FIRES IN TEXAS

Texas Fire Incident Reporting System

January-December 2000 Fire Statistics

State Fire Marshal's Office
Texas Department of Insurance

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Texas Department of Insurance
Jose Montemayor, Commissioner of Insurance
G. Mike Davis, State Fire Marshal
Texas Fire Incident Reporting System
P.O. Box 149221, Mail Code 112-FM, Austin, Texas 78714-9221
(512) 305-7900

FIRES IN TEXAS

This report is a summary of year 2000 fire incidents and other activities reported by fire departments to the State Fire Marshal's Office through the Texas Fire Incident Reporting System (TEXFIRS). We would like to thank all participating fire departments for all their hard work and dedication to this program. This report would not be possible without their commitment to the citizens of this state.

This is the twenty-sixth report created from data in the Texas Fire Incident Reporting System and has been published and made available to the public for the purpose of creating and expanding awareness of the fire problem.

Fire information is requested on a weekly basis by the media, the public, the fire service and the fire protection community. It is used to support legislative initiatives and to guide public fire safety education campaigns. On the local level, this data can be used to support prevention efforts and to justify strategic fire department budget elements, staffing and equipment.

The TEXFIRS system is constantly being improved and expanded to provide more thorough and accurate data on fires. Your comments and suggestions are always welcome. For information about your department participating in fire incident reporting, please contact the TEXFIRS Section of the State Fire Marshal's Office at the Texas Department of Insurance.

Fighting Fire With Facts,

G. Mike Davis, State Fire Marshal

Texas Department of Insurance
State Fire Marshal's Office – TEXFIRS, Mail Code 112-FM
333 Guadalupe • P. O. Box 149221, Austin, Texas 78714-9221
(512) 305-7900

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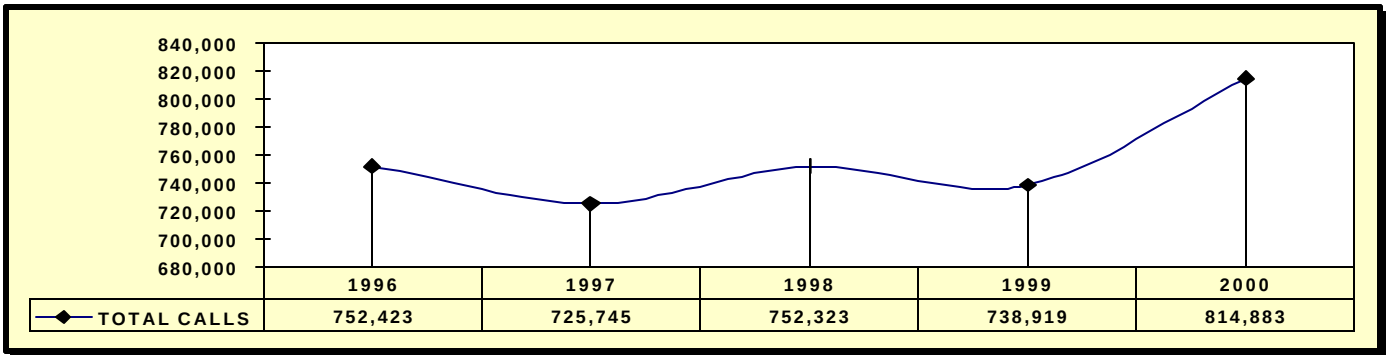
ALL INCIDENTS

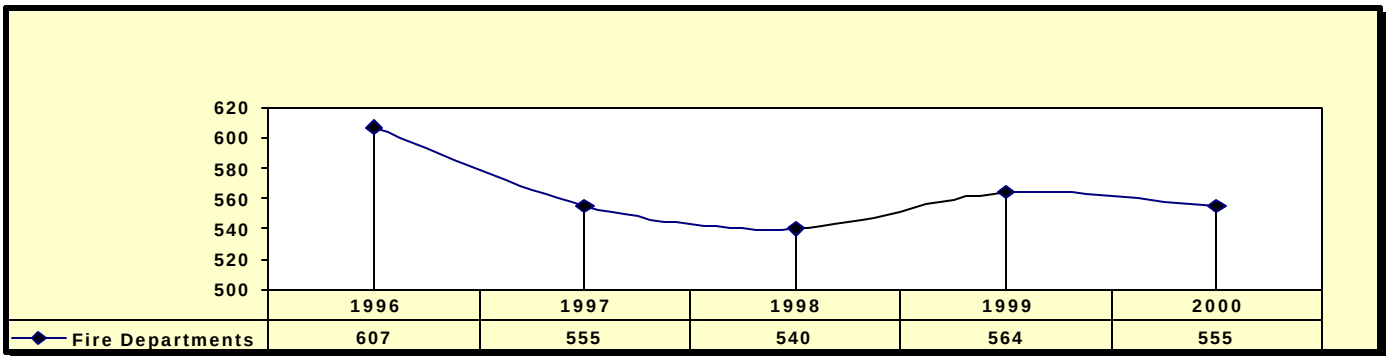
This report contains summary information from 555 fire departments for incidents during calendar year 2000, January 1 through December 31. These departments protected 14,700,046 people or approximately 70% of the state's population, according to the latest census estimates. The average population covered by a reporting department was 26,486.



