

2007 Fire in Washington

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



PREVENT FIRES
IT'S YOUR JOB!



**WASHINGTON
FIRE CHIEFS**

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CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL

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April 1, 2008

Dear Fire Service Partners and Advocates:

I am pleased to present the "2007 Fire in Washington" Annual Report to each of the fire agencies that submitted information for inclusion. The National Fire Incident Reporting System (NFIRS) is a tool that can help inform and educate our communities about how many times and what types of calls our fire service professionals are responding to. With each incident report entered and submitted from the local level, you can be assured that the information provided to the state and national level is making a difference.

The statewide "Prevent Fires – It's Your Job!" fire safety campaign has been carefully crafted to target the leading causes of fire fatalities based on the information reported by fire agencies. The National Fire Protection Association, Consumer Product Safety Commission, and the Bureau of Alcohol, Tobacco and Firearms use NFIRS data to develop codes and standard, ensure products are safe for use, and ensure high-profile fires are investigated.

I commend the Washington State Fire Service for the commitment demonstrated toward accurate and timely NFIRS reporting. With the leadership of the Washington Fire Chiefs and Washington Fire Commissioners Association, we can move toward monthly reporting and encourage the departments not currently participating in the program to get involved.

Sincerely,

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

CHIEF JOHN R. BATISTE



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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April 1, 2008

Dear Partners in Fire Safety:

The "Fire in Washington" Annual Report summarizes the incident activity reported by participating fire agencies in our state to the National Fire Incident Reporting System (NFIRS). NFIRS represents a strong partnership between local, state, and national organizations working together to identify the fire problems facing our communities, states, and nation. Participation in our state has remained steady over the past three years, and with that, we can now begin to identify trends on an annual basis.

Technology has made it possible to accelerate the information exchange. In turn, decision-makers are now recognizing the need for current information. Since NFIRS is a fully automated system that collects valuable fire-related information, it is time to work toward making our statewide NFIRS information available on a monthly basis. To help achieve this goal, each fire agency can:

- Implement a monthly reporting practice by submitting data to the Office of the State Fire Marshal at nfirs@wsp.wa.gov.
- Institute a review process to ensure incidents are documented in accordance with the NFIRS standard and ensure fire investigation finds are reflected in each fire incident report. Accuracy is critical to the reliability of the NFIRS information; therefore, it may be necessary to resubmit your data when local information is modified or updated.
- Encourage neighboring jurisdictions to participate and take an active interest in the NFIRS program.

Together, we can improve this program to make our NFIRS the best in the nation. I am convinced the Washington State Fire Service is up to the challenge.

Sincerely,

A handwritten signature in black ink that reads "Michael G. Matlick".

Michael G. Matlick
State Fire Marshal





April 1, 2008

To Fire Service Leaders of Washington State:

The Washington Fire Chiefs supports the National Fire Incident Reporting System (NFIRS) and sees 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 Office of the State Fire Marshal 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 Office of the State Fire Marshal, 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", with a small "DP" monogram below it.

Chief Dan Packer, President
Washington Fire Chiefs



Preface

RCW 43.44.060 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 and report all incidents, while some agencies only report fires as stated in the statute.

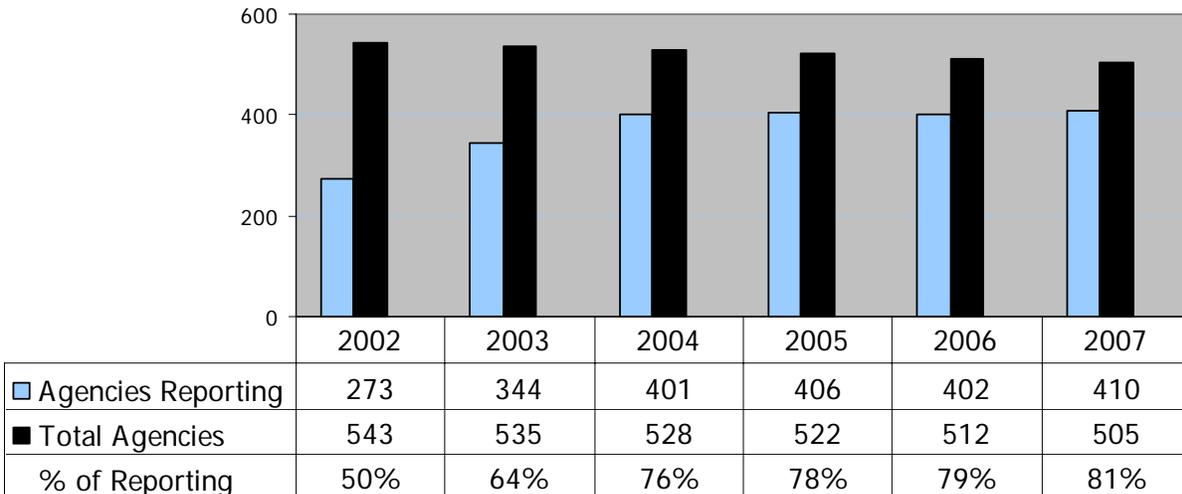
This report provides an overview of all incident categories reported, with fire information reported in 2007 as the primary focus. The statistical reports are generated from the United States Fire Administration web site based on NFIRS 5.0 data reported from the Washington State Fire Service. Figures presented may vary slightly based on the day the summary report was generated. Any data submitted after the summary reports were generated are not reflected in this publication.

Participation

RCW 43.44.060 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). 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. NFIRS 5.0 is an all-incident reporting system that enables all fire agencies to document any incident electronically in a uniform 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 2007. The chart below illustrates the number of agencies that provided data for the *Fire in Washington Annual Report*. This year's annual report includes incident information reported by 410 of the 505 fire agencies (81%), which represents an increase of 2% over the previous year.

NFIRS 5.0 Participation in Washington State

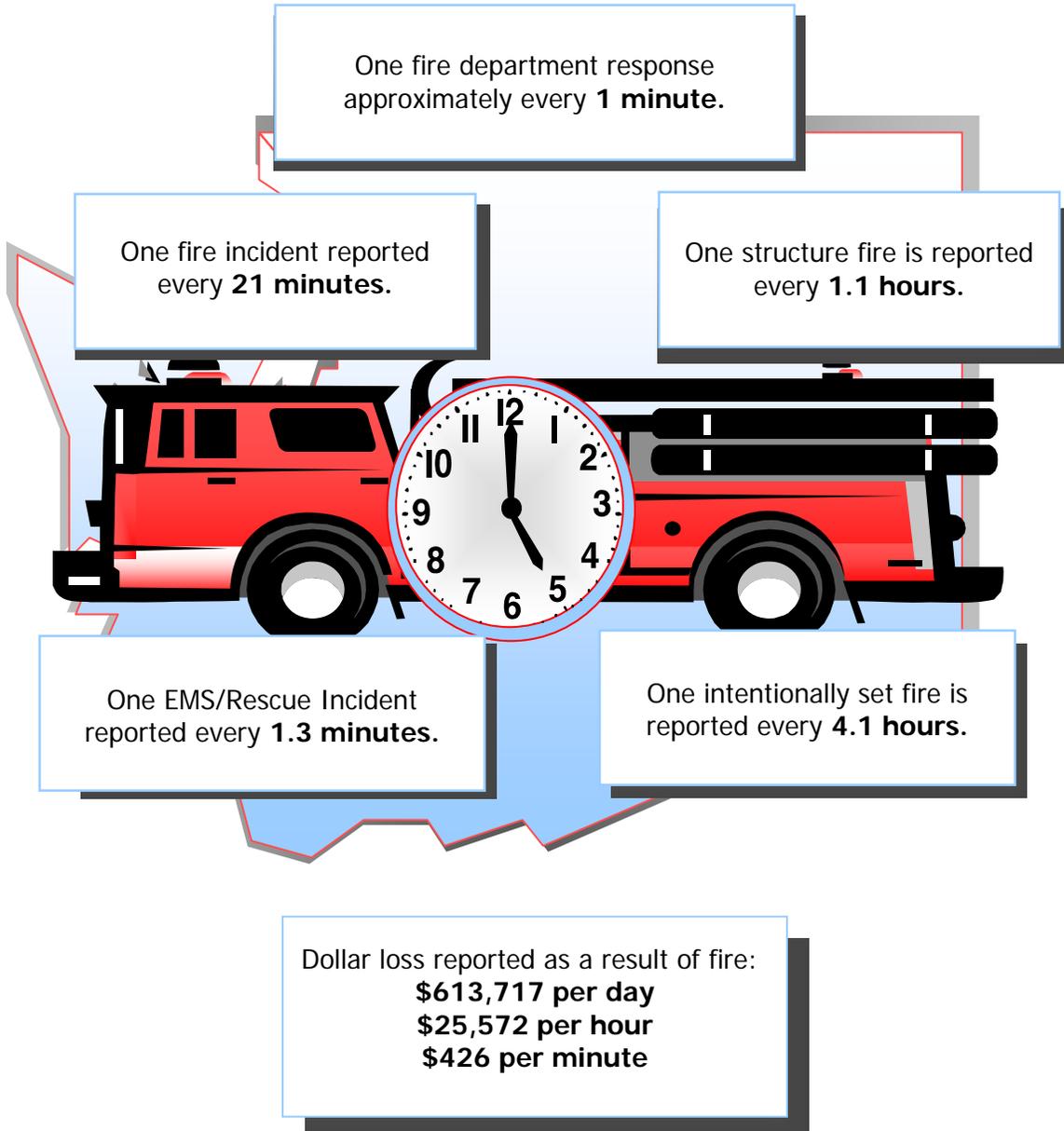


Includes agencies reporting electronically to NFIRS and those agencies that had zero incidents in 2007.

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, 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 2007
Based on NFIRS data only.



Incident Overview

The chart below provides an overview of the incidents reported in 2007 to NFIRS. This summary is not inclusive of the total incident experience, since every fire agency does not report every incident. In Washington State, only fires are required to be reported to the Office of the State Fire Marshal; therefore, some agencies only provide what is required while others report all incident activity.

Fire incidents accounted for nearly 5% of the total incidents reported in 2007. These fires are estimated to have caused more than \$224 million in property and content loss and claimed the lives of 51 people in the state of Washington. It is important to note that the dollar loss figures are based on estimates calculated by fire service personnel and do not reflect insurance settlements or actual total loss. 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.

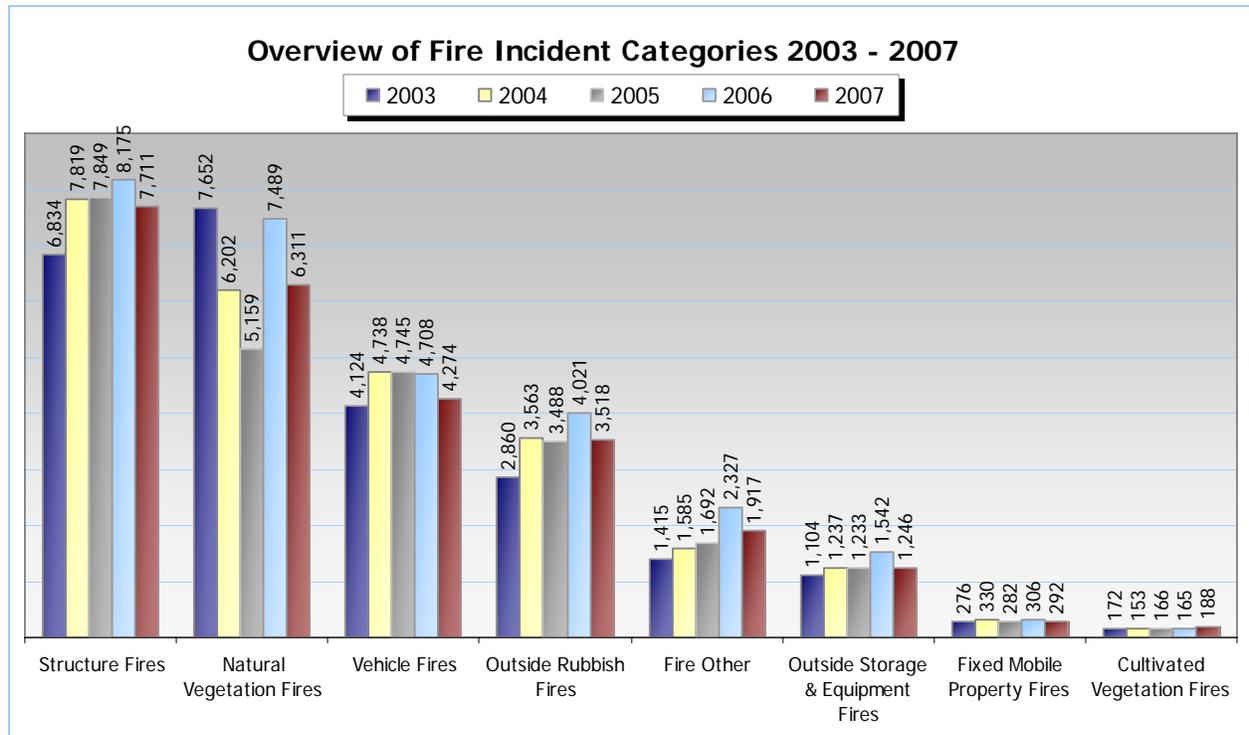
Rescue and Emergency Medical Service incidents were the leading incident type category, representing approximately 69% of the total incidents. The second leading incident type category was Good Intent Calls. This category includes cancelled en route incidents and incidents that did not require fire service assistance.

Summary of 2007 Incident Type Categories

Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Fire	25,457	4.6%	\$224,006,675	97.8%
Rescue and Emergency Medical Service	381,508	68.9%	\$1,342,735	0.6%
Overpressure Rupture, Explosion, Overheat (No Fire)	1,415	0.3%	\$1,282,896	0.6%
Hazardous Conditions (No Fire)	13,548	2.4%	\$1,036,382	0.5%
Other Types of Incidents	5,695	1.0%	\$538,554	0.2%
Service Calls	37,050	6.7%	\$356,085	0.2%
Good Intent Calls	46,015	8.3%	\$119,734	0.1%
Fire Protection System Malfunction	11,563	2.1%	\$113,107	0.0%
Severe Weather & Natural Disaster	1,083	0.2%	\$101,002	0.0%
Unintentional False Fire Protection System Activation	20,966	3.8%	\$70,715	0.0%
False Alarms & False Calls	9,514	1.7%	\$5,425	0.0%
Undetermined Incident Type	50	0.0%	\$0	0.0%
Grand Total	553,864	100.0%	\$228,973,310	100.0%

Fire History

In 2007, fire agencies reported 25,457 fire incidents with associated dollar loss to property and contents of \$224 million. This represents a decrease of 11% in number of occurrences, but an increase of 5% in the amount of dollar loss. Per capita, there were approximately 3.9 fires per thousand population in 2007 as compared to 4.5 in 2006. These figures may be affected by fire agencies that did not provide incident data for inclusion in this annual report, but had reported in previous years.



Over the past five years, **Structure Fires** accounted for 29% of all fires reported, 84% of dollar loss to buildings and contents as estimated by fire service personnel, and 76% of fire fatalities. Statewide, structure fires average approximately 1.2 per thousand population. Included in this incident type category are fires in buildings or other types of structures and fires that do not extend beyond a non-combustible container such as food on the stove, chimneys or flues, boilers, trash receptacles, or commercial compactors.

Natural Vegetation Fires account for 25% of fires reported over the past five years. Fires in wildlands, forests, grass, or brush can grow quickly, resulting in large fires that can take a great amount of time and resources to extinguish. Fireworks, cigarettes, and other hot or smoldering objects are the leading causes.

Vehicle Fire incidents involving passenger vehicles, trains, mobile recreational vehicles, planes, and off-road vehicles account for nearly 18% of all fires reported over the past five years, causing more than \$80.4 million in loss.

Fire History (Continued)

Outside Rubbish Fires include the burning of trash or waste in or out of trash receptacles or compactors and in landfills. Over the past five years, approximately 73% of fires in this category were the burning of trash that was not in a container or receptacle.

The **Fire Other** category does not provide specific information about the type of fire and omits fields of information that would otherwise provide insight into the fire problem. In the 2008 NFIRS specification cycle issued by the United States Fire Administration, **Fire Other** will require fire service personnel to provide additional information as to the situation found.

Outside Storage & Equipment Fires include mailboxes, gas or vapor combustion explosions without sustained fire, and other special outside situations. These fires accounted for 5% of the five-year total.

Fixed Mobile Property Fires include mobile homes, recreational vehicles or trailers used as a residence, and other portable buildings used in a fixed location. While the number of fire incidents is low relative to other fire categories, it is important to note nearly 6% of the fire fatalities reported over the past five years occurred in recreational-type properties.

Cultivated Vegetation Fires include grain, crops, orchards, vineyards, trees or nurseries, and other cultivated vegetations. These fires can have devastating financial impact on the property owner and our economy. It is often difficult to estimate the market value of the burnt vegetation because it had yet to be harvested.

2003 – 2007 Fire Incident Type Categories

Fire Incident Type Category	2003		2004		2005		2006		2007		5-Year Total	
	# of Incidents	\$ Loss in Millions	# of Incidents	\$ Loss in Millions	# of Incidents	\$ Loss in Millions	# of Incidents	\$ Loss in Millions	# of Incidents	\$ Loss in Millions	# of Incidents	\$ Loss in Millions
Structure Fires (Includes confined fires)	6,834	\$92.1	7,819	\$116.0	7,849	\$126.0	8,175	\$190.3	7,711	\$178.2	38,388	\$702.6
Natural Vegetation Fires	7,652	\$14.1	6,202	\$1.7	5,159	\$1.2	7,489	\$1.3	6,311	\$2.1	32,813	\$20.3
Vehicle Fires (Mobile Properties)	4,124	\$7.3	4,738	\$10.7	4,745	\$11.4	4,708	\$14.8	4,274	\$36.1	22,589	\$80.4
Outside Rubbish Fires	2,860	\$0.1	3,563	\$0.1	3,488	\$0.1	4,021	\$0.4	3,518	\$0.4	17,450	\$1.1
Fire Other	1,415	\$1.3	1,585	\$0.9	1,692	\$1.1	2,327	\$0.7	1,917	\$0.7	8,936	\$4.8
Outside Storage & Equipment Fires	1,104	\$2.1	1,237	\$0.3	1,233	\$1.7	1,542	\$1.5	1,246	\$2.5	6,362	\$8.1
Fixed Mobile Property Fires	276	\$2.5	330	\$1.9	282	\$2.2	306	\$3.1	292	\$3.1	1,486	\$12.8
Cultivated Vegetation Fires	172	\$0.3	153	\$0.4	166	\$0.5	165	\$0.4	188	\$0.9	844	\$2.6
Grand Total	24,437	\$120	25,627	\$132.1	24,614	\$144.2	28,733	\$212.5	25,457	\$224.0	128,868	\$832.7

Sorted by total incidents. Dollar loss rounded to millions and is based on figures reported by fire service personnel.

Fires by Heat Sources

The table below provides a five-year overview of the information documented in the Fire Module only. Fires confined to a non-combustible container or classified as **Fire, Other** are not required to complete the Fire Module. Therefore, the majority are not included in the summary below. NFIRS also provides a Wildland Module with an optional Heat Sources field that has not been included in this analysis.

Undetermined heat source was reported in 35% of the fire incidents in 2007, with an associated dollar loss estimated over \$80 million. Undetermined is used when the heat source cannot be identified and, in some cases, the fire investigation findings do not get reported to NFIRS. Averaging at 34% over the past five years, Undetermined does not provide definitive causal information. In an effort to increase the accuracy of NFIRS information, fire agencies are encouraged to resubmit incident data to the state when the heat source status changes or is updated based on the investigation findings.

Operating Equipment remains the leading known heat source. Between 2003 and 2007, this category accounted for 28% of the total fire incidents and 26% of the reported dollar loss. 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.

