

OFFICE *of the* FIRE COMMISSIONER

Province of Manitoba Fire Losses 2003 - 2007

	2007	2006	2005	2004	2003
Fires	5,937	6,079	5,300	5,277	6,189
Property Damages	120.9 Million	116.5 Million	115.7 Million	85.7 Million	93.5 Million
Fatalities	27	16	18	16	12
Adults	<u>1</u>	<u>1</u>	-	<u>3</u>	-
Children	28	17	18	19	12
Total					
Injuries	266	338	354	292	232
Adults	<u>27</u>	<u>39</u>	<u>34</u>	<u>39</u>	<u>20</u>
Children	293	377	388	331	252
Total					
HOME FIRE LOSSES					
Home Fires	1,098	1,171	1,211	1,277	1,264
Property Damages	49.6 Million	47.1 Million	49 Million	42.4 Million	32.5 Million
Fatalities	16	13	13	14	12
Adults	<u>1</u>	<u>1</u>	-	<u>2</u>	-
Children	17	14	13	16	12
Total					
Percentage of Fatalities in the Home	61%	82%	72%	84%	100%
Injuries	182	239	246	229	169
Adults	<u>24</u>	<u>36</u>	<u>31</u>	<u>37</u>	<u>17</u>
Children	206	275	277	266	186
Total					
Percentage of Injuries in the Home	70%	73%	91%	95%	85%

Home Fires – Property Classification 310 – 339 & 371 Dwellings, Apartments, Condos Rooming & Boarding Homes and Mobile Homes

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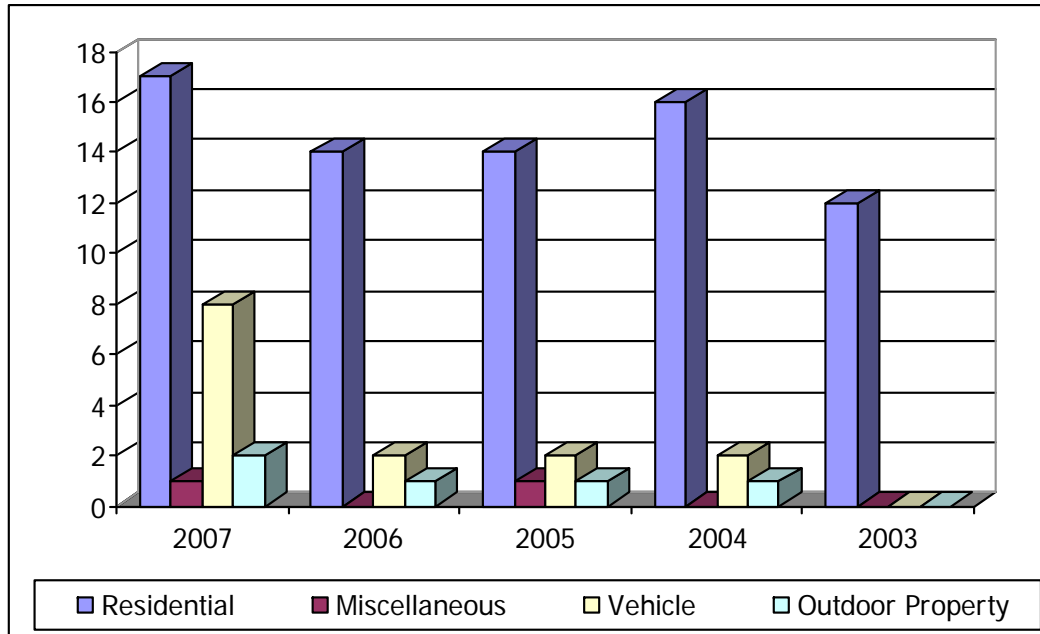
Province of Manitoba Fire Losses 2003 – 2007

CAUSE OF CHILD FATALITIES IN THE HOME				
2007	2006	2005	2004	2003
1- Incendiary	1- Careless smoking	No child fatalities this year	2 – Cooking alcohol involved	No child fatalities this year