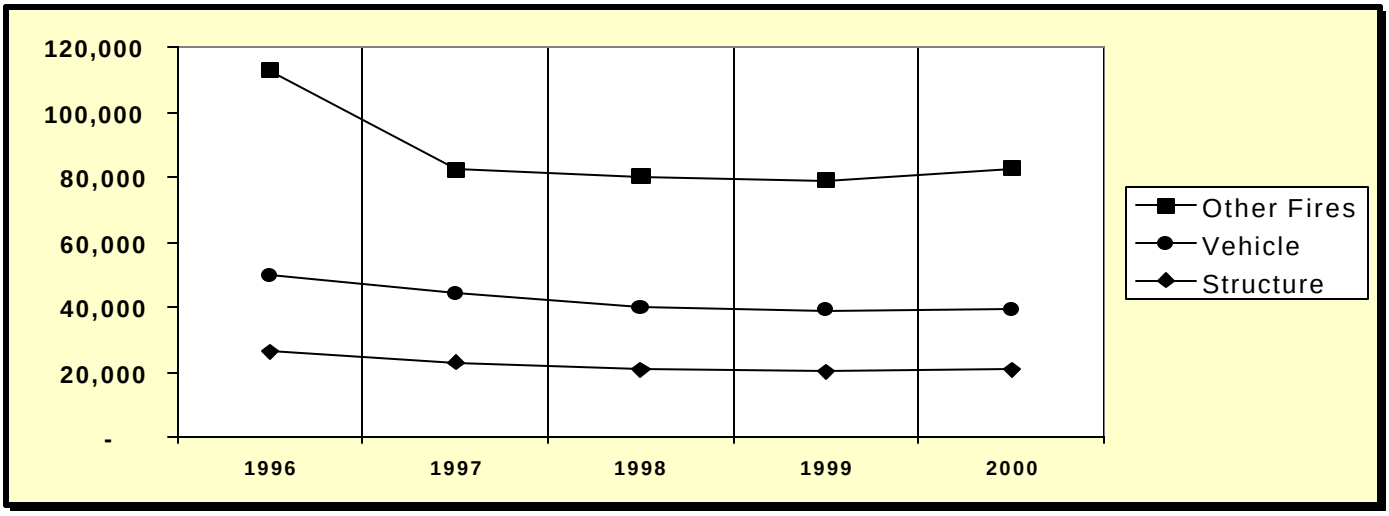
- Fire departments reported a total of **814,883 fire and non-fire incidents** during the year**,** an increase of **10%** or **75,964** incidents.
- As a result of changes in the new reporting system, total calls will now include some previously unclassified non-fire incidents in the "All Other Calls" category.

	1996	1997	1998	1999	2000
Structure	26,361	23,034	20,881	20,279	21,134
Vehicle	23,583	21,203	19,230	18,900	18,440
Other Fires	62,970	38,389	40,137	39,770	43,269
TOTAL FIRES	**112,914**	**82,626**	**80,248**	**78,949**	**82,843**

- Fire departments reported a total of **82,843 fires** for this period**,** an annual increase of **3,894** or **5%.**



- There was a slight **decrease** in fire department participation**.**



- **There were 43,269 outside or other types of fires,** an increase of **3,499** or **9%,**
- **18,440 vehicle fires,** a decrease of **460** or **–2%,**
- **and 21,134 structure fires,** an increase of **855** or **4%.**
- **There were 143 fire-related fatalities;** 140 civilian and 3 fire fighters.
- **There were 1,325 fire-related injuries;** 868 civilian and 457 fire fighters.

	1996	1997	1998	1999	2000
TOTAL DOLLAR LOSS	**$455,430,434**	**$381,742,405**	**$352,395,715**	**$376,531,754**	**$367,632,909**

- **The total dollar loss from these fires was $367,632,909.** 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.

Other Calls

	1996	1997	1998	1999	2000
Overpressure Ruptures	2,348	2,046	2,209	2,133	2,883
Rescue/EMS Calls	324,862	328,627	342,719	339,910	380,675
Hazardous Condition Calls	45,563	43,395	43,316	40,566	43,839
Service Calls	52,886	53,197	57,548	54,827	60,596
Good Intent Calls	86,708	90,023	90,155	88,024	97,278

- **There were 2,883 Overpressure Ruptures**, an increase of **35%**,
- **380,675 Rescue/EMS Calls**, an increase of **12%**,
- **43,839 Hazardous Condition Calls**, an increase of **8%**,
- **60,596 Service Calls**, an increase of **10%**,
- **97,278 Good Intent Calls**, an increase of **10%**.

False Calls	**1996**	**1997**	**1998**	**1999**	**2000**
Malicious	13,200	13,263	13,088	12,366	12,830
Other False Calls	85,259	88,771	91,008	92,775	102,712
Total False Calls	**98,459**	**102,034**	**104,096**	**105,141**	**115,542**

- **There were a total of 115,542 False Calls,** an increase of **10,401** or **9%**.

	1996	**1997**	**1998**	**1999**	**2000**
Severe Weather and Natural Disaster (new category)					164
Mutual Aid Given	20,990	15,564	22,183	19,565	19,113
All Other Calls	7,693	8,233	9,849	9,804	11,950
TOTAL CALLS	**752,423**	**725,745**	**752,323**	**738,919**	**814,883**

Overall, fire departments realized an increase in almost all types of calls.

USES OF TEXFIRS

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

Fire departments utilize this standard reporting system to allow for the uniform coding of incident information. Accurate 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.

Fire departments use vendor computer software, the federal software or paper forms to submit their incident reports. Incidents are then processed into a single state database for use in identifying trends or reviewing summary information. Texas has adopted the National Fire Incident Reporting System, NFIRS 5.0, as the TEXFIRS reporting system, without modification. This year's *FIRES IN TEXAS* is the first annual report incorporating this new system, Version 5.0. Changes in the data collected and categories utilized should be considered when previous year's data is compared or trends are reviewed.

Version 5.0 is modular in design and requires only the use of those modules necessary to describe a particular incident. Data is collected on all incidents in a basic module with additional modules employed to further profile fires, structure fires, civilian fire casualties, fire service casualties, EMS incidents, hazardous material incidents, wildland incidents, arson/juvenile fires and apparatus and personnel.

Requests for TEXFIRS summary reports are received from state lawmakers, the press, the general public, insurance companies, and fire service administrators and leaders.

TEXFIRS/NFIRS data is forwarded to the National Fire Data Center (NFDC) at the U.S. Fire Administration. 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

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. After a three-year decline, Texas realized a 23% increase in the number of fire-related deaths in 2000.

