

Fireworks Reported Fires and Injuries Statewide between 2007 to 2011

Statewide	Fire Department			Fire District			Hospital - E.R.		Total		Grand Total
	Fire	Injury	Total	Fire	Injury	Total	Injury	Total	Fire	Injury	
2011	111	12	123	153	24	177	181	181	264	217	481
2010	207	16	223	207	14	221	132	132	414	162	576
2009	556	8	564	481	29	510	163	163	1037	200	1237
2008	334	14	348	192	17	209	231	231	526	262	788
2007	483	8	491	418	8	426	144	144	901	160	1061
Total	1691	58	1749	1451	92	1543	851	851	3142	1001	4143

Combined Fire and Injury Caused Data

Type of Fireworks Causing Fire & Injury

Statewide	Legal	Illegal	Unknown	Total
2011	146	140	195	481
2010	301	95	180	576
2009	153	198	886	1237
2008	138	145	505	788
2007	144	187	730	1061
5 Year Avg	177	151	499.4	827.4
Total	882	765	2496	4143

Illegal Device - Fire and Injury

Statewide	2011	2010	2009	2008	2007
Sparkler Bomb	19	9	7	21	11
Tennis Ball	0	0	3	1	1
Pipe Bomb	1	0	4	2	0
Homemade	5	11	27	15	10
M-80, M-100	24	5	8	19	9
Altered	2	5	5	9	5
Cannon	0	3	0	3	0
Cherry Bomb	2	1	2	0	1
Aerial	15	10	26	9	14
Bottle Rocket	35	26	61	26	71
Firecrackers	16	11	24	13	36
Missiles/Rockets	15	7	27	22	17
Multi-Aerial	0	1	1	2	3
Unknown	6	6	3	3	9
Total	140	95	198	145	187

Combined Fire and Injury Caused Data

County of Fire and Injury Combines

Statewide	2011	2010	2009	2008	2007
Adams	0	3	1	1	2
Asotin	0	11	6	6	2
Benton	12	20	16	15	14
Chelan	3	7	5	8	3
Clallam	3	3	11	4	3
Clark	32	41	75	41	52
Columbia	0	2	2	1	2
Cowlitz	12	10	29	9	22
Douglas	1	2	1	0	2
Ferry	0	0	0	1	1
Franklin	5	3	3	8	4
Garfield	0	0	1	0	0
Grant	15	30	20	22	15
Grays Harbor	7	15	16	11	28
Island	5	2	0	5	10
Jefferson	1	4	2	0	3
King	128	107	332	245	325
Kitsap	24	21	47	37	57
Kittitas	5	7	5	5	6
Klickitat	1	3	4	2	3
Lewis	4	6	13	6	15
Lincoln	0	0	1	2	0
Mason	7	7	14	18	9
Okanogan	1	3	1	2	1
Pacific	5	7	4	5	3
Pend Orielle	1	0	5	0	2
Pierce	52	67	153	125	97
San Juan	0	2	1	1	1
Skagit	8	11	68	11	44
Skamania	0	2	3	0	1
Snohomish	54	90	184	61	144
Spokane	11	11	33	20	47
Stevens	6	6	5	14	11
Thurston	12	14	56	34	28
Wahkiakum	0	0	0	0	1
Walla Walla	0	9	14	17	10
Whatcom	30	20	4	11	27
Whitman	3	4	4	11	0
Yakima	33	26	98	29	66
Total	481	576	1237	788	1061

Fire Caused Only Data

Type of Fireworks Causing Fire Only

Statewide	Legal	Illegal	Unknown	Total
2011	63	53	148	264
2010	235	37	142	414
2009	87	105	845	1037
2008	37	36	453	526
2007	88	116	697	901
5 Year Avg	102	69.4	457	628.4
Total	510	347	2285	3142

