



**Texas Fire Incident Reporting System  
2003 Fire Statistics**

# **Fires in Texas**

**State Fire Marshal's Office  
Texas Department of Insurance  
December 2004**

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**Texas Department of Insurance**

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**Texas Fire Incident Reporting System**

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**<http://www.tdi.state.tx.us/fire/index.html>**

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## Texas Department of Insurance

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Dear Fire Professional:

For 22 years, the State Fire Marshal's Office has published annual fire data reports reflecting information provided by the Texas fire service. In 2003, 831 fire departments reported 1,111,470 fire and non-fire incidents to the Texas Fire Incident Reporting System. This reflects an increase of 22 percent in fire department participation and 14 percent in number of incidents reported. I deeply appreciate the commitment of the fire service for providing this information.

During 2003, fire departments reported 81,326 fires, resulting in 181 deaths, 1,331 injuries and \$382,825,032 in property loss. A fire occurred in Texas every six minutes. We saw a nine percent increase in the number of civilian deaths in structure fires with 77 percent occurring in residential structures. Most civilian deaths in residential structure fires involved people aged 65 or over.

I sincerely hope that all the information contained in this 29<sup>th</sup> Edition of *Fires in Texas* helps our citizens, state leadership, and fire service personnel better understand the fire problem and its long range impact. The heartache and disruption to people's lives cannot be measured or explained by counting incidents. The injuries, loss of life and property damage resulting from all fires remains a source of great concern to us all.

I call upon all our citizens to join me in promoting fire safety and fire prevention. My aim is to bring to bear all collective efforts to reduce fire loss in our state and make it a safer place for everyone.

Don't hesitate to call our office if I can assist you with your fire safety concerns.

Sincerely,

A handwritten signature in cursive script that reads "Paul W. Maldonado".

Paul W. Maldonado  
State Fire Marshal



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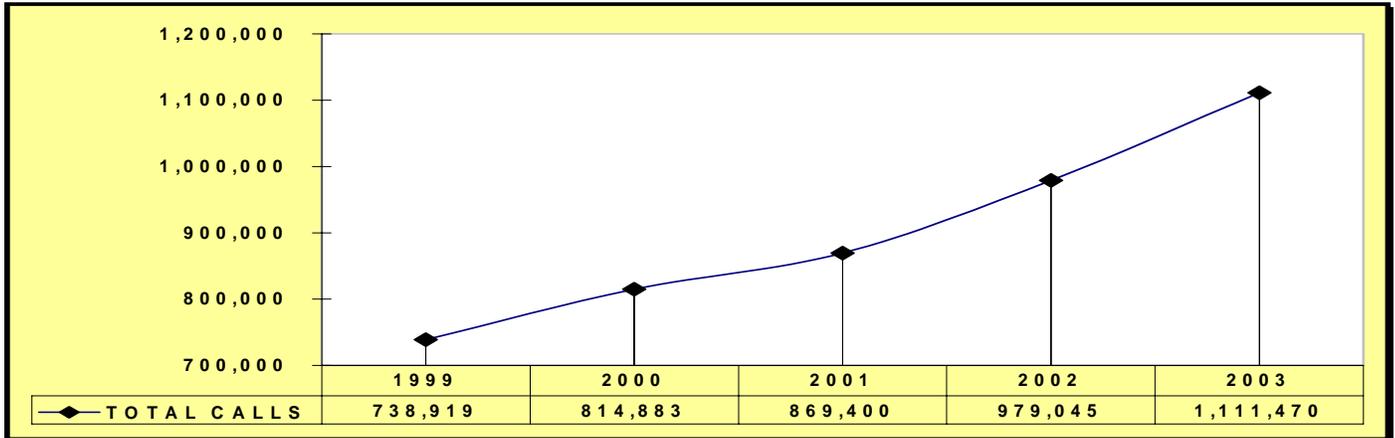
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# All Incidents

This report contains summary information from **831** fire departments for incidents during year 2003, January 1 through December 31. These departments protected **17,994,386** people or approximately **81%** of the state's population, according to the latest census estimates. The average population covered by a reporting department was **21,654**.

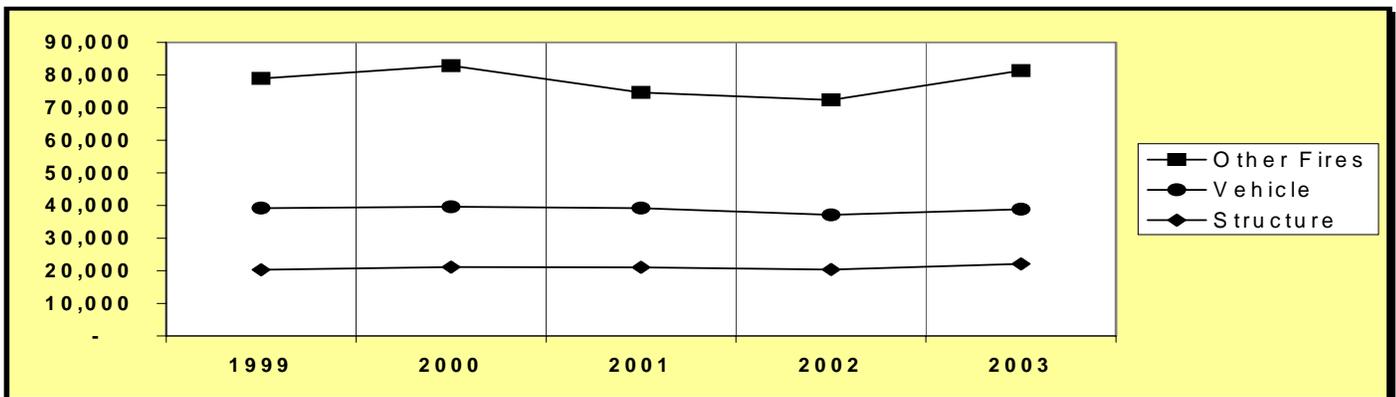


Fire departments reported a total of **1,111,470 fire and non-fire incidents** during the year, an increase of **132,425 (14%)**. As a result of changes in the new reporting system, total calls will now include some previously unclassified non-fire incidents in the "All Other Calls" category.

## Fires

Type of Fire	1999	2000	2001	2002	2003
Structure	20,279	21,134	21,033	20,352	22,100
Vehicle	18,900	18,440	18,118	16,747	16,760
Outside and Other	39,770	43,269	35,463	35,248	42,466
<b>TOTAL FIRES</b>	<b>78,949</b>	<b>82,843</b>	<b>74,614</b>	<b>72,347</b>	<b>81,326</b>

Fire departments reported a total of **81,326 fires** for this period, an increase of **8,979 (12%)**.



There were **42,466 outside or other types of fires**, an increase of **7,218 (20%)**, **16,760 vehicle fires**, a slight increase of **13** (less than 1%), and **22,100 structure fires**, an increase of **1,748 (9%)**.

There were **181 reported fire-related fatalities**: 180 civilians and one fire fighter. There were **1,331 fire-related injuries**: 868 civilian and 463 fire fighters. Fatalities and injuries reported by a department providing mutual aid are not included in this summary data.

### Other Calls

Includes incidents involving overpressure ruptures, explosions and overheating with no ensuing fire, rescue and medical service incidents, hazardous condition calls, service calls such as animal problems, assistance to the police, assisting invalids, standby at fire station, and good intent calls such as cancelled en route calls, controlled burning, smoke scare and hazmat investigation with no hazardous condition found.

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>Overpressure Ruptures</b>	2,133	2,883	3,113	3,062	3,241
<b>Rescue/EMS Calls</b>	339,910	380,675	432,331	534,866	635,726
<b>Hazardous Condition Calls</b>	40,566	43,839	49,774	52,367	58,502
<b>Service Calls</b>	54,827	60,596	61,280	67,017	70,583
<b>Good Intent Calls</b>	88,024	97,278	97,104	97,074	105,735

There was an increase of **6%** in **Overpressure Ruptures**, an increase of **19%** in **Rescue/EMS Calls**, an increase of **12%** in **Hazardous Condition Calls**, an increase of **5%** in **Service Calls**, and an increase of **9%** in **Good Intent Calls**.

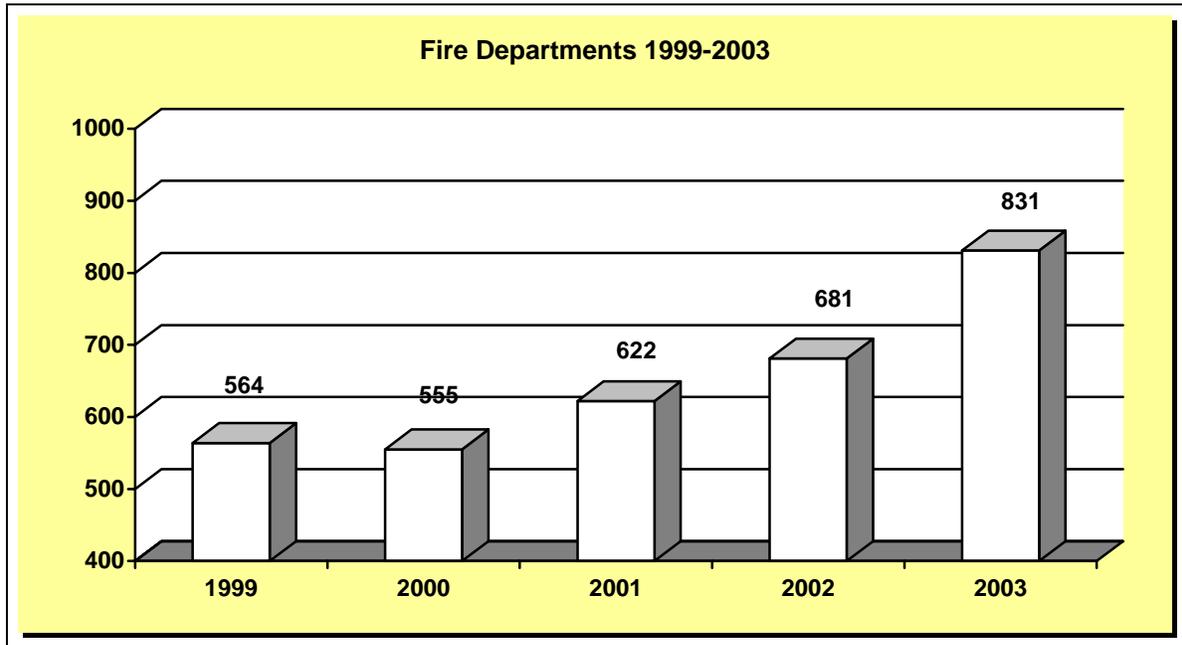
<b>False Calls</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Malicious	12,366	12,830	13,235	12,733	13,834
Other False Calls	<u>92,775</u>	<u>102,712</u>	<u>106,621</u>	<u>106,794</u>	<u>106,936</u>
<b>Total False Calls</b>	<b>105,141</b>	<b>115,542</b>	<b>119,856</b>	<b>119,527</b>	<b>120,770</b>

There was a slight increase of **1%** in total **False Calls**.

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>Severe Weather and Natural Disaster (new category)</b>		164	436	729	1,025
<b>Mutual Aid Given</b>	19,565	19,113	18,867	23,763	29,570
<b>All Other Calls</b>	9,804	11,950	12,025	8,293	4,992
<b>TOTAL CALLS</b>	<b>738,919</b>	<b>814,883</b>	<b>869,400</b>	<b>979,045</b>	<b>1,111,470</b>

## Fire Department Participation

For the third year in a row we have seen an increase in fire department participation in the TEXFIRS program. In 2001 we had an increase of **12%**, in 2002 there was an increase of **9%**, and in 2003 we saw an increase of **22%**. The number of fire departments reporting should be considered when reviewing data comparisons between years.



## Fire Dollar Loss

	1999	2000	2001	2002	2003
<b>TOTAL DOLLAR LOSS</b>	\$376,531,754	\$367,632,909	\$396,384,970	\$373,020,577	<b>\$382,825,032</b>

**The total dollar loss from these fires was \$382,825,032.** Dollar losses represent "best estimates" by fire fighters responding to fire incidents and are used solely for statistical purposes. Some dollar losses for fires were not reported or were reported as "unknown" because lack of time and/or information prohibited the estimation of losses.

# Uses of TEXTFIRS

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Since 1982, Texas has participated in the collection of fire department incident information through TEXTFIRS, the only statewide uniform system of fire and non-fire incident reporting.

Fire departments use this reporting system to uniformly code incident information. Accurate and complete information about fires and other incidents can provide a fire department with a valuable reference to:

- help allocate limited resources;**
- justify budget needs;**
- review the need for personnel training; and**
- focus the direction of fire education/prevention programs.**

State lawmakers, the press, the general public, insurance companies, and fire service administrators and leaders request TEXTFIRS summary reports to help address fire safety concerns and new legislation issues.

Texas adopted the National Fire Incident Reporting System, NFIRS 5.0, as the TEXTFIRS reporting system, without modification. This year's *FIRES IN TEXAS* is the fourth annual report incorporating this new system, Version 5.0. ***Changes in the data collected and categories utilized should be considered when previous years' data are compared or trends are reviewed.***

TEXTFIRS/NFIRS data is forwarded to the National Fire Data Center (NFDC) at the U.S. Fire Administration each year. The NFDC can then compare and contrast statistics from states and large metropolitan departments to:

- develop national public education campaigns;**
- make recommendations for national codes and standards;**
- guide allocation of federal funds;**
- ascertain consumer product failures;**
- identify the focus for research efforts; and**
- support federal legislation.**

NFIRS data is used as the basis for the USFA's publication *Fire in the United States*, which is the single most comprehensive reference on the nature and scope of the fire problem in the United States.

NFIRS data is also used by the

- Consumer Product Safety Commission (CPSC),
- International Association of Fire Chiefs (IAFC),
- International Association of Fire Fighters (IAFF),
- National Association of State Fire Marshals (NASFM),
- National Fire Protection Association (NFPA),
- National Highway Traffic Safety Administration (NHTSA),
- National Volunteer Fire Council (NVFC).



# All Fires

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This summary report is a statistical presentation of fire incident information submitted by all participating fire departments and should be considered a tool to better understand the fire problem in our state.

The U.S. continues to have one of the highest fire death rates in the industrialized world. Fire kills more Americans than all natural disasters combined. According to the National Fire Protection Association's report *Fire Loss in the United States During 2003* an estimated 3,925 civilians lost their life to fire, 80% occurring in the home. Nationwide there was a civilian fire death every 134 minutes. A residential structure fire occurred every 79 seconds.

Again this year, Texas saw an increase in the number of fire-related deaths. There were 81,326 fires reported to TEXFIRS during 2003, a fire every 6 minutes. These fires resulted in 181 deaths, 1,331 injuries and \$382,825,032 in property loss. There were 180 civilian fire deaths in Texas in 2003, 70% occurring in the home.

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Fire department participation in incident reporting increased 22% during the year, with a 12% increase in the total number of fires reported.

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There were 22,100 fires in structures, resulting in 137 deaths, 1,135 injuries and \$300,218,708 in property damage. A structure fire occurred every 24 minutes.

Most structure fires occurred on residential property. Structure fires were responsible for 85% of the injuries and 76% of the deaths in all reported fires.

A residential structure fire occurred every 31 minutes. Most civilian deaths (25%) in residential property involved the elderly (age 65 and over).

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There were 9,685 incendiary/suspicious fires, resulting in 23 deaths, 143 injuries and \$72,915,100 in property loss. An incendiary/suspicious fire occurred every 54 minutes.

Texas saw a 4% decrease in the number of incendiary/suspicious fires reported and a 12% decrease in the number of deaths resulting from these fires.

Incendiary/suspicious fires were responsible for 13% of deaths and 11% of injuries in all fire-related incidents.

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Most fires occurred during the month of December.

Most fire-related casualties occurred in January.

Most fires occurred during the hours of 4:01 PM and 8:00 PM.

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There were 510 fires determined to be caused by fireworks, an increase of 40%.

## Overview of Year 2003 Texas Fires

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### All Fires

In 2003, there were	81,326 fires,	181 deaths,	1,331 injuries, and	\$382,825,032	in property loss.
Each month, there were	6,777 fires,	15 deaths,	111 injuries, and	\$31,902,086	in property loss.
Each week, there were	1,564 fires,	3 deaths,	26 injuries, and	\$7,362,020	in property loss.
Each day, there were	223 fires,	0.5 deaths,	4 injuries, and	\$1,048,836	in property loss.
Each hour, there were	9 fires,	0 deaths,	0 injuries, and	\$43,701	in property loss.
Each minute, there were	0.15 fires,	0.00 deaths,	0.00 injuries, and	\$728	in property loss.

A fire occurred approximately every 6 minutes.

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### Structure Fires

In 2003, there were	22,100 fires,	137 deaths,	1,135 injuries, and	\$300,218,708	in property loss.
Each month, there were	1,842 fires,	11 deaths,	95 injuries, and	\$25,018,226	in property loss.
Each week, there were	425 fires,	2.6 deaths,	22 injuries, and	\$5,773,437	in property loss.
Each day, there were	61 fires,	0 deaths,	3 injuries, and	\$822,517	in property loss.
Each hour, there were	3 fires,	0 deaths,	0 injuries, and	\$34,272	in property loss.
Each minute, there were	0.04 fires,	0.00 deaths,	0.00 injuries, and	\$571	in property loss.

A fire occurred approximately every 24 minutes.

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### Residential Fires

In 2003, there were	17,072 fires,	126 deaths,	994 injuries, and	\$213,561,192	in property loss.
Each month, there were	1,423 fires,	11 deaths,	83 injuries, and	\$17,796,766	in property loss.
Each week, there were	328 fires,	2 deaths,	19 injuries, and	\$4,106,946	in property loss.
Each day, there were	47 fires,	0 deaths,	3 injuries, and	\$585,099	in property loss.
Each hour, there were	2 fires,	0 deaths,	0 injuries, and	\$24,379	in property loss.
Each minute, there were	0.03 fires,	0.00 deaths,	0.00 injuries, and	\$406	in property loss.

A fire occurred approximately every 31 minutes.

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### Incendiary/Suspicious Fires

In 2003, there were	9,685 fires,	23 deaths,	143 injuries, and	\$72,915,100	in property loss.
Each month, there were	807 fires,	2 deaths,	12 injuries, and	\$6,076,258	in property loss.
Each week, there were	186 fires,	0.4 death,	3 injuries, and	\$1,402,213	in property loss.
Each day, there were	27 fires,	0 deaths,	0 injuries, and	\$199,767	in property loss.
Each hour, there were	1 fire,	0 deaths,	0 injuries, and	\$8,324	in property loss.
Each minute, there were	0.02 fires,	0.00 deaths,	0.00 injuries, and	\$139	in property loss.

A fire occurred approximately every 54 minutes.

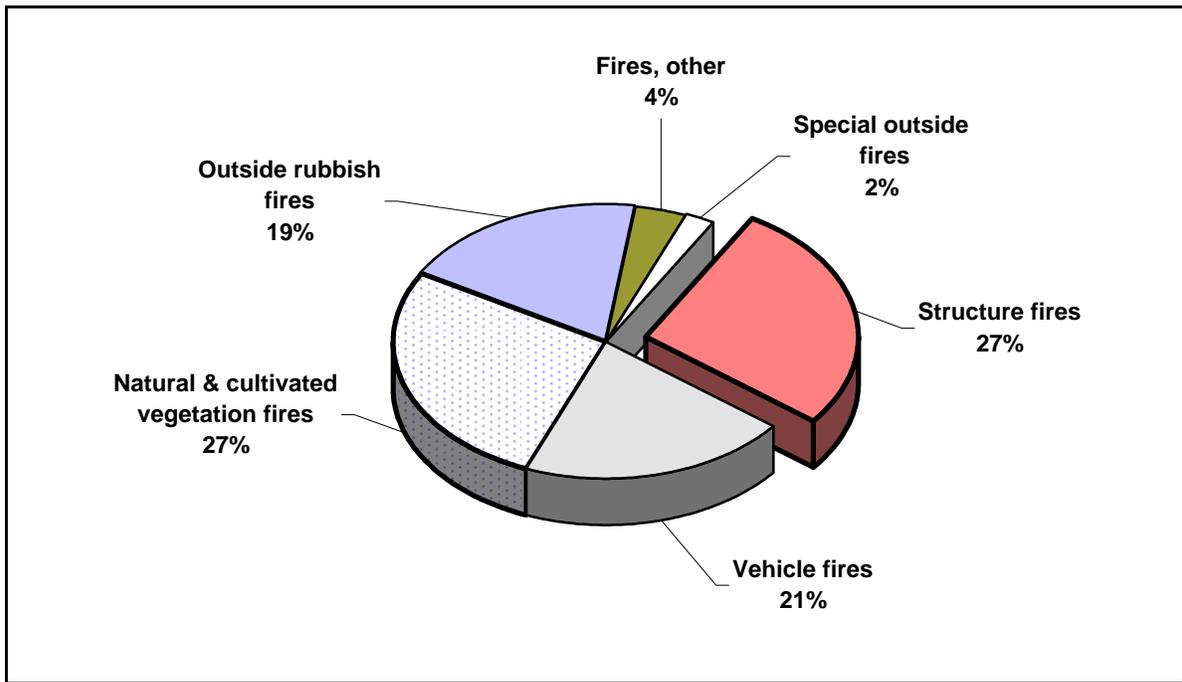
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## Total Fires, Casualties and Dollar Loss by Fire Type

The following table shows the type of fires and the associated casualties and dollar loss.

Types of Fires	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Total Casualties	Dollar Loss
Structure fires	22,100	392	0	743	137	1,272	\$300,218,708
Vehicle fires	16,760	17	0	69	40	126	\$68,750,239
Natural & cultivated vegetation fires	22,088	20	1	14	1	36	\$3,422,237
Outside rubbish fires	15,480	10	0	6	0	16	\$434,498
Fires, other	3,023	16	0	17	1	34	\$5,234,158
Special outside fires	1,875	8	0	19	1	28	\$4,765,192
<b>Totals</b>	<b>81,326</b>	<b>463</b>	<b>1</b>	<b>868</b>	<b>180</b>	<b>1,512</b>	<b>\$382,825,032</b>

### Types of Fires by Percentage of Total

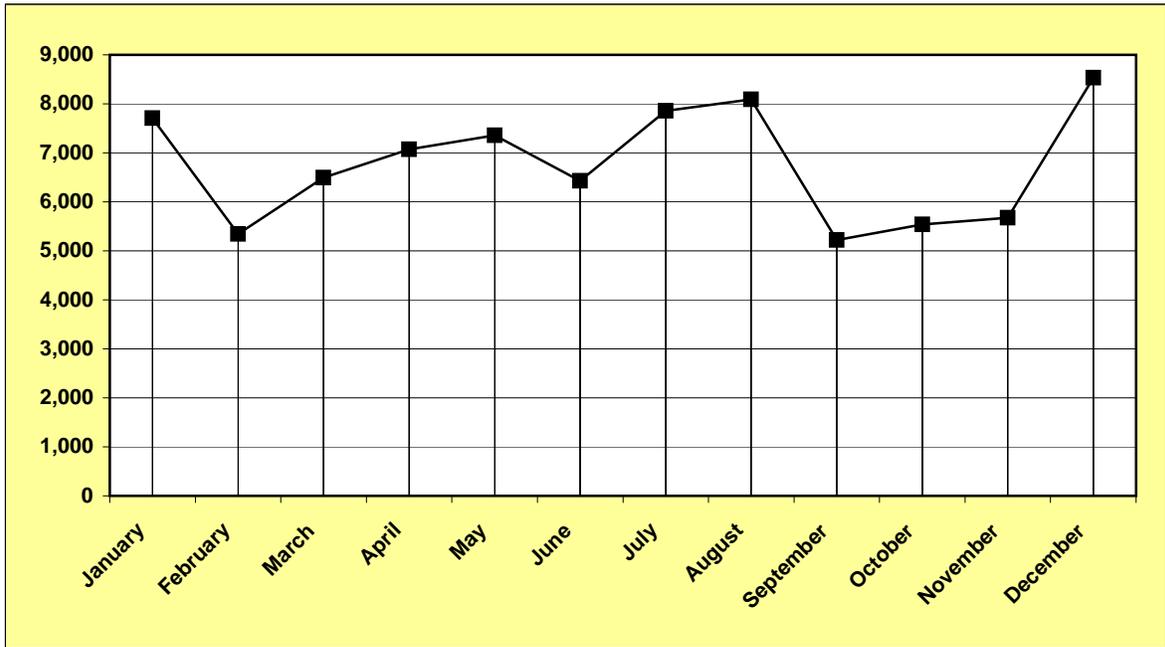


## Total Fires, Casualties and Dollar Loss by Month

The following table shows all fires by month, with the associated casualties and dollar loss.