Even with a slight decrease in fire department participation, we have seen an increase in the total number of fires reported.

There were 82,843 fires reported to this office during 2000, a fire every 6 minutes. These fires resulted in 143 deaths, 1,325 injuries and $367,632,909 in property loss.

There were 21,134 fires in structures, resulting in 108 deaths, 1,071 injuries and $290,439,467 in property damage. A structure fire occurred every 25 minutes.

Most structure fires occured in residential property and were responsible for 80% of the injuries and 75% of deaths in all reported fires. A residential structure fire occurred every 34 minutes.

Most civilian deaths (41%) in residential property involved young children (age 4 and under) and the elderly (age 65 and over).

There were 12,958 incendiary/suspicious fires, resulting in 32 deaths, 169 injuries and $72,055,918 in property loss. An incendiary/suspicious fire occurred every 41 minutes.

Although we saw an 8% decrease in the number of incendiary/suspicious fires reported, we realized a 2% increase in the number of deaths resulting from these fires.

Incendiary/suspicious fires were responsible for 22% of deaths and 12% of injuries in all fire-related incidents.

Most fires occurred during the month of July.

Most fire-related casualties occurred in December.

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

There were 632 fires determined to be caused by fireworks, an annual increase of 42%.

Overview of Year 2000 Texas Fires

All Fires

In 2000, there were	82,843	fires,	143	deaths,	1,325	injuries, and	$367,632,909	in property loss.
Each month, there were	6,904	fires,	12	deaths,	110	injuries, and	$30,636,076	in property loss.
Each week, there were	1,593	fires,	3	deaths,	25	injuries, and	$7,069,864	in property loss.
Each day, there were	226	fires,	0	deaths,	4	injuries, and	$1,004,462	in property loss.
Each hour, there were	9	fires,	0	deaths,	0	injuries, and	$41,853	in property loss.
Each minute, there were	0.16	fires,	0.00	deaths,	0.00	injuries, and	$698	in property loss.

A fire occurred approximately every 6 minutes.

Structure Fires

In 2000, there were	21,134	fires,	108	deaths,	1,071	injuries, and	$290,439,467	in property loss.
Each month, there were	1,761	fires,	9	deaths,	89	injuries, and	$24,203,289	in property loss.
Each week, there were	406	fires,	2	deaths,	21	injuries, and	$5,585,374	in property loss.
Each day, there were	58	fires,	0	deaths,	3	injuries, and	$793,550	in property loss.
Each hour, there were	2	fires,	0	deaths,	0	injuries, and	$33,065	in property loss.
Each minute, there were	0.04	fires,	0.00	deaths,	0.00	injuries, and	$551	in property loss.

A fire occurred approximately every 25 minutes.

Residential Fires

In 2000, there were	15,645	fires,	103	deaths,	868	injuries, and	$205,683,586	in property loss.
Each month, there were	1,304	fires,	9	deaths,	72	injuries, and	$17,140,299	in property loss.
Each week, there were	301	fires,	2	deaths,	17	injuries, and	$3,955,454	in property loss.
Each day, there were	43	fires,	0	deaths,	2	injuries, and	$561,977	in property loss.
Each hour, there were	2	fires,	0	deaths,	0	injuries, and	$23,416	in property loss.
Each minute, there were	0.03	fires,	0.00	deaths,	0.00	injuries, and	$390	in property loss.

A fire occurred approximately every 34 minutes.

Incendiary/Suspicious Fires

In 2000, there were	12,958	fires,	32	deaths,	169	injuries, and	$72,055,918	in property loss.
Each month, there were	1,080	fires,	3	deaths,	14	injuries, and	$6,004,660	in property loss.
Each week, there were	249	fires,	1	death,	3	injuries, and	$1,385,691	in property loss.
Each day, there were	35	fires,	0	deaths,	0	injuries, and	$196,874	in property loss.
Each hour, there were	1	fires,	0	deaths,	0	injuries, and	$8,203	in property loss.
Each minute, there were	0.02	fires,	0.00	deaths,	0.00	injuries, and	$137	in property loss.

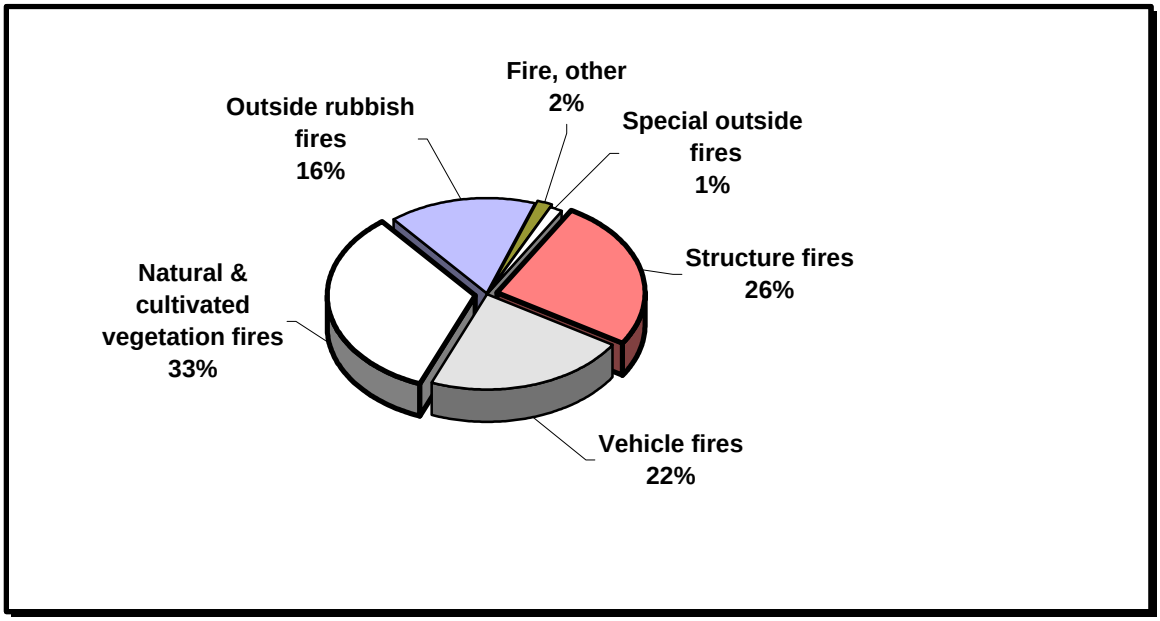
A fire occurred approximately every 41 minutes.