Fire Cause Type

Statewide	Accidental	Malicious	Unknown	\$ Loss
2011	216	36	12	\$ 568,346
2010	84	27	303	\$ 179,913
2009	300	97	640	\$ 5,154,290
2008	110	37	379	\$ 228,018
2007	299	95	507	\$ 3,519,176
5 Year Avg	201.8	58.4	368.2	\$ 1,929,949
Total	1009	292	1841	\$ 9,649,743

Types of Fires Responded to:

Statewide	2007	2008	2009	2010	2011	Total
Wildland	432	319	835	358	199	2143
Residential	51	50	88	18	26	233
Commerical	38	21	21	17	3	100
School	8	11	5	8	3	35
Vehicle	31	23	17	2	4	77
Unknown/Other	341	102	71	11	29	554
Total	901	526	1037	414	264	3142

Illegal Device - Fire Only

Statewide	2011	2010	2009	2008	2007
Sparkler Bomb	9	4	4	9	7
Tennis Ball	0	0	1	0	1
Pipe Bomb	0	0	0	0	0
Homemade	1	4	12	0	4
M-80, M-100	6	1	4	3	6
Altered	0	2	2	2	2
Cannon	0	0	0	0	0
Cherry Bomb	0	1	0	0	1
Aerial	1	0	4	1	1
Bottle Rocket	23	15	50	14	59
Firecrackers	6	2	13	2	20
Missiles/Rockets	5	3	13	3	8
Multi-Aerial	0	0	1	1	1
Unknown	2	5	1	1	6
Total	53	37	105	36	116

Fire Caused Only Data

County of Fire

Statewide	2011	2010	2009	2008	2007
Adams	0	3	0	0	1
Asotin	0	11	5	5	2
Benton	6	17	15	14	12
Chelan	3	7	5	5	3
Clallam	3	2	9	3	3
Clark	17	18	56	27	47
Columbia	0	2	2	1	2
Cowlitz	0	6	24	7	18
Douglas	0	1	1	0	2
Ferry	0	0	0	1	1
Franklin	4	3	2	8	4
Garfield	0	0	1	0	0
Grant	12	29	18	20	9
Grays Harbor	4	9	9	5	24
Island	3	2	0	1	9
Jefferson	0	1	1	0	2
King	85	90	303	185	297
Kitsap	6	11	39	19	47
Kittitas	5	6	3	2	6
Klickitat	0	3	4	2	3
Lewis	4	3	12	1	6
Lincoln	0	0	1	2	0
Mason	1	3	10	6	4
Okanogan	1	2	0	0	0
Pacific	4	5	3	0	3
Pend Orielle	0	0	2	0	1
Pierce	24	39	114	71	86
San Juan	0	2	1	1	1
Skagit	2	8	61	6	36
Skamania	0	1	1	0	1
Snohomish	17	56	140	40	110
Spokane	7	10	27	16	42
Stevens	0	6	5	10	9
Thurston	10	8	51	17	27
Wahkiakum	0	0	0	0	1
Walla Walla	0	9	11	16	7
Whatcom	12	12	2	8	12
Whitman	2	3	3	5	0
Yakima	32	26	96	22	63
Total	264	414	1037	526	901

Injury Caused Only Data

Type of Fireworks Causing Injury Only

Statewide	2011	2010	2009	2008	2007
Illegal	87	58	93	109	71
Legal	83	66	66	101	56
Unknown	47	38	41	52	33
Total	217	162	200	262	160

Months Injuries Occurred

Statewide	2011	2010	2009	2008	2007
Jan	0	0	0	1	0
Apr	1	1	0	0	1
May	3	0	0	2	0
Jun	9	8	12	26	10
Jul	200	153	187	232	148
Aug	0	0	1	1	0
Nov	0	0	0	0	1
Dec	4	0	0	0	0
Total	217	162	200	262	160

Time of Injury

Statewide	2011			2008	2007
12a-6a	17			28	9
6a-12p	9			3	4
12p-6p	18			30	18
6p-12a	123			152	98
Unknown	45			49	31
Total	212			262	160

