

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Property Classes</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>	<b>% of Total</b>
<b>Apartment, Tenement, Flat - 1 to 4 units with business</b>	65	2	0	7	4,310,764	1
<b>Apartment, Tenement, Flat - 1 to 4 units without business</b>	385	10	3	53	14,285,016	5
<b>Apartment, Tenement, Flat - 5 to 20 units with business</b>	200	5	1	42	12,217,825	4
<b>Apartment, Tenement, Flat - 5 to 20 units without business</b>	1269	34	14	184	70,620,582	23
<b>Apartment, Tenement, Flat - over 20 units with or w/o business</b>	1475	40	19	205	180,221,442	59
<b>Apartment, Tenement, Flat - unclassified or unknown</b>	304	8	2	28	21,480,378	7
<b>Total</b>	3698	100	39	519	303,136,007	100

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By **Property Class |General Construction**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Property Class  General Construction</b>		<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Apartment, Tenement, Flat - 1 to 4 units with business</b>	<b>General Construction - unknown</b>	2	0	0	0	8,366
	<b>Combustible Construction - open wood joist</b>	19	1	0	0	3,132,084
	<b>Protected Combustible Construction - wood protected by plaster</b>	35	1	0	6	1,003,300
	<b>Non-Combustible Construction - exposed steel</b>	1	0	0	1	300
	<b>Protected Non-Combustible Construction - protected steel or concrete</b>	3	0	0	0	109,094
	<b>General Construction - not applicable</b>	3	0	0	0	22,220
	<b>General Construction - unclassified</b>	2	0	0	0	35,400
<b>Apartment, Tenement, Flat - 1 to 4 units without business</b>	<b>General Construction - unknown</b>	12	0	0	0	41,482
	<b>Combustible Construction - open wood joist</b>	61	2	0	6	3,802,593

<b>Property Class  General Construction</b>		<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
	<b>Protected Combustible Construction - wood protected by plaster</b>	291	8	3	47	9,410,346
	<b>Non-Combustible Construction - exposed steel</b>	1	0	0	0	77,764
	<b>Protected Non-Combustible Construction - protected steel or concrete</b>	1	0	0	0	75,000
	<b>General Construction - not applicable</b>	18	0	0	0	867,831
	<b>General Construction - unclassified</b>	1	0	0	0	10,000
<b>Apartment, Tenement, Flat - 5 to 20 units with business</b>	<b>General Construction - unknown</b>	7	0	0	2	91,140
	<b>Combustible Construction - open wood joist</b>	17	0	0	4	4,075,076
	<b>Protected Combustible Construction - wood protected by plaster</b>	155	4	1	32	7,811,994
	<b>Non-Combustible Construction - exposed steel</b>	1	0	0	0	1
	<b>Protected Non-Combustible Construction -</b>	10	0	0	3	213,289

<b>Property Class  General Construction</b>		<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
	<b>protected steel or concrete</b>					
	<b>General Construction - not applicable</b>	8	0	0	1	24,725
	<b>General Construction - unclassified</b>	2	0	0	0	1,600
<b>Apartment, Tenement, Flat - 5 to 20 units without business</b>	<b>General Construction - unknown</b>	42	1	0	0	388,457
	<b>Combustible Construction - open wood joist</b>	98	3	1	8	5,941,987
	<b>Protected Combustible Construction - wood protected by plaster</b>	1055	29	12	166	61,389,203
	<b>Heavy Timber Construction</b>	2	0	0	2	6,800
	<b>Non-Combustible Construction - exposed steel</b>	2	0	0	0	2,900
	<b>Protected Non-Combustible Construction - protected steel or concrete</b>	24	1	1	6	549,867
	<b>General Construction - not applicable</b>	40	1	0	2	2,265,095
	<b>General Construction -</b>	6	0	0	0	76,273

<b>Property Class  General Construction</b>		<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
	<b>unclassified</b>					
<b>Apartment, Tenement, Flat - over 20 units with or w/o business</b>	<b>General Construction - unknown</b>	77	2	1	5	1,621,943
	<b>Combustible Construction - open wood joist</b>	61	2	0	6	27,744,835
	<b>Protected Combustible Construction - wood protected by plaster</b>	963	26	12	140	135,452,440
	<b>Heavy Timber Construction</b>	6	0	0	1	64,953
	<b>Non-Combustible Construction - exposed steel</b>	9	0	0	1	36,076
	<b>Protected Non-Combustible Construction - protected steel or concrete</b>	298	8	5	46	12,271,266
	<b>General Construction - not applicable</b>	52	1	0	4	270,814
	<b>General Construction - unclassified</b>	9	0	1	2	2,759,115
<b>Apartment, Tenement, Flat - unclassified or unknown</b>	<b>General Construction - unknown</b>	49	1	0	3	1,149,666
	<b>Combustible Construction - open wood joist</b>	42	1	0	9	1,342,113

<b>Property Class  General Construction</b>		<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
	<b>Protected Combustible Construction - wood protected by plaster</b>	175	5	2	15	17,818,535
	<b>Heavy Timber Construction</b>	1	0	0	0	4,000
	<b>Non-Combustible Construction - exposed steel</b>	1	0	0	0	509,300
	<b>Protected Non-Combustible Construction - protected steel or concrete</b>	4	0	0	0	100,219
	<b>General Construction - not applicable</b>	28	1	0	1	514,545
	<b>General Construction - unclassified</b>	4	0	0	0	42,000
<b>Total</b>		3698	100	39	519	303,136,007

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By **Year**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Year</b>	<b>No. of Fires</b>	<b>% of Fires</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>	<b>% of \$ Losses</b>
<b>2000</b>	367	10	6	67	10,815,765	4
<b>2001</b>	391	11	7	69	16,253,893	5
<b>2002</b>	446	12	6	58	61,227,192	20
<b>2003</b>	374	10	1	56	10,481,177	3
<b>2004</b>	352	10	3	69	20,359,475	7
<b>2005</b>	333	9	6	47	29,964,404	10
<b>2006</b>	350	9	4	43	16,972,667	6
<b>2007</b>	339	9	1	27	36,891,986	12
<b>2008</b>	390	11	3	36	18,623,714	6
<b>2009</b>	356	10	2	47	81,545,734	27
<b>Total</b>	3698	100	39	519	303,136,007	100

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & **Source of Ignition**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - over 20 units with or w/o business

<b>Source of Ignition</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cigarette</b>	261	17.7	6	37	26,751,218
<b>Stove/Top Burner (fire in pan)</b>	171	11.6	0	29	1,662,319
<b>Igniting Object-Unknown</b>	144	9.8	5	21	38,707,815
<b>Stove/Top Burner (deep fat fryer/pot)</b>	97	6.6	0	22	1,673,179
<b>Candle, Taper</b>	82	5.6	0	11	2,161,024
<b>Stove/Top Burner (other circumstances)</b>	84	5.7	3	9	2,281,282
<b>Match/Lighter Cannot Be Determined</b>	97	6.6	2	18	7,355,133
<b>Match</b>	51	3.5	0	3	5,449,933
<b>Lighter</b>	33	2.2	2	12	2,069,686
<b>Dryer For Clothes</b>	11	0.7	0	0	22,933
<b>Match/Lighter (Not With Smoking)</b>	44	3.0	1	2	579,031
<b>Permanent Electrical Wiring/Cable</b>	31	2.1	0	0	5,167,251
<b>Smoker's Material Cannot Be Determined</b>	36	2.4	0	1	1,367,273
<b>Exposure From Attached Structure Fire</b>	2	0.1	0	0	3,005,000
<b>Oven Of Stove/Range</b>	18	1.2	0	2	36,394
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	18	1.2	0	0	955,263



<b>Torch, Other Than Cutting, Welding</b>	22	1.5	0	9	4,074,925
<b>Exposure From Detached Structure Fire</b>	11	0.7	0	0	39,124,586
<b>Smoker's Material</b>	22	1.5	0	6	877,794
<b>Open Fired Broiler, Portable (Barbeque)</b>	19	1.3	0	3	707,766
<b>Central Heating Unit, Furnace/Boiler</b>	13	0.9	0	1	131,109
<b>Exposure Unclassified/Unknown</b>	7	0.5	0	0	147,051
<b>Smoker's Material/Open Flame-Unclass.</b>	18	1.2	0	9	4,930,912
<b>Appliances/Equipment-Unclassified</b>	15	1.0	0	2	260,452
<b>Misc.Igniting Object-Unclassified</b>	9	0.6	0	0	246,026
<b>Chemical Reaction/Spontaneous Comb.</b>	13	0.9	0	0	6,136,562
<b>Ashtray</b>	5	0.3	0	0	48,300
<b>Service Water Heater</b>	4	0.3	0	0	1,300
<b>Switch Outlet (receptacle, socket)</b>	8	0.5	0	1	58,243
<b>Exposure From 'Open' Rubbish/Camp Fire</b>	9	0.6	0	0	69,301
<b>Extension Cord</b>	4	0.3	0	0	1,036,000
<b>Halogen Lamp-Incls. Fixture</b>	7	0.5	0	1	1,158,993
<b>Fireplace</b>	2	0.1	0	0	7,500
<b>Hot Ashes/Embers (Not From Smoking)</b>	8	0.5	0	0	870,653
<b>Elect. Equip.-Unclassified</b>	3	0.2	0	0	161,053
<b>Toaster, Waffle Iron</b>	1	0.1	0	0	20,000
<b>Microwave Oven</b>	6	0.4	0	1	179,853

<b>Panelboard, Switchboard (fuse, circuit breaker)</b>	7	0.5	0	2	19,478,000
<b>Elect. Distribution-Unclassified</b>	3	0.2	0	0	230,997
<b>Temporary Electrical Wiring/Cable</b>	1	0.1	0	0	2,000
<b>Portable Space Heater</b>	3	0.2	0	0	80,326
<b>TV Eqpt. (Reception/Reproduction)</b>	2	0.1	0	0	3,200
<b>Portable Food Warming Appliance (steam table, warming drawer)</b>	2	0.1	0	0	1,201
<b>Stationary Space/Room Heater</b>	3	0.2	0	0	9,238
<b>Motor Under 1 H.P.</b>	5	0.3	0	0	2,750
<b>Individual Refrigeration Unit</b>	1	0.1	0	0	97,800
<b>Heating Equipment-Unclassified</b>	2	0.1	0	0	9,892
<b>Radio/Stereo/Phonograph/Tape Recorder</b>	3	0.2	0	0	66,439
<b>Battery/Rectifier/Charger</b>	4	0.3	0	0	19,503
<b>Other Cooking Unit, Portable</b>	4	0.3	0	0	74,760
<b>Zero Clearance Fireplace</b>	2	0.1	0	0	181,661
<b>Exposure From Vehicle</b>	3	0.2	0	0	19,001
<b>No Igniting Object</b>	1	0.1	0	0	8,341
<b>Molotov Cocktail</b>	3	0.2	0	0	19,500
<b>Flue Pipe, Vent Connector</b>	2	0.1	0	0	72,042
<b>Low Voltage Wiring</b>	1	0.1	0	0	101
<b>Fry Pans/Grills Not on Stove</b>	2	0.1	0	0	61,728
<b>Pipe</b>	1	0.1	0	0	500
<b>Electric kettle, Coffee Maker/Urn</b>	3	0.2	0	1	10,500

<b>Copper Conductors</b>	1	0.1	0	0	15,000
<b>Fireworks</b>	1	0.1	0	0	500
<b>Welding Equipment</b>	3	0.2	0	0	35,600
<b>Fluorescent Lamp/Ballast</b>	2	0.1	0	0	1,700
<b>Cutting Torch</b>	1	0.1	0	0	501
<b>Chafing Dish/Fondue</b>	1	0.1	0	0	7,000
<b>Internal Combustion Engine</b>	2	0.1	0	0	13,000
<b>Washing Machine</b>	2	0.1	0	0	950
<b>Cigar</b>	1	0.1	0	0	5,000
<b>Power Bars</b>	1	0.1	0	0	21,544
<b>Exposure From Forest/Trees Fire</b>	2	0.1	0	0	48,502
<b>Motor 1 H.P. &amp; Over</b>	1	0.1	0	0	5,000
<b>Individual Air Cond. Or Dehumidifier</b>	1	0.1	0	0	15,000
<b>Vacuum Cleaner</b>	1	0.1	0	0	4,500
<b>Pressing Iron Inc. Ironing Machine</b>	1	0.1	0	0	700
<b>Electric Blanket/Heating Pad</b>	1	0.1	0	0	2,500
<b>Fireplace Insert</b>	1	0.1	0	0	2
<b>Flares</b>	1	0.1	0	0	150
<b>Grow Lamps/Lights</b>	1	0.1	0	2	38,500
<b>Transformer</b>	1	0.1	0	0	15,000
<b>Shop Goods/Family Fireworks</b>	1	0.1	0	0	200
<b>Machinery/Equip./Commercial And Indust.</b>	1	0.1	0	0	500
<b>Sauna Heater</b>	1	0.1	0	0	25,000

