135	\$1,123,675
	Clark #6, Hazel Dell	4,925	0	109	5,034	\$181,835
	Clark #9, Fern Prairie	405	0	24	429	\$53,900
	Camas Fire Dept.	1,444	0	1,390	2,834	\$49,100
	Vancouver Fire Dept.	12,858	0	42	12,900	\$2,247,577
Washougal Fire Dept.	1,192	0	113	1,305	\$118,650	
<b>Clark Total</b>		<b>25,232</b>	<b>1</b>	<b>2,048</b>	<b>27,281</b>	<b>\$5,740,422</b>
Cowlitz	Cowlitz #1, Woodland	286	0	22	308	\$190,950
	Cowlitz #2, Kelso	4,801	1	95	4,897	\$396,224
	Cowlitz #3, Toutle	317	5	90	412	\$583,300
	Cowlitz #4, Rydewood	63	0	1	64	\$500
	Cowlitz #5, Kalama	576	0	221	797	\$182,500
	Cowlitz #6, Castle Rock	1,042	0	140	1,182	\$246,485
	Cowlitz/Skamania #7, Ariel	29	0	1	30	\$8,000
	Longview Fire Dept.	5,382	0	89	5,471	\$1,628,737
Woodland Fire Dept.	907	0	91	998	\$34,760	
<b>Cowlitz Total</b>		<b>13,403</b>	<b>6</b>	<b>750</b>	<b>14,159</b>	<b>\$3,271,456</b>
Lewis	Lewis #1, Onalaska	73	0	4	77	\$0
	Lewis #10, Packwood	11	0	2	13	\$56,000
	Lewis #11, Pe Ell	13	0	1	14	\$0
	Lewis #12, Centralia	153	0	10	163	\$242,300
	Lewis #13, Curtis	0	0	0	0	\$0
	Lewis #14, Randle	235	0	4	239	\$20,500
	Lewis #15, Winlock	743	0	111	854	\$0
	Lewis #17, Big Creek	1	0	2	3	\$0
	Lewis #18, Glenoma	0	0	0	0	\$0
	Lewis #2, Toledo	352	0	317	669	\$385,800
	Lewis #3, Mossyrock	215	0	11	226	\$57,000
	Lewis #4, Morton	79	0	205	284	\$42,700
	Lewis #5, Napavine	99	0	19	118	\$32,000
	Lewis #6, Chehalis	535	0	30	565	\$0
	Lewis #7, Vadar	99	0	10	109	\$0
	Lewis #9, Mineral	0	0	0	0	\$0
	Lewis #8, Salkum/Silver Creek	1	0	7	8	\$0
	Lewis #16, Doty/Dryad/Meskill	0	0	0	0	\$0
	Centralia Fire Dept.	1,402	0	33	1,435	\$138,770
	Chehalis Fire Dept.	202	0	8	210	\$59,053
Morton Fire Dept.	200	0	0	200	\$30,000	
Pe Ell Fire Dept.	0	0	0	0	\$0	
<b>Lewis Total</b>		<b>4,413</b>	<b>0</b>	<b>774</b>	<b>5,187</b>	<b>\$1,064,123</b>
Skamania	Mill-A Volunteers Fire Dept.	6	1	2	9	\$500
	Skamania #3, Underwood	29	0	0	29	\$13,550
	Skamania #4, Washougal	0	0	0	0	\$0
	Skamania #5, Skamania	32	0	2	34	\$0
	Skamania #6, Cougar	0	0	0	0	\$0
	Skamania #1, Carson	93	0	13	106	\$112,000
	North Bonneville Fire Dept.	11	0	4	15	\$0
	Stevenson Fire Dept.	62	0	15	77	\$278,020
<b>Skamania Total</b>		<b>233</b>	<b>1</b>	<b>36</b>	<b>270</b>	<b>\$404,070</b>
Wahkiakum	Wahkiakum #1, Cathlamet	0	0	0	0	\$0
	Wahkiakum #4	29	0	7	36	\$0
	Wahkiakum #2, Skamokawa	0	0	0	0	\$0
	Wahkiakum #3, Grays River	4	1	0	5	\$0
	Cathlamet Fire Dept.	0	0	0	0	\$0
<b>Wahkiakum Total</b>		<b>33</b>	<b>1</b>	<b>7</b>	<b>41</b>	<b>\$0</b>
<b>Region 5 Incident Total</b>		<b>43,314</b>	<b>9</b>	<b>3,615</b>	<b>46,938</b>	<b>\$10,480,071</b>

## Region 6

Chelan, Douglas, Grant, and Okanogan counties are part of Region 6. In 2006, 66% of the fire agencies submitted NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	1,247	14%	\$18,454,782	99%
Service Calls	324	4%	\$87,700	0%
Rescue and Emergency Medical Service	5,024	57%	\$36,000	0%
Hazardous Conditions (No Fire)	298	3%	\$10,565	0%
Fire Protection System Malfunction	217	2%	\$5,000	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	41	0%	\$1,000	0%
Unintentional False Fire Protection System Activation	231	3%	\$1,000	0%
Severe Weather & Natural Disaster	19	0%	\$0	0%
Other Types of Incidents	33	0%	\$0	0%
Good Intent Calls	1,133	13%	\$0	0%
False Alarms & False Calls	190	2%	\$0	0%
<b>Grand Total</b>	<b>8,757</b>	<b>100%</b>	<b>\$18,596,047</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	297	24%	\$17,914,846	97%
Vehicle Fires (Mobile Properties)	192	15%	\$321,331	2%
Fixed Mobile Property Fires	15	1%	\$76,500	0%
Outside Storage & Equipment Fires	49	4%	\$66,520	0%
Cultivated Vegetation Fires	19	2%	\$32,800	0%
Fire Other	86	7%	\$18,570	0%
Outside Rubbish Fires	157	13%	\$13,700	0%
Natural Vegetation Fires	432	35%	\$10,515	0%
<b>Grand Total</b>	<b>1,247</b>	<b>100%</b>	<b>\$18,454,782</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	38	38%	\$2,325	62%
Chimney or Flue Fire, Confined to Chimney or Flue	42	42%	\$1,050	28%
Commercial Compactor Fire, Confined to Rubbish	2	2%	\$300	8%
Trash or Rubbish Fire, Contained	17	17%	\$100	3%
Incinerator Overload or Malfunction, Fire Confined	0	0%	\$0	0%
Fuel Burner/Boiler Malfunction, Fire Confined	1	1%	\$0	0%
<b>Grand Total</b>	<b>100</b>	<b>100%</b>	<b>\$3,775</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 6