Month	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Total Casualties	Dollar Loss
January	7,708	52	0	90	22	164	\$36,634,631
February	5,343	36	0	87	14	137	\$38,753,515
March	6,494	32	1	62	13	108	\$34,614,314
April	7,071	36	0	83	20	139	\$38,415,846
May	7,355	44	0	75	10	129	\$39,909,901
June	6,429	58	0	53	8	119	\$30,543,382
July	7,858	37	0	70	12	119	\$29,985,163
August	8,094	44	0	70	20	134	\$29,272,712
September	5,221	20	0	64	14	98	\$23,747,495
October	5,541	26	0	83	13	122	\$22,624,826
November	5,678	39	0	49	11	99	\$24,658,680
December	8,534	39	0	82	23	144	\$33,665,167
<b>Totals</b>	<b>81,326</b>	<b>463</b>	<b>1</b>	<b>868</b>	<b>180</b>	<b>1,512</b>	<b>\$382,825,632</b>

**Total Fires by Month**

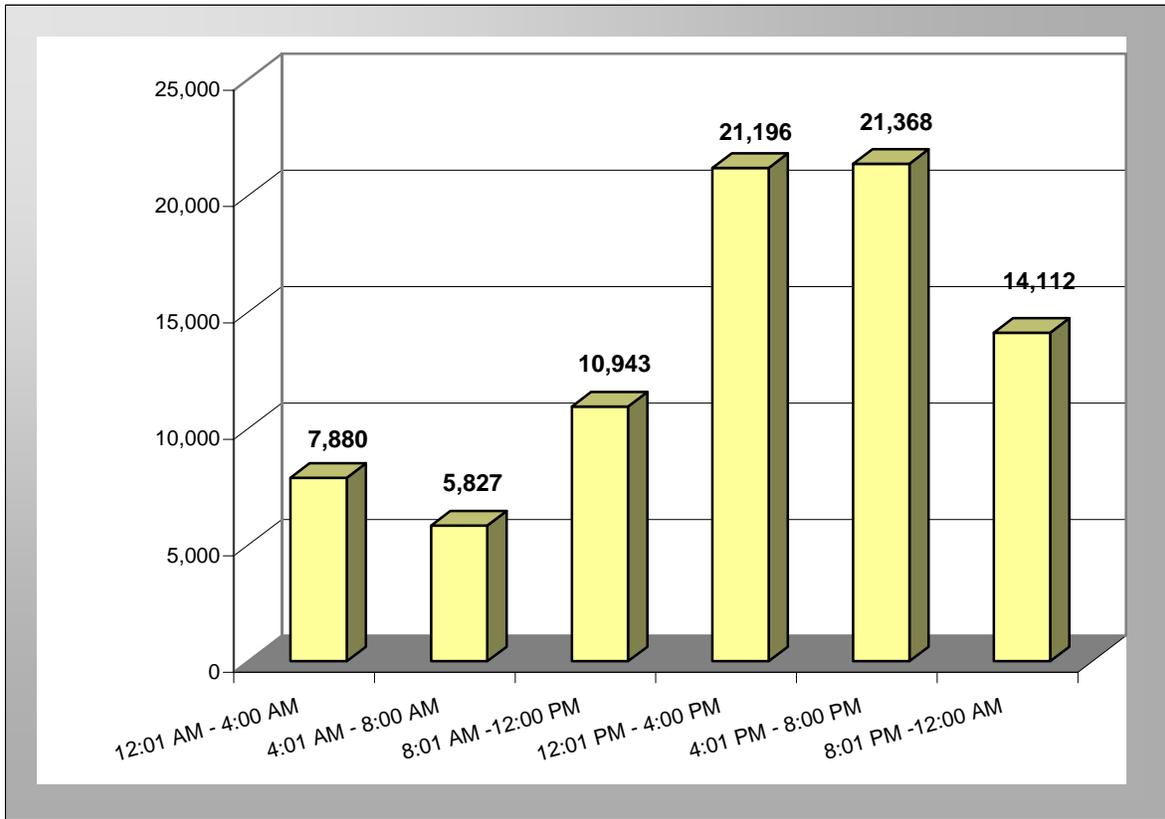


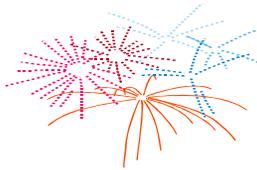
## Time of Alarm by Type of Fire

The following table shows the time of alarm for the major categories of fires.

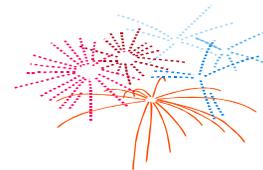
Alarm Time Interval	Total Fires	Structure Fires	Vehicle Fires	Natural & Cultivated Vegetation Fires	Outside Rubbish Fire	Fire, Other	Special Outside Fire
12:01 AM - 4:00 AM	7,880	2,559	2,462	900	1,546	245	168
4:01 AM - 8:00 AM	5,827	2,120	1,824	574	925	217	167
8:01 AM - 12:00 PM	10,943	3,449	2,350	2,486	1,893	492	273
12:01 PM - 4:00 PM	21,196	4,651	3,503	8,759	3,236	644	403
4:01 PM - 8:00 PM	21,368	5,363	3,770	6,614	4,330	791	500
8:01 PM - 12:00 AM	14,112	3,958	2,851	2,755	3,550	634	364
<b>Totals</b>	<b>81,326</b>	<b>22,100</b>	<b>16,760</b>	<b>22,088</b>	<b>15,480</b>	<b>3,023</b>	<b>1,875</b>

### Time of Alarm for All Types of Fires





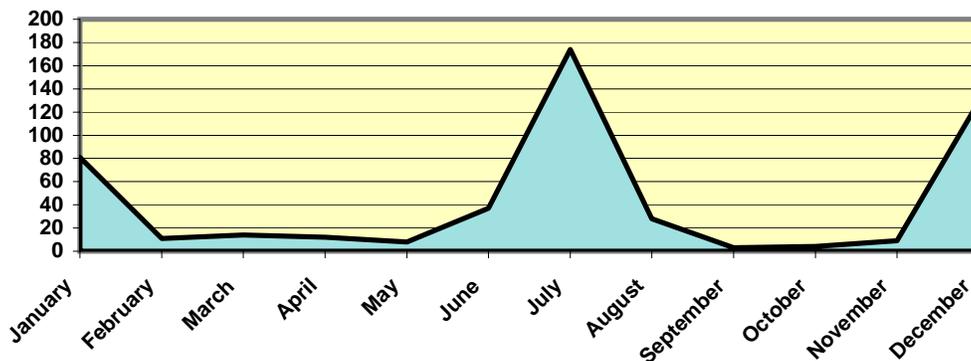
## Fires Caused by Fireworks



The following table shows the number of reported fires caused by fireworks each month along with the associated casualties and dollar loss.

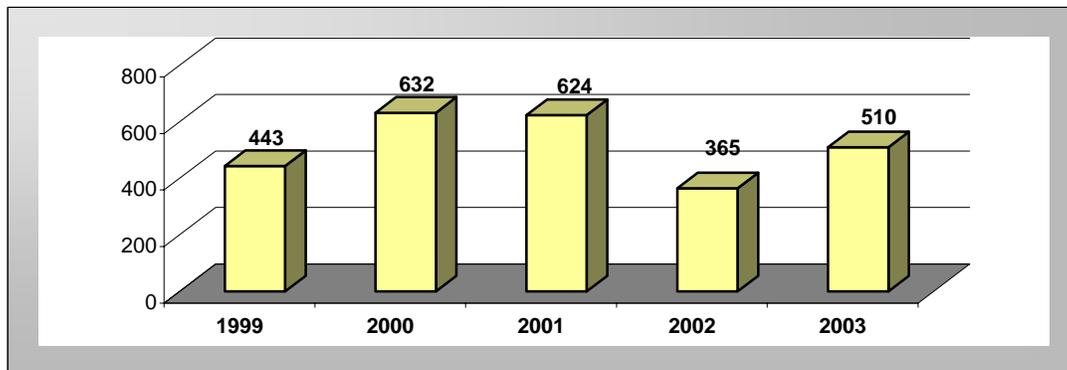
Month	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Loss
January	81	0	0	2	0	\$50,110
February	11	0	0	0	0	\$70,000
March	14	0	0	0	0	\$2,500
April	12	0	0	0	0	\$751
May	8	0	0	0	0	\$600
June	37	0	0	0	0	\$34,430
July	174	1	0	0	0	\$184,314
August	28	1	0	1	0	\$82,500
September	3	0	0	0	0	\$0
October	4	0	0	0	0	\$0
November	9	0	0	0	0	\$1,200
December	129	1	0	0	0	\$73,815
<b>Totals</b>	<b>510</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>\$500,220</b>

**Fires Caused by Fireworks by Month**



Most fires caused by fireworks, **34%**, occurred during the month of **July**.

**Fires Caused by Fireworks 1999-2003**



There was an increase of **40%** in the number of fireworks-related fires.

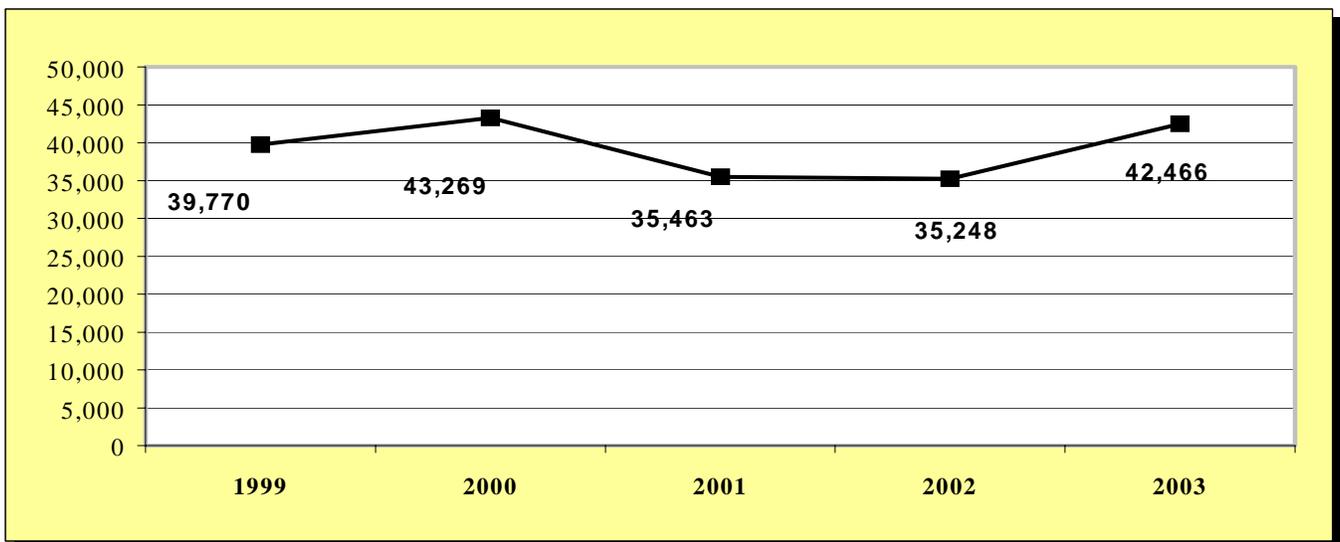


## Outside and Other Fires

Fire departments reported 42,466 outside and other fires for this period, the most fires in any single fire category. This type of fire includes rubbish, trees, brush and grass fires, as well as any other type of fire not considered as a vehicle or a structure fire.

Three civilian fatalities, one fire service fatality, 56 civilian injuries, 54 fire service injuries and property loss estimated at \$13,856,085 resulted from outside and other fires.

### Total Outside and Other Fires 1999-2003



There was an increase of **20%** in the total number of outside and other fires.

### Counties with the Greatest Number of Outside and Other Fires

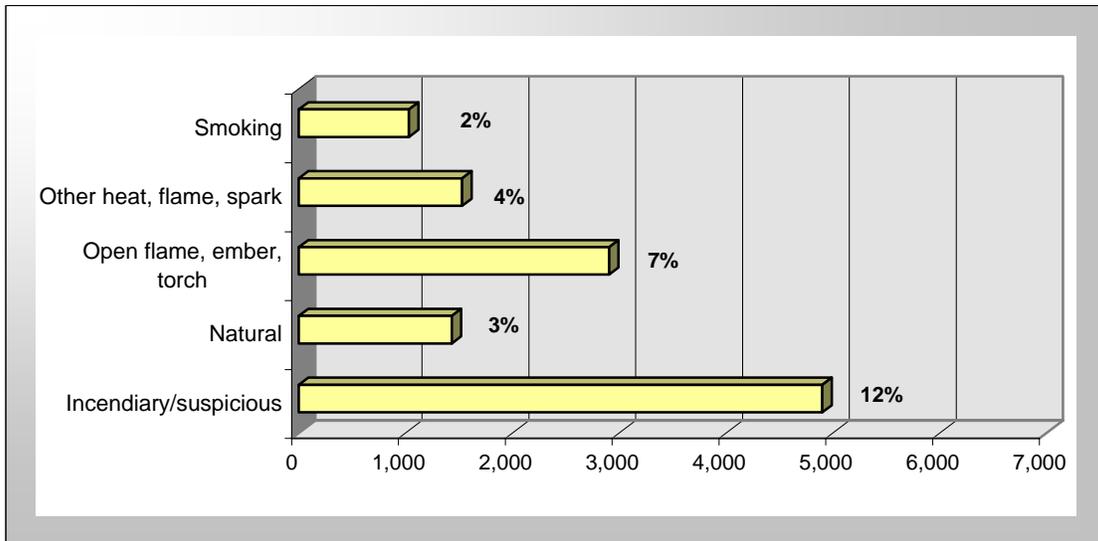
County	Total	County	Total
Dallas	5,357	Potter	702
Harris	3,223	Nueces	656
Tarrant	2,956	Johnson	588
Bexar	2,828	Gregg	571
El Paso	1,364	Montgomery	568
Travis	1,167	McLennan	535
Hidalgo	1,053	Galveston	535
Denton	782	Bell	509
Collin	744	Grayson	482
Cameron	723	Ellis	476

## Fire Cause in Outside and Other Fires

The following table shows the number of outside and other fires by identified cause.

Fire Cause	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Loss
Appliances, air conditioning	112	2	0	2	0	\$122,846
Children playing	284	0	0	1	0	\$16,191
Cooking	122	1	0	0	1	\$390,536
Electrical distribution	323	0	0	0	0	\$494,550
Exposure	716	3	0	2	1	\$242,968
Heating	44	0	0	1	0	\$74,105
Incendiary/suspicious	4,901	7	0	4	0	\$2,044,047
Natural	1,433	2	0	4	0	\$2,632,466
Open flame, ember, torch	2,905	3	0	7	0	\$402,454
Other equipment	171	10	0	4	0	\$1,949,371
Other heat, flame, spark	1,529	4	0	3	0	\$178,139
Smoking	1,032	2	0	6	0	\$113,603
Unknown	28,894	20	1	22	1	\$5,194,809
<b>Totals</b>	<b>42,466</b>	<b>54</b>	<b>1</b>	<b>56</b>	<b>3</b>	<b>\$13,856,085</b>

### Most Frequently Identified Causes of Outside and Other Fires



**12%** of outside and other fires was identified as **incendiary/suspicious** and included more than **15%** of the total dollar loss in all outside and other fires.

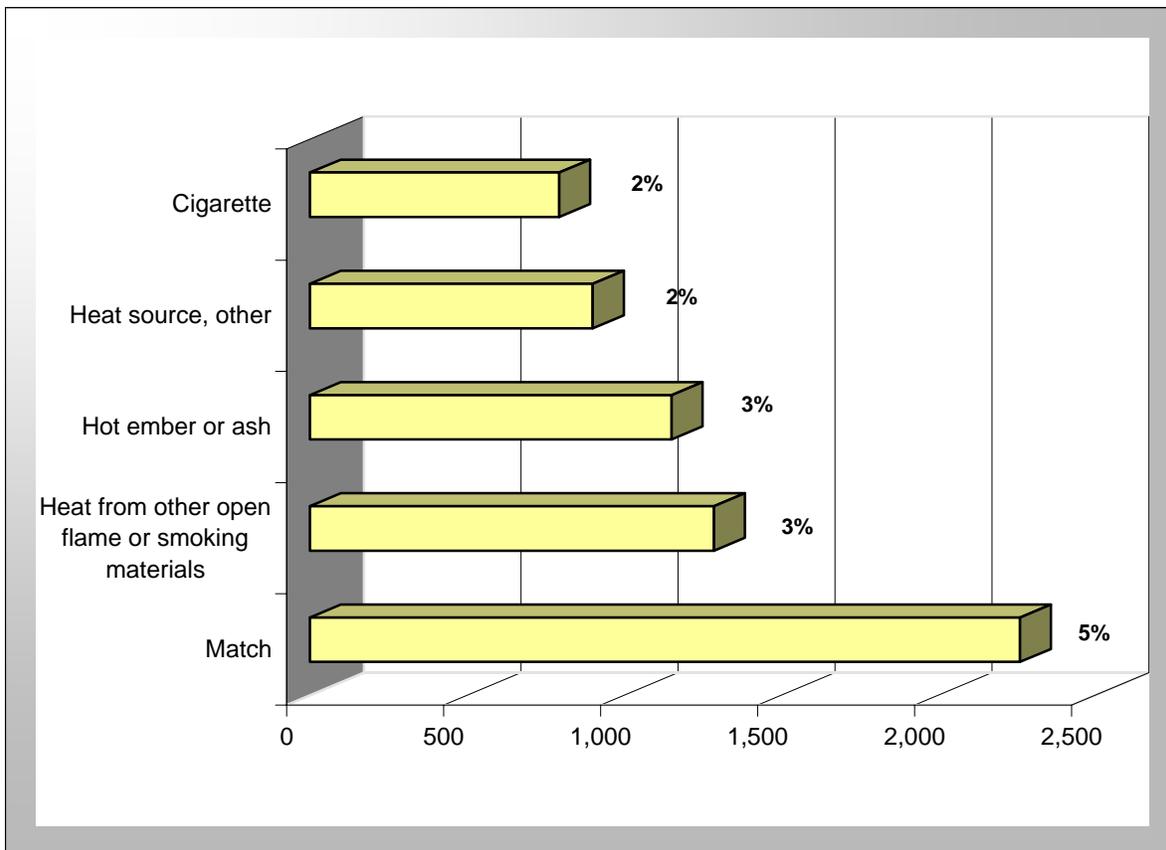
## Heat Source in Outside and Other Fires

The table below shows the most frequently reported form of heat of ignition in outside and other fires.

Heat Source	Total Fires
Undetermined	30,682
Match	2,262
Heat from other open flame or smoking materials	1,287
Hot ember or ash	1,152
Heat source, other	901
Cigarette	794

Heat source was reported as undetermined in **72%** of all outside and other fires.

### Heat Source Identified in Outside Fires



**Matches** were involved in the largest percentage (**5%**) of outside fires where a heat source was identified.



# Vehicle Fires

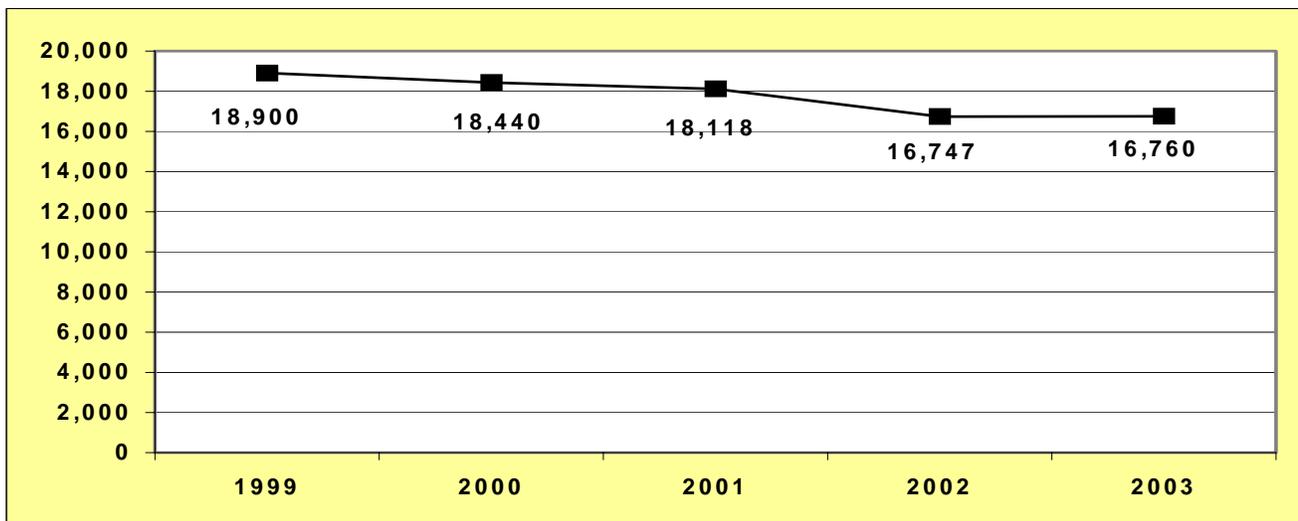
Fire departments reported 16,760 vehicle fires during this period. These fires caused an estimated \$68,750,239 in property damage, 40 fire-related civilian fatalities, 69 fire-related civilian injuries and 17 fire service injuries. Fire service injuries include all injuries resulting from duty-related activity.

There were more fires in passenger or road transport vehicles than in any other type of vehicle. The following table shows the percentage of fires in different types of vehicles.

