

# FIRES IN WASHINGTON

2010-2014

*A National Fire Incident Reporting Data Annual Report*



PREPARED BY:  
WASHINGTON FIRE CHIEFS



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WSRB is proud to sponsor the Washington Fire Chiefs and the National Fire Incident Report System (NFIRS), the world's largest, national, annual collection of incident information. It has certainly been a great investment in the future of fire prevention.

We firmly believe that innovative systems like NFIRS help our society to improve and excel. As our data grows, NFIRS continues to give the fire service the important information they need to make informed decisions; and it is these informed decisions that lead to improved fire protection. This is a common goal of WSRB and the fire service, making us perfect allies to work toward improved efficiency and, ultimately, saved lives and property.

It is for this reason that we are so pleased with the data that NFIRS has collected, and the involvement of every participating fire department. In the United States, we currently have over 23,000 fire departments that are contributing to the NFIRS database. To all of these participants: thank you! You are not just contributing toward data collection, you are contributing towards a better, safer and more reliable future for your industry and the communities it serves.

WSRB actively encourages all fire departments we work with to report fires to NFIRS—and we will continue to encourage them to keep reporting long into the future. Together we can advance fire protection.

Thank you,

A handwritten signature in black ink that reads "Robert Ferrell". The signature is written in a cursive, slightly slanted style.

Robert Ferrell  
Fire Protection Systems & Services Manager  
Washington Surveying & Rating Bureau



Since 2011, the Washington Fire Chiefs have been serving as your NFIRS Washington State Program Manager. We see high value in this program and are invested in seeing its continued success. To see this program reach its peak potential we will need your help.

This program relies on the data the fire service provides. Each incident report you submit makes our data that much stronger. With this data we can show conclusive proof of systems that work and systems that are failing. We can prove the benefits of Residential Fire Sprinklers, and know which areas we need to focus on most for the future.

*Without your fire agency, none of this can happen.*

We hope that over the next year we can assist your fire agency in strengthening your reports. The WFC recommends uploading your data at least quarterly. If you need assistance with this process, our office is here to help!

We are actively looking for ways we can make this program more effective and we expect to see great things over the next couple of years. Thank you for helping us make this program even stronger!

If you need NFIRS Assistance Contact:

360-352-0161

Or email: [wfc@washingtonfirechiefs.org](mailto:wfc@washingtonfirechiefs.org)

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

Wayne Senter  
Executive Director  
Washington Fire Chiefs

## **Preface**

Revised Code Washington 43.44.060 requires fire incidents to be reported to the State Fire Marshal in accordance with the National Fire Incident Reporting System (NFIRS). NFIRS is an all-incident reporting system that captures the full range of incident activity. Many agencies document and report all incidents, while some agencies only report fires as stated in the statute.

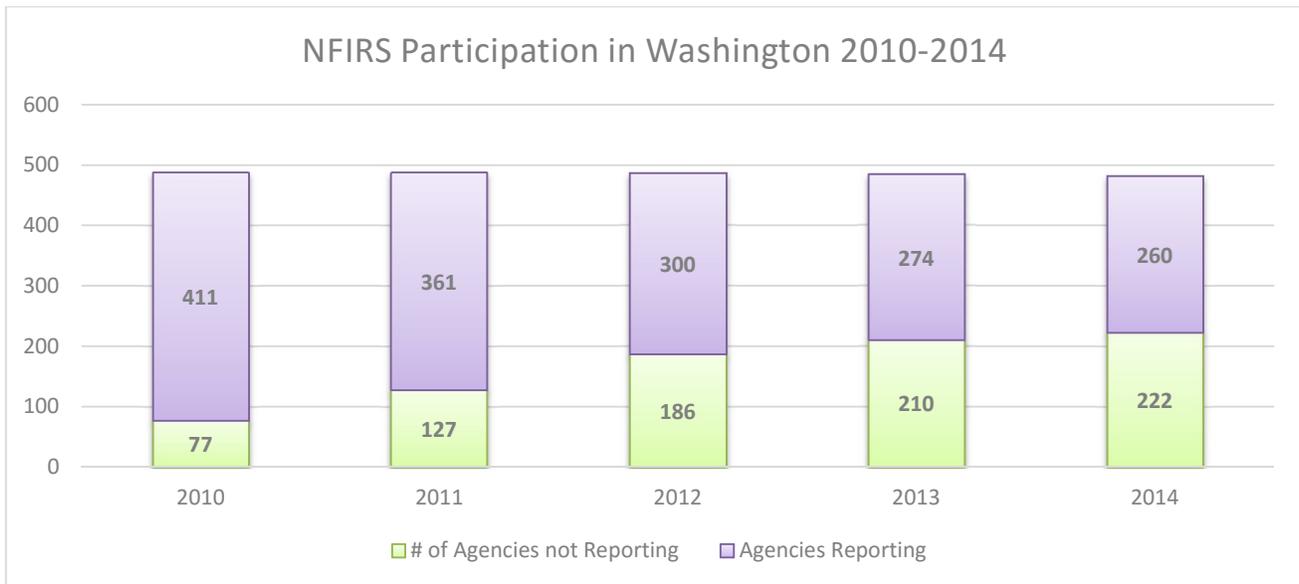
In 2011 the NFIRS program funding of nearly \$400,000 per year/biennium was eliminated from the Washington SFMO. A state agency is not required to manage a program when no funding is provided. Rather than allowing the program to languish, the Washington Fire Chiefs assumed the program with no on-going funding. The emphasis for the last four years has been to sustain this program until funding can be fully restored.

This report provides an overview of all incident categories reported, with fire information for 2010-2014. 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 Washington Fire Chiefs maintains the statewide NFIRS database, hosted by the FEMA national NFIRS database. This program is an all-incident reporting system that enables every fire agency to document incidents electronically in a uniform format. In Washington, some agencies report only fires, while the majority of the agencies report all incident activity. The Washington Fire Chiefs recommends that fire agencies report incidents no less than once a quarter.

The chart below provides the number of agencies that submitted data for inclusion in the published *Fire in Washington Annual Report*. Participation has decreased in the past 5 years. We will continue to seek funding to fully restore this important program and ensure a greater level of participation.



	2010	2011	2012	2013	2014
<b>% Of Reporting</b>	84%	74%	61%	56%	53%
<b>Total Agencies</b>	488	488	488	488	488
<b># of Agencies not Reporting</b>	77	127	188	214	228
<b>Agencies Reporting</b>	411	361	300	274	260

## Incident Overview

In Washington State, fire agencies are required to report fire incidents to the National Fire Incident Reporting System. Rescue and EMS was the leading incident count category reported, representing an average of 396,190 incidents each year. This figure is based only on NFIRS data. There was an average of 35,169 Alarm & False calls each year. This category included all malicious or mischievous alarms, as well as, fire protection system malfunctions and unintentional false fire protection activations. There was an average of 551,184 incidents reported each year, resulting in an average of \$179,073,596 in damage to property and contents.

### 2010-2014 Incident Type Category Summary (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Totals
<b>Fire (Code 100-199)</b>						
# of incidents	19,716	19,188	16,461	15,704	16,299	87,368
Civilian Deaths	43	50	38	29	20	180
Civilian Injuries	268	219	176	175	147	985
Firefighter Deaths	2	0	0	0	0	2
Firefighter Injuries	119	103	126	118	108	574
Dollar Loss	\$212,569,531	\$154,192,968	\$163,722,859	\$126,372,250	\$214,681,463	\$871,539,071
<b>Rescue &amp; EMS (Code 300-399)</b>						
# of incidents	442,373	410,914	383,623	369,938	374,102	1,980,950
Civilian Deaths	8	12	13	3	6	42
Civilian Injuries	57	52	119	9	12	249
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	131	113	152	186	168	750
Dollar Loss	\$2,492,370	\$1,160,932	\$5,064,526	\$735,850	\$632,417	\$10,086,095
<b>Overpressure, Rupture, Explosion, Overheat (no fire) (Code 200-299)</b>						
# of incidents	1189	1252	1063	1069	1090	5,663
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	0	0	1	0	0	1
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	0	0	0	0	0	0
Dollar Loss	\$5,075,414	\$141,063	\$132,320	\$127,935	\$233,755	\$5,710,487
<b>Service Call (Code 500-599)</b>						
# of incidents	40,751	38,358	34,622	33,613	35,238	182,582
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	1	0	0	0	0	1
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	8	8	11	7	7	41
Dollar Loss	\$715,000	\$319,108	\$790,185	\$576,108	\$367,600	\$2,768,001
<b>False Alarm &amp; False Call (Code 700-799)</b>						
# of incidents	40,293	35,367	32,386	34,060	33,737	175,843
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	0	0	0	0	0	0
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	4	2	2	7	2	17
Dollar Loss	\$281,947	\$306,650	\$484,120	\$642,420	\$264,025	\$1,979,162

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$639,462,003)
2. Forest, Woods & Wildland Fires (\$123,300,935)
3. Passenger Vehicle Fire (\$26,482,734)
4. Fire, other (\$20,972,528)
5. Road Freight or Transport Vehicle Fire (\$8,909,064)

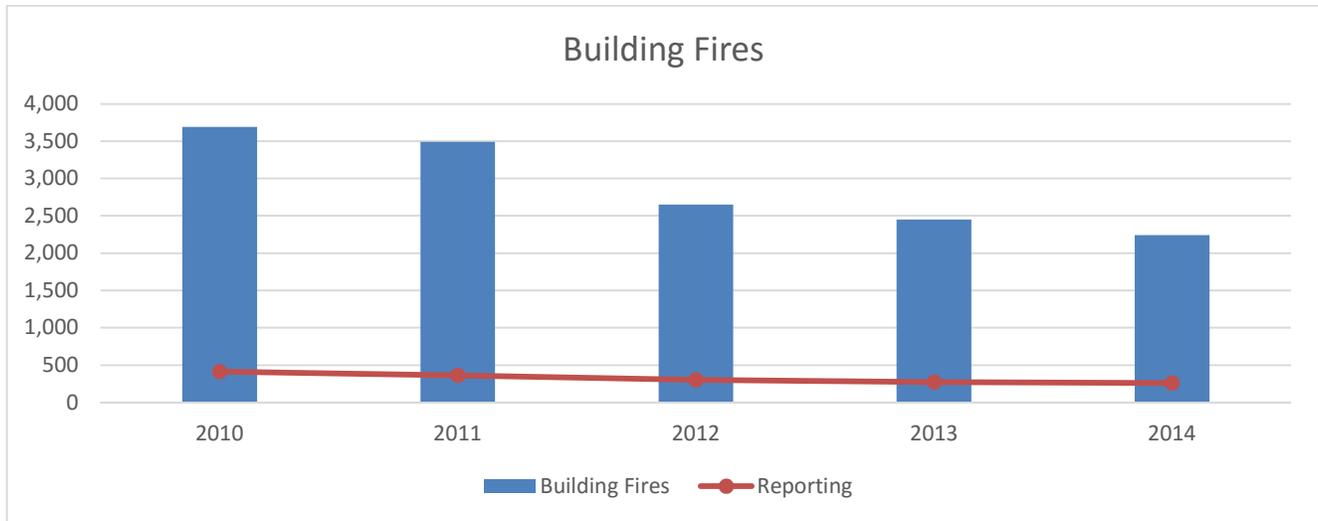
## Top 5 Incident Types (Ranked by number of incidents)

1. EMS Calls (excluding vehicle accident with injury) (1,625,152)
2. Dispatched & canceled in route (135,394)
3. Medical assist, assist EMS crew (112,981)
4. Rescue, emergency medical call (EMS) call, other (85,867)
5. Vehicle accident with injuries (81,451)

2010-2014 Incident Type Category Summary <i>Continued</i>						
Description	2010	2011	2012	2013	2014	Totals
<b>Hazardous Conditions (no fire) (Code 400-499)</b>						
# of incidents	11876	9566	11733	8792	9520	51,487
Civilian Deaths	0	0	0	1	0	1
Civilian Injuries	1	2	0	0	0	3
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	3	3	5	4	10	25
Dollar Loss	\$573,505	\$301,809	\$276,539	\$184,706	\$532,377	\$1,868,936
<b>Special Incident Type (Code 900-999)</b>						
# of incidents	6,560	5,990	4,202	3,810	3,841	24,403
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	0	0	0	0	0	0
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	2	3	1	2	2	10
Dollar Loss	\$283,500	\$154,350	\$182,900	\$500	\$0	\$621,250
<b>Good Intent Call (Code 600-699)</b>						
# of incidents	51,045	49,132	47,814	47,298	49,395	244,684
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	0	0	0	1	0	1
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	2	0	2	9	3	16
Dollar Loss	\$37,820	\$144,890	\$7,250	\$81,451	\$139,517	\$410,928
<b>Severe Weather &amp; Natural Disaster (Code 800-899)</b>						
# of incidents	945	283	753	451	508	2,940
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	0	0	0	0	0	0
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	0	0	0	0	0	0
Dollar Loss	\$7,350	\$18,000	\$97,200	\$176,500	\$85,000	\$384,050
<b>Yearly Totals</b>						
# of incidents	614,748	570,050	532,657	514,735	523,730	2,755,920
Civilian Deaths	51	62	51	33	26	223
Civilian Injuries	327	273	296	185	159	1,240
Firefighter Deaths	2	0	0	0	0	2
Firefighter Injuries	269	232	299	333	300	1,433
Dollar Loss	\$222,036,437	\$156,739,770	\$170,757,899	\$128,897,720	\$216,936,154	\$895,367,980

## Fire History

In the past five years, fire service agencies have reported 87,368 fire incidents. In these fires, 182 people lost their lives (including two firefighter deaths) and more than \$871,000,000 of property and content were lost.



Over the past five years, **building fires** were the most frequent type of fire incident type reported. Building fires accounted for an average of 2,974 incidents a year, 17.02% of the fires over the past five years. The damage these fires caused was more than \$639,000,000. The graph above shows the building fires in relation to the overall number of reporting agencies, which can account for a small amount of the decrease.

**Passenger Vehicle Fires** were the second most frequent type of fire reported over the past five years, accounting for 11.60% of the five year total.

**Brush & Grass Fires** accounted for 11.57% of the five year totals and came in a close third in overall fire incident types. These fires resulted in \$4,118,843 in damage over the past five years.

**Cooking Fires** resulted in 6483 incidents over the 5 year span, accounting for 7.42% of the total.

**Outside rubbish trash & waste fires** resulted in 6237 incidents accounting for 7.14% of the total number of fire incidents. This caused \$162,599 worth of damage over the past 5 years.

### Top 5 Fire Incident Types *(ranked by number of incidents)*

1. Building Fires (14,870 Incidents)
2. Passenger Vehicle Fires (10,136 Incidents)
3. Brush, or brush and grass mixture fire (10,105 Incidents)
4. Cooking fire, confined to container (6,483 Incidents)
5. Outside rubbish, trash or waste fire (6,237 Incidents)

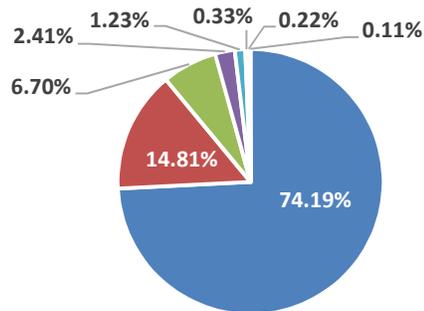
## 2010 – 2014 Fire Incident Type by Category (sorted by dollar loss)

### Top 5 Fire Incident Types *(ranked by dollar loss)*

1. Building Fires (\$639,462,003)
2. Forest, Woods & Woodland Fires (\$123,300,935)
3. Passenger Vehicle Fires (\$26,482,734)
4. Fire, Other (\$20,972,528)
5. Road Freight or Transport Vehicle (\$8,909,06)

Description	2010	2011	2012	2013	2014	Totals
<b>Structure Fires (Including confined fires) (Code 120-129)</b>						
# of incidents	6,662	6,674	5,381	5,094	4,830	28,641
Dollar Loss	\$174,054,355	\$131,468,215	\$130,543,803	\$111,439,603	\$99,056,388	\$646,562,364
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	4,139	4,618	4,068	3,970	4,536	21,331
Dollar Loss	\$18,831,737	\$640,727	\$7,482,221	\$573,512	\$101,551,712	\$129,079,909
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	3474	2882	2474	2319	2335	13,484
Dollar Loss	\$15,815,249	\$11,005,974	\$9,965,733	\$10,431,734	\$11,200,817	\$58,419,507
<b>Fire, other (Code 100)</b>						
# of incidents	1,067	1,018	939	899	974	4,897
Dollar Loss	\$550,224	\$6,883,281	\$12,387,417	\$621,585	\$530,021	\$20,972,528
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	249	246	210	190	180	1,075
Dollar Loss	\$2,597,874	\$3,187,800	\$2,016,110	\$1,629,107	\$1,276,737	\$10,707,628
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	1023	944	819	832	838	4,456
Dollar Loss	\$265,259	\$621,631	\$414,990	\$1,359,650	\$228,119	\$2,889,649
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	158	114	81	78	100	531
Dollar Loss	\$299,650	\$296,060	\$672,690	\$174,540	\$503,160	\$1,946,100
<b>Outside Rubbish Fires (Code 150-159)</b>						
# of incidents	2944	2692	2489	2322	2506	12,953
Dollar Loss	\$155,183	\$89,280	\$239,895	\$142,519	\$334,509	\$961,386
<b>Yearly Totals</b>						
# of incidents	19,716	19,188	16,461	15,704	16,299	87,368
Dollar Loss	\$212,569,531	\$154,192,968	\$163,722,859	\$126,372,250	\$214,681,463	\$871,539,071

### Fire Incident Type by Category (sorted by dollar loss) 2010-2014



- Structure Fires (Including confined fires) (Code 120-129)
- Natural Vegetation Fires (Code 140-149)
- Vehicle Fires (Code 130-139)
- Fire, other (Code 100)
- Fixed Mobile Property Fires (Code 120-129)
- Outside Storage & Equipment Fires (Code 160-169)
- Cultivated Vegetation Fires (Code 170-179)
- Outside Rubbish Fires (Code 150-159)

## Fires by Heat Source

The table below provides a five-year overview of the heat source information reported in the Fire Module only. Confined fires which do not require a Fire Module to be completed and heat sources reported through the optional Wildland Module are not included in the analysis.

### 2010– 2014 Heat Source Categories (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Totals
<b>Multiple Heat Sources</b>						
# of incidents	58	44	36	28	24	190
Dollar loss	\$632354	\$59650	\$869970	\$113101	\$53302	\$1728377
<b>Chemical, Natural Heat Source</b>						
# of incidents	203	189	227	221	215	1055
Dollar loss	\$2228818	\$3153254	\$762143	\$1054375	\$1466212	\$8664802
<b>Explosives, Fireworks</b>						
# of incidents	360	441	302	379	455	1937
Dollar loss	\$4258517	\$3009895	\$851160	\$1095600	\$1509643	\$10724815
<b>Heat source: other</b>						
# of incidents	705	645	554	584	553	3041
Dollar loss	\$5,629,350	\$5,875,940	\$3,234,831	\$2,764,010	\$1,709,352	\$19,213,483
<b>Heat Spread from Another Fire</b>						
# of incidents	420	506	429	394	400	2149
Dollar loss	\$13,706,316	\$4,458,288	\$2,909,320	\$4,730,343	\$2,784,457	\$28,588,724
<b>Other Open Flame or Smoking Material</b>						
# of incidents	1870	1836	1763	1674	1676	8819
Dollar loss	\$17,609,554	\$10,022,469	\$12,941,151	\$11,286,970	\$9,519,355	\$61,379,499
<b>Hot or Smoldering Object</b>						
# of incidents	1632	1661	1414	1338	1257	7302
Dollar loss	\$16,825,858	\$20,692,252	\$26,247,900	\$8,421,575	\$8,366,636	\$80,554,221
<b>Operating Equipment</b>						
# of incidents	4,154	3,821	2,780	2,558	2,453	15,766
Dollar loss	\$47,414,285	\$40,347,954	\$25,046,064	\$26,862,827	\$28,292,415	\$167,963,545
<b>Undetermined</b>						
# of incidents	4,887	4,770	4,403	4,107	4,560	22727
Dollar loss	\$95,117,701	\$65,728,306	\$80,326,981	\$69,394,924	\$57,044,450	\$367,612,362
<b>Yearly Totals</b>						
# of incidents	14,289	13,913	11,908	11,283	11,593	62,986
Dollar loss	\$203,422,753	\$153,348,008	\$153,189,520	\$125,723,725	\$110,745,822	\$746,429,828

### Top 5 Heat Sources (ranked by dollar loss)

1. Undetermined
2. Multiple heat sources including multiple ignitions
3. Conducted heat from another fire
4. Flying brand, ember, spark
5. Radiated heat from another fire



## 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 National Fire Incident Reporting System 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 in the Fire Module only. Property use was not taken into consideration in this analysis.

### 2010– 2014 Area of Origin Categories (sorted by dollar loss)

#### Top 5 Areas of Origin

(ranked by dollar loss)

1. Undetermined
2. Cooking Area (Kitchen)
3. Bedroom (Greater than 5 Persons, included are jails or prisons)
4. Vehicle Storage Area (Carport or Garage)
5. Common Room (Den, Family Room, Living Room, Lounge)



Description	2010	2011	2012	2013	2014	Totals
<b>Function Areas</b>						
# of incidents	2601	2626	1998	1695	1464	10384
Dollar Loss	\$44,796,352	\$44,988,142	\$34,136,462	\$30,296,126	\$23,783,714	\$178,000,796
<b>Undetermined</b>						
# of incidents	1,197	1,101	962	869	1,003	5132
Dollar Loss	\$34,707,496	\$19,501,156	\$40,434,446	\$15,503,164	\$16,507,020	\$126,653,282
<b>Structural Areas</b>						
# of incidents	1000	949	719	727	658	4053
Dollar Loss	\$29,141,013	\$24,659,185	\$18,140,507	\$16,225,129	\$25,336,735	\$113,502,569
<b>Storage Areas</b>						
# of incidents	673	602	505	489	497	2766
Dollar Loss	\$23,784,113	\$18,549,317	\$19,433,083	\$15,409,028	\$12,673,447	\$89,848,988
<b>Outside Areas</b>						
# of incidents	4,185	4,454	4,482	4,202	4,829	22152
Dollar Loss	\$20,229,287	\$12,801,969	\$6,639,633	\$22,357,438	\$10,735,086	\$72,763,413
<b>Transportation, Vehicle Areas</b>						
# of incidents	3099	2586	2192	2091	2038	12006
Dollar Loss	\$16,057,809	\$10,561,288	\$7,636,857	\$10,053,038	\$9,589,131	\$53,898,123
<b>Assembly or Sales Area</b>						
# of incidents	279	285	223	216	179	1182
Dollar Loss	\$15,128,393	\$12,307,865	\$9,003,915	\$8,468,912	\$5,833,846	\$50,742,931
<b>Means of Egress</b>						
# of incidents	774	778	638	638	603	3431
Dollar Loss	\$11,594,934	\$2,462,654	\$2,912,146	\$3,071,898	\$2,989,061	\$23,030,693
<b>Technical Processing Area</b>						
# of incidents	45	43	39	32	31	190
Dollar Loss	\$1,365,536	\$1,661,330	\$14,269,081	\$339,850	\$262,161	\$17,897,958
<b>Service or Equipment Areas</b>						
# of incidents	238	276	175	192	163	1044
Dollar Loss	\$3,223,544	\$5,646,305	\$2,879,100	\$3,456,463	\$2,519,971	\$17,725,383
<b>Service Areas</b>						
# of incidents	192	205	168	126	120	811
Dollar Loss	\$3,189,026	\$208,652	\$793,234	\$420,279	\$501,600	\$5,112,791
<b>Yearly Totals</b>						
# of incidents	14,283	13,905	12,101	11,277	11,585	63,151
Dollar Loss	\$203,217,503	\$153,347,863	\$156,278,464	\$125,601,325	\$110,731,772	\$749,176,927

## Structure Fires

Structure fires cost an average of \$176 Million a year. Residential fires account for just under 42% of all of fires in Washington and 54% of the dollar loss from fires. The next largest dollar loss only accounts for 13% of the overall dollar loss.