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	21,134	364	3	707	105	1,179	$290,439,467
Vehicle fires	18,440	27	0	70	27	124	$65,301,491
Natural & cultivated vegetation fires	27,403	48	0	30	1	79	$6,949,846
Outside rubbish fire	13,228	8	0	10	1	19	$482,201
Fire, other	1,541	8	0	31	3	42	$2,840,546
Special outside fire	1,097	2	0	20	3	25	$1,619,358
Totals	**82,843**	**457**	**3**	**868**	**140**	**1,468**	**$367,632,909**

Types of Fires by Percentage of Total



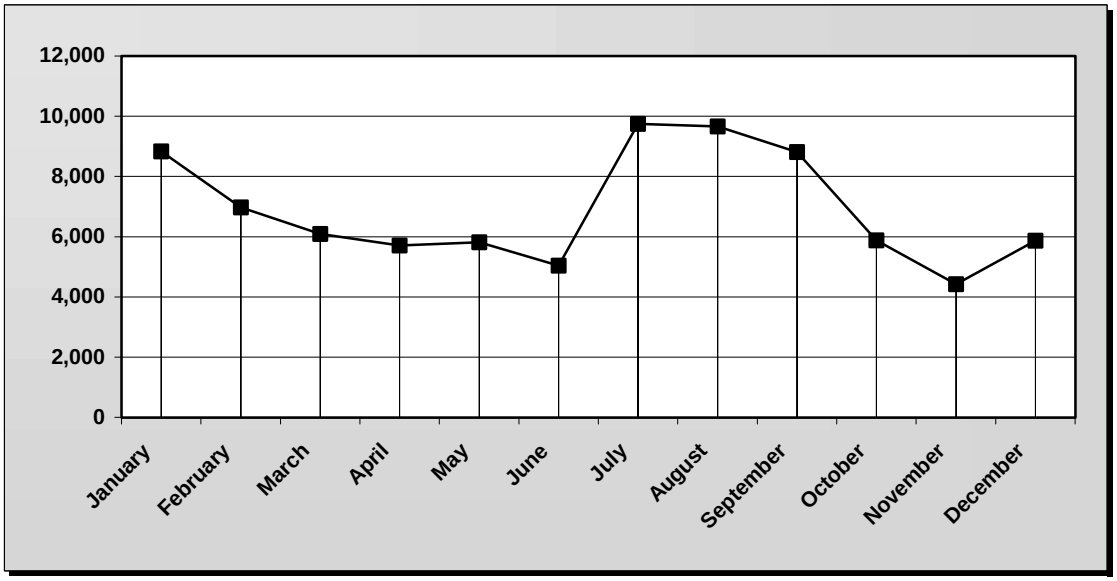
Natural and cultivated vegetation fires accounted for 33% of all types of fires, followed by structure fires, 26%

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	8,836	31	1	90	30	152	$37,319,022
February	6,972	25	2	70	17	114	$25,762,481
March	6,091	33	0	50	6	89	$27,384,945
April	5,710	18	0	70	11	99	$25,223,824
May	5,817	38	0	62	5	105	$30,001,074
June	5,038	26	0	44	12	82	$22,549,562
July	9,749	52	0	67	8	127	$39,370,101
August	9,659	51	0	71	9	131	$34,443,981
September	8,813	61	0	87	11	159	$31,691,182
October	5,873	42	0	85	6	133	$26,945,333
November	4,421	28	0	62	13	103	$26,066,602
December	5,864	52	0	110	12	174	$40,874,802
Totals	**82,843**	**457**	**3**	**868**	**140**	**1,468**	**$367,632,909**

Total Fires by Month



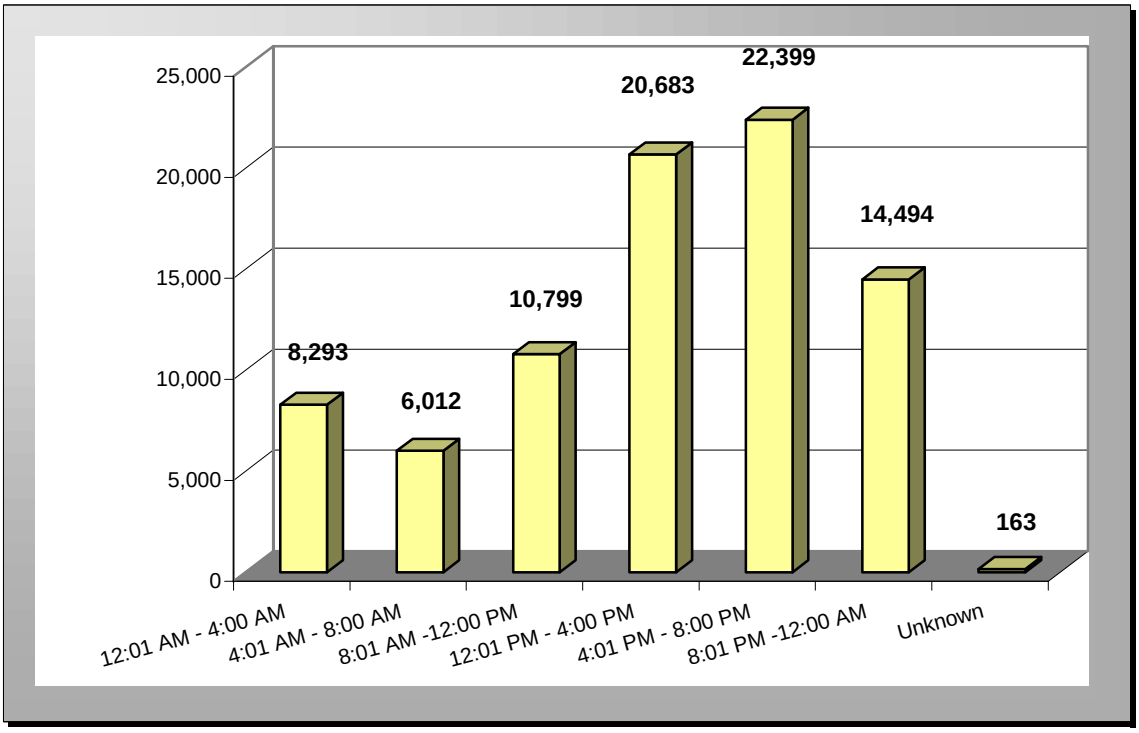
The greatest number of fires, **23%**, occurred during the months of **July** and **August**.