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Manufacturing and Processing	19	2%	\$10,914,000	59%
Storage	72	6%	\$3,833,427	21%
Residential	332	27%	\$2,517,490	14%
Mercantile and Business	24	2%	\$822,300	4%
Outside or Special Properties	658	53%	\$271,165	1%
Industrial, Utility, Defense, Agriculture, & Mining	59	5%	\$69,520	0%
Assembly	24	2%	\$19,800	0%
None	6	0%	\$5,000	0%
Educational	5	0%	\$1,550	0%
Other Property Uses	34	3%	\$330	0%
Health Care, Detention, and Corrections	4	0%	\$200	0%
Undetermined	6	0%	\$0	0%
<b>Grand Total</b>	<b>1,243</b>	<b>100%</b>	<b>\$18,454,782</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Property use not reported for 4 incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Storage Areas	25	4%	\$11,066,300	60%
Service or Equipment Areas	19	3%	\$3,311,500	18%
Structural Areas	42	6%	\$2,010,101	11%
Common/Functional Areas	64	10%	\$974,320	5%
Outside Areas	207	31%	\$423,350	2%
Vehicle Areas	139	21%	\$255,580	1%
Means of Egress (Exit/Exit Access/Exit Discharge)	7	1%	\$245,500	1%
Assembly Areas	5	1%	\$81,000	0%
Undetermined Area	141	21%	\$31,751	0%
Other Areas of Origin	12	2%	\$12,100	0%
<b>Grand Total</b>	<b>661</b>	<b>100%</b>	<b>\$18,411,502</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	278	42%	\$14,217,881	77%
Operating Equipment	161	24%	\$2,956,126	16%
Heat Spread from Another Fire	7	1%	\$838,000	5%
Hot or Smoldering Object	68	10%	\$153,060	1%
Candles	5	1%	\$130,460	1%
Heat Source Other	45	7%	\$53,500	0%
Matches & Lighters	20	3%	\$40,000	0%
Smoking Materials	18	3%	\$11,075	0%
Chemical or Natural	32	5%	\$8,600	0%
Backfire from Engine	5	1%	\$2,800	0%
Explosives & Fireworks	13	2%	\$0	0%
Flares, Fuses & Torches	8	1%	\$0	0%
Multiple Heat Sources	1	0%	\$0	0%
<b>Grand Total</b>	<b>661</b>	<b>100%</b>	<b>\$18,411,502</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%. Includes heat sources reported in the Fire Module.

2006 Fire Deaths by County	# of Deaths
Chelan	1
Douglas	0
Grant	0
Okanogan	0
<b>Regional Total</b>	<b>1</b>

2006 Fire Deaths	Region	State	National*
Population	229,458	6,395,798	299,398,484
Death Rate per Million	4.4	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 6 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Chelan	Chelan #1, Sunnyslope	479	0	124	603	\$315,000
	Chelan #3, Leavenworth	108	0	404	512	\$255,000
	Chelan #4, Ponderosa	5	0	1	6	\$50
	Chelan #5, Manson	61	0	20	81	\$1,815,226
	Chelan #6, Monitor/Dryden	331	0	0	331	\$24,300
	Chelan #7, Chelan/Chelan Falls	143	0	68	211	\$0
	Chelan #8, Entiat	0	0	0	0	\$0
	Chelan #9, Lake Wenatchee/Plain	118	2	31	151	\$0
	Cashmere Fire Dept.	81	0	26	107	\$0
	Wenatchee Fire Dept.	1,800	9	221	2,030	\$3,739,305
<b>Chelan Total</b>		<b>3,126</b>	<b>11</b>	<b>895</b>	<b>4,032</b>	<b>\$6,148,881</b>
Douglas	Douglas #1, Waterville	69	0	1	70	\$38,050
	Douglas #3, Grand Coulee	13	0	14	27	\$0
	Douglas #4, Orondo	0	0	0	0	\$0
	Douglas #5, Mansfield	23	0	6	29	\$0
	Headquarters Station	1,002	2	86	1,090	\$13,890
	Bridgeport Fire Dept./Ambulance	18	0	3	21	\$19,100
<b>Douglas Total</b>		<b>1,125</b>	<b>2</b>	<b>110</b>	<b>1,237</b>	<b>\$71,040</b>
Grant	Grant #10, Royal Slope	80	0	9	89	\$120,900
	Grant #12, Wilson Creek	9	0	1	10	\$0
	Grant #13, Ephrata	108	0	59	167	\$0
	Grant #14, Electric City	0	0	0	0	\$0
	Grant #15, Mose Lake	0	0	0	0	\$0
	Grant #3, Quincy	335	0	27	362	\$0
	Grant #4, Warden	92	0	6	98	\$0
	Grant #5, Moses Lake	1,687	0	25	1,712	\$6,530
	Grant #6, Hartline	0	0	0	0	\$0
	Grant #7, Soap Lake	198	0	33	231	\$0
	Grant #8, Mattawa	363	0	37	400	\$0
	Grant #11, East Royal Slope	20	0	7	27	\$12,000
	Coulee City Fire Dept.	13	0	2	15	\$0
	Electric City Fire Dept.	13	0	8	21	\$0
	Ephrata Fire Dept.	344	0	40	384	\$904,500
	Grand Coulee Fire Dept.	0	0	0	0	\$0
	Hartline Fire Dept.	0	0	0	0	\$0
	Krupp/Marlin Fire Dept.	0	0	0	0	\$0
	Moses Lake Fire Dept.	345	3	5	353	\$363,250
Quincy Fire Dept.	102	0	0	102	\$0	
Soap Lake Fire Dept.	19	1	25	45	\$28,500	
<b>Grant Total</b>		<b>3,728</b>	<b>4</b>	<b>284</b>	<b>4,016</b>	<b>\$1,435,680</b>

Region 6 Incident Summary continued on next page.

## Region 6 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Okanogan	Douglas/Okanogan #15	119	0	24	143	\$159,500
	Okanogan #10, Loomis	0	0	0	0	\$0
	Okanogan #12, Tonasket	0	0	0	0	\$0
	Okanogan #2, Elmer City	0	0	0	0	\$0
	Okanogan #3, Malott	256	1	112	369	\$10,163,050
	Okanogan #4, Tonasket	27	0	20	47	\$0
	Okanogan #8, Okanogan	0	0	0	0	\$0
	Okanogan#6, Carlton/Twisp	130	0	104	234	\$410,311
	Okanogan #7, Riverside	5	0	26	31	\$25,000
	Okanogan #9, Rural Conconully	0	0	0	0	\$0
	Okanogan #11, Molson/Chesaw	0	0	0	0	\$0
	Brewster Fire Dept.	0	0	0	0	\$0
	Coulee Dam Fire Dept.	0	0	0	0	\$0
	Nespelem Fire Dept.	0	0	0	0	\$0
	Okanogan Fire Dept.	53	0	21	74	\$25,765
	Omak Fire Dept.	100	0	3	103	\$107,720
	Oroville Fire Dept.	73	0	3	76	\$49,100
	Pateros Fire Dept.	0	0	0	0	\$0
	Twisp Fire Dept.	13	0	0	13	\$0
	Winthrop Fire Dept.	0	0	0	0	\$0
Conconully Fire Dept.	0	0	0	0	\$0	
<b>Okanogan Total</b>		<b>776</b>	<b>1</b>	<b>313</b>	<b>1,090</b>	<b>\$10,940,446</b>
<b>Region 6 Incident Total</b>		<b>8,755</b>	<b>18</b>	<b>1,602</b>	<b>10,375</b>	<b>\$18,596,047</b>

## Region 7

Kittitas, Klickitat, and Yakima counties are part of Region 7. In 2006, 78% of the fire agencies reported NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	1,945	9%	\$22,158,606	99%
Service Calls	994	4%	\$164,400	1%
Rescue and Emergency Medical Service	15,842	70%	\$109,700	0%
Hazardous Conditions (No Fire)	527	2%	\$6,170	0%
Other Types of Incidents	56	0%	\$800	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	29	0%	\$500	0%
Fire Protection System Malfunction	264	1%	\$0	0%
Unintentional False Fire Protection System Activation	598	3%	\$0	0%
Severe Weather & Natural Disaster	12	0%	\$0	0%
Good Intent Calls	2,084	9%	\$0	0%
False Alarms & False Calls	377	2%	\$0	0%
<b>Grand Total</b>	<b>22,728</b>	<b>100%</b>	<b>\$22,440,176</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	537	28%	\$19,261,859	87%
Vehicle Fires (Mobile Properties)	372	19%	\$1,647,088	7%
Outside Storage & Equipment Fires	62	3%	\$791,399	4%
Fixed Mobile Property Fires	21	1%	\$244,700	1%
Cultivated Vegetation Fires	25	1%	\$91,100	0%
Natural Vegetation Fires	634	33%	\$82,335	0%
Fire Other	111	6%	\$28,660	0%
Outside Rubbish Fires	183	9%	\$11,465	0%
<b>Grand Total</b>	<b>1,945</b>	<b>100%</b>	<b>\$22,158,606</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	77	50%	\$12,710	63%
Chimney or Flue Fire, Confined to Chimney or Flue	46	30%	\$5,200	26%
Trash or Rubbish Fire, Contained	23	15%	\$1,825	9%
Incinerator Overload or Malfunction, Fire Confined	3	2%	\$300	1%
Fuel Burner/Boiler Malfunction, Fire Confined	5	3%	\$50	0%
<b>Grand Total</b>	<b>154</b>	<b>100%</b>	<b>\$20,085</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 7