CAUSE OF CHILD INJURIES IN THE HOME				
2007	2006	2005	2004	2003
7 – Undetermined 7 – Careless smoking 2- Asleep/Human Failing 3 – Careless cooking 1 – Incendiary 1 – Unattended Candle 1 – Child playing with fire 1- Electrical Short 1- Misuse of Equipment/ Overheated Ceiling Fan	14 - Children playing with fire 12- Careless smoking 3 - Manufacturing of drugs 2- Unattended candle 1- Human failing alcohol involved 1- Careless smoking 1- Lack of maintenance 1 - Suspicious 1 - Misuse of source of ignition	11 - Incendiary 6 - Careless cooking 3 - Misuse of Equipment 3 - Child turned on stove ignited lamp 2 - Children playing with fire 2 - Combustible too close to heater 2 - Stove turned on occupants under influence alcohol 1 - Lack of Maintenance 1- Flammable liquid to kindle fire	20 - Careless cooking 3 - Incendiary 2 - Careless smoking 2 - Electrical failure 2 - Installation deficiency 1 - Unattended candle 1 - Child playing with lighter 1 - Chewed extension cord 5 - Undetermined	5 - Misuse of equipment 4 - Careless cooking 3 - Children playing with fire 2 - Combustibles too close to heat 1 - Incendiary youth 1 - Human Failing 1 - Undetermined

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Manitoba - Fire Fatalities By Property Classification 2003 – 2007



Property Classification	2007	2006	2005	2004	2003
Residential	17 (61%)	14 (82%)	14 (78%)	16 (84%)	12 (100%)
Miscellaneous Structures	1 (4%)	-	1 (5.5%)	-	-
Vehicle	8 (28%)	2 (12%)	2 (11%)	2 (11%)	-
Outdoor Property	2 (7%)	1 (6%)	1 (5.5%)	1 (5%)	-
Total	28 (100%)	17 (100%)	18 (100%)	19 (100%)	12 (100%)

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Manitoba - Incendiary / Suspicious Fires 2003 - 2007

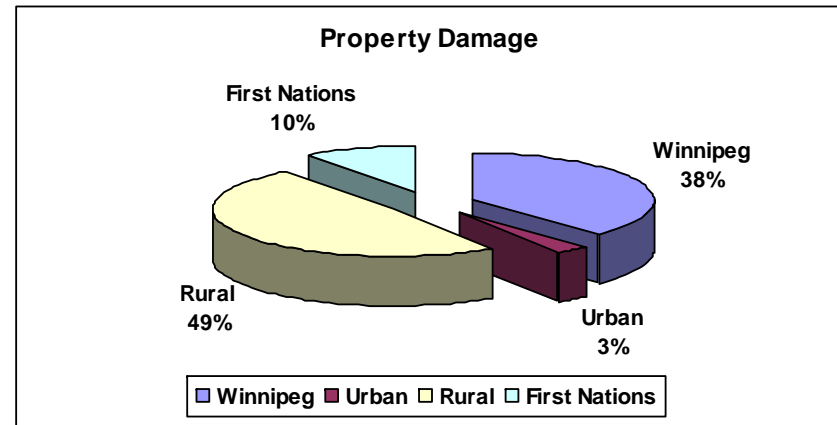
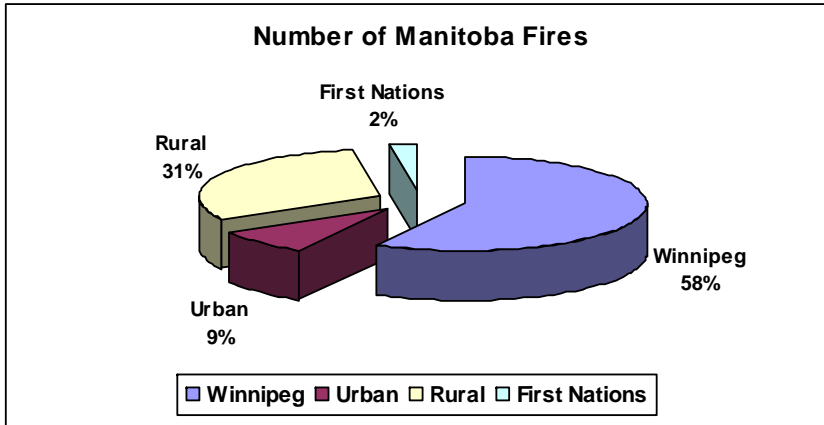
Year	Incendiary/Suspicious						Total Fires			
	Fires	Percent	Damages	Percent	F	I	Fires	Damages	F	I
2003	1,902	31%	\$ 22.8 Million	24%	-	24	6,189	\$ 93.5 Million	12	252
2004	1,791	34%	\$ 24.0 Million	28%	1	51	5,277	\$ 85.7 Million	19	331
2005	2,052	39%	\$ 18.0 Million	16%	1	52	5,305	\$ 116.1 Million	18	388
2006	2,473	41	\$ 30.5 Million	26%	1	83	6,079	\$ 116.5 Million	17	377
2007	2,127	36%	\$ 21.1 Million	17%	5	46	5,937	\$ 120.9 Million	28	293