Hot or Smoldering Objects are the second leading known heat source category. This includes molten or hot materials, hot embers or ash, heat from friction, and other hot or smoldering objects.

Smoking Materials are the third leading known heat source category, but is the leading reported cause of fire fatalities (supplemental reporting used for Fire Fatality data).

2003 – 2007 Heat Source Categories

Heat Source Category	2003	2004	2005	2006	2007	5-Year Total	5-Year Total Property and Content Loss
Undetermined	4,407	4,663	4,818	5,341	5,261	24,490	\$334,186,019
Operating Equipment	3,507	4,113	4,143	4,213	4,129	20,105	\$211,356,891
Hot or Smoldering Object	1,419	1,698	1,579	1,997	1,785	8,478	\$74,283,120
Smoking Materials	774	951	890	1,196	891	4,702	\$39,715,967
Explosives and Fireworks	582	584	434	587	550	2,737	\$36,109,751
Heat Source Other	561	601	596	674	678	3,110	\$27,042,404
Candles	153	219	209	181	165	927	\$23,262,599
Heat Spread from Another Fire	5	2	16	160	240	423	\$15,584,654
Matches and Lighters	544	671	723	785	712	3,435	\$15,555,420
Chemical or Natural	178	204	163	247	220	1,012	\$15,037,319
Flares, Fuses and Torches	91	155	165	184	178	773	\$5,737,674
Multiple Heat Sources	58	86	80	74	65	363	\$3,995,031
Backfire from Engine	89	82	82	79	61	393	\$1,362,530
Grand Total	12,368	14,029	13,898	15,718	14,935	70,948	\$803,229,379

Sorted by dollar loss. Includes heat source reported through the Fire Module.

Area of Origin

Area of origin identifies the primary location where a fire started within a property. The area of origin may be a room, a portion of a room, a vehicle, a portion of a vehicle, or an open area devoted to a specific use. While every fire has an area of origin, the NFIRS program does not require the specific location to be documented in every case. The area of origin is not required to be documented for fires that do not spread beyond a non-combustible container or vessel, or fires documented through the optional Wildland Module. The table below provides a five-year overview of the areas of origin reported for all fires. Property use was not taken into consideration in this analysis.

The leading areas of origin reported between 2003 and 2007 are those fires starting in **Outside Areas** (30%) or in **Vehicle Areas** (27%). **Common/Functional Areas** (23%) resulted in the greatest amount of dollar loss to property and contents. These areas include bedrooms, dining or eating areas, kitchens, bathrooms, laundry rooms, office spaces, and other functional places. **Structural Areas** (19%) was the second leading area for the greatest amount of dollar loss. This includes areas such as crawl spaces, balconies or enclosed porches, attics, wall assemblies and surfaces, roof surfaces, and awnings.

2003 – 2007 Area of Origin Categories

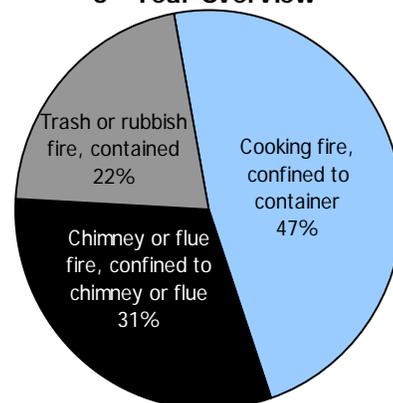
Area of Origin Category	2003	2004	2005	2006	2007	5-Year Total	% of 5-Year Total	5-Year Total Property and Content Loss Reported	5-Year % of Dollar Loss
Common/Functional Areas	1,659	1,991	1,907	2,119	2,249	9,925	14.0%	\$187,002,691	23.3%
Structural Areas	818	917	961	1,104	1,014	4,814	6.8%	\$155,802,756	19.4%
Storage Areas	543	651	699	692	675	3,260	4.6%	\$112,467,626	14.0%
Undetermined	1,045	1,173	1,218	1,301	1,226	5,963	8.4%	\$100,379,872	12.5%
Outside Areas	3,675	3,973	3,740	5,078	4,562	21,028	29.6%	\$59,772,710	7.4%
Vehicle Areas	3,526	4,079	4,085	4,042	3,687	19,419	27.4%	\$55,190,013	6.9%
Areas for Groups of People (Assembly)	246	269	288	272	312	1,387	2.0%	\$51,413,349	6.4%
Service or Equipment Areas	397	414	403	409	440	2,063	2.9%	\$45,380,943	5.6%
Exit/Exit Access/Exit Discharge Areas	136	200	177	172	206	891	1.3%	\$19,091,218	2.4%
Other Areas of Origin	291	306	372	491	514	1,974	2.8%	\$8,429,391	1.0%
Technical Processing Areas	32	52	44	38	49	215	0.3%	\$8,297,760	1.0%
Grand Total	12,368	14,025	13,894	15,718	14,934	70,939	100.0%	\$803,228,329	100.0%

Sorted by dollar loss.

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

Other confined fires not reflected in the chart represent less than 1% of the five-year total.

Fires Confined to a Non-combustible Container
5 - Year Overview

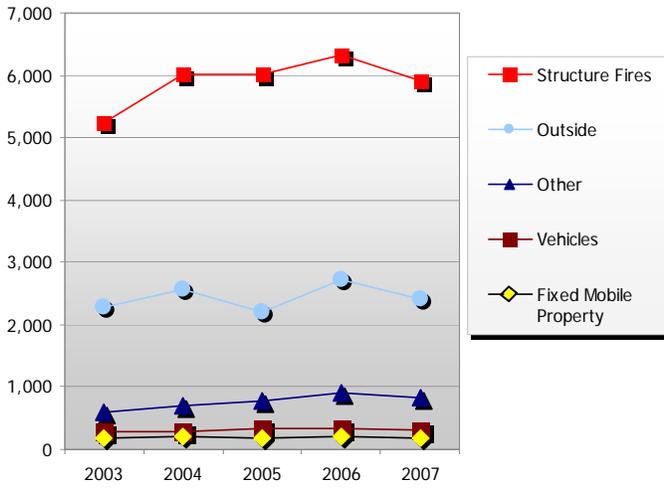


Fires at Residential Properties

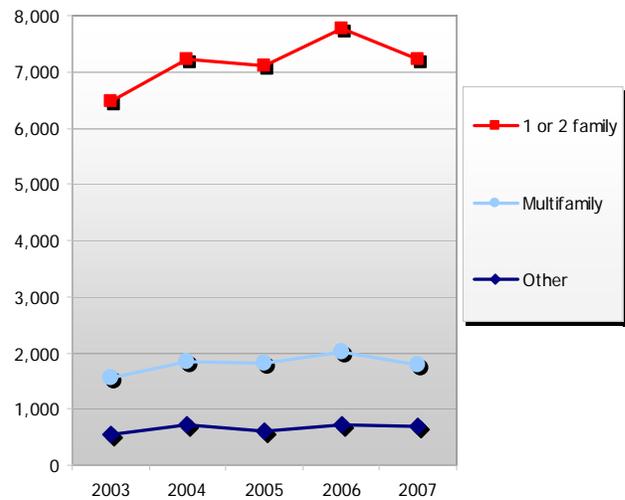
Fires at residential properties are a significant problem in terms of their impact on lives and property. Over the past five years 73% of the fire fatalities in Washington State occurred in residential properties to include places such as one- and two-family dwellings, multi-family dwellings, board and care, hotels/motels, college housing, barracks, and dormitories. In 2007, the number of fires at residential properties decreased 7% compared to the previous year and the reported dollar loss decreased by 11%.



Types of Fires at Residential Properties 2003 - 2007



Residential Property Types for All Fires 2003 - 2007



Number of Fires and Dollar Loss by Residential Type						
Categories and Dollar Loss	2003	2004	2005	2006	2007	5-Year Total
1 or 2 Family Dwelling	6,472	7,215	7,111	7,756	7,210	35,764
<i>Dollar Loss</i>	\$50,902,923	\$63,734,971	\$73,692,981	\$96,465,139	\$97,185,228	\$381,981,242
Multi-Family Dwellings	1,556	1,843	1,802	2,016	1,771	8,988
<i>Dollar Loss</i>	\$8,900,033	\$13,504,034	\$20,604,347	\$23,357,790	\$19,600,852	\$85,967,056
Other Residential	555	712	607	721	685	3,280
<i>Dollar Loss</i>	\$6,409,344	\$2,749,871	\$3,838,851	\$16,933,651	\$4,847,677	\$34,779,394
Total Incidents	8,583	9,770	9,520	10,493	9,666	48,032
Total Dollar Loss	\$66,212,300	\$79,988,876	\$98,136,179	\$136,756,580	\$121,633,757	\$502,727,692

Types of Fires						
Fire Type Categories	2003	2004	2005	2006	2007	5-Year Total
Structure Fires (including confined fires)	5,235	6,018	6,026	6,334	5,915	29,528
Outside Fires (rubbish or natural vegetation)	2,291	2,562	2,211	2,727	2,418	12,209
Fire, Other (specific information unknown)	598	695	767	907	839	3,806
Vehicle Fires (mobile properties)	288	294	344	329	304	1,559
Fixed Mobile Property Fires	171	201	172	196	190	930
Grand Total	8,583	9,770	9,520	10,493	9,666	48,032

Fire Fatalities in Residential Properties						
Total Fire Fatalities	2003	2004	2005	2006	2007	5-Year Total
	28	42	49	46	39	204

Dollar loss figures are based on estimates by fire service personnel and do not reflect insurance settlements or other related losses.

Cause of Ignition

The table below illustrates the causes of ignition reported through the Fire Module in 2007. The general causal factors that result in a heat source igniting a combustible material is an essential piece of information in guiding fire prevention efforts. Causes can be the result of an unintentional or deliberate act, mechanical failure, or act of nature.

Cause of Ignition	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	Sum of Total Loss
Unintentional	5,913	39.6%	\$75,982,579	34.5%
Cause Under Investigation	1,310	8.8%	\$60,904,748	27.7%
Intentional	2,042	13.7%	\$34,729,245	15.8%
Cause Undetermined After Investigation	2,199	14.7%	\$21,095,141	9.6%
Failure of Equipment or Heat Source	2,396	16.0%	\$19,545,825	8.9%
Cause, Other	875	5.9%	\$7,314,928	3.3%
Act of Nature	205	1.4%	\$495,893	0.2%
Grand Total	14,940	100.0%	\$220,068,359	100.0%

Intentionally Set Fires by Property Use

Intentionally set fires result in millions of dollars in property and content loss in our state. While the information provided below does not specifically indicate the number of arson fires, these incidents do show the number of times a fire was "intentionally set." **Outside or Special Properties** accounted for 41% of the intentionally set fires reported over the past five years.

Number of Incidents by Property Use Category	2003	2004	2005	2006	2007	5-Year Total	% of 5-Year Total
Outside or Special Properties	612	830	826	904	841	4,013	41.2%
Residential	405	518	496	512	490	2,421	24.8%
Undetermined	272	260	306	343	331	1,512	15.5%
Other Property Uses	69	72	64	73	68	346	3.6%
Storage	53	77	60	66	58	314	3.2%
Educational Uses	57	68	55	63	63	306	3.1%
Mercantile and Business	34	63	41	52	64	254	2.6%
Assembly	32	53	46	49	53	233	2.4%
Industrial, Utility, Defense, Agriculture, & Mining	36	45	34	38	36	189	1.9%
None	14	13	16	11	20	74	0.8%
Health Care, Detention, and Corrections	13	13	9	13	9	57	0.6%
Manufacturing and Processing	6	2	2	6	8	24	0.2%
Grand Total	1,603	2,014	1,955	2,130	2,041	9,743	100.0%

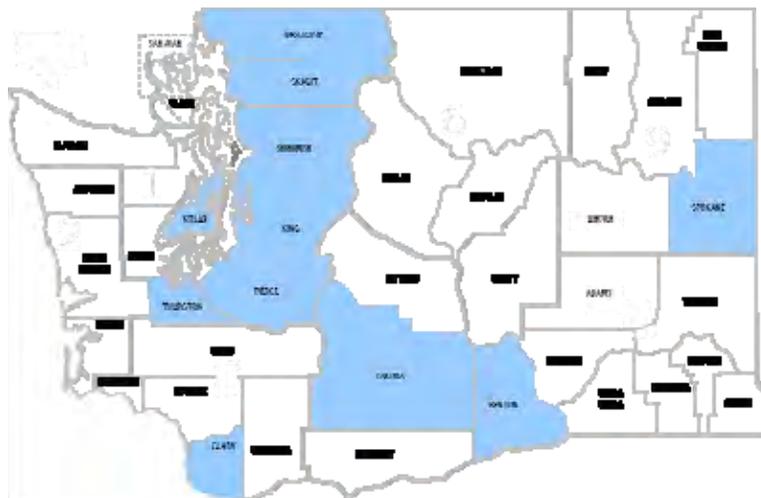
Property Use Category by Dollar Loss	2003	2004	2005	2006	2007	5-Year Total	% of 5-Year Total
Residential	\$3,673,696	\$6,912,575	\$5,374,491	\$23,430,083	\$5,244,344	\$44,635,189	48.1%
Industrial, Utility, Defense, Agriculture, & Mining	\$58,000	\$291,684	\$11,050	\$85,000	\$20,975,600	\$21,421,334	23.1%
Assembly	\$1,019,570	\$2,770,247	\$2,267,331	\$173,010	\$1,274,805	\$7,504,963	8.1%
Storage	\$158,089	\$491,461	\$464,582	\$643,326	\$4,305,893	\$6,063,351	6.5%
Mercantile and Business	\$1,574,830	\$465,078	\$1,439,210	\$933,670	\$168,600	\$4,581,388	4.9%
Outside or Special Properties	\$699,708	\$575,644	\$1,069,806	\$807,522	\$846,849	\$3,999,529	4.3%
Educational Uses	\$54,022	\$16,911	\$31,486	\$631,979	\$1,628,930	\$2,363,328	2.5%
Other Property Uses	\$301,364	\$251,915	\$179,850	\$326,990	\$184,518	\$1,244,637	1.3%
Manufacturing and Processing	\$417,670	\$300	\$0	\$0	\$100	\$418,070	0.5%
Health Care, Detention, and Corrections	\$7,920	\$27,800	\$208,500	\$130,505	\$14,870	\$389,595	0.4%
Undetermined	\$22,955	\$5,727	\$36,568	\$11,130	\$63,686	\$140,066	0.2%
None	\$2,880	\$20,000	\$35,000	\$9,000	\$21,050	\$87,930	0.1%
Grand Total	\$7,990,704	\$11,829,342	\$11,117,874	\$27,182,215	\$34,729,245	\$92,849,380	100.0%

Incidents Based on Population

In Washington State, 11 of the 39 counties have populations of over 100,000. These counties account for 83% of our state's total population and 86% of the total incidents reported to NFIRS in 2007. The table below provides a breakdown of the incident type categories based on counties with populations over and under 100,000.

	11 Counties with Populations Over 100,000		28 Counties with Populations Under 100,000		Statewide	
Estimated Population Based on Latest Available Figures for Counties from the U.S. Census	5,292,636	83%	1,103,162	17%	6,395,798	
Incident Type Category Group	Number of Incidents	% of Incidents	Number of Incidents	% of Incidents	Total Number of Incidents	% of Total
Rescue and Emergency Medical Service	331,387	59.8%	50,121	9.0%	381,508	68.9%
Good Intent Calls	39,403	7.1%	6,612	1.2%	46,015	8.3%
Service Calls	32,463	5.9%	4,587	0.8%	37,050	6.7%
Fire	18,738	3.4%	6,719	1.2%	25,457	4.6%
Unintentional False Fire Protection System Activation	18,637	3.4%	2,329	0.4%	20,966	3.8%
Hazardous Conditions (No Fire)	11,294	2.0%	2,254	0.4%	13,548	2.4%
Fire Protection System Malfunction	10,298	1.9%	1,265	0.2%	11,563	2.1%
False Alarms & False Calls	7,898	1.4%	1,616	0.3%	9,514	1.7%
Other Types of Incidents	5,138	0.9%	557	0.1%	5,695	1.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	1,237	0.2%	178	0.0%	1,415	0.3%
Severe Weather & Natural Disaster	683	0.1%	400	0.1%	1,083	0.2%
Undetermined	50	0.0%	0	0.0%	50	0.0%
Grand Total	477,226	86.2%	76,638	13.8%	553,864	100.0%
Dollar Loss as a Result of Fire	\$176,894,429	79.0%	\$47,112,246	21.0%	\$224,006,675	100.0%

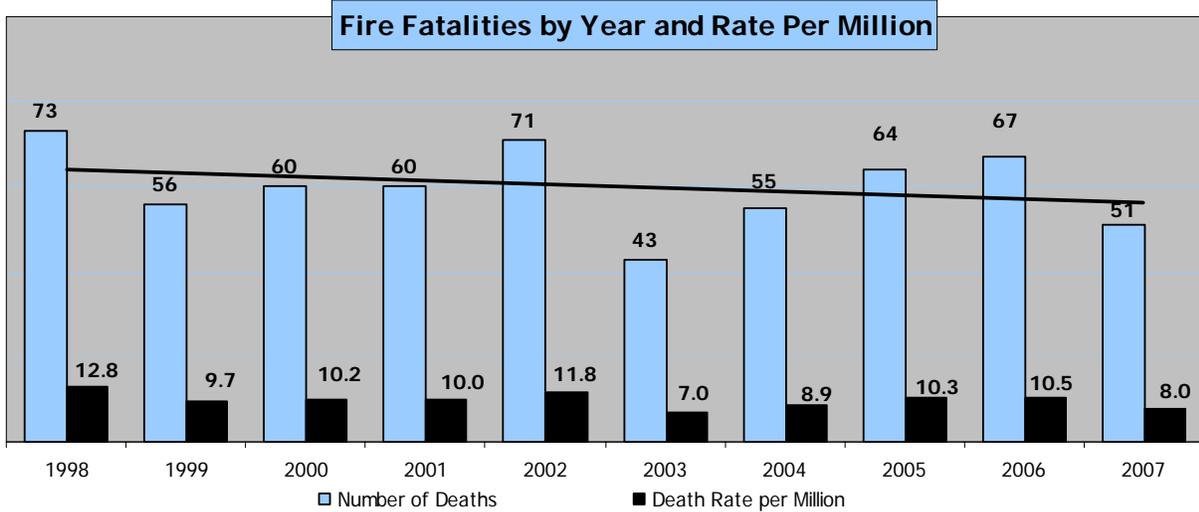
Table is sorted by dollar loss and does not include aid given incident reports.



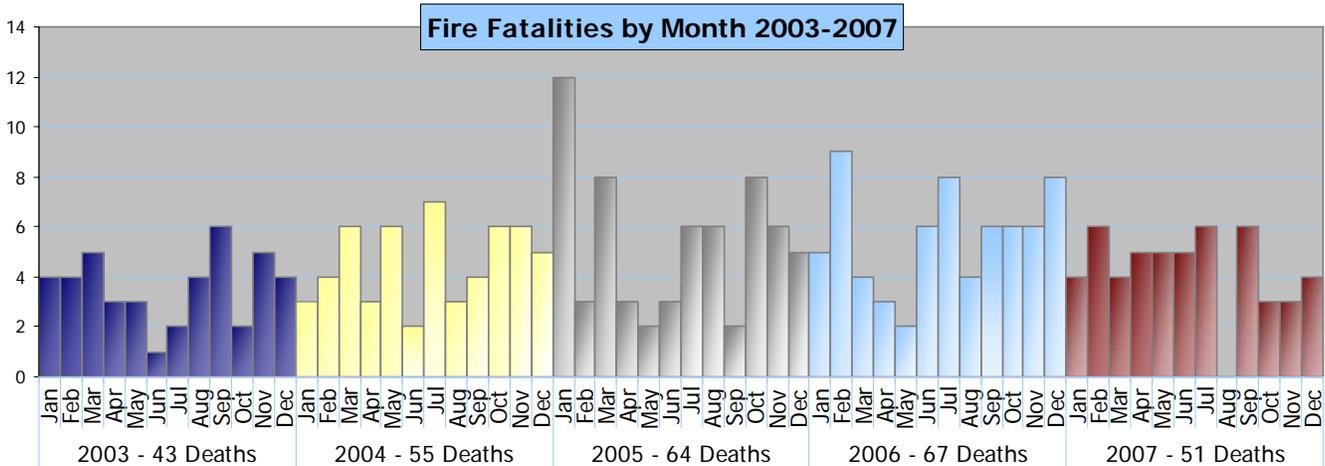
Counties with Populations Greater than 100,000

Fires Fatalities

In 2007, there were 51 fire fatalities reported to the Office of the State Fire Marshal by fire agencies across the state of Washington. This represents a 24% decrease compared to the previous year, placing Washington's fire fatality rate at 8.0 people per million population. Based on the last available national statistics (2004 data), the United States fire fatality rate is 12.4 per million population—Washington ranked 18th lowest.