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	634	33%	\$8,641,599	39%
Storage	73	4%	\$7,915,450	36%
Educational	16	1%	\$2,311,275	10%
Outside or Special Properties	1,021	53%	\$1,548,132	7%
Manufacturing and Processing	27	1%	\$714,650	3%
Mercantile and Business	36	2%	\$491,200	2%
Health Care, Detention, and Corrections	7	0%	\$225,000	1%
Industrial, Utility, Defense, Agriculture, & Mining	58	3%	\$131,850	1%
Undetermined	8	0%	\$105,000	0%
Other Property Uses	14	1%	\$48,000	0%
Assembly	29	1%	\$20,950	0%
None	18	1%	\$5,500	0%
<b>Grand Total</b>	<b>1,941</b>	<b>100%</b>	<b>\$22,158,606</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Property use not reported for 4 incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined Area	179	13%	\$11,441,550	52%
Common/Functional Areas	181	14%	\$3,014,124	14%
Structural Areas	105	8%	\$2,061,850	9%
Storage Areas	55	4%	\$1,346,000	6%
Outside Areas	404	30%	\$1,297,349	6%
Vehicle Areas	281	21%	\$1,021,088	5%
Other Areas of Origin	54	4%	\$543,300	2%
Service or Equipment Areas	43	3%	\$536,050	2%
Assembly Areas	21	2%	\$425,450	2%
Technical Processing Areas	2	0%	\$205,000	1%
Means of Egress (Exit/Exit Access/Exit Discharge)	15	1%	\$111,500	1%
<b>Grand Total</b>	<b>1,340</b>	<b>100%</b>	<b>\$22,003,261</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	568	42%	\$14,890,843	68%
Operating Equipment	328	24%	\$3,115,540	14%
Heat Source Other	69	5%	\$876,179	4%
Chemical or Natural	22	2%	\$810,060	4%
Hot or Smoldering Object	124	9%	\$494,350	2%
Smoking Materials	35	3%	\$403,119	2%
Heat Spread from Another Fire	27	2%	\$361,050	2%
Candles	8	1%	\$322,850	1%
Matches & Lighters	71	5%	\$302,170	1%
Explosives & Fireworks	43	3%	\$255,000	1%
Flares, Fuses & Torches	36	3%	\$121,500	1%
Multiple Heat Sources	5	0%	\$50,000	0%
Backfire from Engine	4	0%	\$600	0%
<b>Grand Total</b>	<b>1,340</b>	<b>100%</b>	<b>\$22,003,261</b>	<b>100%</b>

Sorted by dollar loss. Includes heat sources reported in the Fire Module. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

2006 Fire Deaths by County	# of Deaths
Kittitas	0
Klickitat	0
Yakima	3
<b>Regional Total</b>	<b>3</b>

2006 Fire Deaths	Region	State	National*
Population	290,629	6,395,798	299,398,484
Death Rate per Million	10.3	10.5	12.4

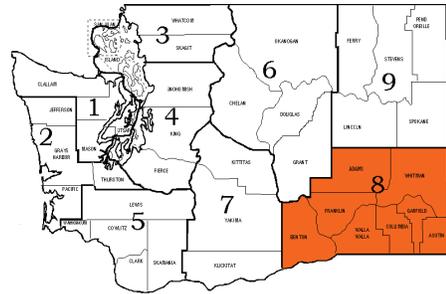
\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 7 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Kittitas	Kittitas #1, Thorp	135	0	11	146	\$112,000
	Kittitas #2, Ellensburg	652	0	70	722	\$423,149
	Kittitas #3, Easton	19	0	0	19	\$36,800
	Kittitas #4, Vantage	0	0	0	0	\$0
	Kittitas #6, Lake Cle Elum	25	0	2	27	\$550
	Kittitas #8, Lake Kachess	72	0	0	72	\$280,000
	Kittitas #7, Rural Cle Elum	395	1	62	458	\$371,500
	Cle Elum Fire Dept.	0	0	0	0	\$0
	Ellensburg Fire Dept.	2,395	0	37	2,432	\$29,800
	Kittitas Fire Dept.	0	0	0	0	\$0
	Roslyn Fire Dept.	0	0	0	0	\$0
	South Cle Elum Fire Dept.	0	0	0	0	\$0
<b>Kittitas Total</b>		<b>3,693</b>	<b>1</b>	<b>182</b>	<b>3,876</b>	<b>\$1,253,799</b>
Klickitat	Klickitat #1, Trout Lake	0	0	0	0	\$0
	Klickitat #10, Alderdale	0	0	0	0	\$0
	Klickitat #12, Klickitat	8	0	0	8	\$0
	Klickitat #13, Appleton	13	0	6	19	\$501,100
	Klickitat #14, High Prairie	19	0	67	86	\$0
	Klickitat #2, Bickleton	0	0	1	1	\$0
	Klickitat #3, Husum/Cherry Lane	27	0	2	29	\$0
	Klickitat #4, Lyle	117	0	20	137	\$2,550
	Klickitat #5, Centerville	12	0	14	26	\$11,200
	Klickitat #6, Dallesport	28	0	8	36	\$11,000
	Klickitat #7, Goldendale	47	0	2	49	\$200
	Klickitat #8, Glenwood	0	0	0	0	\$0
	Klickitat #9, Roosevelt	8	0	3	11	\$0
	Klickitat #11, Wishram	1	0	0	1	\$10,000
	Bingen Fire Dept.	10	0	10	20	\$160,000
	Goldendale Fire Dept.	24	0	2	26	\$12,500
White Salmon Fire Dept.	20	0	16	36	\$0	
<b>Klickitat Total</b>		<b>334</b>	<b>0</b>	<b>151</b>	<b>485</b>	<b>\$708,550</b>
Yakima	Yakima #12, West Valley	504	0	75	579	\$718,100
	Yakima #14, Nile/Cliffdell	0	0	0	0	\$0
	Yakima #2, Selah	968	0	49	1,017	\$766,989
	Yakima #4, Moxee	809	0	40	849	\$575,600
	Yakima #5, Zillah	2,517	0	27	2,544	\$5,380,679
	Yakima #6, Gleed	55	0	17	72	\$181,500
	Yakima #7, Glade	0	0	0	0	\$0
	Yakima #9, Naches Heights	0	0	0	0	\$0
	Yakima #1, Cowiche	63	0	33	96	\$118,000
	Naches Fire Dept.	39	0	18	57	\$28,200
	Grandview Fire Dept.	532	0	5	537	\$158,300
	Granger Fire Dept.	119	0	3	122	\$128,150
	Mabton Fire Dept.	89	0	1	90	\$26,000
	Sunnyside Fire Dept.	1,732	2	115	1,849	\$831,010
	Tieton Fire Dept.	26	0	16	42	\$0
	Toppenish Fire Dept.	669	1	141	811	\$490,840
	Union Gap Fire Dept.	892	0	48	940	\$116,104
	Wapato Fire Dept.	605	0	6	611	\$189,920
	Yakima Fire Dept.	8,880	4	66	8,950	\$10,358,435
Zillah Fire Dept.	202	0	10	212	\$410,000	
<b>Yakima Total</b>		<b>18,701</b>	<b>7</b>	<b>670</b>	<b>19,378</b>	<b>\$20,477,827</b>
<b>Region 7 Incident Total</b>		<b>22,728</b>	<b>8</b>	<b>1,003</b>	<b>23,739</b>	<b>\$22,440,176</b>