## Fires by Mobile Property Type

Mobile Property Type	% of Fires
Passenger or road transport vehicles	82.8%
Freight road vehicles	8.3%
Unknown	6.3%
Industrial, agricultural, construction vehicles	1.5%
Water vessels	0.4%
Transport vehicles	0.3%
Mobile property, miscellaneous	0.3%
Aircraft	0.1%

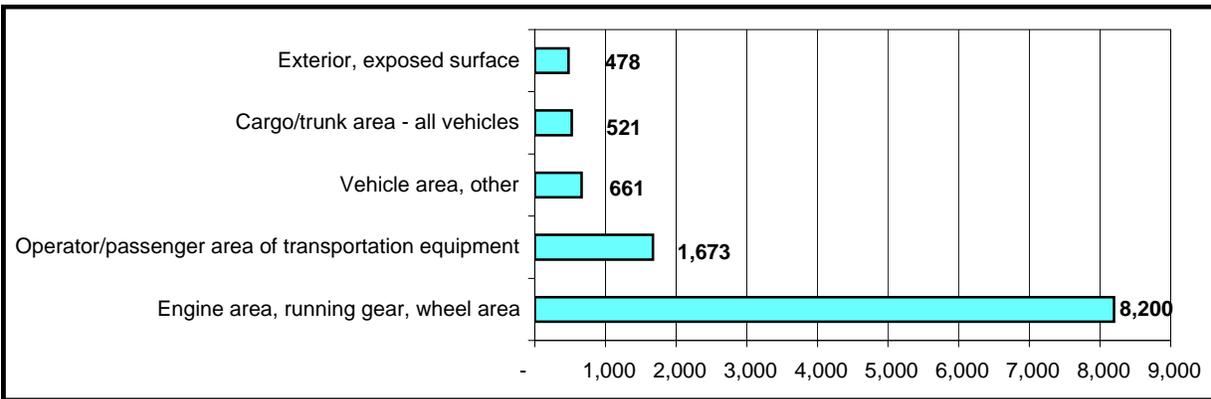
## Total Vehicle Fires 1999-2003



## Area of Origin in Vehicle Fires

The table below shows the most frequently reported area of origin in vehicle fires.

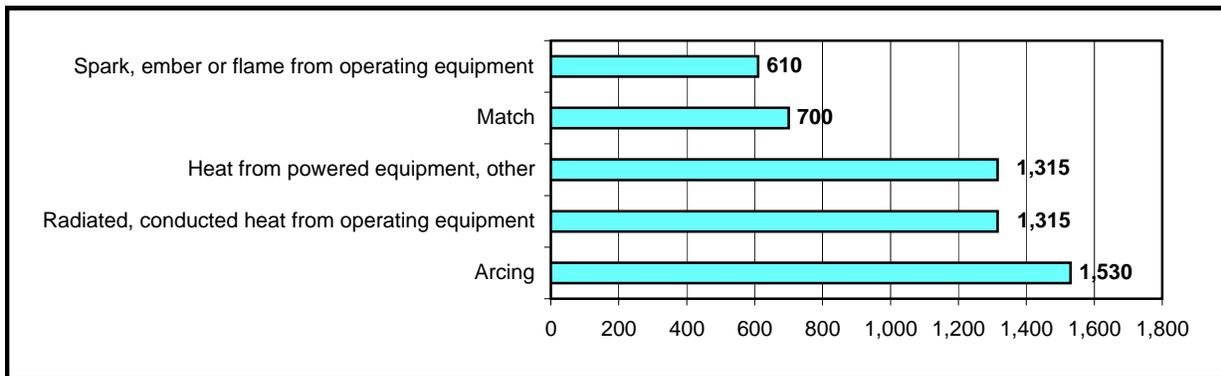
Area of Origin	Total
Engine area, running gear, wheel area	8,200
Undetermined	4,047
Operator/passenger area of transportation equipment	1,673
Vehicle area, other	661
Cargo/trunk area - all vehicles	521
Exterior, exposed surface	478



## Heat Source in Vehicle Fires

The table below shows the most frequently reported heat source in vehicle fires.

Heat Source	Total
Undetermined	7,966
Arcing	1,530
Radiated, conducted heat from operating equipment	1,315
Heat from powered equipment, other	1,315
Match	700
Spark, ember or flame from operating equipment	610





# Structure Fires

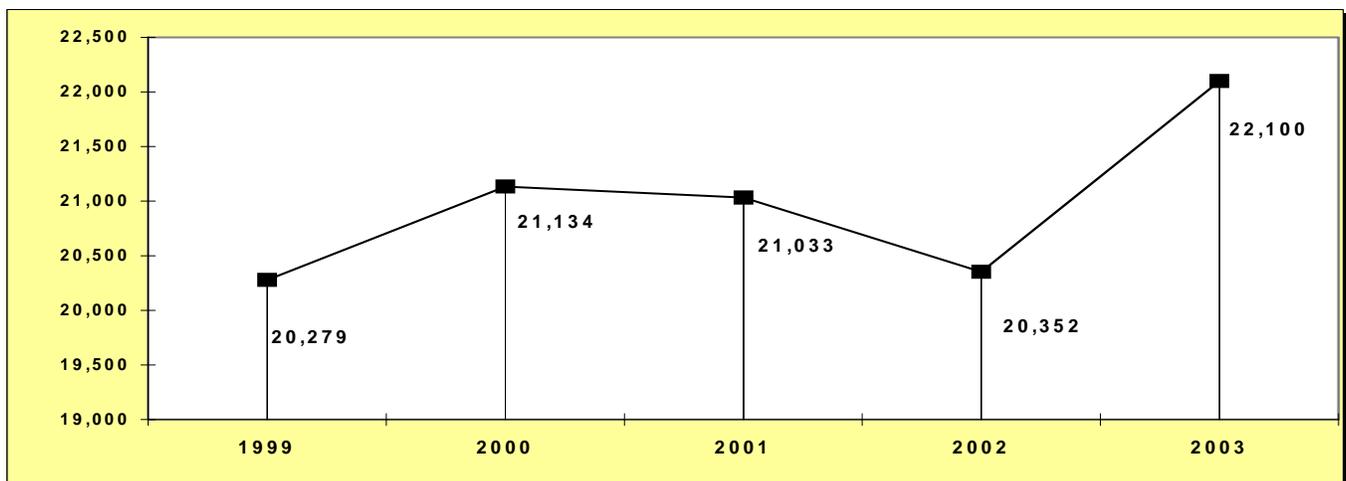
In 2003, there were 22,100 structure fires reported throughout the state. These fires resulted in 743 civilian injuries, 137 civilian deaths, 392 fire fighter injuries and an estimated \$300,218,708 in property loss.

## Total Fires, Casualties and Dollar Loss by Structure Type

Structure Type	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Dollar Loss
Residential	17,072	320	0	674	126	\$213,561,192
Mercantile, business	1,142	20	0	14	2	\$27,219,450
Storage	1,066	16	0	12	4	\$17,853,430
Outside or special property	723	0	0	4	0	\$1,478,747
Assembly	722	23	0	9	1	\$16,559,617
Other	451	4	0	0	1	\$2,739,452
Educational	364	1	0	2	0	\$5,693,783
Manufacturing, processing	271	8	0	11	1	\$9,946,279
Health care, detention & correction	215	0	0	15	2	\$4,912,043
Industrial, utility, defense, agriculture, mining	74	0	0	2	0	\$254,715
<b>Totals</b>	<b>22,100</b>	<b>392</b>	<b>0</b>	<b>743</b>	<b>137</b>	<b>\$300,218,708</b>

77% of all structure fires occurred in residential properties.

## Total Structure Fires 1999-2003



## Total Structure Fires by Fire Cause

The table below shows the number of structure fires by cause identified.

<b>Fire Cause</b>	<b>Total Fires</b>	<b>FS Injuries</b>	<b>FS Deaths</b>	<b>Civilian Injuries</b>	<b>Civilian Deaths</b>	<b>Dollar Loss</b>
Appliances, air conditioning	912	5	0	23	2	\$7,143,980
Children playing	290	8	0	36	1	\$4,032,183
Cooking	3,944	11	0	134	3	\$10,043,941
Electrical distribution	1,150	18	0	19	3	\$19,279,298
Exposure	563	1	0	7	0	\$6,210,836
Heating	1,223	20	0	29	5	\$9,832,067
Incendiary/suspicious	2,518	55	0	70	21	\$49,851,388
Natural	510	12	0	9	0	\$10,781,412
Open flame, ember, torch	1,478	24	0	83	4	\$22,907,576
Other equipment	324	7	0	5	0	\$6,216,276
Other heat, flame, spark	804	10	0	33	6	\$11,354,803
Smoking	627	7	0	51	7	\$6,046,137
Unknown	7,757	214	0	244	85	\$136,518,811
<b>Totals</b>	<b>22,100</b>	<b>392</b>	<b>0</b>	<b>743</b>	<b>137</b>	<b>\$300,218,708</b>

### Counties with the Greatest Number of Structure Fires

<b>County</b>	<b>Total</b>	<b>County</b>	<b>Total</b>
Dallas	3,488	Galveston	391
Harris	2,784	Potter	391
Tarrant	1,812	Travis	374
Bexar	1,193	Montgomery	325
Jefferson	509	McLennan	309
El Paso	500	Cameron	305
Bell	460	Denton	293
Nueces	458	Fort Bend	276
Hidalgo	441	Ector	272
Collin	413	Gregg	266

## Fire Cause in Structure Fires by General Structure Type

The tables below show the fire cause identified in fires by general type of structure.

Fire Cause	Unclassified	Assembly	Educational	Health Care, Detention & Correction	Industrial, Utility, Defense, Agriculture, Mining
Appliances, air conditioning	6	32	20	24	1
Children playing	1	2	8	1	0
Cooking	31	192	23	51	1
Electrical distribution	15	63	14	10	5
Exposure	19	9	2	1	2
Heating	13	35	7	14	6
Incendiary/suspicious	83	105	148	18	8
Natural	6	16	7	5	4
Open flame, ember, torch	24	24	22	4	3
Other equipment	3	11	5	10	3
Other heat, flame, spark	13	14	10	5	5
Smoking	7	10	2	11	2
Unknown	230	209	96	61	34
<b>Total</b>	<b>451</b>	<b>722</b>	<b>364</b>	<b>215</b>	<b>74</b>

Fire Cause	Manufacturing, Processing	Mercantile, Business	Outside or Special Property	Residential	Storage
Appliances, air conditioning	17	93	3	699	17
Children playing	0	4	3	262	9
Cooking	8	78	18	3,534	8
Electrical distribution	8	118	5	872	40
Exposure	2	41	23	367	97
Heating	18	38	5	1,069	18
Incendiary/suspicious	17	164	117	1,696	162
Natural	19	24	14	366	49
Open flame, ember, torch	22	70	22	1,217	70
Other equipment	39	39	18	165	31
Other heat, flame, spark	15	39	24	611	68
Smoking	2	32	6	530	25
Unknown	104	402	465	5,684	472
<b>Total</b>	<b>271</b>	<b>1,142</b>	<b>723</b>	<b>17,072</b>	<b>1,066</b>

**Cooking** was identified as the leading known fire cause (**18%**) in all structure fires.

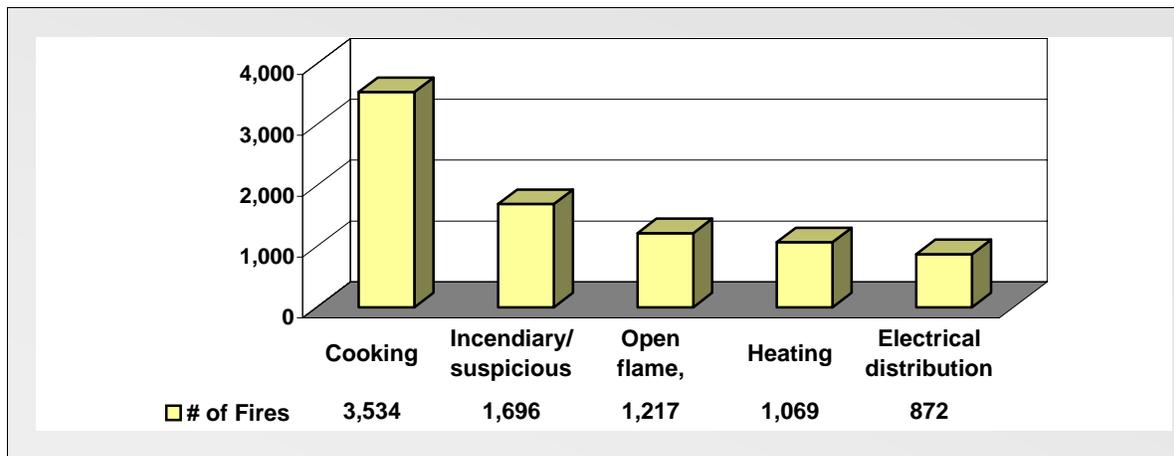
**Incendiary/suspicious** was the second most identified fire cause (**11%**) in all structure fires.

## Fire Cause in Residential Structure Fires

The table below shows the number of fires in residential structures by fire cause and their associated casualties and dollar loss.

Fire Cause	Total Fires	Civilian Deaths	Civilian Injuries	Dollar Loss
Appliances, air conditioning	699	2	21	\$5,924,435
Children playing	262	1	36	\$3,923,563
Cooking	3,534	3	122	\$8,636,090
Electrical distribution	872	3	19	\$12,675,948
Exposure	367	0	5	\$4,037,533
Heating	1,069	5	25	\$8,996,712
Incendiary/suspicious	1,696	17	63	\$30,177,714
Natural	366	0	8	\$8,955,612
Open flame, ember, torch	1,217	3	74	\$18,714,795
Other equipment	165	0	1	\$3,029,570
Other heat, flame, spark	611	6	28	\$8,808,977
Smoking	530	7	45	\$4,435,732
Unknown	5,684	79	227	\$95,244,511
<b>Totals</b>	<b>17,072</b>	<b>126</b>	<b>674</b>	<b>\$213,561,192</b>

### Most Frequently Identified Fire Cause in Residential Structure Fires



**Cooking** was the most frequently identified cause (21%) in residential structure fires and involved 18% of all civilian injuries in residential structure fires.

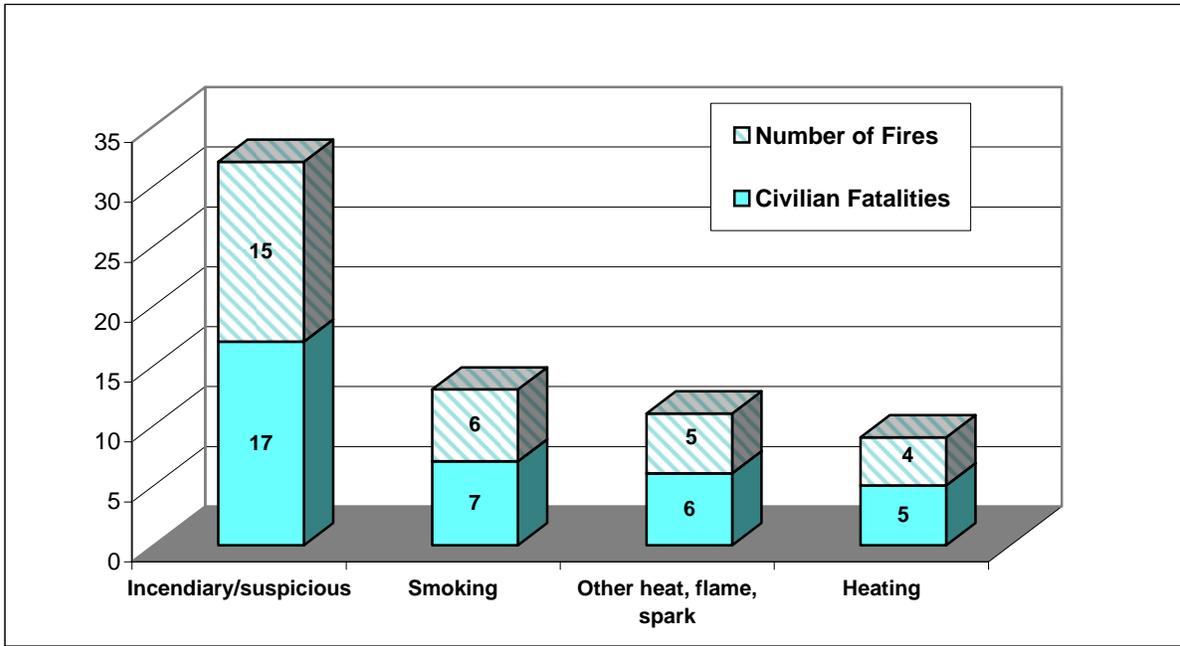
**Incendiary/suspicious** was the second most identified cause (10%) in structure fires and involved 13% of all civilian deaths occurring in residential structure fires.

## Fire Cause in Fatal Residential Structure Fires

The table below shows the cause identified in residential structure fires where a civilian fatality was involved.

Fire Cause	Fatal Fires	Civilian Deaths
Appliances, air conditioning	2	2
Children playing	1	1
Cooking	3	3
Electrical distribution	3	3
Heating	4	5
Incendiary/suspicious	15	17
Open flame, ember, torch	3	3
Other heat, flame, spark	5	6
Smoking	6	7
Unknown	62	79
<b>Totals</b>	<b>104</b>	<b>126</b>

**Most Frequently Identified Fire Cause  
in Residential Structure Fires Involving Civilian Fatalities**



**Incendiary/suspicious** was the most frequently identified cause (**14%**) in fatal residential structure fires and involved **12%** of all structure fire civilian fatalities.

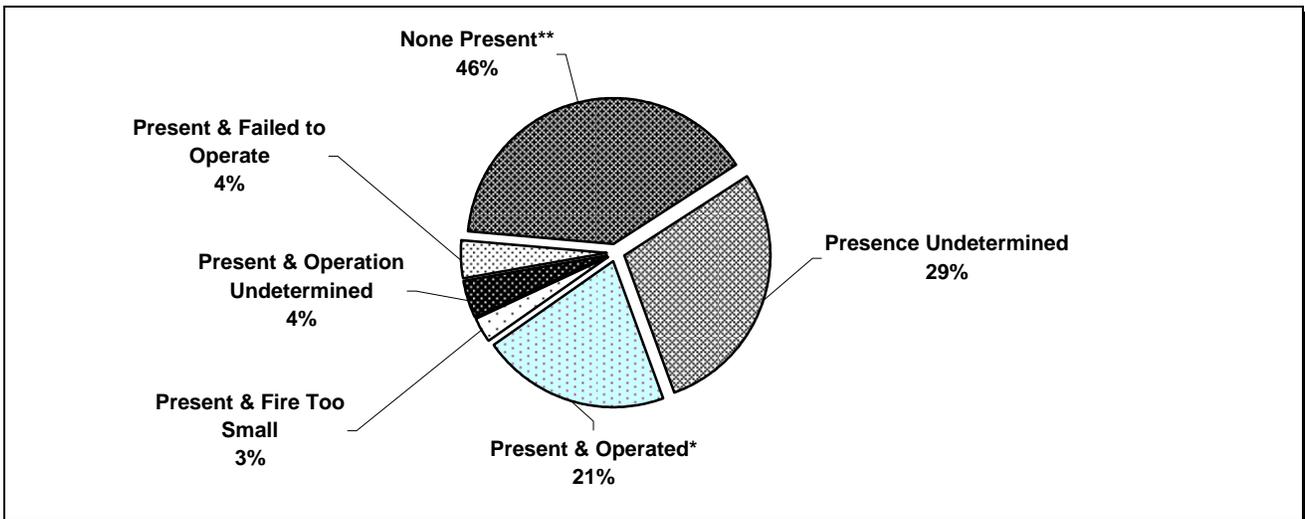
## Detectors in Residential Structures

	Residential Structure Fires		Fatal Residential Structure Fires	
Present & Operated*	3,545	21%	10	10%
Present & Fire Too Small	471	3%	0	0%
Present & Operation Undetermined	708	4%	8	8%
Present & Failed to Operate	726	4%	4	4%
None Present**	6,730	46%	47	44%
Presence Undetermined	4,892	29%	35	34%
<b>Total</b>	<b>17,072</b>		<b>104</b>	

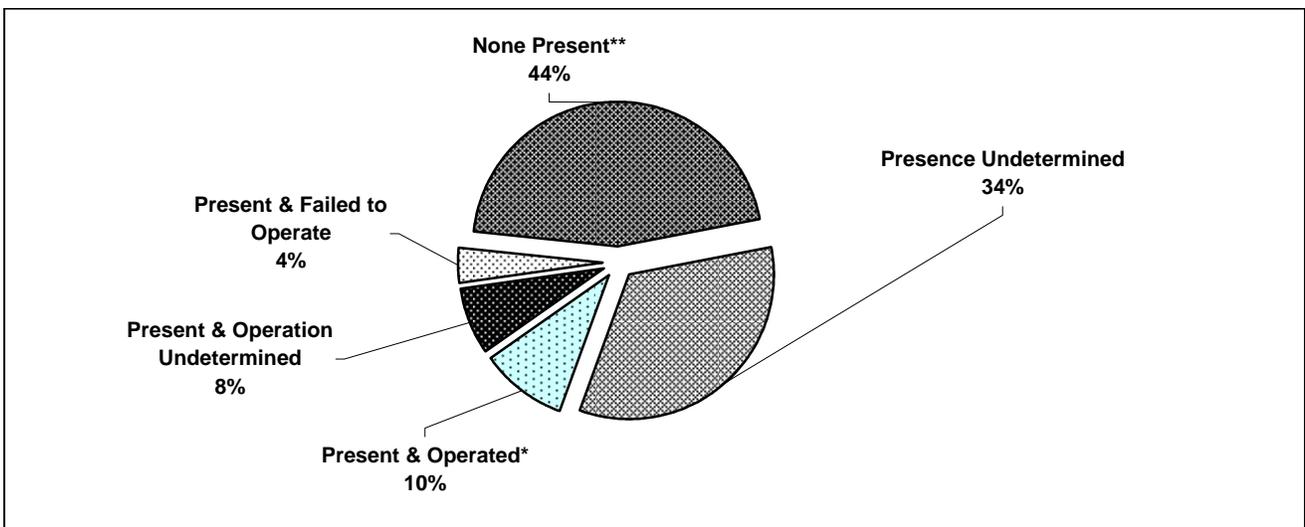
\* Includes fire incidents where detectors are "Not in Room or Space of Origin" but **did** operate.

\*\* Includes fire incidents where the detectors are present **outside** the "Area of Fire Origin" and **did not** operate.

### Residential Structure Fires



### Fatal Residential Structure Fires

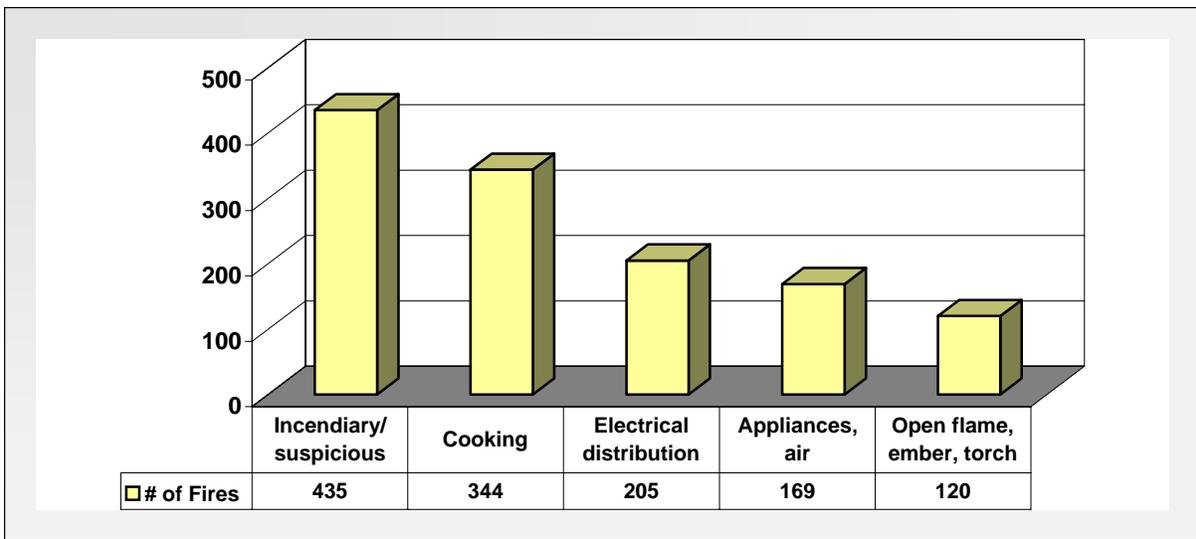


## Fire Cause in Public, Mercantile Structure Fires

The table below shows the number of fires in public, mercantile structures by identified cause and their associated casualties and dollar loss.