### Fires by Property Use

Description	2010	2011	2012	2013	2014	Total
<b>Residential (Code 400-499)</b>						
# of incidents	8328	8181	6886	6739	6722	36856
Dollar Loss	\$116,247,986	\$99,238,939	\$86,770,574	\$93,769,408	\$81,332,329	\$477,359,236
<b>Utility, Defense, Agriculture &amp; Mining (Code 600-699)</b>						
# of incidents	383	321	275	282	306	1567
Dollar Loss	\$1,523,081	\$2,456,676	\$7,237,613	\$4,438,155	\$101,245,100	\$116,900,625
<b>Storage (Code 800-899)</b>						
# of incidents	539	507	414	421	411	2292
Dollar Loss	\$28,531,442	\$16,160,537	\$10,999,869	\$8,035,722	\$8,583,456	\$72,311,026
<b>Outside or Special Property (Code 900-999)</b>						
# of incidents	7653	7386	6607	6395	6720	34761
Dollar Loss	\$19,852,688	\$9,462,843	\$7,488,372	\$8,714,651	\$10,794,584	\$56,313,138
<b>Manufacturing (Code 700-799)</b>						
# of incidents	185	159	143	166	134	787
Dollar Loss	\$5,835,692	\$3,428,424	\$39,945,065	\$2,782,877	\$3,867,613	\$55,859,671
<b>Mercantile &amp; Business (Code 500-599)</b>						
# of incidents	719	690	636	543	646	3234
Dollar Loss	\$18,259,887	\$11,291,258	\$6,031,288	\$6,104,111	\$4,444,116	\$46,130,660
<b>Assembly (Code 100-199)</b>						
# of incidents	439	505	429	389	344	2106
Dollar Loss	\$9,189,591	\$5,313,667	\$3,357,169	\$4,145,011	\$5,723,633	\$27,729,071
<b>Property Use, other (Code 100)</b>						
# of incidents	328	266	278	198	214	1284
Dollar Loss	\$9,184,132	\$1,231,542	\$713,347	\$505,502	\$716,650	\$12,351,173
<b>Health Care, Detention &amp; Correction (Code 300-399)</b>						
# of incidents	156	128	113	121	98	616
Dollar Loss	\$2,620,018	\$3,216,643	\$73,900	\$627,312	\$217,805	\$6,755,678
<b>Educational (Code 200-299)</b>						
# of incidents	232	302	253	215	214	1216
Dollar Loss	\$632,379	\$1,591,333	\$3,315,441	\$687,014	\$487,866	\$6,714,033
<b>None</b>						
# of incidents	155	87	70	58	95	465
Dollar Loss	\$242,960	\$765,350	\$57,650	\$55,571	\$161,302	\$1,282,833
<b>Undetermined</b>						
# of incidents	595	651	678	621	626	3171
Dollar Loss	\$449,675	\$35,756	\$152,821	\$57,069	\$41,449	\$736,770
<b>Yearly Total</b>						
# of incidents	19712	19183	16782	16148	16530	88355
Dollar Loss	\$212,569,531	\$154,192,968	\$166,143,109	\$129,922,403	\$217,615,903	\$880,443,914

### Top 5 Fires by Property Use

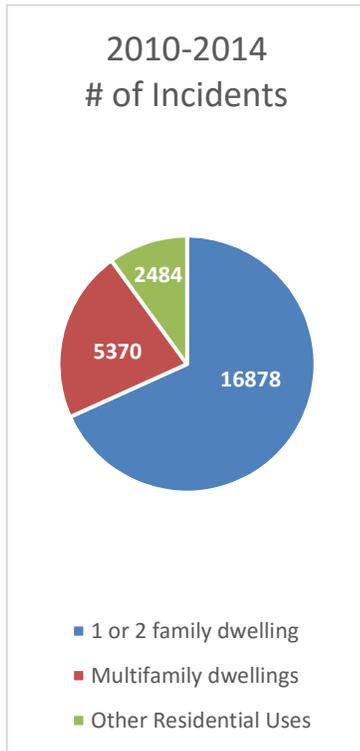
(ranked by dollar loss)

1. 1 or 2 Family Dwellings (Code 419)
2. Multifamily Dwellings (Code 429)
3. Forest, Timberland, & Woodland (Code 669)
4. Manufacturing & Processing (Code 700)
5. Warehouse (Code 891)

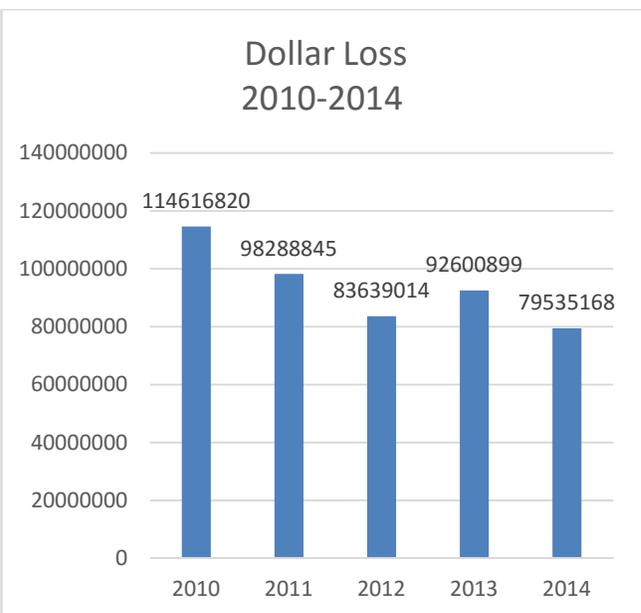
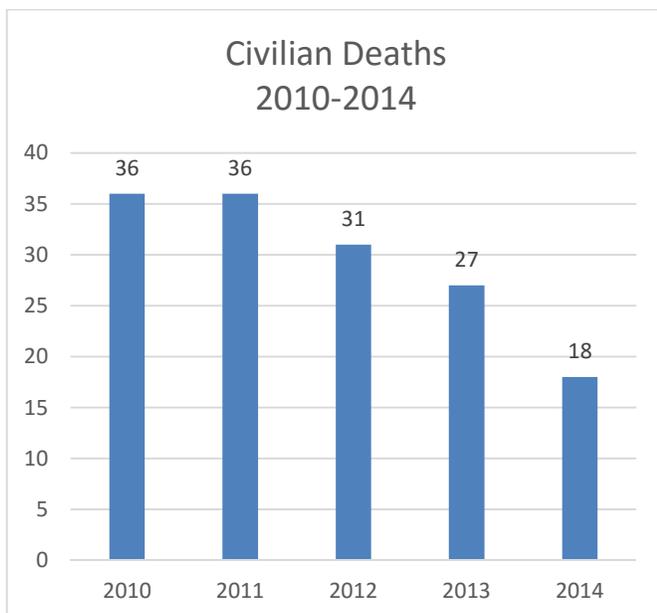


## Residential Structure Fires

Fires at residential properties are a significant problem in terms of the impact on lives and property. There were 110 civilians lives lost in 1 or 2 family dwellings (Code 419) in the past five years. As categorized by NFIRS, residential properties include one- and two-family dwellings, multi-family dwellings, board and care facilities, hotel/motel, college housing, barracks, and dormitories.



Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling (Code 419)</b>						
# of Incidents	3,969	3,940	3,129	3,031	2,809	16878
Civilian Deaths	25	30	23	18	14	110
Firefighter Deaths	0	0	0	0	0	0
Dollar Loss	\$91,508,283	\$79,137,160	\$61,672,121	\$59,233,401	\$53,478,755	\$345,029,720
<b>Multifamily dwellings (Code 429)</b>						
# of Incidents	1,177	1,181	1,058	988	966	5370
Civilian Deaths	9	6	8	7	2	32
Firefighter Deaths	0	0	0	0	0	0
Dollar Loss	\$19,642,661	\$15,588,149	\$17,560,576	\$31,161,421	\$24,525,776	\$108,478,583
<b>Other Residential Uses (Code 400, 439, 449, 459, 460, 462, 464 )</b>						
# of Incidents	322	307	248	255	235	2484
Civilian Deaths	2	0	0	2	2	6
Firefighter Deaths	0	0	0	0	0	0
Dollar Loss	3465876	3563536	4406317	2206077	1530637	\$15,172,443
<b>Yearly Totals</b>						
# of Incidents	5,468	5,428	4,435	4,274	4,010	24,732
Civilian Deaths	36	36	31	27	18	148
Firefighter Deaths	0	0	0	0	0	0
Dollar Loss	\$114,616,820	\$98,288,845	\$83,639,014	\$92,600,899	\$79,535,168	\$468,680,746



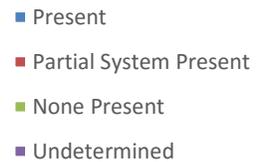
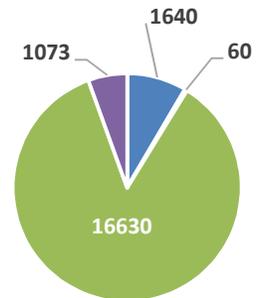
## Automatic Extinguishing Systems

Automatic Extinguishing Systems (AES) include any system designed to provide fire control and/or life safety. The information below provides insight into the effectiveness of the AES when the fire agency reported the system to be present or partially present.

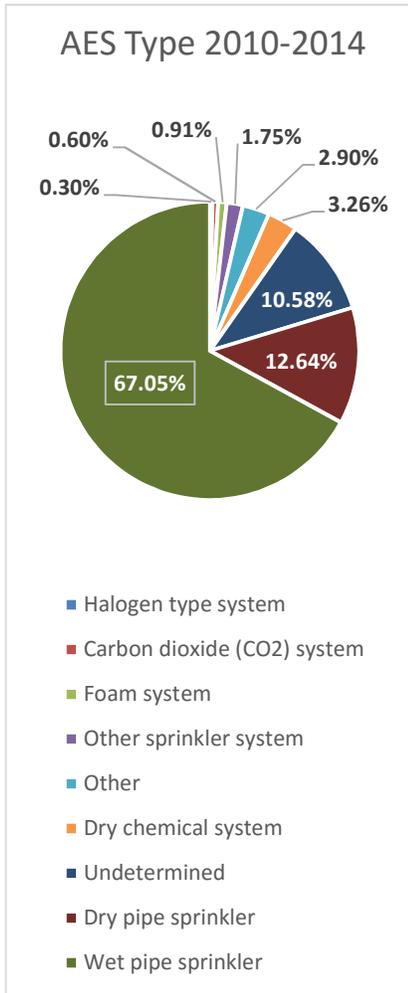
### 2010– 2014 AES Presence (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>None Present</b>						
# of incidents	4,508	4,042	3,024	2,710	2,363	16,647
Civilian Deaths	34	36	25	25	18	138
Civilian Injuries	208	175	123	120	104	730
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	78	74	81	80	60	373
Dollar Loss	\$146,455,961	\$116,547,197	\$119,299,434	\$87,125,507	\$88,378,025	\$557,806,124
<b>Undetermined</b>						
# of incidents	335	256	163	155	164	1,073
Civilian Deaths	3	3	4	1	1	12
Civilian Injuries	4	3	0	4	1	12
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	1	7	4	0	4	16
Dollar Loss	\$21,130,741	\$7,393,552	\$4,263,025	\$3,855,464	\$3,002,678	\$39,645,460
<b>Present</b>						
# of incidents	407	416	335	281	206	1,645
Civilian Deaths	0	0	0	0	0	0
Civilian Injuries	12	10	11	10	8	51
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	2	3	3	7	0	15
Dollar Loss	\$6,399,992	\$9,783,049	\$7,399,015	\$8,396,737	\$5,863,072	\$37,841,865
<b>Partial System Present</b>						
# of incidents	23	12	6	10	9	60
Civilian Deaths	0	0	1	0	0	1
Civilian Injuries	0	0	0	0	0	0
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	0	0	0	1	0	1
Dollar Loss	\$695,451	\$115,500	\$1,139,600	\$13,398,000	\$423,391	\$15,771,942
<b>Yearly Totals</b>						
# of incidents	5,273	4,726	3,528	3,156	2,742	19,425
Civilian Deaths	37	39	30	26	19	151
Civilian Injuries	224	188	134	134	113	793
Firefighter Deaths	0	0	0	0	0	0
Firefighter Injuries	81	84	88	88	64	405
Dollar Loss	\$174,682,145	\$133,839,298	\$132,101,074	\$112,775,708	\$97,667,166	\$651,065,391

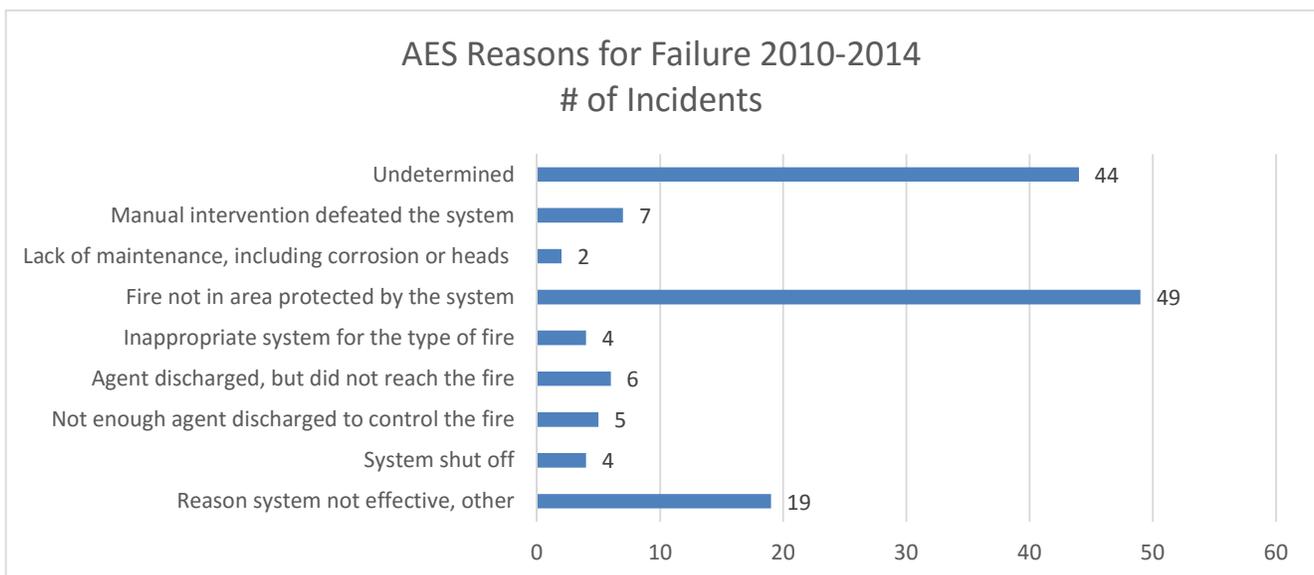
AES Presence  
2010-2014



## AES Failure (sorted by dollar loss)



Description	2010	2011	2012	2013	2014	Total
<b>Reason system not effective, other</b>						
# of incidents	6	1	7	3	2	19
Dollar Loss	\$15,900	\$500,000	\$3,042,200	\$13,000,000	\$0	\$16,558,100
<b>Fire not in area protected by the system</b>						
# of incidents	13	11	11	10	4	49
Dollar Loss	\$1,019,955	\$54,600	\$1,121,600	\$1,174,500	\$1,595,000	\$4,965,655
<b>Agent discharged, but did not reach the fire</b>						
# of incidents	1	3	0	0	2	6
Dollar Loss	\$5,500	\$851,442	\$0	\$0	\$100,000	\$956,942
<b>System shut off</b>						
# of incidents	0	2	1	0	1	4
Dollar Loss	\$0	\$700,000	\$0	\$0	\$0	\$700,000
<b>Inappropriate system for the type of fire</b>						
# of incidents	2	1	1	0	0	4
Dollar Loss	\$0	\$0	\$80,000	\$0	\$0	\$80,000
<b>Not enough agent discharged to control the fire</b>						
# of incidents	2	1	1	1	0	5
Dollar Loss	\$0	\$0	\$42,000	\$0	\$0	\$42,000
<b>Manual intervention defeated the system</b>						
# of incidents	1	1	3	2	0	7
Dollar Loss	0	0	10,000	6,500	0	16500
<b>Lack of maintenance, including corrosion or heads</b>						
# of incidents	1	0	0	1	0	2
Dollar Loss	\$8,500	\$0	\$0	\$1,000	\$0	\$9,500
<b>Yearly Totals</b>						
# of incidents	26	20	24	17	9	96
Dollar Loss	\$1,049,855	\$2,106,042	\$4,295,800	\$14,182,000	\$1,695,000	\$23,328,697

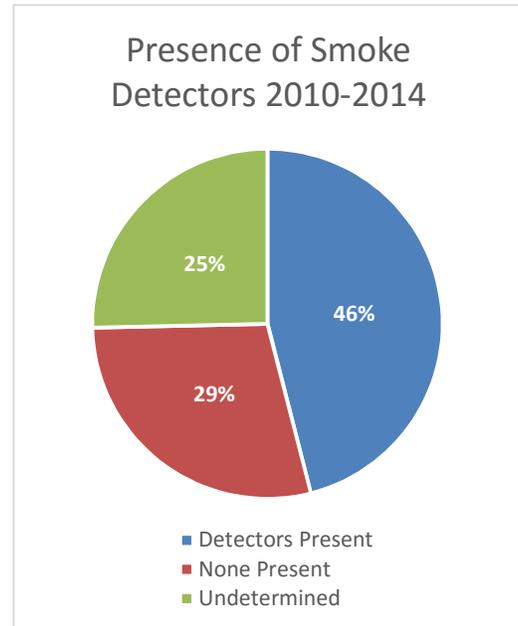


## Fire Protection Devices

Fire protection devices – such as smoke alarms and fire sprinklers – play a key role in reducing the loss of life in fires. Smoke alarms are designed to detect smoke and provide early notification to building occupants. Fire sprinklers provide early fire suppression efforts and protect occupants, particularly disabled or impaired individuals.

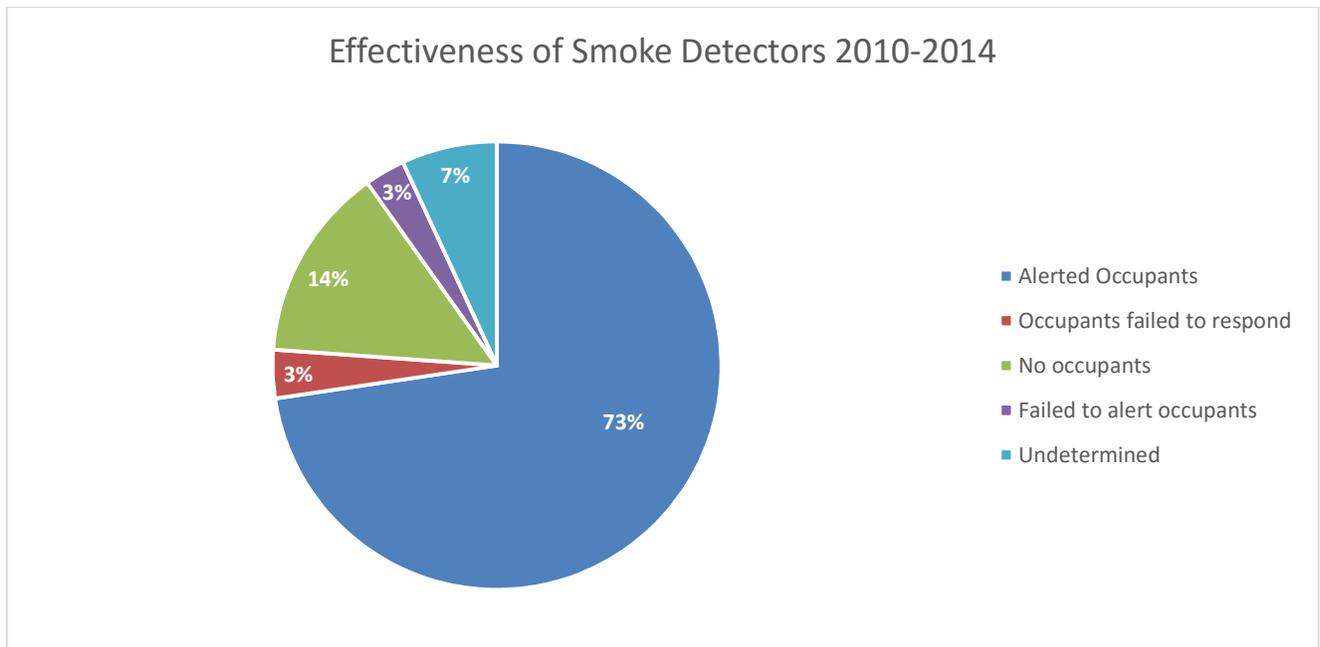
### Presence of Smoke Detectors 2010-2014

Description	2010	2011	2012	2013	2014	Total
Detectors Present	2,490	2,239	1,641	1,480	1,200	9050
None Present	1,504	1,346	1,055	882	846	5633
Undetermined	1,278	1,137	887	909	779	4990
<b>Yearly Totals</b>	<b>5272</b>	<b>4722</b>	<b>3583</b>	<b>3271</b>	<b>2825</b>	<b>19673</b>



### Effectiveness of Smoke Detectors 2010-2014

Description	2010	2011	2012	2013	2014	Total
Alerted Occupants	1,091	1,029	693	610	475	3,898
Occupants failed to respond	51	45	35	29	27	187
No occupants	188	182	136	141	106	753
Failed to alert occupants	41	41	33	24	18	157
Undetermined	81	84	77	74	54	370
<b>Yearly Totals</b>	<b>1452</b>	<b>1381</b>	<b>974</b>	<b>878</b>	<b>680</b>	<b>5,365</b>

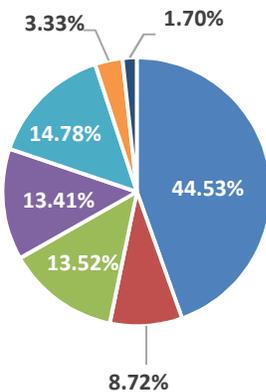


## Cause of Ignition

The cause of ignition is useful in determining the factors that lead up to fire ignition. The table below illustrates the causes of ignition reported through the Fire Modules over the past five years. Fire prevention measures and product safety features can be tailored to address the causes of fires reported through NFIRS.

### Cause of Ignition (sorted by dollar loss)

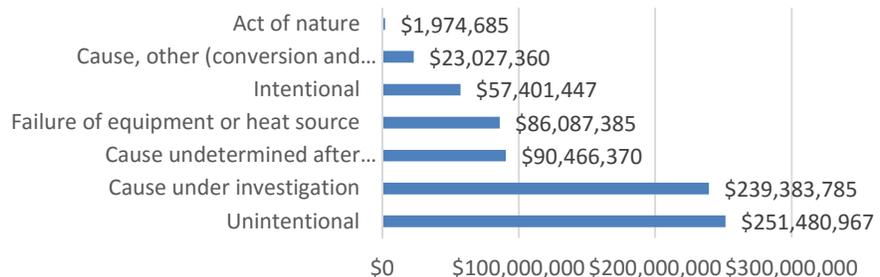
Cause of Ignition  
2010-2014



- Unintentional
- Cause under investigation
- Cause undetermined after investigation
- Failure of equipment or heat source
- Intentional
- Cause, other (conversion and exposure 1 only)
- Act of nature

Description	2010	2011	2012	2013	2014	Total
<b>Unintentional</b>						
# of incidents	6,170	6,287	5,267	5,153	5,284	28161
Dollar Loss	61,492,882	\$60,797,030	\$47,965,611	\$43,541,088	\$37,684,356	\$251,480,967
<b>Cause under investigation</b>						
# of incidents	1,234	1,174	1,041	992	1,070	5511
Dollar Loss	66,407,353	\$43,088,497	\$58,718,563	\$36,588,053	\$34,581,319	\$239,383,785
<b>Cause undetermined after investigation</b>						
# of incidents	1,890	1,805	1,634	1,515	1,705	8549
Dollar Loss	26,436,188	\$13,338,501	\$19,023,142	\$13,298,966	\$18,369,573	\$90,466,370
<b>Failure of equipment or heat source</b>						
# of incidents	2,215	1,963	1,596	1,349	1,357	8480
Dollar Loss	22,811,752	\$16,553,617	\$24,217,174	\$9,966,106	\$12,538,736	\$86,087,385
<b>Intentional</b>						
# of incidents	1,990	1,914	1,801	1,849	1,795	9349
Dollar Loss	16,078,080	\$9,818,128	\$5,008,522	\$20,146,366	\$6,350,351	\$57,401,447
<b>Cause, other (conversion and exposure 1 only)</b>						
# of incidents	570	636	515	203	183	2107
Dollar Loss	9,870,534	\$9,483,885	\$1,176,650	\$1,815,146	\$681,145	\$23,027,360
<b>Act of nature</b>						
# of incidents	220	134	253	222	249	1078
Dollar Loss	325,964	\$268,350	\$179,450	\$368,000	\$832,921	\$1,974,685

Dollar Loss by Cause of Ignition  
2010-2014



## Intentionally Set Fires by Property Use

In accordance with NFIRS, intentionally set fires are those fires set deliberately by the misuse of a heat source or the intentional ignition of property. Intentionally set fires result in millions of dollars in property loss in our state each year. The information below is based on the incidents reported through the Fire Module and does not specifically indicate the arson cases in Washington State.