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	8,293	2,513	2,445	1,636	1,448	152	99
4:01 AM - 8:00 AM	6,012	2,090	1,939	916	862	118	87
8:01 AM -12:00 PM	10,799	3,252	2,548	2,982	1,575	267	175
12:01 PM - 4:00 PM	20,683	4,379	3,817	9,297	2,619	335	236
4:01 PM - 8:00 PM	22,399	5,036	4,367	8,623	3,725	373	275
8:01 PM -12:00 AM	14,494	3,825	3,305	3,869	2,979	293	223
Unknown	163	39	19	80	20	3	2
Totals	**82,843**	**21,134**	**18,440**	**27,403**	**13,228**	**1,541**	**1,097**

Time of Alarm for All Types of Fires



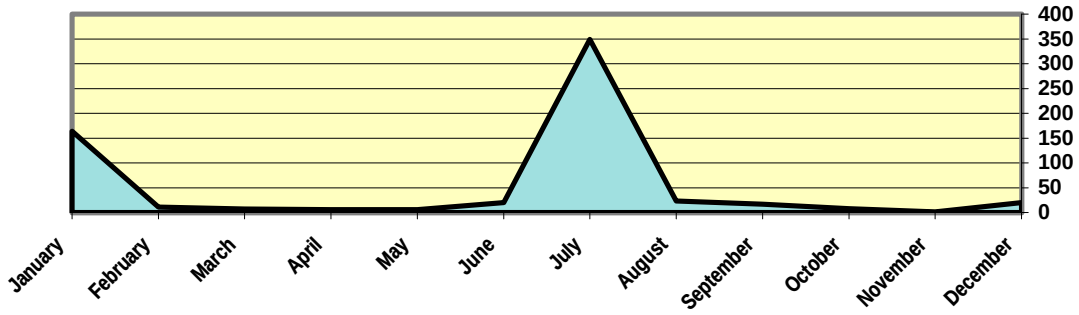
The greatest number of fires, **52%**, occurred during the hours of **noon to 8:00 PM**.

Fires Caused by Fireworks

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

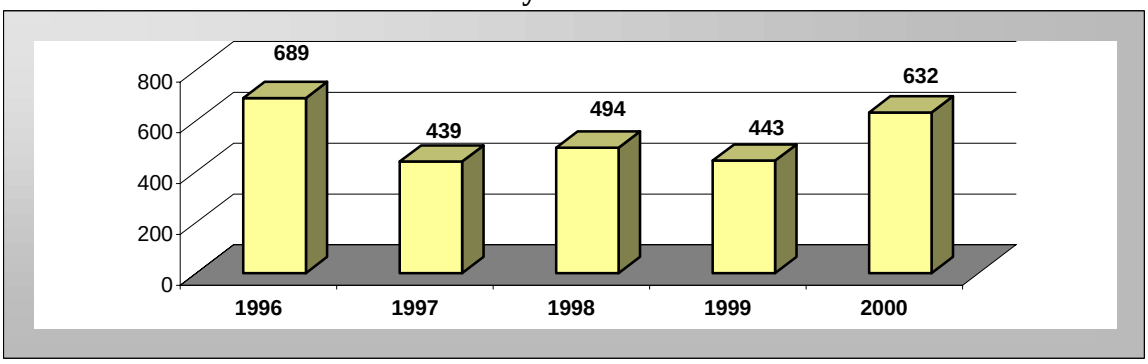
Month	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Loss
January	164	0	0	0	0	$49,159
February	11	0	0	0	0	$4,150
March	7	0	0	0	0	$17,500
April	6	0	0	0	0	$0
May	6	0	0	0	0	$15,203
June	20	0	0	0	0	$3,515
July	349	2	0	1	0	$137,512
August	23	0	0	0	0	$10,005
September	17	0	0	0	0	$360
October	8	0	0	0	0	$300
November	1	0	0	0	0	$5
December	20	0	0	1	0	$34,271
Totals	**632**	**2**	**0**	**2**	**0**	**$271,980**

Fires Caused by Fireworks by Month



Most fires caused by fireworks, **55%**, occurred during the month of **July**.