<b>Fire Cause</b>	<b>Total Fires</b>	<b>Civilian Deaths</b>	<b>Civilian Injuries</b>	<b>Dollar Loss</b>	<b>Assembly</b>	<b>Educational</b>	<b>Health Care, Detention &amp; Correction</b>	<b>Mercantile, Business</b>
Appliances, air conditioning	169	0	1	\$524,545	32	20	24	93
Children playing	15	0	0	\$88,450	2	8	1	4
Cooking	344	0	12	\$1,354,829	192	23	51	78
Electrical distribution	205	0	0	\$2,545,945	63	14	10	118
Exposure	53	0	0	\$1,743,703	9	2	1	41
Heating	94	0	4	\$484,780	35	7	14	38
Incendiary/ suspicious	435	4	6	\$15,114,530	105	148	18	164
Natural	52	0	0	\$1,273,275	16	7	5	24
Open flame, ember, torch	120	0	4	\$3,419,245	24	22	4	70
Other equipment	65	0	1	\$504,601	11	5	10	39
Other heat, flame, spark	68	0	2	\$615,455	14	10	5	39
Smoking	55	0	5	\$1,215,455	10	2	11	32
Unknown	768	1	5	\$25,500,080	209	96	61	402
<b>Totals</b>	<b>2,443</b>	<b>5</b>	<b>40</b>	<b>\$54,384,893</b>	<b>722</b>	<b>364</b>	<b>215</b>	<b>1,142</b>

### Most Frequently Identified Fire Cause in Public, Mercantile Structure Fires



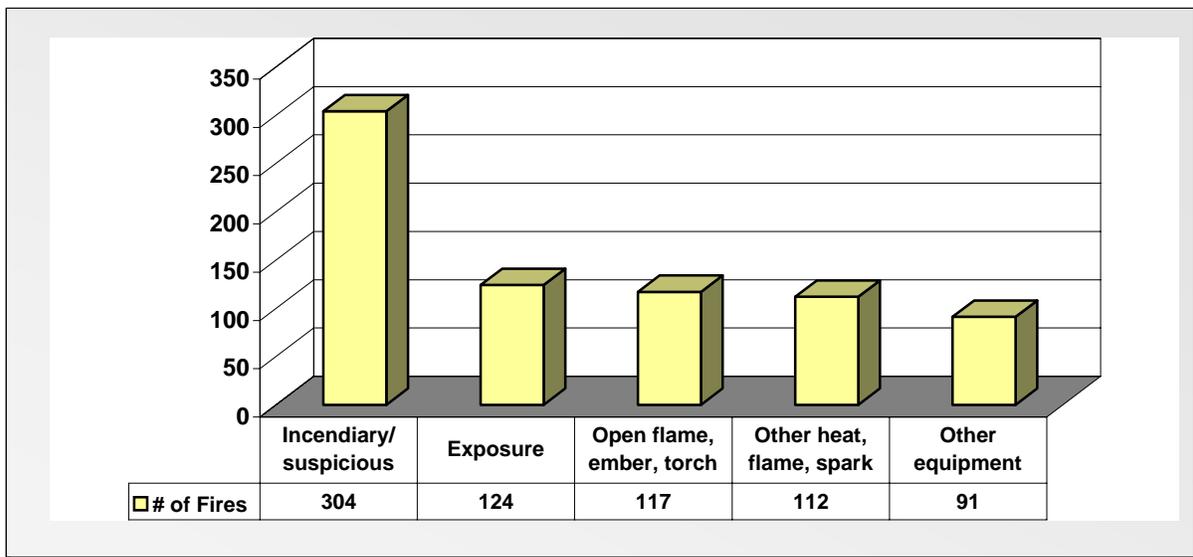
The most frequently identified cause was **incendiary/suspicious (18%)**.

## Fire Cause in Industrial Structure Fires

The following table shows the number of fires in industrial structures by fire cause, with associated casualties and dollar loss.

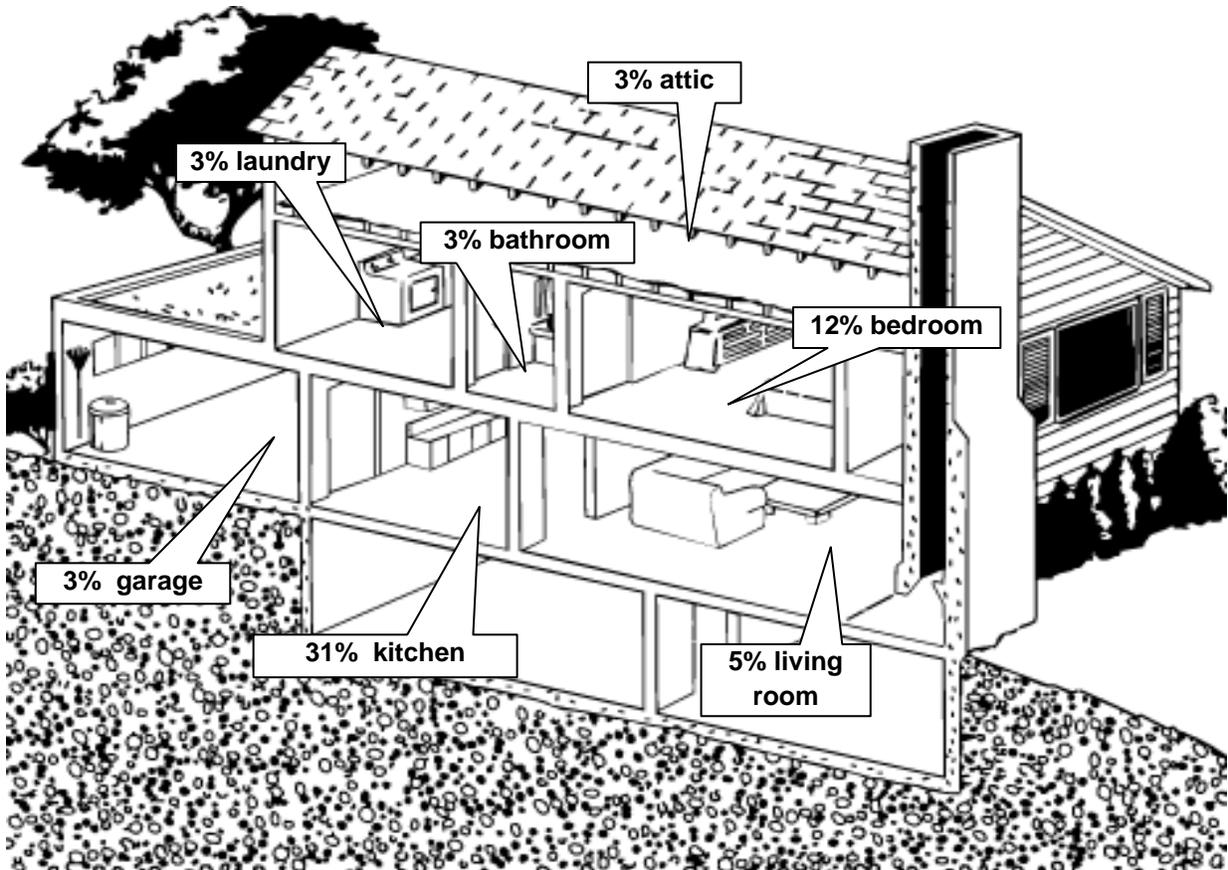
Fire Cause	Total Fires	Civilian Deaths	Civilian Injuries	Dollar Loss	Industrial, Utility, Defense, Agriculture, Mining	Manufacturing, Processing	Outside or Special Property	Storage
Appliances, air conditioning	38	0	1	\$621,000	1	17	3	17
Children playing	12	0	0	\$19,170	0	0	3	9
Cooking	35	0	0	\$47,395	1	8	18	8
Electrical distribution	58	0	0	\$3,961,005	5	8	5	40
Exposure	124	0	2	\$407,150	2	2	23	97
Heating	47	0	0	\$317,775	6	18	5	18
Incendiary/suspicious	304	0	1	\$3,390,975	8	17	117	162
Natural	86	0	1	\$546,325	4	19	14	49
Open flame, ember, torch	117	1	5	\$549,985	3	22	22	70
Other equipment	91	0	3	\$2,405,105	3	39	18	31
Other heat, flame, spark	112	0	3	\$1,730,120	5	15	24	68
Smoking	35	0	1	\$238,450	2	2	6	25
Unknown	1075	4	12	\$15,298,716	34	104	465	472
<b>Totals</b>	<b>2,134</b>	<b>5</b>	<b>29</b>	<b>\$29,533,171</b>	<b>74</b>	<b>271</b>	<b>723</b>	<b>1,066</b>

### Most Frequently Identified Fire Cause in Industrial Structure Fires



The most frequently identified cause was **incendiary/suspicious (14%)**.

## Area of Origin in Residential Structure Fires



### Most Frequently Identified Area of Origin in Residential Structure Fires

The following table shows the number of residential structure fires by most frequently identified area of origin and the corresponding percentage of all residential structure fires.

Area of Origin	# of Fires	% of Fires
Cooking area, kitchen	5,279	31
prison	2,086	12
Undetermined	1,824	11
Common room, den, family room, living room, lounge	855	5
Vehicle storage area; garage, carport	584	3
Attic: vacant, crawl space above top story, cupola	581	3
Laundry area, wash house	568	3
Bathroom, checkroom, lavatory, locker room	544	3
All Other	4,751	29
	<b>17,072</b>	<b>100</b>

## Area of Origin in Assembly Structure Fires

### Most Frequently Identified Area of Origin in Assembly Structure Fires

The table below shows the number of assembly structure fires by most frequently identified area of origin and the corresponding percentage of all assembly structure fires.

Area of Origin	# of Fires	% of Fires
Cooking area, kitchen	250	35
Undetermined	77	11
Bathroom, checkroom, lavatory, locker room	34	5
Roof surface: exterior	32	4
Wall surface: exterior	28	4
Attic: vacant, crawl space above top story, cupola	18	2
Heating room or area, water heater area	18	2
All Other	265	37
	<b>722</b>	<b>100</b>

## Area of Origin in Educational Structure Fires

### Most Frequently Identified Area of Origin in Educational Structure Fires

The table below shows the number of educational structure fires by most frequently identified area of origin and the corresponding percentage of all educational structure fires.

Area of Origin	# of Fires	% of Fires
Bathroom, checkroom, lavatory, locker room	84	23
Undetermined	47	13
Cooking area, kitchen	29	8
Assembly area - less than 100 persons	29	8
Corridor, mall	23	6
Attic: vacant, crawl space above top story, cupola	11	3
Roof surface, exterior	8	2
All Other	133	37
	<b>364</b>	<b>100</b>

## Area of Origin in Mercantile, Business Structure Fires

### Fires

The table below shows the number of mercantile, business structure fires by most frequently identified area of origin and the corresponding percentage of all mercantile, business structure fires.

Area of Origin	# of Fires	% of Fires
Undetermined	128	11
Cooking area, kitchen	101	9
Office	71	6
Roof surface: exterior	56	5
Sales area, showroom (exclude display window)	52	5
Wall surface: exterior	51	4
Laundry area, wash house	46	4
Bathroom, checkroom, lavatory, locker room	44	4
All Other	593	52
	<b>1,142</b>	<b>100</b>



## Incendiary/Suspicious Fires

During 2003, there were 9,685 fires determined to be incendiary/suspicious. These fires accounted for 12% of all reported fires, 11% of all fire-related injuries, 13% of all fire-related deaths and 19% of all fire-related dollar loss.

An incendiary fire is a fire that was determined to have been deliberately set to destroy property.

A suspicious fire is a fire that was suspected of having been deliberately or maliciously set to destroy property.

An unknown fire is a fire for which the cause was undetermined. In many cases, fires of unknown cause are later determined to have been incendiary or suspicious.

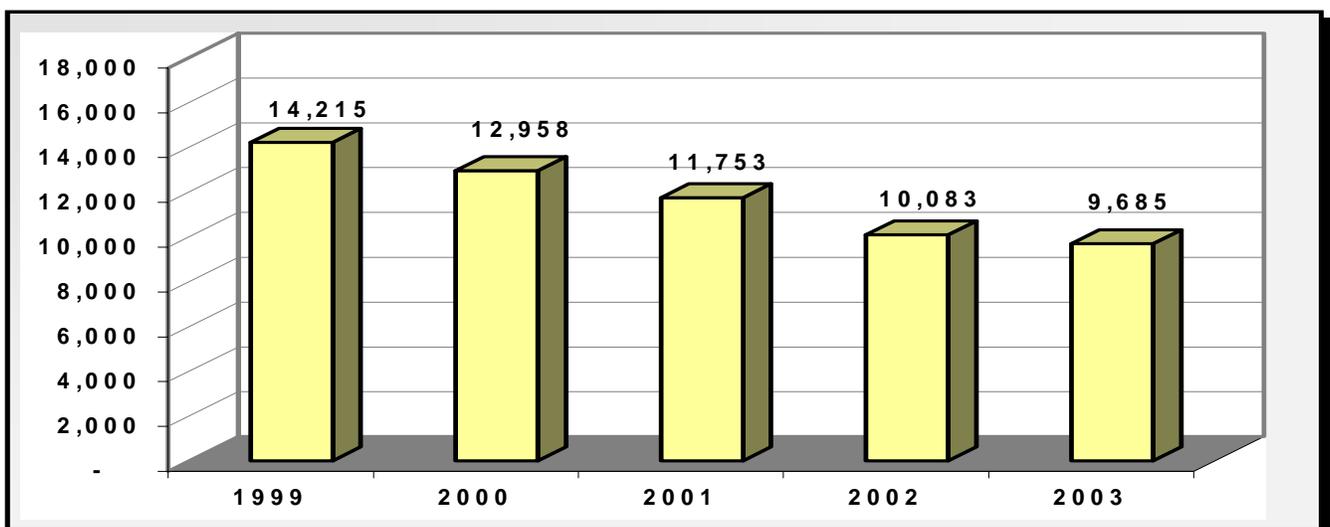
In this report, a fire set by a property owner to destroy or incinerate trash, grass, brush, or other property without value is not classified as incendiary or suspicious unless the fire was set with malicious intent.

**Note:** Primary fires sometimes spread to other properties, resulting in "exposure fires." Fire loss data for exposure fires are not included in this section of the report. Therefore, total fire losses that might be attributed to specific fire causes may be greater than indicated.

### Incendiary/Suspicious Fires

Year	Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
1999	14,215	\$80,713,381	101	73	25	2
2000	12,958	\$72,055,918	69	100	32	0
2001	11,753	\$86,042,069	79	62	18	0
2002	10,083	\$76,825,633	92	76	26	0
2003	9,685	\$72,915,100	79	64	23	0

### Incendiary/Suspicious Fires 1999-2003

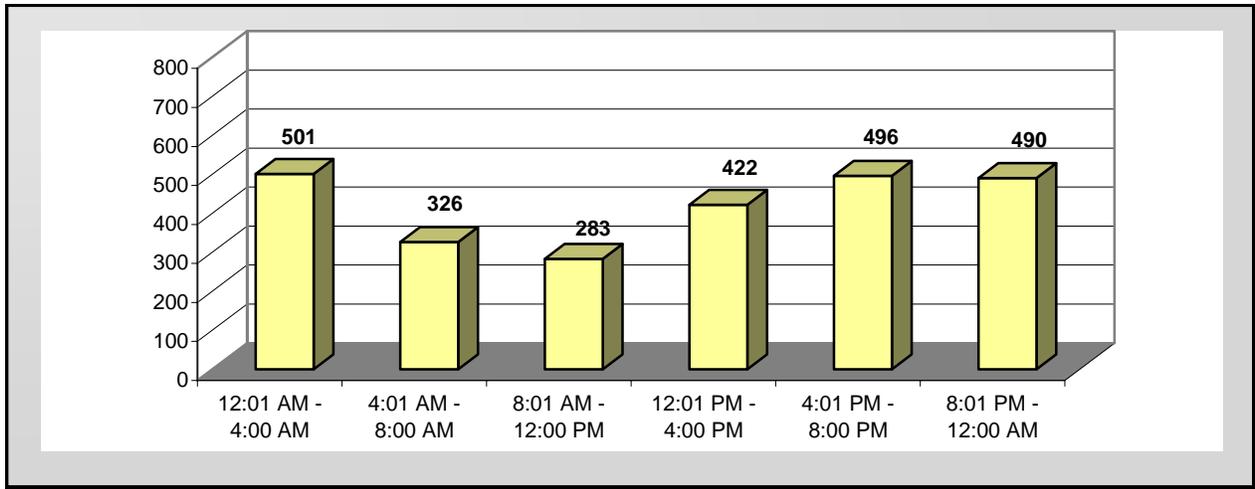


## Incendiary/Suspicious Structure Fires

The following table shows the number of structure fires identified as incendiary/suspicious by time of alarm, with associated casualties and dollar loss.

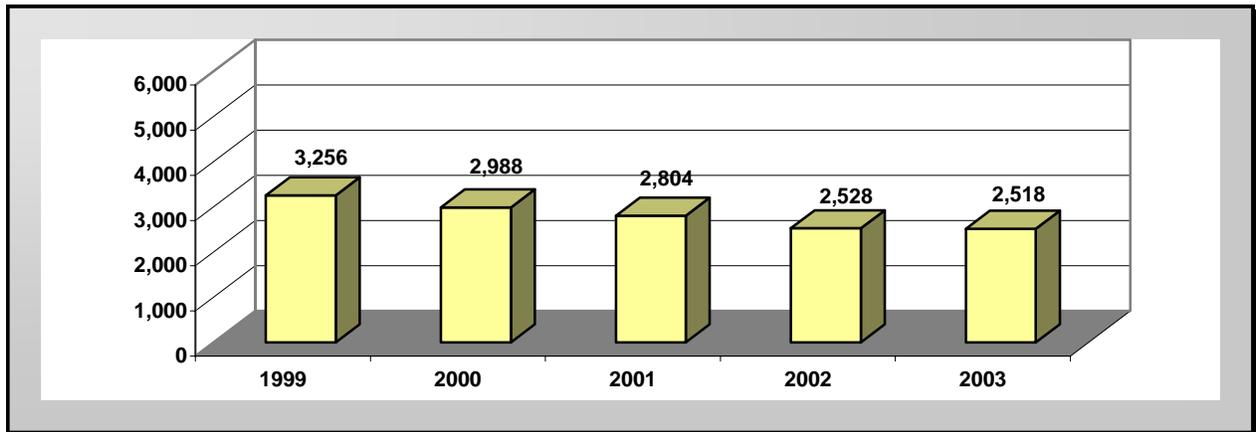
Alarm Time Interval	Total Fires	Percentage	Dollar Loss	Percentage	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
12:01 AM - 4:00 AM	501	19.9%	\$15,283,440	30.7%	16	20	6	0
4:01 AM - 8:00 AM	326	12.9%	\$7,518,491	15.1%	5	10	5	0
8:01 AM - 12:00 PM	283	11.2%	\$2,982,618	6.0%	18	6	1	0
12:01 PM - 4:00 PM	422	16.8%	\$7,873,583	15.8%	4	6	1	0
4:01 PM - 8:00 PM	496	19.7%	\$5,249,820	10.5%	15	4	5	0
8:01 PM - 12:00 AM	490	19.5%	\$10,943,436	22.0%	12	9	3	0
<b>Totals</b>	<b>2,518</b>	<b>100.0%</b>	<b>\$49,851,388</b>	<b>100.0%</b>	<b>70</b>	<b>55</b>	<b>21</b>	<b>0</b>

**Alarm Time Intervals for Incendiary/Suspicious Structure Fires**



Most structure fires identified as incendiary/suspicious (**20%**) occurred between the hours of **midnight and 4:00 AM**.

**Incendiary/Suspicious Structure Fires 1999-2003**

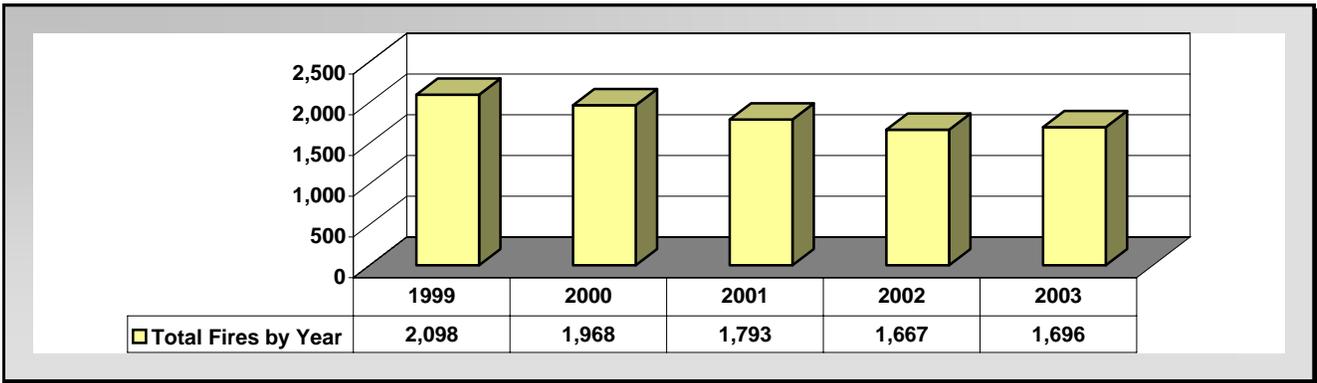


There was a **.4%** decrease in the number of **incendiary/suspicious** structure fires reported for the year.