### Intentionally Set Fires by Property Use (sorted by dollar loss)

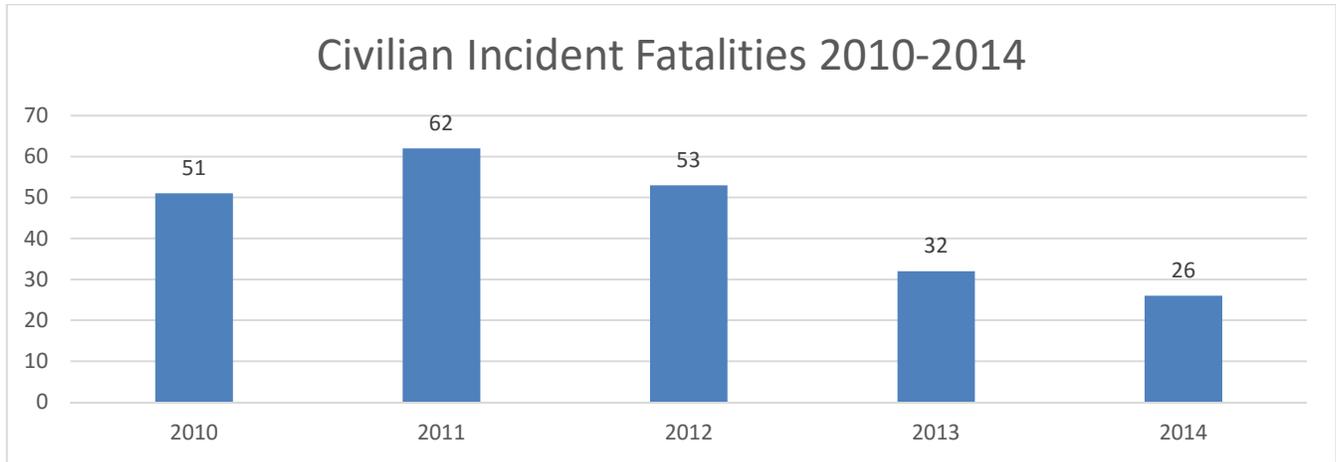
Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	656	642	615	653	608	3174
Dollar Loss	\$6,333,008	\$3,426,049	\$2,489,259	\$17,509,671	\$2,977,809	\$32,735,796
<b>Mercantile &amp; Business</b>						
# of incidents	50	43	44	28	38	203
Dollar Loss	944207	4628727	396500	377526	375901	6722861
<b>Assembly</b>						
# of incidents	57	58	53	49	37	254
Dollar Loss	\$4,086,207	\$319,650	\$510,520	\$1,169,438	\$23,426	\$6,109,241
<b>Storage</b>						
# of incidents	52	43	33	29	29	186
Dollar Loss	3398891	285852	361500	194300	1501184	5741727
<b>Outside or special property</b>						
# of incidents	760	724	626	645	647	3402
Dollar Loss	\$739,869	\$802,431	\$513,702	\$491,597	\$1,248,618	\$3,796,217
<b>Educational</b>						
# of incidents	54	76	75	62	49	316
Dollar Loss	68817	246161	57345	187452	58536	618311
<b>Manufacturing</b>						
# of incidents	4	3	3	5	5	20
Dollar Loss	\$0	\$0	\$505,000	\$97,402	\$4,000	\$606,402
<b>Property Use, other</b>						
# of incidents	44	21	40	45	35	185
Dollar Loss	\$89,450	\$56,450	\$127,175	\$103,520	\$44,600	\$421,195
<b>Health Care, Detention &amp; Corrections</b>						
# of incidents	9	7	7	5	3	31
Dollar Loss	\$350,050	\$1,050	\$361	\$130	\$5,000	\$356,591
<b>Utility, Defense, agriculture, mining</b>						
# of incidents	41	31	21	39	44	176
Dollar Loss	\$58,750	\$43,500	\$28,001	\$2,000	\$95,500	\$227,751
<b>Undetermined</b>						
# of incidents	252	256	278	286	293	1365
Dollar Loss	\$8,831	\$4,258	\$15,109	\$3,330	\$12,777	\$44,305
<b>None</b>						
# of incidents	11	9	6	3	7	36
Dollar Loss	\$0	\$4,000	\$4,050	\$10,000	\$3,000	\$21,050
<b>Yearly Totals</b>						
# of incidents	1946	1892	1761	1804	1760	9163
Dollar Loss	\$16,428,130	\$9,819,178	\$5,008,883	\$20,146,496	\$6,355,351	\$57,758,038

### Top 5 Intentionally Set Fires by Property Use (ranked by dollar loss)

1. Multi-family Dwellings
2. 1 or 2 family dwelling
3. Church, mosque, synagogue, temple, chapel
4. Warehouse
5. Department or discount store



## Civilian Incident Fatalities



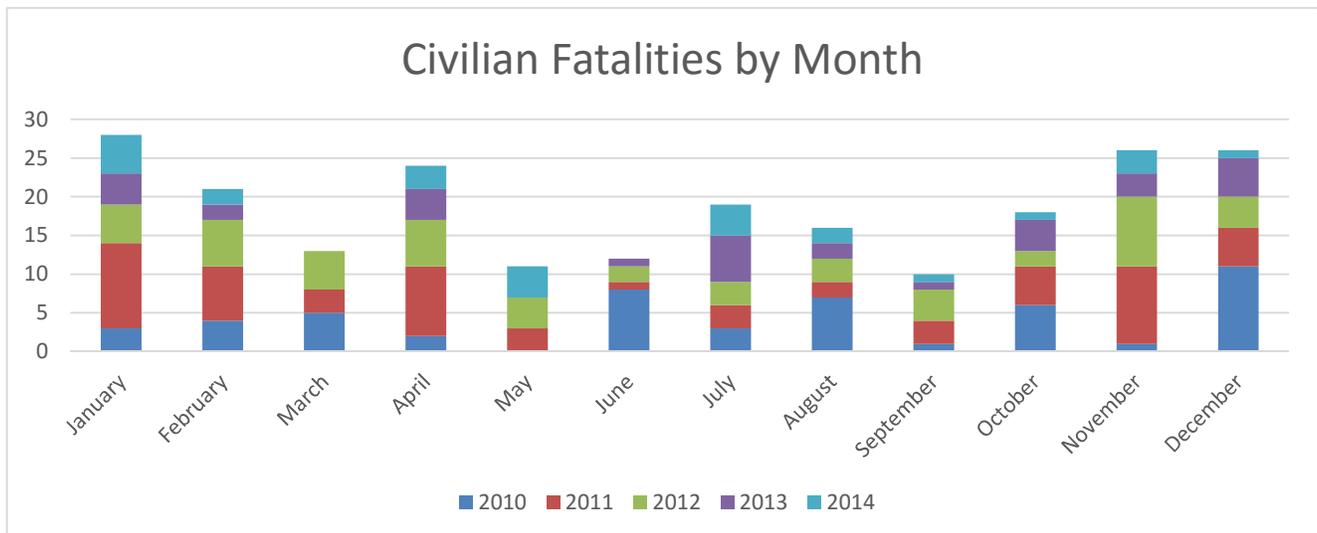
### Civilian Fatalities by Month

Based on the five year average of civilian casualties, approximately 4 civilians die each month related to incidents in Washington State.

December and January tend to be the most fatal months for civilians. This is likely associated with activity during cold weather, high winds & power outages.

2011 was the deadliest year over the past five years, with 11 civilian fatalities in January, making January of 2011 the deadliest month.

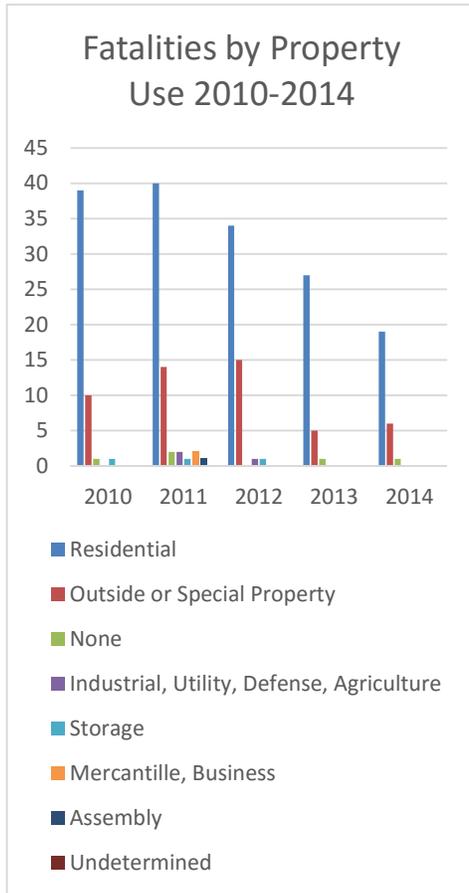
	2010	2011	2012	2013	2014	Total
<b>January</b>	3	11	5	4	5	29
<b>February</b>	4	7	6	2	2	16
<b>March</b>	5	3	5	0	0	9
<b>April</b>	2	9	6	4	3	17
<b>May</b>	0	3	4	0	4	6
<b>June</b>	8	1	2	1	0	9
<b>July</b>	3	3	2	6	4	14
<b>August</b>	7	2	2	2	2	15
<b>September</b>	1	3	4	1	1	6
<b>October</b>	6	5	2	4	1	16
<b>November</b>	1	10	9	3	3	18
<b>December</b>	11	5	4	5	1	23
<b>Yearly Totals</b>	51	62	51	32	26	222



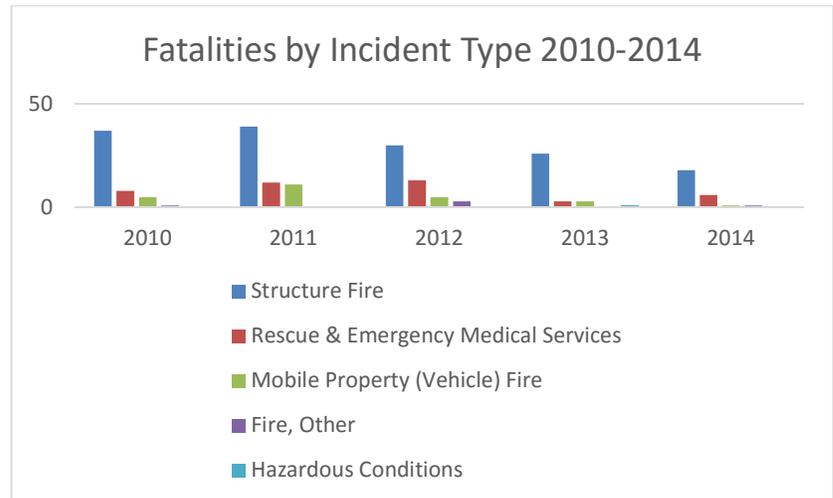
## Civilian Fire Fatalities

From 2010 to 2014, 220 civilian fatalities were reported to NFIRS, 180 of them were fire related fatalities. The majority of the fires occurred in Residential Properties and Outside or Special Property categories.

### Fatalities by Property Use (Sorted by number of fatalities)



Description	2010	2011	2012	2013	2014	Total
<i>Residential</i>	39	40	34	27	19	159
<i>Outside or Special Property</i>	10	14	15	5	6	50
<i>None</i>	1	2	0	1	1	5
<i>Industrial, Utility, Defense, Agriculture</i>	0	2	1	0	0	3
<i>Storage</i>	1	1	1	0	0	3
<i>Mercantile, Business</i>	0	2	0	0	0	2
<i>Assembly</i>	0	1	0	0	0	1
<i>Undetermined</i>	0	0	0	0	0	0
<b>Yearly Totals</b>	<b>51</b>	<b>62</b>	<b>51</b>	<b>33</b>	<b>26</b>	<b>223</b>



### Fatalities by Incident Type (Sorted by number of fatalities)

Description	2010	2011	2012	2013	2014	Total
<i>Structure Fire</i>	37	39	30	26	18	150
<i>Rescue &amp; Emergency Medical Services</i>	8	12	13	3	6	42
<i>Mobile Property (Vehicle) Fire</i>	5	11	5	3	1	25
<i>Fire, Other</i>	1	0	3	0	1	5
<i>Hazardous Conditions</i>	0	0	0	1	0	1
<b>Yearly Totals</b>	<b>51</b>	<b>62</b>	<b>51</b>	<b>33</b>	<b>26</b>	<b>223</b>

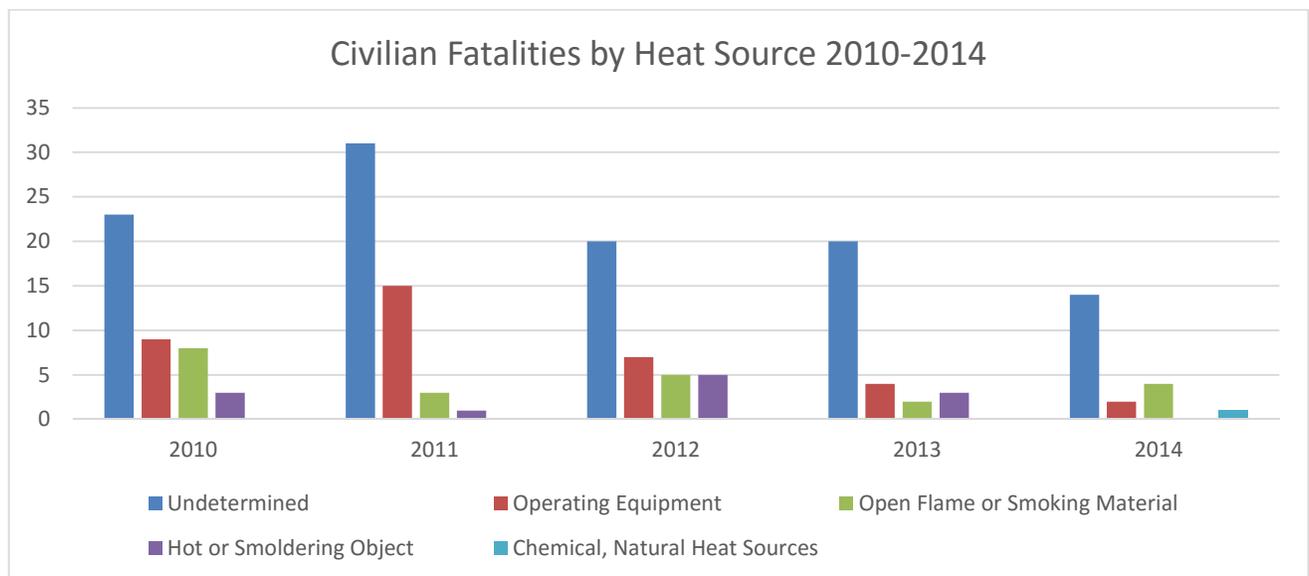
## 2010-2014 Fire Fatality Causes

Of the fire fatalities reported in 2010-2014 that had a determined cause, **Operating Equipment** related fires were the leading known cause, accounting for approximately 20.56% of the total. **Open Flame or Smoking Materials** fires were second, accounting for 12.22% of the total and accounted for 22 deaths. 12 of those deaths were directly linked to cigarettes. High risk behaviors, such as smoking in sleeping or lounging areas; smoking while using medical oxygen; and smoking while under the influence of mind-altering drugs or alcohol should be avoided.

In the case of **undetermined** fire causes, the exact fire cause cannot be clearly identified by the fire investigator. Undetermined fires accounted for 60% of all reported fires over the past 5 years. This report varies slightly from the overall fatality numbers due to not all fatalities being caused by a fire.

### Civilian Fatalities by Heat Source

Description	2010	2011	2012	2013	2014	Total
<i>Undetermined</i>	23	31	20	20	14	108
<i>Operating Equipment</i>	9	15	7	4	2	37
<i>Open Flame or Smoking Material</i>	8	3	5	2	4	22
<i>Hot or Smoldering Object</i>	3	1	5	3	0	12
<i>Chemical, Natural Heat Sources</i>	0	0	0	0	1	1
<b>Yearly Totals</b>	<b>43</b>	<b>50</b>	<b>37</b>	<b>29</b>	<b>21</b>	<b>180</b>



## Region 1

Clallam, Jefferson, Kitsap, and Mason counties make up Region 1. Over the past five years, an average of 66% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents what they reported.



### Five-Year Incident Type Summary (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1130	1098	1165	1084	1090	5567
Dollar loss	\$11,124,789	\$10,324,147	\$10,279,322	\$7,774,451	\$5,605,607	\$45,108,316
<b>Hazardous Condition (No Fire)</b>						
# of incidents	78967	67437	68707	64519	67279	346909
Dollar loss	\$570,900	\$488,102	\$136,457	\$101,950	\$4,100	\$1,301,509
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	38847	33296	33871	31787	33101	170902
Dollar loss	\$256,500	\$176,951	\$66,376	\$47,800	\$0	\$547,627
<b>Service Call</b>						
# of incidents	4150	3824	4072	3994	4369	20409
Dollar loss	\$46,000	\$12,098	\$329,500	\$123,000	\$12,400	\$522,998
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	124	26	45	40	63	298
Dollar loss	\$0	\$8,000	\$65,000	\$112,000	\$0	\$185,000
<b>Special Incident Type</b>						
# of incidents	402	308	209	153	206	1278
Dollar loss	\$0	\$0	\$179,500	\$0	\$0	\$179,500
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	83	101	74	66	66	390
Dollar loss	\$3,500	\$450	\$320	\$20,285	\$550	\$25,105
<b>False Alarm &amp; False Call</b>						
# of incidents	2652	2245	2215	2178	2348	11638
Dollar loss	\$11,000	\$0	\$0	\$9,000	\$0	\$20,000
<b>Good intent call</b>						
# of incidents	3667	3186	3383	3335	3931	17502
Dollar loss	\$10	\$0	\$200	\$0	\$500	\$710
<b>Yearly Totals</b>						
# of incidents	130022	111521	113741	107156	112453	574893
Dollar loss	\$12,012,699	\$11,009,748	\$11,056,675	\$8,188,486	\$5,623,157	\$47,890,765

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$39,249,088)
2. Passenger Vehicle Fires (\$1,365,969)
3. Fires in Mobile Homes (\$940,985)
4. Fires in a Structure other than a Building (\$550,000)
5. Road Freight or Transport Vehicle Fire (\$547,350)

## REGION 1 FIRE INCIDENTS

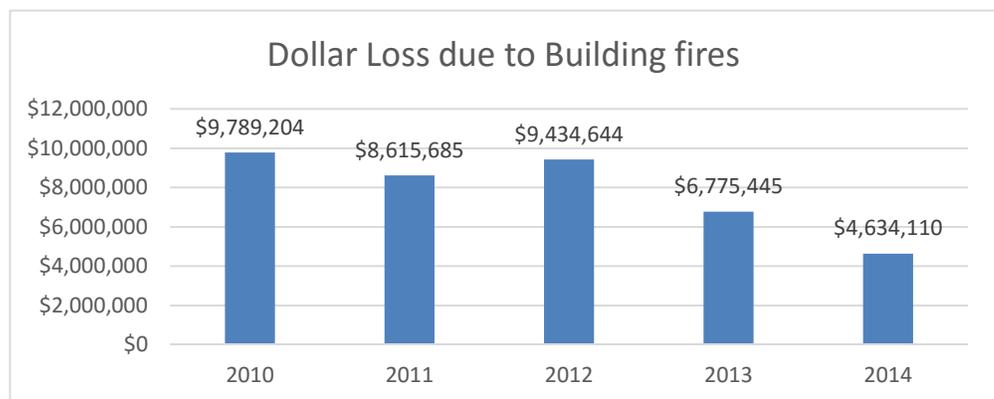
Over the past five years, 5,567 fire incidents, resulting in more than \$45 million in property and content loss, have been reported by fire service agencies in Region 1. Residential fires (400 Series Codes), accounted for 53% of the five-year total and 80% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including confined fires) (Code 110-119)</b>						
# of incidents	565	518	537	556	484	2660
Dollar loss	\$9,910,091	\$9,170,732	\$9,484,894	\$6,807,550	\$4,682,510	\$40,055,777
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	196	181	146	167	158	848
Dollar loss	\$904,605	\$863,350	\$366,433	\$711,949	\$496,105	\$3,342,442
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	27	25	31	24	24	131
Dollar loss	\$284,981	\$274,900	\$380,600	\$203,950	\$398,992	\$1,543,423
<b>Fire, other (Code 100)</b>						
# of incidents	67	50	67	78	57	319
Dollar loss	\$70,417	\$4,120	\$15,260	\$5,685	\$10,730	\$106,212
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	41	25	16	32	33	147
Dollar loss	\$9,800	\$8,450	\$24,550	\$17,950	\$5,650	\$66,400
<b>Outside Rubbish Fires (Code 150-159)</b>						
# of incidents	112	90	109	76	88	475
Dollar loss	\$11,000	\$5,655	\$2,190	\$29,802	\$2,600	\$51,247
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	186	259	325	226	300	1296
Dollar loss	\$4,312	\$1,060	\$20,655	\$3,250	\$19,750	\$49,027
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	3	0	1	3	3	10
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	1197	1148	1232	1162	1147	5886
Dollar loss	\$11,195,206	\$10,328,267	\$10,294,582	\$7,780,136	\$5,616,337	\$45,214,528

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$39,249,088)
2. Passenger Vehicle Fires (\$1,365,969)
3. Fires in Mobile Homes (\$940,985)
4. Fires in a Structure other than a Building (\$550,000)
5. Road Freight or Transport Vehicle Fire (\$547,350)



## REGION 1 FIRE INCIDENTS BY PROPERTY USE

### 2010 – 2014 Fires Incidents by Property Use (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	614	560	593	603	574	2944
Dollar Loss	\$9,503,843	\$6,976,365	\$8,442,099	\$6,401,650	\$4,742,412	\$36,066,369
<b>Outside or Special Property</b>						
# of incidents	341	367	410	315	384	1817
Dollar Loss	\$754,980	\$664,625	\$323,223	\$430,201	\$464,142	\$2,637,171
<b>Storage</b>						
# of incidents	34	27	29	33	25	148
Dollar Loss	\$530,850	\$633,500	\$742,000	\$346,850	\$169,278	\$2,422,478
<b>Assembly</b>						
# of incidents	29	32	33	21	16	131
Dollar Loss	\$18,400	\$533,537	\$682,100	\$81,800	\$2,900	\$1,318,737
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	16	14	27	25	19	101
Dollar Loss	\$800	\$1,000,000	\$0	\$250,600	\$15,000	\$1,266,400
<b>Mercantile, Business</b>						
# of incidents	31	36	25	38	33	163
Dollar Loss	\$272,414	\$512,100	\$11,950	\$96,100	\$16,025	\$908,589
<b>Educational</b>						
# of incidents	12	20	17	11	10	70
Dollar Loss	\$2,502	\$0	\$1,950	\$150,250	\$145,800	\$300,502
<b>Property Use, other</b>						
# of incidents	17	12	17	10	14	70
Dollar Loss	\$41,000	\$0	\$55,000	\$1,200	\$6,100	\$103,300
<b>Manufacturing, processing</b>						
# of incidents	13	7	5	14	7	46
Dollar Loss	\$0	\$500	\$20,000	\$15,100	\$34,750	\$70,350
<b>Health Care, Detention &amp; Corrections</b>						
# of incidents	9	9	2	12	5	37
Dollar Loss	\$0	\$20	\$0	\$700	\$9,200	\$9,920
<b>None</b>						
# of incidents	5	10	0	2	0	17
Dollar Loss	\$0	\$3,500	\$0	\$0	\$0	\$3,500
<b>Undetermined</b>						
# of incidents	9	4	1,000	0	3	23
Dollar Loss	\$0	\$0	\$7	\$0	\$0	\$1,000
<b>Yearly Totals</b>						
# of incidents	1130	1098	2158	1084	1090	5567
Dollar Loss	\$11,124,789	\$10,324,147	\$10,278,329	\$7,774,451	\$5,605,607	\$45,108,316

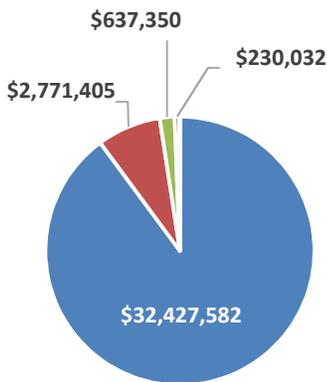
## Top 5 Fire Incident by Property Use *(ranked by dollar loss)*

1. 1 or 2 family dwelling (Code 419)
2. Multifamily dwellings (Code 429)
3. Parking garage, (detached residential garage (Code 881)
4. Restaurant or cafeteria (Code 161)
5. Residential, Other (Code 400)

## REGION 1 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)

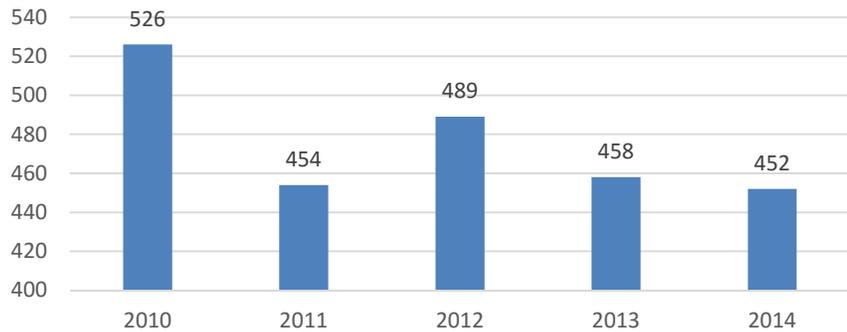
#### Dollar Loss from Residential Fires by Property Use



- 1 or 2 family dwelling (419)
- Multifamily dwellings (429)
- Residential, other
- Boarding/rooming house, residential hotels
- Hotel/motel, commercial
- Residential board and care
- Dormitory type residence, other

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling (419)</b>						
# of Incidents	526	454	489	458	452	2379
Dollar Loss	\$9,290,231	\$6,120,125	\$8,254,319	\$4,403,970	\$4,358,937	\$32,427,582
<b>Multifamily dwellings (429)</b>						
# of Incidents	50	57	56	57	52	272
Dollar Loss	\$81,100	\$676,220	\$131,780	\$1,731,080	\$151,225	\$2,771,405
<b>Residential, other</b>						
# of Incidents	28	42	40	81	64	255
Dollar Loss	\$132,500	\$180,000	\$56,000	\$266,600	\$2,250	\$637,350
<b>Boarding/rooming house, residential hotels</b>						
# of Incidents	5	3	0	2	5	15
Dollar Loss	\$12	\$20	\$0	\$0	\$230,000	\$230,032
<b>Hotel/motel, commercial</b>						
# of Incidents	4	1	6	4	1	16
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Residential board and care</b>						
# of Incidents	1	2	1	1	0	5
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Dormitory type residence, other</b>						
# of Incidents	0	1	1	0	0	2
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of Incidents	614	560	593	603	574	2944
Dollar Loss	\$9,503,843	\$6,976,365	\$8,442,099	\$6,401,650	\$4,742,412	\$36,066,369

#### Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 1 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 1 Incidents Counts by Agency**

Clallam County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Clallam #1, Forks	52	10	0	105	122	289
	Clallam #2, Port Angeles	879	965	708	1127	1282	4961
	Clallam #3, Sequim	5328	0	0	0	0	5328
	Clallam #4, Joyce	196	203	202	160	172	933
	Clallam #5, Clallam Bay/Seki	152	151	176	198	141	818
	Clallam #6, Quillayute Prairie	10	2	0	0	2	14
	Forks Fire Department	0	0	0	0	0	0
	La Push Fire Department	0	0	0	0	0	0
	Port Angeles Fire Department	3427	3545	3648	3757	3811	18188
<b>Yearly Totals</b>		10044	4876	4734	5347	5530	30531
Jefferson County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	East Jefferson Fire & Rescue	3439	3525	3419	2917	251	13551
	Jefferson #2, Quilcene	256	246	287	176	287	1252
	Jefferson #3, Port Ludlow	654	617	725	654	704	3354
	Jefferson #4, Brinnon	231	213	206	30	74	754
	Jefferson #7 Clearwater	0	0	0	0	0	0
	Jefferson #5, Discovery Bay	83	78	71	0	0	232
<b>Yearly Totals</b>		4663	4679	4708	3777	1316	19143
Kitsap County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Central Kitsap Fire & Rescue	6490	6340	6552	5817	6834	32033
	Kitsap #2, Bainbridge Island	2648	2513	2180	2103	2627	12071
	South Kitsap Fire & Rescue	8319	7695	8041	7433	8939	40427
	Kitsap #10 North Kitsap	2238	1889	2273	2230	2304	10934
	Kitsap #12 Bremerton	0	0	0	0	0	0
	Bremerton Fire Department	6533	6537	6546	5611	7250	32477
	Port Orchard Fire Department	0	0	0	0	0	0
	Kitsap #18/City of Poulsbo	2956	2918	2408	3305	3450	15037
<b>Yearly Totals</b>		29184	27892	28000	26499	31404	142979
Mason County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Mason #1, Hoodspout	212	141	121	130	193	797
	N Mason RFA	1906	1880	1883	1844	2005	9518
	Shelton Fire Department	0	0	0	0	0	0
	Mason #3, Grapeview	265	229	134	237	187	1052
	Mason #4 Arcadia/Kamilche	847	0	744	634	853	3078
	Mason #5, Allyn/Agate/Shelton	4163	4209	4516	4238	3914	21040
	Mason #6, Union	15	158	135	211	242	761
	Mason #8, Tahuya	0	0	0	0	0	0
	Mason #9, Skokomish Valley	83	119	243	20	0	465
	Mason #11, Shelton	300	327	330	315	341	1613
	Mason #12	94	0	82	111	121	408
	Mason #13, Elma	182	142	197	155	138	814
	Mason #16, Dayton	135	110	0	0	0	245
	Mason County Fire District #17	78	42	14	0	0	134
Mason #18, Lake Cushman	146	111	145	75	17	494	
<b>Yearly Totals</b>		8426	7468	8544	7970	8011	40419
<b>Region 1 Totals</b>		52317	44915	45986	43593	46261	233072