<b>Photocopier/Fax/Computer Printer</b>	1	0.1	0	0	500
<b>Smoker (meat, fish, etc.)</b>	1	0.1	0	0	22,000
<b>Total</b>	1475	100.0	19	205	180,221,442

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Source of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units without business

<b>Source of Ignition</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cigarette</b>	168	13.2	6	28	6,318,022
<b>Stove/Top Burner (fire in pan)</b>	152	12.0	0	33	1,608,501
<b>Igniting Object-Unknown</b>	116	9.1	2	10	10,365,771
<b>Stove/Top Burner (deep fat fryer/pot)</b>	104	8.2	0	18	1,935,804
<b>Candle, Taper</b>	80	6.3	1	16	2,512,355
<b>Stove/Top Burner (other circumstances)</b>	68	5.4	1	15	1,219,976
<b>Match/Lighter Cannot Be Determined</b>	78	6.1	0	8	1,718,828
<b>Match</b>	38	3.0	1	4	541,057
<b>Lighter</b>	48	3.8	1	11	1,844,716
<b>Dryer For Clothes</b>	43	3.4	0	1	639,254
<b>Match/Lighter (Not With Smoking)</b>	19	1.5	0	0	188,353
<b>Permanent Electrical Wiring/Cable</b>	20	1.6	0	6	1,902,407
<b>Smoker's Material Cannot Be Determined</b>	18	1.4	1	5	525,980
<b>Exposure From Attached Structure Fire</b>	15	1.2	0	0	1,538,341

<b>Oven Of Stove/Range</b>	18	1.4	0	0	62,967
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	25	2.0	0	2	923,801
<b>Torch, Other Than Cutting, Welding</b>	22	1.7	0	5	633,397
<b>Exposure From Detached Structure Fire</b>	11	0.9	0	0	343,787
<b>Smoker's Material</b>	13	1.0	1	0	1,834,052
<b>Open Fired Broiler, Portable (Barbeque)</b>	12	0.9	0	0	365,852
<b>Central Heating Unit, Furnace/Boiler</b>	6	0.5	0	2	109,868
<b>Exposure Unclassified/Unknown</b>	16	1.3	0	0	167,944
<b>Smoker's Material/Open Flame-Unclass.</b>	8	0.6	0	1	37,187
<b>Appliances/Equipment-Unclassified</b>	10	0.8	0	0	63,703
<b>Misc.Igniting Object-Unclassified</b>	5	0.4	0	0	308,072
<b>Chemical Reaction/Spontaneous Comb.</b>	11	0.9	0	0	197,129
<b>Ashtray</b>	13	1.0	0	2	236,776
<b>Service Water Heater</b>	12	0.9	0	3	189,250
<b>Switch Outlet (receptacle, socket)</b>	9	0.7	0	1	357,119
<b>Exposure From 'Open' Rubbish/Camp Fire</b>	3	0.2	0	0	775
<b>Extension Cord</b>	7	0.6	0	1	488,518
<b>Halogen Lamp-Incls. Fixture</b>	4	0.3	0	0	53,392
<b>Fireplace</b>	3	0.2	0	0	155,450
<b>Hot Ashes/Embers (Not From Smoking)</b>	6	0.5	0	0	87,800

<b>Elect. Equip.-Unclassified</b>	6	0.5	0	1	239,550
<b>Toaster, Waffle Iron</b>	8	0.6	0	0	142,882
<b>Microwave Oven</b>	1	0.1	0	0	400
<b>Panelboard, Switchboard (fuse, circuit breaker)</b>	2	0.2	0	0	45,500
<b>Elect. Distribution-Unclassified</b>	2	0.2	0	0	23,502,000
<b>Temporary Electrical Wiring/Cable</b>	4	0.3	0	1	223,217
<b>Portable Space Heater</b>	3	0.2	0	2	41,500
<b>TV Eqpt. (Reception/Reproduction)</b>	5	0.4	0	0	426,412
<b>Portable Food Warming Appliance (steam table, warming drawer)</b>	4	0.3	0	0	1,151
<b>Stationary Space/Room Heater</b>	2	0.2	0	0	4,500
<b>Motor Under 1 H.P.</b>	2	0.2	0	0	5,151
<b>Individual Refrigeration Unit</b>	2	0.2	0	0	65,101
<b>Heating Equipment-Unclassified</b>	1	0.1	0	0	6,898
<b>Radio/Stereo/Phonograph/Tape Recorder</b>	3	0.2	0	0	330,798
<b>Battery/Rectifier/Charger</b>	1	0.1	0	0	200
<b>Other Cooking Unit, Portable</b>	2	0.2	0	0	50,050
<b>Zero Clearance Fireplace</b>	3	0.2	0	0	532,302
<b>Exposure From Vehicle</b>	1	0.1	0	0	1,000
<b>No Igniting Object</b>	2	0.2	0	0	142,125
<b>Flue Pipe, Vent Connector</b>	2	0.2	0	0	4,300,000
<b>Low Voltage Wiring</b>	3	0.2	0	0	16,505
<b>Deep Fat Fryer (separate appliance)</b>	2	0.2	0	0	110,000

<b>Fry Pans/Grills Not on Stove</b>	2	0.2	0	3	72,873
<b>Pipe</b>	2	0.2	0	0	14,361
<b>Copper Conductors</b>	2	0.2	0	0	72,000
<b>Welding Equipment</b>	1	0.1	0	0	100,500
<b>Metal Chimney</b>	1	0.1	0	0	131,288
<b>Fluorescent Lamp/Ballast</b>	1	0.1	0	0	3,000
<b>Cutting Torch</b>	2	0.2	0	0	18,700
<b>Chafing Dish/Fondue</b>	2	0.2	0	1	7,499
<b>Washing Machine</b>	1	0.1	0	0	1,500
<b>Cigar</b>	1	0.1	0	0	1,500
<b>Power Bars</b>	1	0.1	0	2	65,000
<b>Motor 1 H.P. &amp; Over</b>	1	0.1	0	0	200
<b>Exposure From Grass/Shrub/Brush Fire</b>	1	0.1	0	0	5,000
<b>Pressing Iron Inc. Ironing Machine</b>	1	0.1	0	0	201
<b>Electric Blanket/Heating Pad</b>	1	0.1	0	0	1,600
<b>Wood Stove</b>	1	0.1	0	0	250,000
<b>Lamp/Lantern</b>	1	0.1	0	0	88,089
<b>Display or High Hazard Fireworks</b>	1	0.1	0	0	117,725
<b>Electronic Communication Equip.</b>	1	0.1	0	0	500
<b>Aluminum Conductors</b>	1	0.1	0	0	2,000
<b>Chimney</b>	1	0.1	0	0	500
<b>.</b>	1	0.1	0	2	3,100
<b>Total</b>	1269	100.0	14	184	70,620,582

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Source of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units without business

Source of Ignition	No. of Fires	%	Deaths	Injuries	\$Losses
<b>Cigarette</b>	46	11.9	0	5	1,231,883
<b>Stove/Top Burner (fire in pan)</b>	34	8.8	0	4	519,530
<b>Igniting Object-Unknown</b>	29	7.5	1	1	3,102,032
<b>Stove/Top Burner (deep fat fryer/pot)</b>	33	8.6	0	8	791,401
<b>Candle, Taper</b>	23	6.0	0	9	1,001,139
<b>Stove/Top Burner (other circumstances)</b>	26	6.8	0	4	208,922
<b>Match/Lighter Cannot Be Determined</b>	11	2.9	0	1	377,940
<b>Match</b>	8	2.1	0	1	253,506
<b>Lighter</b>	8	2.1	0	3	397,025
<b>Dryer For Clothes</b>	15	3.9	0	0	97,854
<b>Match/Lighter (Not With Smoking)</b>	9	2.3	0	4	578,788
<b>Permanent Electrical Wiring/Cable</b>	9	2.3	0	2	370,089
<b>Smoker's Material Cannot Be Determined</b>	4	1.0	0	1	84,600
<b>Exposure From Attached Structure Fire</b>	4	1.0	0	0	110,300
<b>Oven Of Stove/Range</b>	8	2.1	0	0	123,290
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	6	1.6	0	0	30,090



<b>Torch, Other Than Cutting, Welding</b>	3	0.8	0	0	371,000
<b>Exposure From Detached Structure Fire</b>	5	1.3	0	0	92,069
<b>Smoker's Material</b>	5	1.3	0	0	195,165
<b>Open Fired Broiler, Portable (Barbeque)</b>	6	1.6	0	0	871,006
<b>Central Heating Unit, Furnace/Boiler</b>	12	3.1	0	1	81,899
<b>Exposure Unclassified/Unknown</b>	11	2.9	0	0	214,134
<b>Smoker's Material/Open Flame-Unclass.</b>	2	0.5	0	0	36,000
<b>Appliances/Equipment-Unclassified</b>	2	0.5	0	0	8,066
<b>Misc.Igniting Object-Unclassified</b>	3	0.8	0	0	85,151
<b>Chemical Reaction/Spontaneous Comb.</b>	1	0.3	0	0	500
<b>Ashtray</b>	2	0.5	0	0	14,500
<b>Service Water Heater</b>	5	1.3	0	0	42,860
<b>Switch Outlet (receptacle, socket)</b>	2	0.5	0	0	860
<b>Exposure From 'Open' Rubbish/Camp Fire</b>	3	0.8	0	0	12,200
<b>Extension Cord</b>	6	1.6	0	0	463,250
<b>Halogen Lamp-Incls. Fixture</b>	4	1.0	0	1	14,960
<b>Fireplace</b>	6	1.6	0	0	139,624
<b>Hot Ashes/Embers (Not From Smoking)</b>	1	0.3	0	0	103,933
<b>Elect. Equip.-Unclassified</b>	3	0.8	0	1	7,001
<b>Toaster, Waffle Iron</b>	2	0.5	0	0	73,372
<b>Microwave Oven</b>	2	0.5	0	0	116,500

<b>Panelboard, Switchboard (fuse, circuit breaker)</b>	1	0.3	0	0	50,000
<b>Elect. Distribution-Unclassified</b>	3	0.8	0	0	629,252
<b>Temporary Electrical Wiring/Cable</b>	1	0.3	0	0	120
<b>Portable Space Heater</b>	1	0.3	0	0	12,000
<b>Individual Refrigeration Unit</b>	3	0.8	0	1	117,073
<b>Heating Equipment-Unclassified</b>	2	0.5	0	0	132,500
<b>Radio/Stereo/Phonograph/Tape Recorder</b>	1	0.3	0	0	65,000
<b>Battery/Rectifier/Charger</b>	1	0.3	0	0	3,569
<b>Exposure From Vehicle</b>	1	0.3	0	0	15,000
<b>No Igniting Object</b>	1	0.3	0	0	500
<b>Molotov Cocktail</b>	1	0.3	2	2	200,000
<b>Flue Pipe, Vent Connector</b>	1	0.3	0	0	11,449
<b>Pipe</b>	1	0.3	0	0	80,000
<b>Electric kettle, Coffee Maker/Urns</b>	1	0.3	0	0	22,704
<b>Copper Conductors</b>	1	0.3	0	0	100
<b>Metal Chimney</b>	3	0.8	0	0	538,000
<b>Power Bars</b>	1	0.3	0	0	117,000
<b>Individual Air Cond. Or Dehumidifier</b>	1	0.3	0	0	52,000
<b>Wood Stove</b>	1	0.3	0	4	16,310
<b>Total</b>	385	100.0	3	53	14,285,016

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Source of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - unclassified or unknown