Based on a five-year average, nearly 5 people die in fires each month in Washington. Rarely does a month go by when a fire fatality does not get reported. In August 2007, no fire fatalities occurred, which is a trend fire prevention experts would like to continue. Colder weather affects the occurrence of fatal fires by keeping people inside where the risk of fire is greater. As it gets warm outside, fewer fire fatalities occur. The five-year total shows July with the greatest number of deaths. A closer look at the fire causes during that month reveals 31% of the fires were intentionally set by someone or was a suicide.



Causes of Fire Fatalities Over the Past Five Years

The leading cause of fire fatalities in Washington State continues to be **Smoking**, accounting for nearly 20% of the total fire fatalities over the past five years. The majority of smoking-related fires occur in homes. Human factors increase the risk of fire occurring, such as smoking in sleeping or lounging areas; smoking while using medical oxygen; and smoking while in a mind-altered state, including the use of drugs or alcohol. When a cigarette comes in contact with flammable furnishings, beddings, or clothing, the potential of a fire starting is great.

Fires caused by **Electrical Appliances/Distribution**, on a five-year average, are the second leading cause, resulting in nearly 14% of the total. Many electrical-related fires are caused by misuse or poor maintenance of electrical appliances, improperly installed wiring, circuits being overloaded, or the use of extension cords in place of permanent wiring.

Cooking and **Home Heating Fires** each accounted for nearly 8% of the fire fatalities over the past five years. Factors that contribute to cooking-related fires include leaving cooking items unattended or wearing loose-fitting clothing that comes in contact with burners or stoves.

2003 – 2007 Fire Fatality Cause Categories

Cause Categories	2003	2004	2005	2006	2007	5-Year Total	5-Year % of Total
Smoking	9	9	14	14	9	55	19.6%
Electrical Appliance/Distribution	6	5	12	9	6	38	13.6%
Home Heating	5	3	5	5	3	21	7.5%
Cooking	2	7	5	5	2	21	7.5%
Vehicle-Related	5	1	3	7	4	20	7.1%
Intentionally Set (self-inflicted or by another person)	0	8	2	3	6	19	6.8%
Flammable Vapors Ignited	5	5	0	0	1	11	3.9%
Under Investigation	0	2	0	1	7	10	3.6%
Candle	0	2	0	5	2	9	3.2%
Combustibles too Close to Heat Source	2	1	3	1	0	7	2.5%
Child with Access to Ignition Device	0	0	2	2	0	4	1.4%
Open Flame Device	1	1	1	0	1	4	1.4%
Drug Manufacturing	0	3	0	0	0	3	1.1%
Oil Lamp	0	0	0	0	1	1	0.4%
Generator too Close to Combustibles	0	0	0	1	0	1	0.4%
Bricks on Gas Range	0	0	0	1	0	1	0.4%
Operating Equipment	0	1	0	0	0	1	0.4%
Kerosene Lantern	0	0	1	0	0	1	0.4%
Incense	0	1	0	0	0	1	0.4%
Undetermined	8	6	16	13	9	52	18.6%
Grand Total	43	55	64	67	51	280	100.0%

As reported by fire agencies.

Age and Gender

In 2007, approximately 55% of the people that died in fires were age 50 or older. The leading causes of these fires were smoking and electrical appliances or distribution. Unsafe use of smoking materials such as leaving materials unattended, smoking in bed or in lounging areas, or using unsafe ashtrays can increase risk. Faulty wiring and overloading electrical systems are risk factors that can lead to electrical fires. As people age, they may be less able to react quickly in emergency situations, they may take medications that slow their ability to make quick decisions, and they may be home alone when a fire starts.

Children are also at significant risk in fires. In 2007, nearly 6% of the people that died in fires were under the age of 10. Children may not be capable of escaping from a fire because they do not know how to react.

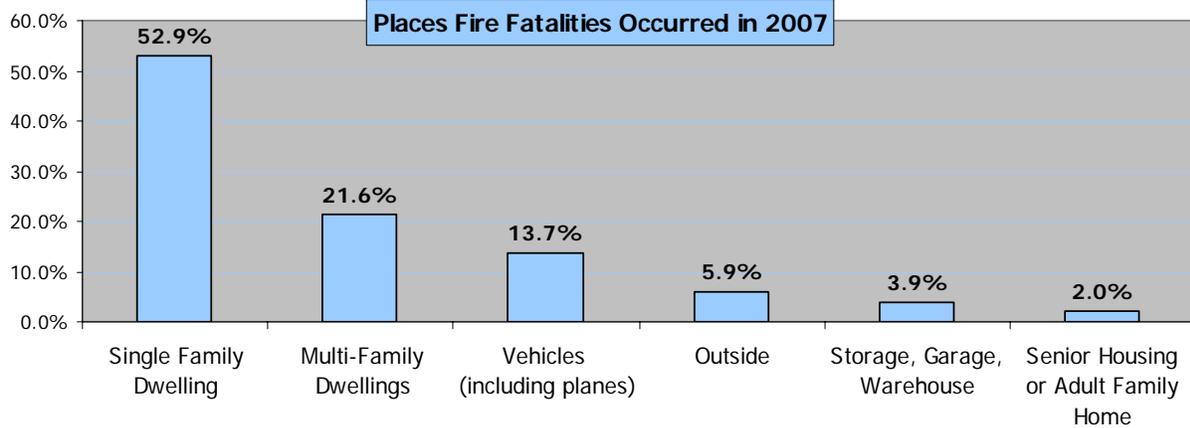
In 2007, men accounted for approximately 61% of the total reported fire fatalities. According to the United States Fire Administration, men are 1.6 times more likely to die in fires than women.

2007 Fire Fatalities by Age and Gender

Age Group	Female		Male		Grand Total	% of Total
	Total	% of Total	Total	% of Total		
10 & Under	2	3.9%	1	2.0%	3	5.9%
11 - 19	0	0.0%	1	2.0%	1	2.0%
20 - 29	3	5.9%	3	5.9%	6	11.8%
30 - 39	2	3.9%	2	3.9%	4	7.8%
40 - 49	4	7.8%	5	9.8%	9	17.6%
50 - 59	1	2.0%	8	15.7%	9	17.6%
60 - 69	3	5.9%	8	15.7%	11	21.6%
70 - 79	1	2.0%	1	2.0%	2	3.9%
80 & Older	4	7.8%	0	0.0%	4	7.8%
Unknown	0	0.0%	2	3.9%	2	3.9%
Grand Total	20	39.2%	31	60.8%	51	100.0%

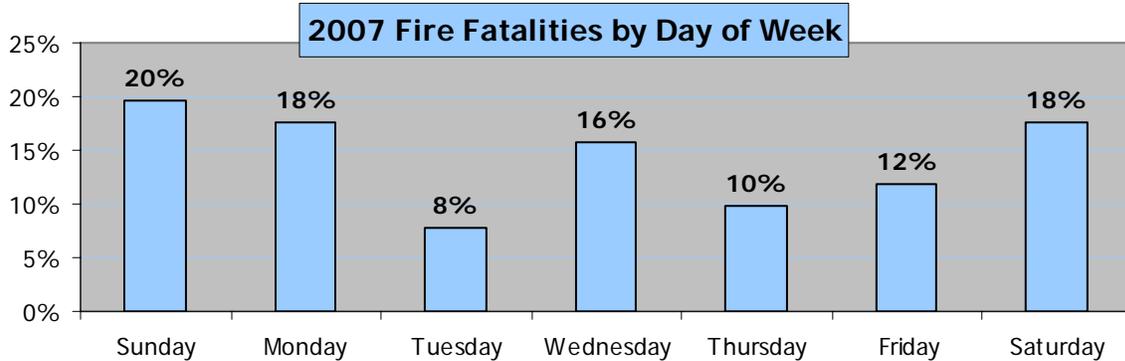
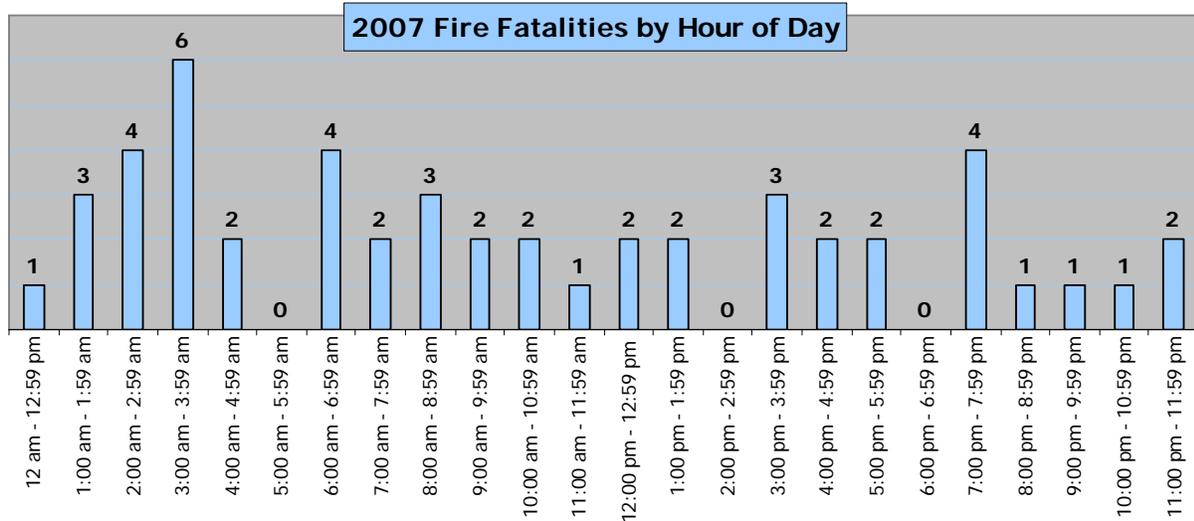
Places Fire Fatalities Occurred

Fatal fires most frequently happen in places where people live and sleep. In 2007, nearly 77% of the total fire fatalities reported occurred in single or multi-family dwellings or at a senior housing residence.



When Fire Fatalities Occurred

Deadly fires can strike any day of the week or any time of the day or night. In 2007, the majority of the fire fatalities occurred between midnight and 7 a.m.—while most people are sleeping. Weekends accounted for 38% of the fire fatalities. Most fatal incidents occurred on Sunday (20% of the total), followed by Monday and Saturday (each at 18% of the total).

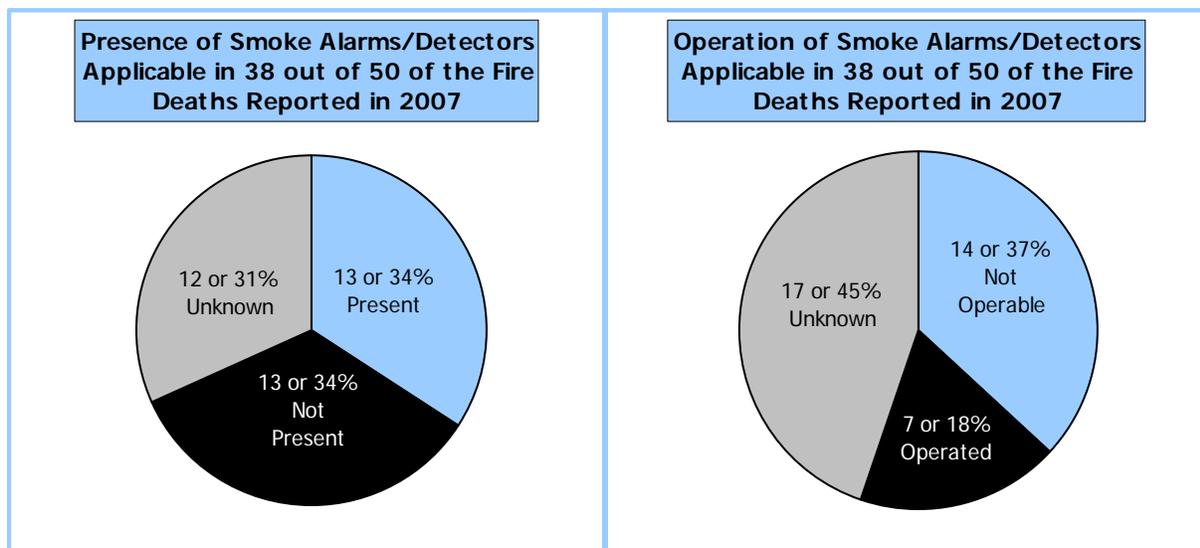


Fire Fatalities and Fire Protection Devices

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

In 2007, 13 fire deaths (25%) occurred in vehicles or in locations where no fire protection devices were installed. Of the remaining 38 fire fatalities, 82% took place in buildings lacking working smoke alarms/detectors or the operations status of the device(s) was unknown.

In the cases where the smoke alarms/detectors were reported to be present and operating, human factors—such as the person was asleep, under the influence of drugs or alcohol, or had physical or mental impairments—may have been contributors.



Fire sprinklers were not reported to be present in any of the building fires where fire fatalities occurred in 2007.

Fire Fatalities by County

The chart below provides the death rate by county per 100,000 population over the past five years. Asotin, Columbia, Garfield, Lincoln, Pend Oreille, San Juan, Skamania, and Wahkiakum counties have had no report of any fire fatalities from 2003 to 2007.

County	2003	Rate*	2004	Rate*	2005	Rate*	2006	Rate*	2007	Rate*	5-Year Total
Adams	0	0.0	0	0.0	1	5.9	1	5.9	1	5.9	3
Asotin	0	0.0	0								
Benton	1	0.7	2	1.3	1	0.6	4	2.5	2	1.3	10
Chelan	0	0.0	0	0.0	0	0.0	1	1.4	2	2.8	3
Clallam	0	0.0	1	1.5	0	0.0	0	0.0	3	4.3	4
Clark	2	0.5	2	0.5	1	0.2	1	0.2	1	0.2	7
Columbia	0	0.0	0								
Cowlitz	0	0.0	2	2.1	5	5.1	2	2.0	2	2.0	11
Douglas	1	3.0	0	0.0	0	0.0	0	0.0	0	0.0	1
Ferry	0	0.0	0	0.0	0	0.0	1	13.2	0	0.0	1
Franklin	0	0.0	0	0.0	1	1.6	1	1.5	0	0.0	2
Garfield	0	0.0	0								
Grant	0	0.0	0	0.0	0	0.0	0	0.0	3	3.6	3
Grays Harbor	3	4.3	2	2.8	3	4.2	1	1.4	0	0.0	9
Island	0	0.0	0	0.0	0	0.0	2	2.5	0	0.0	2
Jefferson	0	0.0	0	0.0	0	0.0	3	10.2	0	0.0	3
King	10	0.6	10	0.6	13	0.7	19	1.0	11	0.6	63
Kitsap	0	0.0	1	0.4	3	1.2	1	0.4	2	0.8	7
Kittitas	1	2.8	1	2.8	0	0.0	0	0.0	0	0.0	2
Klickitat	1	5.1	0	0.0	0	0.0	0	0.0	1	4.9	2
Lewis	3	4.3	0	0.0	1	1.4	0	0.0	0	0.0	4
Lincoln	0	0.0	0								
Mason	0	0.0	1	1.9	1	1.8	2	3.6	1	1.8	5
Okanogan	2	5.1	2	5.1	1	2.5	0	0.0	0	0.0	5
Pacific	1	4.7	1	4.7	1	4.6	0	0.0	1	4.6	4
Pend Oreille	0	0.0	0								
Pierce	5	0.7	13	1.7	8	1.1	9	1.2	3	0.4	38
San Juan	0	0.0	0								
Skagit	0	0.0	0	0.0	4	3.5	1	0.9	0	0.0	5
Skamania	0	0.0	0								
Snohomish	4	0.6	4	0.6	8	1.2	3	0.4	2	0.3	21
Spokane	1	0.2	7	1.6	4	0.9	3	0.7	2	0.4	17
Stevens	1	2.4	1	2.4	0	0.0	0	0.0	2	4.7	4
Thurston	4	1.8	2	0.9	0	0.0	6	2.6	3	1.3	15
Wahkiakum	0	0.0	0								
Walla Walla	0	0.0	0	0.0	2	3.5	0	0.0	2	3.5	4
Whatcom	1	0.6	0	0.0	2	1.1	2	1.1	0	0.0	5
Whitman	0	0.0	0	0.0	0	0.0	1	2.5	0	0.0	1
Yakima	2	0.9	3	1.3	4	1.7	3	1.3	7	3.0	19
Grand Total	43	0.7	55	0.9	64	1.0	67	1.0	51	0.8	280

*Population based on information available through the U.S. Census Bureau.