## Region 2

Grays Harbor, Pacific, and Thurston counties make up Region 2. Over the past five years, an average of 49% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary (Sorted by dollar loss)

#### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$62,668,691)
2. Vehicle Accident with Injuries (\$4,025,600)
3. Fires in Mobile Homes (\$1,148,750)
4. Passenger Vehicle Fire (\$984,307)
5. Off Road Vehicle or Heavy Equipment Fire (\$715,800)

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1186	1100	1080	753	872	4991
Dollar loss	\$13,067,840	\$9,853,474	\$34,615,127	\$5,424,255	\$4,312,110	\$67,272,806
<b>Rescue &amp; Emergency Medical Services (EMS) Incidents</b>						
# of incidents	27,907	25,449	27,135	17,885	21,683	120059
Dollar loss	\$7,200	\$16,000	\$4,024,000	\$1,050	\$1,500	\$4,049,750
<b>Service call (500 Series)</b>						
# of incidents	2555	2518	2516	1814	2058	11461
Dollar loss	\$180,000	\$3,000	\$1,002	\$0	\$2,050	\$186,052
<b>Hazardous Condition (No Fire)</b>						
# of incidents	675	460	1545	325	496	3501
Dollar loss	\$101,150	\$3,600	\$3,402	\$500	\$12,050	\$120,702
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	27	17	20	14	22	100
Dollar loss	\$6,300	\$0	\$5,000	\$1,500	\$36,000	\$48,800
<b>False Alarm &amp; False Call</b>						
# of incidents	2071	1725	1998	1160	1329	8283
Dollar loss	\$0	\$0	\$15,000	\$0	\$0	\$15,000
<b>Good Intent Call</b>						
# of incidents	3088	2766	3116	1644	2288	12902
Dollar loss	\$2,050	\$0	\$0	\$250	\$0	\$2,300
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	41	21	36	3	6	107
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Special Incident Type</b>						
# of incidents	61	41	68	65	65	300
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	37,611	34,097	37,514	23,663	28,819	161,704
Dollar loss	\$13,364,540	\$9,876,074	\$38,663,531	\$5,427,555	\$4,363,710	\$71,695,410

## REGION 2 FIRE INCIDENTS

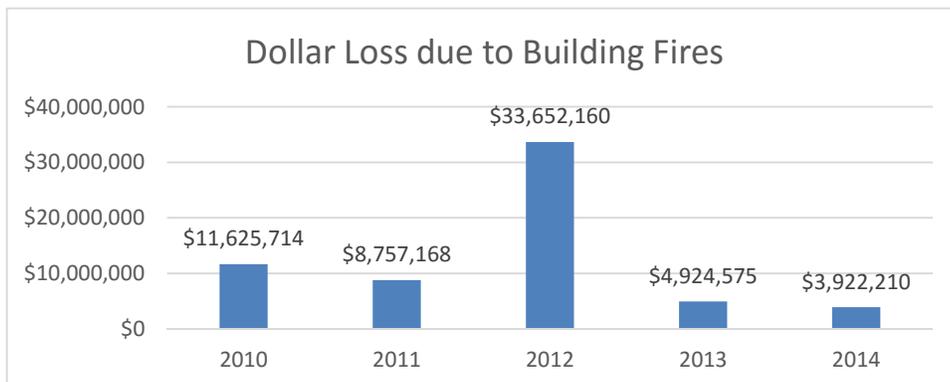
Over the past five years, 4,991 fire incidents, resulting in more than \$60 million in property and content loss, have been reported by fire service agencies in Region 2. Structure fires, including confined fires, accounted for 39% of the five-year total and 93% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including confined fires) (Code 111-119)</b>						
# of incidents	460	418	451	308	293	1930
Dollar loss	\$11,625,714	\$8,757,168	\$33,652,160	\$4,924,575	\$3,922,210	\$62,881,827
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	193	123	124	105	118	663
Dollar loss	\$1,012,935	\$238,632	\$642,142	\$289,100	\$243,150	\$2,425,959
<b>Fixed Mobile Property Fires (Code 121-129)</b>						
# of incidents	23	18	23	21	16	101
Dollar loss	\$320,301	\$815,650	\$189,400	\$173,050	\$46,750	\$1,545,151
<b>Fire, other (100)</b>						
# of incidents	67	89	59	31	52	298
Dollar loss	\$76,850	\$19,821	\$8,400	\$0	\$83,050	\$188,121
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	41	24	35	20	21	141
Dollar loss	\$7,750	\$6,801	\$104,070	\$31,700	\$16,500	\$166,821
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	236	255	251	176	270	1188
Dollar loss	\$24,000	\$14,595	\$11,800	\$3,000	\$50	\$53,445
<b>Outside Rubbish Fires (Code 150-159)</b>						
# of incidents	163	172	134	91	99	659
Dollar loss	\$290	\$807	\$7,155	\$2,830	\$400	\$11,482
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	3	1	3	1	3	11
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	1186	1100	1080	753	872	4991
Dollar loss	\$13,067,840	\$9,853,474	\$34,615,127	\$5,424,255	\$4,312,110	\$67,272,806

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$62,668,691)
2. Fires in Mobile Homes (\$1,148,750)
3. Passenger Vehicle Fires (\$984,307)
4. Off-Road Vehicle or Heavy Equipment Fire (\$715,800)
5. Fire in Motor Home, Camper, Recreational Vehicle (\$370,900)



## REGION 2 FIRE INCIDENTS BY PROPERTY USE

### 2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	554	546	511	350	388	2349
Dollar Loss	\$4,870,869	\$6,171,093	\$9,938,918	\$3,513,568	\$3,800,610	\$28,295,058
<b>Storage</b>						
# of incidents	43	35	32	33	28	171
Dollar Loss	\$515,501	\$1,312,321	\$22,495,535	\$184,700	\$193,900	\$24,701,957
<b>Manufacturing, processing</b>						
# of incidents	10	13	7	8	7	45
Dollar Loss	\$26,000	\$60,000	\$22,140,500	\$30,000	\$100,000	\$22,356,500
<b>Mercantile, Business</b>						
# of incidents	41	32	36	16	27	152
Dollar Loss	\$4,295,020	\$52,474	\$742,057	\$425,000	\$57,750	\$5,572,301
<b>Outside or Special Property</b>						
# of incidents	430	376	377	257	330	1770
Dollar Loss	\$766,300	\$291,345	\$405,577	\$328,250	\$188,400	\$1,979,872
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	17	22	7	7	14	67
Dollar Loss	\$311,000	\$216,300	\$250,000	\$10,500	\$0	\$787,800
<b>Assembly</b>						
# of incidents	42	31	27	12	22	134
Dollar Loss	\$191,850	\$368,120	\$18,220	\$30	\$2,550	\$580,770
<b>Educational</b>						
# of incidents	8	13	14	4	4	43
Dollar Loss	\$800	\$2,120	\$531,600	\$700	\$12,000	\$547,220
<b>Health Care, Detention &amp; Corrections</b>						
# of incidents	9	9	4	4	1	27
Dollar Loss	\$8,000	\$21,000	\$1,000	\$25	\$0	\$30,025
<b>Property Use, other</b>						
# of incidents	9	12	12	11	9	53
Dollar Loss	\$12,000	\$101	\$11,000	\$0	\$0	\$23,101
<b>None</b>						
# of incidents	11	13	8	1	7	40
Dollar Loss	\$3,000	\$1,100	\$10,200	\$0	\$2,800	\$17,100
<b>Undetermined</b>						
# of incidents	3	2	2	2	2	11
Dollar Loss	\$1,200	\$0	\$0	\$0	\$0	\$1,200
<b>Yearly Totals</b>						
# of incidents	1,177	1,091	1,030	697	832	4,817
Dollar Loss	\$11,001,540	\$8,435,974	\$34,404,107	\$4,462,773	\$4,258,010	\$62,536,404

## Top 5 Fire Incident by Property Use (ranked by dollar loss)

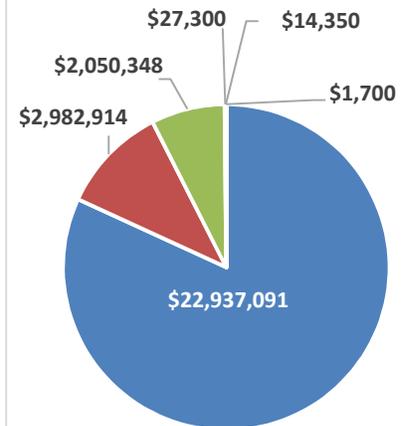
1. 1 or 2 family dwelling (Code 419)
2. Manufacturing & Processing (Code 700)
3. Residential, Other, (Code 400)
4. Multifamily Dwellings (Code 429)
5. Convenience store (Code 511)

## REGION 2 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

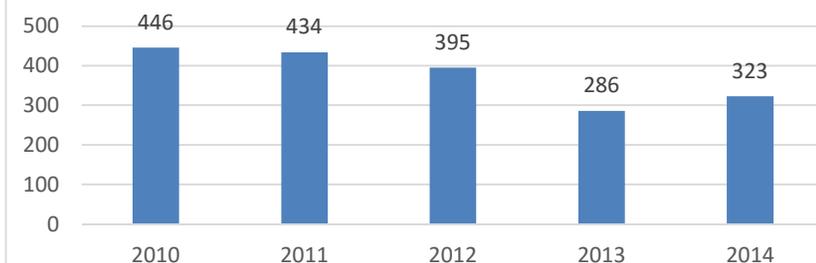
Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling (419)</b>						
# of Incidents	446	434	395	286	323	1884
Dollar Loss	\$4,544,055	\$4,945,835	\$6,515,623	\$3,160,268	\$3,771,310	\$22,937,091
<b>Residential, other (400)</b>						
# of Incidents	23	47	28	22	20	140
Dollar Loss	\$36,459	\$736,055	\$1,888,300	\$322,000	\$100	\$2,982,914
<b>Multifamily dwellings (429)</b>						
# of Incidents	74	60	78	39	38	289
Dollar Loss	\$0	\$486,703	\$1,534,445	\$20,000	\$9,200	\$2,050,348
<b>Boarding/rooming house, residential hotels (439)</b>						
# of Incidents	1	2	6	1	2	12
Dollar Loss	\$0	\$800	\$500	\$6,000	\$20,000	\$27,300
<b>Hotel/motel, commercial (449)</b>						
# of Incidents	10	1	2	2	2	17
Dollar Loss	\$9,000	\$0	\$50	\$5,300	\$0	\$14,350
<b>Residential board and care (459)</b>						
# of Incidents	0	1	2	0	3	6
Dollar Loss	\$0	\$1,700	\$0	\$0	\$0	\$1,700
<b>Dormitory type residence, other (460)</b>						
# of Incidents	0	1	0	0	0	1
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Barracks, dormitory (464)</b>						
# of Incidents	0	0	0	0	0	0
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of Incidents	554	546	511	350	388	2349
Dollar Loss	\$4,589,514	\$6,171,093	\$9,938,918	\$3,513,568	\$3,800,610	\$28,013,703

Dollar Loss from Residential Fires by Property Use



- 1 or 2 family dwelling (419)
- Residential, other (400)
- Multifamily dwellings (429)
- Boarding/rooming house, residential hotels (439)
- Hotel/motel, commercial (449)
- Residential board and care (459)
- Dormitory type residence, other (460)
- Barracks, dormitory (464)

Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 2 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 2 Incident Counts by Agency**

	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	<b>Grays Harbor</b>	Grays Harbor #1, Oakville	326	214	43	31	44
Central Park		676	595	760	462	827	3320
Grays Harbor #3, Westport		0	0	0	0	0	0
Grays Harbor #4, Amanda Park		11	0	0	0	0	11
Grays Harbor #5, Elma/Satsop		653	1,666	878	0	0	3197
Grays Harbor #6, North Hoquiam		0	0	0	0	0	0
Grays Harbor #7, Copalis Beach		0	0	0	0	0	0
Grays Harbor #8, Pacific Beach		0	0	0	0	0	0
Grays Harbor #10, Wishkah		4	0	0	0	5	9
Grays Harbor #11, Grayland		38	17	14	4	0	73
Grays Harbor #12, McCleary		32	48	40	4	0	124
Grays Harbor #14		118	99	105	90	118	530
Grays Harbor #15, Cosmopolis		0	0	0	0	0	0
Grays Harbor #16, Copalis Crs		0	0	0	0	0	0
Grays Harbor #17, Humptulips		5	0	0	0	0	5
Aberdeen Fire Department		372	362	375	404	398	1911
Cosmopolis Fire Department		1	4	6	7	6	24
City Of Elma Fire Department		192	233	196	20	34	675
Hoquiam Fire Department		132	124	0	172	185	613
McCleary FD		41	26	39	7	0	113
Montesano Fire Department	1,169	0	1,167	1,048	1,080	4,464	
Ocean Shores Fire Department	112	0	1	3	0	116	
Westport Fire Department	344	351	240	234	183	1352	
Quinault Indian Nation	5	0	0	0	0	5	
	<b>Yearly Totals</b>	4231	3739	3864	2486	2880	17200
<b>Pacific County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Pacific #1, Ocean Park	1,692	1,531	1,699	1,822	1,778	8,522
	Pacific #2, Chinook Valley	0	0	0	0	0	0
	Pacific #3, Willapa Valley	27	15	22	36	26	126
	Pacific #4, Naselle	15	8	0	0	0	23
	Pacific #5, North Cove/Tokeland	7	1	0	0	0	8
	Pacific #6, Bay Center	0	0	0	0	0	0
	Pacific #7, Nemah	39	2	0	0	0	41
	Pacific Co #8, Rural S Bend	0	0	0	0	0	0
	Ilwaco Fire Department	219	195	237	242	214	1107
	Long Beach Fire Department	59	58	68	51	72	308
	Raymond Fire Department	1,433	1,388	1,524	1,313	1,303	6,961
	South Bend Fire Department	0	0	0	0	0	0
		<b>Yearly Totals</b>	3491	3198	3550	3464	3393

Thurston County	Agency	2010	2011	2012	2013	2014	Total
	Thurston #1, Rochester	1,108	675	0	0	1,580	3,363
	SE Thurston Fire & EMS	2,742	2,804	3,061	2,892	3,071	14,570
	Lacey Fire District 3	10,679	10,512	11,102	10,685	11,632	54,610
	Thurston #4, Rainier	0	0	0	0	0	0
	Thurston #5, Black Lake	0	0	0	0	0	0
	Thurston #6, East Olympia	819	890	937	779	873	4298
	Thurston #7, North Olympia	269	269	319	316	306	1479
	Thurston #8, South Bay	505	516	573	553	523	2670
	McLane/Blake Lake Fire Department	1,218	1,132	1,290	0	1,270	4,910
	Thurston #11, Littlerock	991	583	0	0	0	1574
	Thurston #12, Tenino	85	334	721	693	712	2545
	Thurston #13, Griffin	391	368	441	0	0	1200
	Thurston #14, Grand Mound	0	0	0	0	0	0
	Thurston #15, Tumwater	0	0	0	0	0	0
	Thurston #16, Gibson Valley	43	32	0	0	0	75
	Thurston #17, Bald Hills	256	254	316	302	362	1490
	Bucoda Fire Department	0	0	125	17	0	142
	Olympia Fire Department	8,082	6,168	8,527	0	0	22777
	Tumwater Fire Department	2,664	2,606	2,609	1,358	2,130	11,367
<b>Yearly Totals</b>	29852	27143	30021	17595	22459	127070	
<b>Region 2 Totals</b>	37574	34080	37435	23545	28732	161366	

## Region 3

Island, San Juan, Skagit, and Whatcom counties make up Region 3. Over the past five years, an average of 63% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Top 5 Incident Types

(ranked by dollar loss)

1. Building Fires (\$29,474,952)
2. Fires, Other (\$11,108,596)
3. Passenger Vehicle Fire (\$784,250)
4. Off Road Vehicle or Heavy Equipment Fire (\$715,800)
5. Water Vehicle Fires (\$784,250)

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of Incidents	1397	1343	1140	1320	1098	6298
Dollar Loss	\$6,815,761	\$6,489,842	\$17,087,599	\$9,741,047	\$5,358,527	\$45,492,776
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of Incidents	31819	29686	28201	29425	18468	137599
Dollar Loss	\$332,550	\$162,350	\$126,500	\$23,000	\$18,000	\$662,400
<b>Service Call</b>						
# of Incidents	2852	2580	2423	3065	1799	12719
Dollar Loss	\$119,250	\$41,825	\$0	\$575	\$50,350	\$212,000
<b>Hazardous Condition (No Fire)</b>						
# of Incidents	1104	968	890	988	1018	4968
Dollar Loss	\$52,000	\$5,780	\$500	\$9,000	\$15,400	\$82,680
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of Incidents	37	38	46	34	27	182
Dollar Loss	\$2,000	\$20,325	\$150	\$50	\$59,000	\$81,525
<b>Severe Weather and Natural Disaster</b>						
# of Incidents	194	119	135	110	221	779
Dollar Loss	\$0	\$0	\$0	\$2,000	\$50,000	\$52,000
<b>False Alarm &amp; False Call</b>						
# of Incidents	2478	2188	1984	2300	1562	10512
Dollar Loss	\$2,002	\$5,000	\$3,000	\$0	\$0	\$10,002
<b>Special incident Type</b>						
# of Incidents	296	218	196	236	210	1156
Dollar Loss	\$3,000	\$0	\$0	\$0	\$0	\$3,000
<b>Good Intent Call</b>						
# of Incidents	3127	3102	3022	3402	1567	14220
Dollar Loss	\$625	\$250	\$750	\$0	\$0	\$1,625
<b>Yearly Totals</b>						
# of Incidents	43304	40242	38037	40880	25970	188433
Dollar Loss	\$7,327,188	\$6,725,372	\$17,218,499	\$9,775,672	\$5,551,277	\$46,598,008

## REGION 3 FIRE INCIDENTS

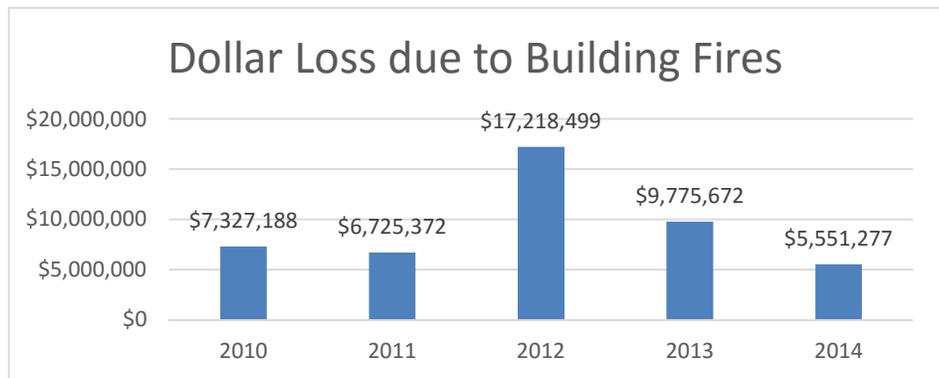
Over the past five years, 6,298 fire incidents, resulting in more than \$45 million in property and content loss, have been reported by fire service agencies in Region 3. Structure fires, including confined fires, accounted for nearly 33% of the five-year total and 92% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Fire, other (Code 100)</b>						
# of Incidents	58	59	64	69	64	314
Dollar Loss	\$7,030	\$9,730	\$11,008,620	\$69,566	\$13,650	\$11,108,596
<b>Structure Fires (Including confined fires) (Code 120-129)</b>						
# of Incidents	537	558	457	522	379	2453
Dollar Loss	\$5,866,162	\$5,458,160	\$5,479,534	\$8,592,411	\$4,412,477	\$29,808,744
<b>Fixed Mobile Property Fires (Code 121-129)</b>						
# of Incidents	18	24	20	23	19	104
Dollar Loss	\$171,250	\$205,150	\$41,410	\$365,410	\$138,500	\$921,720
<b>Vehicle Fires (Code 130-139)</b>						
# of Incidents	234	185	188	196	147	950
Dollar Loss	\$757,900	\$680,970	\$540,800	\$687,950	\$774,650	\$3,442,270
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of Incidents	316	300	190	277	283	1366
Dollar Loss	\$3,052	\$9,951	\$800	\$2,850	\$2,200	\$18,853
<b>Outside Rubbish Fires (Code 150-159)</b>						
# of Incidents	174	177	184	187	175	897
Dollar Loss	\$6,942	\$3,131	\$15,485	\$900	\$10,600	\$37,058
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of Incidents	58	37	36	42	28	201
Dollar Loss	\$3,425	\$122,250	\$950	\$21,960	\$6,450	\$155,035
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of Incidents	2	3	1	4	3	13
Dollar Loss	\$0	\$500	\$0	\$0	\$0	\$500
<b>Yearly Totals</b>						
# of Incidents	1397	1343	1140	1320	1098	6298
Dollar Loss	\$6,815,761	\$6,489,842	\$17,087,599	\$9,741,047	\$5,358,527	\$45,492,776

## Top 5 Fire Incident Types *(ranked by dollar loss)*

1. Building Fires (\$29,474,952)
2. Fires, Other (\$11,108,596)
3. Passenger Vehicle Fires (\$1,125,210)
4. Off-Road Vehicle or Heavy Equipment Fire (\$784,250)
5. Water Vehicle Fire (\$757,000)



**REGION 3 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

**Top 5  
Fire  
Incident  
by  
Property  
Use**  
(ranked by  
dollar loss)

1. 1 or 2 family dwelling (Code 419)
2. Manufacturing & Processing (Code 700)
3. Multifamily Dwellings (Code 429)
4. Outbuilding, Protective Shelter (Code 926)
5. Dock, Marina, Pier or Wharf (Code 898)

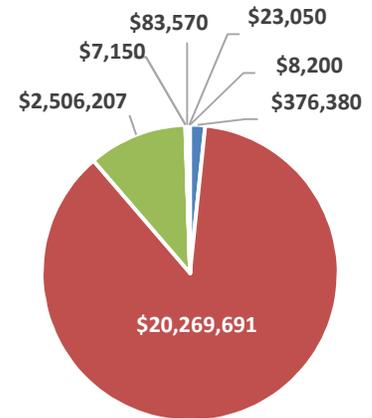
Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of Incidents	657	668	550	659	567	3101
Dollar Loss	\$5,327,712	\$4,859,262	\$4,039,789	\$6,267,558	\$2,779,927	\$23,274,248
<b>Manufacturing &amp; Processing</b>						
# of Incidents	19	9	14	17	15	74
Dollar Loss	\$8,500	\$0	\$11,807,500	\$39,000	\$105,200	\$11,960,200
<b>Outside or Special Property</b>						
# of Incidents	530	453	396	469	370	2218
Dollar Loss	\$521,644	\$691,012	\$309,505	\$1,837,940	\$680,350	\$4,040,451
<b>Storage</b>						
# of Incidents	35	36	38	28	33	170
Dollar Loss	\$593,350	\$293,000	\$764,700	\$433,500	\$1,485,100	\$3,569,650
<b>Mercantile, Business</b>						
# of Incidents	61	59	39	38	38	235
Dollar Loss	\$333,190	\$103,170	\$63,700	\$620,425	\$47,550	\$1,168,035
<b>Industrial, Utility, Defense, Agriculture, Mining</b>						
# of Incidents	21	25	17	37	31	131
Dollar Loss	\$12,000	\$197,000	\$15,000	\$446,500	\$255,500	\$926,000
<b>Assembly</b>						
# of Incidents	31	40	43	31	20	165
Dollar Loss	\$11,010	\$289,518	\$68,520	\$73,100	\$300	\$442,448
<b>Educational</b>						
# of Incidents	16	16	15	14	4	65
Dollar Loss	\$150	\$12,520	\$960	\$20,450	\$0	\$34,080
<b>Health Care, Detention, &amp; Correction</b>						
# of Incidents	9	13	11	9	4	46
Dollar Loss	\$7,705	\$21,360	\$750	\$4	\$2,600	\$32,419
<b>Property Use, other</b>						
# of Incidents	13	13	14	13	11	64
Dollar Loss	\$500	\$6,000	\$17,175	\$20	\$0	\$23,695
<b>None</b>						
# of Incidents	2	2	1	2	1	8
Dollar Loss	\$0	\$17,000	\$0	\$0	\$2,000	\$19,000
<b>Undetermined</b>						
# of Incidents	3	9	2	3	4	21
Dollar Loss	\$0	\$0	\$0	\$2,550	\$0	\$2,550
<b>Yearly Totals</b>						
# of Incidents	1397	1343	1140	1320	1098	6298
Dollar Loss	\$6,815,761	\$6,489,842	\$17,087,599	\$9,741,047	\$5,358,527	\$45,492,776

## REGION 3 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

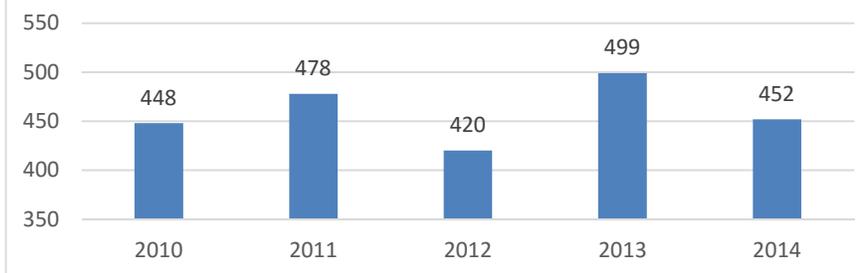
Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of Incidents	448	478	420	499	452	2297
Dollar Loss	\$5,047,872	\$3,808,449	\$3,663,815	\$5,291,468	\$2,458,087	\$20,269,691
<b>Multifamily dwellings</b>						
# of Incidents	91	96	69	82	47	385
Dollar Loss	\$195,490	\$1,024,508	\$342,889	\$827,980	\$115,340	\$2,506,207
<b>Residential, other</b>						
# of Incidents	110	78	46	67	60	361
Dollar Loss	\$34,250	\$11,705	\$23,515	\$128,910	\$178,000	\$376,380
<b>Hotel/motel, commercial</b>						
# of Incidents	4	6	10	5	6	31
Dollar Loss	\$50,000	\$2,500	\$9,570	\$6,000	\$15,500	\$83,570
<b>Residential board and care</b>						
# of Incidents	1	3	2	0	2	8
Dollar Loss	\$0	\$10,050	\$0	\$0	\$13,000	\$23,050
<b>Barracks, dormitory</b>						
# of Incidents	0	1	0	2	0	3
Dollar Loss	\$0	\$0	\$0	\$8,200	\$0	\$8,200
<b>Boarding/rooming house, residential hotels</b>						
# of Incidents	3	5	2	3	0	13
Dollar Loss	\$100	\$2,050	\$0	\$5,000	\$0	\$7,150
<b>Dormitory type residence, other</b>						
# of Incidents	0	1	1	1	0	3
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of Incidents	657	668	550	659	567	3101
Dollar Loss	\$5,327,712	\$4,859,262	\$4,039,789	\$6,267,558	\$2,779,927	\$23,274,248