<b>Source of Ignition</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cigarette</b>	27	8.9	1	3	1,033,109
<b>Stove/Top Burner (fire in pan)</b>	30	9.9	0	7	896,144
<b>Igniting Object-Unknown</b>	29	9.5	0	2	2,322,991
<b>Stove/Top Burner (deep fat fryer/pot)</b>	23	7.6	0	4	443,101
<b>Candle, Taper</b>	9	3.0	0	2	316,863
<b>Stove/Top Burner (other circumstances)</b>	13	4.3	0	0	99,755
<b>Match/Lighter Cannot Be Determined</b>	1	0.3	0	0	1,500
<b>Match</b>	10	3.3	0	0	410,101
<b>Lighter</b>	6	2.0	1	0	417,440
<b>Dryer For Clothes</b>	5	1.6	0	3	24,179
<b>Match/Lighter (Not With Smoking)</b>	1	0.3	0	3	100,519
<b>Permanent Electrical Wiring/Cable</b>	6	2.0	0	0	40,483
<b>Exposure From Attached Structure Fire</b>	40	13.2	0	0	9,850,530
<b>Oven Of Stove/Range</b>	11	3.6	0	0	50,643
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	2	0.7	0	0	91,035
<b>Torch, Other Than Cutting, Welding</b>	1	0.3	0	0	300
<b>Exposure From Detached Structure Fire</b>	15	4.9	0	0	3,508,750
<b>Smoker's Material</b>	3	1.0	0	0	70,500

<b>Open Fired Broiler, Portable (Barbeque)</b>	3	1.0	0	0	9,421
<b>Central Heating Unit, Furnace/Boiler</b>	6	2.0	0	1	81,900
<b>Smoker's Material/Open Flame-Unclass.</b>	4	1.3	0	0	122,150
<b>Appliances/Equipment-Unclassified</b>	2	0.7	0	0	21,000
<b>Misc.Igniting Object-Unclassified</b>	11	3.6	0	2	442,923
<b>Chemical Reaction/Spontaneous Comb.</b>	2	0.7	0	0	16,387
<b>Ashtray</b>	3	1.0	0	0	30,150
<b>Service Water Heater</b>	1	0.3	0	0	125,000
<b>Switch Outlet (receptacle, socket)</b>	2	0.7	0	0	14,321
<b>Exposure From 'Open' Rubbish/Camp Fire</b>	5	1.6	0	0	5,250
<b>Extension Cord</b>	2	0.7	0	0	5,002
<b>Halogen Lamp-Incls. Fixture</b>	1	0.3	0	0	28,563
<b>Fireplace</b>	4	1.3	0	0	153,000
<b>Hot Ashes/Embers (Not From Smoking)</b>	1	0.3	0	0	150
<b>Elect. Equip.-Unclassified</b>	2	0.7	0	0	112,914
<b>Microwave Oven</b>	1	0.3	0	0	100
<b>Panelboard, Switchboard (fuse, circuit breaker)</b>	1	0.3	0	0	1,500
<b>Elect. Distribution-Unclassified</b>	2	0.7	0	0	10,100
<b>Temporary Electrical Wiring/Cable</b>	3	1.0	0	1	61,768
<b>Portable Space Heater</b>	1	0.3	0	0	22,623
<b>TV Eqpt. (Reception/Reproduction)</b>	1	0.3	0	0	45,000

<b>Stationary Space/Room Heater</b>	1	0.3	0	0	25,000
<b>Individual Refrigeration Unit</b>	1	0.3	0	0	347,563
<b>Heating Equipment-Unclassified</b>	2	0.7	0	0	1,500
<b>Molotov Cocktail</b>	1	0.3	0	0	51,450
<b>Deep Fat Fryer (separate appliance)</b>	1	0.3	0	0	20,000
<b>Fireworks</b>	3	1.0	0	0	41,500
<b>Internal Combustion Engine</b>	1	0.3	0	0	4,000
<b>Cigar</b>	1	0.3	0	0	1,000
<b>Exposure From Grass/Shrub/Brush Fire</b>	1	0.3	0	0	50
<b>Lamp/Lantern</b>	1	0.3	0	0	600
<b>Bearing/Conveyor/Brake/Belting</b>	1	0.3	0	0	550
<b>Total</b>	304	100.0	2	28	21,480,378

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Source of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units with business

<b>Source of Ignition</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cigarette</b>	27	13.5	0	5	497,154
<b>Stove/Top Burner (fire in pan)</b>	22	11.0	0	3	901,485
<b>Igniting Object-Unknown</b>	19	9.5	0	5	2,293,833
<b>Stove/Top Burner (deep fat fryer/pot)</b>	14	7.0	0	2	604,849
<b>Candle, Taper</b>	13	6.5	0	12	630,884
<b>Stove/Top Burner (other</b>	10	5.0	0	0	133,239

<b>circumstances)</b>					
<b>Match/Lighter Cannot Be Determined</b>	4	2.0	0	0	1,600
<b>Match</b>	6	3.0	1	2	550,404
<b>Lighter</b>	7	3.5	0	2	102,296
<b>Dryer For Clothes</b>	8	4.0	0	1	49,368
<b>Match/Lighter (Not With Smoking)</b>	7	3.5	0	1	165,601
<b>Permanent Electrical Wiring/Cable</b>	5	2.5	0	0	1,780,115
<b>Smoker's Material Cannot Be Determined</b>	6	3.0	0	2	113,700
<b>Oven Of Stove/Range</b>	5	2.5	0	1	10,116
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	3	1.5	0	1	27,500
<b>Torch, Other Than Cutting, Welding</b>	4	2.0	0	0	29,500
<b>Exposure From Detached Structure Fire</b>	3	1.5	0	0	5,250
<b>Smoker's Material</b>	1	0.5	0	1	20
<b>Open Fired Broiler, Portable (Barbeque)</b>	2	1.0	0	0	46,000
<b>Central Heating Unit, Furnace/Boiler</b>	3	1.5	0	0	2,210
<b>Exposure Unclassified/Unknown</b>	1	0.5	0	0	2,000
<b>Appliances/Equipment-Unclassified</b>	1	0.5	0	0	1,000,000
<b>Misc.Igniting Object-Unclassified</b>	2	1.0	0	0	107,048
<b>Chemical Reaction/Spontaneous Comb.</b>	2	1.0	0	0	1,550
<b>Service Water Heater</b>	1	0.5	0	0	10,000
<b>Switch Outlet (receptacle, socket)</b>	1	0.5	0	0	16,700

<b>Exposure From 'Open' Rubbish/Camp Fire</b>	1	0.5	0	0	250
<b>Extension Cord</b>	1	0.5	0	0	14,000
<b>Halogen Lamp-Incls. Fixture</b>	1	0.5	0	0	101
<b>Fireplace</b>	1	0.5	0	1	75,000
<b>Toaster, Waffle Iron</b>	1	0.5	0	0	50,000
<b>Microwave Oven</b>	1	0.5	0	1	19,000
<b>Elect. Distribution-Unclassified</b>	1	0.5	0	0	1,000
<b>TV Eqpt. (Reception/Reproduction)</b>	1	0.5	0	0	25,000
<b>Portable Food Warming Appliance (steam table, warming drawer)</b>	2	1.0	0	0	251
<b>Stationary Space/Room Heater</b>	2	1.0	0	0	6,200
<b>Battery/Rectifier/Charger</b>	1	0.5	0	0	5,000
<b>Zero Clearance Fireplace</b>	1	0.5	0	0	90,000
<b>Exposure From Vehicle</b>	1	0.5	0	0	500
<b>No Igniting Object</b>	1	0.5	0	0	2,000
<b>Molotov Cocktail</b>	1	0.5	0	0	1
<b>Exposure From Forest/Trees Fire</b>	1	0.5	0	2	2,725,000
<b>Vacuum Cleaner</b>	1	0.5	0	0	100
<b>Radiant Heating Systems</b>	1	0.5	0	0	110,000
<b>Heat Tape/Trace</b>	1	0.5	0	0	10,000
<b>Cooking Equipment-Unclassified</b>	1	0.5	0	0	1,000
<b>Electronic Data Processing Equip.</b>	1	0.5	0	0	1,000
<b>Total</b>	200	100.0	1	42	12,217,825

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Source of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units with business

Source of Ignition	No. of Fires	%	Deaths	Injuries	\$Losses
<b>Cigarette</b>	6	9.2	0	1	144,200
<b>Stove/Top Burner (fire in pan)</b>	15	23.1	0	5	462,359
<b>Igniting Object-Unknown</b>	10	15.4	0	0	611,490
<b>Stove/Top Burner (deep fat fryer/pot)</b>	3	4.6	0	0	15,574
<b>Candle, Taper</b>	3	4.6	0	0	215,896
<b>Stove/Top Burner (other circumstances)</b>	2	3.1	0	0	680
<b>Match/Lighter Cannot Be Determined</b>	1	1.5	0	0	1,100
<b>Match</b>	1	1.5	0	0	32,000
<b>Lighter</b>	1	1.5	0	0	1,000
<b>Dryer For Clothes</b>	1	1.5	0	0	1,050
<b>Match/Lighter (Not With Smoking)</b>	1	1.5	0	0	10,300
<b>Permanent Electrical Wiring/Cable</b>	2	3.1	0	0	368,000
<b>Exposure From Attached Structure Fire</b>	2	3.1	0	0	1,812,000
<b>Incandescent Lamp/Lightbulb/Heat Lamp</b>	2	3.1	0	0	91,086
<b>Torch, Other Than Cutting, Welding</b>	1	1.5	0	0	10,000
<b>Exposure From Detached Structure</b>	2	3.1	0	0	181,000



<b>Fire</b>					
<b>Central Heating Unit, Furnace/Boiler</b>	1	1.5	0	0	11,000
<b>Exposure Unclassified/Unknown</b>	1	1.5	0	0	15,000
<b>Smoker's Material/Open Flame-Unclass.</b>	1	1.5	0	0	1
<b>Ashtray</b>	1	1.5	0	0	10,000
<b>Switch Outlet (receptacle, socket)</b>	1	1.5	0	0	400
<b>Elect. Equip.-Unclassified</b>	1	1.5	0	0	100
<b>Microwave Oven</b>	1	1.5	0	0	100
<b>Portable Space Heater</b>	1	1.5	0	0	16,046
<b>Motor Under 1 H.P.</b>	1	1.5	0	1	50,000
<b>No Igniting Object</b>	1	1.5	0	0	241,394
<b>Deep Fat Fryer (separate appliance)</b>	1	1.5	0	0	2,100
<b>Fireplace Insert</b>	1	1.5	0	0	6,888
<b>Total</b>	65	100.0	0	7	4,310,764

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & **Act or Omission**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - over 20 units with or w/o business

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Smokers' Material</b>	280	19.0	4	26	28,439,850
<b>Overheated Cooking Oil, Grease, Wax</b>	155	10.5	1	28	2,316,192

<b>Ignorance of Hazard</b>	105	7.1	1	17	7,161,676
<b>Arson or Other Set Fires-Cannot Be Determined</b>	156	10.6	1	26	23,766,955
<b>Act or Omission-Cannot Be Determined</b>	90	6.1	5	10	17,303,392
<b>Distracted, Preoccupied</b>	64	4.3	0	6	871,795
<b>Combustible Placed Too Close to Heat</b>	78	5.3	1	13	3,104,142
<b>Electrical Short Circuit</b>	49	3.3	0	3	22,967,849
<b>Suspected Arson</b>	41	2.8	0	8	749,299
<b>Torch Too Close</b>	19	1.3	0	0	39,644,049
<b>Accident</b>	36	2.4	0	3	1,251,599
<b>Asleep</b>	37	2.5	0	18	1,626,281
<b>Human Failing-Unclassified</b>	36	2.4	0	5	1,107,862
<b>Mech./Elec. Failure/Malfunction-Cannot Be Determined</b>	20	1.4	0	0	1,436,882
<b>Mech./Elec. Failure/Malfunction-Unclassified</b>	26	1.8	0	2	233,764
<b>Part Failure, Leak, Break</b>	21	1.4	1	1	581,796
<b>Playing With Source (Child age unknown)</b>	12	0.8	1	1	1,084,844
<b>Vandalism, Mischief-No Charges Laid</b>	31	2.1	0	1	123,938
<b>Asleep (suspect alcohol/drugs/medicn.)</b>	28	1.9	1	11	654,046
<b>Arson-For Vengeful/Spiteful Purposes</b>	26	1.8	0	1	583,392