Incendiary/Suspicious: comprised of all intentionally set fires including vandalism and juvenile fire setting.

F: Fatalities I: Injuries

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Province of Manitoba Fire Losses by Area - 2007

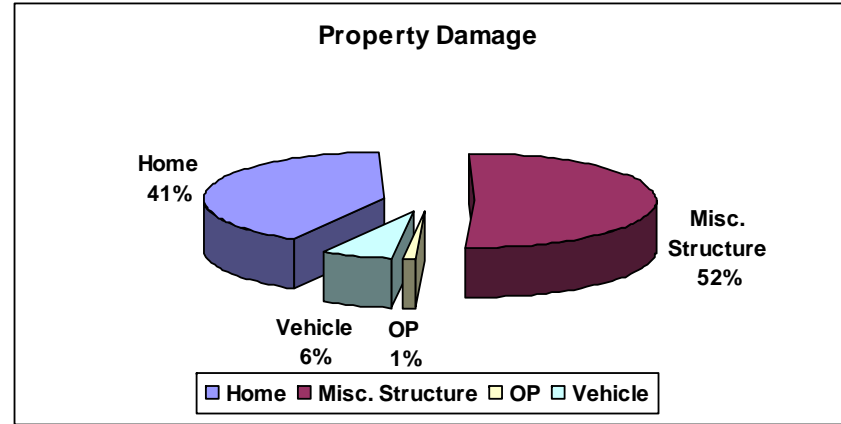
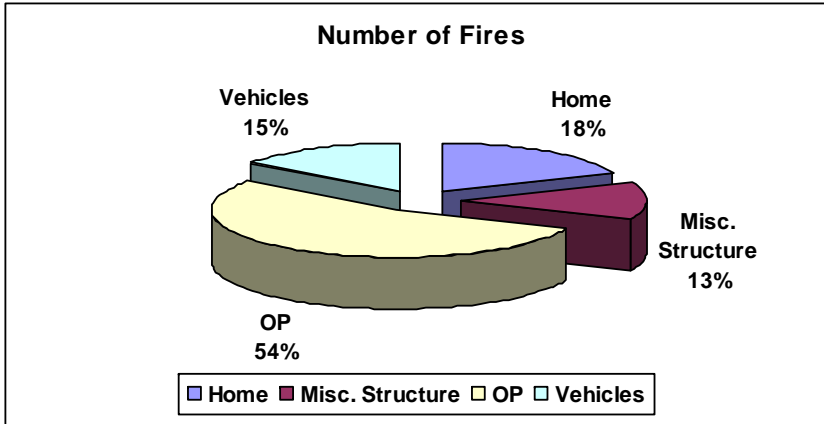


Area	Number of Fires	Percent	Dollar Loss	Percent	Fatalities	Injuries
Winnipeg	3,450	58%	\$ 45,630,496	38%	7	231
Urban	524	9	3,680,895	3	0	17
Rural	1820	31	59,626,666	49	16	45
First Nations	143	2	11,962,860	10	5	0
Total	5,937	100%	\$ 120,900,917	100%	28	293

Urban: Brandon, Dauphin, Flin Flon, Portage la Prairie, Selkirk, Steinbach, Thompson, and Winkler

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Province of Manitoba Fire Losses by Property Classification - 2007