Dollar Loss from Residential Fires by Property Use



- Residential, other
- 1 or 2 family dwelling
- Multifamily dwellings
- Boarding/rooming house, residential hotels
- Hotel/motel, commercial
- Residential board and care
- Dormitory type residence, other
- Barracks, dormitory

Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 3 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 3 Incident Counts by Agency**

	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	<b>Island County</b>	Island #1, Camano Island	2,634	2,408	1,743	1,367	1,447
Island #2, North Whidbey		1,752	1,509	1,533	1,739	1,465	7,998
Island #3, South Whidbey		2,032	1,849	1,853	2,026	2,192	9,952
Island #5, Central Whidbey		980	553	985	1,118	1,174	4,810
Oak Harbor Fire Department		1,163	1,055	1,041	1,042	1,043	5,344
<b>Yearly Totals</b>		8561	7374	7155	7292	7321	37,703
<b>San Juan County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	San De Fuca Fire Department	0	0	0	0	0	0
	San Juan #2, Orcas Island	690	684	779	887	752	3792
	San Juan #3, San Juan Island	157	106	0	0	0	263
	San Juan #4 Lopez Island	0	45	41	0	0	86
	San Juan #5, Shaw Island	8	5	0	3	6	22
	Lake McMurray Fire Department	0	0	0	0	0	0
	Friday Harbor Fire Department	96	0	0	0	0	96
<b>Yearly Totals</b>	951	840	820	890	758	4259	
<b>Skagit County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Skagit #1, Mount Vernon	0	0	0	0	0	0
	Skagit #2, McLean Road	234	263	254	298	294	1343
	Skagit #3, Conway/Cedardale	273	270	281	265	263	1352
	Skagit #4, Clear Lake	206	206	199	205	201	1017
	Skagit #5, Bow/Edison	196	212	178	204	132	922
	Skagit #6, Burlington	0	0	44	419	389	852
	Skagit #7, Lake Cavanaugh	0	0	0	0	0	0
	Skagit #8, Sedro-Woolley	322	301	273	275	320	1491
	Skagit #9, Big Lake	138	197	218	276	178	1007
	Skagit #10, Concrete	106	86	83	69	87	431
	Skagit #11, Mt. Erie	193	196	184	207	229	1009
	Skagit #12, Bay View	3	0	0	0	0	3
	Skagit #13, Hope Is/Summit Pk	688	688	668	734	801	3579
	Skagit #14, Alger	220	295	296	237	262	1310
	Skagit #15, Lake McMurray	63	39	45	58	56	261
	Skagit # 16, Day Creek	0	4	0	0	0	4
	Skagit #17, Guemes Island	24	0	0	1	75	100
	Skagit #19, Rockport	0	0	0	0	28	28
	Anacortes Fire Department	546	389	365	389	413	2102
	Burlington Fire Department	1,719	1,557	1,568	1,754	664	7262
	Concrete Fire Department	27	36	31	33	41	168
Hamilton Fire Department	0	0	0	0	0	0	
La Conner Fire Department	0	0	0	0	249	249	
Lyman Fire Department	0	0	0	0	0	0	
Mount Vernon Fire Department	4,050	4,038	693	834	0	9615	
Sedro-Woolley Fire Department	1,583	1,520	1,679	1,775	1,676	8233	
<b>Yearly Totals</b>	10591	10297	7059	8033	6358	42338	

	Agency	2010	2011	2012	2013	2014	Total
Whatcom County	Whatcom #1, Everson	23	27	198	707	724	1679
	Whatcom #2, Sudden Valley	0	0	0	0	0	0
	Whatcom #3	0	0	0	0	0	0
	Whatcom #4, Bellingham	465	214	0	0	0	679
	Whatcom #5, Point Roberts	100	113	143	177	171	704
	Whatcom #6, Chuckanut Drive	0	0	0	0	0	0
	Whatcom #7, Ferndale	1,928	889	2,041	2,115	2,922	9895
	Whatcom #8, Marietta	1,042	1,171	1,122	1,128	1,198	5661
	Whatcom #9, Lake Samish	0	0	0	0	0	0
	Whatcom #10, Bellingham	0	0	0	0	0	0
	Lummi Island Fire Department	54	51	60	0	0	165
	Whatcom #13	1	0	0	0	0	1
	Whatcom #14, Sumas	724	706	588	787	957	3762
	Whatcom #16, Acme	4	0	0	0	0	4
	Whatcom #17, Sandy Point	118	94	117	102	154	585
	Whatcom #18, S Lake Whatcom	98	96	97	95	96	482
	Whatcom #19, Glacier	7	0	0	0	0	7
	South Whatcom Fire Authority	622	642	687	723	771	3445
	Whatcom #21	2,167	2,523	2,790	2,895	3,203	13578
	Bellingham Fire Department	14,776	14,044	13,958	14,883	0	57661
	Lynden Fire Department	1,070	1,160	1,201	1,051	1,336	5818
Sumas Fire Department	0	0	0	0	0	0	
	<b>Yearly Totals</b>	23199	21730	23002	24663	11532	104126
	<b>Region 3 Totals</b>	43302	40241	38036	40878	25969	188426

## Region 4

King, Pierce, and Snohomish counties make up Region 4. Over the past five years, an average of 56% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

## Top 5 Incident Types

*(ranked by dollar loss)*

1. Building Fires (\$259,731,339)
2. Forest, Woods or Wildland Fire (\$100,030,003)
3. Passenger Vehicle Fire (\$12,089,595)
4. Water Vehicle Fires (\$4,338,604)
5. Road, Freight or Transport Vehicle Fire (\$3,895,912)

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of Incidents	7,951	8,038	6,453	6,492	6,624	35,558
Dollar Loss	\$81,598,723	\$67,330,978	\$50,488,593	\$45,469,389	\$151,740,476	\$396,628,159
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of Incidents	228,937	215,584	191,391	193,554	190,941	1,020,407
Dollar Loss	\$826,700	\$36,880	\$420,650	\$37,000	\$117,300	\$1,438,530
<b>Service Call</b>						
# of Incidents	22,660	20,928	18,339	17,485	17,537	96,949
Dollar Loss	\$293,100	\$158,435	\$410,680	\$133,751	\$188,500	\$1,184,466
<b>False Alarm &amp; False Call</b>						
# of Incidents	23,936	20,790	18,637	20,679	20,526	104,568
Dollar Loss	\$233,230	\$236,050	\$191,620	\$111,920	\$169,025	\$941,845
<b>Overpressure Rupture, Explosion, Overheat (no fire)</b>						
# of Incidents	766	830	665	735	747	3743
Dollar Loss	\$57,720	\$16,892	\$85,961	\$101,880	\$63,165	\$325,618
<b>Hazardous Condition (No Fire)</b>						
# of Incidents	5662	4674	5839	4245	4595	25015
Dollar Loss	\$87,800	\$59,470	\$25,340	\$36,915	\$16,777	\$226,302
<b>Special Incident Type</b>						
# of Incidents	2,368	2,093	1,442	1,660	2,385	9,948
Dollar Loss	\$5,000	\$151,500	\$0	\$0	\$0	\$156,500
<b>Good Intent Call</b>						
# of Incidents	24,611	23,325	21,850	22,698	23,294	115,778
Dollar Loss	\$30,430	\$6,240	\$100	\$25,500	\$552	\$62,822
<b>Severe Weather &amp; Natural Disaster</b>						
# of Incidents	509	86	437	205	275	1512
Dollar Loss	\$250	\$0	\$0	\$2,500	\$0	\$2,750
<b>Yearly Totals</b>						
# of Incidents	317,400	296,348	265,053	267,753	266,924	1,413,478
Dollar Loss	\$83,132,953	\$67,996,445	\$51,622,944	\$45,918,855	\$152,295,795	\$400,966,992

## REGION 4 FIRE INCIDENTS

Over the past five years, 35,558 fire incidents, resulting in more than \$400 million in property and content loss, have been reported by fire service agencies in Region 4. Structure fires, including confined fires, accounted for nearly 33% of the five-year total and 66% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Confined Fires) (Code 110-129)</b>						
# of Incidents	2,831	2,883	2,096	1,931	1,928	11,669
Dollar Loss	\$72,628,891	\$60,828,334	\$43,164,000	\$40,273,712	\$46,752,378	\$263,647,315
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of Incidents	1247	1577	1255	1486	1511	7076
Dollar Loss	\$32,323	\$57,360	\$359,009	\$117,279	\$100,059,814	\$100,625,785
<b>Vehicle Fires (Code 130-139)</b>						
# of Incidents	1477	1304	1072	1034	977	5864
Dollar Loss	\$7,538,743	\$4,924,035	\$5,190,282	\$3,951,045	\$4,394,264	\$25,998,369
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of Incidents	98	89	60	47	53	347
Dollar Loss	\$1,056,048	\$1,136,650	\$521,650	\$408,197	\$255,903	\$3,378,448
<b>Fire, other</b>						
# of Incidents	405	393	331	356	427	1912
Dollar Loss	\$148,392	\$155,735	\$1,101,236	\$280,380	\$200,585	\$1,886,328
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of Incidents	571	552	494	511	520	2648
Dollar Loss	\$91,360	\$187,003	\$111,962	\$378,890	\$41,728	\$810,943
<b>Outside Rubbish Fires (Code 150-159)</b>						
# of Incidents	1308	1219	1138	1122	1194	5981
Dollar Loss	\$94,916	\$39,911	\$38,904	\$59,886	\$35,294	\$268,911
<b>Cultivated Vegetation Fires (Code 170-170)</b>						
# of Incidents	14	21	7	5	14	61
Dollar Loss	\$8,050	\$1,950	\$1,550	\$0	\$510	\$12,060
<b>Yearly Totals</b>						
# of Incidents	7,951	8,038	6,453	6,492	6,624	35,558
Dollar Loss	\$81,598,723	\$67,330,978	\$50,488,593	\$45,469,389	\$151,740,476	\$396,628,159

## Top 5 Fire Incident Types *(ranked by dollar loss)*

1. Building Fires (\$259,731,339)
2. Forest, Woods or Wildland Fires (\$100,030,003)
3. Passenger Vehicle Fires (\$12,089,595)
4. Water Vehicle Fire (\$4,338,604)
5. Road Freight or Transport Vehicle Fire (\$3,895,912)



**REGION 4 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

**Top 5  
Fire  
Incident  
by  
Property  
Use**  
(ranked by  
dollar loss)

1. 1 or 2 family dwelling (Code 419)
2. Forest, Timberland & Woodland (Code 669)
3. Multifamily Dwellings (Code 429)
4. Department or Discount Store (Code 581)
5. Manufacturing & Processing (Code 700)

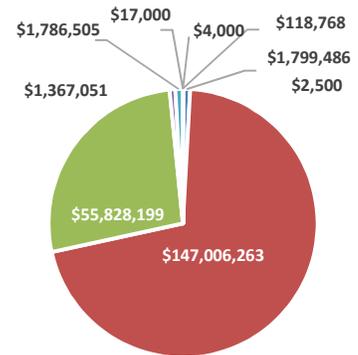
Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of Incidents	3463	3434	2567	2423	2527	14414
Dollar Loss	\$54,747,593	\$49,537,784	\$32,474,672	\$33,946,324	\$37,223,399	\$207,929,772
<b>Industrial, Utility, Defense, Agriculture, Mining</b>						
# of Incidents	56	68	60	50	43	277
Dollar Loss	\$99,000	\$176,002	\$1,295,200	\$68,440	\$100,405,000	\$102,043,642
<b>Storage</b>						
# of Incidents	300	273	207	207	207	1194
Dollar Loss	\$6,846,252	\$4,378,837	\$14,180,049	\$1,999,301	\$6,888,897	\$34,293,336
<b>Mercantile &amp; Business</b>						
# of Incidents	284	299	244	224	284	1335
Dollar Loss	\$8,323,003	\$6,296,226	\$1,360,579	\$3,784,628	\$2,708,901	\$22,473,337
<b>Outside or Special Property</b>						
# of Incidents	2791	2779	2312	2621	2618	13121
Dollar Loss	\$4,555,720	\$3,846,303	\$2,904,233	\$3,080,810	\$3,102,968	\$17,490,034
<b>Assembly</b>						
# of Incidents	196	222	162	183	156	919
Dollar Loss	\$5,169,625	\$1,734,802	\$1,557,475	\$2,100,890	\$3,132,752	\$13,695,544
<b>Manufacturing &amp; Processing</b>						
# of Incidents	66	49	47	43	40	245
Dollar Loss	\$1,657,211	\$584,448	\$4,074,715	\$548,150	\$2,335,902	\$9,200,426
<b>Property Use, other</b>						
# of Incidents	190	182	166	103	78	719
Dollar Loss	\$1,028,162	\$1,197,686	\$597,272	\$478,532	\$438,950	\$3,740,602
<b>Healthcare, Detention &amp; Correction</b>						
# of Incidents	71	53	42	51	44	261
Dollar Loss	\$2,137,428	\$65,963	\$19,763	\$118,751	\$74,105	\$2,416,010
<b>Educational</b>						
# of Incidents	129	162	108	100	99	598
Dollar Loss	\$317,476	\$641,417	\$82,046	\$375,224	\$53,596	\$1,469,759
<b>Undetermined</b>						
# of Incidents	519	594	617	562	581	2873
Dollar Loss	\$31,475	\$31,706	\$64,119	\$18,668	\$28,507	\$174,475
<b>None</b>						
# of Incidents	18	21	15	11	11	76
Dollar Loss	\$200	\$8,700	\$27,900	\$45,971	\$2,302	\$85,073
<b>Yearly Totals</b>						
# of Incidents	8083	8136	6547	6578	6688	36032
Dollar Loss	\$84,913,145	\$68,499,874	\$58,638,023	\$46,565,689	\$156,395,279	\$415,012,010

## REGION 4 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

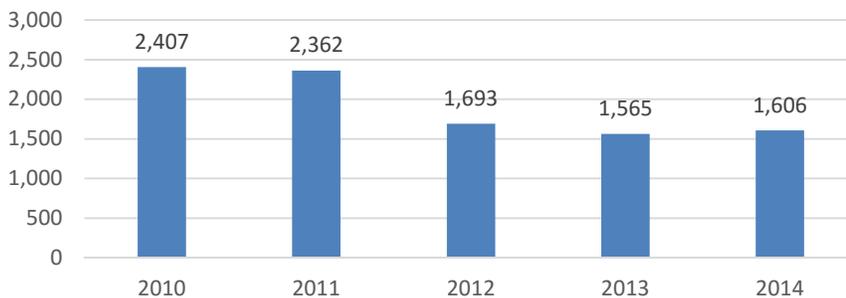
Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of Incidents	2,407	2,362	1,693	1,565	1,606	9633
Dollar Loss	\$41,116,539	\$38,172,339	\$22,577,929	\$22,341,642	\$22,797,814	\$147,006,263
<b>Multifamily dwellings</b>						
# of Incidents	955	964	766	758	787	4230
Dollar Loss	\$11,781,725	\$10,486,479	\$9,363,731	\$10,415,296	\$13,780,968	\$55,828,199
<b>Residential, other</b>						
# of Incidents	52	36	42	39	54	223
Dollar Loss	\$136,915	\$415,750	\$379,300	\$844,321	\$23,200	\$1,799,486
<b>Hotel/motel, commercial</b>						
# of Incidents	23	38	38	36	42	177
Dollar Loss	\$1,229,900	\$197,196	\$140,684	\$124,465	\$94,260	\$1,786,505
<b>Boarding/rooming house, residential hotels</b>						
# of Incidents	11	20	18	17	15	81
Dollar Loss	\$478,504	\$254,719	\$11,028	\$120,600	\$502,200	\$1,367,051
<b>Residential board and care</b>						
# of Incidents	8	11	8	3	9	39
Dollar Loss	\$10	\$8,801	\$1,000	\$85,000	\$23,957	\$118,768
<b>Dormitory type residence, other</b>						
# of Incidents	6	0	2	3	8	19
Dollar Loss	\$0	\$0	\$1,000	\$15,000	\$1,000	\$17,000
<b>Sorority house, fraternity house</b>						
# of Incidents	1	2	0	1	5	9
Dollar Loss	\$4,000	\$0	\$0	\$0	\$0	\$4,000
<b>Barracks, dormitory</b>						
# of Incidents	0	1	0	1	1	3
Dollar Loss	\$0	\$2,500	\$0	\$0	\$0	\$2,500
<b>Yearly Totals</b>						
# of Incidents	3,463	3,434	2,567	2,423	2,527	14,414
Dollar Loss	\$54,747,593	\$49,537,784	\$32,474,672	\$33,946,324	\$37,223,399	\$207,929,772

### Dollar Loss from Residential Fires by Property Use



- Residential, other
- 1 or 2 family dwelling
- Multifamily dwellings
- Boarding/rooming house, residential hotels
- Hotel/motel, commercial
- Residential board and care
- Dormitory type residence, other
- Sorority house, fraternity house
- Barracks, dormitory

### Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 4 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 4 Incident Counts by Agency**

	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>King County</b>	King #2, Burien	0	3,779	4,100	4,240	4,728	16847
	King #4, Shoreline	6,322	8,254	8,835	8,940	9,694	42045
	King #10, Eastside Fire & Rescue	4,907	7,668	7,731	7,861	7,833	36000
	King #11, North Highline	0	4,013	4,492	4,470	4,669	17644
	King #13, Vashon-Maury	0	516	0	0	0	516
	King #16, Northshore	0	2,743	2,859	2,910	2,221	10733
	King #20, Skyway/Bryn Mawr/Lak	0	1,859	1,924	0	2,000	5783
	King #24	0	0	0	0	0	0
	King #25, East Renton	0	0	0	0	0	0
	King #26, Des Moines	0	0	0	0	0	0
	King #27, Fall City	0	419	511	477	518	1925
	King #28, Enumclaw	0	0	0	0	0	0
	Auburn Fire Department	0	0	0	0	0	0
	King #34, Redmond	0	0	0	0	0	0
	Woodinville Fire & Life Safety	0	0	2,896	0	0	2896
	King #37, Kent	0	0	0	0	0	0
	King #39, South King	6,059	14,470	14,155	15,396	9,807	59887
	King #40, Renton	2,132	0	0	0	0	2132
	King #43, Maple Valley	0	2,304	1,005	0	0	3309
	King #44, Mountain View	0	1,162	1,430	0	0	2592
	King #45, Duvall	0	729	772	796	793	3090
	King #47, Kangley/Palmer	0	116	90	82	0	288
	King #50, Skykomish/StevensPass	0	160	0	0	6	166
	King #51, Snoqualmie Pass	0	237	0	0	0	237
	Valley Regional Fire Authority	0	8,934	10,057	7,233	0	26224
	Bellevue Fire Department	12,817	8,683	13,396	13,598	14,326	62820
	Black Diamond Fire Department	0	254	353	0	0	607
	Bothell Fire Department	0	3,702	2,448	4,774	5,383	16307
	Enumclaw/King #28	261	1,831	1,883	491	638	5104
	Kent Fire Department	286	14,465	15,550	15,417	20,119	65837
	Kirkland Fire Department	2,183	6,695	0	0	0	8878
	Mercer Island Fire Department	2,115	1,941	2,112	965	193	7326
	Pacific Fire Department	0	0	0	0	0	0
	Redmond Fire Department	0	6,171	5,319	6,501	6,960	24951
	Renton Fire & Emergency Services	0	12,317	0	13,227	13,493	39037
	Seattle Fire Department	0	11,321	11,765	12,345	13,771	49202
Snoqualmie Fire Department	443	807	749	926	888	3813	
Tukwila Fire Department	1,367	4,330	4,439	4,322	4,490	18948	
SeaTac Fire Department	0	3,354	3,474	2,812	0	9640	
King Co Intl Airport	0	35	1	4	146	186	
Port of Seattle	0	1,683	241	0	0	1924	
	<b>Yearly Totals</b>	38892	134952	122587	127787	122676	546894

	Agency	2010	2011	2012	2013	2014	Total
Pierce County	Pierce #1, Sumner	0	0	0	0	0	0
	Pierce #2, Lakewood	0	1,516	1	0	0	1517
	Pierce #3, University Place	0	11,138	13,401	13,454	13,977	51970
	Pierce #5, Gig Harbor	0	4,378	4,568	4,713	5,395	19054
	Pierce #6, Central Pierce	9,115	18,614	14,318	260	15,107	57414
	Pierce #8, Edgewood	324	0	0	0	0	324
	Pierce #11, North Puyallup	173	0	0	0	0	173
	Pierce #12, Buckley	219	0	0	0	0	219
	Pierce #13, Brown's Point	0	160	166	183	183	692
	Riverside Fire & Rescue	77	402	371	0	0	850
	Pierce #15, South Pierce	0	0	0	0	0	0
	Pierce #16, Key Peninsula	0	1,608	0	0	0	1608
	Pierce #17, Roy/McKenna	0	1,882	0	0	0	1882
	Pierce #18, Orting	0	1,277	1,400	1,383	1,400	5460
	Pierce #20	47	0	0	0	0	47
	Pierce #21, Graham	636	4,861	4,490	3,995	5,023	19005
	Pierce #22, East Pierce	2,478	8,174	5,927	8,336	9,028	33943
	Pierce #23, Elbe/Ashford	0	214	0	0	0	214
	Pierce #25, Crystal Mountain	1	0	0	0	0	1
	Pierce #26, Greenwater	0	0	0	0	0	0
	Pierce #27, Anderson Island	0	179	0	0	9	188
	City of Buckley Fire Department	141	936	896	686	815	3474
	Carbonado Fire Department	0	1	0	0	0	1
	Dupont Fire Department	187	621	550	0	0	1358
	Eatonville Fire Department	0	423	340	394	472	1629
	Milton Fire Department	0	0	0	0	0	0
	Orting Fire Department	0	0	0	0	0	0
	Puyallup Fire Department	2,933	0	0	0	0	2933
	Roy Fire Department	0	0	0	0	0	0
	Ruston Fire Department	0	0	0	0	0	0
	South Prairie Fire Department	0	0	0	0	0	0
	Steilacoom Fire Department	5	367	1	0	0	373
Sumner Fire Department	0	0	0	0	0	0	
Tacoma Fire Department	31,138	36,853	34,499	37,969	40,477	180936	
Wilkeson Fire Department	0	0	0	0	0	0	
McNeil Island Fire Department	2	80	0	0	0	82	
	<b>Yearly Totals</b>	47476	93684	80928	71373	91886	385347

	Agency	2010	2011	2012	2013	2014	Total
Snohomish County	Snohomish #1	0	15,571	13,241	17,683	18,336	64831
	Snohomish #3, Monroe	0	0	0	0	0	0
	Snohomish #4, Snohomish	0	3,150	3,293	1,333	3,279	11055
	Snohomish #5, Sultan	10	869	953	895	937	3664
	Snohomish #7, Clearview	0	36	0	0	0	36
	Snohomish #8, Lake Stevens	0	3,414	2,878	3,192	3,340	12824
	Snohomish #10, Bothell	0	0	0	0	0	0
	Snohomish #14, Stanwood	0	0	0	0	0	0
	Snohomish #15, Tulalip Bay	0	649	344	334	512	1839
	Snohomish #16, Lake Roesiger	26	0	0	0	0	26
	Snohomish #17, Granite Falls	2	1,247	1,491	1,428	374	4542
	Snohomish #18, Bryant	0	0	0	0	0	0
	Snohomish #19, Silvana	0	140	301	331	338	1110
	Snohomish #21, Arlington	0	0	0	263	68	331
	Snohomish #22, Getchell	0	247	335	337	391	1310
	Snohomish #23, Robe Valley	94	0	25	0	0	119
	Snohomish/Skagit #24	0	336	475	383	425	1619
	Snohomish #25, Oso	9	1	32	83	31	156
	Snohomish #26, Gold Bar	0	35	0	1	0	36
	Snohomish #27, Hat Island	0	0	0	0	0	0
	Snohomish #28, Index	106	27	6	2	0	141
	North County Fire and EMS	0	1,509	2,623	2,744	3,442	10318
	Snohomish Co Fire Marshal Office	10	0	0	0	0	10
	Arlington Fire Department	0	3,079	0	2,188	3,828	9095
	Darrington Fire Department	4	0	0	0	0	4
	Edmonds Fire Department	31	0	0	0	0	31
	Everett Fire Department	91	17,721	18,545	19,437	0	55794
	Lynnwood Fire Department	0	5,650	5,424	5,992	3,108	20174
	Marysville Fire Department	6,490	8,312	6,838	7,236	10,618	39494
	Monroe/Snohomish #3	0	2,485	2,769	2,794	1,348	9396
	Mount Lake Terrace Fire Department	0	0	0	0	0	0
	Mukilteo Fire Department	0	1,781	1,800	1,803	1,953	7337
	Stanwood Fire Department	0	1,503	0	0	0	1503
	<b>Yearly Totals</b>	6873	67762	61373	68459	52328	256795
	<b>Region 4 Totals</b>	93241	296398	264888	267619	266890	1189036

## Region 5

Clark, Cowlitz, Lewis, Skamania, Wahkiakum counties make up Region 5. Over the past five years, an average of 55% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1928	1875	2120	1774	1981	15039
Dollar Loss	\$18,788,236	\$10,610,009	\$13,473,408	\$14,453,286	\$19,289,543	\$76,614,482
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	37,366	34,801	38,926	38,128	41,097	199,282
Dollar Loss	\$254,400	\$54,000	\$71,800	\$67,950	\$67,002	\$515,152
<b>Special Incident Type</b>						
# of incidents	1,665	1,538	1,195	675	123	7,007
Dollar Loss	\$275,500	\$0	\$0	\$500	\$0	\$276,000
<b>Service Call</b>						
# of incidents	2176	2114	1827	1899	2220	20975
Dollar Loss	\$38,350	\$26,750	\$1,300	\$204,717	\$3,500	\$274,617
<b>Hazardous Condition (No Fire)</b>						
# of incidents	686	515	670	584	669	14577
Dollar Loss	\$77,750	\$12,800	\$37,900	\$48,210	\$6,100	\$182,760
<b>Good Intent Calls</b>						
# of incidents	5866	6295	6824	7345	7992	43290
Dollar Loss	\$3,400	\$2,500	\$0	\$12,501	\$7,615	\$26,016
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	11	3	18	8	35	4130
Dollar Loss	\$0	\$0	\$1,000	\$15,000	\$0	\$16,000
<b>False Alarm and False Call</b>						
# of incidents	2074	1857	2050	2244	2248	27252
Dollar Loss	\$2,000	\$0	\$100	\$3,000	\$0	\$5,100
<b>Overpressure Rupture, Explosion, Overheat</b>						
# of incidents	58	59	83	61	70	2823
Dollar Loss	\$2,060	\$1,005	\$1,400	\$250	\$500	\$5,215
<b>Yearly Totals</b>						
# of incidents	51,830	49,057	53,713	52,718	56,435	334,375
Dollar Loss	\$19,441,696	\$10,707,064	\$13,586,908	\$14,805,414	\$19,374,260	\$77,915,342

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$65,332,498)
2. Passenger Vehicle Fire (\$4,160,765)
3. Fire, Other (\$1,267,967)
4. Road, Freight or Transport Vehicle Fire (\$932,100)
5. Fire in mobile home used as fixed residence (\$786,752)

## REGION 5 FIRE INCIDENTS

Over the past five years, 15,638 fire incidents, resulting in more than \$209 million in property and content loss, have been reported by fire service agencies in Region 5. Structure fires, including confined fires, accounted for nearly 31% of the five-year total and 87% of the dollar loss to property and content.