## Region 8

Adams, Asotin, Benton, Columbia, Garfield, Franklin, Walla Walla, and Whitman counties are part of Region 8. In 2006, 63% of the fire agencies reported NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	1,720	8%	\$6,157,986	96%
Hazardous Conditions (No Fire)	641	3%	\$188,050	3%
Rescue and Emergency Medical Service	12,639	61%	\$47,200	1%
Unintentional False Fire Protection System Activation	1,431	7%	\$20,000	0%
Service Calls	805	4%	\$14,690	0%
Overpressure Rupture, Explosion, Overheat (No Fire)	42	0%	\$5,200	0%
Other Types of Incidents	176	1%	\$0	0%
Fire Protection System Malfunction	1,022	5%	\$0	0%
Severe Weather & Natural Disaster	38	0%	\$0	0%
Good Intent Calls	1,698	8%	\$0	0%
False Alarms & False Calls	440	2%	\$0	0%
<b>Grand Total</b>	<b>20,652</b>	<b>100%</b>	<b>\$6,433,126</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	483	28%	\$5,230,390	85%
Vehicle Fires (Mobile Properties)	283	16%	\$536,623	9%
Natural Vegetation Fires	508	30%	\$143,403	2%
Fixed Mobile Property Fires	23	1%	\$130,100	2%
Cultivated Vegetation Fires	49	3%	\$63,750	1%
Outside Storage & Equipment Fires	65	4%	\$46,270	1%
Outside Rubbish Fires	229	13%	\$6,150	0%
Fire Other	80	5%	\$1,300	0%
<b>Grand Total</b>	<b>1,720</b>	<b>100%</b>	<b>\$6,157,986</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	100	49%	\$18,205	91%
Trash or Rubbish Fire, Confined	69	34%	\$1,110	6%
Chimney or Flue Fire, Confined to Chimney or Flue	32	16%	\$800	4%
Fuel Burner/Boiler Malfunction, Fire Confined	2	1%	\$0	0%
Commercial Compactor Fire, Confined to Rubbish	1	0%	\$0	0%
<b>Grand Total</b>	<b>204</b>	<b>100%</b>	<b>\$20,115</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 8

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	566	33%	\$3,966,981	64%
Storage	60	3%	\$1,048,600	17%
Outside or Special Properties	847	49%	\$598,142	10%
Industrial, Utility, Defense, Agriculture, & Mining	83	5%	\$208,820	3%
Assembly	32	2%	\$153,300	2%
Mercantile and Business	57	3%	\$105,943	2%
Health Care, Detention, and Corrections	9	1%	\$43,000	1%
Manufacturing and Processing	16	1%	\$25,000	0%
Educational	12	1%	\$4,500	0%
None	13	1%	\$2,700	0%
Other Property Uses	19	1%	\$1,000	0%
Undetermined	6	0%	\$0	0%
<b>Grand Total</b>	<b>1,720</b>	<b>100%</b>	<b>\$6,157,986</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structural Areas	75	8%	\$1,889,150	31%
Common/Functional Areas	131	14%	\$1,484,895	25%
Assembly Areas	25	3%	\$712,800	12%
Vehicle Areas	264	29%	\$649,843	11%
Storage Areas	65	7%	\$530,840	9%
Outside Areas	245	27%	\$225,875	4%
Undetermined Area	59	6%	\$215,000	4%
Service or Equipment Areas	23	3%	\$207,100	3%
Technical Processing Areas	4	0%	\$55,000	1%
Other Areas of Origin	23	3%	\$20,800	0%
Means of Egress (Exit/Exit Access/Exit Discharge)	4	0%	\$7,100	0%
<b>Grand Total</b>	<b>918</b>	<b>100%</b>	<b>\$5,998,403</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	287	31%	\$2,574,993	43%
Operating Equipment	307	33%	\$1,621,675	27%
Hot or Smoldering Object	104	11%	\$517,975	9%
Heat Source Other	47	5%	\$319,500	5%
Multiple Heat Sources	6	1%	\$288,200	5%
Matches & Lighters	54	6%	\$246,110	4%
Flares, Fuses & Torches	14	2%	\$176,000	3%
Chemical or Natural	23	3%	\$66,600	1%
Heat Spread from Another Fire	18	2%	\$64,050	1%
Candles	8	1%	\$63,300	1%
Smoking Materials	33	4%	\$57,500	1%
Backfire from Engine	6	1%	\$1,500	0%
Explosives & Fireworks	11	1%	\$1,000	0%
<b>Grand Total</b>	<b>918</b>	<b>100%</b>	<b>\$5,998,403</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%. Includes heat sources reported in the Fire Module.

2006 Fire Deaths by County	# of Deaths
Adams	1
Asotin	0
Benton	4
Franklin	1
Garfield	0
Walla Walla	0
Whitman	1
<b>Regional Total</b>	<b>7</b>

2006 Fire Deaths	Region	State	National*
Population	368,036	6,395,798	299,398,484
Death Rate per Million	19.0	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 8 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
<b>Adams</b>	Adams #1, Ritzville	59	0	2	61	\$0
	Adams #2, Lind	0	0	0	0	\$0
	Adams #4, McCall	0	0	0	0	\$0
	Adams #5, Othello	152	0	2	154	\$0
	Adams #6, Benge	0	0	0	0	\$0
	Adams #7, Washtucna	0	0	0	0	\$0
	Lind Fire Dept.	0	0	0	0	\$0
	Othello Fire Dept.	120	0	0	120	\$0
	Ritzville Fire Dept.	0	0	0	0	\$0
<b>Adams Total</b>		<b>331</b>	<b>0</b>	<b>4</b>	<b>335</b>	<b>\$0</b>
<b>Asotin</b>	Asotin #1, Clarkston	231	0	34	265	\$0
	Asotin Fire Dept.	19	0	28	47	\$0
	Clarkston Fire Dept.	210	0	11	221	\$10,000
<b>Asotin Total</b>		<b>460</b>	<b>0</b>	<b>73</b>	<b>533</b>	<b>\$10,000</b>
<b>Benton</b>	Benton #2, Benton City	496	0	93	589	\$101,002
	Benton #3, Prosser	190	0	5	195	\$641,000
	Benton #4, West Richland	552	1	88	641	\$257,850
	Benton #5, Horse Haven	0	0	0	0	\$0
	Benton #1, Kennewick	872	0	96	968	\$283,335
	Benton #6, Plymouth/Paterson	91	0	3	94	\$0
	Kennewick Fire Dept.	5,593	5	364	5,962	\$1,283,105
	Prosser Fire Dept.	87	0	1	88	\$28,200
	Richland Fire Dept.	4,029	0	152	4,181	\$154,650
	Hanford Fire Dept.	1,041	0	44	1,085	\$100
<b>Benton Total</b>		<b>12,951</b>	<b>6</b>	<b>846</b>	<b>13,803</b>	<b>\$2,749,242</b>
<b>Columbia</b>	Columbia #3, Dayton	456	0	9	465	\$343,320
	Columbia #1, Starbuck	20	0	5	25	\$2,000
<b>Columbia Total</b>		<b>476</b>	<b>0</b>	<b>14</b>	<b>490</b>	<b>\$345,320</b>
<b>Franklin</b>	Connell Fire Depart	0	0	0	0	\$0
	Franklin #1, Connell	0	0	0	0	\$0
	Franklin #2, Kahlotus	0	0	0	0	\$0
	Franklin #3, Pasco	221	0	20	241	\$142,500
	Franklin #4, Basin City	0	0	1	1	\$0
	Pasco Fire Dept.	485	5	9	499	\$1,004,383
<b>Franklin Total</b>		<b>706</b>	<b>5</b>	<b>30</b>	<b>741</b>	<b>\$1,146,883</b>

Region 8 Incident Summary continued on next page.