<b>Playing With Source (Child 11 &amp; under)</b>	5	0.3	0	2	66,659
<b>Impaired (suspect alcohol/drugs/medicn.)</b>	20	1.4	0	4	307,082
<b>Misuse of Source of Ignition-Unclassified</b>	17	1.2	0	0	182,201
<b>Miscellaneous Act or Omission-Unclassified</b>	13	0.9	0	0	9,123,881
<b>Misuse of Mat. Ignited-Unclassified</b>	11	0.7	1	6	87,285
<b>Inadequate Control of "Open" fire</b>	8	0.5	0	0	72,861
<b>Act or Omission-Not Applicable</b>	5	0.3	0	0	33,250
<b>Human Failing-Cannot Be Determined</b>	6	0.4	0	0	471,000
<b>Kids Under 12 Set Fire</b>	2	0.1	0	0	21,501
<b>Improper Storage</b>	6	0.4	0	0	385,725
<b>Arson or Other Set Fires-Unclassified</b>	9	0.6	1	3	4,762,946
<b>Part Worn Out</b>	5	0.3	0	0	5,150
<b>Physical or Mental Disability</b>	3	0.2	1	0	57,550
<b>Automatic Control Failure</b>	2	0.1	0	0	1,035,100
<b>Misuse of Equipment-Unclassified</b>	3	0.2	0	0	59,649
<b>Welding or Cutting Too Close</b>	6	0.4	0	0	36,801
<b>Installed Too Close to Combustible</b>	1	0.1	0	0	9,742
<b>Misuse of Source of Ignition-Cannot Be Determined</b>	7	0.5	0	0	132,965
<b>Temporary Loss of Judgement</b>	5	0.3	0	1	233,000
<b>Vandalism, Mischief-Charges Laid</b>	6	0.4	0	1	22,575

<b>Constrn./Design/Installn. Def.- Unclassified</b>	4	0.3	0	0	61,200
<b>Arson-To Satisfy Compulsive Desires</b>	2	0.1	0	0	32,000
<b>Other Installation Deficiency</b>	2	0.1	0	0	132,000
<b>Constrn./Design/Installn. Def.- Cannot Be Determined</b>	1	0.1	0	0	250
<b>Misuse of Mat. Ignited-Cannot Be Determined</b>	1	0.1	0	0	12,019
<b>Improper Container</b>	3	0.2	0	0	817,550
<b>Design Deficiency</b>	1	0.1	0	0	5,000
<b>Arson-For Fraudulent Purposes</b>	2	0.1	0	0	2,025
<b>Thawing</b>	2	0.1	0	7	2,920,050
<b>Arson-For Obscuring Other Crimes</b>	2	0.1	0	0	4,068,748
<b>Overfuelling</b>	1	0.1	0	0	21
<b>Log Rolled Out</b>	1	0.1	0	0	3,750
<b>Improper Fuelling Technique</b>	1	0.1	0	1	201
<b>Misuse of Equipment-Cannot Be Determined</b>	1	0.1	0	0	102
<b>Screen Not Closed</b>	1	0.1	0	0	50,000
<b>Total</b>	1475	100.0	19	205	180,221,442

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Act or Omission

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units without business

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
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<b>Smokers" Material</b>	185	14.6	6	27	6,700,071
<b>Overheated Cooking Oil, Grease, Wax</b>	161	12.7	0	35	2,117,031
<b>Ignorance of Hazard</b>	96	7.6	0	13	1,640,703
<b>Arson or Other Set Fires-Cannot Be Determined</b>	90	7.1	1	5	1,768,409
<b>Act or Omission-Cannot Be Determined</b>	73	5.8	1	6	7,211,798
<b>Distracted, Preoccupied</b>	64	5.0	0	13	980,965
<b>Combustible Placed Too Close to Heat</b>	66	5.2	1	9	2,051,893
<b>Electrical Short Circuit</b>	47	3.7	0	10	2,433,145
<b>Suspected Arson</b>	48	3.8	0	3	2,427,524
<b>Torch Too Close</b>	19	1.5	0	4	603,344
<b>Accident</b>	33	2.6	0	8	2,156,421
<b>Asleep</b>	34	2.7	3	15	1,568,454
<b>Human Failing-Unclassified</b>	17	1.3	0	0	278,660
<b>Mech./Elec. Failure/Malfunction-Cannot Be Determined</b>	22	1.7	0	0	1,044,097
<b>Mech./Elec. Failure/Malfunction-Unclassified</b>	26	2.0	0	2	562,568
<b>Part Failure, Leak, Break</b>	26	2.0	0	1	1,281,695
<b>Playing With Source (Child age unknown)</b>	39	3.1	0	4	964,610
<b>Vandalism, Mischief-No Charges Laid</b>	20	1.6	0	0	582,543
<b>Asleep (suspect alcohol/drugs/medicn.)</b>	20	1.6	0	7	608,924

<b>Arson-For Vengeful/Spiteful Purposes</b>	11	0.9	0	1	815,470
<b>Playing With Source (Child 11 &amp; under)</b>	24	1.9	0	8	831,204
<b>Impaired (suspect alcohol/drugs/medicn.)</b>	16	1.3	0	2	425,405
<b>Misuse of Source of Ignition-Unclassified</b>	17	1.3	0	0	126,619
<b>Miscellaneous Act or Omission-Unclassified</b>	6	0.5	0	0	47,250
<b>Misuse of Mat. Ignited-Unclassified</b>	11	0.9	1	4	282,235
<b>Inadequate Control of "Open" fire</b>	5	0.4	0	0	272,200
<b>Act or Omission-Not Applicable</b>	13	1.0	0	0	1,672,463
<b>Human Failing-Cannot Be Determined</b>	13	1.0	0	2	174,043
<b>Kids Under 12 Set Fire</b>	8	0.6	0	1	309,202
<b>Improper Storage</b>	5	0.4	0	0	71,200
<b>Arson or Other Set Fires-Unclassified</b>	2	0.2	0	1	1,550
<b>Part Worn Out</b>	4	0.3	0	0	69,522
<b>Physical or Mental Disability</b>	7	0.6	1	1	120,692
<b>Automatic Control Failure</b>	6	0.5	0	0	2,352
<b>Misuse of Equipment-Unclassified</b>	3	0.2	0	0	38,546
<b>Welding or Cutting Too Close</b>	4	0.3	0	0	120,200
<b>Installed Too Close to Combustible</b>	3	0.2	0	0	4,089,000
<b>Misuse of Source of Ignition-Cannot Be Determined</b>	1	0.1	0	0	1,000
<b>Temporary Loss of Judgement</b>	1	0.1	0	0	1

<b>Constrn./Design/Installn. Def.- Unclassified</b>	2	0.2	0	0	435,000
<b>Arson-To Satisfy Compulsive Desires</b>	2	0.2	0	1	7,200
<b>Other Installation Deficiency</b>	2	0.2	0	0	1,300
<b>Constrn./Design/Installn. Def.- Cannot Be Determined</b>	1	0.1	0	0	23,500,000
<b>Playing With Source (Youth 12-17 yrs.)</b>	1	0.1	0	0	30,000
<b>Misuse of Mat. Ignited-Cannot Be Determined</b>	2	0.2	0	0	13,458
<b>Construction Deficiency</b>	2	0.2	0	1	48,090
<b>Improper Container</b>	1	0.1	0	0	100
<b>Design Deficiency</b>	1	0.1	0	0	150
<b>Arson-For Fraudulent Purposes</b>	1	0.1	0	0	78,626
<b>Cleaning, Washing Parts</b>	2	0.2	0	0	2,700
<b>Fatigued</b>	1	0.1	0	0	8,000
<b>Log Rolled Out</b>	1	0.1	0	0	450
<b>Improper Fuelling Technique</b>	1	0.1	0	0	499
<b>Fuel Spilled Accidentally</b>	1	0.1	0	0	500
<b>Misuse of Equipment-Cannot Be Determined</b>	1	0.1	0	0	41,000
<b>Suspected Faulty Connect./Alum. Wiring</b>	1	0.1	0	0	500
<b>Total</b>	1269	100.0	14	184	70,620,582

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Act or Omission

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units without business

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Smokers" Material</b>	47	12.2	0	3	1,407,256
<b>Overheated Cooking Oil, Grease, Wax</b>	49	12.7	0	6	1,115,871
<b>Ignorance of Hazard</b>	48	12.5	0	7	984,293
<b>Arson or Other Set Fires-Cannot Be Determined</b>	19	4.9	0	1	2,611,450
<b>Act or Omission-Cannot Be Determined</b>	22	5.7	1	1	1,002,737
<b>Distracted, Preoccupied</b>	19	4.9	0	8	811,890
<b>Combustible Placed Too Close to Heat</b>	24	6.2	0	2	208,641
<b>Electrical Short Circuit</b>	23	6.0	0	3	897,873
<b>Suspected Arson</b>	7	1.8	0	0	224,836
<b>Torch Too Close</b>	6	1.6	0	0	559,000
<b>Accident</b>	5	1.3	0	0	131,450
<b>Asleep</b>	5	1.3	0	4	119,798
<b>Human Failing-Unclassified</b>	6	1.6	0	0	47,405
<b>Mech./Elec. Failure/Malfunction-Cannot Be Determined</b>	12	3.1	0	0	869,620
<b>Mech./Elec. Failure/Malfunction-Unclassified</b>	8	2.1	0	1	91,194
<b>Part Failure, Leak, Break</b>	11	2.9	0	0	336,378
<b>Playing With Source (Child age unknown)</b>	1	0.3	0	0	501
<b>Vandalism, Mischief-No Charges</b>	1	0.3	0	0	1



<b>Laid</b>					
<b>Asleep (suspect alcohol/drugs/medicn.)</b>	4	1.0	0	0	3,952
<b>Arson-For Vengeful/Spiteful Purposes</b>	5	1.3	2	2	332,000
<b>Playing With Source (Child 11 &amp; under)</b>	14	3.6	0	5	499,234
<b>Misuse of Source of Ignition-Unclassified</b>	6	1.6	0	1	68,500
<b>Miscellaneous Act or Omission-Unclassified</b>	2	0.5	0	0	1,000
<b>Misuse of Mat. Ignited-Unclassified</b>	2	0.5	0	0	651
<b>Inadequate Control of "Open" fire</b>	7	1.8	0	1	502,622
<b>Act or Omission-Not Applicable</b>	1	0.3	0	0	1
<b>Human Failing-Cannot Be Determined</b>	1	0.3	0	1	23,063
<b>Kids Under 12 Set Fire</b>	6	1.6	0	1	157,360
<b>Improper Storage</b>	1	0.3	0	0	106,428
<b>Part Worn Out</b>	2	0.5	0	0	20,000
<b>Physical or Mental Disability</b>	1	0.3	0	1	550
<b>Automatic Control Failure</b>	2	0.5	0	0	1,500
<b>Misuse of Equipment-Unclassified</b>	2	0.5	0	0	132,500
<b>Installed Too Close to Combustible</b>	2	0.5	0	0	67,000
<b>Constrn./Design/Installn. Def.-Cannot Be Determined</b>	2	0.5	0	0	106,371
<b>Playing With Source (Youth 12-17 yrs.)</b>	3	0.8	0	0	191,619

<b>Construction Deficiency</b>	2	0.5	0	0	515,500
<b>Woodburning Appliance</b>	3	0.8	0	4	18,770
<b>Fatigued</b>	2	0.5	0	0	91,201
<b>Playing With Source (Adult 18 &amp; over)</b>	2	0.5	0	1	25,000
<b>Total</b>	385	100.0	3	53	14,285,016

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Act or Omission

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - unclassified or unknown

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Smokers" Material</b>	30	9.9	2	3	909,341
<b>Overheated Cooking Oil, Grease, Wax</b>	20	6.6	0	6	254,625
<b>Ignorance of Hazard</b>	36	11.8	0	6	1,378,610
<b>Arson or Other Set Fires-Cannot Be Determined</b>	4	1.3	0	0	564,300
<b>Act or Omission-Cannot Be Determined</b>	27	8.9	0	1	1,379,339
<b>Distracted, Preoccupied</b>	22	7.2	0	2	347,761
<b>Combustible Placed Too Close to Heat</b>	7	2.3	0	0	28,500
<b>Electrical Short Circuit</b>	13	4.3	0	2	97,872
<b>Suspected Arson</b>	9	3.0	0	0	299,530
<b>Torch Too Close</b>	53	17.4	0	0	13,314,509
<b>Accident</b>	17	5.6	0	0	185,682