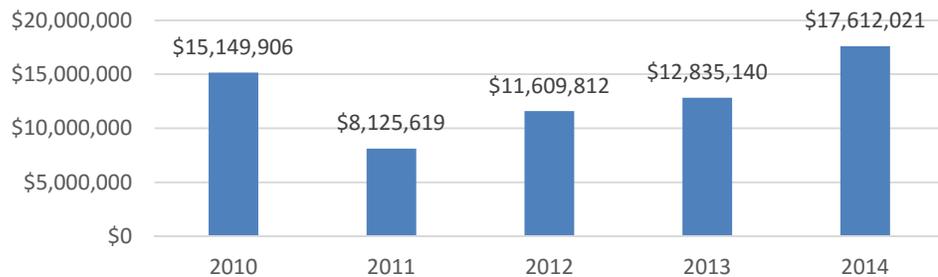
### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Confined Fires) (Code 110-119)</b>						
# of incidents	611	612	664	574	519	2980
Dollar Loss	\$15,228,703	\$8,292,689	\$11,954,865	\$12,944,476	\$17,870,495	\$66,291,228
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	380	254	285	231	265	1415
Dollar Loss	\$3,054,939	\$1,074,426	\$1,116,865	\$856,998	\$913,164	\$7,016,392
<b>Fire, other (Code 100)</b>						
# of incidents	133	120	146	119	159	677
Dollar Loss	\$44,145	\$1,022,915	\$29,047	\$36,754	\$135,106	\$1,267,967
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	24	14	16	23	17	94
Dollar Loss	\$376,260	\$32,200	\$287,300	\$166,950	\$154,492	\$1,017,202
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	67	81	73	68	67	356
Dollar Loss	\$53,237	\$130,752	\$30,258	\$364,600	\$24,296	\$603,143
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	383	509	599	453	537	2481
Dollar Loss	\$9,127	\$40,061	\$33,222	\$51,994	\$170,720	\$305,124
<b>Outside Rubbish Fire (Code 150-159)</b>						
# of incidents	322	280	335	302	409	1648
Dollar Loss	\$20,825	\$15,566	\$21,351	\$31,514	\$21,170	\$110,426
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	8	5	2	4	8	27
Dollar Loss	\$1,000	\$1,400	\$500	\$0	\$100	\$3,000
<b>Yearly Totals</b>						
# of incidents	1928	1875	2120	1774	1981	9678
Dollar Loss	\$18,788,236	\$10,610,009	\$13,473,408	\$14,453,286	\$19,289,543	\$76,614,482

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$65,332,498)
2. Passenger Vehicle Fires (\$4,160,765)
3. Fire, Other (\$1,267,967)
4. Road Freight or Transport Vehicle Fire (\$932,100)
5. Fire in mobile home used as fixed residence (\$786,752)

### Dollar Loss due to Building Fires



**REGION 5 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	864	819	901	793	836	4213
Dollar loss	\$11,893,012	\$6,238,524	\$9,821,970	\$9,846,056	\$14,849,366	\$52,648,928
<b>Storage</b>						
# of incidents	55	48	53	44	37	237
Dollar loss	\$1,386,858	\$544,700	\$461,850	\$706,175	\$1,948,685	\$5,048,268
<b>Outside or Special Property</b>						
# of incidents	676	688	740	614	760	3478
Dollar loss	\$1,420,005	\$882,537	\$809,179	\$640,291	\$573,612	\$4,325,624
<b>Assembly</b>						
# of incidents	56	66	77	57	54	310
Dollar loss	\$2,339,051	\$11,425	\$411,554	\$102,426	\$1,097,182	\$3,961,638
<b>Mercantile &amp; Business</b>						
# of incidents	130	121	163	98	129	641
Dollar loss	\$1,046,860	\$1,106,863	\$1,026,151	\$189,838	\$449,730	\$3,819,442
<b>Manufacturing, processing</b>						
# of incidents	24	24	20	28	30	126
Dollar loss	\$199,500	\$1,710,700	\$840,150	\$218,027	\$72,761	\$3,041,138
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	23	21	30	25	20	119
Dollar loss	\$29,500	\$25,000	\$51,025	\$2,600,000	\$109,100	\$2,814,625
<b>Undetermined</b>						
# of incidents	10	10	25	18	15	78
Dollar loss	\$417,000	\$2,050	\$4,702	\$11,851	\$8,242	\$443,845
<b>Educational</b>						
# of incidents	33	38	51	58	47	227
Dollar loss	\$16,450	\$22,505	\$20,510	\$128,390	\$5,765	\$193,620
<b>Property Use, other</b>						
# of incidents	17	12	19	15	24	87
Dollar loss	\$21,500	\$605	\$1,100	\$9,500	\$140,000	\$172,705
<b>Health Care, Detention &amp; Correction</b>						
# of incidents	24	17	30	20	19	110
Dollar loss	\$18,500	\$61,100	\$16,667	\$232	\$32,100	\$128,599
<b>None</b>						
# of incidents	16	11	11	4	10	52
Dollar loss	\$0	\$4,000	\$8,550	\$500	\$3,000	\$16,050
<b>Yearly Totals</b>						
# of incidents	1928	1875	2120	1774	1981	9678
Dollar loss	\$18,788,236	\$10,610,009	\$13,473,408	\$14,453,286	\$19,289,543	\$76,614,482

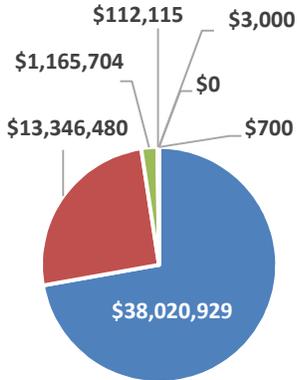
**Top 5  
Fire  
Incident  
by  
Property  
Use**  
*(ranked by  
dollar loss)*

1. 1 or 2 family dwelling (Code 419)
2. Multifamily Dwellings (Code 429)
3. Manufacturing & Processing (Code 700)
4. Utility or Distribution System, Other (Code 640)
5. Warehouse (Code 891)

## REGION 5 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

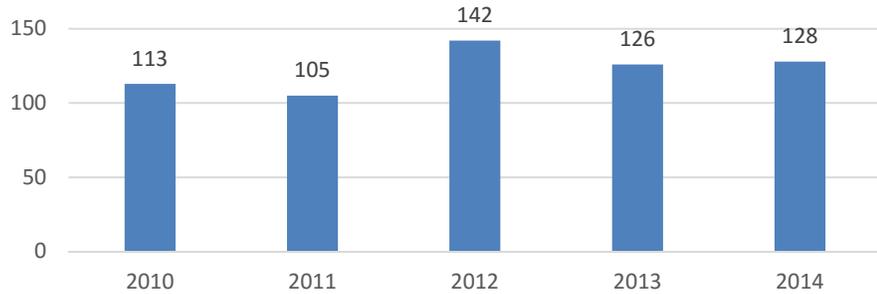
Dollar Loss from Residential Fires by Property Use



- 1 or 2 family dwelling
- Multifamily dwellings
- Residential, other
- Hotel/motel, commercial
- Residential board and care
- Boarding/rooming house, residential hotels
- Dormitory type residence, other

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of incidents	663	663	676	613	639	3254
Dollar loss	\$8,820,452	\$5,723,805	\$7,882,515	\$7,886,214	\$7,707,943	\$38,020,929
<b>Multifamily dwellings</b>						
# of incidents	113	105	142	126	128	614
Dollar loss	\$2,635,400	\$323,454	\$1,619,405	\$1,740,748	\$7,027,473	\$13,346,480
<b>Residential, other</b>						
# of incidents	74	41	74	46	61	296
Dollar loss	\$362,910	\$181,850	\$290,100	\$218,494	\$112,350	\$1,165,704
<b>Hotel/motel, commercial</b>						
# of incidents	11	6	4	8	6	35
Dollar loss	\$72,250	\$8,415	\$29,250	\$600	\$1,600	\$112,115
<b>Residential board and care</b>						
# of incidents	2	3	0	0	0	5
Dollar loss	\$2,000	\$1,000	\$0	\$0	\$0	\$3,000
<b>Boarding/rooming house, residential hotels</b>						
# of incidents	1	0	5		2	8
Dollar loss	\$0	\$0	\$700	\$0	\$0	\$700
<b>Dormitory type residence, other</b>						
# of incidents	0	1	0	0	0	1
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	864	819	901	793	836	4213
Dollar loss	\$11,893,012	\$6,238,524	\$9,821,970	\$9,846,056	\$14,849,366	\$52,648,928

### Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 5 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 5 Incident Counts by Agency**

		<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>Clark County</b>		East County Fire & Rescue	564	611	593	569	636	2973
		Clark #2, Woodland	0	0	0	0	0	0
		Clark #3, Brush Prairie	935	1,057	1,112	1,079	1,191	5374
		Clark #5, Vancouver	0	0	0	0	0	0
		Clark #6, Hazel Dell	5,013	5,589	5,403	5,721	6,181	27907
		Clark #9, Fern Prairie	0	0	0	0	0	0
		Clark #10, Amboy	0	0	0	0	0	0
		Clark #11, Battle Ground	0	0	0	0	0	0
		Clark #12, Ridgefield	0	0	0	0	0	0
		Clark #13, Yacolt	1	4	316	356	88	765
		Clark #14	0	0	0	0	0	0
		Clark County Fire and Rescue	3,256	1,695	2,887	3,828	3,896	15562
		Camas Fire Department	1,371	1,510	1,687	1,530	2,091	8189
		Vancouver Fire Department	22,117	20,782	22,267	22,091	22,534	109791
		<b>Yearly Totals</b>	33257	31248	34265	35174	36617	170561
<b>Cowlitz County</b>		<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
		Cowlitz #1, Woodland	17	100	107	247	186	657
		Cowlitz #2	3,543	3,673	3,520	3,893	3,861	18490
		Cowlitz #3, Toutle	309	262	369	350	282	1572
		Cowlitz #4, Ryderwood	6	0	0	0	0	6
		Cowlitz #5, Kalama	595	537	633	543	573	2881
		Cowlitz #6, Castle Rock	1,058	1,068	754	1,285	1,196	5361
		Cowlitz/Skamania #7,Ariel	32	27	15	13	25	112
		Castle Rock Fire Department	0	0	0	0	0	0
		Longview Fire Department	5,436	5,416	4,986	2,347	3,959	22144
		Woodland Fire Department	922	0	0	0	0	922
	<b>Yearly Totals</b>	11918	11083	10384	8678	10082	52145	

	Agency	2010	2011	2012	2013	2014	Total
Lewis County	Lewis County Fire District #1	29	3	256	304	277	869
	Lewis #2, Toledo	512	610	607	299	635	2663
	Lewis #3, Mossyrock	203	55	278	262	251	1049
	Lewis #4, Morton	27	9	0	0	0	36
	Lewis #5, Napavine	677	731	737	733	870	3748
	Lewis #6, Chehalis	522	482	559	552	547	2662
	Lewis #7, Vadar	192	141	0	0	0	333
	Lewis #8, Salkum/Silver Creek	29	5	0	0	0	34
	Lewis #9, Mineral	0	0	4	1	0	5
	Lewis #10, Packwood	8	0	133	187	152	480
	Lewis #11, Pe Ell	0	0	0	0	0	0
	Lewis #12, Centralia	0	0	0	0	0	0
	Lewis #13, Curtis	66	2	0	0	0	68
	Lewis #14, Randle	197	129	186	177	253	942
	Lewis #15	511	574	591	533	572	2781
	Lewis #16, Doty/Dryad/Meskill	0	0	0	0	0	0
	Lewis #17, Big Creek	0	0	0	0	0	0
	Lewis #18, Glenoma	78	75	107	94	111	465
	Riverside Fire Authority	3,269	3,676	3,998	4,047	4,179	19169
	Chehalis Fire Department	185	116	1,481	1,541	1,753	5076
	Morton Fire Department	65	42	0	0	0	107
Pe Ell Fire Department	0	0	0	0	0	0	
<b>Yearly Totals</b>		6570	6650	8937	8730	9600	40487
Skamania County	Agency	2010	2011	2012	2013	2014	Total
	Skamania #1, Carson	0	0	0	0	0	0
	Skamania #2, Stevenson	0	0	0	0	0	0
	Skamania #3, Underwood	27	26	35	30	35	153
	Skamania #4, Washougal	0	0	0	0	0	0
	Skamania County FPD #5	8	0	0	0	0	8
	Skamania #6, Cougar	0	0	0	0	0	0
	North Bonneville Fire Department	17	0	0	0	0	17
	Stevenson Fire Department	0	12	56	55	50	173
	Mill-A Volunteers Fire Department	4	2	0	0	0	6
<b>Yearly Totals</b>		8636	8701	11040	10828	11700	40844
Wahkiakum County	Agency	2010	2011	2012	2013	2014	Total
	Wahkiakum #1, Cathlamet	10	0	0	1	15	26
	Wahkiakum #2, Skamokawa	0	0	0	0	0	0
	Wahkiakum #3, Grays River	2	4	0	0	0	6
	Wahkiakum #4, Cathlamet	13	29	28	48	34	152
	Cathlamet Fire Department	0	0	0	0	0	0
<b>Yearly Totals</b>		25	33	28	49	49	184
<b>Region 5 Totals</b>		60406	57715	64654	63459	68048	304221

## Region 6

Chelan, Douglas, Grant, and Okanogan counties make up Region 6. Over the past five years, an average of 48% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1161	975	858	761	821	4576
Dollar Loss	\$8,771,987	\$8,712,841	\$5,711,882	\$5,994,647	\$2,678,470	\$31,869,827
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	6186	4740	4377	4583	4536	24422
Dollar Loss	\$152,050	\$301,150	\$61,600	\$70,000	\$60,100	\$644,900
<b>False Alarm &amp; False Call</b>						
# of incidents	733	634	605	643	613	3228
Dollar Loss	\$0	\$12,000	\$267,500	\$0	\$29,000	\$308,500
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	11	2	27	28	5	73
Dollar Loss	\$1,000	\$0	\$0	\$25,000	\$0	\$26,000
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	49	59	41	28	29	206
Dollar Loss	\$1,750	\$6,051	\$0	\$0	\$14,030	\$21,831
<b>Hazardous Conditions</b>						
# of incidents	323	255	170	197	205	1150
Dollar Loss	\$4,150	\$1,700	\$1,950	\$100	\$0	\$7,900
<b>Service Call</b>						
# of incidents	356	298	267	250	259	1430
Dollar Loss	\$0	\$1,300	\$0	\$0	\$0	\$1,300
<b>Good Intent Call</b>						
# of incidents	1331	1201	1090	801	876	5299
Dollar Loss	\$0	\$0	\$1,000	\$0	\$0	\$1,000
<b>Special Incident Type</b>						
# of incidents	30	28	17	93	130	298
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	10180	8192	7452	7384	7474	40682
Dollar Loss	\$8,930,937	\$9,035,042	\$6,043,932	\$6,089,747	\$2,781,600	\$32,881,258

### Top 5 Incident Types

(ranked by dollar loss)

1. Building Fires (\$26,026,276)
2. Off-Road Vehicle or Heavy Equipment Fire (\$1,634,000)
3. Passenger Vehicle Fire (\$1,420,429)
4. Fire, Other (\$1,267,967)
5. Cultivated Vegetation, Crop, Fire, Other (\$527,925)

## REGION 6 FIRE INCIDENTS

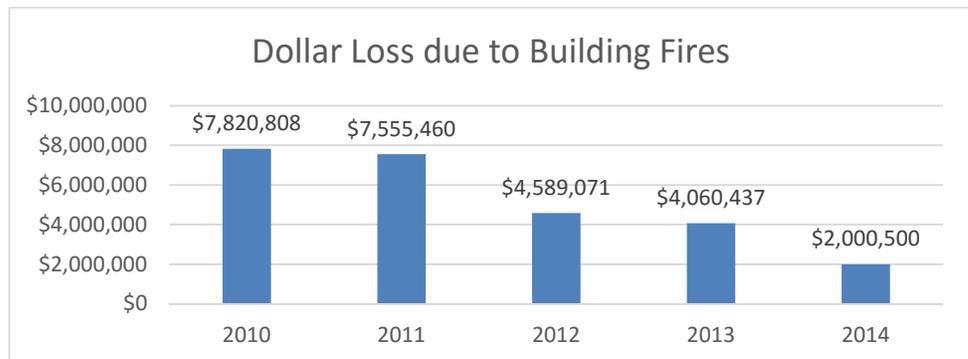
Over the past five years, 4756 fire incidents, resulting in more than \$31 million in property and content loss, have been reported by fire service agencies in Region 6. Structure fires, including confined fires, accounted for nearly 23% of the five-year total and 82% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Combined Fires) (Code 110-119)</b>						
# of incidents	281	243	182	187	183	1076
Dollar Loss	\$7,913,890	\$7,567,760	\$4,593,482	\$4,062,462	\$2,002,810	\$26,140,404
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	175	144	115	99	96	629
Dollar Loss	\$336,302	\$905,751	\$337,978	\$1,625,300	\$194,400	\$3,399,731
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	449	391	365	344	403	1952
Dollar Loss	\$388,610	\$116,900	\$107,052	\$0	\$428,800	\$1,041,362
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	35	18	28	12	29	122
Dollar Loss	\$0	\$3,750	\$518,300	\$25	\$29,100	\$551,175
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	54	38	29	22	31	174
Dollar Loss	\$14,450	\$4,020	\$16,050	\$254,500	\$4,100	\$293,120
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	13	21	13	11	10	68
Dollar Loss	\$104,930	\$102,500	\$30,500	\$37,300	\$0	\$275,230
<b>Outside Rubbish Fire (Code 150-159)</b>						
# of incidents	154	120	126	86	69	555
Dollar Loss	\$9,205	\$160	\$104,500	\$10,060	\$2,010	\$125,935
<b>Fire, other</b>						
# of incidents	43	29	34	38	36	180
Dollar Loss	\$4,600	\$12,000	\$4,020	\$5,000	\$17,250	\$42,870
<b>Yearly Totals</b>						
# of incidents	1204	1004	892	799	857	4756
Dollar Loss	\$8,771,987	\$8,712,841	\$5,711,882	\$5,994,647	\$2,678,470	\$31,869,827

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$26,026,276)
2. Off-Road Vehicle or Heavy Equipment (\$1,634,000)
3. Passenger Vehicle Fire (\$1,420,429)
4. Cultivated vegetation, crop fire, other (\$527,925)
5. Brush, or brush and grass mixture fire (\$513,210)



**REGION 6 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	336	298	217	245	254	1350
Dollar loss	\$5,737,341	\$3,286,260	\$1,976,633	\$2,238,772	\$1,005,560	\$14,244,566
<b>Storage</b>						
# of incidents	37	30	23	34	33	157
Dollar loss	\$1,966,200	\$2,029,600	\$824,550	\$1,343,200	\$278,200	\$6,441,750
<b>Mercantile &amp; Business</b>						
# of incidents	28	29	17	20	15	109
Dollar loss	\$12,100	\$1,801,450	\$1,606,301	\$333,000	\$320,500	\$4,073,351
<b>Outside or Special Property</b>						
# of incidents	615	536	525	394	432	2502
Dollar loss	\$672,430	\$165,821	\$980,378	\$131,675	\$484,300	\$2,434,604
<b>Manufacturing, processing</b>						
# of incidents	7	9	8	12	5	41
Dollar loss	\$16,001	\$200,150	\$42,000	\$1,559,000	\$15,000	\$1,832,151
<b>Assembly</b>						
# of incidents	21	18	10	12	11	72
Dollar loss	\$249,635	\$455,060	\$41,000	\$2,500	\$250,000	\$998,195
<b>None</b>						
# of incidents	27	6	5	7	9	54
Dollar loss	\$5,010	\$706,000	\$10,000	\$0	\$28,000	\$749,010
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	64	45	41	38	49	237
Dollar loss	\$59,600	\$33,500	\$216,000	\$360,500	\$78,100	\$747,700
<b>Property Use, other</b>						
# of incidents	28	5	10	11	25	79
Dollar loss	\$51,600	\$17,000	\$13,000	\$0	\$126,100	\$207,700
<b>Health Care, Detention &amp; Correction</b>						
# of incidents	8	6	1	1	3	19
Dollar loss	\$1,100	\$15,000	\$20	\$0	\$88,000	\$104,120
<b>Undetermined</b>						
# of incidents	26	16	27	23	17	109
Dollar loss	\$0	\$2,000	\$2,000	\$24,000	\$4,700	\$32,700
<b>Educational</b>						
# of incidents	5	5	8	2	4	24
Dollar loss	\$1,000	\$1,000	\$0	\$2,000	\$10	\$4,010
<b>Yearly Totals</b>						
# of incidents	1202	1003	892	799	857	4753
Dollar loss	\$8,772,017	\$8,712,841	\$5,711,882	\$5,994,647	\$2,678,470	\$31,869,857

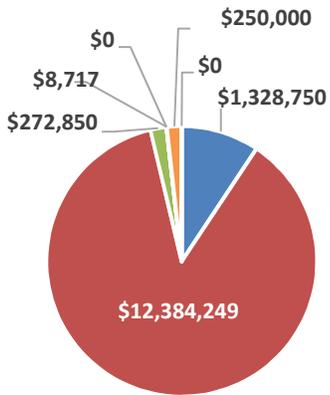
**Top 5  
Fire  
Incident  
by  
Property  
Use**  
*(ranked by  
dollar loss)*

1. 1 or 2 family dwelling (Code 419)
2. Storage, Other (Code 800)
3. Warehouse (Code 891)
4. Residential, Other (Code 400)
5. Open Land or Field (Code 931)

## REGION 6 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

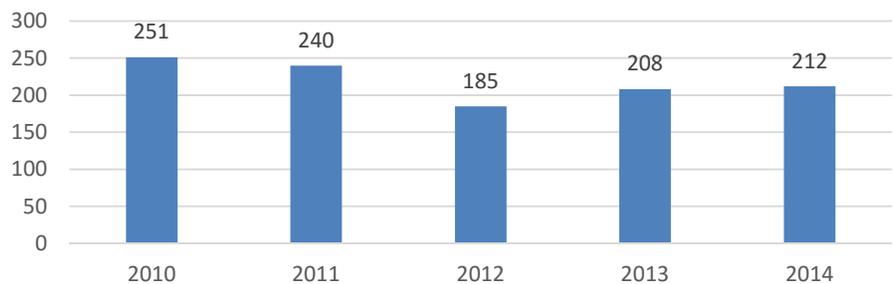
Dollar Loss from Residential Fires by Property Use



- Residential, other
- 1 or 2 family dwelling
- Multifamily dwellings
- Boarding/rooming house, residential hotels
- Hotel/motel, commercial
- Residential board and care
- Dormitory type residence, other

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of incidents	251	240	185	208	212	1096
Dollar loss	\$5,336,161	\$2,018,910	\$1,927,833	\$2,154,185	\$947,160	\$12,384,249
<b>Residential, other</b>						
# of incidents	49	36	19	8	15	127
Dollar loss	\$78,450	\$1,179,000	\$16,300	\$55,000	\$0	\$1,328,750
<b>Multifamily dwellings</b>						
# of incidents	30	19	12	22	21	104
Dollar loss	\$68,700	\$88,250	\$32,500	\$25,000	\$58,400	\$272,850
<b>Residential board and care</b>						
# of incidents	1	0	0	1	2	4
Dollar loss	\$250,000	\$0	\$0	\$0	\$0	\$250,000
<b>Hotel/motel, commercial</b>						
# of incidents	4	2	1	6	3	16
Dollar loss	\$4,030	\$100	\$0	\$4,587	\$0	\$8,717
<b>Boarding/rooming house, residential hotels</b>						
# of incidents	1	0	0	0	1	2
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Dormitory type residence, other</b>						
# of incidents	0	1	0	0	0	1
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	336	298	217	245	254	1350
Dollar loss	\$5,737,341	\$3,286,260	\$1,976,633	\$2,238,772	\$1,005,560	\$14,244,566

Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 6 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 6 Incident Counts by Agency**