## Region 8 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
<b>Garfield</b>	Garfield #1, Pomeroy	25	0	3	28	\$0
<b>Garfield Total</b>		<b>25</b>	<b>0</b>	<b>3</b>	<b>28</b>	<b>\$0</b>
<b>Walla Walla</b>	Walla Walla #1, Clyde	0	0	0	0	\$0
	Walla Walla #2, Waitsburg	0	0	0	0	\$0
	Walla Walla #3, Eureka	0	0	0	0	\$0
	Walla Walla #5, Burbank	342	1	39	382	\$120,000
	Walla Walla #6, Touchet	0	0	0	0	\$0
	Walla Walla #7, Prescott	0	0	0	0	\$0
	Walla Walla #8, Dixie	0	0	0	0	\$0
	Walla Walla #4, Walla Walla	551	0	72	623	\$465,050
	College Place Fire Dept.	959	0	26	985	\$279,250
	Prescott Fire Dept.	0	0	0	0	\$0
	Waitsburg Fire Dept.	0	0	0	0	\$0
	Walla Walla Fire Dept.	1,667	12	35	1,714	\$561,985
<b>Walla Walla Total</b>		<b>3,519</b>	<b>13</b>	<b>172</b>	<b>3,704</b>	<b>\$1,426,285</b>
<b>Whitman</b>	Colton Fire Depart	0	0	1	1	\$0
	Malden Volunteer Fire and EMS	9	0	0	9	\$0
	Tekoa Fire Depart	16	0	0	16	\$0
	Whitman # 6, Endicott	0	0	0	0	\$0
	Whitman #1, Tekoa	18	0	0	18	\$0
	Whitman #10, Oaksdale/Farmington	20	0	0	20	\$0
	Whitman #11, Albion/Colfax	0	0	0	0	\$0
	Whitman #12, Pullman	0	0	0	0	\$0
	Whitman #13, Wilcox	0	0	0	0	\$0
	Whitman #4, Palouse	27	0	6	33	\$0
	Whitman #5, Lamont	15	0	3	18	\$0
	Whitman #7, Rosalia	14	0	13	27	\$62,200
	St. John Volunteer Fire Dept.	6	0	0	6	\$0
	Whitman #8, La Crosse/Hooper	11	0	13	24	\$0
	Whitman #14, Colton/Uniontown	76	0	10	86	\$146,000
	Albion Fire Dept.	13	0	0	13	\$0
	Colfax Fire Dept.	238	0	0	238	\$10,850
	Garfield Fire Dept.	0	0	0	0	\$0
	La Crosse Fire Dept.	0	0	0	0	\$0
	Pullman Fire Dept.	1,707	0	105	1,812	\$356,146
Rosalia Fire Dept.	14	0	0	14	\$180,200	
<b>Whitman Total</b>		<b>2,184</b>	<b>0</b>	<b>151</b>	<b>2,335</b>	<b>\$755,396</b>
<b>Region 8 Incident Total</b>		<b>20,652</b>	<b>24</b>	<b>1,293</b>	<b>21,969</b>	<b>\$6,433,126</b>

## Region 9

Ferry, Lincoln, Pend Oreille, Spokane, and Stevens counties are part of Region 9. In 2006, 75% of the fire agencies reported NFIRS data to the Office of the State Fire Marshal.



Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Fire	2,262	5%	\$24,150,090	97%
Rescue and Emergency Medical Service	29,270	65%	\$313,225	1%
Hazardous Conditions (No Fire)	1,363	3%	\$180,100	1%
Good Intent Calls	3,701	8%	\$130,500	1%
Overpressure Rupture, Explosion, Overheat (No Fire)	111	0%	\$27,500	0%
Severe Weather & Natural Disaster	26	0%	\$20,000	0%
Service Calls	3,146	7%	\$2,750	0%
Unintentional False Fire Protection System Activation	1,091	2%	\$0	0%
Other Types of Incidents	2,231	5%	\$0	0%
Fire Protection System Malfunction	814	2%	\$0	0%
False Alarms & False Calls	740	2%	\$0	0%
<b>Grand Total</b>	<b>44,755</b>	<b>100%</b>	<b>\$24,824,165</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structure Fires (including confined fires)	618	27%	\$21,880,570	91%
Vehicle Fires (Mobile Properties)	363	16%	\$901,065	4%
Natural Vegetation Fires	599	26%	\$856,650	4%
Cultivated Vegetation Fires	26	1%	\$246,000	1%
Fixed Mobile Property Fires	29	1%	\$186,940	1%
Outside Storage & Equipment Fires	104	5%	\$47,325	0%
Outside Rubbish Fires	365	16%	\$19,815	0%
Fire Other	158	7%	\$11,725	0%
<b>Grand Total</b>	<b>2,262</b>	<b>100%</b>	<b>\$24,150,090</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Cooking Fire, Confined to Container	90	38%	\$7,400	34%
Trash or Rubbish Fire, Contained	40	17%	\$7,360	34%
Chimney or Flue Fire, Confined to Chimney or Flue	97	41%	\$3,710	17%
Fuel Burner/Boiler Malfunction, Fire Confined	5	2%	\$3,000	14%
Commercial Compactor Fire, Confined to Rubbish	2	1%	\$0	0%
<b>Grand Total</b>	<b>234</b>	<b>100%</b>	<b>\$21,470</b>	<b>100%</b>

These incidents are included in the fire counts listed above. Confined fires do not require area of origin or heat sources to be documented. Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

## Region 9

### Fires by:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	867	38%	\$20,112,260	83%
Storage	94	4%	\$1,161,100	5%
Industrial, Utility, Defense, Agriculture, & Mining	77	3%	\$734,200	3%
Outside or Special Properties	976	43%	\$575,895	2%
None	22	1%	\$483,600	2%
Educational	29	1%	\$300,525	1%
Mercantile and Business	67	3%	\$247,550	1%
Assembly	40	2%	\$167,500	1%
Other Property Uses	41	2%	\$153,700	1%
Health Care, Detention, and Corrections	12	1%	\$122,050	1%
Manufacturing and Processing	23	1%	\$91,710	0%
Undetermined	7	0%	\$0	0%
<b>Grand Total</b>	<b>2,255</b>	<b>100%</b>	<b>\$24,150,090</b>	<b>100%</b>

Sorted by dollar loss. Property use not reported for 7 incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structural Areas	118	9%	\$15,086,450	63%
Common/Functional Areas	146	11%	\$3,285,350	14%
Storage Areas	73	5%	\$1,862,040	8%
Outside Areas	509	38%	\$1,370,875	6%
Vehicle Areas	305	23%	\$767,765	3%
Undetermined Area	120	9%	\$638,800	3%
Means of Egress (Exit/Exit Access/Exit Discharge)	13	1%	\$423,000	2%
Assembly Areas	12	1%	\$417,050	2%
Service or Equipment Areas	27	2%	\$149,550	1%
Other Areas of Origin	24	2%	\$75,000	0%
Technical Processing Areas	4	0%	\$0	0%
<b>Grand Total</b>	<b>1,351</b>	<b>100%</b>	<b>\$24,075,880</b>	<b>100%</b>

Sorted by dollar loss. Excludes aid given incidents. Percents rounded to the nearest whole number and some categories represent less than 1%.