<b>Asleep</b>	3	1.0	0	0	271,075
<b>Human Failing-Unclassified</b>	11	3.6	0	3	440,860
<b>Mech./Elec. Failure/Malfunction- Cannot Be Determined</b>	5	1.6	0	0	378,065
<b>Mech./Elec. Failure/Malfunction- Unclassified</b>	3	1.0	0	1	252,623
<b>Part Failure, Leak, Break</b>	3	1.0	0	0	45,571
<b>Playing With Source (Child age unknown)</b>	4	1.3	0	0	105,211
<b>Vandalism, Mischief-No Charges Laid</b>	3	1.0	0	0	1,250
<b>Asleep (suspect alcohol/drugs/medicn.)</b>	2	0.7	0	0	133,563
<b>Arson-For Vengeful/Spiteful Purposes</b>	5	1.6	0	1	239,804
<b>Playing With Source (Child 11 &amp; under)</b>	1	0.3	0	0	175,000
<b>Misuse of Source of Ignition- Unclassified</b>	1	0.3	0	0	500
<b>Miscellaneous Act or Omission- Unclassified</b>	2	0.7	0	0	170,269
<b>Misuse of Mat. Ignited-Unclassified</b>	3	1.0	0	0	900
<b>Act or Omission-Not Applicable</b>	1	0.3	0	0	10,000
<b>Human Failing-Cannot Be Determined</b>	1	0.3	0	0	3,254
<b>Kids Under 12 Set Fire</b>	1	0.3	0	0	1
<b>Improper Storage</b>	2	0.7	0	0	138,491
<b>Arson or Other Set Fires-Unclassified</b>	1	0.3	0	0	58,000

<b>Part Worn Out</b>	1	0.3	0	0	12,000
<b>Misuse of Equipment-Unclassified</b>	1	0.3	0	0	24,072
<b>Installed Too Close to Combustible</b>	1	0.3	0	0	25,000
<b>Vandalism, Mischief-Charges Laid</b>	1	0.3	0	0	0
<b>Constrn./Design/Installn. Def.-Unclassified</b>	1	0.3	0	0	10,000
<b>Other Installation Deficiency</b>	1	0.3	0	1	900
<b>Playing With Source (Youth 12-17 yrs.)</b>	1	0.3	0	0	1,500
<b>Design Deficiency</b>	2	0.7	0	0	117,000
<b>Cleaning, Washing Parts</b>	1	0.3	0	2	3,200
<b>Arson-For Obscuring Other Crimes</b>	1	0.3	0	0	100,000
<b>Suspected Faulty Connect./Alum. Wiring</b>	1	0.3	0	0	300
<b>Riot, Civil Commotion, Charges Laid</b>	1	0.3	0	0	500
<b>Flying Embers</b>	1	0.3	0	0	1,400
<b>Total</b>	304	100.0	2	28	21,480,378

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Act or Omission

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units with business

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Smokers' Material</b>	28	14.0	0	6	3,255,242
<b>Overheated Cooking Oil, Grease, Wax</b>	16	8.0	0	3	567,832

<b>Ignorance of Hazard</b>	24	12.0	0	5	681,999
<b>Arson or Other Set Fires-Cannot Be Determined</b>	11	5.5	0	0	168,503
<b>Act or Omission-Cannot Be Determined</b>	12	6.0	1	0	801,268
<b>Distracted, Preoccupied</b>	14	7.0	0	1	199,173
<b>Combustible Placed Too Close to Heat</b>	6	3.0	0	1	79,357
<b>Electrical Short Circuit</b>	9	4.5	0	0	1,794,164
<b>Suspected Arson</b>	3	1.5	0	4	398,813
<b>Torch Too Close</b>	2	1.0	0	0	24,000
<b>Accident</b>	6	3.0	0	4	130,132
<b>Asleep</b>	2	1.0	0	3	284,762
<b>Human Failing-Unclassified</b>	3	1.5	0	0	62,601
<b>Mech./Elec. Failure/Malfunction-Cannot Be Determined</b>	5	2.5	0	0	24,751
<b>Mech./Elec. Failure/Malfunction-Unclassified</b>	4	2.0	0	1	24,100
<b>Part Failure, Leak, Break</b>	4	2.0	0	0	63,050
<b>Playing With Source (Child age unknown)</b>	4	2.0	0	0	55,511
<b>Vandalism, Mischief-No Charges Laid</b>	3	1.5	0	0	30,904
<b>Asleep (suspect alcohol/drugs/medicn.)</b>	4	2.0	0	1	191,980
<b>Arson-For Vengeful/Spiteful Purposes</b>	3	1.5	0	3	102,100

<b>Playing With Source (Child 11 &amp; under)</b>	4	2.0	0	4	158,000
<b>Impaired (suspect alcohol/drugs/medicn.)</b>	6	3.0	0	2	1,709,267
<b>Misuse of Source of Ignition-Unclassified</b>	1	0.5	0	0	3,500
<b>Miscellaneous Act or Omission-Unclassified</b>	6	3.0	0	0	1,007,591
<b>Inadequate Control of "Open" fire</b>	1	0.5	0	0	2,000
<b>Act or Omission-Not Applicable</b>	2	1.0	0	0	80,450
<b>Kids Under 12 Set Fire</b>	2	1.0	0	1	5,935
<b>Arson or Other Set Fires-Unclassified</b>	1	0.5	0	0	100
<b>Part Worn Out</b>	1	0.5	0	0	1,000
<b>Physical or Mental Disability</b>	1	0.5	0	0	1,001
<b>Automatic Control Failure</b>	2	1.0	0	0	77,118
<b>Misuse of Equipment-Unclassified</b>	1	0.5	0	1	19,000
<b>Installed Too Close to Combustible</b>	1	0.5	0	0	90,000
<b>Temporary Loss of Judgement</b>	1	0.5	0	1	20
<b>Arson-To Satisfy Compulsive Desires</b>	2	1.0	0	0	2,000
<b>Other Installation Deficiency</b>	1	0.5	0	0	110,000
<b>Constrn./Design/Installn. Def.-Cannot Be Determined</b>	1	0.5	0	0	10,000
<b>Thawing</b>	1	0.5	0	0	500
<b>Overfuelling</b>	1	0.5	0	1	1
<b>Fuel Spilled Accidentally</b>	1	0.5	0	0	100
<b>Total</b>	200	100.0	1	42	12,217,825

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Act or Omission

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units with business

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Smokers" Material</b>	6	9.2	0	1	153,800
<b>Overheated Cooking Oil, Grease, Wax</b>	9	13.8	0	3	211,083
<b>Ignorance of Hazard</b>	2	3.1	0	0	800
<b>Arson or Other Set Fires-Cannot Be Determined</b>	4	6.2	0	0	33,480
<b>Act or Omission-Cannot Be Determined</b>	7	10.8	0	0	549,720
<b>Distracted, Preoccupied</b>	6	9.2	0	0	151,209
<b>Combustible Placed Too Close to Heat</b>	1	1.5	0	0	85,000
<b>Electrical Short Circuit</b>	2	3.1	0	0	368,000
<b>Suspected Arson</b>	1	1.5	0	0	74,000
<b>Torch Too Close</b>	1	1.5	0	0	10,000
<b>Accident</b>	2	3.1	0	0	111,791
<b>Asleep</b>	2	3.1	0	1	77,203
<b>Human Failing-Unclassified</b>	2	3.1	0	0	11,400
<b>Mech./Elec. Failure/Malfunction-Cannot Be Determined</b>	7	10.8	0	0	204,382
<b>Vandalism, Mischief-No Charges Laid</b>	1	1.5	0	0	866
<b>Playing With Source (Child 11 &amp; under)</b>	1	1.5	0	0	1,000
<b>Impaired (suspect</b>	1	1.5	0	1	100,248

<b>alcohol/drugs/medicn.)</b>					
<b>Misuse of Source of Ignition- Unclassified</b>	1	1.5	0	0	6,192
<b>Miscellaneous Act or Omission- Unclassified</b>	1	1.5	0	0	1,800,000
<b>Misuse of Mat. Ignited-Unclassified</b>	1	1.5	0	1	50,000
<b>Inadequate Control of "Open" fire</b>	2	3.1	0	0	40,001
<b>Act or Omission-Not Applicable</b>	1	1.5	0	0	241,394
<b>Kids Under 12 Set Fire</b>	1	1.5	0	0	10,300
<b>Arson or Other Set Fires-Unclassified</b>	1	1.5	0	0	2,500
<b>Misuse of Equipment-Unclassified</b>	1	1.5	0	0	12,000
<b>Misuse of Mat. Ignited-Cannot Be Determined</b>	1	1.5	0	0	4,395
<b>Total</b>	65	100.0	0	7	4,310,764



Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & **Material 1st Ignited**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - over 20 units with or w/o business

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	200	13.6	1	32	2,560,366
<b>Material First Ignited-Misc.-Unknown</b>	134	9.1	6	32	32,325,307
<b>Furniture-Upholstered</b>	63	4.3	1	14	4,434,529
<b>Material First Ignited-Misc.-Unclassified</b>	57	3.9	0	9	13,021,990
<b>Mattress/Pillow</b>	54	3.7	2	11	3,322,999
<b>Garbage, Trash, Rubbish</b>	85	5.8	0	4	497,399
<b>Paper Stock</b>	58	3.9	0	3	3,550,350
<b>Plastics-Not Cellulose Nitrate</b>	52	3.5	0	3	713,840
<b>Bedding</b>	37	2.5	1	9	2,881,316
<b>Peat</b>	49	3.3	0	0	13,173,993
<b>Electric Insulation In Electric Equip.</b>	40	2.7	0	3	4,972,892
<b>Agricultural/Forestry Products-Unclass.</b>	53	3.6	2	5	1,062,779
<b>Cardboard, Cardboard Items</b>	42	2.8	0	1	2,464,547
<b>Exterior Wall Cover, Eave</b>	24	1.6	0	0	1,653,467
<b>Clothing-Synthetic</b>	18	1.2	0	3	832,459
<b>Floor Covering-Carpet/Rug</b>	29	2.0	0	3	5,145,570
<b>Roof Covering-Wood</b>	2	0.1	0	1	44,500

<b>Wastepaper</b>	31	2.1	0	1	129,028
<b>Clothing-Cotton</b>	18	1.2	1	2	360,058
<b>Wood/Wooden Items/Plywood</b>	23	1.6	0	0	261,533
<b>Vegetable Oil-Incl. Margarine</b>	21	1.4	0	6	144,195
<b>Clothing/Textiles-Cannot Be Determined</b>	17	1.2	1	9	5,676,135
<b>Fabric-Cotton Inc. Finished Goods</b>	21	1.4	0	1	283,310
<b>Furniture-Not Upholstered</b>	14	0.9	0	2	415,110
<b>Building Components-Unclassified</b>	10	0.7	0	1	19,133,970
<b>Fibres/Fibre Products</b>	10	0.7	0	0	17,787
<b>Wood/Paper Products-Unclassified</b>	19	1.3	0	2	174,882
<b>Chemicals/Plastics/Metals-Unclassified</b>	9	0.6	0	0	14,602
<b>Propane</b>	9	0.6	0	4	583,979
<b>Gasoline</b>	12	0.8	2	12	786,023
<b>Exterior Trim/Appurtenance</b>	13	0.9	0	0	457,685
<b>Fabric-Synthetic Inc. Finished Goods</b>	14	0.9	0	1	1,169,265
<b>Furniture/Furnishings-Unclassified</b>	10	0.7	0	0	291,520
<b>Polish/Wax</b>	12	0.8	0	4	77,531
<b>Animal Fat</b>	10	0.7	0	0	84,626
<b>Drapery/Curtain/Blind</b>	11	0.7	0	3	204,135
<b>Interior Wall Cover-Not Plastic</b>	8	0.5	0	2	176,365
<b>Paper Decoration</b>	11	0.7	0	0	144,302
<b>Paper/Packing Material</b>	6	0.4	1	0	164,246

