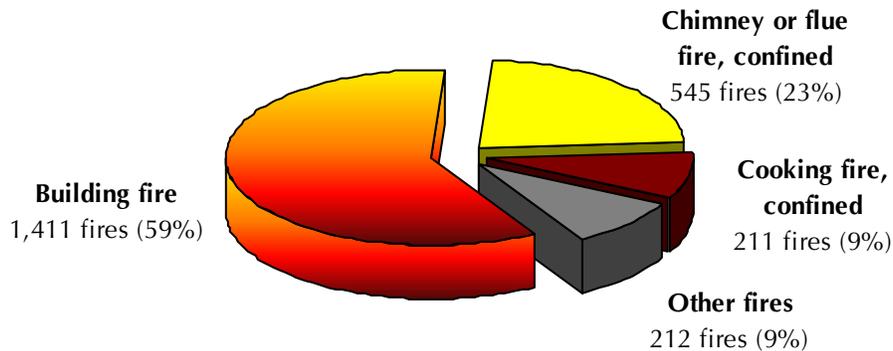




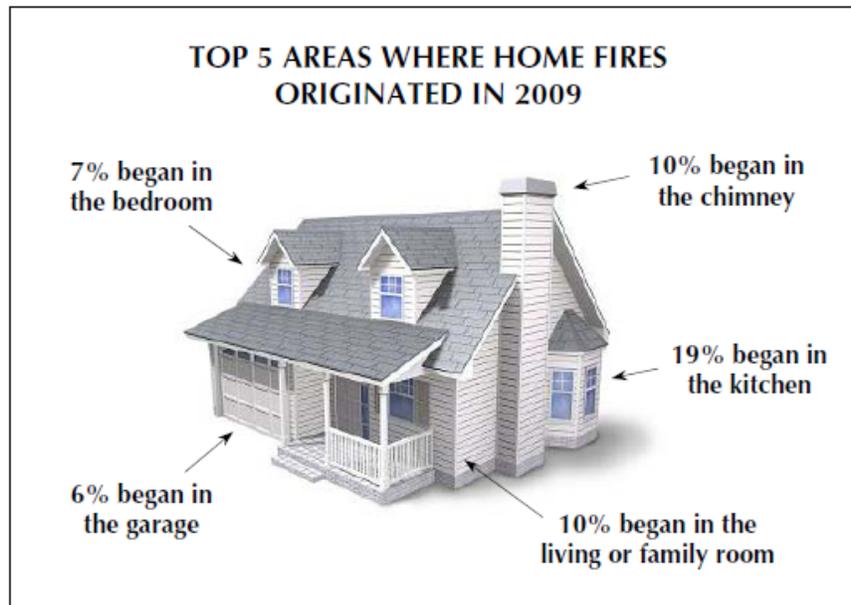
OFFICE OF STATE FIRE MARSHAL

Oregon House Fires 2009

2009 HOUSE FIRES, BY TYPE OF FIRE



There were 2,379 structure fires in one- & two-family dwellings in Oregon in 2009. The majority of these (19%) originated in the kitchen area. Of the more than 400 fires that started in the kitchen, 48% resulted in a building fire and 44% were a fire that was confined to the cooking container.



Note: The data on this page includes only "Structure Fires" in "One- & Two-Family Dwellings."

Prepared by the Data Unit of the Oregon Office of State Fire Marshal • (503) 373-1540
Includes incident data reported by Oregon fire departments as of January 31, 2010
Value and Loss amounts include building, contents, mobile, and other property. These amounts are estimates made by firefighters on the scene and are not official insurance estimates.

**2009 OREGON HOUSE FIRES
CASUALTIES AND PROPERTY LOSS, BY COUNTY**

County	# of Structure Fires in 1- & 2-Family Dwellings	Injuries	Deaths	Est. Total Property Loss
BAKER	14	0	0	\$82,000
BENTON	48	2	0	\$818,402
CLACKAMAS	238	13	0	\$7,066,515
CLATSOP	40	1	0	\$414,100
COLUMBIA	66	5	0	\$1,149,995
COOS	33	6	1	\$532,887
CROOK	8	0	0	\$198,000
CURRY	15	1	0	\$431,400
DESCHUTES	135	3	0	\$3,325,265
DOUGLAS	95	2	0	\$514,600
GILLIAM	1	0	0	\$0
GRANT	1	0	0	\$200
HARNEY	13	0	0	\$250
HOOD RIVER	32	0	1	\$159,200
JACKSON	119	4	0	\$1,936,720
JEFFERSON	16	0	0	\$949,625
JOSEPHINE	62	4	0	\$1,172,956
KLAMATH	56	0	1	\$898,320
LAKE	1	0	0	\$0
LANE	170	22	0	\$7,385,970
LINCOLN	36	3	0	\$358,590
LINN	100	5	0	\$3,643,200
MALHEUR	18	3	0	\$375,900
MARION	176	17	0	\$3,979,152
MORROW	13	0	0	\$322,050
MULTNOMAH	392	51	3	\$12,748,250
POLK	48	1	0	\$1,342,200
SHERMAN	1	0	0	\$0
TILLAMOOK	24	2	2	\$285,100
UMATILLA	44	0	0	\$1,287,625
UNION	19	1	0	\$241,070
WALLOWA	6	2	0	\$30,500
WASCO	30	6	0	\$466,200
WASHINGTON	227	10	1	\$6,170,817
WHEELER	1	0	0	\$10,000
YAMHILL	69	6	0	\$1,246,160
County Not Reported	12	2	0	\$243,800
Grand Total	2379	172	9	\$59,787,019

Note: The data on this page includes only "Structure Fires" in "One- & Two-Family Dwellings."

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**FORM OF HEAT OF IGNITION IN STRUCTURE FIRES
OREGON HOUSE FIRES, 2009**

Form of Heat of Ignition	# of Incidents	% of Total
Heat From Hot Object	683	37%
<i>Breakdown:</i>		
<i>Heat from properly operating equipment*</i>	344	
<i>Hot ember ash (not from solid fueled eqt. or smoking)</i>	157	
<i>Heat from hot object, not classed further/ other</i>	182	
Heat From Solid Fuel Powered Equipment**	410	22%
Heat From Other Flame/Sparks/Smoking Material	282	15%
<i>Breakdown:</i>		
<i>Cigarette, cigar, or pipe</i>	85	
<i>Match</i>	36	
<i>Lighter (flame-type)</i>	33	
<i>Candle</i>	30	
<i>Heat from open flame/sparks/smoking mtl, not classed further / other</i>	98	
Heat From Electrical Arc or Overload	269	14%
Heat Spreading From Hostile Fire (Exposures)	124	7%
Heat From Natural Source	41	2%
Heat From Gas or Liquid Fuel Powered Equipment	26	1%
Heat From Explosives Or Fireworks	15	1%
Heat/Sparks/Flame From Outside, Open Fire	8	<1%
Multiple Forms of Heat of Ignition	3	<1%
Total Incidents with Reported Form of Heat:	1,861	100%

* 36% of the fires ignited by heat from "properly operating equipment" involved cooking equipment.

** 41% of the fires ignited by heat from "solid fuel powered equipment" involved heating systems (i.e. heater, boiler, stove, fireplace, chimney).

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