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	521	39%	\$16,980,975	71%
Operating Equipment	289	21%	\$2,260,240	9%
Hot or Smoldering Object	198	15%	\$1,842,440	8%
Smoking Materials	92	7%	\$1,008,950	4%
Matches & Lighters	74	5%	\$766,800	3%
Heat Spread from Another Fire	8	1%	\$398,300	2%
Heat Source Other	44	3%	\$340,600	1%
Chemical or Natural	39	3%	\$247,900	1%
Candles	14	1%	\$166,600	1%
Flares, Fuses & Torches	20	1%	\$36,700	0%
Backfire from Engine	8	1%	\$23,850	0%
Multiple Heat Sources	9	1%	\$1,500	0%
Explosives & Fireworks	35	3%	\$1,025	0%
<b>Grand Total</b>	<b>1,351</b>	<b>100%</b>	<b>\$24,075,880</b>	<b>100%</b>

Sorted by dollar loss. Includes heat sources reported in the Fire Module. Percents rounded to the nearest whole number and some categories represent less than 1%.

2006 Fire Deaths by County	# of Deaths
Ferry	1
Lincoln	0
Pend Oreille	0
Spokane	3
Stevens	0
<b>Regional Total</b>	<b>4</b>

2006 Fire Deaths	Region	State	National*
Population	502,934	6,395,798	299,398,484
Death Rate per Million	8.0	10.5	12.4

\*Based on 2004 Fire Fatality Statistics by the United States Fire Administration.

## Region 9 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Ferry	Ferry/Stevens #3 & 8	65	0	1	66	\$190,000
	Ferry/Okanagan #13, Republic	0	0	0	0	\$0
	Ferry/Okanagan #14	0	0	0	0	\$0
<b>Ferry Total</b>		<b>65</b>	<b>0</b>	<b>1</b>	<b>66</b>	<b>\$190,000</b>
Lincoln	Lincoln #1, Sprague	81	0	4	85	\$518,200
	Lincoln #3, Odessa	13	0	3	16	\$221,100
	Lincoln #5, Davenport	27	0	6	33	\$83,500
	Lincoln #6, Harrington	0	0	0	0	\$0
	Lincoln #7, Wilbur	9	0	3	12	\$0
	Lincoln #8, Almira	18	0	0	18	\$0
	Lincoln #9, Grand Coulee	0	0	0	0	\$0
	Lincoln #4, Reardan/Edwall/Long Lake	108	0	9	117	\$53,575
	Almira Fire Dept.	15	0	0	15	\$0
	Creston Fire Dept.	0	0	0	0	\$0
	Davenport Fire Dept.	19	0	1	20	\$235,000
	Odessa Fire Dept.	2	0	0	2	\$0
	<b>Lincoln Total</b>		<b>292</b>	<b>0</b>	<b>26</b>	<b>318</b>
Pend Oreille	Pend Oreille #1, Elk	0	0	0	0	\$0
	Pend Oreille #3, Newport	175	0	11	186	\$58,500
	Pend Oreille #4, Newport	1	0	0	1	\$0
	Pend Oreille #5, Cusick	0	0	0	0	\$0
	Pend Oreille #6, Newport	11	0	0	11	\$0
	Pend Oreille #8, Newport	0	0	0	0	\$0
	Pend Oreille #2, Metaline Falls	9	0	0	9	\$0
	Pend Oreille #7, Ferile Valley	6	0	6	12	\$0
	Cusick Fire Dept.	0	0	0	0	\$0
	Ione Fire Dept.	0	0	0	0	\$0
	Metaline Fire Dept.	2	0	13	15	\$0
	Metaline Falls Fire Dept.	0	0	0	0	\$0
	Newport Fire Dept.	34	0	6	40	\$49,000
<b>Pend Oreille Total</b>		<b>238</b>	<b>0</b>	<b>36</b>	<b>274</b>	<b>\$107,500</b>

Region 9 Incident Summary continued on next page.

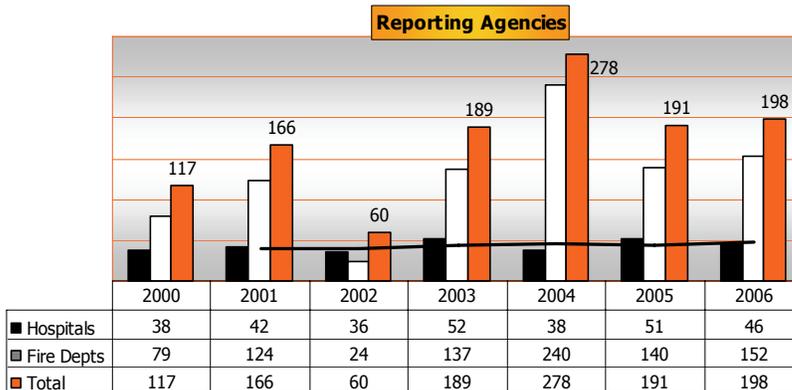
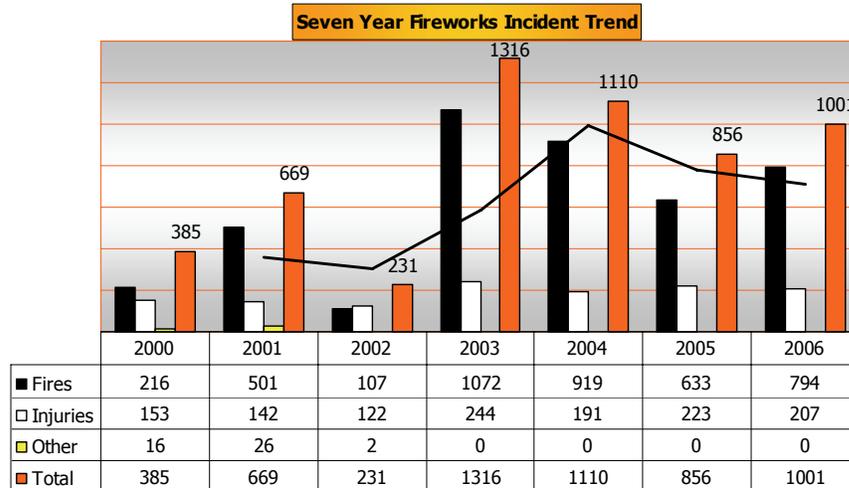
## Region 9 Incident Summary