Property Classification	Number of Fires	Percent	Dollar Loss	Percent	Fatalities	Injuries
Outdoor Property 811 – 819, 925, 942 & 995 & 999	3,169	54%	\$ 1,392,169	1%	2	20
Home 311-339 & 371	1,098	18	49,619,608	41	17	206
Vehicles 841-889 & 996-998	893	15	7,720,025	6	8	8
Miscellaneous Structure	777	13	62,169,115	52	1	59
Total	5,937	100%	\$ 120,900,917	100%	28	293

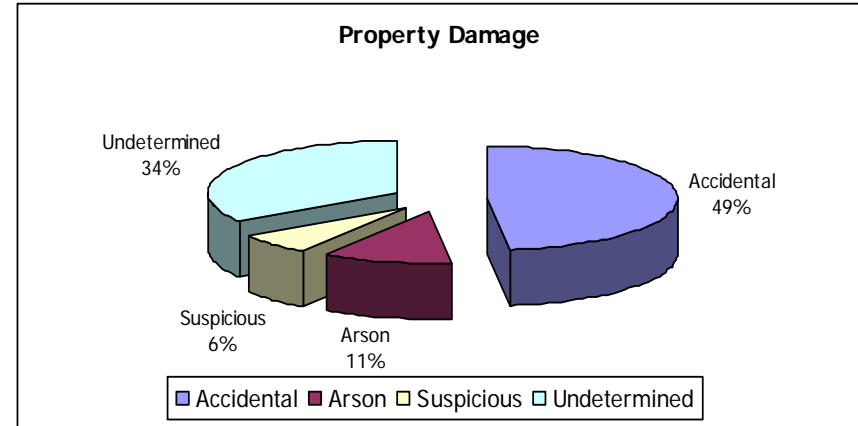
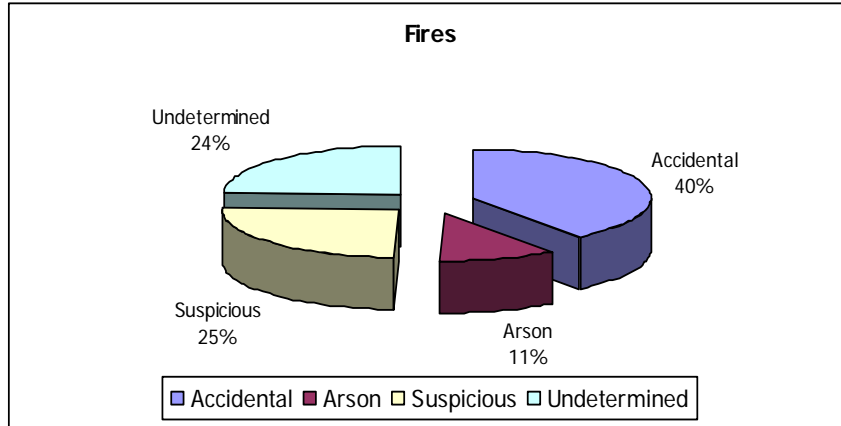
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Manitoba Fire Losses By Property Classification - 2007

Property Classification	Number Of Fires	Dollar Loss		Fatalities	Injuries	
		Percent	Percent			
Assembly	83	1%	\$ 17,932,892	14%	7	
Institutional	35	0.6	1,114,400	-	3	
Residential:						
One/Two Family Dwellings	766	13	37,953,223	31	119	
Apartments	287	5	10,077,541	8	77	
Rooming & Boarding Homes	12	0.2	244,050	-	8	
Hotels	18	0.3	218,300	-	3	
Motor Hotels	2	0.03	60,000	-	0	
Dormitory	3	0.05	1,043,000	8	0	
Mobile Homes, Travel Trailers	54	0.9	1,557,752	1	2	
Miscellaneous	1	0.02	0	0	0	
Sub-total	1,143	19.5	51,153,866	48	209	
Business & Personal Services	23	0.4	3,399,300	2	1	
Mercantile	44	0.8	9,821,485	8	4	
Industrial Manufacturing	56	0.9	5,834,703	4	12	
Industrial Storage	196	3	6,328,835	5	10	
Special:						
Outdoor Property	3,025	51	1,377,836	1	19	
Buildings Under Construction/Demolition Or Vacant	50	0.8	1,784,160	1	5	
Vehicles	888	15	7,709,592	6	8	
Sub-Total	3,963	66.8	10,871,588	8	32	
Miscellaneous Properties						
Farm Facility	174	3	10,419,994	8	9	
Miscellaneous	220	4	4,023,854	3	2	
Sub-Total	394	7	14,443,848	11	15	
Totals	5,937	100%	\$ 120,900,917	100%	28	293