Region 1

Clallam, Jefferson, Kitsap, and Mason counties are part of Region 1. In 2007, 82.9% 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 Loss Reported
Fire	1,617	3.3%	\$18,989,197	98.4%
Rescue and Emergency Medical Service	34,092	69.4%	\$237,210	1.2%
Hazardous Conditions (No Fire)	1,376	2.8%	\$67,229	0.3%
Service Calls	4,720	9.6%	\$4,052	0.0%
Good Intent Calls	3,604	7.3%	\$3,009	0.0%
False Alarms & False Calls	613	1.2%	\$48	0.0%
Unintentional False Fire Protection System Activation	1,212	2.5%	\$9	0.0%
Fire Protection System Malfunction	841	1.7%	\$7	0.0%
Other Types of Incidents	696	1.4%	\$4	0.0%
Severe Weather & Natural Disaster	231	0.5%	\$2	0.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	91	0.2%	\$1	0.0%
Grand Total	49,093	100.0%	\$19,300,768	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	555	34.3%	\$17,754,751	93.5%
Vehicle Fires (Mobile Properties)	295	18.2%	\$670,316	3.5%
Fixed Mobile Property Fires	26	1.6%	\$495,034	2.6%
Outside Storage and Equipment Fires	45	2.8%	\$31,277	0.2%
Fire Other	130	8.0%	\$30,158	0.2%
Outside Rubbish Fires	162	10.0%	\$5,294	0.0%
Natural Vegetation Fires	398	24.6%	\$2,366	0.0%
Cultivated Vegetation Fires	6	0.4%	\$1	0.0%
Grand Total	1,617	100.0%	\$18,989,197	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	90	32.8%	\$12,422	52.8%
Chimney or Flue Fire, Confined to Chimney or Flue	129	47.1%	\$9,003	38.3%
Trash or Rubbish Fire, Contained	51	18.6%	\$1,300	5.5%
Fuel Burner/Boiler Malfunction, Fire Confined	4	1.5%	\$800	3.4%
Incinerator Overload or Malfunction, Fire Confined	0	0.0%	\$0	0.0%
Grand Total	274	100.0%	\$23,525	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	762	47.1%	\$10,696,343	56.3%
Industrial, Utility, Defense, Agriculture, & Mining	34	2.1%	\$5,117,201	26.9%
Mercantile and Business	65	4.0%	\$1,731,060	9.1%
Outside or Special Properties	617	38.2%	\$772,917	4.1%
Educational Uses	19	1.2%	\$280,052	1.5%
Storage	29	1.8%	\$262,401	1.4%
Health Care, Detention, and Corrections	6	0.4%	\$47,900	0.3%
Other Property Uses	33	2.0%	\$39,770	0.2%
Manufacturing and Processing	7	0.4%	\$25,500	0.1%
Assembly	26	1.6%	\$11,600	0.1%
Undetermined	9	0.6%	\$4,001	0.0%
None	10	0.6%	\$452	0.0%
Grand Total	1,617	100.0%	\$18,989,197	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common or Functional Areas	174	16.9%	\$8,208,720	43.8%
Structural Areas	71	6.9%	\$3,014,968	16.1%
Areas for Groups of People (Assembly)	38	3.7%	\$2,569,429	13.7%
Undetermined	84	8.2%	\$1,744,423	9.3%
Storage Areas	47	4.6%	\$1,290,364	6.9%
Vehicle Areas	246	23.9%	\$612,466	3.3%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	19	1.8%	\$544,786	2.9%
Other Areas of Origin	70	6.8%	\$512,506	2.7%
Service or Equipment Areas	43	4.2%	\$148,002	0.8%
Outside Areas	235	22.8%	\$98,984	0.5%
Technical Processing Areas	2	0.2%	\$500	0.0%
Grand Total	1,029	100.0%	\$18,745,148	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Hot or Smoldering Object	156	15.2%	\$6,622,536	35.3%
Undetermined	280	27.2%	\$4,894,776	26.1%
Operating Equipment	318	30.9%	\$2,898,627	15.5%
Smoking Materials	55	5.3%	\$1,759,585	9.4%
Candles	17	1.7%	\$1,231,714	6.6%
Heat Source Other	77	7.5%	\$395,707	2.1%
Flares, Fuses and Torches	13	1.3%	\$288,401	1.5%
Heat Spread from Another Fire	19	1.8%	\$282,200	1.5%
Explosives and Fireworks	28	2.7%	\$184,201	1.0%
Chemical or Natural	23	2.2%	\$96,701	0.5%
Matches and Lighters	31	3.0%	\$48,200	0.3%
Multiple Heat Sources	6	0.6%	\$26,600	0.1%
Backfire from Engine	6	0.6%	\$15,900	0.1%
Grand Total	1,029	100.0%	\$18,745,148	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 1 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Clallam	05D01	Clallam #1, Forks	0	0	0	0	\$0
	05D02	Clallam #2, Port Angeles	987	0	33	1,020	\$0
	05D03	Clallam #3, Sequim	4,768	0	13	4,781	\$478,250
	05D04	Clallam #4, Joyce	63	0	1	64	\$0
	05D05	Clallam #5, Clallam Bay/Sekiu	0	0	0	0	\$0
	05D06	Clallam #6, Quillayute Prairie	8	1	2	11	\$102,000
	05M03	Port Angeles Fire Department	3,696	0	19	3,715	\$1,015,820
	05S03	La Push Fire Department	0	0	0	0	\$0
Clallam County Total Incident Reported			9,522	1	68	9,591	\$1,596,070
Jefferson	16D01	East Jefferson Fire & Rescue	2,969	0	71	3,040	\$168,650
	16D02	Jefferson #2, Quilcene	329	0	193	522	\$199,500
	16D03	Jefferson #3, Port Ludlow	507	0	100	607	\$17,100
	16D04	Jefferson #4, Brinnon	270	0	9	279	\$392,800
	16D05	Jefferson #5, Discovery Bay	129	0	55	184	\$159,250
	16D07	Jefferson #7, Clearwater	0	0	0	0	\$0
	Jefferson County Total Incidents Reported			4,204	0	428	4,632
Kitsap	18D01	Central Kitsap Fire & Rescue	6,855	3	315	7,173	\$2,177,137
	18D02	Kitsap #2, Bainbridge Island	2,105	0	45	2,150	\$2,401,800
	18D07	South Kitsap Fire & Rescue	8,839	2	115	8,956	\$2,453,136
	18D10	Kitsap #10, North Kitsap	2,454	0	400	2,854	\$392,300
	18M01	Bremerton Fire Department	7,239	0	303	7,542	\$524,660
	18M04	Kitsap #18/City of Poulsbo	3,498	0	384	3,882	\$1,821,272
Kitsap County Total Incidents Reported			30,990	5	1,562	32,557	\$9,770,305
Mason	23D01	Mason #1, Hoodspport	168	0	33	201	\$0
	23D02	Mason #2, Belfair	381	1	47	429	\$1,060,843
	23D03	Mason #3, Grapeview	185	0	14	199	\$0
	23D04	Mason #4, Arcadia/Kamilche	853	0	47	900	\$40,700
	23D05	Mason #5, Allyn/Agate/Shelton	21	0	0	21	\$5,039,350
	23D06	Mason #6, Union	39	0	30	69	\$22,500
	23D08	Mason #8, Tahuya	0	0	0	0	\$0
	23D09	Mason #9, Skokomish Valley	250	0	88	338	\$54,700
	23D11	Mason #11, Shelton	0	0	0	0	\$0
	23D12	Mason #12, Matlock	55	0	4	59	\$8,700
	23D13	Mason #13, Elma	134	0	47	181	\$353,150
	23D16	Mason #16, Dayton	153	0	10	163	\$61,700
	23D17	Mason #17, Lilliwaup/Eldon	49	0	2	51	\$35,000
	23D18	Mason #18, Lake Cushman	13	0	0	13	\$200
	23M02	Shelton Fire Department	2,076	0	51	2,127	\$320,250
Mason County Total Incidents Reported			4,377	1	373	4,751	\$6,997,093
Region 1 Total Incidents Reported			49,093	7	2,431	51,531	\$19,300,768

Region 2

Grays Harbor, Pacific, and Thurston counties are part of Region 2. In 2007, 87.8% 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 Loss Reported
Fire	1,707	4.6%	\$8,411,485	95.5%
Hazardous Conditions (No Fire)	767	2.1%	\$343,070	3.9%
Rescue and Emergency Medical Service	26,424	71.1%	\$36,600	0.4%
Service Calls	2,371	6.4%	\$10,000	0.1%
Unintentional False Fire Protection System Activation	927	2.5%	\$3,000	0.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	43	0.1%	\$200	0.0%
Good Intent Calls	3,220	8.7%	\$0	0.0%
False Alarms & False Calls	790	2.1%	\$0	0.0%
Fire Protection System Malfunction	753	2.0%	\$0	0.0%
Other Types of Incidents	52	0.1%	\$0	0.0%
Severe Weather & Natural Disaster	106	0.3%	\$0	0.0%
Grand Total	37,160	100.0%	\$8,804,355	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	557	32.6%	\$7,495,858	89.1%
Vehicle Fires (Mobile Properties)	257	15.1%	\$786,047	9.3%
Fire Other	206	12.1%	\$91,635	1.1%
Fixed Mobile Property Fires	25	1.5%	\$26,000	0.3%
Outside Storage and Equipment Fires	43	2.5%	\$5,350	0.1%
Outside Rubbish Fires	291	17.0%	\$3,570	0.0%
Natural Vegetation Fires	327	19.2%	\$3,020	0.0%
Cultivated Vegetation Fires	1	0.1%	\$5	0.0%
Grand Total	1,707	100.0%	\$8,411,485	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Incinerator Overload or Malfunction, Fire Confined	7	2.3%	\$27,000	58.1%
Cooking Fire, Confined to Container	99	33.0%	\$14,257	30.7%
Trash or Rubbish Fire, Contained	43	14.3%	\$3,900	8.4%
Chimney or Flue Fire, Confined to Chimney or Flue	144	48.0%	\$1,300	2.8%
Fuel Burner/Boiler Malfunction, Fire Confined	6	2.0%	\$50	0.1%
Commercial Compactor Fire, Confined to Rubbish	1	0.3%	\$0	0.0%
Grand Total	300	100.0%	\$46,507	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	792	46.4%	\$4,833,147	57.5%
Mercantile and Business	67	3.9%	\$2,282,800	27.1%
Outside or Special Properties	568	33.3%	\$476,816	5.7%
Storage	28	1.6%	\$386,400	4.6%
Manufacturing and Processing	29	1.7%	\$238,700	2.8%
Assembly	40	2.3%	\$133,520	1.6%
None	46	2.7%	\$29,000	0.3%
Health Care, Detention, and Corrections	14	0.8%	\$10,500	0.1%
Educational Uses	17	1.0%	\$7,102	0.1%
Other Property Uses	46	2.7%	\$6,000	0.1%
Undetermined	35	2.1%	\$5,500	0.1%
Industrial, Utility, Defense, Agriculture, & Mining	25	1.5%	\$2,000	0.0%
Grand Total	1,707	100.0%	\$8,411,485	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Storage Areas	50	5.7%	\$2,665,600	32.2%
Common or Functional Areas	152	17.4%	\$1,459,717	17.6%
Undetermined	95	10.9%	\$1,160,201	14.0%
Structural Areas	68	7.8%	\$1,020,089	12.3%
Vehicle Areas	225	25.7%	\$778,146	9.4%
Areas for Groups of People (Assembly)	24	2.7%	\$465,302	5.6%
Service or Equipment Areas	54	6.2%	\$440,100	5.3%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	9	1.0%	\$214,950	2.6%
Other Areas of Origin	32	3.7%	\$63,150	0.8%
Outside Areas	165	18.9%	\$8,000	0.1%
Technical Processing Areas	1	0.1%	\$0	0.0%
Grand Total	875	100.0%	\$8,275,255	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	317	36.2%	\$5,362,562	64.8%
Operating Equipment	246	28.1%	\$1,469,873	17.8%
Hot or Smoldering Object	127	14.5%	\$756,050	9.1%
Candles	12	1.4%	\$273,050	3.3%
Heat Source Other	36	4.1%	\$122,740	1.5%
Matches and Lighters	29	3.3%	\$116,260	1.4%
Smoking Materials	41	4.7%	\$99,600	1.2%
Chemical or Natural	6	0.7%	\$45,000	0.5%
Heat Spread from Another Fire	13	1.5%	\$12,250	0.1%
Multiple Heat Sources	4	0.5%	\$7,200	0.1%
Backfire from Engine	3	0.3%	\$5,500	0.1%
Flares, Fuses and Torches	18	2.1%	\$5,000	0.1%
Explosives and Fireworks	23	2.6%	\$170	0.0%
Grand Total	875	100.0%	\$8,275,255	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 2 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss
Grays Harbor	14D01	Grays Harbor #1, Oakville	66	0	11	77	\$0
	14D02	Grays Harbor #2, Central Park	708	0	46	754	\$110,965
	14D04	Grays Harbor #4, Amanda Park	13	0	1	14	\$20,500
	14D05	Grays Harbor #5, Elma/Satsop	227	0	11	238	\$280,000
	14D06	Grays Harbor #6, North Hoquiam	0	0	0	0	\$0
	14D07	Grays Harbor #7, Copalis Beach	28	0	241	269	\$0
	14D08	Grays Harbor #8, Pacific Beach	0	0	0	0	\$0
	14D10	Grays Harbor #10, Wishkah	28	0	3	31	\$36,300
	14D11	Grays Harbor #11, Grayland	28	0	12	40	\$0
	14D12	Grays Harbor #12, McCleary	76	0	0	76	\$344,500
	14D14	Grays Harbor #14, Ocosta	112	0	23	135	\$0
	14D15	Grays Harbor #15, Cosmopolis	0	0	0	0	\$0
	14D16	Grays Harbor #16, Copalis Crossing	0	0	0	0	\$0
	14D17	Grays Harbor #17, Humptulip	13	0	0	13	\$84,000
	14M01	Aberdeen Fire Department	439	1	19	459	\$2,939,550
	14M02	Cosmopolis Fire Department	6	0	1	7	\$55,000
	14M03	Elma Fire Department	69	0	11	80	\$12,000
	14M04	Hoquiam Fire Department	211	0	42	253	\$119,000
	14M05	McCleary Fire Department	31	0	73	104	\$0
14M06	Montesano Fire Department	1,161	0	32	1,193	\$4,850	
14M08	Ocean Shores Fire Department	435	0	28	463	\$269,350	
14M09	Westport Fire Department	380	0	143	523	\$277,000	
Grays Harbor County Total Incidents Reported			4,031	1	697	4,729	\$4,553,015
Pacific	25D01	Pacific #1, Ocean Park	1,705	0	53	1,758	\$174,950
	25D02	Pacific #2, Chinook Valley	0	0	0	0	\$0
	25D03	Pacific #3, Willapa Valley	33	0	0	33	\$66,250
	25D04	Pacific #4, Naselle	5	0	0	5	\$195,000
	25D05	Pacific #5, North Cove/Tokeland	4	0	0	4	\$0
	25D06	Pacific #6, Bay Center	2	0	0	2	\$0
	25D07	Pacific #7, Nemah	36	0	34	70	\$540
	25M01	Ilwaco Fire Department	90	0	21	111	\$211,900
	25M02	Long Beach Fire Department	54	0	16	70	\$11,050
	25M03	Raymond Fire Department	1,504	0	0	1,504	\$177,000
25M04	South Bend Fire Department/Pacific #8	20	0	2	22	\$5,100	
Pacific County Total Incidents Reported			3,453	0	126	3,579	\$841,790
Thurston	34D01	Thurston #1, Rochester	269	0	53	322	\$0
	34D02	SE Thurston Fire & EMS	2,815	0	12	2,827	\$415,400
	34D03	Lacey Fire District 3	10,350	1	191	10,542	\$1,586,692
	34D05	Thurston #5, Black Lake	237	0	75	312	\$0
	34D06	Thurston #6, East Olympia	811	0	62	873	\$61,900
	34D07	Thurston #7, North Olympia	0	0	0	0	\$0
	34D08	Thurston #8, South Bay	516	0	131	647	\$0
	34D09	Thurston #9, McLane	913	0	330	1,243	\$30,050
	34D11	Thurston #11, Littlerock	1,163	0	215	1,378	\$156,100
	34D12	Thurston #12, Tenino	658	0	84	742	\$0
	34D13	Thurston #13, Griffin	394	0	101	495	\$0
	34D16	Thurston #16, Gibson Valley	112	0	3	115	\$0
	34D17	Thurston #17, Bald Hills	189	0	27	216	\$0
	34M01	Bucoda Fire Department	10	0	0	10	\$0
	34M02	Olympia Fire Department	8,763	0	172	8,935	\$952,003
34M04	Tumwater Fire Department	2,476	0	33	2,509	\$207,405	
Thurston County Total Incidents Reported			29,676	1	1,489	31,166	\$3,409,550
Region 2 Total Incidents Reported			37,160	2	2,312	39,474	\$8,804,355

Region 3

Island, San Juan, Skagit, and Whatcom counties are part of Region 3. In 2007, 84.3% 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 Loss Reported
Fire	1,745	4.6%	\$12,401,783	94.4%
Rescue and Emergency Medical Service	27,524	72.7%	\$585,500	4.5%
Good Intent Calls	2,738	7.2%	\$100,000	0.8%
Service Calls	1,812	4.8%	\$37,000	0.3%
Hazardous Conditions (No Fire)	1,104	2.9%	\$3,670	0.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	91	0.2%	\$2,500	0.0%
False Alarms & False Calls	613	1.6%	\$350	0.0%
Fire Protection System Malfunction	565	1.5%	\$100	0.0%
Severe Weather & Natural Disaster	167	0.4%	\$0	0.0%
Other Types of Incidents	209	0.6%	\$0	0.0%
Unintentional False Fire Protection System Activation	1,300	3.4%	\$0	0.0%
Grand Total	37,868	100.0%	\$13,130,903	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	575	33.0%	\$11,395,298	91.9%
Vehicle Fires (Mobile Properties)	234	13.4%	\$823,570	6.6%
Fixed Mobile Property Fires	31	1.8%	\$116,300	0.9%
Fire Other	190	10.9%	\$26,685	0.2%
Outside Storage and Equipment Fires	58	3.3%	\$25,950	0.2%
Outside Rubbish Fires	247	14.2%	\$6,906	0.1%
Natural Vegetation Fires	406	23.3%	\$6,574	0.1%
Cultivated Vegetation Fires	4	0.2%	\$500	0.0%
Grand Total	1,745	100.0%	\$12,401,783	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Chimney or Flue Fire, Confined to Chimney or Flue	120	39.9%	\$57,700	68.0%
Cooking Fire, Confined to Container	134	44.5%	\$14,576	17.2%
Incinerator Overload or Malfunction, Fire Confined	2	0.7%	\$10,000	11.8%
Trash or Rubbish Fire, Contained	37	12.3%	\$1,620	1.9%
Fuel Burner/Boiler Malfunction, Fire Confined	8	2.7%	\$1,000	1.2%
Grand Total	301	100.0%	\$84,896	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Mercantile and Business	56	3.2%	\$5,182,290	41.8%
Residential	774	44.4%	\$3,587,821	28.9%
Assembly	47	2.7%	\$1,168,275	9.4%
Industrial, Utility, Defense, Agriculture, & Mining	39	2.2%	\$813,100	6.6%
Outside or Special Properties	702	40.2%	\$441,978	3.6%
Storage	32	1.8%	\$397,500	3.2%
Educational Uses	16	0.9%	\$372,807	3.0%
None	8	0.5%	\$300,000	2.4%
Other Property Uses	22	1.3%	\$76,500	0.6%
Manufacturing and Processing	11	0.6%	\$53,000	0.4%
Health Care, Detention, and Corrections	20	1.1%	\$7,512	0.1%
Undetermined	18	1.0%	\$1,000	0.0%
Grand Total	1,745	100.0%	\$12,401,783	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Storage Areas	36	4.2%	\$5,583,400	45.4%
Structural Areas	82	9.5%	\$2,161,650	17.6%
Areas for Groups of People (Assembly)	21	2.4%	\$1,133,000	9.2%
Common or Functional Areas	131	15.3%	\$1,097,082	8.9%
Undetermined	139	16.2%	\$1,009,700	8.2%
Vehicle Areas	188	21.9%	\$812,870	6.6%
Service or Equipment Areas	35	4.1%	\$179,625	1.5%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	19	2.2%	\$163,400	1.3%
Outside Areas	160	18.6%	\$138,350	1.1%
Other Areas of Origin	47	5.5%	\$27,630	0.2%
Technical Processing Areas	1	0.1%	\$500	0.0%
Grand Total	859	100.0%	\$12,307,207	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	311	36.2%	\$2,964,675	24.1%
Operating Equipment	232	27.0%	\$3,325,432	27.0%
Hot or Smoldering Object	114	13.3%	\$332,130	2.7%
Heat Source Other	47	5.5%	\$5,016,570	40.8%
Smoking Materials	39	4.5%	\$363,750	3.0%
Candles	5	0.6%	\$46,000	0.4%
Heat Spread from Another Fire	23	2.7%	\$114,000	0.9%
Chemical or Natural	12	1.4%	\$2,250	0.0%
Matches and Lighters	31	3.6%	\$118,900	1.0%
Explosives and Fireworks	26	3.0%	\$16,500	0.1%
Flares, Fuses and Torches	13	1.5%	\$0	0.0%
Multiple Heat Sources	2	0.2%	\$5,000	0.0%
Backfire from Engine	4	0.5%	\$2,000	0.0%
Grand Total	859	100.0%	\$12,307,207	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 3 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Island	15D01	Island #1, Camano Island	2,473	0	70	2,543	\$10,000
	15D02	Island #2, North Whidbey	1,339	0	194	1,533	\$113,000
	15D03	Island #3, South Whidbey	1,848	0	9	1,857	\$5,500
	15D05	Island #5, Central Whidbey	954	0	17	971	\$550,630
	15M04	Oak Harbor Fire Department	809	0	583	1,392	\$34,110
Island County Total Incidents Reported			7,423	0	873	8,296	\$713,240
San Juan	28D02	San Juan #2, Orcas Island	617	0	0	617	\$4,400
	28D03	San Juan #3, San Juan Island	158	0	31	189	\$0
	28D04	San Juan #4, Lopez Island	60	0	0	60	\$0
	28D05	San Juan #5, Shaw Island	5	0	0	5	\$0
	28M01	Friday Harbor Fire Department	95	0	12	107	\$403,400
San Juan County Total Incidents Reported			935	0	43	978	\$407,800
Skagit	29D02	Skagit #2, McLean Road	255	0	22	277	\$329,070
	29D03	Skagit #3, Conway/Cederdale	316	0	16	332	\$0
	29D04	Skagit #4, Clear Lake	18	0	6	24	\$0
	29D05	Skagit #5, Bow/Edison	160	0	0	160	\$0
	29D07	Skagit #7, Lake Cavanaugh	0	0	0	0	\$0
	29D08	Skagit #8, Sedro-Woolley	136	0	5	141	\$0
	29D09	Skagit #9, Big Lake	86	0	19	105	\$5,000
	29D10	Skagit #10, Concrete	85	0	7	92	\$0
	29D11	Skagit #11, Mount Erie	202	0	24	226	\$2,000
	29D12	Skagit #12, Bay View	2	0	1	3	\$0
	29D13	Skagit #13, Hope Island/Summit Park	550	0	63	613	\$250,000
	29D14	Skagit #14, Alger	67	0	0	67	\$0
	29D15	Skagit #15, Lake McMurray	0	0	0	0	\$0
	29D16	Skagit # 16, Day Creek	0	0	0	0	\$0
	29D17	Skagit #17, Guemes Island	18	0	0	18	\$0
	29D19	Skagit #19, Rockport/Marblemount	0	0	0	0	\$0
	29M01	Anacortes Fire Department	372	1	4	377	\$5,533,400
	29M02	Burlington Fire Department	1,746	0	32	1,778	\$21,300
	29M03	Concrete Fire Department	52	0	0	52	\$0
	29M04	Hamilton Fire Department	0	0	0	0	\$0
29M05	La Conner Fire Department	0	0	0	0	\$0	
29M07	Mount Vernon Fire Department	2,066	0	14	2,080	\$1,046,860	
29M09	Sedro-Woolley Fire Department	1,716	0	10	1,726	\$161,050	
Skagit County Total Incidents Reported			7,847	1	223	8,071	\$7,348,680
Whatcom	37D01	Whatcom #1, Everson/Deming/Nooksack	0	0	0	0	\$0
	37D02	Whatcom #2, Sudden Valley	372	0	180	552	\$2,000
	37D04	Whatcom #4, Bellingham	524	0	39	563	\$0
	37D05	Whatcom #5, Point Roberts	112	0	0	112	\$0
	37D06	Whatcom #6, Chuckanut Drive	32	0	8	40	\$0
	37D07	Whatcom #7, Ferndale	1,689	0	75	1,764	\$412,270
	37D08	Whatcom #8, Marietta	919	0	25	944	\$2,000
	37D09	Whatcom #9, Lake Samish	96	0	40	136	\$5,500
	37D10	Whatcom #10, Bellingham	132	0	4	136	\$0
	37D11	Whatcom #11, Lummi Island	49	0	0	49	\$10,000
	37D14	Whatcom #14, Sumas	703	0	10	713	\$585,800
	37D16	Whatcom #16, Acme/Van Zandt	22	0	1	23	\$0
	37D17	Whatcom #17, Sandy Point	73	0	1	74	\$14,500
	37D18	Whatcom #18, South Lake Whatcom	15	0	6	21	\$56,000
	37D19	Whatcom #19, Glacier	0	0	0	0	\$0
	37D21	Whatcom #21, North Whatcom Fire & Rescue	2,119	0	41	2,160	\$814,305
	37M01	Bellingham Fire Dept	13,886	1	12	13,899	\$1,972,558
37M07	Lynden Fire Dept	920	0	14	934	\$786,250	
Whatcom County Total Incidents Reported			21,663	1	456	22,120	\$4,661,183
Region 3 Total Incidents Reported			37,868	2	1,595	39,465	\$13,130,903