**11%** of all structure fires in year 2003 were identified as **incendiary/suspicious**.

### Incendiary/Suspicious Residential Structure Fires

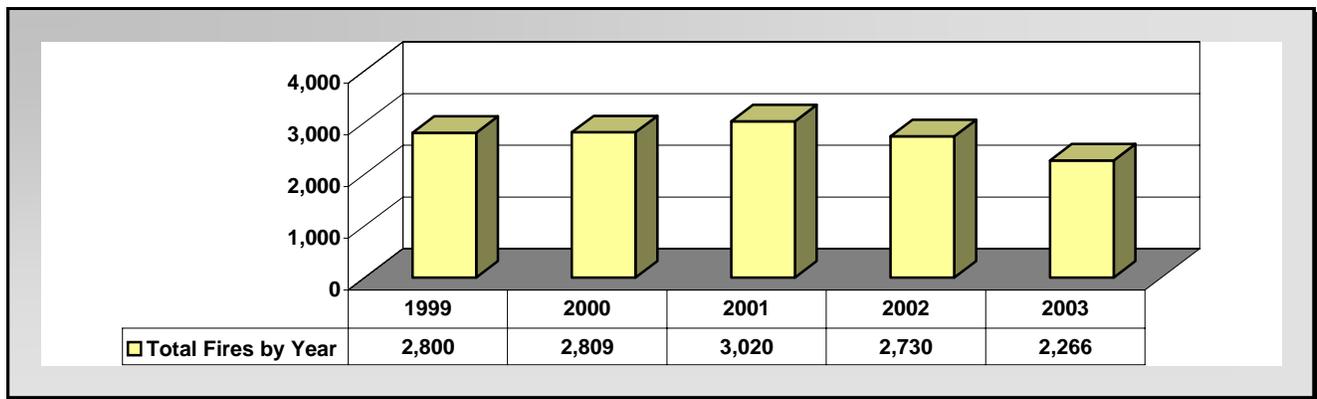
<b>Total Fires</b>	<b>Dollar Loss</b>	<b>Civilian Injuries</b>	<b>FF Injuries</b>	<b>Civilian Deaths</b>	<b>FF Deaths</b>
1,696	\$30,177,714	63	43	17	0



10% of all residential structure fires were identified as incendiary/suspicious.

### Incendiary/Suspicious Vehicle Fires

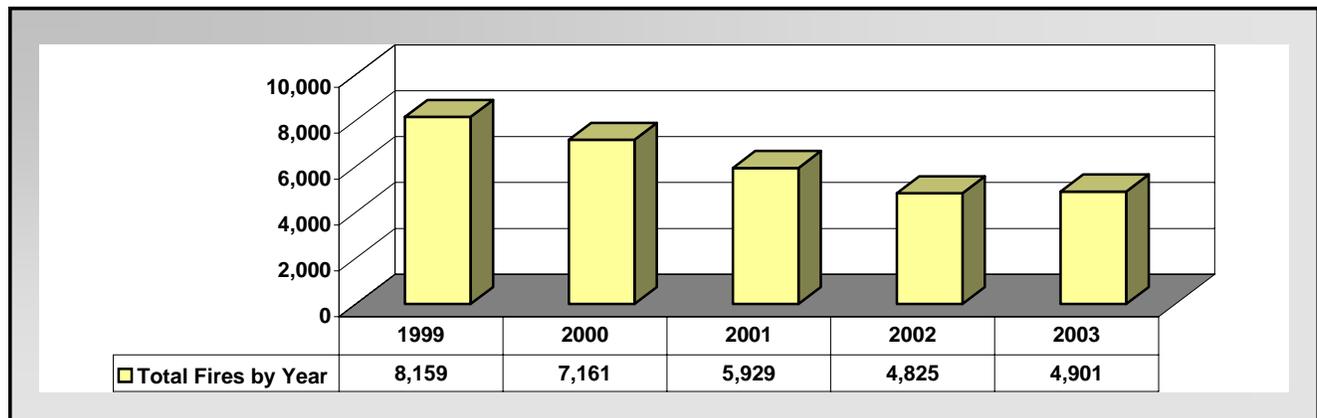
<b>Total Fires</b>	<b>Dollar Loss</b>	<b>Civilian Injuries</b>	<b>FF Injuries</b>	<b>Civilian Deaths</b>	<b>FF Deaths</b>
2,266	\$21,019,665	5	2	2	0



14% of all vehicle fires were identified as incendiary/suspicious.

### Incendiary/Suspicious Outside and Other Fires

<b>Total Fires</b>	<b>Dollar Loss</b>	<b>Civilian Injuries</b>	<b>FF Injuries</b>	<b>Civilian Deaths</b>	<b>FF Deaths</b>
4,901	\$2,044,047	4	7	0	0



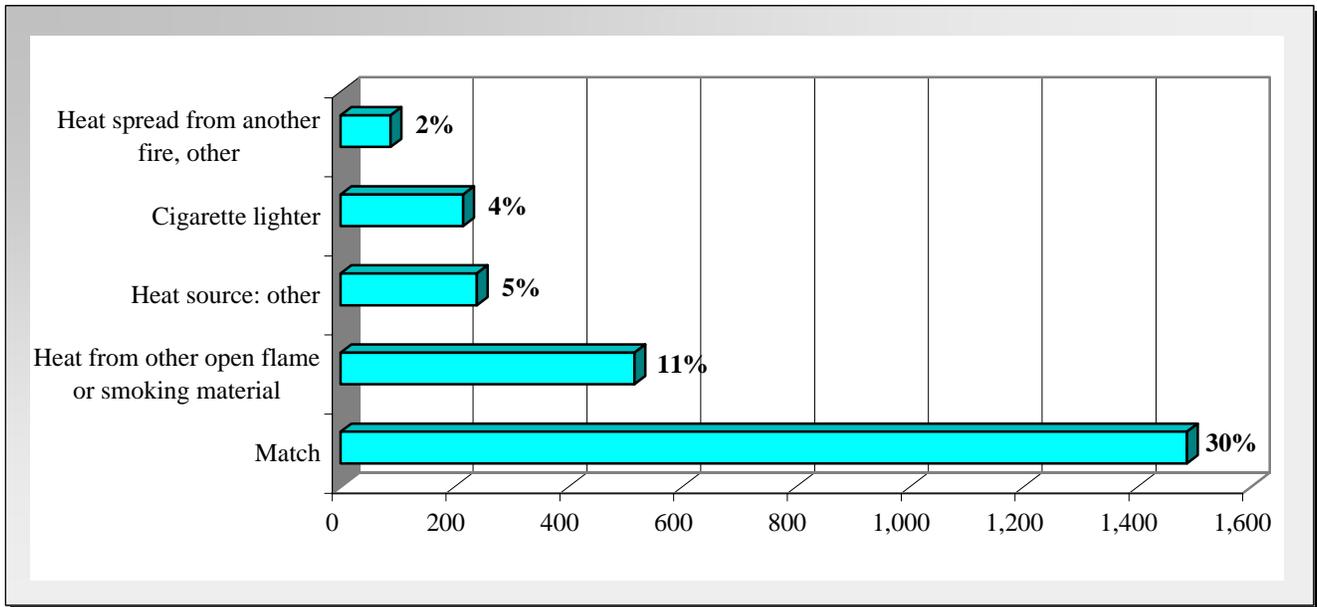
12% of all outside and other fires were identified as incendiary/suspicious.

## Heat Source in Incendiary/Suspicious Outside and Other Fires

The table below shows the number of incendiary/suspicious outside and other fires by heat source.

Heat Source	Total Fires
Undetermined	1,709
Match	1,488
Heat from other open flame or smoking material	517
Heat source: other	240
Cigarette lighter	216
Heat spread from another fire, other	88

Heat source was reported as **undetermined** in **35%** of all **incendiary/suspicious outside and other fires**.



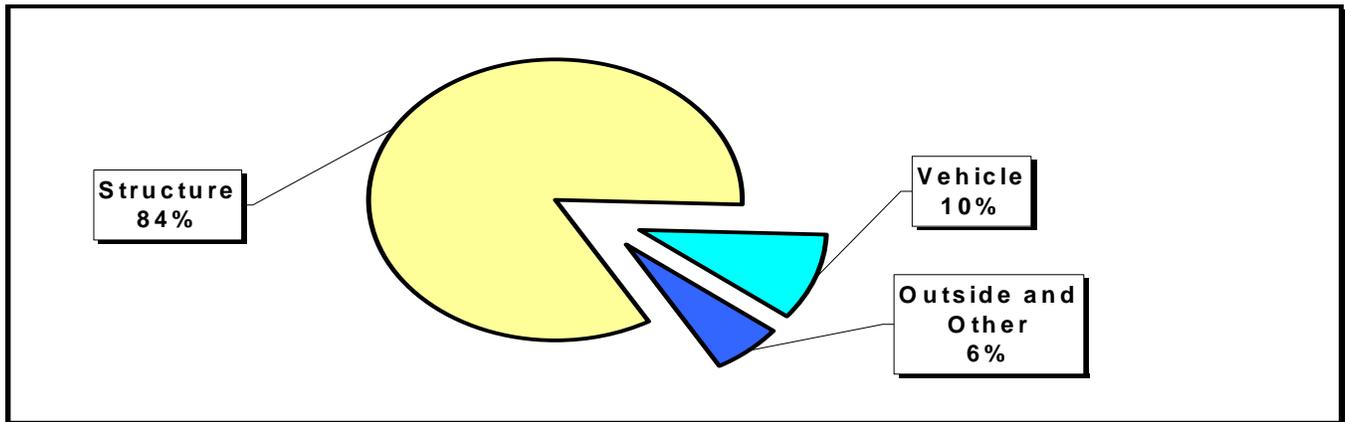
Matches continue to be the most frequently identified heat source in **incendiary/suspicious outside and other fires**.



# Casualties

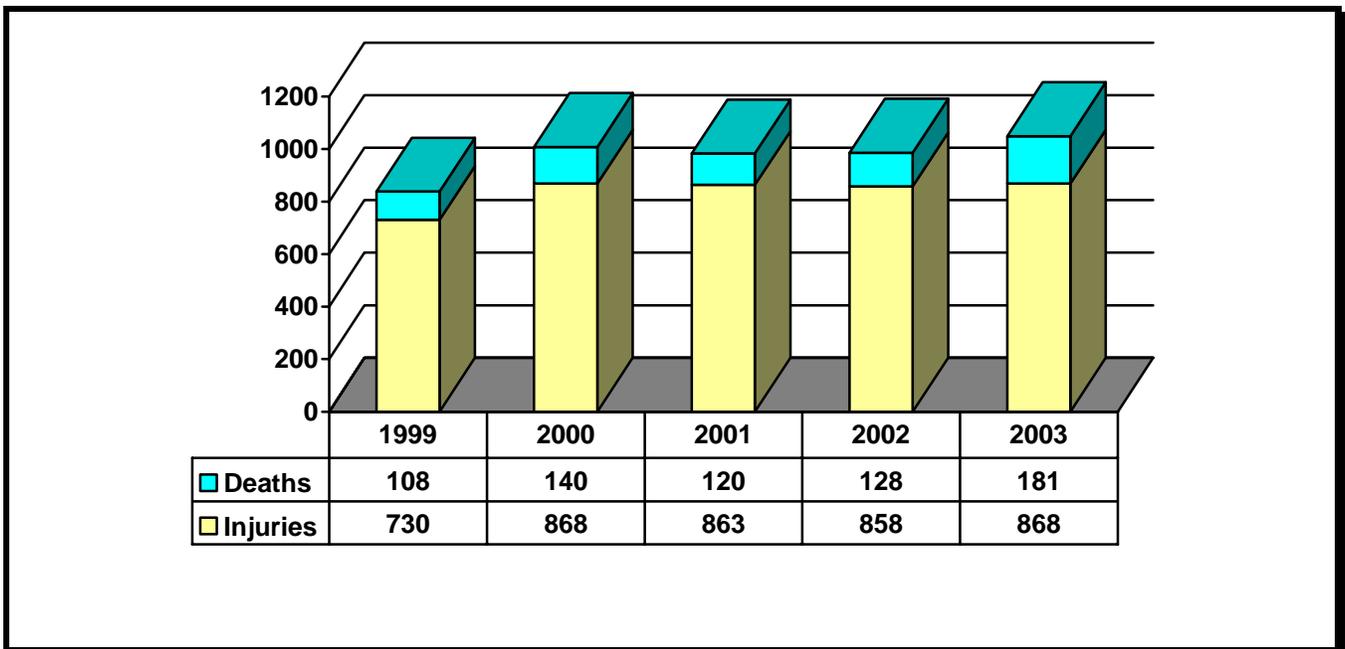
During year 2003, fire departments reported 180 civilian deaths, 2 fire service deaths, 868 civilian injuries and 495 fire service injuries in fires. This chapter provides information on the deaths and injuries suffered by civilians and fire service personnel. The fire service also experienced 4 deaths and 311 injuries in non fire-related incidents. All fire service counts in this section include mutual aid given incidents.

## Civilian Casualties by Type of Fire



Of all civilian casualties, **880 (84%)** occurred in structure fires, **109 (10%)** occurred in vehicle fires, and **59 (6%)** occurred in outside and other fires. Of the **180** civilian fatalities, **138 (76%)** occurred in structure fires, **40 (22%)** occurred in vehicle fires and **3 (2%)** occurred in outside and other fires.

## Civilian Casualties 1999-2003



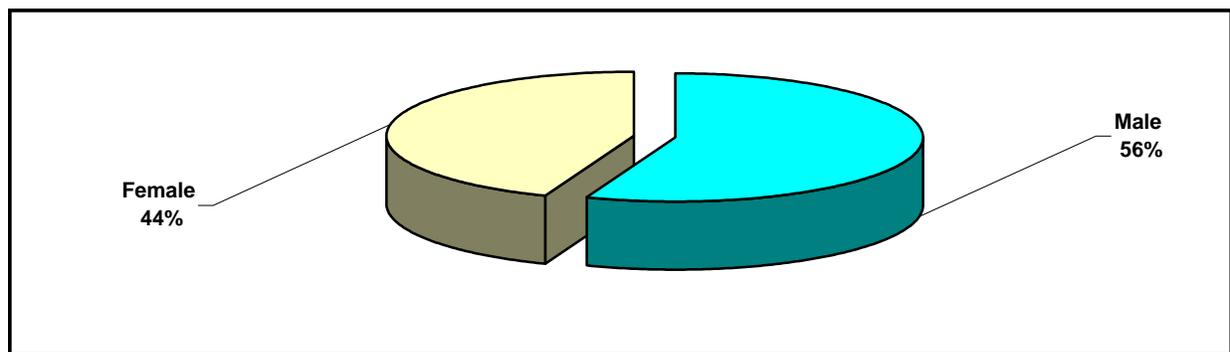
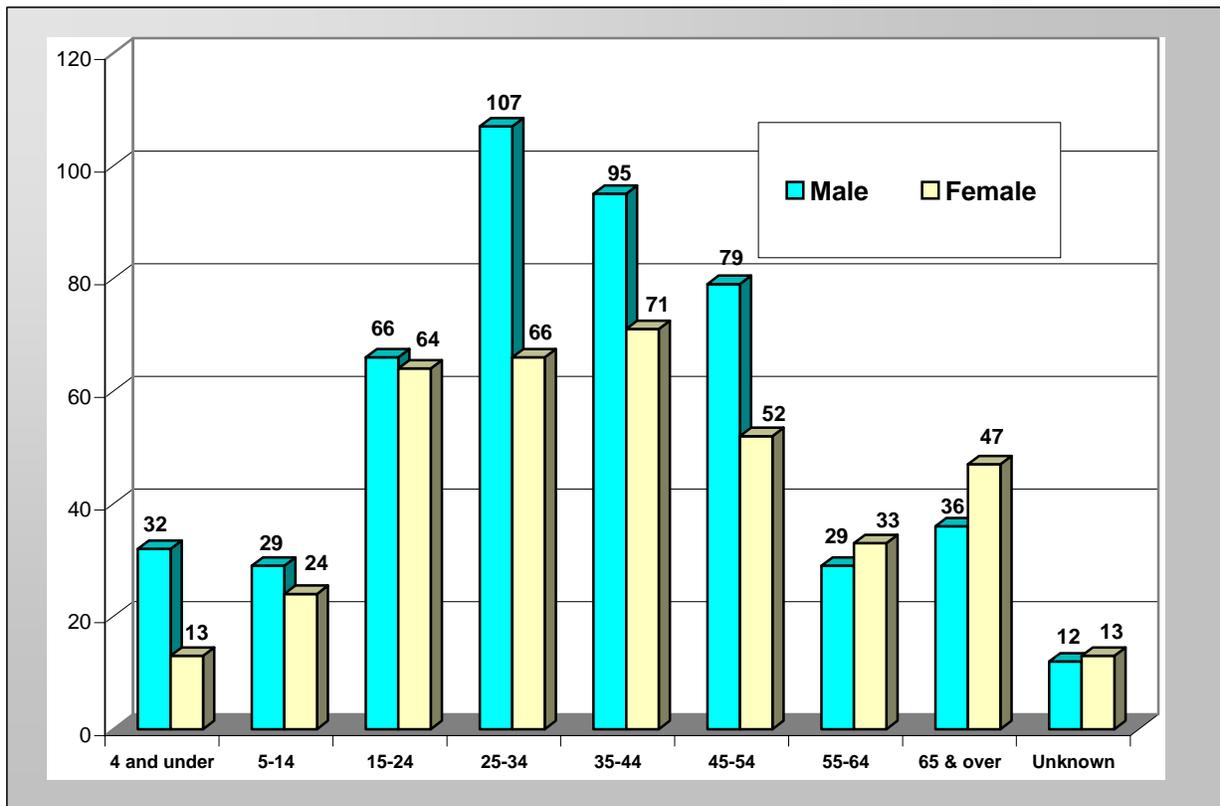
## Civilian Injuries in All Fires

The following table shows the number of fire-related civilian injuries by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	32	29	66	107	95	79	29	36	12	485
Female	13	24	64	66	71	52	33	47	13	383
<b>Totals</b>	<b>45</b>	<b>53</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>131</b>	<b>62</b>	<b>83</b>	<b>25</b>	<b>868</b>

Most civilian injuries, **173 (20%)**, involved people between the ages of **25-34**.

**One hundred seven (12%)** of civilian injuries involved males between the ages of **25-34**.



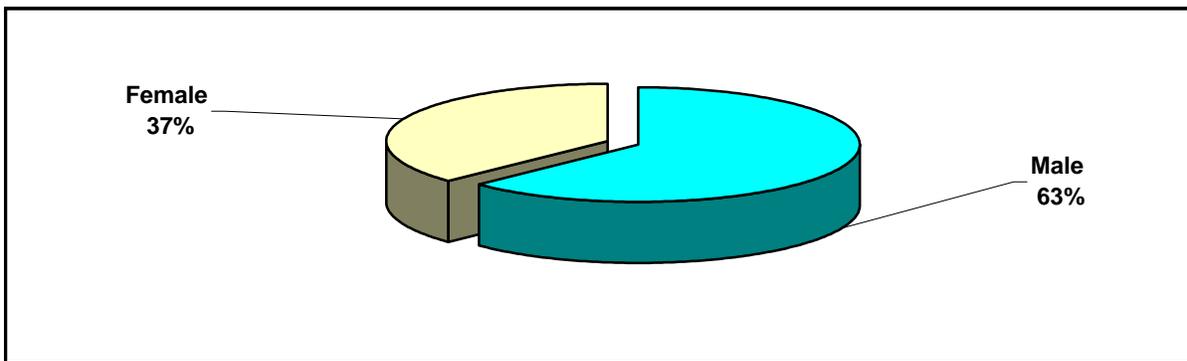
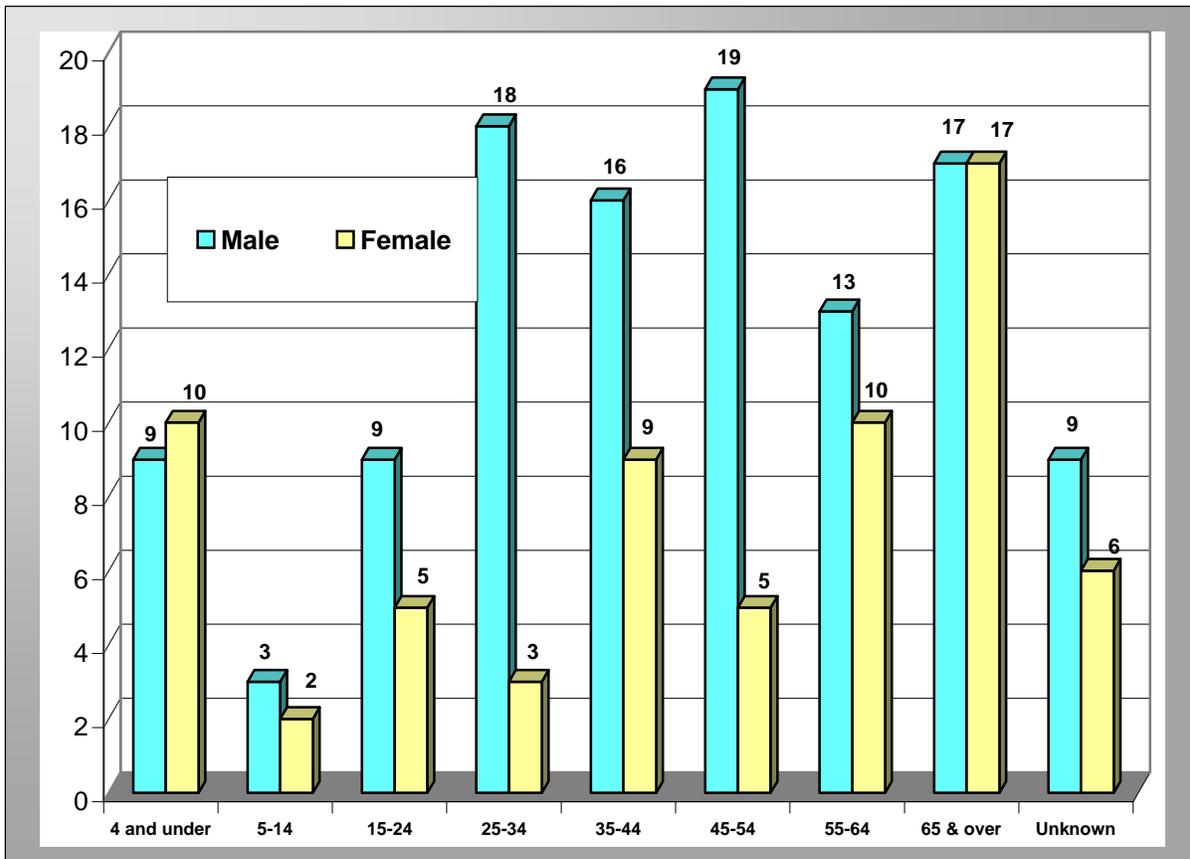
## Civilian Deaths in All Fires

The following table shows the number of fire-related civilian deaths by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	9	3	9	18	16	19	13	17	9	113
Female	10	2	5	3	9	5	10	17	6	67
<b>Totals</b>	<b>19</b>	<b>5</b>	<b>14</b>	<b>21</b>	<b>25</b>	<b>24</b>	<b>23</b>	<b>34</b>	<b>15</b>	<b>180</b>

Most civilian fire-related deaths (19%) involved people age **65 and older**.