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Province of Manitoba Fire Losses by Cause - 2007



Cause	Number of Fires	Percent	Dollar Loss	Percent	Fatalities	Injuries
Accidental	2,358	40%	\$ 58,036,171	49%	21	201
Arson	638	11	13,558,915	11	5	36
Suspicious	1,489	25	7,627,605	6	0	10
Undetermined	1,452	24	41,678,226	34	2	46
Total	5,937	100%	\$120,900,917	100%	28	293

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Winnipeg Home Fire Losses - 2007

Property Classification (code 311-339 only)	Number of Fires	Dollar Loss	Fatalities			Injuries		
			Men	Women	Children	Men	Women	Children
One & Two Family Dwellings	365	15,378,552	3	0	1	47	29	16
Apartments, Condominium	226	7,614,256	0	1	0	35	22	4
Rooming & Boarding Homes	9	244,050	0	0	0	5	3	0
Total	600	\$23,236,858	3	1	1	87	54	20
Area of Origin								
Kitchen	230	3,765,576	0	0	0	31	25	3
Living Room	60	4,169,749	0	0	0	14	11	8
Structural Area	56	3,204,309	0	0	0	5	0	1
Bedroom	53	4,920,783	1	1	0	14	10	4
Means of Egress	51	935,204	0	0	0	5	1	0
Laundry Area	25	218,150	0	0	0	1	0	0
Storage Area	22	601,150	0	0	0	1	0	0
Washroom	22	534,900	0	0	0	3	2	0
Attached Garage/Vehicle	19	1,867,200	2	0	0	8	3	3
Exterior Balcony	15	468,885	0	0	1	0	0	0
Outside Area	15	136,894	0	0	0	1	0	0
Heating Area Inc. Chimney	15	702,565	0	0	0	2	1	0
Sports Facility	1	1,000,000	0	0	0	0	0	0
Miscellaneous	12	516,443	0	0	0	2	1	1
Undetermined	4	195,050	0	0	0	0	0	0
Total	600	\$23,236,858	3	1	1	87	54	20
Act or Omission								
Careless Cooking	160	2,416,230	0	0	0	13	20	3
Arson Suspicious	120	3,474,504	0	0	1	17	6	1

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Winnipeg Home Fire Losses – 2007 (continued)

Mechanical, Electrical Failure, Malfunction	71	4,623,809	0	0	0	6	4	1
Careless Smoking	46	2,283,211	2	0	0	13	9	5
Misuse of Source of Ignition	38	1,963,562	0	1	0	3	1	0
Combustible too Close to Heat	28	661,325	0	0	0	3	0	0
Human Failing	27	913,079	1	0	0	14	6	2
Children Playing with Fire	13	426,100	0	0	0	2	0	1
Lack of Maintenance	13	112,200	0	0	0	1	0	0
Construction/Design Installation Deficiency	13	601,823	0	0	0	1	0	0
Misuse of Equipment	6	201,900	0	0	0	1	0	1
Misuse of Material Ignited	5	227,500	0	0	0	0	1	0
Miscellaneous	13	253,964	0	0	0	4	0	0
Undetermined	47	5,077,651	0	0	0	9	7	6
Total	600	\$23,236,858	3	1	1	87	54	20
Ignition Object								
Cooking Equipment	211	3,333,659	0	0	0	22	22	3
Open Flame	92	2,771,286	0	1	0	21	9	4
Smokers Material	49	2,497,211	3	0	0	16	12	5
Electrical Distribution Equipment	39	3,730,419	0	0	0	6	4	2
Heating Equipment	29	3,408,330	0	0	0	12	3	0
Exposure	27	861,100	0	0	0	1	1	0
Appliance & Equipment	24	1,068,843	0	0	0	2	0	0
Other Electrical Equipment	20	926,025	0	0	0	1	0	0
Miscellaneous	18	546,569	0	0	1	1	0	0
Undetermined	91	4,093,416	0	0	0	5	3	6
Total	600	\$23,236,858	3	1	1	87	54	20