<b>Building Component-Wall</b>	7	0.5	0	0	282,793
<b>Building Components-Cannot Be Determined</b>	9	0.6	0	8	48,586,560
<b>Clothing/Textiles-Unclassified</b>	10	0.7	0	0	25,502
<b>Building Component-Floor/Ceiling/Roof</b>	7	0.5	0	0	247,082
<b>Insulation-Plastic</b>	4	0.3	0	0	61,100
<b>Chemicals/Plastics/Metals-Unknown</b>	7	0.5	0	0	107,761
<b>Natural Gas</b>	4	0.3	0	1	3,601
<b>Flammable/Combustible Liquid-Unknown</b>	9	0.6	0	0	326,700
<b>Flammable/Combustible Liquid-Unclassif.</b>	8	0.5	0	2	177,600
<b>Insulation-Wood/Wood Products</b>	4	0.3	0	0	140,100
<b>Ceiling Cover-High Density</b>	9	0.6	0	0	393,274
<b>Food, Protein-Vegetable Or Animal</b>	4	0.3	0	0	9,201
<b>Food, Starch-Potatoe, Rice, Pasta</b>	6	0.4	0	4	22,640
<b>Flammable Liq.(Flash Pt&lt;=37c):Solvent</b>	2	0.1	0	0	15,500
<b>Wood/Paper Products-Cannot Be Determined</b>	8	0.5	0	2	116,502
<b>Grass, Brush, Leaves</b>	3	0.2	0	0	3,409
<b>Flammable Gas-Unclassified</b>	1	0.1	1	0	71,500
<b>Floor Covering-Wood</b>	5	0.3	0	0	1,026,852
<b>Rubber-Natural/Synthetic(Tire Etc.)</b>	6	0.4	0	0	6,552

<b>Roof Covering-Not Wood</b>	3	0.2	0	0	156,252
<b>Flammable Liq.(Flash Pt=&gt;37c):Lubric.Oil</b>	4	0.3	0	0	46,700
<b>Cellulose Nitrate</b>	6	0.4	0	1	9,250
<b>Tree, Shrub</b>	5	0.3	0	0	54,512
<b>Interior Wall Cover-Plastic</b>	3	0.2	0	1	57,054
<b>Wood Shavings</b>	2	0.1	0	0	2,600
<b>Furniture-Plastic</b>	1	0.1	0	0	150
<b>Tarpaulin/Plastic Sheets</b>	5	0.3	0	0	32,731
<b>Contact Cement</b>	1	0.1	0	0	200
<b>Coal/Coke/Charcoal/Peat</b>	2	0.1	0	0	72,045
<b>Lighter Fluid</b>	1	0.1	0	0	2,000
<b>Paint/Varnish</b>	1	0.1	0	0	237,619
<b>Insulation-Mineral</b>	2	0.1	0	0	300
<b>Artificial Tree</b>	2	0.1	0	0	3,501
<b>Manure</b>	1	0.1	0	0	21
<b>Furniture/Furnishings-Cannot Be Determined</b>	1	0.1	0	1	40,000
<b>Oily Rags/Paint Rags Etc.</b>	1	0.1	0	0	18,355
<b>Fire Logs</b>	1	0.1	0	0	5,000
<b>Barbeque Starter Briquettes</b>	2	0.1	0	0	7,580
<b>Fuel Oil: Grades 1-6/Kerosene</b>	2	0.1	0	1	1,001
<b>Agricultural/Forestry Products-Unknown</b>	1	0.1	0	0	52,152
<b>Deep Fat Synthetic Frying Oil-Non Animal</b>	1	0.1	0	0	250,000

<b>Ceiling Cover-Low Density</b>	2	0.1	0	0	4,127,748
<b>Flammable Gases-Unknown</b>	1	0.1	0	0	150
<b>Broom/Mop/Brush</b>	1	0.1	0	0	400
<b>Sulphur, Gun Powder</b>	1	0.1	0	0	1,001
<b>Brake Or Hydraulic Fluid</b>	1	0.1	0	0	10,000
<b>Anaesthetic Gas</b>	1	0.1	0	1	300
<b>Felled Timber</b>	1	0.1	0	0	1
<b>Total</b>	1475	100.0	19	205	180,221,442

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Material 1st Ignited

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units without business

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	206	16.2	0	46	3,482,582
<b>Material First Ignited-Misc.-Unknown</b>	138	10.9	2	17	34,192,443
<b>Furniture-Upholstered</b>	65	5.1	6	14	2,682,071
<b>Material First Ignited-Misc.-Unclassified</b>	47	3.7	1	5	359,518
<b>Mattress/Pillow</b>	59	4.6	1	7	1,395,885
<b>Garbage, Trash, Rubbish</b>	37	2.9	0	2	430,281
<b>Paper Stock</b>	50	3.9	0	1	488,538
<b>Plastics-Not Cellulose Nitrate</b>	40	3.2	1	1	497,093
<b>Bedding</b>	42	3.3	1	18	3,072,637

<b>Peat</b>	28	2.2	0	3	4,730,581
<b>Electric Insulation In Electric Equip.</b>	28	2.2	0	4	801,986
<b>Agricultural/Forestry Products-Unclass.</b>	19	1.5	0	0	110,161
<b>Cardboard, Cardboard Items</b>	24	1.9	0	1	556,940
<b>Exterior Wall Cover, Eave</b>	19	1.5	0	0	202,578
<b>Clothing-Synthetic</b>	32	2.5	0	4	550,485
<b>Floor Covering-Carpet/Rug</b>	19	1.5	0	0	190,093
<b>Roof Covering-Wood</b>	7	0.6	0	0	881,650
<b>Wastepaper</b>	21	1.7	0	4	159,681
<b>Clothing-Cotton</b>	22	1.7	0	2	280,668
<b>Wood/Wooden Items/Plywood</b>	17	1.3	0	2	4,556,280
<b>Vegetable Oil-Incl. Margarine</b>	15	1.2	0	2	190,077
<b>Clothing/Textiles-Cannot Be Determined</b>	22	1.7	0	5	445,997
<b>Fabric-Cotton Inc. Finished Goods</b>	11	0.9	0	0	194,906
<b>Furniture-Not Upholstered</b>	15	1.2	0	5	913,591
<b>Building Components-Unclassified</b>	10	0.8	0	0	696,266
<b>Fibres/Fibre Products</b>	21	1.7	0	0	447,353
<b>Wood/Paper Products-Unclassified</b>	9	0.7	0	2	264,213
<b>Chemicals/Plastics/Metals-Unclassified</b>	18	1.4	0	0	394,739
<b>Propane</b>	13	1.0	0	1	24,897
<b>Gasoline</b>	10	0.8	0	1	153,238
<b>Exterior Trim/Appurtenance</b>	8	0.6	0	0	52,599

<b>Fabric-Synthetic Inc. Finished Goods</b>	8	0.6	0	1	104,291
<b>Furniture/Furnishings-Unclassified</b>	9	0.7	0	3	93,473
<b>Polish/Wax</b>	14	1.1	0	5	168,317
<b>Animal Fat</b>	10	0.8	0	2	113,740
<b>Drapery/Curtain/Blind</b>	9	0.7	0	2	267,310
<b>Interior Wall Cover-Not Plastic</b>	9	0.7	0	1	76,099
<b>Paper Decoration</b>	8	0.6	2	0	109,816
<b>Paper/Packing Material</b>	5	0.4	0	0	95,901
<b>Building Component-Wall</b>	7	0.6	0	0	934,817
<b>Building Components-Cannot Be Determined</b>	7	0.6	0	1	831,622
<b>Clothing/Textiles-Unclassified</b>	4	0.3	0	0	53,300
<b>Building Component-Floor/Ceiling/Roof</b>	7	0.6	0	2	1,598,115
<b>Insulation-Plastic</b>	5	0.4	0	1	208,406
<b>Chemicals/Plastics/Metals-Unknown</b>	6	0.5	0	1	324,983
<b>Natural Gas</b>	8	0.6	0	4	359,027
<b>Flammable/Combustible Liquid-Unknown</b>	6	0.5	0	1	47,700
<b>Flammable/Combustible Liquid-Unclassif.</b>	3	0.2	0	3	1,801
<b>Insulation-Wood/Wood Products</b>	3	0.2	0	0	158,000
<b>Ceiling Cover-High Density</b>	2	0.2	0	0	112,579
<b>Food, Protein-Vegetable Or Animal</b>	6	0.5	0	2	23,200
<b>Food, Starch-Potatoe, Rice, Pasta</b>	5	0.4	0	0	1,571

<b>Flammable Liq.(Flash Pt&lt;=37c):Solvent</b>	8	0.6	0	3	122,771
<b>Wood/Paper Products-Cannot Be Determined</b>	1	0.1	0	0	500
<b>Grass, Brush, Leaves</b>	1	0.1	0	0	50
<b>Flammable Gas-Unclassified</b>	3	0.2	0	0	99,568
<b>Roof Covering-Not Wood</b>	5	0.4	0	0	547,675
<b>Flammable Liq.(Flash Pt=&gt;37c):Lubric.Oil</b>	3	0.2	0	1	7,000
<b>Cellulose Nitrate</b>	2	0.2	0	0	4,000
<b>Tree, Shrub</b>	2	0.2	0	0	20,050
<b>Floor Covering-Lino/Tile/Plastic</b>	5	0.4	0	0	79,151
<b>Interior Wall Cover-Plastic</b>	2	0.2	0	2	97,000
<b>Wood Shavings</b>	2	0.2	0	0	300,351
<b>Furniture-Plastic</b>	3	0.2	0	0	65,000
<b>Contact Cement</b>	2	0.2	0	0	22,600
<b>Coal/Coke/Charcoal/Peat</b>	2	0.2	0	0	12,100
<b>Lighter Fluid</b>	1	0.1	0	1	6,000
<b>Paint/Varnish</b>	1	0.1	0	0	19,000
<b>Insulation-Mineral</b>	1	0.1	0	0	20,000
<b>Manure</b>	2	0.2	0	0	4,500
<b>Furniture/Furnishings-Cannot Be Determined</b>	1	0.1	0	0	55,000
<b>Fondue Fuel</b>	1	0.1	0	0	499
<b>Magnesium And Alloys</b>	1	0.1	0	0	1,500
<b>Agricultural/Forestry Products-</b>	1	0.1	0	0	500



<b>Unknown</b>					
<b>Transmission Fluid</b>	1	0.1	0	0	5,000
<b>Fur/Fur Goods</b>	1	0.1	0	0	1,400
<b>Tar/Asphalt</b>	1	0.1	0	1	15,000
<b>Grain/Flour/Starch</b>	1	0.1	0	0	21,772
<b>Acetylene</b>	1	0.1	0	0	3,500
<b>Food, Fruit-Vegetables</b>	1	0.1	0	0	5,000
<b>Total</b>	1269	100.0	14	184	70,620,582

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Material 1st Ignited

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units without business

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	45	11.7	0	7	1,067,221
<b>Material First Ignited-Misc.-Unknown</b>	41	10.6	1	2	3,700,756
<b>Furniture-Upholstered</b>	18	4.7	2	3	941,514
<b>Material First Ignited-Misc.-Unclassified</b>	17	4.4	0	0	171,681
<b>Mattress/Pillow</b>	9	2.3	0	1	415,475
<b>Garbage, Trash, Rubbish</b>	12	3.1	0	0	273,412
<b>Paper Stock</b>	5	1.3	0	0	37,900
<b>Plastics-Not Cellulose Nitrate</b>	17	4.4	0	4	256,772
<b>Bedding</b>	15	3.9	0	6	514,734