Region 4

King, Pierce, and Snohomish counties are part of Region 4. In 2007, 94.3% 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 Loss Reported
Fire	10,378	3.7%	\$91,378,518	98.1%
Overpressure Rupture, Explosion, Overheat (No Fire)	856	0.3%	\$1,198,630	1.3%
Service Calls	20,745	7.3%	\$221,683	0.2%
Hazardous Conditions (No Fire)	6,848	2.4%	\$100,138	0.1%
Severe Weather & Natural Disaster	350	0.1%	\$100,000	0.1%
Other Types of Incidents	2,245	0.8%	\$36,050	0.0%
Unintentional False Fire Protection System Activation	13,275	4.7%	\$33,506	0.0%
Rescue and Emergency Medical Service	193,744	68.3%	\$31,461	0.0%
Fire Protection System Malfunction	6,694	2.4%	\$10,000	0.0%
False Alarms & False Calls	5,157	1.8%	\$5,000	0.0%
Good Intent Calls	23,334	8.2%	\$4,175	0.0%
Undetermined Incident Type	50	0.0%	\$0	0.0%
Grand Total	283,676	100.0%	\$93,119,161	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	3,468	33.4%	\$80,456,540	88.0%
Vehicle Fires (Mobile Properties)	1,953	18.8%	\$8,883,776	9.7%
Fixed Mobile Property Fires	112	1.1%	\$1,012,225	1.1%
Outside Storage and Equipment Fires	760	7.3%	\$515,887	0.6%
Outside Rubbish Fires	1,517	14.6%	\$237,001	0.3%
Fire Other	529	5.1%	\$221,992	0.2%
Natural Vegetation Fires	2,001	19.3%	\$50,882	0.1%
Cultivated Vegetation Fires	38	0.4%	\$215	0.0%
Grand Total	10,378	100.0%	\$91,378,518	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	897	57.3%	\$160,516	58.9%
Chimney or Flue Fire, Confined to Chimney or Flue	311	19.9%	\$34,552	12.7%
Trash or Rubbish Fire, Contained	313	20.0%	\$30,394	11.2%
Fuel Burner/Boiler Malfunction, Fire Confined	28	1.8%	\$26,160	9.6%
Commercial Compactor Fire, Confined to Rubbish	7	0.4%	\$20,000	7.3%
Incinerator Overload or Malfunction, Fire Confined	9	0.6%	\$700	0.3%
Grand Total	1,565	100.0%	\$272,322	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	3,970	38.3%	\$59,850,565	65.5%
Mercantile and Business	426	4.1%	\$10,880,356	11.9%
Outside or Special Properties	3,945	38.0%	\$7,464,467	8.2%
Assembly	260	2.5%	\$4,369,365	4.8%
Storage	207	2.0%	\$3,514,418	3.8%
Educational Uses	216	2.1%	\$2,495,929	2.7%
Manufacturing and Processing	109	1.1%	\$1,346,369	1.5%
Other Property Uses	326	3.1%	\$856,866	0.9%
Undetermined	722	7.0%	\$312,791	0.3%
Industrial, Utility, Defense, Agriculture, & Mining	73	0.7%	\$151,200	0.2%
Health Care, Detention, and Corrections	87	0.8%	\$114,842	0.1%
None	36	0.3%	\$21,350	0.0%
Grand Total	10,377	100.0%	\$91,378,518	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common or Functional Areas	1,118	18.2%	\$23,265,140	25.6%
Structural Areas	379	6.2%	\$20,568,905	22.6%
Areas for Groups of People (Assembly)	127	2.1%	\$10,854,540	11.9%
Storage Areas	245	4.0%	\$10,796,818	11.9%
Vehicle Areas	1,723	28.0%	\$7,208,251	7.9%
Undetermined	331	5.4%	\$7,099,700	7.8%
Service or Equipment Areas	171	2.8%	\$3,759,423	4.1%
Outside Areas	1,762	28.7%	\$3,261,372	3.6%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	94	1.5%	\$1,689,249	1.9%
Other Areas of Origin	168	2.7%	\$1,675,125	1.8%
Technical Processing Areas	30	0.5%	\$696,448	0.8%
Grand Total	6,148	100.0%	\$90,874,971	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	1,891	30.8%	\$33,309,384	36.7%
Operating Equipment	1,978	32.2%	\$28,726,381	31.6%
Hot or Smoldering Object	708	11.5%	\$10,983,048	12.1%
Heat Source Other	212	3.4%	\$2,202,799	2.4%
Smoking Materials	479	7.8%	\$5,299,468	5.8%
Candles	84	1.4%	\$3,414,275	3.8%
Heat Spread from Another Fire	37	0.6%	\$720,589	0.8%
Chemical or Natural	60	1.0%	\$1,377,704	1.5%
Matches and Lighters	337	5.5%	\$1,537,095	1.7%
Explosives and Fireworks	263	4.3%	\$2,096,103	2.3%
Flares, Fuses and Torches	44	0.7%	\$921,340	1.0%
Multiple Heat Sources	30	0.5%	\$268,525	0.3%
Backfire from Engine	25	0.4%	\$18,260	0.0%
Grand Total	6,148	100.0%	\$90,874,971	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Property use not reported for every fire.

Region 4 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
King	17D02	King #2, Burien	748	0	148	896	\$1,613,900
	17D04	King #4, Shoreline	8,171	0	293	8,464	\$2,480,025
	17D10	King #10, Eastside Fire & Rescue	7,838	0	367	8,205	\$1,071,800
	17D11	King #11, North Highline	4,800	0	270	5,070	\$3,108,175
	17D13	King #13, Vashon Island	1,359	0	0	1,359	\$1,276,705
	17D16	King #16, Northshore	2,986	0	487	3,473	\$587,040
	17D20	King #20, Skyway/Bryn Mawr/Lakeridge	2,055	0	88	2,143	\$704,950
	17D27	King #27, Fall City	526	0	222	748	\$13,100
	17D36	Woodinville Fire & Life Safety	3,161	0	615	3,776	\$300,104
	17D39	King #39, South King Fire & Rescue	14,947	6	474	15,427	\$3,739,815
	17D40	King #40, Renton	2,631	2	310	2,943	\$432,667
	17D43	King #43, Maple Valley	2,735	0	84	2,819	\$1,957,195
	17D44	King #44, Mountain View	1,759	0	145	1,904	\$1,102,100
	17D45	King #45, Duvall	791	0	157	948	\$49,500
	17D47	King #47, Kangley/Palmer	98	0	1	99	\$3,600
	17D50	King #50, Skykomish/Stevens Pass	322	0	9	331	\$0
	17D51	King #51, Snoqualmie Pass	294	0	22	316	\$0
	17M01	Valley Regional Fire Authority	8,498	0	114	8,612	\$1,374,152
	17M02	Bellevue Fire Department	12,481	0	3,822	16,303	\$5,916,785
	17M03	Black Diamond Fire Department	333	0	2	335	\$4,902
17M04	Bothell Fire Department	4,155	5	303	4,463	\$1,253,380	
17M06	Enumclaw Fire Department/King #28	968	0	10	978	\$20,200	
17M08	Kent Fire Department	15,003	0	456	15,459	\$4,141,349	
17M09	Kirkland Fire Department	6,543	1	703	7,247	\$4,692,460	
17M10	Mercer Island Fire Department	2,129	0	65	2,194	\$239,210	
17M13	Redmond Fire Department	6,122	0	3,445	9,567	\$8,670	
17M14	Renton Fire Department	9,824	0	334	10,158	\$4,359,490	
17M15	Seattle Fire Department	13,586	0	0	13,586	\$9,396,848	
17M17	Snoqualmie Fire Department	589	0	236	825	\$364,200	
17M19	Tukwila Fire Department	4,398	2	273	4,673	\$3,599,982	
17M20	SeaTac Fire Department	3,730	0	502	4,232	\$935,980	
King County Total Incidents Reported			143,580	16	13,957	157,553	\$54,748,284
Pierce	27D02	Pierce #2, Lakewood	7,031	0	71	7,102	\$1,751,992
	27D03	Pierce #3, University Place	3,252	0	44	3,296	\$524,500
	27D05	Pierce #5, Gig Harbor	4,489	0	84	4,573	\$963,330
	27D06	Pierce #6, Central Pierce	15,089	1	500	15,590	\$3,980,810
	27D08	Pierce #8, Edgewood	663	0	423	1,086	\$472,500
	27D11	Pierce #11, North Puyallup	151	0	3	154	\$22,600
	27D13	Pierce #13, Brown's Point/Dash Point	1	0	0	1	\$25,000
	27D14	Riverside Fire & Rescue	410	0	49	459	\$180,000
	27D15	Pierce #15, South Pierce	199	0	34	233	\$82,000
	27D16	Pierce #16, Key Peninsula	1,740	0	35	1,775	\$2,104,925
	27D17	Pierce #17, Roy/Lacamas/McKenna	1,168	0	93	1,261	\$436,000
	27D18	Pierce #18, Orting	599	0	615	1,214	\$518,000
	27D21	Pierce #21, Graham	4,238	0	413	4,651	\$1,619,471
	27D22	Pierce #22, East Pierce	6,422	0	153	6,575	\$1,183,660
	27D23	Pierce #23, Elbe/Ashford	199	0	31	230	\$11,000
	27D25	Pierce #25, Crystal Mountain	0	0	0	0	\$0
27D26	Pierce #26, Greenwater	8	0	2	10	\$0	

Region 4 Incident Summary continued on next page.

Region 4 Incident Reporting Summary (Continued)

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Pierce	27D27	Pierce #27, Anderson Island	223	0	4	227	\$0
	27M02	Buckley Fire Department	708	0	26	734	\$166,446
	27M03	Carbonado Fire Department	29	0	16	45	\$0
	27M04	Dupont Fire Department	0	0	0	0	\$0
	27M05	Eatonville Fire Department	363	0	172	535	\$0
	27M07	Milton Fire Department	721	0	382	1,103	\$22,120
	27M08	Orting Fire Department	295	0	244	539	\$68,300
	27M09	Puyallup Fire Department	5,749	0	195	5,944	\$846,905
	27M11	Ruston Fire Department	65	0	0	65	\$17
	27M14	Steilacoom Fire Department	493	0	16	509	\$311,800
	27M16	Tacoma Fire Department	36,890	3	0	36,893	\$8,294,175
	27S05	McNeil Island Fire Department	783	0	4	787	\$30
Pierce County Total Incidents Reported			91,978	4	3,609	95,591	\$23,585,581
Snohomish	31D01	Snohomish #1	11,917	1	1,208	13,126	\$3,009,685
	31D04	Snohomish #4, Snohomish	2,893	0	203	3,096	\$193,500
	31D05	Snohomish #5, Sultan	263	0	37	300	\$151,670
	31D07	Snohomish #7, Clearview	6	0	0	6	\$160,050
	31D08	Snohomish #8, Lake Stevens	278	0	4	282	\$2,553,860
	31D14	Snohomish #14, Stanwood	1,141	0	370	1,511	\$243,400
	31D15	Snohomish #15, Tulalip Bay	617	0	48	665	\$0
	31D16	Snohomish #16, Lake Roesiger	0	0	0	0	\$0
	31D17	Snohomish #17, Granite Falls	1,431	0	98	1,529	\$1,133,250
	31D18	Snohomish #18, Bryant	370	0	163	533	\$66,850
	31D19	Snohomish #19, Silvana	368	0	75	443	\$0
	31D21	Snohomish #21, Arlington	0	0	0	0	\$0
	31D22	Snohomish #22, Getchell	392	0	527	919	\$50,000
	31D23	Snohomish #23, Robe Valley	110	0	0	110	\$97,000
	31D24	Snohomish/Skagit #24	101	1	11	113	\$246,000
	31D25	Snohomish #25, Oso	9	0	0	9	\$2,000
	31D26	Snohomish #26, Gold Bar	29	0	30	59	\$59,500
	31D27	Snohomish #27, Gedney/Hat Island	0	0	0	0	\$0
	31D28	Snohomish #28, Index	137	0	8	145	\$0
	31M01	Arlington Fire Department	1,740	0	626	2,366	\$10,750
	31M03	Edmonds Fire Department	4,607	1	570	5,178	\$758,850
	31M04	Everett Fire Department	2,724	0	7	2,731	\$2,418,450
	31M07	Lynnwood Fire Department	3,379	0	347	3,726	\$2,367,580
	31M08	Marysville Fire Department	9,460	0	406	9,866	\$508,025
	31M09	Monroe Fire Department/Snohomish #3	3,170	0	461	3,631	\$663,250
	31M11	Mukilteo Fire Department	1,764	0	88	1,852	\$89,626
31M13	Stanwood Fire Department	1,211	0	311	1,522	\$2,000	
Snohomish County Total Incidents Reported			48,117	3	5,598	53,718	\$14,785,296
Region 4 Total Incidents Reported			283,675	23	23,164	306,862	\$93,119,161