	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>Chelan County</b>	Chelan #1, Sunnyslope	416	404	534	567	600	2521
	Chelan #3	487	0	0	0	0	487
	Chelan #4, Ponderosa	9	29	36	31	26	131
	Chelan #5, Manson	64	75	346	400	312	1197
	Chelan #6, Monitor/Dryden	255	0	0	0	0	255
	Chelan #7	627	752	577	818	772	3546
	Chelan #8, Entiat	0	0	68	99	200	367
	Chelan #9, Lk Wenatchee/Plain	70	94	96	94	67	421
	Chelan #10, Stehekan	0	0	0	0	0	0
	Cashmere Fire Department	27	7	0	0	0	34
	Wenatchee Fire Department	2,527	2,075	2,380	2,571	2,422	11975
	<b>Yearly Totals</b>		4482	3436	4037	4580	4399
<b>Douglas County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Douglas #1, Waterville	54	36	68	0	0	158
	Douglas #2	1,109	1,007	0	0	0	2116
	Douglas #3, Grand Coulee	18	0	0	0	0	18
	Douglas #4, Orondo	4	97	139	110	147	497
	Douglas #5, Mansfield	19	14	72	51	81	237
	Douglas #6, Brewster	0	0	0	0	0	0
	Douglas #7, Bridgeport	0	0	0	0	0	0
	Bridgeport Fire Department/Ambulance	3	1	0	0	0	4
<b>Yearly Totals</b>		1207	1155	279	161	228	3030
<b>Grant County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Grant #3	402	405	404	0	0	1211
	Grant #4, Warden	26	3	0	0	71	100
	Grant #5, Moses Lake	1,550	1,062	781	981	1,065	5439
	Grant #6, Hartline	0	0	0	0	0	0
	Grant #7, Soap Lake	208	172	148	196	223	947
	Grant #8	366	96	0	0	0	462
	Grant #10, Royal Slope	68	252	246	253	289	1108
	Grant #11, E Royal Slope	38	29	29	35	32	163
	Grant #12, Wilson Creek	10	0	0	0	0	10
	Grant #13, Ephrata	95	93	88	103	113	492
	Grant #14, Electric City	0	0	0	0	0	0
	Grant #15, Mose Lake	0	0	0	0	0	0
	Coulee City/Douglas #8	5	21	11	8	6	51
	Electric City Fire Department	14	8	14	13	7	56
	Ephrata Fire Department	212	224	309	317	366	1428
	Grand Coulee Fire Department	0	0	0	0	0	0
	Hartline Fire Department	0	0	0	0	0	0
	Krupp/Marlin Fire Department	0	0	0	0	0	0
	Moses Lake Fire Department	474	472	506	448	455	2355
City of Quincy	131	97	209	0	0	437	
Soap Lake Fire Department	27	20	0	0	0	47	
<b>Yearly Totals</b>		3626	2954	2745	2354	2627	14306

Okanogan County	Agency	2013	2011	2012	2013	2014	Total
	Okanogan #1, Oroville	0	0	0	0	0	0
	Okanogan #2, Elmer City	6	0	0	0	0	6
	Okanogan #3, Malott	134	109	0	0	0	243
	Okanogan #4, Tonasket	95	57	49	74	72	347
	Okanogan #5, Brewster/Pateros	0	0	0	0	0	0
	Okanogan#6/City of Winthrop	101	94	86	117	16	414
	Okanogan #7	9	0	0	0	0	9
	Okanogan #8, Okanogan	0	0	0	0	0	0
	Okanogan #9	2	6	3	8	7	26
	Okanogan #10, Loomis	0	0	0	0	0	0
	Okanogan #11, Molson/Chesaw	0	0	0	0	0	0
	Okanogan #12, Tonasket	0	0	0	0	0	0
	Douglas- Okanogan Co. Fire Dist. 15	97	93	127	115	160	592
	Okanogan #16	23	0	0	0	0	23
	Brewster Fire Department	0	0	0	0	0	0
	Coulee Dam Fire Department	0	0	0	0	0	0
	Nespelem Fire Department	52	0	0	0	0	52
	Okanogan Fire Department	51	50	118	0	0	219
	Omak Fire Department	148	121	0	0	0	269
Oroville/Okanogan #1	79	43	0	0	0	122	
Pateros Fire Department	0	0	0	0	0	0	
Twisp Fire Department	30	33	0	0	0	63	
Winthrop Fire Department	0	0	0	0	0	0	
Conconully Fire Department	30	31	24	9	0	94	
<b>Yearly Totals</b>	857	637	407	323	255	2479	
<b>Region 6 Totals</b>	10172	8182	7468	7418	7509	40749	

## Region 7

Kittitas, Klickitat, and Yakima counties make up Region 7. Over the past five years, an average of 59% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1625	1475	1214	1309	1300	6923
Dollar loss	\$34,790,258	\$18,153,357	\$18,588,157	\$12,001,361	\$14,721,525	\$98,254,658
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	31	26	17	34	26	134
Dollar loss	\$5,001,800	\$750	\$35,850	\$2,250	\$710	\$5,041,360
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	18,364	14,213	12,511	13,519	12,848	71,455
Dollar loss	\$341,970	\$218,550	\$192,100	\$347,300	\$145,700	\$1,245,620
<b>Hazardous Conditions</b>						
# of incidents	388	283	302	328	306	1607
Dollar loss	\$29,630	\$12,675	\$128,052	\$23,431	\$9,400	\$203,188
<b>Service Call</b>						
# of incidents	1067	1007	844	1238	1194	5350
Dollar loss	\$21,600	\$2,100	\$27,503	\$60,815	\$78,350	\$190,368
<b>False Alarm &amp; False Call</b>						
# of incidents	1325	1122	842	1036	1040	5365
Dollar loss	\$28,000	\$2,500	\$6,700	\$10,000	\$0	\$47,200
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	9	6	18	10	18	61
Dollar loss	\$0	\$0	\$20,000	\$0	\$5,000	\$25,000
<b>Good Intent Call</b>						
# of incidents	2410	1930	1789	2235	2194	10558
Dollar loss	\$1,305	\$5,000	\$5,200	\$3,100	\$50	\$14,655
<b>Special Incident Type</b>						
# of incidents	81	58	31	61	90	321
Dollar loss	\$0	\$2,500	\$2,500	\$0	\$0	\$5,000
<b>Yearly Totals</b>						
# of incidents	25,300	20,120	17,568	19,770	19,016	101,774
Dollar loss	\$40,214,563	\$18,397,432	\$19,006,062	\$12,448,257	\$14,960,735	\$105,027,049

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$75,106,070)
2. Forest, Woods or Wildland Fire (\$6,730,080)
3. Fire, Other (\$6,246,357)
4. Air Gas Rupture of Pressure or Process Vessel (\$5,000,000)
5. Passenger Vehicle Fire (\$2,964,905)

## REGION 7 FIRE INCIDENTS

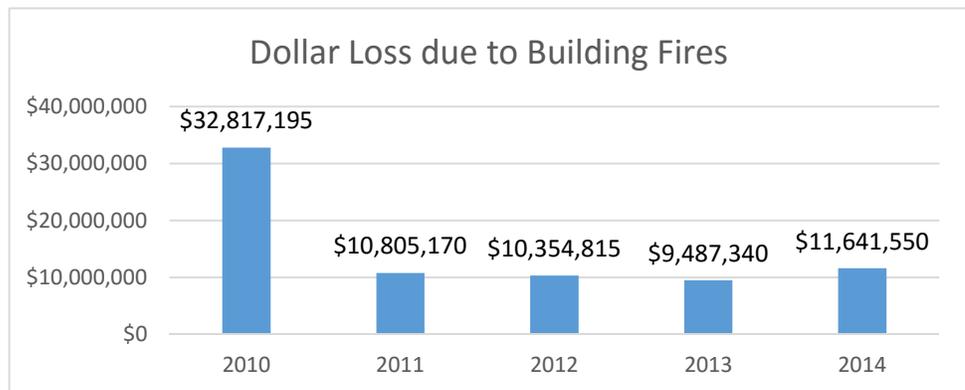
Over the past five years, 6,923 fire incidents, resulting in more than \$98 million in property and content loss, have been reported by fire service agencies in Region 7. Structure fires, including confined fires, accounted for nearly 30% of the five-year total and 77% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Combined Fires) (Code 110-119)</b>						
# of incidents	500	479	334	401	385	2099
Dollar loss	\$32,850,380	\$10,846,357	\$10,376,380	\$9,659,169	\$11,683,590	\$75,415,876
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	499	469	439	434	415	2256
Dollar loss	\$167,780	\$185,100	\$6,785,580	\$82,002	\$938,360	\$8,158,822
<b>Fire, other (Code 100)</b>						
# of incidents	95	124	111	92	99	521
Dollar loss	\$184,785	\$5,654,040	\$205,432	\$143,400	\$58,700	\$6,246,357
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	293	220	179	218	208	1118
Dollar loss	\$1,166,380	\$1,139,800	\$785,975	\$1,681,100	\$1,435,600	\$6,208,855
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	17	17	13	19	15	81
Dollar loss	\$162,190	\$141,960	\$98,640	\$149,515	\$321,400	\$873,705
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	15	11	22	12	16	76
Dollar loss	\$199,101	\$43,500	\$213,700	\$50,800	\$170,900	\$678,001
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	57	49	42	43	45	236
Dollar loss	\$52,452	\$139,620	\$117,950	\$232,550	\$108,300	\$650,872
<b>Outside Rubbish Fire (Code 150-159)</b>						
# of incidents	149	106	74	90	117	536
Dollar loss	\$7,190	\$2,980	\$4,500	\$2,825	\$4,675	\$22,170
<b>Yearly Totals</b>						
# of incidents	1625	1475	1214	1309	1300	6923
Dollar loss	\$34,790,258	\$18,153,357	\$18,588,157	\$12,001,361	\$14,721,525	\$98,254,658

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$75,106,070)
2. Forest, Woods or Wildland Fire (\$6,730,080)
3. Fire, Other (\$6,246,357)
4. Passenger Vehicle Fire (\$2,964,905)
5. Off-road Vehicle or Heavy Equipment Fire (\$1,421,200)



**REGION 7 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	580	537	420	498	421	2456
Dollar loss	\$8,263,580	\$8,276,582	\$7,826,842	\$7,128,505	\$7,263,080	\$38,758,589
<b>Storage</b>						
# of incidents	53	63	47	49	43	255
Dollar loss	\$18,648,150	\$7,297,700	\$959,420	\$1,086,780	\$1,669,000	\$29,661,050
<b>Outside or Special Property</b>						
# of incidents	779	728	609	626	626	3368
Dollar loss	\$1,015,727	\$1,283,480	\$730,742	\$1,469,861	\$2,641,780	\$7,141,590
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	31	28	38	35	42	174
Dollar loss	\$82,400	\$47,500	\$5,322,378	\$464,115	\$266,400	\$6,182,793
<b>Manufacturing, processing</b>						
# of incidents	25	18	15	16	12	86
Dollar loss	\$2,688,480	\$217,250	\$634,200	\$257,600	\$1,185,000	\$4,982,530
<b>Mercantile &amp; Business</b>						
# of incidents	51	37	29	31	40	188
Dollar loss	\$2,814,850	\$331,700	\$390,950	\$333,900	\$438,900	\$4,310,300
<b>Assembly</b>						
# of incidents	21	23	15	20	27	106
Dollar loss	\$1,061,050	\$530,645	\$26,000	\$1,255,250	\$1,164,945	\$4,037,890
<b>Educational</b>						
# of incidents	7	16	12	2	13	50
Dollar loss	\$7,251	\$130,550	\$2,605,025	\$0	\$10,370	\$2,753,196
<b>None</b>						
# of incidents	48	5	10	19	56	138
Dollar loss	\$203,000	\$4,000	\$0	\$0	\$75,500	\$282,500
<b>Undetermined</b>						
# of incidents	10	6	2	2	0	20
Dollar loss	\$0	\$0	\$82,000	\$0	\$0	\$82,000
<b>Health Care, Detention, &amp; Correction</b>						
# of incidents	8	6	9	5	7	35
Dollar loss	\$0	\$32,200	\$10,600	\$5,100	\$5,550	\$53,450
<b>Property Use, other</b>						
# of incidents	12	7	8	6	13	46
Dollar loss	\$5,770	\$1,750	\$0	\$250	\$1,000	\$8,770
<b>Yearly Totals</b>						
# of incidents	213	146	138	136	210	843
Dollar loss	\$6,862,801	\$1,295,595	\$9,071,153	\$2,316,215	\$3,147,665	\$22,693,429

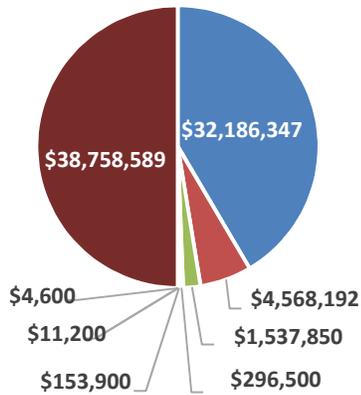
**Top 5  
Fire  
Incident  
by  
Property  
Use**  
*(ranked by  
dollar loss)*

1. 1 or 2 family dwelling (Code 419)
2. Warehouse (Code 891)
3. Forest, Timberland or Woodland (Code 669)
4. Outside Material or Storage Area (Code 807)
5. Manufacturing, processing (Code 700)

## REGION 7 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

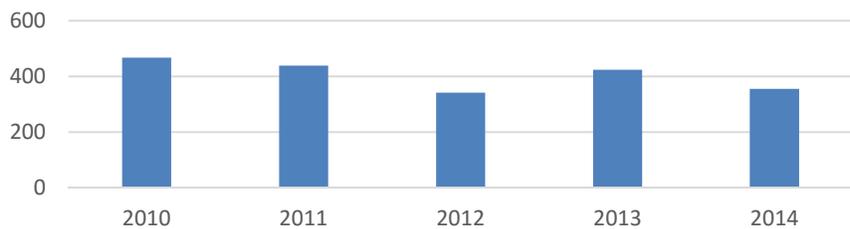
Dollar Loss from Residential Fires by Property Use



- 1 or 2 family dwelling
- Multifamily dwellings
- Residential, other
- Residential board and care
- Boarding/Rooming House, Residential Hotels
- Hotel/Motel, commercial
- Dormitory type residence, other
- Dormitory type residence, other

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of incidents	467	439	342	424	355	2027
Dollar loss	\$7,383,580	\$7,966,240	\$4,776,722	\$5,771,935	\$6,287,870	\$32,186,347
<b>Multifamily dwellings</b>						
# of incidents	62	48	33	42	44	229
Dollar loss	\$347,200	\$164,192	\$1,800,720	\$1,350,120	\$905,960	\$4,568,192
<b>Residential, other</b>						
# of incidents	37	42	39	23	14	155
Dollar loss	\$482,600	\$63,550	\$922,000	\$5,700	\$64,000	\$1,537,850
<b>Residential board and care</b>						
# of incidents	2	0	2	1	0	5
Dollar loss	\$30,000	\$0	\$266,500	\$0	\$0	\$296,500
<b>Boarding/Rooming House, Residential Hotels</b>						
# of incidents	4	6	3	4	5	22
Dollar loss	\$10,600	\$80,600	\$60,900	\$250	\$1,550	\$153,900
<b>Hotel/Motel, commercial</b>						
# of incidents	5	2	1	4	2	14
Dollar loss	\$6,500	\$2,000	\$0	\$500	\$2,200	\$11,200
<b>Dormitory type residence, other</b>						
# of incidents	3	0	0	0	1	4
Dollar loss	\$3,100	\$0	\$0	\$0	\$1,500	\$4,600
<b>Yearly Totals</b>						
# of incidents	580	537	420	498	421	2456
Dollar loss	\$8,263,580	\$8,276,582	\$7,826,842	\$7,128,505	\$7,263,080	\$38,758,589

Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 7 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 7 Incident Counts by Agency**

Kittitas County	Agency	2010	2011	2012	2013	2014	Total
	Kittitas #1, Thorp	140	125	157	97	125	644
	Kittitas #2, Kittitas Valley	3,098	801	0	0	0	3899
	Kittitas #3, Easton	0	0	0	0	0	0
	Kittitas #4, Vantage	0	0	0	0	0	0
	Kittitas #6, Lake Cle Elum	28	39	78	75	0	220
	Kittitas #7	457	481	564	530	602	2634
	Kittitas #8, Lake Kachess	83	20	0	0	0	103
	Kittitas Fire Marshal	0	0	0	0	0	0
	Cle Elum Fire Department	318	308	396	331	302	1655
	Ellensburg Fire Department	0	0	0	0	0	0
	Kittitas Fire Department	14	69	40	7	23	153
	Roslyn Fire Department	16	15	76	53	0	160
	S. Cle Elum Fire Department	82	50	24	39	2	197
	<b>Yearly Totals</b>	4236	1908	1335	1132	1054	9665
Klickitat County	Agency	2010	2011	2012	2013	2014	Total
	Klickitat #1, Trout Lake	4	2	0	0	0	6
	Klickitat #2, Bickleton	7	0	0	0	0	7
	Klickitat #3, Husum/Cherry LN	117	140	0	0	0	257
	Klickitat #4, Lyle	112	89	122	128	103	554
	Klickitat #5, Centerville	16	8	9	0	0	33
	Klickitat #6, Dallesport	97	133	133	148	142	653
	Klickitat #7, Goldendale	268	49	394	313	419	1443
	Klickitat #8, Glenwood	0	0	0	0	0	0
	Klickitat #9, Roosevelt	14	0	0	0	0	14
	Klickitat #10, Alderdale	0	0	0	0	0	0
	Klickitat #11, Wishram	5	0	0	0	0	5
	Klickitat #12, Klickitat	0	0	0	0	0	0
	Klickitat #13, Appleton	4	2	4	4	11	25
	Klickitat #14, High Prairie	17	0	2	0	0	19
	Klickitat #15	0	0	0	0	0	0
	Bingen Fire Department	10	5	0	0	0	15
Goldendale Fire Department	83	36	3	0	0	122	
White Salmon Fire Department	24	27	13	25	10	99	
<b>Yearly Totals</b>	778	491	680	618	685	3252	

	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
<b>Yakima County</b>	Yakima #1, Highland	222	235	261	212	242	1172
	Yakima #2, Selah	1,183	1,107	1,194	1,270	1,318	6072
	Naches Fire Department	49	3	0	0	0	52
	Yakima #4, Moxee	877	750	899	985	921	4432
	Yakima #5, Zillah	2,705	2,534	1,868	2,528	2,517	12152
	Yakima County Fire District #6	39	20	0	0	0	59
	Yakima #7, Glade	0	0	0	0	0	0
	Yakima #9, Naches Heights	72	61	77	89	102	401
	Yakima #11, Broadway	0	0	0	0	0	0
	Yakima #12, West Valley	560	610	628	583	653	3034
	Yakima #14, Nile/Cliffdell	0	0	0	0	1	1
	Yakima Fire Marshal	0	0	0	0	0	0
	Grandview Fire Department	517	500	404	565	587	2573
	Granger Fire Department	154	116	119	114	18	521
	Mabton Fire Department	81	106	0	0	0	187
	Sunnyside Fire Department	1,897	1,822	1,857	1,971	2,016	9563
	Tieton Fire Department	0	0	0	0	0	0
	Toppenish Fire Department	637	628	341	607	609	2822
	Union Gap Fire Department	861	698	848	891	619	3917
	Wapato Fire Department	504	0	0	0	0	504
Yakima Fire Department	9,729	8,351	6,862	8,120	7,482	40544	
Zillah Fire Department	192	146	188	80	190	796	
	<b>Yearly Totals</b>	20279	17687	15546	18015	17275	88802
	<b>Region 7 Totals</b>	25293	20086	17561	19765	19014	101719

## Region 8

Adams, Asotin, Benton, Columbia, Garfield, Franklin, Walla Walla, and Whitman counties make up Region 8. Over the past five years, an average of 45% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1600	1568	1235	1245	1138	6786
Dollar Loss	\$9,966,814	\$8,736,893	\$6,104,635	\$19,573,895	\$5,666,927	\$50,049,164
<b>False Alarm &amp; False Call</b>						
# of incidents	2686	2500	2230	2086	2317	11819
Dollar Loss	\$30	\$51,100	\$200	\$508,500	\$131,000	\$690,830
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	16871	16938	16670	16286	15849	82614
Dollar Loss	\$208,000	\$59,500	\$100,000	\$124,000	\$58,000	\$549,500
<b>Hazardous Conditions</b>						
# of incidents	563	510	501	493	447	2514
Dollar Loss	\$30,275	\$4,000	\$3,950	\$28,800	\$389,750	\$456,775
<b>Service Call</b>						
# of incidents	1221	1235	1096	1052	1110	5714
Dollar Loss	\$13,700	\$72,500	\$14,000	\$40,500	\$29,450	\$170,150
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	44	32	38	31	19	164
Dollar Loss	\$50	\$90,590	\$2,239	\$100	\$58,800	\$151,779
<b>Good Intent Call</b>						
# of incidents	1849	1980	1773	1693	1935	9230
Dollar Loss	\$0	\$200	\$0	\$40,100	\$70,800	\$111,100
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	11	8	15	30	13	77
Dollar Loss	\$0	\$10,000	\$1,200	\$20,000	\$0	\$31,200
<b>Special Incident Type</b>						
# of incidents	81	66	67	67	58	339
Dollar Loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	24926	24837	23625	22983	22886	119257
Dollar Loss	\$10,218,869	\$9,024,783	\$6,226,224	\$20,335,895	\$6,404,727	\$52,210,498

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$42,360,709)
2. Brush, or brush and grass mixture fire (\$2,489,100)
3. Passenger Vehicle Fire (\$1,287,913)
4. Off-road vehicle or heavy equipment fire (\$662,700)
5. Road freight or transport vehicle fire (\$653,000)

## REGION 8 FIRE INCIDENTS

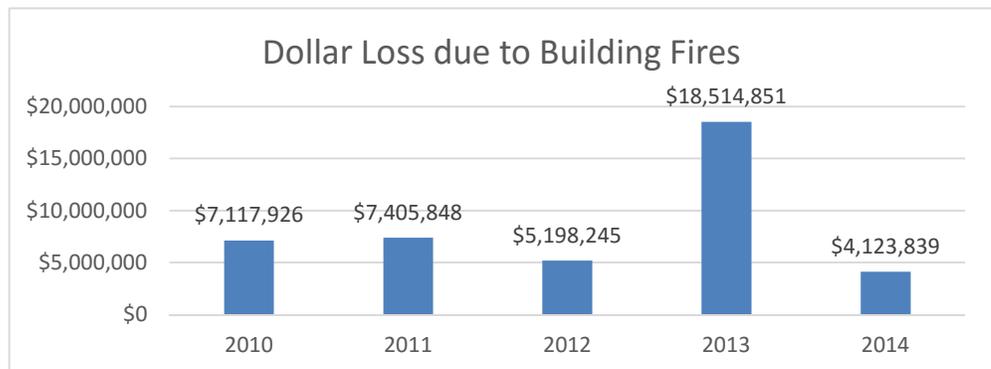
Over the past five years, 6,786 fire incidents, resulting in more than \$50 million in property and content loss, have been reported by fire service agencies in Region 8. Structure fires, including confined fires, accounted for nearly 29% of the five-year total and 85% of the dollar loss to property and content.

### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Combined Fires) (Code 110-119)</b>						
# of incidents	398	470	359	386	332	1945
Dollar Loss	\$7,203,986	\$7,460,678	\$5,213,397	\$18,526,181	\$4,251,014	\$42,655,256
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	239	217	192	147	202	997
Dollar Loss	\$384,080	\$482,300	\$428,925	\$405,692	\$1,256,866	\$2,957,863
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	459	498	386	389	332	2064
Dollar Loss	\$2,177,383	\$203,500	\$24,103	\$307,337	\$21,712	\$2,734,035
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	18	22	15	16	9	80
Dollar Loss	\$52,700	\$417,350	\$340,550	\$185,850	\$13,550	\$1,010,000
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	63	38	21	23	18	163
Dollar Loss	\$123,410	\$144,000	\$53,700	\$25,000	\$80,050	\$426,160
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	62	53	48	56	38	257
Dollar Loss	\$11,485	\$21,185	\$5,950	\$54,500	\$22,245	\$115,365
<b>Fire, other</b>						
# of incidents	130	94	72	72	58	426
Dollar Loss	\$10,205	\$2,060	\$2,700	\$65,250	\$6,650	\$86,865
<b>Outside Rubbish Fire (Code 150-159)</b>						
# of incidents	231	176	142	156	149	854
Dollar Loss	\$3,565	\$5,820	\$35,310	\$4,085	\$14,840	\$63,620
<b>Yearly Totals</b>						
# of incidents	1600	1568	1235	1245	1138	6786
Dollar Loss	\$9,966,814	\$8,736,893	\$6,104,635	\$19,573,895	\$5,666,927	\$50,049,164

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$42,360,709)
2. Brush, or brush and grass mixture fire (\$2,489,100)
3. Passenger Vehicle Fire (\$1,287,913)
4. Off-road vehicle or heavy equipment fire (\$662,700)
5. Road freight or transport vehicle fire (\$653,000)



**REGION 8 FIRE INCIDENTS BY PROPERTY USE**  
**2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)**

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	520	589	449	482	471	2511
Dollar loss	\$5,175,778	\$5,612,224	\$4,591,930	\$17,455,864	\$3,882,909	\$36,718,705
<b>Outside or Special Property</b>						
# of incidents	779	750	608	595	529	3261
Dollar loss	\$1,762,417	\$1,016,820	\$470,600	\$496,945	\$1,281,639	\$5,028,421
<b>Manufacturing, processing</b>						
# of incidents	10	19	9	12	6	56
Dollar loss	\$990,000	\$652,000	\$104,000	\$115,000	\$2,000	\$1,863,000
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	94	60	27	36	25	242
Dollar loss	\$908,781	\$349,874	\$36,010	\$230,000	\$41,500	\$1,566,165
<b>Storage</b>						
# of incidents	59	48	41	28	33	209
Dollar loss	\$328,703	\$198,625	\$263,945	\$416,456	\$298,900	\$1,506,629
<b>Assembly</b>						
# of incidents	21	28	29	24	17	119
Dollar loss	\$9,000	\$451,300	\$521,550	\$279,010	\$23,004	\$1,283,864
<b>Health Care, Detention, &amp; Correction</b>						
# of incidents	8	3	3	6	5	25
Dollar loss	\$431,235	\$0	\$20,100	\$500,500	\$1,000	\$952,835
<b>Mercantile &amp; Business</b>						
# of incidents	47	34	30	27	27	165
Dollar loss	\$124,450	\$437,450	\$26,100	\$68,020	\$131,250	\$787,270
<b>Educational</b>						
# of incidents	9	15	14	12	12	62
Dollar loss	\$220,000	\$300	\$70,100	\$3,000	\$725	\$294,125
<b>None</b>						
# of incidents	23	9	10	9	2	53
Dollar loss	\$1,000	\$18,300	\$0	\$9,100	\$0	\$28,400
<b>Property Use, other</b>						
# of incidents	20	9	13	8	8	58
Dollar loss	\$15,450	\$0	\$300	\$0	\$4,000	\$19,750
<b>Undetermined</b>						
# of incidents	10	4	2	6	3	25
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	1600	1568	1235	1245	1138	6786
Dollar loss	\$9,966,814	\$8,736,893	\$6,104,635	\$19,573,895	\$5,666,927	\$50,049,164