County	Fire Department Name	Frequency of Incidents	Exposures Reports	Automatic or Mutual Aid Given Reports	Total Number of Incidents	Total Property and Content Loss Reported
Spokane	Spokane #2, Fairfield	17	0	11	28	\$0
	Spokane #3, Spokane	845	2	151	998	\$274,345
	Spokane #4, Deer Park	264	0	6	270	\$549,000
	Spokane #9, Mead	2,568	4	27	2,599	\$611,050
	Spokane #1, Spokane Valley	9,653	0	51	9,704	\$991,650
	Spokane #5, Nine Mile Falls	52	0	18	70	\$0
	Spokane #8, Hangman/Mica	904	0	165	1,069	\$127,000
	Spokane #10, Airway Heights	860	0	62	922	\$336,600
	Spokane #11, Rockford	32	0	3	35	\$0
	Spokane #12, Latah/Waverly	25	0	16	41	\$10,000
	Spokane #13, Newman Lake	66	0	1	67	\$0
	Airway Heights Fire Dept.	696	0	67	763	\$64,500
	Cheney Fire Dept.	1,026	0	50	1,076	\$328,600
	Medical Lake Fire Dept.	51	0	393	444	\$35,000
	Rockford Fire Dept.	23	0	0	23	\$0
	Spokane Fire Dept.	25,569	0	27	25,596	\$18,455,355
<b>Spokane Total</b>		<b>42,651</b>	<b>6</b>	<b>1,048</b>	<b>43,705</b>	<b>\$21,783,100</b>
Stevens	Stevens #5, Addy	65	0	0	65	\$1,141,300
	Stevens #7, Arden	133	0	20	153	\$332,750
	Stevens #10, Deep Lake	0	0	0	0	\$0
	Stevens #2, Hunters	2	0	0	2	\$20,000
	Stevens #3, Colville	0	0	0	0	\$0
	Stevens #1, Clayton	1,025	0	20	1,045	\$20,000
	Stevens #4, Valley/Chewelah	123	0	24	147	\$0
	Stevens #9, Little Pend Oreille Lake	3	0	0	3	\$0
	Stevens #11, Northport	29	0	5	34	\$0
	Stevens #12, Rice/Daisy/Gifford	40	0	1	41	\$90,000
	Chewelah Fire Dept.	31	0	12	43	\$440
	Colville Fire Dept.	0	0	0	0	\$0
	Kettle Falls Fire Dept.	52	0	4	56	\$27,700
	Marcus Fire Dept.	0	0	0	0	\$0
	Northport Fire Dept.	6	0	19	25	\$0
	<b>Stevens Total</b>		<b>1,509</b>	<b>0</b>	<b>105</b>	<b>1,614</b>
<b>Region 9 Incident Total</b>		<b>44,755</b>	<b>6</b>	<b>1,216</b>	<b>45,977</b>	<b>\$24,824,165</b>

## Fireworks Report

There were 1,001 fireworks-related injuries and/or fires reported to the State Fire Marshal in 2006, by fire departments and hospital emergency rooms. This is a 17% increase from the previous year total of 856 and a 26% increase over the seven-year average of 795. Of the 1,001 reports received, there were 794 fires and 207 injuries. These incidents resulted in \$9 million in property loss. This data was collected on paper reports from individual fire departments and hospitals and is partially from the National Fire Incident Reporting System (NFIRS) database.

Fireworks-related incidents most often occur on July 4. This has remained constant over the past seven years.

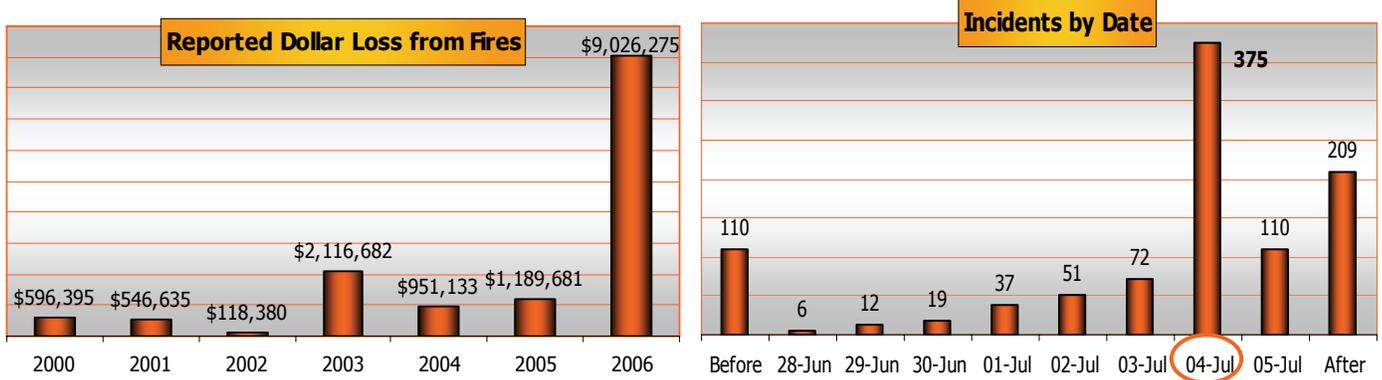


## Schools Succumb to High Fire Losses

In 2006, three school fires reported over \$8 million in property and contents loss. In Centralia, the Oakview Elementary School was damaged by fireworks thrown into a trash container by two 14-year-old boys. In SeaTac, Boulevard Park Elementary School was destroyed by fireworks (possibly a bottle rocket) that started a vegetation fire which spread to the school. The school had previously been closed and was being used for storage. In Spokane Valley, the Ponderosa Elementary School received fire damage to its roof when kids were lighting fireworks on school property. Bottle rockets and packaging were found on the school grounds and on the roof.



## Fireworks Report



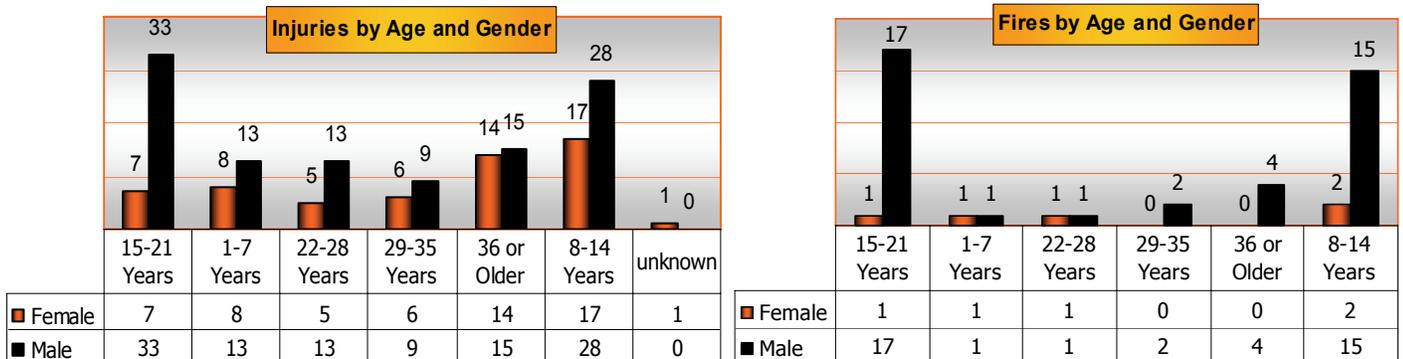
In 2006, fireworks-related fires caused an estimated loss of \$9,026,275. Based on the reports received, illegal fireworks were identified as the cause in 17% of all reported fireworks-related fires and caused \$5,912,175 in property loss, or 65% of the estimated total loss from fireworks-related fires. Legal fireworks were identified in 11% of the reported fires, with a loss of \$3,081,550, or 34% of the total loss. The type of fireworks was not identified by the reporting fire department in 72% of the fire incidents (Table #1).

<i>Property Type</i>	<b>Dollar Loss</b>				<b>Number of Fires</b>			
	<i>Illegal</i>	<i>Legal</i>	<i>Unidentified</i>	<i>Total</i>	<i>Illegal</i>	<i>Legal</i>	<i>Unknown</i>	<i>Total</i>
Wildland/Vegetation	\$ 2,525	\$ 9,300	\$ 2,850	\$ 14,675	96	60	391	547
Residential	\$ 857,100	\$ 17,500	\$ 25,200	\$ 899,800	19	9	76	104
Commercial	\$ 1,000	\$ 50,000	\$ 4,500	\$ 55,500	3	4	10	17
School	\$ 5,051,350	\$3,001,000	\$ -	\$ 8,052,350	6	5	6	17
Vehicle	\$ -	\$ 3,750	\$ -	\$ 3,750	6	3	33	42
Unknown/Other	\$ 200	\$ -	\$ -	\$ 200	8	4	55	86
<b>Total</b>	<b>\$ 5,912,175</b>	<b>\$3,081,550</b>	<b>\$ 32,550</b>	<b>\$ 9,026,275</b>	<b>138</b>	<b>85</b>	<b>571</b>	<b>794</b>

Of great concern is the loss to schools at \$8,052,350. Most of the loss was from just three school fires. Schools were the smallest percent of the fire incidents, at just 2%, but had the greatest amount of property loss. Wildland/vegetation fires accounted for 68% of the total fires and had a loss of \$14,675. Residential fires accounted for 13% with a fire loss of \$899,800 and 5% were vehicle fires with a fire loss of \$3,750 (Table #1).