Region 5

Clark, Cowlitz, Lewis, Skamania, and Wahkiakum counties are part of Region 5. In 2007, 79.2% 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 Loss Reported
Fire	2,388	5.8%	\$20,111,040	98.8%
Rescue and Emergency Medical Service	29,654	72.0%	\$159,164	0.8%
Hazardous Conditions (No Fire)	742	1.8%	\$61,420	0.3%
Service Calls	1,664	4.0%	\$13,250	0.1%
Good Intent Calls	4,219	10.2%	\$6,050	0.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	80	0.2%	\$1,850	0.0%
Severe Weather & Natural Disaster	19	0.0%	\$1,000	0.0%
Unintentional False Fire Protection System Activation	770	1.9%	\$1,000	0.0%
False Alarms & False Calls	906	2.2%	\$2	0.0%
Fire Protection System Malfunction	580	1.4%	\$0	0.0%
Other Types of Incidents	164	0.4%	\$0	0.0%
Grand Total	41,186	100.0%	\$20,354,776	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	643	26.9%	\$18,833,524	93.6%
Vehicle Fires (Mobile Properties)	389	16.3%	\$1,018,692	5.1%
Natural Vegetation Fires	613	25.7%	\$92,262	0.5%
Fire Other	242	10.1%	\$46,951	0.2%
Outside Storage and Equipment Fires	70	2.9%	\$45,400	0.2%
Outside Rubbish Fires	410	17.2%	\$39,311	0.2%
Fixed Mobile Property Fires	16	0.7%	\$33,900	0.2%
Cultivated Vegetation Fires	5	0.2%	\$1,000	0.0%
Grand Total	2,388	100.0%	\$20,111,040	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	115	36.4%	\$27,717	69.6%
Chimney or Flue Fire, Confined to Chimney or Flue	140	44.3%	\$5,200	13.1%
Commercial Compactor Fire, Confined to Rubbish	1	0.3%	\$5,000	12.6%
Fuel Burner/Boiler Malfunction, Fire Confined	5	1.6%	\$1,800	4.5%
Trash or Rubbish Fire, Contained	52	16.5%	\$80	0.2%
Incinerator Overload or Malfunction, Fire Confined	3	0.9%	\$0	0.0%
Grand Total	316	100.0%	\$39,797	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	954	39.9%	\$12,321,221	61.3%
Mercantile and Business	139	5.8%	\$1,143,700	5.7%
Outside or Special Properties	855	35.8%	\$755,658	3.8%
Assembly	64	2.7%	\$75,780	0.4%
Storage	59	2.5%	\$4,643,810	23.1%
Educational Uses	43	1.8%	\$39,350	0.2%
Manufacturing and Processing	28	1.2%	\$30,250	0.2%
Other Property Uses	54	2.3%	\$142,600	0.7%
Undetermined	70	2.9%	\$174,550	0.9%
Industrial, Utility, Defense, Agriculture, & Mining	37	1.5%	\$673,200	3.3%
Health Care, Detention, and Corrections	22	0.9%	\$61,320	0.3%
None	63	2.6%	\$49,601	0.2%
Grand Total	2,388	100.0%	\$20,111,040	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Structural Areas	99	7.0%	\$6,507,776	32.5%
Undetermined	118	8.3%	\$5,396,751	27.0%
Storage Areas	74	5.2%	\$2,130,731	10.6%
Common or Functional Areas	118	8.3%	\$1,874,920	9.4%
Service or Equipment Areas	38	2.7%	\$1,700,450	8.5%
Vehicle Areas	323	22.8%	\$818,942	4.1%
Outside Areas	545	38.5%	\$604,022	3.0%
Technical Processing Areas	5	0.4%	\$550,000	2.7%
Areas for Groups of People (Assembly)	14	1.0%	\$284,450	1.4%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	11	0.8%	\$115,000	0.6%
Other Areas of Origin	71	5.0%	\$29,500	0.1%
Grand Total	1,416	100.0%	\$20,012,542	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	576	40.7%	\$9,690,513	48.4%
Heat Spread from Another Fire	29	2.0%	\$3,795,300	19.0%
Operating Equipment	295	20.8%	\$2,364,438	11.8%
Hot or Smoldering Object	192	13.6%	\$2,348,535	11.7%
Heat Source Other	102	7.2%	\$679,516	3.4%
Candles	13	0.9%	\$418,150	2.1%
Smoking Materials	74	5.2%	\$276,350	1.4%
Chemical or Natural	7	0.5%	\$166,250	0.8%
Explosives and Fireworks	64	4.5%	\$122,980	0.6%
Matches and Lighters	44	3.1%	\$76,960	0.4%
Multiple Heat Sources	4	0.3%	\$49,000	0.2%
Flares, Fuses and Torches	13	0.9%	\$21,550	0.1%
Backfire from Engine	3	0.2%	\$3,000	0.0%
Grand Total	1,416	100.0%	\$20,012,542	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 5 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Clark	06D01	East County Fire & Rescue	548	0	58	606	\$2,500
	06D03	Clark #3, Brush Prairie	999	0	66	1,065	\$477,700
	06D06	Clark #6, Hazel Dell	4,992	0	117	5,109	\$3,162,831
	06D10	Clark #10, Amboy	0	0	0	0	\$0
	06D11	Clark #11, Battle Ground	2,281	0	44	2,325	\$1,161,581
	06D12	Clark #12, Ridgefield	1,114	0	74	1,188	\$124,250
	06D13	Clark #13, Yacolt	134	0	19	153	\$2,330
	06M02	Camas Fire Department	1,277	0	1,502	2,779	\$516,140
	06M05	Vancouver Fire Department	12,469	0	99	12,568	\$3,738,648
06M06	Washougal Fire Department	1,189	0	68	1,257	\$175,400	
Clark County Total Incidents Reported			25,003	0	2,047	27,050	\$9,361,380
Cowlitz	08D01	Cowlitz #1, Woodland	269	0	18	287	\$31,800
	08D02	Cowlitz #2, Kelso	4,598	10	391	4,999	\$1,633,894
	08D03	Cowlitz #3, Toutle	295	0	28	323	\$500
	08D04	Cowlitz #4, Ryderwood	44	0	0	44	\$0
	08D05	Cowlitz #5, Kalama	600	0	210	810	\$238,085
	08D06	Cowlitz #6, Castle Rock	1,002	1	169	1,172	\$247,300
	08D07	Cowlitz/Skamania #7, Ariel	26	0	0	26	\$676,000
	08M04	Longview Fire Department	5,252	0	95	5,347	\$860,476
	08M05	Woodland Fire Department/Clark #2	870	0	72	942	\$125,421
Cowlitz County Total Incidents Reported			12,956	11	983	13,950	\$3,813,476
Lewis	21D01	Lewis #1, Onalaska	14	0	0	14	\$0
	21D02	Lewis #2, Toledo	313	0	1,109	1,422	\$85,700
	21D03	Lewis #3, Mossyrock	198	0	3	201	\$90,000
	21D04	Lewis #4, Morton	78	0	229	307	\$223,200
	21D05	Lewis #5, Napavine	94	0	22	116	\$29,500
	21D06	Lewis #6, Chehalis	557	0	78	635	\$16,350
	21D07	Lewis #7, Vadar	124	0	42	166	\$0
	21D08	Lewis #8, Salkum/Silver Creek	1	0	0	1	\$0
	21D09	Lewis #9, Mineral	6	0	50	56	\$0
	21D10	Lewis #10, Packwood	2	0	0	2	\$0
	21D11	Lewis #11, Pe Ell/City of Pe Ell	0	0	0	0	\$0
	21D12	Lewis #12, Centralia	87	0	13	100	\$241,900
	21D13	Lewis #13, Curtis	0	0	0	0	\$0
	21D14	Lewis #14, Randle	224	0	0	224	\$12,000
	21D15	Lewis #15, Winlock	442	0	60	502	\$0
	21D16	Lewis #16, Doty/Dryad/Meskill	0	0	0	0	\$0
	21D17	Lewis #17, Big Creek	0	0	2	2	\$0
	21D18	Lewis #18, Glenoma	0	0	0	0	\$0
	21M01	Centralia Fire Department	464	0	8	472	\$509,970
21M02	Chehalis Fire Department	222	0	22	244	\$86,000	
21M03	Morton Fire Department	224	0	0	224	\$168,500	
Lewis County Total Incidents Reported			3,050	0	1,638	4,688	\$1,463,120
Skamania	30D01	Skamania #1, Carson	0	0	0	0	\$0
	30D03	Skamania #3, Underwood	35	6	2	43	\$3,655,000
	30D04	Skamania #4, Washougal	0	0	0	0	\$0
	30D05	Skamania #5, Skamania	25	0	10	35	\$0
	30D06	Skamania #6, Cougar	0	0	0	0	\$0
	30M01	North Bonneville Fire Department	3	0	4	7	\$0
	30M02	Stevenson Fire Department/Skamania #2	69	0	27	96	\$2,036,800
30S01	Mill-A Volunteers Fire Department	0	0	0	0	\$0	
Skamania County Total Incidents Reported			132	6	43	181	\$5,691,800
Wahkiakum	35D01	Wahkiakum #1, Cathlamet	11	0	1	12	\$0
	35D02	Wahkiakum #2, Skamokawa	0	0	0	0	\$0
	35D03	Wahkiakum #3, Grays River	1	0	0	1	\$25,000
	35D04	Wahkiakum #4, Cathlamet	33	0	8	41	\$0
	35M01	Cathlamet Fire Department	0	0	0	0	\$0
Wahkiakum County Total Incidents Reported			45	0	9	54	\$25,000
Region 5 Total Incidents Reported			41,186	17	4,720	45,923	\$20,354,776

Region 6

Chelan, Douglas, Grant, and Okanogan counties are part of Region 6. In 2007, 67.2% 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 Loss Reported
Fire	1,363	13.6%	\$7,520,542	98.8%
Hazardous Conditions (No Fire)	382	3.8%	\$52,310	0.7%
Rescue and Emergency Medical Service	5,803	57.8%	\$21,000	0.3%
Service Calls	363	3.6%	\$5,700	0.1%
Overpressure Rupture, Explosion, Overheat (No Fire)	48	0.5%	\$5,110	0.1%
Unintentional False Fire Protection System Activation	250	2.5%	\$3,500	0.0%
Fire Protection System Malfunction	213	2.1%	\$1,500	0.0%
Good Intent Calls	1,232	12.3%	\$0	0.0%
False Alarms & False Calls	202	2.0%	\$0	0.0%
Severe Weather & Natural Disaster	164	1.6%	\$0	0.0%
Other Types of Incidents	19	0.2%	\$0	0.0%
Grand Total	10,039	100.0%	\$7,609,662	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	282	20.7%	\$4,664,915	62.0%
Vehicle Fires (Mobile Properties)	191	14.0%	\$925,517	12.3%
Fixed Mobile Property Fires	17	1.2%	\$918,200	12.2%
Cultivated Vegetation Fires	31	2.3%	\$638,500	8.5%
Outside Storage and Equipment Fires	56	4.1%	\$224,860	3.0%
Outside Rubbish Fires	156	11.4%	\$65,550	0.9%
Fire Other	146	10.7%	\$53,350	0.7%
Natural Vegetation Fires	484	35.5%	\$29,650	0.4%
Grand Total	1,363	100.0%	\$7,520,542	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	38	36.5%	\$24,000	99.6%
Chimney or Flue Fire, Confined to Chimney or Flue	46	44.2%	\$100	0.4%
Trash or Rubbish Fire, Contained	19	18.3%	\$0	0.0%
Incinerator Overload or Malfunction, Fire Confined	1	1.0%	\$0	0.0%
Grand Total	104	100.0%	\$24,100	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	349	25.7%	\$4,864,865	64.7%
Industrial, Utility, Defense, Agriculture, & Mining	104	7.6%	\$973,800	12.9%
Outside or Special Properties	674	49.6%	\$568,427	7.6%
Assembly	20	1.5%	\$461,000	6.1%
Storage	38	2.8%	\$241,600	3.2%
Mercantile and Business	36	2.6%	\$145,650	1.9%
Manufacturing and Processing	12	0.9%	\$132,000	1.8%
Other Property Uses	90	6.6%	\$74,200	1.0%
Undetermined	13	1.0%	\$50,000	0.7%
Health Care, Detention, and Corrections	5	0.4%	\$5,000	0.1%
None	12	0.9%	\$4,000	0.1%
Educational Uses	7	0.5%	\$0	0.0%
Grand Total	1,360	100.0%	\$7,520,542	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common or Functional Areas	64	8.6%	\$1,621,915	22.4%
Undetermined	103	13.8%	\$1,554,450	21.5%
Vehicle Areas	154	20.7%	\$944,787	13.1%
Structural Areas	46	6.2%	\$856,400	11.9%
Outside Areas	292	39.2%	\$770,610	10.7%
Areas for Groups of People (Assembly)	9	1.2%	\$500,200	6.9%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	9	1.2%	\$396,500	5.5%
Service or Equipment Areas	18	2.4%	\$308,180	4.3%
Storage Areas	28	3.8%	\$270,300	3.7%
Other Areas of Origin	19	2.6%	\$1,500	0.0%
Technical Processing Areas	2	0.3%	\$0	0.0%
Grand Total	744	100.0%	\$7,224,842	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	325	43.7%	\$4,624,045	64.0%
Operating Equipment	156	21.0%	\$1,644,120	22.8%
Hot or Smoldering Object	84	11.3%	\$554,677	7.7%
Heat Spread from Another Fire	27	3.6%	\$112,500	1.6%
Smoking Materials	38	5.1%	\$73,100	1.0%
Heat Source Other	43	5.8%	\$60,500	0.8%
Chemical or Natural	15	2.0%	\$55,000	0.8%
Matches and Lighters	22	3.0%	\$35,800	0.5%
Explosives and Fireworks	13	1.7%	\$32,100	0.4%
Flares, Fuses and Torches	13	1.7%	\$20,200	0.3%
Candles	3	0.4%	\$12,800	0.2%
Multiple Heat Sources	2	0.3%	\$0	0.0%
Backfire from Engine	3	0.4%	\$0	0.0%
Grand Total	744	100.0%	\$7,224,842	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Property use not reported for every fire.

Region 6 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Chelan	04D01	Chelan #1, Sunnyslope	456	5	163	624	\$1,899,500
	04D03	Chelan #3, Leavenworth	86	0	436	522	\$20,000
	04D04	Chelan #4, Ponderosa	3	0	0	3	\$0
	04D05	Chelan #5, Manson	56	0	27	83	\$60,000
	04D06	Chelan #6, Monitor/Dryden	314	0	0	314	\$45,150
	04D07	Chelan #7, Chelan/Chelan Falls	134	0	36	170	\$0
	04D08	Chelan #8, Entiat	0	0	0	0	\$0
	04D09	Chelan #9, Lake Wenatchee/Plain	102	0	13	115	\$0
	04D10	Chelan #10, Stehekan	0	0	0	0	\$0
	04M01	Cashmere Fire Department	66	0	23	89	\$0
	04M05	Wenatchee Fire Department	1,992	0	131	2,123	\$248,420
Chelan County Total Incidents Reported			3,209	5	829	4,043	\$2,273,070
Douglas	09D01	Douglas #1, Waterville	38	0	3	41	\$55,900
	09D02	Douglas #2, East Wenatchee/Rock Island	1,120	0	121	1,241	\$86,000
	09D03	Douglas #3, Grand Coulee	9	0	12	21	\$0
	09D04	Douglas #4, Orondo	0	0	0	0	\$0
	09D05	Douglas #5, Mansfield	28	0	0	28	\$0
	09M01	Bridgeport Fire Department	7	0	2	9	\$410,000
Douglas County Total Incidents Reported			1,202	0	138	1,340	\$551,900
Grant	13D03	Grant #3, Quincy	382	0	32	414	\$0
	13D04	Grant #4, Warden	79	0	12	91	\$93,500
	13D05	Grant #5, Moses Lake	2,836	0	15	2,851	\$405,085
	13D06	Grant #6, Hartline	0	0	0	0	\$0
	13D07	Grant #7, Soap Lake	147	0	14	161	\$0
	13D08	Grant #8, Mattawa	328	0	41	369	\$794,577
	13D10	Grant #10, Royal Slope	151	0	43	194	\$84,700
	13D11	Grant #11, East Royal Slope	16	0	9	25	\$0
	13D12	Grant #12, Wilson Creek	16	0	2	18	\$0
	13D13	Grant #13, Ephrata	105	0	49	154	\$45,000
	13D14	Grant #14, Electric City	1	0	0	1	\$0
	13M01	Coulee City Fire Department/Douglas #8	15	0	5	20	\$0
	13M03	Electric City Fire Department	13	0	9	22	\$0
	13M04	Ephrata Fire Department	320	0	19	339	\$0
	13M05	Grand Coulee Fire Department	0	0	0	0	\$0
	13M06	Hartline Fire Department	0	0	0	0	\$0
	13M07	Krupp/Marlin Fire Department	0	0	0	0	\$0
13M08	Moses Lake Fire Department	429	0	10	439	\$1,154,545	
13M09	Quincy Fire Department	67	0	0	67	\$0	
13M10	Soap Lake Fire Department	16	0	26	42	\$55,100	
Grant County Total Incidents Reported			4,921	0	286	5,207	\$2,632,507

Region 6 Incident Reporting Summary continued on next page.

Region 6 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Okanogan	24D02	Okanogan #2, Elmer City	0	0	0	0	\$0
	24D03	Okanogan #3, Malott	202	0	122	324	\$315,600
	24D04	Okanogan #4, Tonasket	0	0	0	0	\$0
	24D06	Okanogan #6/City of Winthrop	110	0	103	213	\$860,500
	24D07	Okanogan #7, Riverside	2	0	31	33	\$0
	24D08	Okanogan #8, Okanogan	0	0	0	0	\$0
	24D09	Okanogan #9, Rural Conconully	0	0	0	0	\$0
	24D10	Okanogan #10, Loomis	0	0	0	0	\$0
	24D11	Okanogan #11, Molson/Chesaw	0	0	0	0	\$0
	24D12	Okanogan #12, Tonasket	1	0	0	1	\$0
	24D15	Douglas/Okanogan #15	101	0	15	116	\$400,000
	24D16	Okanogan #16	0	0	1	1	\$0
	24M00	Brewster Fire Department	0	0	0	0	\$0
	24M01	Coulee Dam Fire Department	0	0	0	0	\$0
	24M03	Nespelem Fire Department	0	0	0	0	\$0
	24M04	Okanogan Fire Department	57	0	37	94	\$152,575
	24M05	Omak Fire Department	147	0	7	154	\$275,510
	24M06	Oroville Fire Department/Okanogan #1	86	0	1	87	\$148,000
	24M07	Pateros Fire Department	0	0	0	0	\$0
	24M09	Twisp Fire Department	0	0	0	0	\$0
24M11	Conconully Fire Department	0	0	0	0	\$0	
Okanogan County Total Incidents Reported			706	0	317	1,023	\$2,152,185
Region 6 Total Incidents Reported			10,038	5	1,570	11,613	\$7,609,662