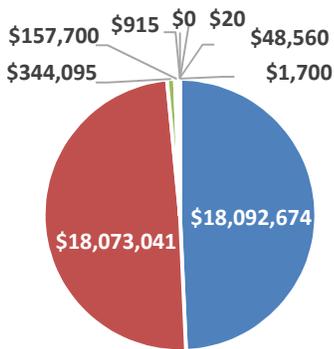
**Top 5  
Fire  
Incident  
by  
Property  
Use**  
*(ranked by  
dollar loss)*

1. 1 or 2 family dwelling (Code 419)
2. Multi Family Dwelling (Code 429)
3. Open Land or Field (Code 931)
4. Manufacturing & Processing (Code 700)
5. Crops or Orchard (Code 655)

## REGION 8 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

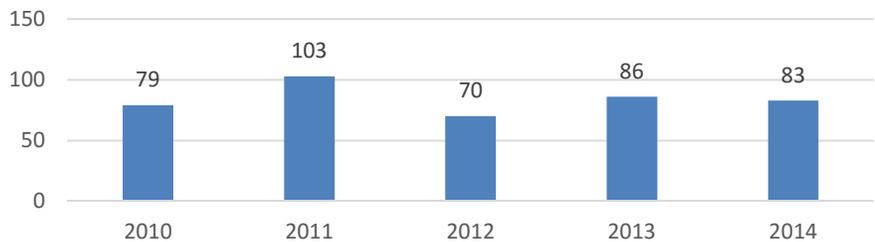
Dollar Loss  
from  
Residential  
Fires by  
Property Use



- 1 or 2 family dwelling
- Multifamily dwellings
- Hotel/motel, commercial
- Residential, other
- Residential board and care
- Dormitory type residence, other
- Sorority house, fraternity house
- Barracks, dormitory
- Boarding/rooming house, residential hotels

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of incidents	411	453	342	370	354	1930
Dollar loss	\$4,043,257	\$4,927,279	\$2,699,435	\$3,677,519	\$2,745,184	\$18,092,674
<b>Multifamily dwellings</b>						
# of incidents	79	103	70	86	83	421
Dollar loss	\$1,129,956	\$675,840	\$1,539,775	\$13,764,595	\$962,875	\$18,073,041
<b>Hotel/motel, commercial</b>						
# of incidents	3	6	5	2	3	19
Dollar loss	\$2,000	\$345	\$330,500	\$10,000	\$1,250	\$344,095
<b>Residential, other</b>						
# of incidents	16	15	23	17	22	93
Dollar loss	\$0	\$8,250	\$22,200	\$250	\$127,000	\$157,700
<b>Residential board and care</b>						
# of incidents	3	2	3	3	3	14
Dollar loss	\$60	\$0	\$0	\$3,500	\$45,000	\$48,560
<b>Dormitory type residence, other</b>						
# of incidents	1	3	0	0	2	6
Dollar loss	\$0	\$500	\$0	\$0	\$1,200	\$1,700
<b>Sorority house, fraternity house</b>						
# of incidents	4	4	1	3	4	16
Dollar loss	\$505	\$10	\$0	\$0	\$400	\$915
<b>Barracks, dormitory</b>						
# of incidents	2	1	1	0	0	4
Dollar loss	\$0	\$0	\$20	\$0	\$0	\$20
<b>Boarding/rooming house, residential hotels</b>						
# of incidents	1	2	4	1	0	8
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	520	589	449	482	471	2511
Dollar loss	\$5,175,778	\$5,612,224	\$4,591,930	\$17,455,864	\$3,882,909	\$36,718,705

### Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 8 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 8 Incident Counts by Agency**

Adams County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Adams #1, Ritzville	0	0	0	0	0	0
	Adams #2, Lind	0	0	0	0	0	0
	Adams #3, Odessa	0	0	0	0	0	0
	Adams #4, McCall	2	0	0	0	0	2
	Adams #5, Othello	203	192	33	0	0	428
	Adams #6, Benge	0	0	0	0	0	0
	Adams #7, Washtucna	30	0	0	0	0	30
	Lind Fire Department	0	0	0	0	0	0
	Othello Fire Department	115	119	20	0	0	254
	Ritzville Fire Department	0	0	0	0	0	0
<b>Yearly Totals</b>	<b>350</b>	<b>311</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>714</b>	
Asotin County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Blue Mountain District 1	1	5	3	5	1	15
	Asotin #1, Clarkston	229	44	0	206	214	693
	Asotin Fire Department	32	8	0	0	33	73
	Clarkston Fire Department	211	194	87	220	209	921
<b>Yearly Totals</b>	<b>473</b>	<b>251</b>	<b>90</b>	<b>431</b>	<b>457</b>	<b>1702</b>	
Benton County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Benton #1, Kennewick	858	914	970	1,009	968	4719
	Benton #2, Benton City	576	594	687	698	733	3288
	Benton #3, Prosser	204	240	247	246	268	1205
	Benton #4, West Richland	754	846	900	880	989	4369
	Benton #5, Horse Haven	2	0	0	0	0	2
	Benton #6, Plymouth/Paterson	56	1	41	0	0	98
	Kennewick Fire Department	6,994	7,056	7,009	7,351	7,929	36339
	Prosser Fire Department	84	129	165	172	203	753
	Richland Fire Department	4,344	4,727	4,784	4,912	1,643	20410
Hanford Fire Department	1,101	986	894	793	869	4643	
<b>Yearly Totals</b>	<b>14973</b>	<b>15493</b>	<b>15697</b>	<b>16061</b>	<b>13602</b>	<b>75826</b>	
Columbia County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Col. Co. Fire District # 1	10	0	0	0	0	10
	Columbia #2, Waitsburg	0	0	0	0	0	0
	Columbia #3, Dayton	69	45	34	0	0	148
	Dayton Fire Department	0	0	0	0	0	0
<b>Yearly Totals</b>	<b>79</b>	<b>45</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>158</b>	
Franklin County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Franklin #1, Connell - Mesa	0	0	0	0	0	0
	Franklin #2, Kahlotus	17	1	0	0	0	18
	Franklin #3, Pasco	325	385	358	250	368	1686
	Franklin #4, Basin City	0	0	0	0	0	0
	Franklin #5	8	3	0	9	7	27
	Connell Fire Department	0	0	0	0	0	0
	Pasco Fire Department	3,620	3,890	3,370	2,988	4,112	17980
	Mesa Fire Department	0	0	0	0	0	0
<b>Yearly Totals</b>	<b>3970</b>	<b>4279</b>	<b>3728</b>	<b>3247</b>	<b>4487</b>	<b>19711</b>	

Garfield County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Garfield #1, Pomeroy	28	55	32	74	55	244
	<b>Yearly Totals</b>	28	55	32	74	55	244
Walla Walla County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Walla Walla/Columbia #2	46	43	49	3	2	143
	Walla Walla #3, Eureka	10	0	0	0	0	10
	Walla Walla #4, Walla Walla	589	476	502	544	0	2111
	Walla Walla #5, Burbank	328	340	302	372	360	1702
	Walla Walla #6, Touchet	0	0	0	0	0	0
	Walla Walla #7, Prescott	13	0	0	0	0	13
	Walla Walla #8, Dixie	48	1	0	0	0	49
	College Place Fire Station	1,056	1,005	0	0	0	2061
	Prescott Fire Department	0	0	0	0	0	0
	Waitsburg Fire Department	0	0	0	0	0	0
	Walla Walla Fire Department	1,287	1,259	1,306	0	1,500	5352
	<b>Yearly Totals</b>	3377	3124	2159	919	1862	11441
Whitman County	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Whitman #1, Tekoa	0	0	0	0	0	0
	St.John Volunteer Fire Dept.	11	12	0	0	0	23
	Whitman #3	7	0	0	0	0	7
	Whitman #4, Palouse	18	9	0	0	0	27
	Whitman #5, Lamont	11	8	23	12	11	65
	Whitman # 6, Endicott	0	0	0	0	0	0
	Whitman #7, Rosalia	18	19	27	16	1	81
	Whitman #8, LaCrosse/Hooper	65	70	78	30	0	243
	Oakesdale Fire Department	77	56	52	64	48	297
	Whitman #11, Albion/Colfax	82	41	46	47	28	244
	Whitman #12, Pullman	0	34	70	0	0	104
	Whitman #13, Wilcox	2	0	0	0	0	2
	Whitman #14, Colton/Uniontown	45	37	44	67	58	251
	Albion Fire Department	0	0	0	0	0	0
	Colfax Fire & Rescue	745	320	0	0	0	1065
	Colton Fire Department	0	0	0	0	0	0
	Garfield Fire Department	8	0	0	0	0	8
	LaCrosse Fire Department	0	0	0	0	0	0
	Malden Volunteer Fire and EMS	18	0	0	0	0	18
	Palouse Fire Department	0	0	0	0	0	0
	Pullman Fire Department	535	645	1,457	1,993	2,264	6894
	Rosalia Fire Department	12	3	0	0	0	15
	Saint John Fire Department	0	0	0	0	0	0
	Tekoa Fire Department	0	0	0	0	0	0
	Uniontown Fire Department	0	0	0	0	0	0
Farmington Fire Department	0	0	0	0	0	0	
<b>Yearly Totals</b>	1654	1254	1797	2229	2410	9344	
<b>Region 8 Totals</b>		24904	24812	23590	22961	22873	119140

## Region 9

Ferry, Lincoln, Pend Oreille, Spokane, and Stevens counties make up Region 9. Over the past five years, an average of 47% of the fire service agencies in this region reported NFIRS data. Below is a table summarizing the incidents that have been reported over the past five years.



### Five-Year Incident Type Summary

Description	2010	2011	2012	2013	2014	Total
<b>Fire</b>						
# of incidents	1714	1693	1538	1469	1668	8082
Dollar Loss	\$29,737,423	\$15,397,927	\$10,005,406	\$10,451,554	\$8,304,719	\$73,897,029
<b>Hazardous Conditions</b>						
# of incidents	1202	1056	1060	1018	863	5199
Dollar Loss	\$132,850	\$67,584	\$75,290	\$32,700	\$78,800	\$387,224
<b>Rescue &amp; Emergency Medical Service (EMS) Incidents</b>						
# of incidents	36110	36003	37852	35692	40371	186028
Dollar Loss	\$119,000	\$128,550	\$3,000	\$7,750	\$124,815	\$383,115
<b>Good Intent Call</b>						
# of incidents	5,098	5,333	6,299	6,121	5,720	28,571
Dollar Loss	\$0	\$130,700	\$0	\$0	\$60,000	\$190,700
<b>Severe Weather &amp; Natural Disaster</b>						
# of incidents	35	12	22	18	33	120
Dollar Loss	\$6,100	\$0	\$10,000	\$0	\$30,000	\$46,100
<b>Service Call</b>						
# of incidents	3714	3847	4129	3997	5005	20692
Dollar Loss	\$3,000	\$1,100	\$6,200	\$14,950	\$5,000	\$30,250
<b>Overpressure Rupture, Explosion, Overheat (No Fire)</b>						
# of incidents	94	90	95	92	88	459
Dollar Loss	\$234	\$5,000	\$1,400	\$2,220	\$1,000	\$9,854
<b>False Alarm &amp; False Call</b>						
# of incidents	2342	2294	2342	2418	2498	11894
Dollar Loss	\$5,685	\$0	\$0	\$0	\$0	\$5,685
<b>Special Incident Type</b>						
# of incidents	1576	1640	1617	1574	607	7014
Dollar Loss	\$0	\$350	\$900	\$0	\$0	\$1,250
<b>Yearly Totals</b>						
# of incidents	51,885	51,968	54,954	52,399	56,853	268,059
Dollar Loss	\$30,004,292	\$15,731,211	\$10,102,196	\$10,509,174	\$8,604,334	\$74,951,207

### Top 5 Incident Types (ranked by dollar loss)

1. Building Fires (\$52,414,302)
2. Forest, Woods or Wildland Fires (\$16,029,500)
3. Passenger Vehicle Fire (\$1,429,451)
4. Road freight or transport vehicle fire (\$1,366,510)
5. Off-road vehicle or heavy equipment fire (\$505,250)

## REGION 9 FIRE INCIDENTS

Over the past five years, 8168 fire incidents, resulting in more than \$74 million in property and content loss, have been reported by fire service agencies in Region 9. Structure fires, including confined fires, accounted for nearly 32% of the five-year total and 71% of the dollar loss to property and content.

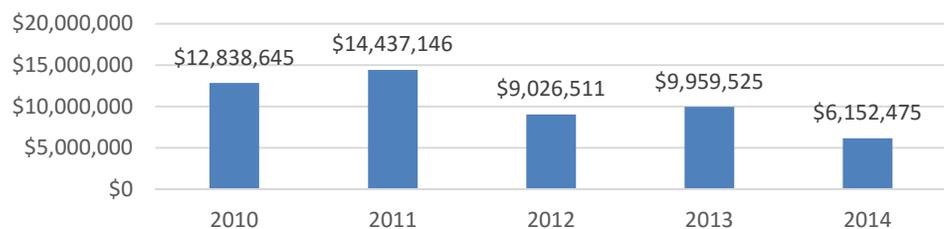
### 2010 – 2014 Fires Incidents by Type (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Structure Fires (Including Combined Fires) (Code 110-119)</b>						
# of incidents	558	546	473	500	514	2591
Dollar Loss	\$12,985,755	\$14,505,957	\$9,061,771	\$9,981,359	\$6,185,925	\$52,720,767
<b>Natural Vegetation Fires (Code 140-149)</b>						
# of incidents	366	360	362	288	464	1840
Dollar Loss	\$16,025,150	\$12,200	\$180,500	\$13,500	\$32,006	\$16,263,356
<b>Vehicle Fires (Code 130-139)</b>						
# of incidents	302	275	229	216	233	1255
Dollar Loss	\$695,168	\$856,610	\$719,933	\$435,160	\$1,753,078	\$4,459,949
<b>Fixed Mobile Property Fires (Code 120-129)</b>						
# of incidents	13	23	12	16	22	86
Dollar Loss	\$32,303	\$159,900	\$16,000	\$37,600	\$119,650	\$365,453
<b>Outside Rubbish Fire (Code 150-159)</b>						
# of incidents	332	353	343	338	321	1687
Dollar Loss	\$1,250	\$15,250	\$10,500	\$660	\$252,860	\$280,520
<b>Cultivated Vegetation Fires (Code 170-179)</b>						
# of incidents	13	11	7	8	8	47
Dollar Loss	\$5,000	\$2,500	\$0	\$0	\$72,000	\$79,500
<b>Outside Storage &amp; Equipment Fires (Code 160-169)</b>						
# of incidents	73	86	59	56	61	335
Dollar Loss	\$21,300	\$1,550	\$19,450	\$3,000	\$3,850	\$49,150
<b>Fire, other</b>						
# of incidents	70	62	65	63	67	327
Dollar Loss	\$3,800	\$3,860	\$13,252	\$17,875	\$5,000	\$43,787
<b>Yearly Totals</b>						
# of incidents	1727	1716	1550	1485	1690	8168
Dollar Loss	\$29,769,726	\$15,557,827	\$10,021,406	\$10,489,154	\$8,424,369	\$74,262,482

### Top 5 Fire Incident Types (ranked by dollar loss)

1. Building Fires (\$52,414,302)
2. Forest, Woods or Wildland Fires (\$16,029,500)
3. Passenger Vehicle Fire (\$1,429,451)
4. Road freight or transport vehicle fire (\$1,366,510)
5. Off-road vehicle or heavy equipment fire (\$505,250)

### Dollar Loss due to Building Fires



## REGION 9 FIRE INCIDENTS BY PROPERTY USE

### 2010 – 2014 Residential Structure Fires by Property Use (sorted by dollar loss)

Description	2010	2011	2012	2013	2014	Total
<b>Residential</b>						
# of incidents	740	727	678	696	714	3555
Dollar loss	\$10,728,258	\$8,279,845	\$7,657,721	\$6,971,111	\$5,685,067	\$39,322,002
<b>Outside or Special Property</b>						
# of incidents	712	708	630	527	676	3253
Dollar loss	\$8,383,465	\$620,900	\$554,935	\$298,678	\$1,407,492	\$11,265,470
<b>Property Use, other</b>						
# of incidents	22	14	19	22	32	109
Dollar loss	\$8,008,150	\$8,400	\$18,500	\$16,000	\$500	\$8,051,550
<b>Storage</b>						
# of incidents	65	58	45	62	59	289
Dollar loss	\$1,056,000	\$701,150	\$597,750	\$2,645,060	\$426,800	\$5,426,760
<b>Health Care, Detention, &amp; Correction</b>						
# of incidents	10	12	11	13	10	56
Dollar loss	\$16,050	\$3,000,000	\$5,000	\$2,000	\$150,250	\$3,173,300
<b>Mercantile &amp; Business</b>						
# of incidents	46	43	53	51	54	247
Dollar loss	\$1,038,000	\$649,825	\$803,500	\$253,200	\$278,510	\$3,023,035
<b>Assembly</b>						
# of incidents	23	45	33	29	21	151
Dollar loss	\$140,000	\$939,260	\$30,750	\$250,005	\$50,000	\$1,410,015
<b>Educational</b>						
# of incidents	13	17	14	12	21	77
Dollar loss	\$66,750	\$780,921	\$3,250	\$7,000	\$264,600	\$1,122,521
<b>Manufacturing, processing</b>						
# of incidents	11	11	18	16	12	68
Dollar loss	\$250,000	\$3,376	\$282,000	\$1,000	\$0	\$536,376
<b>Industrial, Utility, Defense, Agriculture &amp; Mining</b>						
# of incidents	61	38	28	29	63	219
Dollar loss	\$20,000	\$411,500	\$52,000	\$7,500	\$41,500	\$532,500
<b>None</b>						
# of incidents	5	10	3	3	2	23
Dollar loss	\$30,750	\$2,750	\$0	\$0	\$0	\$33,500
<b>Undetermined</b>						
# of incidents	5	6	1	5	2	19
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	973	962	855	769	952	4511
Dollar loss	\$29,737,423	\$15,397,927	\$10,005,406	\$10,451,554	\$8,304,719	\$73,897,029

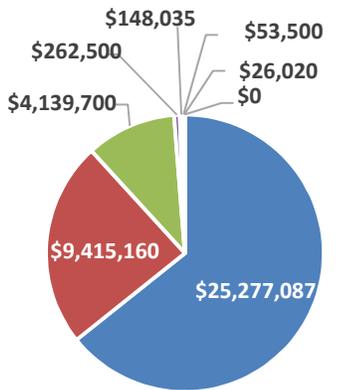
## Top 5 Fire Incident by Property Use (ranked by dollar loss)

1. 1 or 2 family dwelling (Code 419)
2. Multi Family Dwelling (Code 429)
3. Open Land or Field (Code 931)
4. Other Property Use (Code 000)
5. Residential, Other (Code 400)

## REGION 9 RESIDENTIAL STRUCTURE FIRES BY PROPERTY USE

### 2010-2014 Residential Structure Fires by Property Use (Five-year total sorted by dollar loss)

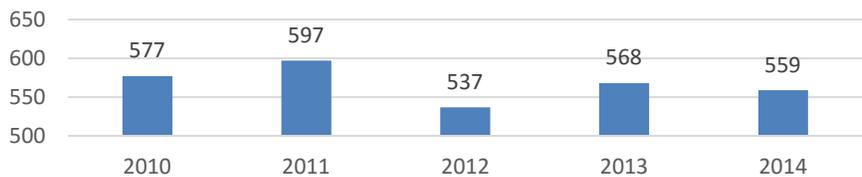
Dollar Loss  
from  
Residential  
Fires by  
Property Use



- 1 or 2 family dwelling
- Multifamily dwellings
- Residential, other
- Hotel/motel, commercial
- Dormitory type residence, other
- Boarding/rooming house, residential hotels
- Residential board and care
- Sorority house, fraternity house

Description	2010	2011	2012	2013	2014	Total
<b>1 or 2 family dwelling</b>						
# of incidents	577	597	537	568	559	2838
Dollar loss	\$7,163,620	\$6,239,220	\$4,787,771	\$5,384,226	\$1,702,250	\$25,277,087
<b>Multifamily dwellings</b>						
# of incidents	122	91	124	105	116	558
Dollar loss	\$3,411,300	\$1,780,575	\$2,752,200	\$1,468,885	\$2,200	\$9,415,160
<b>Residential, other</b>						
# of incidents	21	21	9	11	14	76
Dollar loss	\$119,803	\$46,550	\$17,750	\$40,000	\$3,915,597	\$4,139,700
<b>Hotel/motel, commercial</b>						
# of incidents	7	6	1	4	7	25
Dollar loss	\$30,000	\$212,500	\$0	\$0	\$20,000	\$262,500
<b>Dormitory type residence, other</b>						
# of incidents	8	5	2	4	11	30
Dollar loss	\$35	\$0	\$100,000	\$3,000	\$45,000	\$148,035
<b>Boarding/rooming house, residential hotels</b>						
# of incidents	2	3	2	1	4	12
Dollar loss	\$3,500	\$0	\$0	\$50,000	\$0	\$53,500
<b>Residential board and care</b>						
# of incidents	3	3	3	3	3	15
Dollar loss	\$0	\$1,000	\$0	\$25,000	\$20	\$26,020
<b>Sorority house, fraternity house</b>						
# of incidents	0	1	0	0	0	1
Dollar loss	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Totals</b>						
# of incidents	740	727	678	696	714	3555
Dollar loss	\$10,728,258	\$8,279,845	\$7,657,721	\$6,971,111	\$5,685,067	\$39,322,002

### Number of Fire Incidents in Property Use Category "1 or 2 family dwelling"



**REGION 9 INCIDENT REPORTING SUMMARY FOR 2010-2014**

**Region 9 Incident Counts by Agency**

<b>Ferry County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Joint Fire Dist 3&8	145	0	0	0	0	145
	Ferry/Okanagan #13, Republic	0	0	0	0	0	0
	Ferry/Okanagan FPD #14	11	10	1	2	0	24
<b>Yearly Totals</b>		156	10	1	2	0	169
<b>Lincoln County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Lincoln #1, Sprague	77	0	0	0	0	77
	Lincoln #3, Odessa	16	18	0	0	0	34
	Lincoln County Fire District	127	124	8	97	138	494
	Lincoln #5, Davenport	30	0	0	0	0	30
	Lincoln #6, Harrington	0	0	0	0	0	0
	Lincoln #7, Wilbur	0	0	0	0	0	0
	Lincoln #8, Almira	10	4	15	22	3	54
	Lincoln #9, Grand Coulee	0	0	0	0	0	0
	Almira Fire Department	14	9	4	0	13	40
	Creston Fire Department	0	0	0	0	0	0
	Davenport Fire Department	12	0	0	0	0	12
	Odessa Fire Department	6	1	0	0	0	7
	<b>Yearly Totals</b>		292	156	27	119	154
<b>Pend Oreille County</b>	<b>Agency</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
	Wilbur Fire Department	0	0	0	0	0	0
	Pend Oreille #1, Elk	0	0	0	0	0	0
	Pend Oreille #2, Metaline Fall	2	0	0	0	0	2
	Pend Oreille #3, Newport	118	0	0	0	0	118
	Pend Oreille Fire District 4	94	12	0	0	0	106
	Pend Oreille #5, Cusick	4	0	0	0	0	4
	Pend Oreille #6, Newport	8	7	45	40	44	144
	Pend Oreille #7, Ferile Valley	0	0	0	0	0	0
	Pend Oreille #8, Newport	49	0	0	8	4	61
	Cusick Fire Department	0	0	0	0	0	0
	Ione Fire Department	32	28	0	0	0	60
	Metaline Fire Department	0	0	0	0	0	0
	Metaline Falls Fire Department	0	0	0	0	0	0
	Newport Fire Department	36	47	42	50	52	227
	Kalispel Tribal Public Safety	1	0	65	62	37	165
<b>Yearly Totals</b>		344	94	152	160	137	887

Spokane County	Agency	2010	2011	2012	2013	2014	Total
	Spokane #1, Spokane Valley	10,900	10,263	12,011	10,570	13,318	57062
	Spokane #2, Fairfield	58	60	0	0	0	118
	Spokane #3, Spokane	1,074	1,000	1,018	0	0	3092
	Spokane #4, Deer Park	1,878	2,249	756	2	899	5784
	Spokane #5, Nine Mile Falls	0	0	49	58	55	162
	Spokane #8, Valleyford	1,018	1,208	1,312	628	0	4166
	Spokane #13, Newman Lake	74	28	122	72	99	395
	Airway Heights Fire Dept	800	772	867	973	1,143	4555
	Cheney Fire Department	1,102	1,220	1,340	1,345	1,323	6330
	Latah Fire Department	0	0	0	0	0	0
	Medical Lake Fire Department	112	108	16	245	545	1026
	Millwood Fire Department	0	0	0	0	0	0
	Rockford Fire Department	0	0	0	0	0	0
	Spangle Fire Department	0	0	0	0	0	0
	Spokane Fire Department	28,407	29,227	31,672	32,413	32,505	154224
	Waverly Fire Department	0	0	0	0	0	0
	Spokane Tribal Vol FD	0	0	0	0	0	0
	<b>Yearly Totals</b>	45,423	46,135	49,163	46,306	49,887	236,914
Stevens County	Agency	2010	2011	2012	2013	2014	Total
	Stevens #1	1,052	947	1,160	1,092	1,265	5516
	Stevens County Fire District 2	22	10	20	23	65	140
	Stevens #3, Colville	0	0	0	0	0	0
	Stevens #4, Valley/Chewla	297	293	283	308	299	1480
	Stevens #5, Addy	147	122	121	136	194	720
	Stevens #6, Kettle Falls	0	0	0	0	0	0
	Stevens #7, Arden	60	61	70	58	67	316
	Stevens #8, Orient	0	0	0	0	0	0
	Stevens #9, Little Pend Oreill	7	3	0	0	0	10
	Stevens #10, Deep Lake	12	0	0	0	0	12
	Stevens #11, Northport	16	11	11	24	26	88
	Stevens #12	51	52	63	51	72	289
	Chewelah Fire Department	30	34	56	50	29	199
	Colville Fire Department	0	0	0	0	0	0
	Kettle Falls Fire Department	51	30	50	63	62	256
Marcus Fire Department	0	0	0	0	0	0	
Northport Fire Department	0	0	0	0	0	0	
<b>Yearly Totals</b>	1,745	1,563	1,834	1,805	2,079	9,026	
<b>Region 9 Totals</b>	47,960	47,958	51,177	48,392	52,257	247,744	



Thank you to Washington Surveying & Rating Bureau



*This document was made possible by their generous support.*