** Data was collected in 6 hour blocks in 2008 and 2007.

Statewide	2011	2010	2009
1a-4a	17	12	13
5a-8a	1	5	0
9a-12p	9	90	4
1p-4p	12	13	9
5p-8p	23	23	23
9p-12a	106	2	121
Unknown	49	17	30
Total	217	162	200

Injury Location

Statewide	2011	2010	2009	2008	2007
Hand (Hand/Arm)	83	58	66	61	60
Arm	0	9	12	7	11
Leg/Foot	27	20	29	35	11
Torso	19	6	10	11	15
Head/Face	60	66	68	92	45
Multiple	28	1	1	52	14
Unk	0	2	14	4	4
Total	217	162	200	262	160

Injury Caused Only Data

Injury Type

Statewide	2011	2010	2009	2008	2007
Burn 3rd	5	8	17	11	11
Burn 2nd	53	43	68	89	52
Burn 1st	44	27	34	37	27
Amputation	1	5	1	12	3
Trauma	82	56	60	79	34
Unknown	0	23	20	34	33
Multiple	31	0	0	0	0
Smoke Inh.	1	0	0	0	0
Total	217	162	200	262	160

Age of Injured

Statewide	2011	2010	2009	2008	2007
1 to 7	19	19	22	29	19
8 to 14	35	31	36	63	31
15 to 21	47	33	33	49	42
22 to 28	31	21	29	23	16
29 to 35	19	15	24	25	15
36+	47	25	37	40	15
Unknown	19	18	19	33	22
Total	217	162	200	262	160

Sex of Injured

Statewide	2011	2010	2009	2008	2007
Male	157	109	135	185	106
Female	55	46	51	54	37
Unknown	5	7	14	23	17
Total	217	162	200	262	160

Illegal Device Type - Causing Injury

Statewide	2011	2010	2009	2008	2007
Sparkler Bomb	10	5	3	12	4
Tennis Ball	0	0	2	1	0
Pipe Bomb	1	0	4	2	0
Homemade	4	7	15	15	6
M-80, M-100	18	4	4	16	3
Altered	2	3	3	7	3
Cannon	0	3	0	3	0
Cherry Bomb	2	0	2	0	0
Aerial	14	10	22	8	13
Bottle Rocket	12	11	11	12	12
Firecrackers	10	9	11	11	16
Missiles/Rockets	10	4	14	19	9
Multi-Aerial	0	1	0	1	2
Unknown	4	1	2	2	3
Total	87	58	93	109	71

Injury Caused Only Data

County of Injury

Statewide	2011	2010	2009	2008	2007
Adams	0	0	1	1	1
Asotin	0	0	1	1	0
Benton	6	3	1	1	2
Chelan	0	0	0	3	0
Clallam	0	1	2	1	0
Clark	15	23	19	14	5
Columbia	0	0	0	0	0
Cowlitz	12	4	5	2	4
Douglas	1	1	0	0	0
Ferry	0	0	0	0	0
Franklin	1	0	1	0	0
Garfield	0	0	0	0	0
Grant	3	1	2	2	6
Grays Harbor	3	6	7	6	4
Island	2	0	0	4	1
Jefferson	1	3	1	0	1
King	43	17	29	60	28
Kitsap	18	10	8	18	10
Kittitas	0	1	2	3	0
Klickitat	1	0	0	0	0
Lewis	0	3	1	5	9
Lincoln	0	0	0	0	0
Mason	6	4	4	12	5
Okanogan	0	1	1	2	1
Pacific	1	2	1	5	0
Pend Orielle	1	0	3	0	1
Pierce	28	28	39	54	11
San Juan	0	0	0	0	0
Skagit	6	3	7	5	8
Skamania	0	1	2	0	0
Snohomish	37	34	44	21	34
Spokane	4	1	6	4	5
Stevens	6	0	0	4	2
Thurston	2	6	5	17	1
Wahkiakum	0	0	0	0	0
Walla Walla	0	0	3	1	3
Whatcom	18	8	2	3	15
Whitman	1	1	1	6	0
Yakima	1	0	2	7	3
Total	217	162	200	262	160