Region 7

Kittitas, Klickitat, and Yakima counties are part of Region 7. In 2007, 83.7% 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 Loss Reported
Fire	2,012	9.2%	\$24,698,928	99.2%
Rescue and Emergency Medical Service	15,578	71.1%	\$111,800	0.4%
Hazardous Conditions (No Fire)	459	2.1%	\$59,615	0.2%
Service Calls	929	4.2%	\$12,750	0.1%
Unintentional False Fire Protection System Activation	758	3.5%	\$12,000	0.0%
Good Intent Calls	1,688	7.7%	\$6,200	0.0%
Other Types of Incidents	55	0.3%	\$2,500	0.0%
Fire Protection System Malfunction	130	0.6%	\$1,500	0.0%
Overpressure Rupture, Explosion, Overheat (No Fire)	15	0.1%	\$0	0.0%
False Alarms & False Calls	265	1.2%	\$0	0.0%
Severe Weather & Natural Disaster	19	0.1%	\$0	0.0%
Grand Total	21,908	100.0%	\$24,905,293	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	544	27.0%	\$20,899,173	84.6%
Vehicle Fires (Mobile Properties)	348	17.3%	\$1,496,755	6.1%
Outside Storage and Equipment Fires	74	3.7%	\$1,436,470	5.8%
Natural Vegetation Fires	686	34.1%	\$441,100	1.8%
Fire Other	158	7.9%	\$213,650	0.9%
Fixed Mobile Property Fires	25	1.2%	\$96,000	0.4%
Cultivated Vegetation Fires	24	1.2%	\$95,800	0.4%
Outside Rubbish Fires	153	7.6%	\$19,980	0.1%
Grand Total	2,012	100.0%	\$24,698,928	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	63	40.1%	\$27,417	69.7%
Trash or Rubbish Fire, Contained	28	17.8%	\$6,645	16.9%
Chimney or Flue Fire, Confined to Chimney or Flue	60	38.2%	\$5,300	13.5%
Incinerator Overload or Malfunction, Fire Confined	2	1.3%	\$0	0.0%
Commercial Compactor Fire, Confined to Rubbish	1	0.6%	\$0	0.0%
Fuel Burner/Boiler Malfunction, Fire Confined	3	1.9%	\$0	0.0%
Grand Total	157	100.0%	\$39,362	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports. Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	631	31.4%	\$11,255,635	45.6%
Storage	96	4.8%	\$9,564,200	38.7%
Outside or Special Properties	1,007	50.0%	\$1,616,185	6.5%
Mercantile and Business	53	2.6%	\$1,179,600	4.8%
Manufacturing and Processing	38	1.9%	\$435,700	1.8%
Assembly	28	1.4%	\$290,100	1.2%
Health Care, Detention, and Corrections	5	0.2%	\$162,000	0.7%
None	60	3.0%	\$97,200	0.4%
Industrial, Utility, Defense, Agriculture, & Mining	49	2.4%	\$83,720	0.3%
Undetermined	16	0.8%	\$10,000	0.0%
Educational Uses	17	0.8%	\$2,588	0.0%
Other Property Uses	12	0.6%	\$2,000	0.0%
Grand Total	2,012	100.0%	\$24,698,928	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Storage Areas	58	4.1%	\$6,809,050	28.1%
Undetermined	171	12.1%	\$4,295,800	17.7%
Common or Functional Areas	157	11.1%	\$2,981,117	12.3%
Structural Areas	100	7.1%	\$2,119,860	8.8%
Areas for Groups of People (Assembly)	46	3.2%	\$2,104,100	8.7%
Service or Equipment Areas	25	1.8%	\$2,041,950	8.4%
Outside Areas	498	35.2%	\$1,940,496	8.0%
Vehicle Areas	290	20.5%	\$1,254,255	5.2%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	16	1.1%	\$376,600	1.6%
Technical Processing Areas	3	0.2%	\$163,000	0.7%
Other Areas of Origin	52	3.7%	\$132,720	0.5%
Grand Total	1,416	100.0%	\$24,218,948	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Undetermined	605	42.7%	\$13,408,896	55.4%
Operating Equipment	311	22.0%	\$4,944,792	20.4%
Hot or Smoldering Object	127	9.0%	\$2,930,280	12.1%
Chemical or Natural	18	1.3%	\$808,800	3.3%
Heat Source Other	62	4.4%	\$753,305	3.1%
Matches and Lighters	95	6.7%	\$397,825	1.6%
Candles	11	0.8%	\$294,100	1.2%
Heat Spread from Another Fire	28	2.0%	\$195,000	0.8%
Flares, Fuses and Torches	32	2.3%	\$174,500	0.7%
Smoking Materials	45	3.2%	\$174,400	0.7%
Explosives and Fireworks	65	4.6%	\$123,350	0.5%
Multiple Heat Sources	7	0.5%	\$11,100	0.0%
Backfire from Engine	10	0.7%	\$2,600	0.0%
Grand Total	1,416	100.0%	\$24,218,948	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 7 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Kittitas	19D01	Kittitas #1, Thorp	128	0	47	175	\$200,475
	19D02	Kittitas #2, Ellensburg	2,745	0	17	2,762	\$1,794,435
	19D03	Kittitas #3, Easton	0	0	0	0	\$0
	19D04	Kittitas #4, Vantage	0	0	0	0	\$0
	19D06	Kittitas #6, Lake Cle Elum	24	0	0	24	\$1,200,200
	19D07	Kittitas #7, Rural Cle Elum	367	0	54	421	\$163,800
	19D08	Kittitas #8, Lake Kachess	85	0	0	85	\$826,500
	19M01	Cle Elum Fire Department	16	0	4	20	\$0
	19M03	Kittitas Fire Department	24	0	14	38	\$220,100
	19M04	Roslyn Fire Department	0	0	0	0	\$0
19M05	South Cle Elum Fire Department	221	0	21	242	\$253,700	
Kittitas County Total Incidents Reported			3,610	0	157	3,767	\$4,659,210
Klickitat	20D01	Klickitat #1, Trout Lake	0	0	0	0	\$0
	20D02	Klickitat #2, Bickleton	0	0	0	0	\$0
	20D03	Klickitat #3, Husum/Cherry Lane	21	0	5	26	\$32,500
	20D04	Klickitat #4, Lyle	44	0	27	71	\$100
	20D05	Klickitat #5, Centerville	9	0	26	35	\$0
	20D06	Klickitat #6, Dallesport	36	0	20	56	\$37,050
	20D07	Klickitat #7, Goldendale	95	3	292	390	\$276,100
	20D08	Klickitat #8, Glenwood	0	0	0	0	\$0
	20D09	Klickitat #9, Roosevelt	8	0	4	12	\$0
	20D10	Klickitat #10, Alderdale	0	0	0	0	\$0
	20D11	Klickitat #11, Wishram	4	0	0	4	\$100
	20D12	Klickitat #12, Klickitat	5	0	0	5	\$40,000
	20D13	Klickitat #13, Appleton	0	0	4	4	\$0
	20D14	Klickitat #14, High Prairie	28	1	55	84	\$78,000
	20D15	Klickitat #15	0	0	1	1	\$0
	20M01	Bingen Fire Department	25	0	8	33	\$135,800
	20M02	Goldendale Fire Department	91	0	8	99	\$131,700
20M03	White Salmon Fire Department	26	0	25	51	\$0	
Klickitat County Total Incidents Reported			392	4	475	871	\$731,350
Yakima	39D01	Yakima #1, Cowiche	46	0	39	85	\$448,400
	39D02	Yakima #2, Selah	1,032	1	45	1,078	\$1,838,700
	39D03	Yakima #3, Naches	23	0	10	33	\$51,400
	39D04	Yakima #4, Moxee	882	0	44	926	\$395,965
	39D05	Yakima #5, Zillah	2,495	0	51	2,546	\$5,462,250
	39D06	Yakima #6, Gleed	35	0	21	56	\$0
	39D07	Yakima #7, Glade	1	0	0	1	\$0
	39D09	Yakima #9, Naches Heights	0	0	0	0	\$0
	39D12	Yakima #12, West Valley	532	0	98	630	\$1,058,050
	39D14	Yakima #14, Nile/Cliffdell	0	0	0	0	\$0
	39M01	Grandview Fire Dept	504	0	3	507	\$202,850
	39M02	Granger Fire Dept	123	0	0	123	\$37,000
	39M03	Mabton Fire Dept	78	0	2	80	\$75,500
	39M06	Sunnyside Fire Dept	1,835	3	110	1,948	\$338,445
	39M07	Tieton Fire Department	21	0	12	33	\$0
	39M08	Toppenish Fire Dept	546	0	127	673	\$733,950
	39M09	Union Gap Fire Dept	834	0	59	893	\$240,550
39M10	Wapato Fire Dept	607	0	3	610	\$4,245,050	
39M11	Yakima Fire Dept	8,153	8	94	8,255	\$4,359,723	
39M12	Zillah Fire Dept	159	0	3	162	\$26,900	
Yakima County Total Incidents Reported			17,906	12	721	18,639	\$19,514,733
Region 7 Total Incidents Reported			21,908	16	1,353	23,277	\$24,905,293

Region 8

Adams, Asotin, Benton, Columbia, Garfield, Franklin, Walla Walla, and Whitman counties are part of Region 8. In 2007, 65.1% 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 Loss Reported
Fire	1,927	7.9%	\$7,854,158	92.5%
Other Types of Incidents	101	0.4%	\$500,000	5.9%
Rescue and Emergency Medical Service	16,043	65.7%	\$53,000	0.6%
Service Calls	1,142	4.7%	\$48,750	0.6%
Unintentional False Fire Protection System Activation	1,360	5.6%	\$17,700	0.2%
Hazardous Conditions (No Fire)	599	2.5%	\$11,580	0.1%
Overpressure Rupture, Explosion, Overheat (No Fire)	46	0.2%	\$2,005	0.0%
Good Intent Calls	1,757	7.2%	\$300	0.0%
False Alarms & False Calls	406	1.7%	\$25	0.0%
Fire Protection System Malfunction	1,009	4.1%	\$0	0.0%
Severe Weather & Natural Disaster	13	0.1%	\$0	0.0%
Grand Total	24,403	100.0%	\$8,487,518	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Structure Fires (including confined fires)	449	23.3%	\$6,088,790	77.5%
Vehicle Fires (Mobile Properties)	291	15.1%	\$1,102,400	14.0%
Cultivated Vegetation Fires	62	3.2%	\$200,903	2.6%
Outside Storage and Equipment Fires	73	3.8%	\$174,520	2.2%
Natural Vegetation Fires	687	35.7%	\$173,355	2.2%
Fixed Mobile Property Fires	17	0.9%	\$74,710	1.0%
Fire Other	112	5.8%	\$34,840	0.4%
Outside Rubbish Fires	236	12.2%	\$4,640	0.1%
Grand Total	1,927	100.0%	\$7,854,158	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Cooking Fire, Confined to Container	113	61.1%	\$5,165	52.7%
Trash or Rubbish Fire, Contained	38	20.5%	\$4,635	47.3%
Chimney or Flue Fire, Confined to Chimney or Flue	29	15.7%	\$0	0.0%
Incinerator Overload or Malfunction, Fire Confined	2	1.1%	\$0	0.0%
Commercial Compactor Fire, Confined to Rubbish	1	0.5%	\$0	0.0%
Fuel Burner/Boiler Malfunction, Fire Confined	2	1.1%	\$0	0.0%
Grand Total	185	100.0%	\$9,800	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Residential	562	29.2%	\$4,893,881	62.3%
Storage	52	2.7%	\$731,575	9.3%
Outside or Special Properties	1,038	53.9%	\$717,580	9.1%
Mercantile and Business	46	2.4%	\$620,900	7.9%
Industrial, Utility, Defense, Agriculture, & Mining	95	4.9%	\$612,504	7.8%
Other Property Uses	14	0.7%	\$94,603	1.2%
None	28	1.5%	\$65,500	0.8%
Assembly	31	1.6%	\$59,245	0.8%
Health Care, Detention, and Corrections	13	0.7%	\$53,320	0.7%
Manufacturing and Processing	16	0.8%	\$5,000	0.1%
Educational Uses	19	1.0%	\$50	0.0%
Undetermined	13	0.7%	\$0	0.0%
Grand Total	1,927	100.0%	\$7,854,158	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Common or Functional Areas	189	17.2%	\$1,663,460	23.0%
Structural Areas	56	5.1%	\$1,380,700	19.1%
Areas for Groups of People (Assembly)	14	1.3%	\$876,050	12.1%
Vehicle Areas	272	24.7%	\$823,590	11.4%
Outside Areas	378	34.4%	\$800,988	11.1%
Storage Areas	61	5.5%	\$795,825	11.0%
Undetermined	66	6.0%	\$616,504	8.5%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	9	0.8%	\$120,000	1.7%
Service or Equipment Areas	21	1.9%	\$74,200	1.0%
Technical Processing Areas	1	0.1%	\$50,000	0.7%
Other Areas of Origin	33	3.0%	\$25,850	0.4%
Grand Total	1,100	100.0%	\$7,227,167	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Operating Equipment	315	28.6%	\$2,043,585	28.3%
Undetermined	401	36.5%	\$1,736,048	24.0%
Heat Spread from Another Fire	22	2.0%	\$1,208,180	16.7%
Candles	9	0.8%	\$789,600	10.9%
Heat Source Other	59	5.4%	\$720,200	10.0%
Hot or Smoldering Object	107	9.7%	\$409,150	5.7%
Smoking Materials	44	4.0%	\$117,750	1.6%
Chemical or Natural	45	4.1%	\$104,454	1.4%
Matches and Lighters	54	4.9%	\$81,500	1.1%
Explosives and Fireworks	19	1.7%	\$9,450	0.1%
Flares, Fuses and Torches	18	1.6%	\$3,300	0.0%
Backfire from Engine	4	0.4%	\$3,200	0.0%
Multiple Heat Sources	3	0.3%	\$750	0.0%
Grand Total	1,100	100.0%	\$7,227,167	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Region 8 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Adams	01D01	Adams #1, Ritzville	73	0	3	76	\$45,000
	01D02	Adams #2, Lind	0	0	0	0	\$0
	01D04	Adams #4, McCall	2	0	5	7	\$204
	01D05	Adams #5, Othello	143	0	10	153	\$0
	01D06	Adams #6, Benge	0	0	0	0	\$0
	01D07	Adams #7, Washtucna	0	0	0	0	\$0
	01M01	Lind Fire Department	0	0	0	0	\$0
	01M02	Othello Fire Department	103	0	0	103	\$0
	01M03	Ritzville Fire Department	0	0	0	0	\$0
Adams County Total Incidents Reported			321	0	18	339	\$45,204
Asotin	02D01	Asotin #1, Clarkston	219	0	27	246	\$0
	02M01	Asotin Fire Department	27	0	41	68	\$0
	02M02	Clarkston Fire Department	170	0	15	185	\$0
Asotin County Total Incidents Reported			416	0	83	499	\$0
Benton	03D01	Benton #1, Kennewick	893	0	146	1,039	\$782,770
	03D02	Benton #2, Benton City	512	8	163	683	\$272,091
	03D03	Benton #3, Prosser	290	0	18	308	\$0
	03D04	Benton #4, West Richland	650	1	186	837	\$558,750
	03D05	Benton #5, Horse Haven	0	0	0	0	\$0
	03D06	Benton #6, Plymouth/Paterson	136	0	10	146	\$42,903
	03M02	Kennewick Fire Department	6,113	3	600	6,716	\$536,050
	03M03	Prosser Fire Department	66	0	0	66	\$0
	03M04	Richland Fire Department	3,922	1	584	4,507	\$471,600
	03S01	Hanford Fire Department	1,000	0	62	1,062	\$6,000
Benton County Total Incidents Reported			13,582	13	1,769	15,364	\$2,670,164
Columbia	07D01	Columbia #1, Starbuck	19	0	5	24	\$18,000
	07D03	Columbia #3, Dayton	490	0	10	500	\$116,100
Columbia County Total Incidents Reported			509	0	15	524	\$134,100
Franklin	11D01	Franklin #1, Connell/City of Mesa	0	0	0	0	\$0
	11D02	Franklin #2, Kahlotus	0	0	0	0	\$0
	11D03	Franklin #3, Pasco	316	1	37	354	\$446,550
	11D04	Franklin #4, Basin City	0	0	0	0	\$0
	11M01	Connell Fire Depart	0	0	0	0	\$0
	11M02	Pasco Fire Department	2,504	5	101	2,610	\$930,200
Franklin County Total Incidents Reported			2,820	6	138	2,964	\$1,376,750

Region 8 Incident Reporting Summary continued on next page.

Region 8 Incident Reporting Summary (Continued)

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported	
Garfield	12D01	Garfield #1, Pomeroy	3	0	0	3	\$0	
	Garfield County Total Incidents Reported			3	0	0	3	\$0
Walla Walla	36D01	Walla Walla #1, Clyde	0	0	0	0	\$0	
	36D02	Walla Walla/Columbia #2, Waitsburg	0	0	0	0	\$0	
	36D03	Walla Walla #3, Eureka	0	0	0	0	\$0	
	36D04	Walla Walla #4, Walla Walla	571	0	73	644	\$50,700	
	36D05	Walla Walla #5, Burbank	400	0	40	440	\$161,800	
	36D06	Walla Walla #6, Touchet	0	0	0	0	\$0	
	36D07	Walla Walla #7, Prescott	6	0	3	9	\$0	
	36D08	Walla Walla #8, Dixie	84	6	5	95	\$373,500	
	36M01	College Place Fire Department	931	0	51	982	\$61,000	
	36M03	Waitsburg Fire Department	0	0	0	0	\$0	
	36M04	Walla Walla Fire Department	1,736	17	19	1,772	\$1,438,395	
	Walla Walla County Total Incidents Reported			3,728	23	191	3,942	\$2,085,395
	Whitman	38D01	Whitman #1, Tekoa	2	0	0	2	\$0
38D02		Whitman #2, Saint John/City of Saint John	11	0	0	11	\$100,000	
38D03		Whitman #3, Garfield	0	0	0	0	\$0	
38D04		Whitman #4, Palouse/City of Palouse	18	0	3	21	\$0	
38D05		Whitman #5, Lamont	9	0	4	13	\$0	
38D06		Whitman # 6, Endicott	0	0	0	0	\$0	
38D07		Whitman #7, Rosalia	11	0	5	16	\$87,000	
38D08		Whitman #8, LaCrosse/Hooper	0	0	0	0	\$0	
38D10		Whitman #10, Oaksdale/Farmington	59	0	4	63	\$1,500	
38D11		Whitman #11, Albion/Colfax/Diamond/Step toe	106	0	7	113	\$355,200	
38D12		Whitman #12, Pullman	0	0	0	0	\$0	
38D13		Whitman #13, Wilcox	0	0	0	0	\$0	
38D14		Whitman #14, Colton/Uniontown	75	0	15	90	\$47,500	
38M01		Albion Fire Department	47	0	13	60	\$0	
38M02		Colfax Fire Department	767	0	115	882	\$71,400	
38M05		Garfield Fire Department	0	0	0	0	\$0	
38M06		LaCrosse Fire Department	0	0	0	0	\$0	
38M07	Malden Fire Department	23	0	1	24	\$400		
38M10	Pullman Fire Department	1,871	0	114	1,985	\$1,110,905		
38M11	Rosalia Fire Department	23	0	0	23	\$402,000		
38M13	Tekoa Fire Department	2	0	0	2	\$0		
Whitman County Total Incidents Reported			3,024	0	281	3,305	\$2,175,905	
Region 8 Total Incidents Reported			24,403	42	2,495	26,940	\$8,487,518	

Region 9

Ferry, Lincoln, Pend Oreille, Spokane, and Stevens counties are part of Region 9. In 2007, 83.3% 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 Loss Reported
Fire	2,320	4.8%	\$32,641,024	98.1%
Hazardous Conditions (No Fire)	1,271	2.6%	\$337,350	1.0%
Rescue and Emergency Medical Service	32,646	67.3%	\$107,000	0.3%
Fire Protection System Malfunction	778	1.6%	\$100,000	0.3%
Overpressure Rupture, Explosion, Overheat (No Fire)	145	0.3%	\$72,600	0.2%
Service Calls	3,304	6.8%	\$2,900	0.0%
Other Types of Incidents	2,154	4.4%	\$0	0.0%
Good Intent Calls	4,223	8.7%	\$0	0.0%
Severe Weather & Natural Disaster	14	0.0%	\$0	0.0%
Unintentional False Fire Protection System Activation	1,114	2.3%	\$0	0.0%
False Alarms & False Calls	562	1.2%	\$0	0.0%
Grand Total	48,531	100.0%	\$33,260,874	100.0%

Fire Incident Type Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Vehicle Fires (Mobile Properties)	316	13.6%	\$20,413,040	62.5%
Structure Fires (including confined fires)	638	27.5%	\$10,569,614	32.4%
Natural Vegetation Fires	709	30.6%	\$1,284,200	3.9%
Fixed Mobile Property Fires	23	1.0%	\$329,525	1.0%
Fire Other	204	8.8%	\$24,200	0.1%
Cultivated Vegetation Fires	17	0.7%	\$8,200	0.0%
Outside Rubbish Fires	346	14.9%	\$7,570	0.0%
Outside Storage and Equipment Fires	67	2.9%	\$4,675	0.0%
Grand Total	2,320	100.0%	\$32,641,024	100.0%

Confined Fires by Type	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Loss Reported
Fuel Burner/Boiler Malfunction, Fire Confined	13	5.7%	\$110,000	82.9%
Incinerator Overload or Malfunction, Fire Confined	3	1.3%	\$15,045	11.3%
Cooking Fire, Confined to Container	84	36.5%	\$6,100	4.6%
Chimney or Flue Fire, Confined to Chimney or Flue	88	38.3%	\$1,050	0.8%
Trash or Rubbish Fire, Contained	41	17.8%	\$500	0.4%
Commercial Compactor Fire, Confined to Rubbish	1	0.4%	\$0	0.0%
Grand Total	230	100.0%	\$132,695	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Fire Incidents By:

Property Use Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Industrial, Utility, Defense, Agriculture, & Mining	112	4.8%	\$21,386,300	65.5%
Residential	867	37.4%	\$9,330,279	28.6%
Mercantile and Business	61	2.6%	\$645,235	2.0%
Storage	62	2.7%	\$420,325	1.3%
Outside or Special Properties	1,043	45.0%	\$375,110	1.1%
Assembly	34	1.5%	\$364,650	1.1%
Other Property Uses	46	2.0%	\$60,675	0.2%
None	28	1.2%	\$18,250	0.1%
Manufacturing and Processing	22	0.9%	\$16,400	0.1%
Health Care, Detention, and Corrections	11	0.5%	\$15,800	0.0%
Educational Uses	24	1.0%	\$6,000	0.0%
Undetermined	9	0.4%	\$2,000	0.0%
Grand Total	2,319	100.0%	\$32,641,024	100.0%

Area of Origin Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Outside Areas	527	39.1%	\$20,517,800	63.4%
Common or Functional Areas	146	10.8%	\$3,581,375	11.1%
Structural Areas	113	8.4%	\$3,519,550	10.9%
Undetermined	119	8.8%	\$1,386,725	4.3%
Storage Areas	76	5.6%	\$1,368,875	4.2%
Areas for Groups of People (Assembly)	19	1.4%	\$845,100	2.6%
Service or Equipment Areas	35	2.6%	\$437,409	1.4%
Vehicle Areas	266	19.7%	\$384,645	1.2%
Exit/Exit Access/Exit Discharge Areas (Means of Egress)	20	1.5%	\$290,800	0.9%
Other Areas of Origin	22	1.6%	\$45,000	0.1%
Technical Processing Areas	4	0.3%	\$5,000	0.0%
Grand Total	1,347	100.0%	\$32,382,279	100.0%

Heat Source Category	Total Number of Incidents	% of Total Incidents	Total Property and Content Loss Reported	% of Total Dollar Loss
Explosives and Fireworks	49	3.6%	\$20,011,700	61.8%
Undetermined	555	41.2%	\$4,872,199	15.0%
Operating Equipment	278	20.6%	\$2,803,750	8.7%
Hot or Smoldering Object	170	12.6%	\$2,462,720	7.6%
Candles	11	0.8%	\$792,700	2.4%
Smoking Materials	76	5.6%	\$407,300	1.3%
Heat Source Other	40	3.0%	\$382,900	1.2%
Matches and Lighters	69	5.1%	\$287,750	0.9%
Chemical or Natural	34	2.5%	\$212,160	0.7%
Heat Spread from Another Fire	42	3.1%	\$135,600	0.4%
Flares, Fuses and Torches	14	1.0%	\$12,500	0.0%
Multiple Heat Sources	7	0.5%	\$1,000	0.0%
Backfire from Engine	3	0.2%	\$0	0.0%
Grand Total	1,348	100.0%	\$32,382,279	100.0%

Tables are sorted by dollar loss and do not include aid given incident reports.