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Manitoba Rural Home Fire Losses – 2007

Property Classification (code 311-339 only)	Number of Fires	Dollar Loss	Fatalities			Injuries		
			Men	Women	Children	Men	Women	Children
One & Two Family Dwellings	325	17,962,061	5	1	0	18	7	2
Apartments, Condominiums	60	2,463,285	0	0	0	6	8	2
Rooming & Boarding Homes	3	0	0	0	0	0	0	0
Total	388	\$20,425,346	5	1	0	24	15	4
Area of Origin								
Kitchen	103	1,860,501	3	1	0	1	1	0
Structural Area	55	4,808,906	0	0	0	3	1	0
Heating Area incl Chimney	53	1,410,281	0	0	0	0	0	0
Bedroom	39	2,138,125	1	0	0	5	3	2
Living Room	33	2,318,994	1	0	0	7	7	2
Attached Garage/Vehicle Area	21	2,963,191	0	0	0	5	0	0
Outside Area	15	326,181	0	0	0	0	0	0
Means of Egress	13	439,193	0	0	0	1	0	0
Laundry Room	11	308,006	0	0	0	2	0	0
Storage Area	7	186,550	0	0	0	0	2	0
Washroom	3	15,050	0	0	0	0	1	0
Miscellaneous	8	648,000	0	0	0	0	0	0
Undetermined	27	3,002,368	0	0	0	0	0	0
Total	388	\$20,425,346	5	1	0	24	15	4
Act or Omission								
Mechanical, Electrical Failure, Malfunction	74	3,940,330	0	0	0	8	1	0
Careless Cooking	67	351,312	0	0	0	0	2	0
Arson Suspicious	46	4,244,802	0	0	0	1	0	0

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Manitoba Rural Home Fire Losses – 2007 (continued)

Lack of Maintenance	28	378,840	0	0	0	1	1	0
Misuse of Source of Ignition	22	902,162	0	0	0	1	0	1
Human Failing	21	605,373	5	1	0	3	3	0
Combustible too Close to Heat	16	1,557,465	0	0	0	1	1	0
Careless Smoking	14	686,850	0	0	0	3	5	2
Construction/Design Installation Deficiency	14	1,550,969	0	0	0	3	1	0
Children Playing with Fire	8	437,839	0	0	0	0	0	0
Misuse of Material Ignited	5	2,000	0	0	0	1	0	0
Misuse of Equipment	4	8,500	0	0	0	0	0	0
Miscellaneous	14	652,431	0	0	0	0	0	0
Undetermined	55	5,106,473	0	0	0	2	1	1
Total	388	\$20,425,346	5	1	0	24	15	4
Ignition Object								
Cooking Equipment	92	840,924	3	1	0	1	2	0
Heating Equipment	79	3,425,164	0	0	0	5	2	0
Open Flame	46	2,492,926	0	0	0	2	1	1
Electrical Distribution Equipment	40	2,691,758	0	0	0	4	1	0
Smokers Material	21	1,284,250	2	0	0	4	7	2
Appliance & Equipment	18	817,640	0	0	0	4	0	0
Other Electrical Equipment	11	910,680	0	0	0	1	1	0
Exposure	9	253,651	0	0	0	0	0	0
Miscellaneous	7	190,180	0	0	0	0	0	0
Undetermined	65	7,518,173	0	0	0	3	1	1
Total	388	\$20,425,346	5	1	0	24	15	4

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Manitoba First Nations Home Fire Losses - 2007