**Nineteen (11%)** of all civilian fire-related deaths involved males between the ages of **45 - 54**.

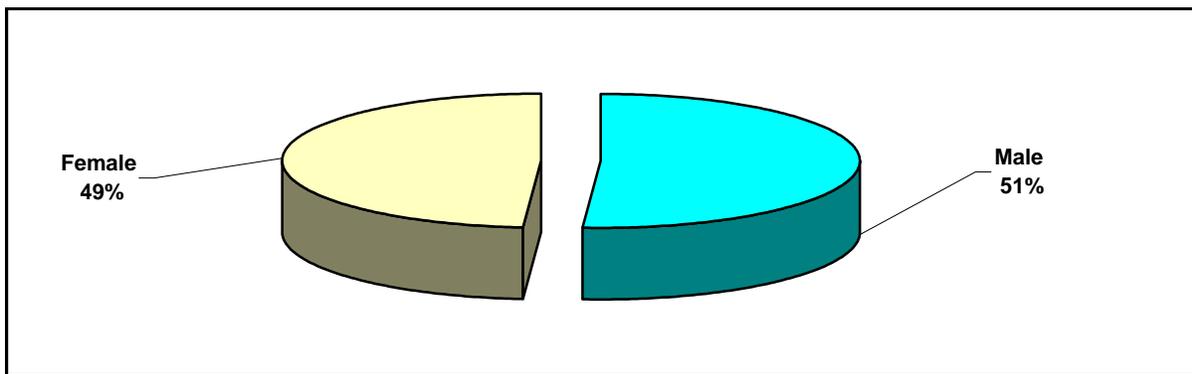
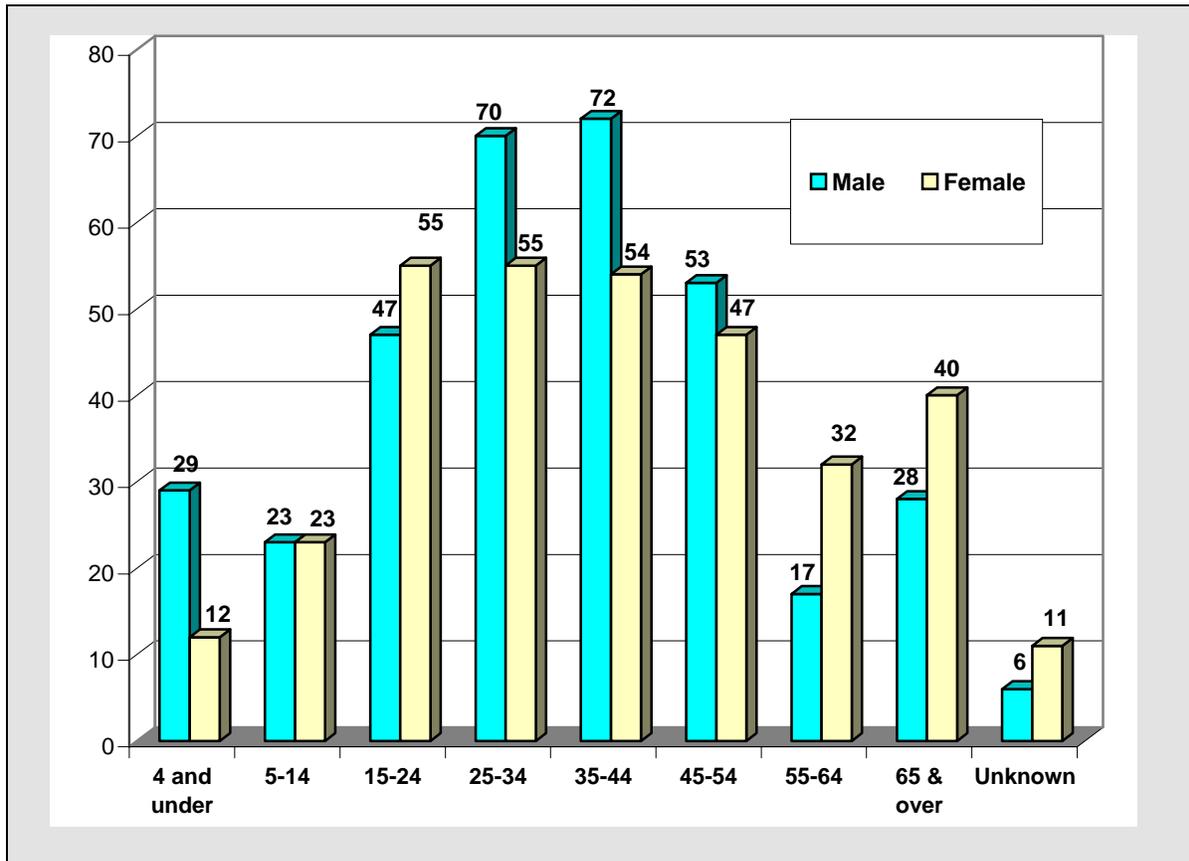


## Civilian Injuries in Residential Structure Fires

The following table shows the number of fire-related civilian injuries in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	29	23	47	70	72	53	17	28	6	345
Female	12	23	55	55	54	47	32	40	11	329
<b>Totals</b>	<b>41</b>	<b>46</b>	<b>102</b>	<b>125</b>	<b>126</b>	<b>100</b>	<b>49</b>	<b>68</b>	<b>17</b>	<b>674</b>

Most civilian injuries in residential structure fires (19%) involved people between the ages of 35-44. **Seventy-two (11%)** of civilian residential structure fire injuries involved females between the ages of 35-44.



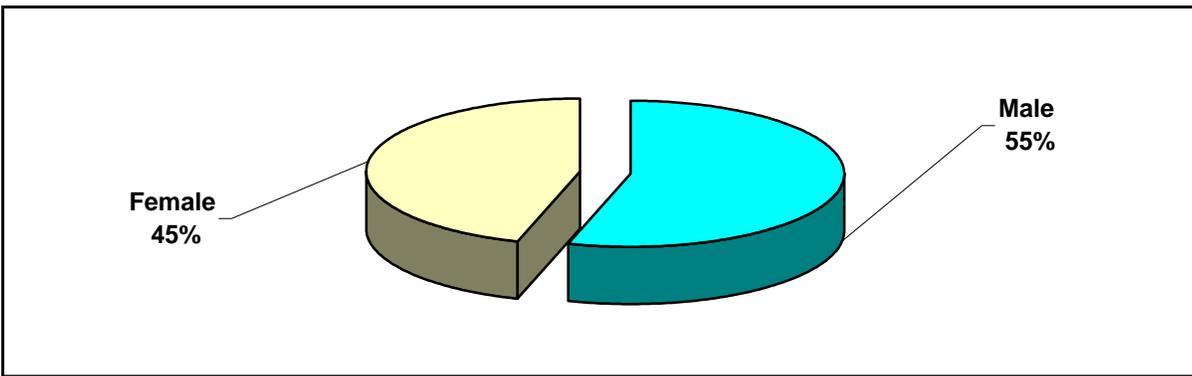
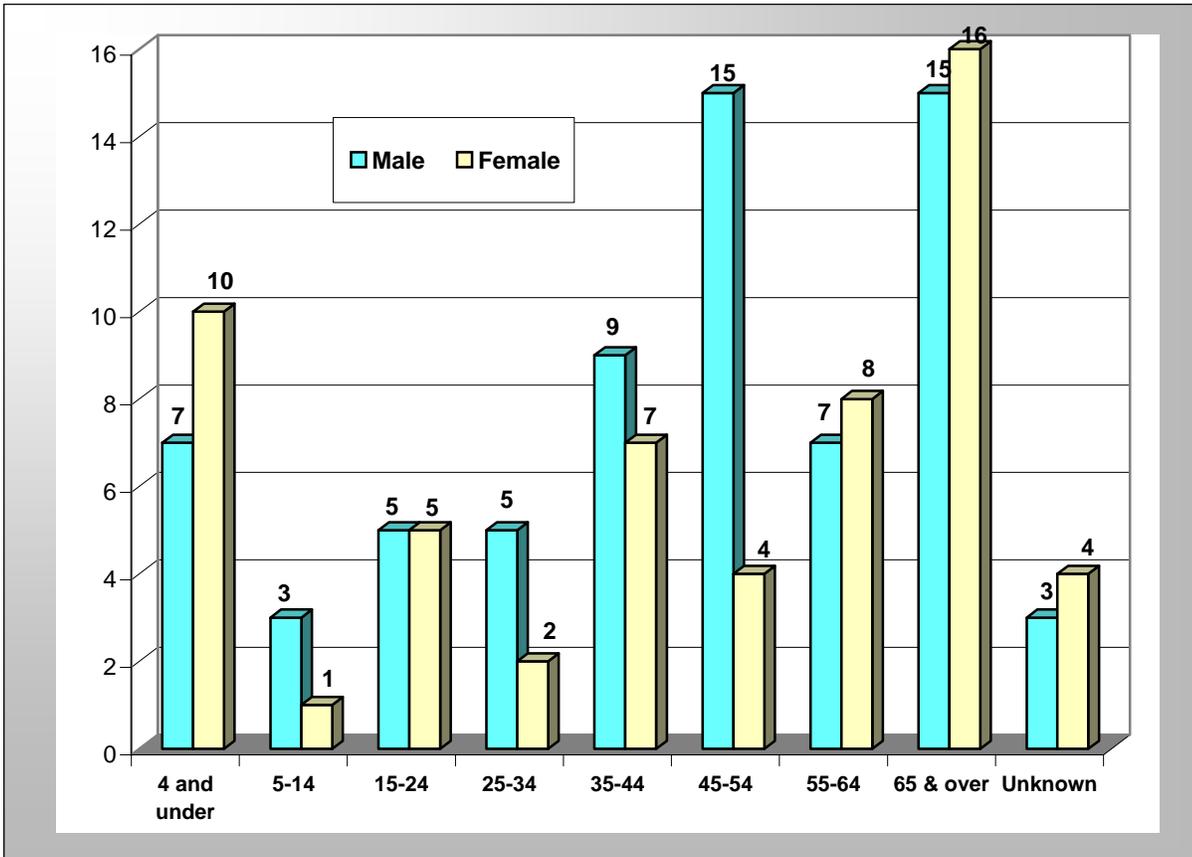
## Civilian Deaths in Residential Structure Fires

The following table shows the number of fire-related civilian deaths in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	7	3	5	5	9	15	7	15	3	<b>69</b>
Female	10	1	5	2	7	4	8	16	4	<b>57</b>
<b>Totals</b>	<b>17</b>	<b>4</b>	<b>10</b>	<b>7</b>	<b>16</b>	<b>19</b>	<b>15</b>	<b>31</b>	<b>7</b>	<b>126</b>

Most civilian deaths in residential structure fires (25%) involved people age **65 and over**.

**Sixteen (13%)** of civilian residential structure fire deaths involved females age **65 and over**.



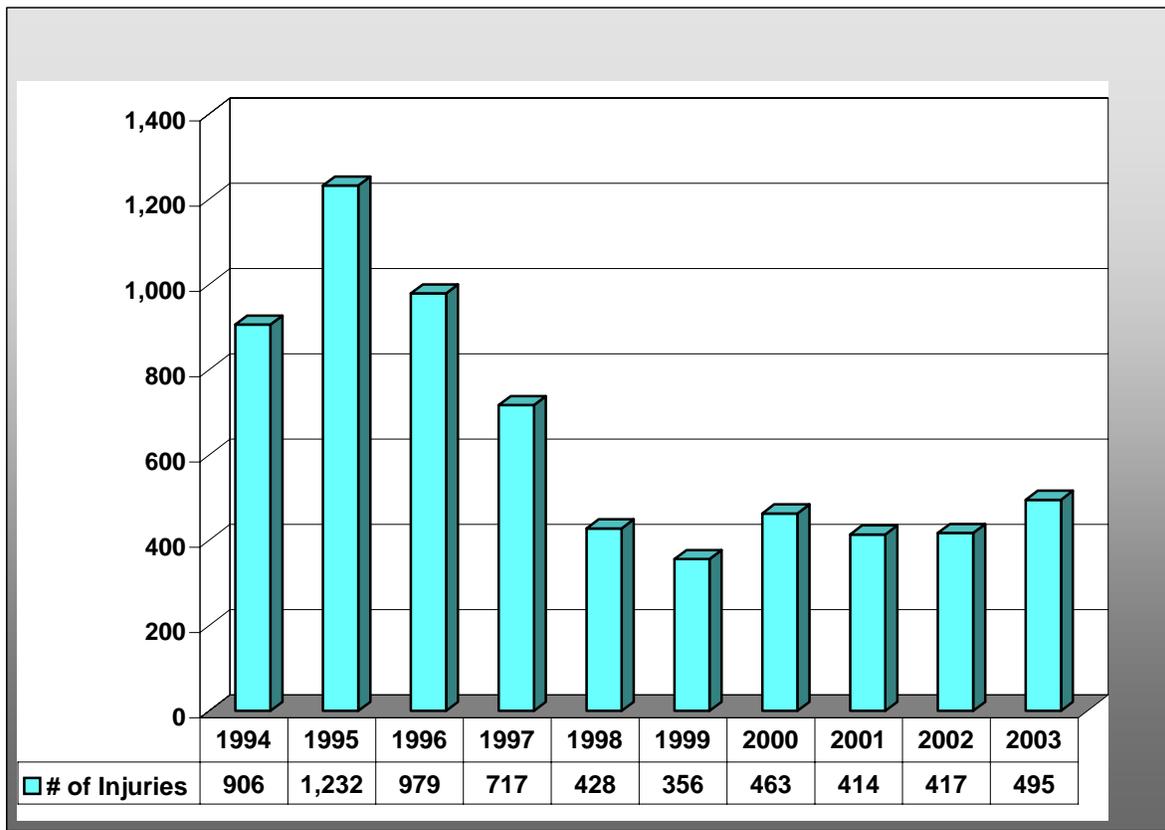
## Fire Service Injuries, Deaths in All Incident Types

The table below shows the number of fire service deaths and injuries in all incidents. Mutual aid calls are included.

Incident Type	Injuries	Deaths
Fire	495	2
Overpressure rupture, explosion, overheating - no fire	0	0
Rescue and emergency medical service incidents	250	4
Hazardous conditions - no fire	29	0
Service call	15	0
Good intent call	10	0
False alarm and false call	3	0
Severe weather and natural disaster	0	0
All other calls	4	0
<b>Totals</b>	<b>806</b>	<b>6</b>

## Fire Fighter Injuries 1994-2003

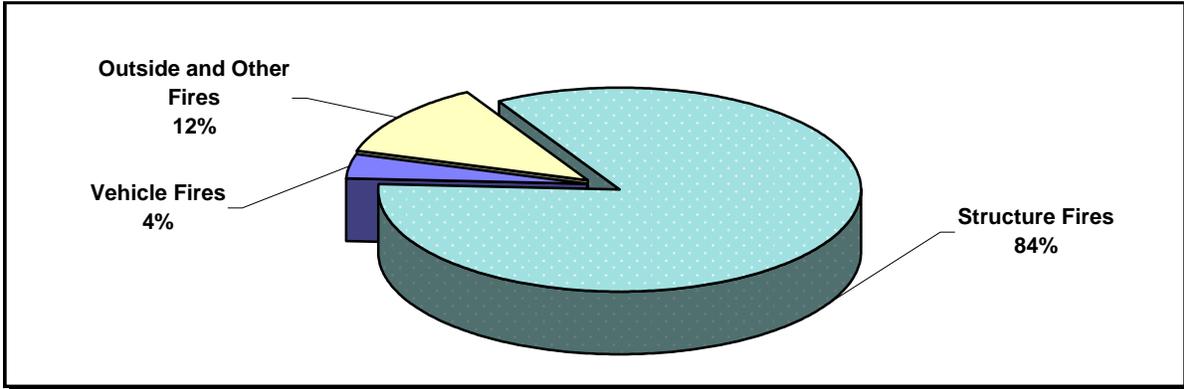
The chart below shows the number of fire-related fire service personnel injuries during the years 1994-2003.



## Fire Service Injuries by Type of Fire

The following table shows the number of fire service personnel injuries by type of fire incident.

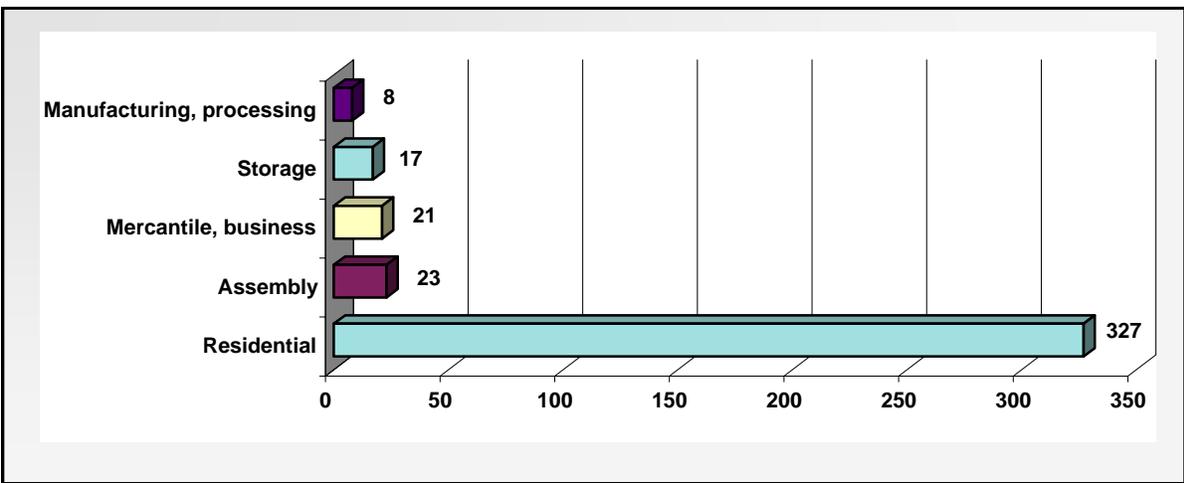
Type of Fire	Injuries
Structure Fires	417
Vehicle Fires	19
Outside and Other Fires	59



## Most Frequent Fire Service Injuries by Property Use in Structures

The following table shows the number of fire service injuries in structures by known type of property.

Property Use	Injuries
Residential	327
Assembly	23
Mercantile, business	21
Storage	17
Manufacturing, processing	8



66% of all fire service injuries in structures occurred in residential property.

## Fire Service Fatalities

The State Fire Marshal's Office investigates all line-of-duty deaths involving fire-service personnel in Texas. These investigations are conducted under statutory authority conferred upon the Texas Department of Insurance. For more information see our website at <http://www.tdi.state.tx.us/fire/fmlodinvesti.html>.

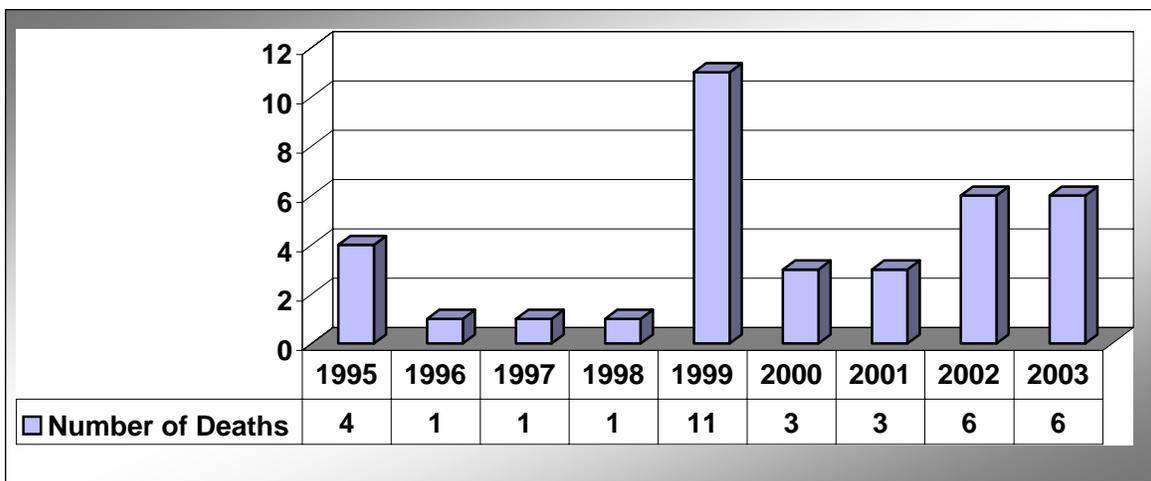
In 2003, TEXFIRS participating fire departments reported six fire service personnel fatalities. Only incidents reported with complete data are reflected in this report.

<b>Incident Type</b>	Building Fire	Vehicle Extrication	EMS	Grass Fire	Vehicle Accident	Vehicle Extrication
<b>Property Type</b>	Commercial	Highway	Outdoor Property	Open Land	Highway	Highway
<b>Cause of Fire</b>				Unknown		
<b>Date</b>	19-Jan	19-Jan	12-Feb	8-Mar	18-Mar	19-Nov
<b>Age</b>	32	28	46	62	20	61
<b>Sex</b>	Male	Male	Male	Male	Male	Male
<b>Cause of Death</b>	Smoke/Blast	Blunt Force	Cardiac	Cardiac	Blunt Force	Stress/ Exertion
<b>Nature of Death</b>	Internal Trauma	Internal Trauma	Heart Attack	Heart Attack	Internal Trauma	Heart Attack

The following fire fighter fatalities were not included in this report due to incomplete or unreported information.