<b>Peat</b>	8	2.1	0	0	108,482
<b>Electric Insulation In Electric Equip.</b>	13	3.4	0	0	769,707
<b>Agricultural/Forestry Products-Unclass.</b>	4	1.0	0	0	32,800
<b>Cardboard, Cardboard Items</b>	4	1.0	0	0	69,000
<b>Exterior Wall Cover, Eave</b>	14	3.6	0	0	1,701,884
<b>Clothing-Synthetic</b>	6	1.6	0	0	43,037
<b>Floor Covering-Carpet/Rug</b>	4	1.0	0	0	272,776
<b>Wastepaper</b>	1	0.3	0	0	50
<b>Clothing-Cotton</b>	6	1.6	0	1	96,601
<b>Wood/Wooden Items/Plywood</b>	8	2.1	0	0	78,250
<b>Vegetable Oil-Incl. Margarine</b>	8	2.1	0	2	91,110
<b>Clothing/Textiles-Cannot Be Determined</b>	6	1.6	0	3	172,795
<b>Fabric-Cotton Inc. Finished Goods</b>	6	1.6	0	0	137,326
<b>Furniture-Not Upholstered</b>	8	2.1	0	4	446,475
<b>Building Components-Unclassified</b>	8	2.1	0	4	155,728
<b>Fibres/Fibre Products</b>	6	1.6	0	0	9,500
<b>Wood/Paper Products-Unclassified</b>	3	0.8	0	0	82,000
<b>Chemicals/Plastics/Metals-Unclassified</b>	3	0.8	0	3	44,800
<b>Propane</b>	6	1.6	0	1	110,706
<b>Gasoline</b>	4	1.0	0	0	112,001
<b>Exterior Trim/Appurtenance</b>	5	1.3	0	0	22,103
<b>Fabric-Synthetic Inc. Finished</b>	4	1.0	0	1	100,425

<b>Goods</b>					
<b>Furniture/Furnishings-Unclassified</b>	2	0.5	0	0	11,581
<b>Polish/Wax</b>	2	0.5	0	1	23,113
<b>Animal Fat</b>	4	1.0	0	0	9,801
<b>Drapery/Curtain/Blind</b>	5	1.3	0	1	114,664
<b>Interior Wall Cover-Not Plastic</b>	3	0.8	0	1	156,501
<b>Paper Decoration</b>	3	0.8	0	0	7,500
<b>Paper/Packing Material</b>	3	0.8	0	0	123,381
<b>Building Component-Wall</b>	3	0.8	0	1	200,853
<b>Building Components-Cannot Be Determined</b>	2	0.5	0	0	40,000
<b>Clothing/Textiles-Unclassified</b>	2	0.5	0	0	1,000
<b>Building Component-Floor/Ceiling/Roof</b>	2	0.5	0	2	325,000
<b>Insulation-Plastic</b>	3	0.8	0	0	168,501
<b>Chemicals/Plastics/Metals-Unknown</b>	3	0.8	0	0	37,900
<b>Natural Gas</b>	2	0.5	0	0	12,500
<b>Flammable/Combustible Liquid-Unclassif.</b>	3	0.8	0	1	40,405
<b>Insulation-Wood/Wood Products</b>	6	1.6	0	0	558,288
<b>Ceiling Cover-High Density</b>	1	0.3	0	0	49,624
<b>Food, Protein-Vegetable Or Animal</b>	1	0.3	0	0	450
<b>Food, Starch-Potatoe, Rice, Pasta</b>	1	0.3	0	0	100
<b>Wood/Paper Products-Cannot Be Determined</b>	1	0.3	0	0	103,933
<b>Grass, Brush, Leaves</b>	3	0.8	0	0	112,000

<b>Flammable Gas-Unclassified</b>	1	0.3	0	1	400
<b>Floor Covering-Wood</b>	1	0.3	0	0	500
<b>Rubber-Natural/Synthetic(Tire Etc.)</b>	1	0.3	0	0	450
<b>Tree, Shrub</b>	1	0.3	0	0	1,500
<b>Wood Shavings</b>	2	0.5	0	0	510
<b>Contact Cement</b>	1	0.3	0	0	2,000
<b>Lighter Fluid</b>	2	0.5	0	1	1,300
<b>Artificial Tree</b>	1	0.3	0	0	25,000
<b>Fondue Fuel</b>	1	0.3	0	0	11,979
<b>Fire Logs</b>	1	0.3	0	0	1,500
<b>Deep Fat Synthetic Frying Oil-Non Animal</b>	1	0.3	0	0	7,956
<b>Power Steering Fluid</b>	1	0.3	0	1	44,723
<b>Christmas Tree-Natural</b>	1	0.3	0	0	33,082
<b>Glue</b>	1	0.3	0	1	20,000
<b>Total</b>	385	100.0	3	53	14,285,016

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Material 1st Ignited

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - unclassified or unknown

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	43	14.1	0	9	1,194,535
<b>Material First Ignited-Misc.-Unknown</b>	39	12.8	0	1	2,153,051

<b>Furniture-Upholstered</b>	8	2.6	0	0	313,569
<b>Material First Ignited-Misc.-Unclassified</b>	13	4.3	0	2	236,670
<b>Mattress/Pillow</b>	10	3.3	1	0	575,846
<b>Garbage, Trash, Rubbish</b>	7	2.3	0	0	113,150
<b>Paper Stock</b>	5	1.6	0	1	282,500
<b>Plastics-Not Cellulose Nitrate</b>	8	2.6	0	0	74,261
<b>Bedding</b>	8	2.6	0	1	481,697
<b>Peat</b>	7	2.3	0	0	270,724
<b>Electric Insulation In Electric Equip.</b>	7	2.3	0	2	225,283
<b>Agricultural/Forestry Products-Unclass.</b>	4	1.3	0	0	4,275
<b>Cardboard, Cardboard Items</b>	3	1.0	0	1	41,000
<b>Exterior Wall Cover, Eave</b>	10	3.3	0	0	101,401
<b>Clothing-Synthetic</b>	3	1.0	0	0	23,029
<b>Floor Covering-Carpet/Rug</b>	5	1.6	0	0	144,404
<b>Roof Covering-Wood</b>	50	16.4	0	0	12,852,209
<b>Wastepaper</b>	1	0.3	0	0	1,200
<b>Clothing-Cotton</b>	4	1.3	0	0	9,411
<b>Wood/Wooden Items/Plywood</b>	4	1.3	0	1	26,500
<b>Vegetable Oil-Incl. Margarine</b>	4	1.3	0	2	26,134
<b>Furniture-Not Upholstered</b>	1	0.3	0	0	16,643
<b>Building Components-Unclassified</b>	6	2.0	0	0	146,948
<b>Wood/Paper Products-Unclassified</b>	3	1.0	0	0	13,642

<b>Chemicals/Plastics/Metals-Unclassified</b>	5	1.6	0	0	170,000
<b>Propane</b>	1	0.3	0	0	21
<b>Gasoline</b>	4	1.3	0	0	232,950
<b>Exterior Trim/Appurtenance</b>	2	0.7	0	0	25,300
<b>Fabric-Synthetic Inc. Finished Goods</b>	2	0.7	0	0	3,600
<b>Furniture/Furnishings-Unclassified</b>	4	1.3	0	0	31,861
<b>Animal Fat</b>	2	0.7	0	0	4,350
<b>Drapery/Curtain/Blind</b>	1	0.3	0	1	65,000
<b>Interior Wall Cover-Not Plastic</b>	2	0.7	0	0	45,000
<b>Paper/Packing Material</b>	1	0.3	0	0	1
<b>Building Component-Wall</b>	2	0.7	0	0	25,300
<b>Building Components-Cannot Be Determined</b>	1	0.3	0	0	450,000
<b>Clothing/Textiles-Unclassified</b>	2	0.7	0	4	101,819
<b>Building Component-Floor/Ceiling/Roof</b>	1	0.3	0	0	40,000
<b>Insulation-Plastic</b>	2	0.7	0	1	55,000
<b>Chemicals/Plastics/Metals-Unknown</b>	1	0.3	0	0	8,523
<b>Flammable/Combustible Liquid-Unclassif.</b>	2	0.7	0	2	33,200
<b>Wood/Paper Products-Cannot Be Determined</b>	1	0.3	0	0	50
<b>Grass, Brush, Leaves</b>	1	0.3	0	0	400,000
<b>Flammable Gas-Unclassified</b>	3	1.0	1	0	177,000
<b>Floor Covering-Wood</b>	4	1.3	0	0	184,735

<b>Rubber-Natural/Synthetic(Tire Etc.)</b>	1	0.3	0	0	550
<b>Roof Covering-Not Wood</b>	1	0.3	0	0	500
<b>Interior Wall Cover-Plastic</b>	2	0.7	0	0	90,736
<b>Magnesium And Alloys</b>	1	0.3	0	0	2,500
<b>Transmission Fluid</b>	1	0.3	0	0	4,000
<b>Ironing Board</b>	1	0.3	0	0	300
<b>Total</b>	304	100.0	2	28	21,480,378

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Material 1st Ignited

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 5 to 20 units with business

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	24	12.0	0	6	922,899
<b>Material First Ignited-Misc.-Unknown</b>	22	11.0	1	4	1,473,150
<b>Furniture-Upholstered</b>	12	6.0	0	4	1,581,784
<b>Material First Ignited-Misc.-Unclassified</b>	12	6.0	0	1	13,154
<b>Mattress/Pillow</b>	14	7.0	0	7	296,433
<b>Garbage, Trash, Rubbish</b>	3	1.5	0	0	1,201
<b>Paper Stock</b>	7	3.5	0	3	80,477
<b>Plastics-Not Cellulose Nitrate</b>	9	4.5	0	0	217,201
<b>Bedding</b>	6	3.0	0	3	258,860
<b>Peat</b>	6	3.0	0	2	2,855,463

<b>Electric Insulation In Electric Equip.</b>	5	2.5	0	1	24,950
<b>Agricultural/Forestry Products-Unclass.</b>	2	1.0	0	0	530
<b>Cardboard, Cardboard Items</b>	1	0.5	0	0	11,311
<b>Exterior Wall Cover, Eave</b>	4	2.0	0	0	28,751
<b>Clothing-Synthetic</b>	3	1.5	0	1	1,900
<b>Floor Covering-Carpet/Rug</b>	4	2.0	0	3	348,551
<b>Roof Covering-Wood</b>	1	0.5	0	0	5,000
<b>Wastepaper</b>	4	2.0	0	0	6,311
<b>Clothing-Cotton</b>	5	2.5	0	1	42,135
<b>Vegetable Oil-Incl. Margarine</b>	3	1.5	0	0	901
<b>Clothing/Textiles-Cannot Be Determined</b>	1	0.5	0	0	700
<b>Fabric-Cotton Inc. Finished Goods</b>	3	1.5	0	1	110,251
<b>Furniture-Not Upholstered</b>	2	1.0	0	0	105,000
<b>Building Components-Unclassified</b>	4	2.0	0	0	14,266
<b>Fibres/Fibre Products</b>	1	0.5	0	0	600
<b>Wood/Paper Products-Unclassified</b>	2	1.0	0	0	400
<b>Chemicals/Plastics/Metals-Unclassified</b>	2	1.0	0	0	6,001
<b>Propane</b>	2	1.0	0	0	50,000
<b>Exterior Trim/Appurtenance</b>	1	0.5	0	0	90,000
<b>Fabric-Synthetic Inc. Finished Goods</b>	2	1.0	0	1	60,000
<b>Furniture/Furnishings-Unclassified</b>	3	1.5	0	0	9,466



<b>Polish/Wax</b>	1	0.5	0	0	2,000
<b>Animal Fat</b>	3	1.5	0	0	174,735
<b>Drapery/Curtain/Blind</b>	2	1.0	0	0	107,148
<b>Interior Wall Cover-Not Plastic</b>	3	1.5	0	0	1,320,000
<b>Paper/Packing Material</b>	4	2.0	0	0	72,904
<b>Clothing/Textiles-Unclassified</b>	1	0.5	0	0	1,500
<b>Insulation-Plastic</b>	2	1.0	0	0	1,757,664
<b>Natural Gas</b>	2	1.0	0	0	10,200
<b>Insulation-Wood/Wood Products</b>	2	1.0	0	0	113,000
<b>Food, Protein-Vegetable Or Animal</b>	1	0.5	0	0	400
<b>Flammable Liq.(Flash Pt&lt;=37c):Solvent</b>	1	0.5	0	1	19,000
<b>Grass, Brush, Leaves</b>	1	0.5	0	0	2,000
<b>Flammable Gas-Unclassified</b>	2	1.0	0	2	5,011
<b>Flammable Liq.(Flash Pt=&gt;37c):Lubric.Oil</b>	1	0.5	0	1	1
<b>Floor Covering-Lino/Tile/Plastic</b>	1	0.5	0	0	14,000
<b>Furniture-Plastic</b>	1	0.5	0	0	15
<b>Paint/Varnish</b>	1	0.5	0	0	600
<b>Oily Rags/Paint Rags Etc.</b>	1	0.5	0	0	1
<b>Total</b>	200	100.0	1	42	12,217,825