Property Classification (code 311-339 only)	Number of Fires	Dollar Loss	Fatalities			Injuries		
			Men	Women	Children	Men	Women	Children
One & Two Family Dwellings	76	4,612,610	4	1	0	0	0	0
Apartments, Condominiums	1	0	0	0	0	0	0	0
Total	77	\$4,612,610	4	1	0	0	0	0
Area of Origin								
Kitchen	19	1,556,510	2	0	0	0	0	0
Bedroom	13	828,000	2	1	0	0	0	0
Means of Egress	7	1,153,000	0	0	0	0	0	0
Living Room	6	290,000	0	0	0	0	0	0
Outside Area	6	85,000	0	0	0	0	0	0
Structural Area	4	30,000	0	0	0	0	0	0
Heating and Service Area	2	0	0	0	0	0	0	0
Washroom	1	50	0	0	0	0	0	0
Laundry Room	1	0	0	0	0	0	0	0
Miscellaneous	3	50	0	0	0	0	0	0
Undetermined	15	670,000	0	0	0	0	0	0
Total	77	\$4,612,610	4	1	0	0	0	0

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Manitoba First Nations Home Fire Losses- 2007 (continued)

Act or Omission								
Arson Suspicious	34	2,064,310	2	1	0	0	0	0
Human Failing	8	428,300	2	0	0	0	0	0
Mechanical, Electrical Failure, Malfunction	7	0	0	0	0	0	0	0
Children Playing with Fire	3	750,000	0	0	0	0	0	0
Inadequate Control of Open Fire	3	85,000	0	0	0	0	0	0
Careless Smoking	2	320,000	0	0	0	0	0	0
Careless Cooking	1	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	0	0	0
Undetermined	18	965,000	0	0	0	0	0	0
Total	77	\$4,612,610	4	1	0	0	0	0
Ignition Object								
Open Flame	16	458,300	1	1	0	0	0	0
Cooking Equipment	11	979,300	2	0	0	0	0	0
Exposure	7	85,000	0	0	0	0	0	0
Electrical Distribution Equipment	6	0	0	0	0	0	0	0
Smokers Material	4	320,000	0	0	0	0	0	0
Heating Equipment	1	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	0	0	0
Undetermined	31	2,770,010	1	0	0	0	0	0
Total	77	\$4,612,610	4	1	0	0	0	0

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Manitoba Comparative Fire Fatalities 1991 - 2007

Year	Incidents	Men	Women	Children	Home Fatalities	Total Fatalities	Total Injuries
1991	20	15	7	2	21	24	208
1992	17	11	4	2	14	17	239
1993	13	11	3	-	10	14	250
1994	23	13	8	13	29	34	285
1995	17	10	8	-	10	18	244
1996	18	14	3	4	17	21	231
1997	21	15	6	3	17	24	250
1998	17	7	7	5	16	19	248
1999	23	17	7	7	27	31	237
2000	27	18	6	4	21	28	204
2001	13	9	5	6	18	20	210
2002	16	14	5	2	21	21	257
2003	11	7	5	-	12	12	249
2004	14	11	5	3	16	19	332
2005	17	14	4	-	13	18	388
2006	16	11	5	1	14	17	377
2007	22	21	6	1	17	28	293

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Manitoba Fire Fatalities By Ignition Object 2006 - 2007

Cause & Source	2007				2006			
	Men	Women	Children	Total	Men	Women	Children	Total
Careless Cooking	5	1	-	6	-	-	-	-
Careless Smoking	5	-	-	5	3	2	1	6
Inadequate Control Open Fire	1	1	-	2	1	-	-	1
Incendiary	3	1	1	5	-	-	-	-
Mechanical Electrical Failure	-	-	-	-	1	1	-	2
Accidental	1	-	-	1	-	-	-	-
Motor Vehicle Accident	5	2	-	7	1	1	-	2
Undetermined/Suspicious	-	-	-	-	1	-	-	1
Undetermined/Accidental	1	1	-	2	4	1	-	5
Total	21	6	1	28	11	5	1	17