<b>Incident Type</b>	Search/Rescue	EMS
<b>Property Type</b>	Outdoor Property	
<b>Cause of Fire</b>		
<b>Date</b>	27-Mar	5-Nov
<b>Age</b>	48	47
<b>Sex</b>	Male	Male
<b>Cause of Death</b>	Blunt Force	Cardiac
<b>Nature of Death</b>	Internal Trauma	Heart Attack

### Fire Service Fatalities 1994-2003



## 2003 Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
Anderson	5	148	34	27	87
Andrews	1	82	15	19	48
Angelina	4	270	78	57	135
Aransas	1	116	32	12	72
Archer	5	107	9	6	92
Armstrong	2	8	0	0	8
Atascosa	3	105	9	22	74
Austin	3	72	12	14	46
Bailey	1	22	3	1	18
Bastrop	6	283	53	56	174
Bell	11	1,186	460	217	509
Bexar	19	5,258	1,193	1,237	2,828
Bosque	5	75	8	6	61
Bowie	8	677	188	106	383
Brazoria	15	538	159	103	276
Brazos	5	544	186	122	236
Briscoe	2	26	2	5	19
Brown	2	174	54	23	97
Burleson	5	123	25	22	76
Burnet	6	257	42	34	181
Caldwell	3	119	26	23	70
Calhoun	1	72	12	15	45
Callahan	3	124	30	19	75
Cameron	7	1,334	305	306	723
Camp	1	151	31	21	99
Carson	1	28	2	3	23
Cass	8	340	72	50	218
Chambers	4	26	10	4	12
Cherokee	5	192	48	36	108
Childress	0	0	0	0	0
Clay	6	78	7	1	70
Coke	1	12	5	3	4
Coleman	1	78	9	6	63
Collin	15	1,370	413	213	744
Collingsworth	0	0	0	0	0
Colorado	3	109	28	21	60
Comal	5	395	133	55	207
Comanche	3	30	8	6	16
Concho	0	0	0	0	0
Cooke	3	203	64	47	92
Coryell	5	313	82	46	185
Crosby	0	0	0	0	0
Dallam	0	0	0	0	0
Dallas	23	11,746	3,488	2,901	5,357
Dawson	1	92	15	22	56
Deaf Smith	1	106	24	16	66
Delta	0	0	0	0	0
Denton	16	1,234	293	159	782

## 2003 Fires By County

<b>County</b>	<b>Reporting Departments</b>	<b>Total Fires</b>	<b>Structure Fires</b>	<b>Vehicle Fires</b>	<b>Outside and Other Fires</b>
Dewitt	1	63	15	15	33
Dickens	2	15	7	1	7
Dimmit	2	3	1	0	2
Donley	1	2	0	0	2
Duval	1	15	1	2	12
Eastland	5	207	46	24	137
Ector	2	728	272	113	343
El Paso	7	2,445	500	581	1,364
Ellis	16	816	212	128	476
Erath	3	188	46	25	117
Falls	3	59	20	6	33
Fannin	9	216	39	34	143
Fayette	5	144	28	29	87
Fisher	0	0	0	0	0
Floyd	2	36	4	1	31
Foard	0	0	0	0	0
Fort Bend	11	864	276	196	392
Franklin	3	119	14	7	98
Freestone	5	136	30	21	85
Frio	2	151	19	31	101
Gaines	1	58	12	12	34
Galveston	12	1,191	391	265	535
Gillespie	2	122	22	15	85
Goliad	1	51	12	5	34
Gonzales	2	3	1	2	0
Gray	4	222	52	22	148
Grayson	12	769	182	105	482
Gregg	7	1,008	266	171	571
Grimes	2	78	16	19	43
Guadalupe	5	378	79	57	242
Hale	1	99	37	19	43
Hall	1	76	10	6	60
Hamilton	3	71	5	10	56
Hansford	1	28	5	3	20
Hardeman	1	8	6	0	2
Hardin	3	93	30	17	46
Harris	24	8,342	2,784	2,335	3,223
Harrison	5	348	90	53	205
Hays	7	318	103	64	151
Henderson	10	270	85	37	148
Hidalgo	11	2,032	441	538	1,053
Hill	5	89	9	6	74
Hockley	1	140	35	22	83
Hood	3	152	22	24	106
Hopkins	5	302	62	32	208
Houston	4	201	40	17	144
Howard	2	150	41	30	79
Hunt	9	619	143	71	405

## 2003 Fires By County

<b>County</b>	<b>Reporting Departments</b>	<b>Total Fires</b>	<b>Structure Fires</b>	<b>Vehicle Fires</b>	<b>Outside and Other Fires</b>
Hutchinson	3	131	34	18	79
Jackson	2	50	6	12	32
Jasper	3	110	28	29	53
Jefferson	8	1,302	509	325	468
Jim Hogg	1	9	4	2	3
Jim Wells	1	8	2	3	3
Johnson	14	930	223	119	588
Jones	4	193	30	18	145
Karnes	1	42	10	6	26
Kaufman	8	525	104	68	353
Kendall	3	114	20	17	77
Kerr	3	131	19	30	82
Kimble	0	0	0	0	0
Kleberg	1	94	18	22	54
Knox	1	10	0	0	10
Lamar	8	351	133	46	172
Lamb	1	86	15	8	63
Lampasas	2	138	16	15	107
Lavaca	4	114	13	19	82
Lee	1	6	1	2	3
Leon	2	34	5	10	19
Liberty	4	109	29	20	60
Limestone	4	145	30	21	94
Lipscomb	1	13	1	0	12
Llano	2	68	9	8	51
Lubbock	2	47	8	5	34
Madison	1	1	0	0	1
Marion	0	0	0	0	0
Matagorda	1	100	36	15	49
Maverick	1	158	29	28	101
Mcculloch	4	101	10	12	79
Mclennan	12	1,056	309	212	535
Medina	5	210	45	26	139
Menard	1	9	3	2	4
Midland	1	541	171	95	275
Milam	3	110	23	11	76
Mills	0	0	0	0	0
Mitchell	1	83	22	7	54
Montague	4	103	19	21	63
Montgomery	9	1,139	325	246	568
Moore	1	93	24	10	59
Morris	3	125	29	19	77
Motley	1	1	0	0	1
Nacogdoches	8	263	80	57	126
Navarro	6	272	78	35	159
Newton	1	34	13	2	19
Nolan	0	0	0	0	0
Nueces	6	1,459	458	345	656

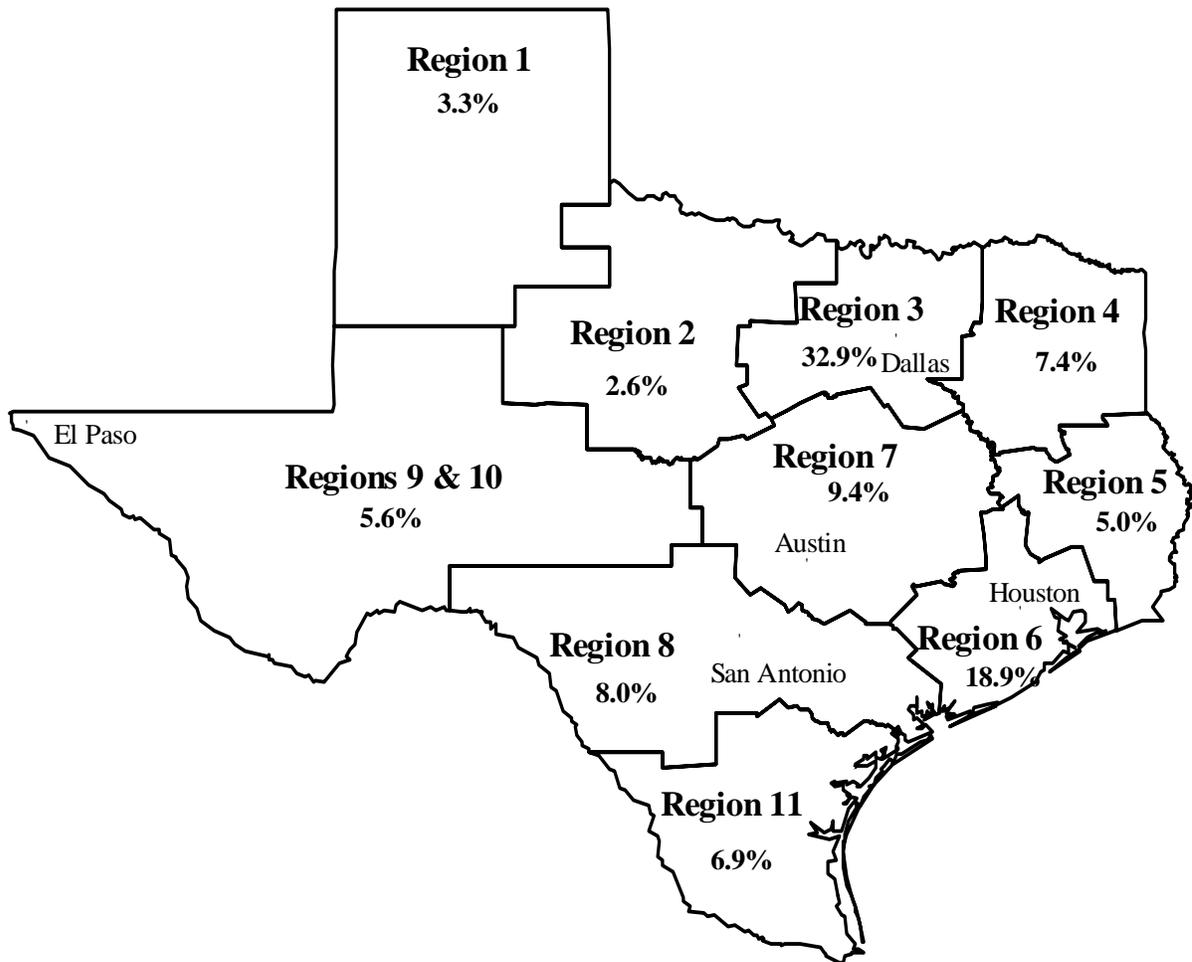
# 2003 Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
Ochiltree	1	30	10	4	16
Oldham	1	13	2	6	5
Orange	5	584	148	89	347
Palo Pinto	3	203	44	30	129
Panola	2	100	38	17	45
Parker	12	335	55	46	234
Polk	3	54	10	16	28
Potter	2	1,307	391	214	702
Rains	2	66	10	9	47
Randall	4	170	47	19	104
Red River	2	72	18	6	48
Reeves	0	0	0	0	0
Refugio	2	37	9	7	21
Roberts	1	13	3	2	8
Robertson	3	76	10	10	56
Rockwall	1	20	6	4	10
Runnels	1	45	5	7	33
Rusk	7	246	61	34	151
Sabine	2	13	1	0	12
San Augustine	2	77	22	17	38
San Jacinto	5	80	29	14	37
San Patricio	5	145	47	29	69
San Saba	2	80	10	5	65
Schleicher	1	5	1	1	3
Scurry	1	112	21	7	84
Shelby	4	205	54	35	116
Smith	7	707	226	135	346
Somervell	0	0	0	0	0
Starr	4	140	50	27	63
Stephens	1	88	18	8	62
Sutton	1	27	4	13	10
Swisher	0	0	0	0	0
Tarrant	26	6,079	1,812	1,311	2,956
Taylor	3	747	218	124	405
Terry	1	49	10	5	34
Titus	2	312	60	60	192
Tom Green	9	517	191	76	250
Travis	7	1,918	374	377	1,167
Trinity	1	76	23	14	39
Tyler	7	148	35	23	90
Upshur	6	247	45	37	165
Upton	0	0	0	0	0
Uvalde	1	9	1	2	6
Val Verde	1	95	5	8	82
Van Zandt	9	448	76	52	320
Victoria	13	426	107	82	237
Walker	5	226	45	71	110
Waller	4	108	23	14	71

## 2003 Fires By County

<b>County</b>	<b>Reporting Departments</b>	<b>Total Fires</b>	<b>Structure Fires</b>	<b>Vehicle Fires</b>	<b>Outside and Other Fires</b>
Ward	1	10	0	1	9
Washington	5	99	23	19	57
Webb	1	710	146	188	376
Wharton	3	201	60	41	100
Wheeler	1	61	5	13	43
Wichita	2	134	24	19	91
Wilbarger	1	161	34	18	109
Willacy	2	19	6	8	5
Williamson	12	692	182	129	381
Wilson	3	33	5	0	28
Winkler	1	1	0	0	1
Wise	6	119	36	10	73
Wood	5	182	39	21	122
Yoakum	1	24	1	2	21
Young	1	68	22	10	36
Zapata	1	51	12	14	25
Zavala	1	39	11	1	27

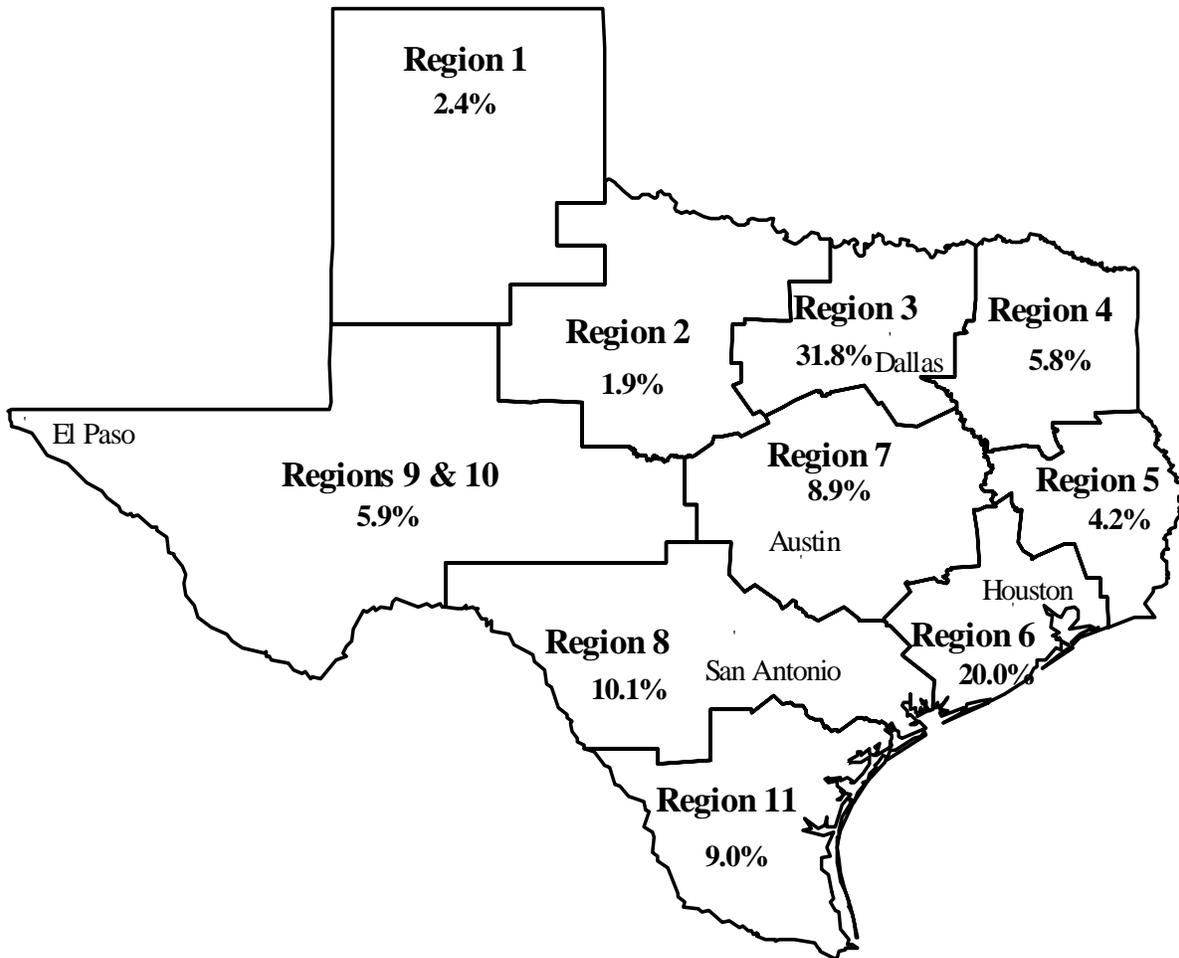
# 2003 Structure Fires



Texas fire departments reported a total of 22,100 structure fires.

Region 1	3.3%	732	
Region 2	2.6%	582	
Region 3	32.9%	7,260	Dallas Fire Department 1,851 (8.4% of the state total)
Region 4	7.4%	1,625	
Region 5	5.0%	1,100	
Region 6	18.9%	4,178	Houston Fire Department 2,100 (9.5% of the state total)
Region 7	9.4%	2,085	Austin Fire Department 286 (1.3% of the state total)
Region 8	8.0%	1,767	San Antonio Fire Department 1,058 (4.8% of the state total)
Region 9 and 10	5.6%	1,240	El Paso Fire Department 415 (1.9% of the state total)
Region 11	6.9%	1,531	

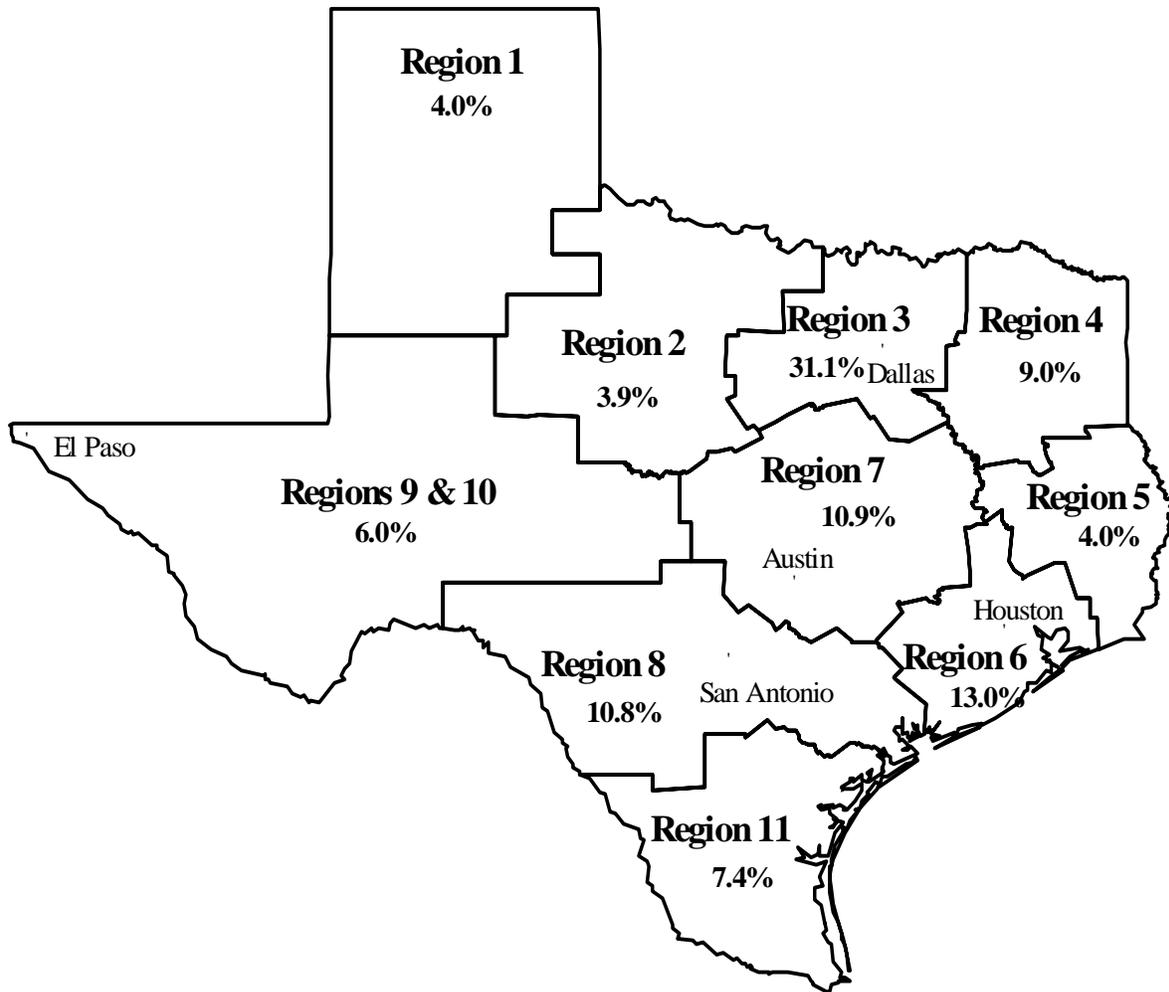
## 2003 Vehicle Fires



Texas fire departments reported a total of 16,760 vehicle fires.

Region 1	2.4%	405	
Region 2	1.9%	324	
Region 3	31.8%	5,330	Dallas Fire Department 1,836 (11% of the state total)
Region 4	5.8%	976	
Region 5	4.2%	712	
Region 6	20.0%	3,345	Houston Fire Department 1,851 (11% of the state total)
Region 7	8.9%	1,500	Austin Fire Department 295 (1.8% of the state total)
Region 8	10.1%	1,685	San Antonio Fire Department 1,143 (6.8% of the state total)
Region 9 and 10	5.9%	980	El Paso Fire Department 515 (3.1% of the state total)
Region 11	9.0%	1,503	

## 2003 Outside and Other Fires



Texas fire departments reported a total of 42,466 outside and other fires.

Region 1	4.0%	1,709	
Region 2	3.9%	1,644	
Region 3	31.1%	13,206	Dallas Fire Department 3,377 (8.0% of the state total)
Region 4	9.0%	3,810	
Region 5	4.0%	1,698	
Region 6	13.0%	5,502	Houston Fire Department 2,160 (5.1% of the state total)
Region 7	10.9%	4,633	Austin Fire Department 910 (2.1% of the state total)
Region 8	10.8%	4,570	San Antonio Fire Department 2,589 (6.1% of the state total)
Region 9 and 10	6.0%	2,559	El Paso Fire Department 1,114 (2.6% of the state total)
Region 11	7.4%	3,135	



## Participating Fire Departments

The Texas Department of Insurance would like to thank the following fire departments that submitted reports to the Texas Fire Incident Reporting System (TEXFIRS) in 2003. This report would not have been possible without their continued cooperation, efforts, and support.

- ☆ 2604 FD
- ☆ Abilene FD
- ☆ Ables Springs FD
- ☆ Addison FD
- ☆ Adell-Whitt VFD
- ☆ Alamo FD
- ☆ Alamo Heights FD
- ☆ Alice FD
- ☆ Allen FD
- ☆ Alvarado FD
- ☆ Alvin FD
- ☆ Amarillo FD
- ☆ Anahuac VFD
- ☆ Andrews VFD
- ☆ Angelina River VFD
- ☆ Annaville VFD
- ☆ Anson FD
- ☆ Appleby FD
- ☆ Aransas Pass FD
- ☆ Archer City VFD
- ☆ Argyle VFD
- ☆ Arlington FD
- ☆ Asherton VFD
- ☆ Atascocita VFD
- ☆ Athens FD
- ☆ Atlanta FD
- ☆ Aubrey VFD
- ☆ Austin FD
- ☆ Avalon VFD
- ☆ Avery VFD
- ☆ Azle FD
- ☆ Bacliff FD
- ☆ Bailey FD
- ☆ Baird VFD
- ☆ Balch Springs FD
- ☆ Balcones Heights FD
- ☆ Ballinger FD
- ☆ Bardwell VFD
- ☆ Bartlett VFD
- ☆ Bastrop VFD
- ☆ Bay City FD
- ☆ Bayside FD
- ☆ Baytown FD
- ☆ Beach City VFD
- ☆ Beaumont FD
- ☆ Bedford FD
- ☆ Bellevue FD
- ☆ Bellmead VFD
- ☆ Bells FD
- ☆ Belmont VFD
- ☆ Belton FD
- ☆ Benbrook FD
- ☆ Benjamin VFD
- ☆ Bertram VFD
- ☆ Bethel Cayuga FD
- ☆ Big Spring FD
- ☆ Bishop VFD
- ☆ Black Jack VFD
- ☆ Blackjack VFD
- ☆ Bloomburg VFD
- ☆ Bloomington VFD
- ☆ Blossom VFD
- ☆ Blue Ridge VFD
- ☆ Bluebonnet VFD
- ☆ Blum VFD
- ☆ Boerne VFD
- ☆ Bonham FD
- ☆ Bono VFD
- ☆ Booker FD
- ☆ Boonsville-Balsora VFD
- ☆ Borger FD
- ☆ Bowie FD
- ☆ Bowie Rural VFD
- ☆ Bowman VFD
- ☆ Boyd FD
- ☆ Bracken VFD
- ☆ Brady VFD
- ☆ Branch VFD
- ☆ Brazoria FD
- ☆ Brazos County Pct #3
- ☆ Brazos County Pct #4
- ☆ Breckenridge FD
- ☆ Bremond VFD
- ☆ Brenham FD
- ☆ Briar Oaks VFD
- ☆ Briar VFD
- ☆ Bridge City F&R
- ☆ Briggs VFD
- ☆ Brinker VFD
- ☆ Bristol VFD
- ☆ Brownfield FD
- ☆ Brownsville FD
- ☆ Brownwood FD
- ☆ Bryan FD
- ☆ Buckholts VFD
- ☆ Buda VFD
- ☆ Buffalo VFD
- ☆ Bullard VFD
- ☆ Bulverde Area VFD
- ☆ Burkburnett VFD
- ☆ Burleson FD
- ☆ Burnet VFD
- ☆ Butler VFD
- ☆ C-5 VFD
- ☆ Caddo Mills F&R
- ☆ Caldwell VFD
- ☆ Calvert VFD
- ☆ Camelot VF&R
- ☆ Cameron VFD
- ☆ Camilla VFD
- ☆ Campbell VFD
- ☆ Caney City VFD
- ☆ Canton VFD
- ☆ Canyon FD