Fires Caused by Fireworks 1996-2000



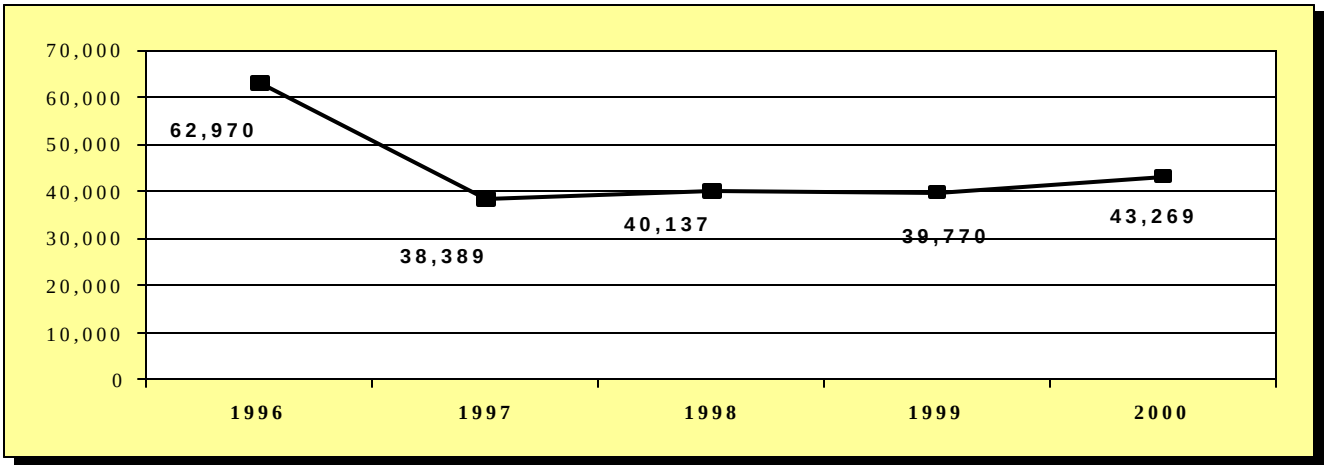
There was a **42%** increase in the number of fireworks-related fires.

Outside and Other Fires

Fire departments reported 43,269 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.

Eight civilian fatalities, 91 civilian injuries, 66 fire service injuries and property loss estimated at $11,891,951 resulted from outside and other fires.

Total Outside and Other Fires 1996 - 2000



There was an **8%** annual increase in the total number of outside and other fires.

Counties with the Greatest Number of Outside and Other Fires

County	Total	County	Total
Dallas	6,123	Lubbock	652
Harris	4,378	Webb	600
Bexar	3,449	Montgomery	593
Tarrant	2,647	Jefferson	563
El Paso	1,417	Grayson	549
Travis	1,395	Collin	536
Cameron	1,185	Orange	528
Denton	946	McLennan	524
Hidalgo	909	Bell	477
Nueces	863	Fort Bend	429

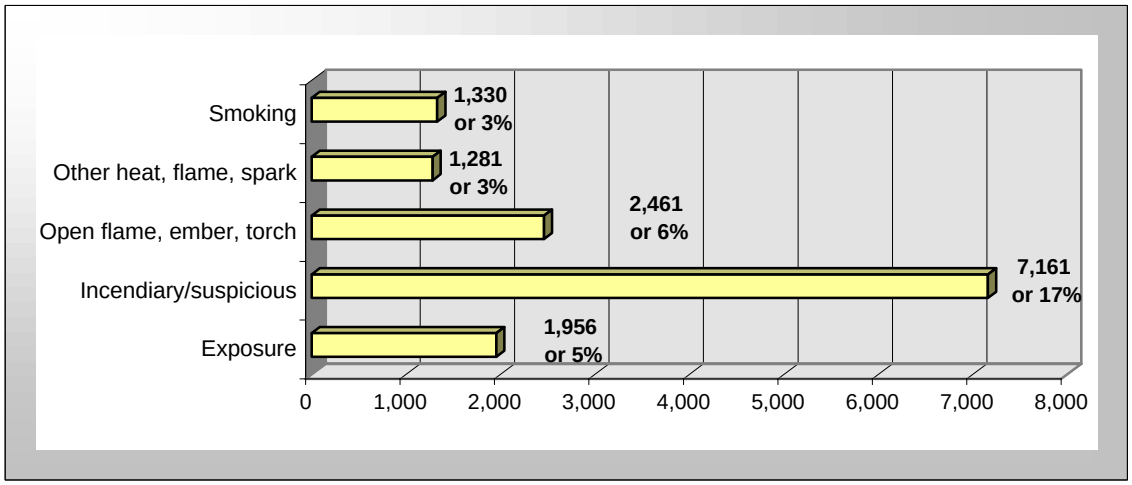
More than **53%** of all outside and other fires occurred in 10 counties.

Fire Causes 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	45	0	0	0	0	$41,735
Children playing	743	3	0	4	0	$107,307
Cooking	228	0	0	4	0	$161,165
Electrical distribution	730	4	0	2	0	$838,742
Exposure	1,956	9	0	9	0	$820,419
Heating	71	0	0	8	0	$72,730
Incendiary/suspicious	7,161	14	0	9	0	$1,650,339
Natural	1,226	3	0	2	0	$736,110
Open flame, ember, torch	2,461	11	0	7	2	$677,943
Other equipment	152	0	0	2	0	$569,191
Other heat, flame, spark	1,281	1	0	8	1	$573,667
Smoking	1,330	0	0	2	0	$297,890
Unknown	25,885	21	0	34	5	$5,344,713
Totals	**43,269**	**66**	**0**	**91**	**8**	**$11,891,951**

Most Frequently Identified Causes of Outside and Other Fires



17% of outside and other fires were identified as incendiary/suspicious and included more than **13%** of the total dollar loss in all outside and other fires.