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class & Material 1st Ignited

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class= Apartment, Tenement, Flat - 1 to 4 units with business

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Cooking Oil/Fat</b>	10	15.4	0	3	216,167
<b>Material First Ignited-Misc.-Unknown</b>	13	20.0	0	1	2,834,105
<b>Furniture-Upholstered</b>	2	3.1	0	0	135,000
<b>Material First Ignited-Misc.-Unclassified</b>	3	4.6	0	1	4,800
<b>Mattress/Pillow</b>	1	1.5	0	0	32,000
<b>Garbage, Trash, Rubbish</b>	3	4.6	0	0	18,300
<b>Paper Stock</b>	1	1.5	0	0	10,300
<b>Peat</b>	1	1.5	0	0	400
<b>Agricultural/Forestry Products-Unclass.</b>	1	1.5	0	1	300
<b>Cardboard, Cardboard Items</b>	3	4.6	0	0	86,001
<b>Exterior Wall Cover, Eave</b>	5	7.7	0	0	382,866
<b>Clothing-Synthetic</b>	1	1.5	0	0	11,000
<b>Floor Covering-Carpet/Rug</b>	1	1.5	0	0	16,046
<b>Wood/Wooden Items/Plywood</b>	1	1.5	0	0	500
<b>Vegetable Oil-Incl. Margarine</b>	1	1.5	0	0	3,000
<b>Clothing/Textiles-Cannot Be Determined</b>	1	1.5	0	0	74,000
<b>Furniture-Not Upholstered</b>	1	1.5	0	0	40,000
<b>Wood/Paper Products-Unclassified</b>	1	1.5	0	0	100
<b>Gasoline</b>	1	1.5	0	1	50,000
<b>Exterior Trim/Appurtenance</b>	1	1.5	0	0	10,000

<b>Furniture/Furnishings-Unclassified</b>	1	1.5	0	0	74,803
<b>Interior Wall Cover-Not Plastic</b>	1	1.5	0	0	400
<b>Paper/Packing Material</b>	1	1.5	0	0	6,192
<b>Building Component-Wall</b>	1	1.5	0	0	6,888
<b>Building Component-Floor/Ceiling/Roof</b>	1	1.5	0	0	241,394
<b>Insulation-Plastic</b>	1	1.5	0	0	1,050
<b>Flammable/Combustible Liquid-Unknown</b>	1	1.5	0	0	1,100
<b>Ceiling Cover-High Density</b>	1	1.5	0	0	10,698
<b>Food, Protein-Vegetable Or Animal</b>	1	1.5	0	0	7,000
<b>Grass, Brush, Leaves</b>	1	1.5	0	0	15,000
<b>Rubber-Natural/Synthetic(Tire Etc.)</b>	1	1.5	0	0	280
<b>Floor Covering-Lino/Tile/Plastic</b>	1	1.5	0	0	6,074
<b>Furniture/Furnishings-Cannot Be Determined</b>	1	1.5	0	0	15,000
<b>Total</b>	65	100.0	0	7	4,310,764

Fire Losses in multifamily dwellings in Alberta 2000 - 2009

By Property Class and Building Height in # of Storeys

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class   Building Height		No. of Fires	%	Deaths	Injuries	\$Losses
Apartment, Tenement, Flat - 1 to 4 units with business	0	3	0	0	0	30,434
	1	14	0	0	3	465,391
	2	44	1	0	4	3,636,641
	3	4	0	0	0	178,298
Apartment, Tenement, Flat - 1 to 4 units without business	.	4	0	0	0	182,888
	0	11	0	0	0	199,933
	1	107	3	0	12	3,180,413
	2	239	6	3	39	9,560,512
	3	12	0	0	2	575,466
	4	3	0	0	0	46,303
	8	9	0	0	0	539,501
Apartment, Tenement, Flat - 5 to 20 units with business	.	1	0	0	1	20
	0	6	0	0	0	13,220
	1	23	1	0	2	2,590,952
	2	110	3	1	28	3,352,820
	3	38	1	0	8	4,156,167
	4	14	0	0	3	1,958,058
	5	1	0	0	0	75,000
	6	1	0	0	0	3,000
	8	3	0	0	0	6,100

Property Class   Building Height		No. of Fires	%	Deaths	Injuries	\$Losses
	10	1	0	0	0	54,488
	16	1	0	0	0	5,000
	18	1	0	0	0	3,000
Apartment, Tenement, Flat - 5 to 20 units without business	.	2	0	0	0	421,023
	0	24	1	0	2	596,440
	1	87	2	2	18	2,833,658
	2	647	17	5	90	21,070,866
	3	299	8	2	39	38,489,899
	4	165	4	5	30	6,883,155
	5	3	0	0	0	145,000
	6	2	0	0	0	2,000
	8	29	1	0	2	48,232
	10	2	0	0	0	2,800
	16	1	0	0	0	500
	18	2	0	0	3	46,000
	37	1	0	0	0	1,000
	300	3	0	0	0	28,378
	310	1	0	0	0	27,292
	993	1	0	0	0	24,339
Apartment, Tenement, Flat - over 20 units with or w/o business	.	8	0	0	0	72,399
	0	39	1	1	1	620,583
	1	24	1	0	0	577,354

Property Class   Building Height		No. of Fires	%	Deaths	Injuries	\$Losses
	2	121	3	1	13	3,460,110
	3	401	11	5	61	65,457,396
	4	443	12	6	74	60,217,144
	5	32	1	0	4	18,568,463
	6	51	1	0	7	22,372,100
	7	17	0	0	2	1,461,120
	8	48	1	1	7	255,885
	9	9	0	0	0	77,878
	10	55	1	3	8	774,042
	11	8	0	0	2	8,611
	12	19	1	1	1	339,807
	13	8	0	0	0	136,200
	14	11	0	0	2	301,652
	15	10	0	0	1	165,335
	16	12	0	0	0	93,758
	17	14	0	0	0	314,101
	18	61	2	1	6	567,372
	19	7	0	0	0	65,617
	20	6	0	0	0	31,110
	21	3	0	0	1	119,332
	22	8	0	0	0	53,002
	23	1	0	0	0	9,000

Property Class   Building Height		No. of Fires	%	Deaths	Injuries	\$Losses
	24	4	0	0	0	63,000
	25	12	0	0	0	51,991
	26	4	0	0	1	208,052
	27	6	0	0	0	9,700
	28	1	0	0	0	1,000
	30	3	0	0	0	31,000
	31	2	0	0	0	200
	32	4	0	0	9	37,500
	33	1	0	0	0	10,000
	35	2	0	0	0	1
	37	19	1	0	5	689,627
	700	1	0	0	0	3,000,000
Apartment, Tenement, Flat - unclassified or unknown	.	5	0	0	1	61,946
	0	38	1	0	4	1,076,390
	1	58	2	1	5	2,388,765
	2	100	3	1	14	3,481,556
	3	12	0	0	0	281,435
	4	63	2	0	3	14,033,162
	6	1	0	0	0	1,000
	7	1	0	0	0	1
	8	25	1	0	1	156,102
	10	1	0	0	0	21

<b>Property Class  Building Height</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Total</b>	3698	100	39	519	303,136,007

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#### Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

By type of building

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Property Class</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Buildings Under Construction</b>	310	34	0	29	70,373,347
<b>Buildings Under Demolition</b>	28	3	0	2	67,065
<b>Construction, Other Than Buildings</b>	20	2	0	1	391,228
<b>Vacant Property, Property Without Contents</b>	301	33	0	9	7,243,253
<b>Unoccupied Property (unoccupied over 30 days)</b>	100	11	0	1	4,414,948
<b>Contractor's Shed</b>	64	7	0	3	1,734,985
<b>Building Under Major Renovation</b>	63	7	0	5	2,095,041
<b>Under Construction or Demolition-Vacant-Unclass.</b>	30	3	0	0	277,909
<b>Total</b>	916	100	0	50	86,597,776



Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

By type of building & where Major Occupancy = Residential - apartment/tenement

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Property Class	No. of Fires	%	Deaths	Injuries	\$Losses
<b>Buildings Under Construction</b>	15	79	0	3	18,410,371
<b>Vacant Property, Property Without Contents</b>	1	5	0	0	20,000
<b>Unoccupied Property (unoccupied over 30 days)</b>	1	5	0	0	63,000
<b>Building Under Major Renovation</b>	2	11	0	0	35,000
<b>Total</b>	19	100	0	3	18,528,371

Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

In buildings under construction & where Major Occupancy = Residential - apartment/tenement

By Sources of Ignition

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

Source of ignition	No. of Fires	%	Deaths	Injuries	\$Losses
<b>Igniting Object-Unknown</b>	3	20	0	0	5,514,232
<b>Central Heating Unit, Furnace/Boiler</b>	1	7	0	1	175,000
<b>Portable Space Heater</b>	4	27	0	0	6,200
<b>Cigarette</b>	1	7	0	0	10,000
<b>Match</b>	1	7	0	0	324,339
<b>Match/Lighter Cannot Be Determined</b>	1	7	0	0	25,000
<b>Welding Equipment</b>	3	20	0	2	12,355,100
<b>Exposure Unclassified/Unknown</b>	1	7	0	0	500
<b>Total</b>	15	100	0	3	18,410,371

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Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

In buildings under construction & where Major Occupancy = Residential - apartment/tenement

**By acts or Omissions**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Act or Omission</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Arson-For Vengeful/Spiteful Purposes</b>	3	20	0	0	25,200
<b>Arson or Other Set Fires-Cannot Be Determined</b>	2	13	0	0	5,514,132
<b>Vandalism, Mischief-Charges Laid</b>	1	7	0	0	324,339
<b>Smokers" Material</b>	1	7	0	0	10,000
<b>Welding or Cutting Too Close</b>	2	13	0	0	50,100
<b>Torch Too Close</b>	1	7	0	2	12,305,000
<b>Combustible Placed Too Close to Heat</b>	2	13	0	0	3,100
<b>Construction Deficiency</b>	1	7	0	0	3,000
<b>Installed Too Close to Combustible</b>	1	7	0	1	175,000
<b>Distracted, Preoccupied</b>	1	7	0	0	500
<b>Total</b>	15	100	0	3	18,410,371

Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

In buildings under construction & where Major Occupancy = Residential - apartment/tenement

**By Material 1st Ignited**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Material 1st Ignited</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>Material First Ignited-Misc.-Unknown</b>	4	27	0	1	6,013,570
<b>Exterior Wall Cover, Eave</b>	3	20	0	2	12,305,600
<b>Building Component-Floor/Ceiling/Roof</b>	1	7	0	0	50,000
<b>Building Component-Wall</b>	1	7	0	0	100
<b>Tarpaulin/Plastic Sheets</b>	1	7	0	0	100
<b>Wood/Wooden Items/Plywood</b>	1	7	0	0	3,000
<b>Chemicals/Plastics/Metals-Unclassified</b>	1	7	0	0	3,000
<b>Garbage, Trash, Rubbish</b>	2	13	0	0	35,000
<b>Material First Ignited-Misc.-Unclassified</b>	1	7	0	0	1
<b>Total</b>	15	100	0	3	18,410,371

Fire Losses in Buildings Under Construction or Demolition in Alberta 2000 - 2009

In buildings under construction & where Major Occupancy = Residential - apartment/tenement

**By Building Height**

Source: Office of the Fire Commissioner, Alberta Municipal Affairs

<b>Building Height</b>	<b>No. of Fires</b>	<b>%</b>	<b>Deaths</b>	<b>Injuries</b>	<b>\$Losses</b>
<b>2</b>	2	13	0	0	374,339
<b>3</b>	2	13	0	1	175,500
<b>4</b>	6	40	0	0	38,201
<b>5</b>	1	7	0	0	5,514,131
<b>6</b>	1	7	0	2	12,305,000
<b>8</b>	1	7	0	0	100
<b>18</b>	1	7	0	0	3,000
<b>20</b>	1	7	0	0	100
<b>Total</b>	15	100	0	3	18,410,371