- ☆ Canyon Lake Fire/EMS
- ☆ Carancahua VFD
- ☆ Carlisle VFD
- ☆ Carlsbad VFD
- ☆ Carlton VFD
- ☆ Carrizo Springs VFD
- ☆ Carrollton FD
- ☆ Carthage VFD
- ☆ Cass County RFD #1
- ☆ Cass County RFD #2
- ☆ Castle Hills FD
- ☆ Castroville VFD
- ☆ Cat Spring VFD
- ☆ Cedar Hill FD
- ☆ Cedar Park FD
- ☆ Celeste VFD
- ☆ Celina FD
- ☆ Center FD
- ☆ Centerhill VFD
- ☆ Central Community VFD
- ☆ Central Heights FD
- ☆ Central High FD
- ☆ Chalk Bluff VFD
- ☆ Champions Area VFD
- ☆ Chandler FD
- ☆ Charlie-Thornberry VFD
- ☆ Chatfield VFD
- ☆ Cherokee VFD
- ☆ Chicota VFD
- ☆ Chilton VFD
- ☆ China Grove VFD
- ☆ Chireno FD
- ☆ Christoval VFD
- ☆ Circle D VFD
- ☆ Cisco FD
- ☆ Clarksville FD
- ☆ Clarksville-Warren FD
- ☆ Clayton FD
- ☆ Cleburne FD
- ☆ Clint VFD
- ☆ Cloverleaf VFD
- ☆ Clute VFD
- ☆ Clyde FD
- ☆ Coffee City VFD
- ☆ Coldspring VFD
- ☆ Coleman FD
- ☆ College Station FD
- ☆ Colleyville FD
- ☆ Colmesneil VFD
- ☆ Colorado City VFD
- ☆ Columbus VFD
- ☆ Comanche VFD
- ☆ Comfort VFD
- ☆ Commerce FD
- ☆ Conroe FD
- ☆ Converse VFD
- ☆ Cool-Garner Fire/Rescue
- ☆ Coppell FD
- ☆ Copperas Cove FD
- ☆ Corpus Christi FD
- ☆ Corrigan VFD
- ☆ Corsicana FD
- ☆ Cottondale VFD
- ☆ County Road 143 VFD
- ☆ Covington VFD
- ☆ Crabbs Prairie VFD
- ☆ Crandall VFD
- ☆ Crims Chapel VFD
- ☆ Crockett VFD
- ☆ Crowley FD
- ☆ Crystal City VFD
- ☆ Cuero FD
- ☆ Cut N Shoot VFD
- ☆ Cy-Fair VFD
- ☆ Cypress Creek VFD
- ☆ Dacasta VFD
- ☆ Daingerfield VFD
- ☆ Dallas FD
- ☆ Dalworthington Gardens VFD
- ☆ Dam-B VFD
- ☆ Damon VFD
- ☆ Dean Dale VFD
- ☆ Deanneville VFD
- ☆ DeKalb VFD
- ☆ Denison FD
- ☆ Denning / New Hope VFD
- ☆ Denton FD
- ☆ Denver City VFD
- ☆ Deport VFD
- ☆ DeSoto VFD
- ☆ Devine VFD
- ☆ DFW Airport DPS
- ☆ Dickinson VFD
- ☆ Dilley VFD
- ☆ Dodd City VFD
- ☆ Double Oak FD
- ☆ Douglass VFD
- ☆ Douglassville VFD
- ☆ Dove Creek VFD
- ☆ Driftwood VFD
- ☆ Dumas FD
- ☆ Duncanville FD
- ☆ Eagle Creek VES
- ☆ Eagle Lake VFD
- ☆ Eagle Mountain VFD
- ☆ Eagle Pass FD
- ☆ Earl's Chapel VFD
- ☆ East Bernard VFD
- ☆ East Concho VFD
- ☆ East Tx Regional Airport PSD
- ☆ East Wise F&R
- ☆ Eastland VFD
- ☆ Eastside VFD
- ☆ Ector FD
- ☆ Edgecliff Village VFD
- ☆ Edinburg FD
- ☆ Edna VFD
- ☆ Edom VFD
- ☆ El Campo FD
- ☆ El Paso County ESD #1
- ☆ El Paso FD
- ☆ Elderville-Lakeport VFD
- ☆ Eldorado VFD
- ☆ Elgin VFD
- ☆ Elkhart FD
- ☆ Ellis County ESD #1/Maypearl
- ☆ Elmo VFD
- ☆ Elsa FD
- ☆ Emhouse VFD
- ☆ Emory FD
- ☆ Ennis FD
- ☆ Erath County VFD
- ☆ Etoile VFD
- ☆ Eula VFD
- ☆ Eules FD
- ☆ Evant VFD
- ☆ Everman FD
- ☆ Ewell VFD
- ☆ Fabens VFD
- ☆ Fairfield VFD
- ☆ Fairmount VFD
- ☆ Fannett-Labelle VFD
- ☆ Farmers Branch FD
- ☆ Farmersville VFD
- ☆ Faught FD
- ☆ Ferris FD
- ☆ Five Points VFD

☆ Flatonia VFD	☆ Hallsville FD	☆ Jacksonville FD
☆ Florence VFD	☆ Haltom City FD	☆ Jamaica Beach FD
☆ Flour Bluff VFD	☆ Hamilton VFD	☆ Jarret VFD
☆ Flower Mound FD	☆ Hamlin VFD	☆ Jasper FD
☆ Floydada VFD	☆ Hardin VFD	☆ Jersey Village FD
☆ Fordtran VFD	☆ Harker Heights FD	☆ Jim Hogg County FD #2
☆ Forest Hill FD	☆ Harlingen FD	☆ Joaquin VFD
☆ Fort Worth FD	☆ Harmony VFD	☆ Jolly VFD
☆ Fred VFD	☆ Harrison County RFPD #2	☆ Jollyville VFD
☆ Fredericksburg VFD	☆ Hawley VFD	☆ Jonesboro VFD
☆ Freeport FD	☆ Henderson FD	☆ Josephine VFD
☆ Freer VFD	☆ Hereford FD	☆ Joshua FD
☆ Fresno VFD	☆ Hewitt FD	☆ Jourdanton VFD
☆ Friendswood FD	☆ Hico VFD	☆ Joy VFD
☆ Frisco VFD	☆ Highland Village FD	☆ Justin FD
☆ Fritch VFD	☆ Hilltop Lakes VFD	☆ Karnes City VFD
☆ Frost VFD	☆ Hitchcock VFD	☆ Katy VFD
☆ Fruitvale VFD	☆ Holiday Lakes VFD	☆ Kaufman VFD
☆ Fulshear Simonton VFD	☆ Holliday VFD	☆ Keene FD
☆ Gainesville FD	☆ Holly Lake VFD	☆ Keller F&R
☆ Galena Park FD	☆ Hollywood Park VFD	☆ Kemah VFD
☆ Galveston FD	☆ Hondo VFD	☆ Kemp VFD
☆ Garland FD	☆ Hoover VFD	☆ Kempner VFD
☆ Garrett Area VFD	☆ Hopewell VFD	☆ Kennedale FD
☆ Gatesville FD	☆ Hopkins County F&R	☆ Kerens VFD
☆ Georgetown FD	☆ Houston FD	☆ Kerrville FD
☆ Geronimo FD	☆ Howard County VFD	☆ Kicaster VFD
☆ Giddings VFD	☆ Howard Wick VFD	☆ Kilgore FD
☆ Gilmer FD	☆ Howe FD	☆ Killeen FD
☆ Gladewater FD	☆ Hudson VFD	☆ Kingsville FD
☆ Glenwood Acres VFD	☆ Huffman VFD	☆ Knippa ES
☆ Godley FD	☆ Hughes Springs VFD	☆ Krum VFD
☆ Goliad VFD	☆ Hull-Daisetta VFD	☆ Kyle FD
☆ Gordon VFD	☆ Humble FD	☆ La Feria VFD
☆ Gordonville VFD	☆ Huntington VFD	☆ La Grange VFD
☆ Graham FD	☆ Huntsville FD	☆ La Joya VFD
☆ Granbury VFD	☆ Hurst FD	☆ La Junta FD
☆ Grand Prairie FD	☆ Hutchins VFD	☆ La Villa VFD
☆ Grand Saline VFD	☆ Hutto VFD	☆ Lacosta Lions Club VFD
☆ Granite Shoals FD	☆ Idalou VFD	☆ Lacy Lakeview VFD
☆ Grape Creek VFD	☆ Inez VFD	☆ Lago Vista F&R/TCESD #1
☆ Grapeland VFD	☆ Ingleside VFD	☆ Laguna Vista VFD
☆ Grapevine FD	☆ Ingram VFD	☆ Lake Arrowhead VFD
☆ Greenville FD	☆ Iredell VFD	☆ Lake Bridgeport VFD
☆ Greenwood RVFD	☆ Irving FD	☆ Lake Brownwood VFD
☆ Groves VFD	☆ Italy VFD	☆ Lake Cities VFD
☆ Gunter VFD	☆ Ivanhoe VFD	☆ Lake Conroe VFD
☆ Gustine VFD	☆ Jacinto City VFD	☆ Lake Jackson VFD
☆ Hallettsville VFD	☆ Jackson Heights VFD	☆ Lake LBJ Mud FD

☆ Lake Mexia VFD	☆ Lorena VFD	☆ Montalba VFD
☆ Lake Nacogdoches Area VFD	☆ Lott FD	☆ Montana Vista FD
☆ Lake Palestine East VFD	☆ Lovelady VFD	☆ Monte Alto FD
☆ Lake Rayburn VFD	☆ Lufkin FD	☆ Montgomery FD
☆ Lake Tanglewood VFD	☆ Luling FD	☆ Morgan Mill VFD
☆ Lakeside City VFD	☆ Lumberton F&R	☆ Morgan Point VFD
☆ Lakeside Village VFD	☆ Lyford VFD	☆ Moulton VFD
☆ Lakeview VFD	☆ Mabank VFD	☆ Mount Vernon VFD
☆ Lamar Pt-Emberson-Caviness VFD	☆ Malakoff VFD	☆ Mountain Home VFD
☆ Lamesa FD	☆ Manor VFD	☆ Mt. Pleasant VFD
☆ Lampasas FD	☆ Mansfield FD	☆ Muleshoe VFD
☆ Lancaster FD	☆ Marvel VFD	☆ Murphy F&R
☆ Laneville VFD	☆ Marble Falls FD, City	☆ Myrtle Springs VFD
☆ Laredo FD	☆ Marlin FD	☆ Nacogdoches FD
☆ Latexo VFD	☆ Marshall FD	☆ Nassau Bay VFD
☆ League City FD	☆ Mart VFD	☆ Natalia VFD
☆ Leander FD	☆ Matador VFD	☆ Navarro Mills VFD
☆ Ledbetter VFD	☆ Maud VFD	☆ Navasota VFD
☆ Lefors VFD	☆ Maxwell VFD	☆ Nederland F&R
☆ Leon Valley FD	☆ McAdoo VFD	☆ Neiderwald VFD
☆ Leroy VFD	☆ McAllen FD	☆ Nevada FD
☆ Levelland FD	☆ McFaddin VFD	☆ New Boston VFD
☆ Lewisville FD	☆ McKinney FD	☆ New Braunfels FD
☆ Liberty Chapel VFD	☆ McLean VFD	☆ New Caney VFD
☆ Liberty Eylau VFD	☆ McQueeney VFD	☆ New Salem FD
☆ Liberty FD	☆ Melrose VFD	☆ New Summerfield VFD
☆ Liberty Hill VFD	☆ Memphis FD	☆ Newton FD
☆ Lillian VFD	☆ Menard VFD	☆ Nocona FD
☆ Lindale VFD	☆ Merit VFD	☆ Nocona Rural FD
☆ Linden VFD	☆ Merkel VFD	☆ Nolan VFD
☆ Lindsay VFD	☆ Mesquite FD	☆ Nolanville FD
☆ Little Elm VFD	☆ Mexia FD	☆ Nome VFD
☆ Little River Academy VFD	☆ Mexia State School FD	☆ Noonday VFD
☆ Littlefield FD	☆ Meyersville VFD	☆ North Fannin County VFD
☆ Live Oak FD	☆ Miami/Roberts County VFD	☆ North Franklin VFD
☆ Liverpool VFD	☆ Midland FD	☆ North Hays County VFD
☆ Livingston FD	☆ Midlothian FD	☆ North Hood County VFD
☆ Llano VFD	☆ Mid-North FD	☆ North Montgomery County VFD
☆ Lockhart FD	☆ Milford VFD	☆ North Richland Hills FD
☆ Lockney VFD	☆ Miller Grove VFD	☆ North Tarrant County RFD
☆ Locust VFD	☆ Millsap VFD	☆ North Zulch VFD
☆ Log Cabin VFD	☆ Mineola FD	☆ Northeast F&R
☆ Lohn VFD	☆ Mineral Wells FD	☆ Northwest VFD
☆ Lone Oak FD	☆ Mission FD	☆ Nursery VFD
☆ Lone Pine VFD	☆ Mission Valley VFD	☆ Oak Hill FD/TCESD #3
☆ Lone Star VFD	☆ Missouri City FD	☆ Oakalla VFD
☆ Lone Tree Community VFD	☆ Moffat VFD	☆ Oakhurst VFD
☆ Longhorn VFD	☆ Monahans VFD	☆ Odessa FD
☆ Longview FD	☆ Monaville VFD	☆ Ogburn FD

☆ Oglesby FD	☆ Porter VFD	☆ Rosehill VFD
☆ Old Ocean VFD	☆ Portland VFD	☆ Rosenberg FD
☆ Old River-Winfree VFD	☆ Potter County F&R	☆ Rosita VFD
☆ Olden FD	☆ Pottsboro FD	☆ Rosser VFD
☆ On the Bay VFD	☆ Prairie Hill Rocky Creek VFD	☆ Round Rock FD
☆ Orange County ESD #1	☆ Prairie Hill VFD	☆ Round Rock VFD
☆ Orange County Rural FD	☆ Preston FD	☆ Rowlett FD
☆ Orange FD	☆ Primrose VFD	☆ Roxton VFD
☆ Orchard VFD	☆ Princeton FD	☆ Sachse FD
☆ Ore City FD	☆ Prosper FD	☆ Salado VFD
☆ Osage VFD	☆ Pumpkin Evergreen VFD	☆ Salem VFD
☆ Ottine VFD	☆ Quail Creek FD	☆ Sam Bass VFD
☆ Overton FD	☆ Quanah FD	☆ Sam Houston FD
☆ Ovilla VFD	☆ Quitaque VFD	☆ San Angelo FD
☆ Palestine FD	☆ Raisin VFD	☆ San Antonio FD
☆ Palo Pinto VFD	☆ Rancho Viejo VFD	☆ San Augustine FD
☆ Pampa FD	☆ Randolph VFD	☆ San Benito VFD
☆ Panhandle VFD	☆ Ranger FD	☆ San Isidro FD
☆ Pantego FD	☆ Ravenna VFD	☆ San Juan FD
☆ Paris FD	☆ Red Oak VFD	☆ San Leon VFD
☆ Pasadena VFD	☆ Red Springs VFD	☆ San Marcos FD
☆ Pattison Area VFD Inc.	☆ Redwater VFD	☆ San Saba VFD
☆ Payne Springs VFD	☆ Refugio VFD	☆ Sand Hills VFD
☆ Pearland VFD	☆ Reklaw VFD	☆ Sandy Oaks FD
☆ Pearsall VFD	☆ Reno FD	☆ Sanger FD
☆ Peaster VFD	☆ Rhome FD	☆ Sansom Park VFD
☆ Pecan Creek VFD	☆ Richards VFD	☆ Santa Fe Fire & Rescue
☆ Pedernales ES/TCESD #8	☆ Richardson FD	☆ Saratoga VFD
☆ Pendleton Harbor VFD	☆ Richland Hills FD	☆ Savoy VFD
☆ Perryton FD	☆ Richmond FD	☆ Schertz FD
☆ Pflugerville FD	☆ Richwood VFD	☆ Schulenburg VFD
☆ Pharr FD	☆ Riesel VFD	☆ SE TX Regional Airport FD
☆ Pickton-Pine Forest VFD	☆ Rio Grande City FD	☆ Seagoville FD
☆ Pilot Point FD	☆ Rio Vista VFD	☆ Sealy VFD
☆ Pittsburg FD	☆ Rising Star FD	☆ Seguin FD
☆ Placedo VFD	☆ Rivercrest/Redland VFD	☆ Selma FD
☆ Plainview FD	☆ Riverside VFD	☆ Seminole VFD
☆ Plano FD	☆ Roanoke VFD	☆ Shady Oaks VFD
☆ Pleasant Grove VFD	☆ Robert Lee VFD	☆ Shamrock VFD
☆ Pleasanton VFD	☆ Robinson VFD	☆ Shavano Park FD
☆ Point Blank VFD	☆ Robstown FD	☆ Shelbyville VFD
☆ Ponder VFD	☆ Rochelle VFD	☆ Sherman FD
☆ Ponderosa VFD	☆ Rock Island VFD	☆ Sherwood Shores FD
☆ Poolville VFD	☆ Rockdale VFD	☆ Silver Creek VFD
☆ Port Arthur FD	☆ Rockport VFD	☆ Silverton VFD
☆ Port Isabel FD	☆ Rockwall VFD	☆ Sinton VFD
☆ Port Lavaca FD	☆ Rocky Branch VFD	☆ Sipe Springs VFD
☆ Port Mansfield VFD	☆ Rolling Oaks VFD	☆ Sisterdale VFD
☆ Port Neches FD	☆ Roma FD	☆ Smithville VFD

☆ Snook VFD	☆ Texarkana FD	☆ Waxahachie Rural VFD
☆ Snyder FD	☆ Texas City FD	☆ Wayside Emergency Team
☆ Socorro VFD	☆ The Woodlands VFD	☆ Weir FD
☆ Somerset FD	☆ Thomas Lake VFD	☆ Weslaco FD
☆ Somerville VFD	☆ Thompsons VFD	☆ West Carlisle VFD
☆ Sonora VFD	☆ Tierra Linda VFD	☆ West Harrison VFD
☆ Sour Lake VFD	☆ Tiki Island VFD	☆ West I-10 VFD
☆ South Brazos County FD	☆ Timbercreek Canyon VFD	☆ West Odessa VFD
☆ South Franklin VFD	☆ Timpson VFD	☆ West Orange FD
☆ South Houston FD	☆ Tioga VFD	☆ West Tawakoni FD
☆ South Montgomery County VFD	☆ Tolar VFD	☆ West University Place FD
☆ South Polk County VFD	☆ Tri-County VFD	☆ West Valley VFD
☆ South Van Zandt VFD	☆ Trinidad VFD	☆ West VFD
☆ Southern Oaks VFD	☆ Trinity VFD	☆ Westlake FD/TCESD #9
☆ Southlake FD	☆ Trophy Club VFD	☆ Westminster FD
☆ Southside Place FD	☆ Troup VFD	☆ Westshore VFD
☆ Southwest Rains VFD	☆ Troy VFD	☆ Westside VFD
☆ Spearman VFD	☆ Tyler FD	☆ Wharton VFD
☆ Spring Branch FD	☆ Union Grove VFD	☆ White Bluff VFD
☆ Spring VFD	☆ Universal City FD	☆ White Oak VFD
☆ Springtown VFD	☆ University Park FD	☆ White Tail Ridge VFD
☆ Spur VFD	☆ Val Verde County RVFD	☆ Whitesboro VFD
☆ St. Hedwig VFD	☆ Valley Mills VFD	☆ Wichita West VFD
☆ Stafford VFD	☆ Valley View FD	☆ Wild Peach VFD
☆ Stamford FD	☆ Van Zandt Midway VFD	☆ Willow Park VFD
☆ Stephenville FD	☆ Vega FD	☆ Willowfork VFD
☆ Stinnett VFD	☆ Venus VFD	☆ Wills Point FD
☆ Streetman VFD	☆ Vernon FD	☆ Wilmer FD
☆ Sugar Hill VFD	☆ Victoria FD	☆ Wimberley VFD
☆ Sugar Land FD	☆ View VFD	☆ Winchester Area VFD
☆ Sulphur Springs FD	☆ Village FD	☆ Windcrest VFD
☆ Sunnyvale FD	☆ Voca VFD	☆ Windthorst VFD
☆ Surfside Beach FD	☆ Volente VFD	☆ Wink VFD
☆ Sweet Home VFD	☆ Waco FD	☆ Winnie-Stowell VFD
☆ Taft VFD	☆ Wall VFD	☆ Winnsboro VFD
☆ Tarkington VFD	☆ Waller VFD	☆ Wolfe City VFD
☆ Teague FD	☆ Wallis FD	☆ Woodlawn VFD
☆ Telephone VFD	☆ Walnut Springs VFD	☆ Woodville VFD
☆ Telferner VFD	☆ Warren VFD	☆ Woodway DPS FS
☆ Telico FD	☆ Washburn VFD	☆ Wylie FD
☆ Temple FD	☆ Washington FD	☆ Yantis VFD
☆ Terrell FD	☆ Water Valley VFD	☆ Yoakum FD
☆ Terrell Hills FD	☆ Waxahachie FD	☆ Zapata County FD

# TEXFIRS 2003

## Five-Year Incident Comparison

	1999	2000	2001	2002	2003
<b>FIRES</b>					
Structure	20,279	21,134	21,033	20,352	22,100
Vehicle	18,900	18,440	18,118	16,747	16,760
Other Fires	<u>39,770</u>	<u>43,269</u>	<u>35,463</u>	<u>35,248</u>	<u>42,466</u>
<b>TOTAL FIRES</b>	<b>78,949</b>	<b>82,843</b>	<b>74,614</b>	<b>72,347</b>	<b>81,326</b>
<b>TOTAL FIRE LOSS</b>	<b>\$ 376,531,754</b>	<b>\$367,632,909</b>	<b>\$396,384,970</b>	<b>\$ 373,020,577</b>	<b>\$ 382,825,032</b>
<b>OVERPRESSURE RUPTURES</b>	<b>2,133</b>	<b>2,883</b>	<b>3,113</b>	<b>3,062</b>	<b>3,241</b>
<b>RESCUE/EMS CALLS</b>	<b>339,910</b>	<b>380,675</b>	<b>432,331</b>	<b>534,866</b>	<b>635,726</b>
<b>HAZARDOUS CONDITION CALLS</b>	<b>40,566</b>	<b>43,839</b>	<b>49,774</b>	<b>52,367</b>	<b>58,502</b>
<b>SERVICE CALLS</b>	<b>54,827</b>	<b>60,596</b>	<b>61,280</b>	<b>67,017</b>	<b>70,583</b>
<b>GOOD INTENT CALLS</b>	<b>88,024</b>	<b>97,278</b>	<b>97,104</b>	<b>97,074</b>	<b>105,735</b>
<b>FALSE CALLS</b>					
Malicious	12,366	12,830	13,235	12,733	13,834
Other False Calls	<u>92,775</u>	<u>102,712</u>	<u>106,621</u>	<u>106,794</u>	<u>106,936</u>
<b>TOTAL FALSE CALLS</b>	<b>105,141</b>	<b>115,542</b>	<b>119,856</b>	<b>119,527</b>	<b>120,770</b>
<b>SEVERE WEATHER AND NATURAL DISASTER</b> new category		<b>164</b>	<b>436</b>	<b>729</b>	<b>1,025</b>
<b>MUTUAL AID GIVEN</b>	<b>19,565</b>	<b>19,113</b>	<b>18,867</b>	<b>23,763</b>	<b>29,570</b>
<b>ALL OTHER CALLS</b>	<b>9,804</b>	<b>11,950</b>	<b>12,025</b>	<b>8,293</b>	<b>4,992</b>
<b>TOTAL CALLS</b>	<b>738,919</b>	<b>814,883</b>	<b>869,400</b>	<b>979,045</b>	<b>1,111,470</b>