Confined fires are a subset of the structure fire category and do not require the area of origin or heat source to be documented.

Property use not reported for every fire.

Region 9 Incident Reporting Summary

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Ferry	10D03	Ferry #3/Stevens#8	129	0	1	130	\$114,145
	10D13	Ferry/Okanogan #13, Republic	0	0	0	0	\$0
	10D14	Ferry/Okanogan #14	13	0	0	13	\$56,000
Ferry County Total Incidents Reported			142	0	1	143	\$170,145
Lincoln	22D01	Lincoln #1, Sprague	100	0	3	103	\$11,000
	22D03	Lincoln #3, Odessa	27	0	4	31	\$0
	22D04	Lincoln #4, Reardan/Edwall/Long Lake	133	0	22	155	\$11,025
	22D05	Lincoln #5, Davenport	29	0	7	36	\$86,500
	22D06	Lincoln #6, Harrington	0	0	0	0	\$0
	22D07	Lincoln #7, Wilbur/City of Wilbur/City of Creston	23	0	9	32	\$72,500
	22D08	Lincoln #8, Almira	14	0	1	15	\$22,000
	22D09	Lincoln #9, Grand Coulee	0	0	0	0	\$0
	22M01	Almira Fire Department	13	0	1	14	\$180,000
	22M03	Davenport Fire Department	12	0	1	13	\$58,520
	22M05	Odessa Fire Department	2	0	0	2	\$0
	Lincoln County Total Incidents Reported			353	0	48	401
Pend Oreille	26D01	Pend Oreille #1, Elk	0	0	0	0	\$0
	26D02	Pend Oreille #2, Metaline Falls	134	0	2	136	\$120,000
	26D03	Pend Oreille #3, Newport	86	0	4	90	\$222,500
	26D04	Pend Oreille #4, Newport	0	0	0	0	\$0
	26D05	Pend Oreille #5, Cusick	9	0	2	11	\$0
	26D06	Pend Oreille #6, Newport	15	0	1	16	\$3,000
	26D07	Pend Oreille #7, Ferile Valley	13	0	2	15	\$0
	26D08	Pend Oreille #8, Newport	0	0	0	0	\$0
	26M01	Cusick Fire Department	0	0	0	0	\$0
	26M02	Ione Fire Department	0	0	0	0	\$0
	26M03	Metaline Fire Department	0	0	18	18	\$0
	26M04	Metaline Falls Fire Department	4	0	1	5	\$1,000
	26M05	Newport Fire Department	42	0	13	55	\$35,000
	26S01	Kalispel Tribal Public Safety	0	0	0	0	\$0
Pend Oreille County Total Incidents Reported			303	0	43	346	\$381,500

Region 9 Incident Reporting Summary continued on next page.

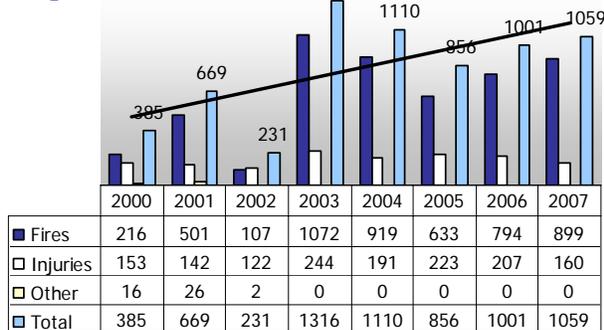
Region 9 Incident Reporting Summary (Continued)

	Fire Department Identification Number	Fire Department Name	Number of Incident Reports	Number of Exposure Reports	Automatic or Mutual Aid Given Reports	Grand Total	Total Property and Content Loss Reported
Spokane	32D01	Spokane #1, Spokane Valley	10,513	0	42	10,555	\$1,624,384
	32D02	Spokane #2, Fairfield	17	0	2	19	\$0
	32D03	Spokane #3, Spokane	1,031	1	181	1,213	\$405,225
	32D04	Spokane #4, Deer Park	1,979	0	18	1,997	\$786,250
	32D05	Spokane #5, Nine Mile Falls	53	0	26	79	\$0
	32D08	Spokane #8, Valleyford	109	0	11	120	\$0
	32D09	Spokane #9, Mead	2,670	4	51	2,725	\$950,765
	32D10	Spokane #10, Airway Heights	988	0	95	1,083	\$246,750
	32D11	Spokane #11, Rockford	49	0	9	58	\$0
	32D12	Spokane #12, Latah/Waverly	16	0	14	30	\$110,000
	32D13	Spokane #13, Newman Lake	79	0	2	81	\$40,000
	32M01	Airway Heights Fire Department	805	0	63	868	\$222,100
	32M02	Cheney Fire Department	1,032	0	67	1,099	\$30,250
	32M06	Medical Lake Fire Department	58	0	481	539	\$100
	32M08	Rockford Fire Department	29	0	0	29	\$0
	32M09	Spangle Fire Department	4	0	0	4	\$0
	32M10	Spokane Fire Department	27,432	0	26	27,458	\$25,382,360
	32S03	Spokane Tribal Volunteer Fire Department	1	0	0	1	\$40,000
	Spokane County Total Incidents Reported			46,865	5	1,088	47,958
Stevens	33D01	Stevens #1, Clayton	357	0	22	379	\$260,500
	33D02	Stevens #2, Hunters	12	0	2	14	\$367,000
	33D04	Stevens #4, Valley	156	0	8	164	\$0
	33D05	Stevens #5, Addy	89	0	0	89	\$284,900
	33D07	Stevens #7, Arden	76	0	56	132	\$139,600
	33D09	Stevens #9, Little Pend Oreille Lakes	7	0	0	7	\$200
	33D10	Stevens #10, Deep Lake	0	0	0	0	\$0
	33D11	Stevens #11, Northport	21	0	0	21	\$0
	33D12	Stevens #12, Rice/Daisy/Gifford	51	0	1	52	\$218,800
	33M01	Chewelah Fire Department	35	0	11	46	\$0
	33M02	Colville/Stevens #3, Colville	0	0	0	0	\$0
	33M03	Kettle Falls Fire Department	59	0	4	63	\$1,158,500
	33M04	Marcus Fire Department	0	0	0	0	\$0
	33M05	Northport Fire Department	4	0	13	17	\$0
	Stevens County Total Incidents Reported			867	0	117	984
Region 9 Total Incidents Reported			48,530	5	1,297	49,832	\$33,260,874

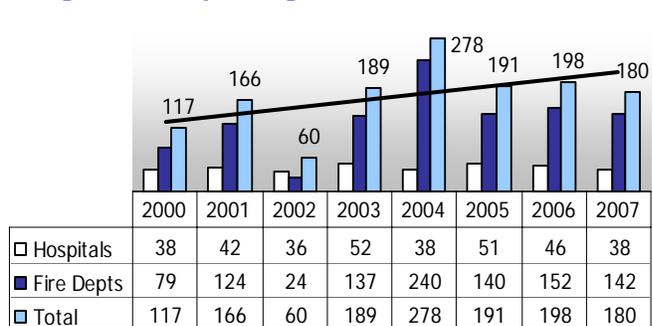
Fireworks Report

There were 1,059 fireworks-related injuries and/or fires reported to the Office of the State Fire Marshal in 2007 by fire departments and hospital emergency rooms. This is a 6% increase from the previous year's total of 1,001. Of the reports received, there were 899 fires and 160 injuries. These incidents resulted in \$21.5 million in property loss. This data was collected on paper reports from individual fire departments and hospitals and is supplemented by the National Fire Incident Reporting System (NFIRS) database. Fireworks-related incidents most often occur on July 4th. This has remained constant over the past eight years.

Eight-Year Trend



Agencies Reporting Incidents



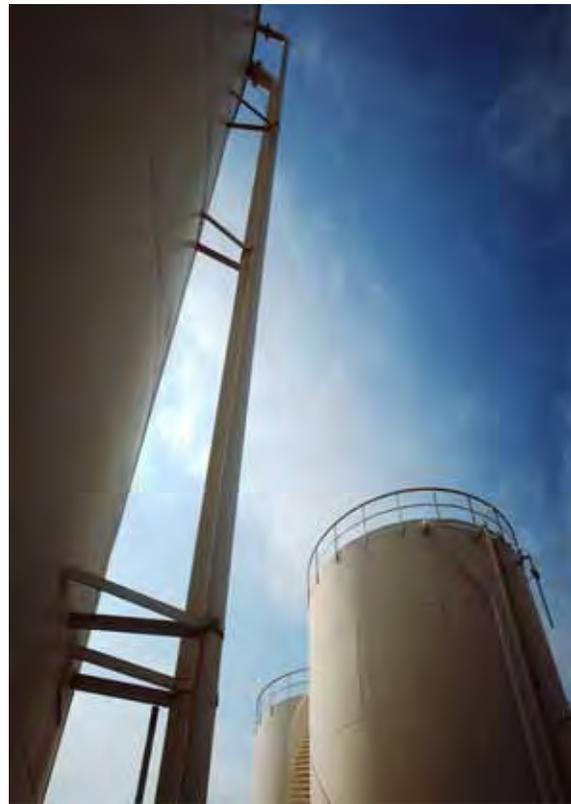
The Cost of Illegal Fireworks

The dollar loss caused by fireworks-related incidents has sharply increased over the past three years. In 2005, the dollar loss from fireworks was \$1.2 million. In 2006, the cost increased to \$9 million, and in 2007 the dollar loss increased to over \$21.5 million.

Of this loss, \$20 million was from a single incident at the Whitley Fuel Depot in Spokane on July 23, 2007. Bottle rockets, illegal in Washington State, are suspected as the source of ignition. A news article stated a witness told fire officials she saw four men shooting bottle rockets from a roof into the fuel depot.

Use of Illegal Fireworks

A recent study determined that people in Washington State are aware of the fireworks law. However, many choose to disregard it by using illegal devices or setting them off in prohibited areas.

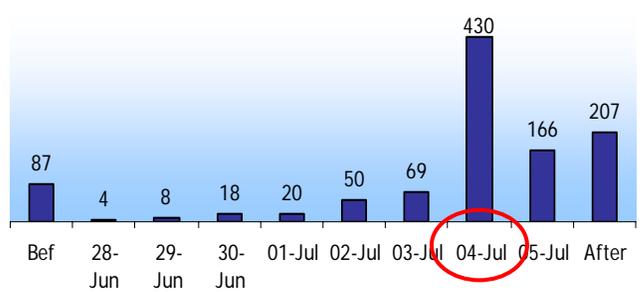


Fireworks Report (Continued)

Reported Dollar Loss from Fires



Incidents by Date

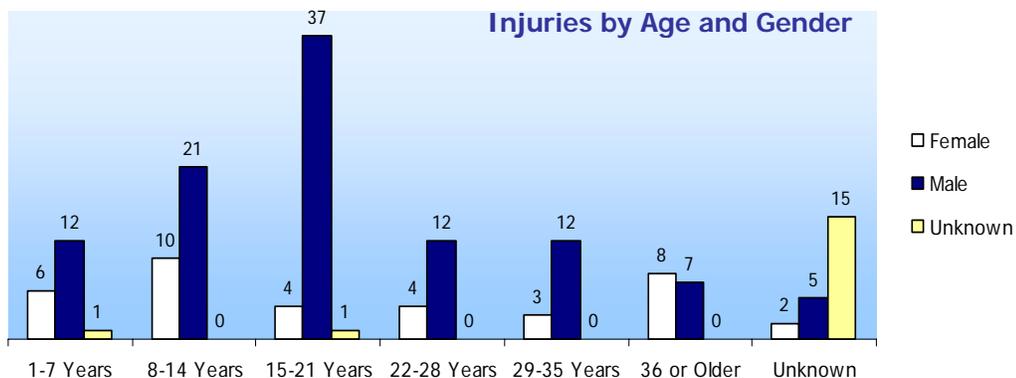


In 2007, fireworks-related fires caused an estimated loss of \$21,519,176. Based on the reports received, illegal fireworks were identified as the cause in 48% of the related fires and 94% of the estimated dollar loss. Legal fireworks were identified in 16% of the reported fires and accounted for 3% of the total loss. The type of fireworks was not identified by the reporting fire department in 63% of the fire incidents (Table #1).

Property Type	Dollar Loss				Number of Fires			
	Illegal	Legal	Unknown	Total	Illegal	Legal	Unknown	Total
Wildland/Vegetation	\$14,251	\$1,825	\$3,200	\$19,276	77	71	282	430
Residential	\$123,700	\$575,000	\$270,100	\$968,800	16	7	28	51
Commercial	\$20,013,750	\$750	\$500,000	\$20,514,500	10	4	24	38
School	\$0	\$100	\$0	\$100	1	1	6	8
Vehicle	\$11,000	\$3,000	\$2,500	\$16,500	8	4	19	31
Unknown/Other	\$0	\$0	\$0	\$0	75	58	208	341
Total	\$20,162,701	\$580,675	\$775,800	\$21,519,176	187	145	567	899

A single commercial fire at the Whitley Fuel Depot caused \$20 million in damages, which accounted for 93% of the total loss for 2007. Residential fires accounted for 5% with a total loss of \$968,800. School fires, wildland fires, and vehicle fires accounted for less than 1% of the total. (Table #1)

Fireworks-related injuries by age and gender show that male youth and young adults are most often injured. There was no adult supervision in 42% of the incidents where supervision was known and children were involved. According to the Centers for Disease Control, children are 11 times more likely to be injured by fireworks if they are unsupervised.



Fireworks Report (Continued)

The type of injury caused most often was burns at 57%. The second leading injury type was trauma at 21%. (Table #2)

Type of Injury					Injury Location				
Type of Injury	Illegal	Legal	Unknown	Total	Place Injured	Illegal	Legal	Unknown	Total
					Arm	2	5	4	11
Amputation	2	1	0	3	Hand	34	19	7	60
First Degree Burn	14	9	6	29	Head or Face	15	16	13	44
Second Degree Burn	15	28	9	52	Leg or Foot	5	4	2	11
Third Degree Burn	5	3	3	11	Multiple Locations	8	3	3	14
Trauma	24	6	4	34	Torso	5	7	3	15
Unknown/Other	11	8	12	31	Unknown			5	5
Total	71	55	34	160	Total	69	54	37	160

Table #3 shows the types of fireworks devices involved in injury incidents. Illegal fireworks were involved in 70 injury incidents, or 43%, and legal fireworks were responsible for 58 incidents, or 34%.

Of the 58 incidents involving legal devices, the leading types were multi-aerials (28%), sparklers (17%), and roman candles (12%).

The leading illegal devices causing injuries include firecrackers (23%), bottle rockets (17%), and public display mortars (19%). In 2007, there were 12 sparkler bomb incidents. One person was airlifted to Harborview after a sparkler bomb went off prematurely. Fire service personnel should be aware that sparkler bombs are illegal explosive devices and should only be handled by a bomb squad.

As shown in Table #4, the leading cause of fireworks-related injuries is "Holding" at 41 incidents, followed by "Leaning" at 15 incidents and "Tampering" with 13 incidents.

Type of Device	Illegal	Legal	Unknown	Total
Altered Fireworks	3	0	0	3
Bottle Rockets	12	0	0	12
Cones and Fountains	0	4	0	4
Firecrackers and Chasers	16	0	0	16
Ground Spinners	1	6	0	7
Helicopters	0	2	0	2
Homemade Explosive Devices	10	0	0	10
M-80's	3	0	0	3
Missiles and Rockets	9	0	0	9
Multi Aerials	2	16	0	18
Novelties	0	8	0	8
Public Display Mortars	13	0	1	14
Roman Candles	0	7	0	7
Smoke Items	0	1	0	1
Sparklers	0	10	0	10
Unknown	1	4	31	36
Grand Total	70	58	32	160

Holding Fireworks	41
Leaning Over	15
Tampering	13
Throwing Fireworks	12
Unsafe Surface	6
Delayed Ignition	5
Other	68
Grand Total	160

Fireworks Report (Continued)

Fires and injuries caused by fireworks are reported by local fire agencies and hospitals on paper forms or through the National Fire Incident Reporting System. The chart below provides a summary of the reports received in 2007 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	1	0	1	1	1	2
Asotin	0	0	0	2	0	2	0	0	2
Benton	11	0	11	1	0	1	2	2	14
Chelan	0	0	0	3	0	3	0	0	3
Clallam	3	0	3	0	0	0	0	0	3
Clark	26	0	26	21	0	21	5	5	52
Columbia	0	0	0	2	0	2	0	0	2
Cowlitz	5	0	5	13	0	13	4	4	22
Douglas	1	0	1	1	0	1	0	0	2
Ferry	0	0	0	1	0	1	0	0	1
Franklin	4	0	4	0	0	0	0	0	4
Grant	4	0	4	5	0	5	6	6	15
Grays Harbor	14	0	14	10	0	10	4	4	28
Island	5	0	5	4	0	4	1	1	10
Jefferson	0	0	0	2	0	2	1	1	3
King	202	3	205	94	2	96	24	24	325
Kitsap	19	0	19	28	1	29	9	9	57
Kittitas	3	0	3	3	0	3	0	0	6
Klickitat	1	0	1	2	0	2	0	0	3
Lewis	2	0	2	4	0	4	9	9	15
Mason	0	0	0	4	0	4	5	5	9
Okanogan	0	0	0	0	0	0	1	1	1
Pacific	3	0	3	0	0	0	0	0	3
Pend Oreille	1	0	1	0	0	0	1	1	2
Pierce	42	1	43	44	1	45	9	9	97
San Juan	0	0	0	1	0	1	0	0	1
Skagit	10	0	10	26	0	26	7	7	43
Skamania	0	0	0	1	0	1	0	0	1
Snohomish	60	2	62	49	2	51	30	30	143
Spokane	25	2	27	17	0	17	3	3	47
Stevens	1	0	1	8	0	8	2	2	11
Thurston	10	0	10	17	1	18	0	0	28
Wahkiakum	0	0	0	1	0	1	0	0	1
Walla Walla	5	0	5	2	0	2	3	3	10
Whatcom	1	0	1	11	1	12	14	14	27
Yakima	24	0	24	39	0	39	3	3	66
Grand Total	482	8	490	417	8	425	144	144	1059

For more information about fireworks safety, public fireworks displays, and the fireworks laws for your area, check the Celebrate Safely website at <http://www.wsp.wa.gov/fireworks/default.htm>.

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