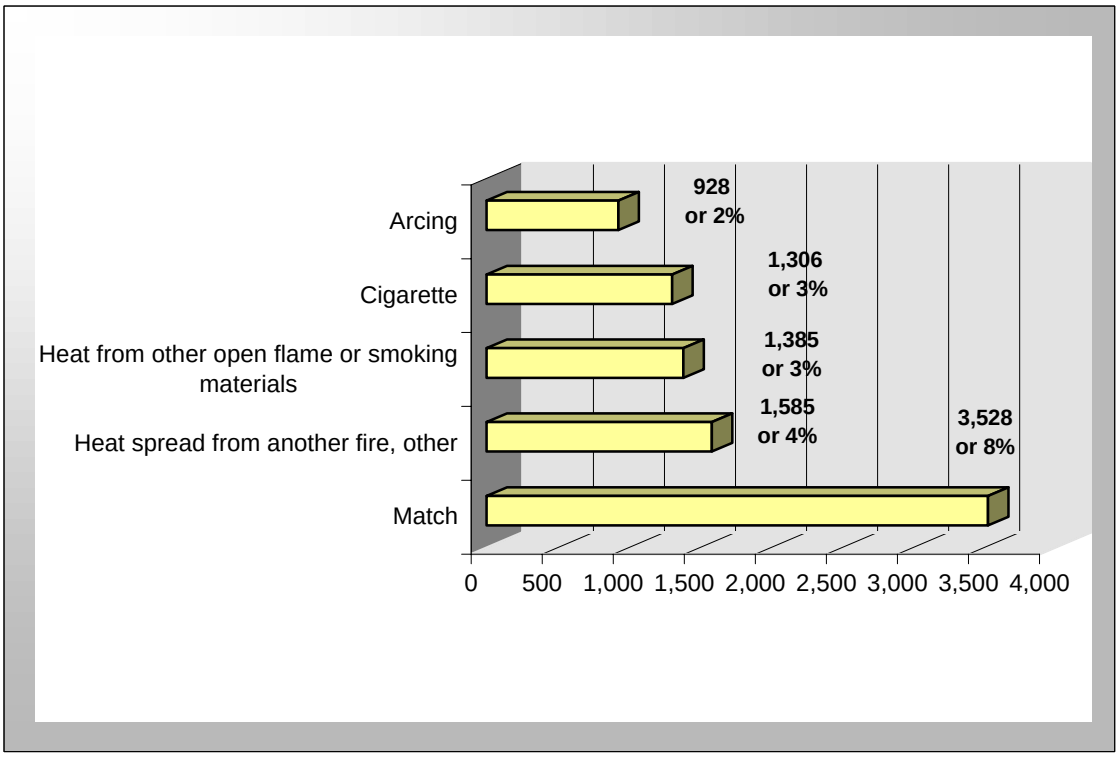
Heat Source in Outside and Other Fires

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

Heat Source	Total Fires
Undetermined	27,559
Match	3,528
Heat spread from another fire, other	1,585
materials	1,385
Cigarette	1,306
Arcing	928

Heat source was reported as undetermined in **64%** of all outside and other fires.

Heat Source Identified in Outside Fires



Matches were involved in the largest percentage, **8%**, of outside fires where a heat source was identified.

Vehicle Fires

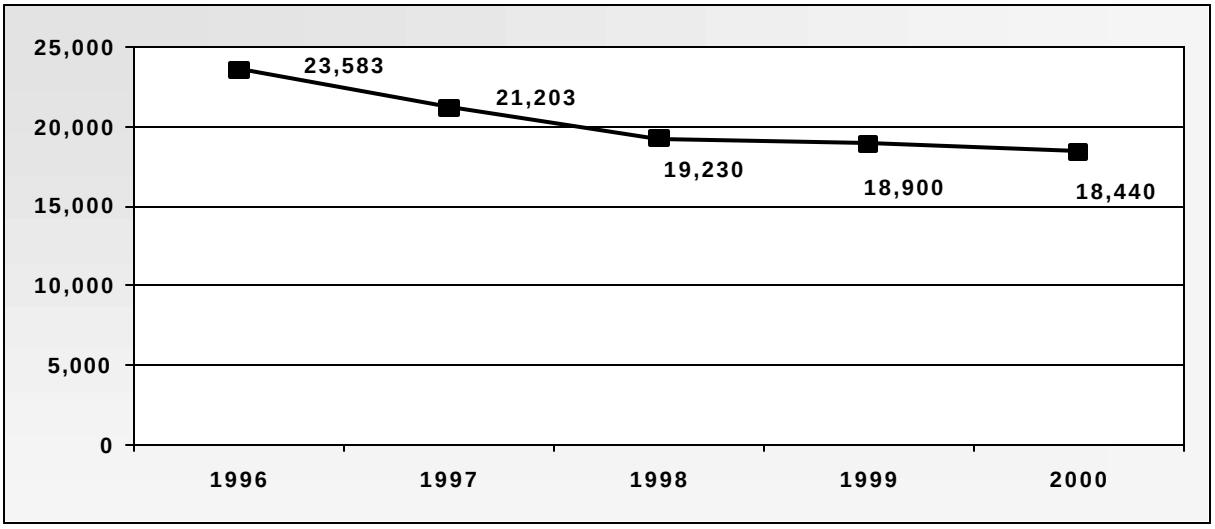
Fire departments reported 18,440 vehicle fires during this period. These fires caused an estimated $65,301,491 in property damage, 27 fire-related civilian fatalities, 70 fire-related civilian injuries and 27 fire service injuries. Fire service injuries include all injuries resulting from duty-related 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	78%
Unknown	11%
Freight road vehicles	9%
Industrial, agricultural, construction vehicles	1.1%
Water vessels	0.4%
Mobile property, miscellaneous	0.2%
Transport vehicles	0.2%
Aircraft	0.1%