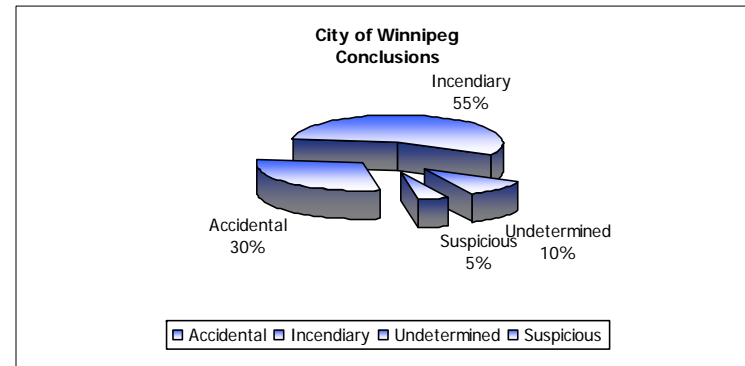
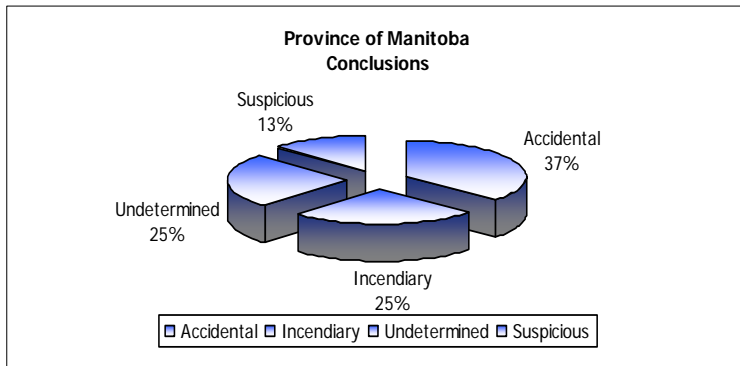
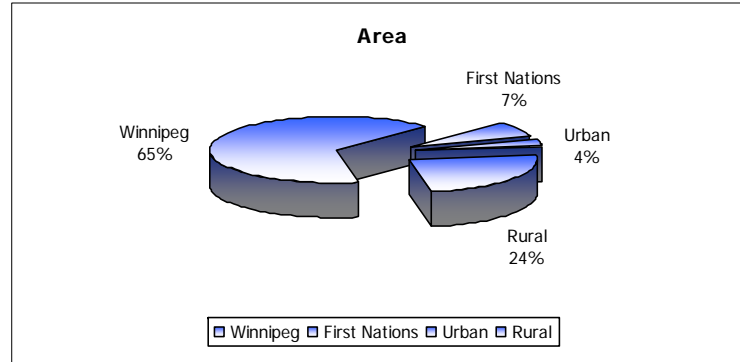
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Manitoba Fire Fatalities By Condition of Casualty 2006 - 2007

Condition of Casualty at Time of Fire	2007				2006			
	Men	Women	Children	Total	Men	Women	Children	Total
Suspected Impairment by Alcohol/Drugs/Medication	11	2	-	13	5	3	-	8
Asleep at Time of Fire	-	-	-	-	1	-	1	2
Awake No Physical or Mental Impairment	2	-	-	2	-	-	-	-
Bedridden/Other Physical Handicap	1	-	-	1	-	1	-	1
Unknown/Not Applicable	5	4	1	10	4	1	-	5
Unclassified	2	-	-	2	1	-	-	1
Total	21	6	1	28	11	5	1	17

OFFICE of the FIRE COMMISSIONER

Manitoba Office of the Fire Commissioner Fire Investigations – 2007



Number of Investigations by Area			Province of Manitoba			City of Winnipeg	
Area	Investigations/Percentage		Conclusions	Investigations/Percentage		Investigations/Percentage	
Winnipeg	415	65%	Accidental	82	37%	165	40%
Rural	155	24	Incendiary	57	25	176	42
First Nations	46	7	Undetermined	56	25	53	13
Urban	23	4	Suspicious	29	13	21	5
Total	639	100%	Total	224	100%	415	100%

Urban: Brandon, Dauphin, Flin Flon, Portage la Prairie, Selkirk, Steinbach, Thompson, and Winkler

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Fire Investigation Conclusions by Area - 2007

Location	Accidental	Incendiary	Undetermined Accidental	Undetermined Suspicious	Total
Winnipeg	165	176	53	21	415
Urban	9	12	2	0	23
Rural	65	25	45	20	155
First Nations	8	20	9	9	46
Total	247	233	109	50	639

Urban: Brandon, Dauphin, Flin Flon, Portage, Selkirk, Steinbach, Thompson, and Winkler