## Fireworks Report

Fireworks-related fires by age and gender (see chart below) shows that male juveniles are causing most (65%) of the fireworks-related fires. Fireworks-related injuries by age and gender show that male youth and young adults are most often injured in fireworks-related injury incidents. There was no adult supervision in 24% of the incidents where supervision was known and children were involved. According to the Center for Disease Control, children are 11 times more likely to be injured by fireworks if they are unsupervised.<sup>1</sup>



The type of injury caused most often was burns at 51%. The next leading injury was trauma at 30%, followed by amputations at less than 1% (Table #2).

Type of Injury	Type of Injury				Injury Location				
	Illegal	Legal	Unknown	Total	Place Injured	Illegal	Legal	Unknown	Total
<b>Amputation</b>	3	0	0	3	<b>Arm</b>	4	3	2	<b>9</b>
<b>First Degree Burn</b>	17	12	14	43	<b>Hand</b>	23	19	15	<b>57</b>
<b>Second Degree Burn</b>	23	19	10	52	<b>Head or Face</b>	43	19	20	<b>82</b>
<b>Third Degree Burn</b>	2	4	4	10	<b>Leg or Foot</b>	10	2	6	<b>18</b>
<b>Trauma</b>	41	8	13	62	<b>Multiple Locations</b>	4	0	1	<b>5</b>
<b>Unknown/Other</b>	9	5	23	37	<b>Torso</b>	8	1	3	<b>12</b>
<b>Total</b>	<b>95</b>	<b>48</b>	<b>64</b>	<b>207</b>	<b>Unknown</b>	2	4	18	<b>24</b>
					<b>Total</b>	<b>94</b>	<b>48</b>	<b>65</b>	<b>207</b>

<sup>1</sup> Center for Disease Control, National Center for Injury Prevention and Control, Fireworks-Related Injuries, April 4, 2006, <http://www.cdc.gov/ncipc/factsheets/fworks.htm>.

## Fireworks Report

Table #3 shows the types of fireworks devices that were involved in injury incidents. Illegal fireworks were involved in 101 injury incidents, or 49%, and legal fireworks were responsible for 46 incidents, or 22%.

Of the 46 incidents involving legal devices, sparklers caused 13, or 28%, of the incidents, followed by multi aerals with 8, or 17%, and third are roman candles at 7, or 15%, of the incidents. The remaining miscellaneous fireworks caused 18, or 39%, of the incidents. Illegal devices causing injuries include bottle rockets at 27, or 27 %, and firecrackers at 17, or 17%.

As shown in Table #4, the leading cause of fireworks-related injuries is "Holding" at 40 incidents, followed by "delayed ignition" at 14 incidents, and "leaning" at 13 incidents.

<b>Table #3</b>				
<b>Injuries by Type of Device</b>				
<b>Type of Device</b>	<b>Illegal</b>	<b>Legal</b>	<b>Unknown</b>	<b>Total</b>
Altered Fireworks	5	0	0	5
Bottle Rockets	27	0	0	27
Cones and Fountains	0	3	0	3
Firecrackers and Chasers	17	0	0	17
Ground Spinners	0	4	0	4
Helicopters	0	1	0	1
Homemade Explosive Devices	15	0	0	15
M-100's or Larger	1	0	0	1
M-80's	4	0	0	4
Missiles and Rockets	14	0	0	14
Multi-Aerials	2	8	0	10
Novelties	0	2	0	2
Public Display Mortars	15	0	0	15
Roman Candles	1	7	0	8
Smoke Items	0	6	0	6
Sparklers	0	13	0	13
Unknown	0	2	60	62
<b>Grand Total</b>	<b>101</b>	<b>46</b>	<b>60</b>	<b>207</b>

<b>Table #4</b>	
<b>Cause of Injury</b>	
<b>Cause</b>	
Delayed Ignition	14
Holding Fireworks in Hands	40
Leaning Over Fireworks	13
Tampering with Fireworks	10
Throwing Fireworks	16
Unsafe Surface for Lighting	8
Other/Unknown	106
<b>Grand Total</b>	<b>207</b>

## Fireworks Report

Fires and injuries caused by fireworks are reported by local fire agencies and hospitals on paper forms or through NFIRS. The chart below provides a summary of the reports received in 2006 by county and agency type.

County	Fire Department			Fire District			Hospital		Grand Total
	Fire	Injury	Total	Fire	Injury	Total	Injury	Total	
Adams	0	0	0	0	0	0	1	1	1
Asotin	0	0	0	0	0	0	1	1	1
Benton	4	0	4	2	0	2	2	2	8
Chelan	2	0	2	2	0	2	1	1	5
Clallam	12	0	12	5	0	5	1	1	18
Clark	20	0	20	11	0	11	3	3	34
Cowlitz	3	0	3	9	2	11	0	0	14
Douglas	0	0	0	1	0	1	0	0	1
Franklin	3	0	3	1	1	2	2	2	7
Grant	10	0	10	7	0	7	2	2	19
Grays Harbor	14	4	18	2	0	2	5	5	25
Island	4	0	4	4	1	5	4	4	13
Jefferson	0	0	0	0	0	0	1	1	1
King	178	5	183	66	3	69	49	49	301
Kitsap	13	0	13	24	4	28	6	6	47
Kittitas	1	0	1	4	0	4	2	2	7
Klickitat	0	0	0	2	0	2	0	0	2
Lewis	3	0	3	0	1	1	4	4	8
Lincoln	0	0	0	2	0	2	0	0	2
Mason	0	0	0	4	0	4	8	8	12
Okanogan	3	1	4	0	0	0	0	0	4
Pacific	1	0	1	4	0	4	0	0	5
Pierce	72	3	75	35	6	41	22	22	138
San Juan	0	0	0	3	0	3	0	0	3
Skagit	5	0	5	7	0	7	4	4	16
Skamania	0	0	0	1	0	1	0	0	1
Snohomish	33	5	38	73	5	78	12	12	128
Spokane	14	4	18	13	1	14	2	2	34
Stevens	0	0	0	5	0	5	0	0	5
Thurston	6	0	6	10	2	12	1	1	19
Walla Walla	8	0	8	4	0	4	3	3	15
Whatcom	12	1	13	7	0	7	10	10	30
Whitman	10	0	10	0	0	0	2	2	12
Yakima	23	1	24	32	4	36	5	5	65
<b>Grand Total</b>	<b>454</b>	<b>24</b>	<b>478</b>	<b>340</b>	<b>30</b>	<b>370</b>	<b>153</b>	<b>153</b>	<b>1,001</b>

## Special Recognition

**Washington Fire Chiefs** for demonstrating their support toward data collection.

**Washington State Fire Service** for the dedication of their time and resource to NFIRS reporting.

### Publication and Design

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### Photography

Centralia Fire Department  
Pierce County Fire District #3, University Place  
Kent Fire Department  
Spokane Fire Department

### Data Collection

Special Thanks to the 402 fire agencies submitting NFIRS data  
Melissa Gannie, Deputy State Fire Marshal  
Karen Jones, Deputy State Fire Marshal  
Kathy Ritter, Program Support  
Robyn Knight, Program Support