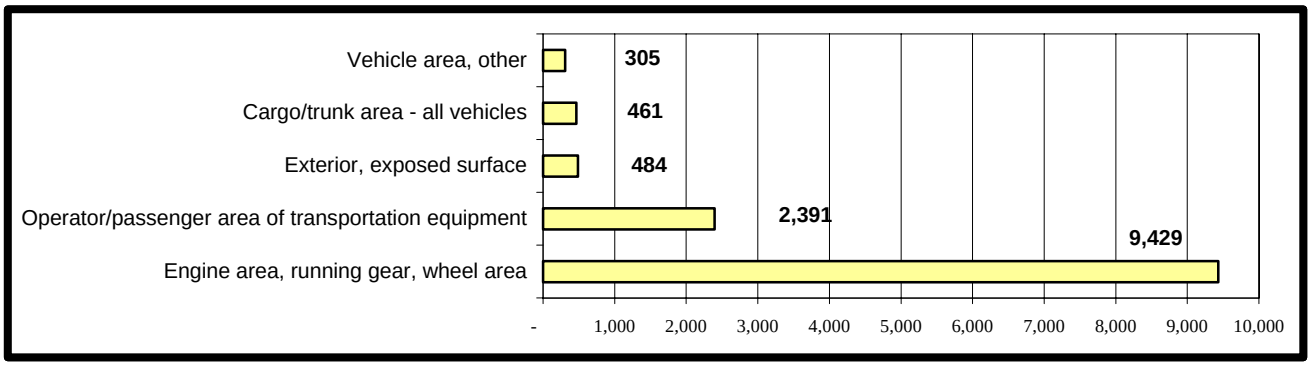
Total Vehicle Fires 1996-2000



Area of Origin in Vehicle Fires

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

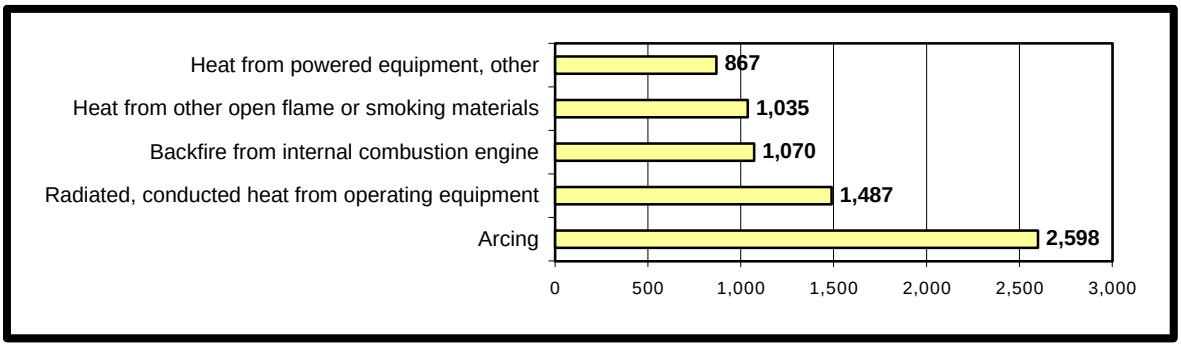
Area of Origin	Total
Engine area, running gear, wheel area	9,429
Undetermined	4,064
Operator/passenger area of transportation equipment	2,391
Exterior, exposed surface	484
Cargo/trunk area - all vehicles	461
Vehicle area, other	305



Heat Source in Vehicle Fires

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

Heat Source	Total
Undetermined	7,408
Arcing	2,598
Radiated, conducted heat from operating equipment	1,487
Backfire from internal combustion engine	1,070
Heat from other open flame or smoking materials	1,035
Heat from powered equipment, other	867



Structure Fires

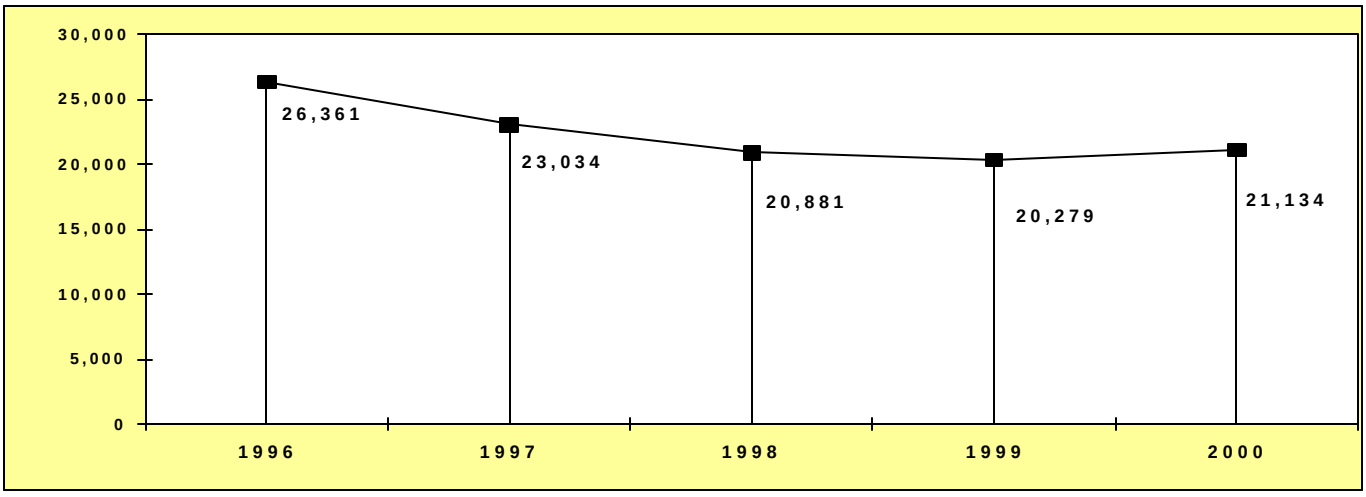
In 2000, there were 21,134 structure fires reported throughout the state. These fires resulted in 707 civilian injuries, 105 civilian deaths, 364 fire fighter injuries and 3 reported fire fighter deaths.

Total Fires, Casualties and Dollar Loss by Structure Type

Structure Type	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Dollar Loss
Residential	15,645	268	1	600	102	$205,683,586
Mercantile, business	1,153	22	0	16	0	$22,466,947
Other	1,057	16	0	2	0	$4,174,614
Storage	975	17	0	21	0	$13,396,937
Assembly	826	16	2	15	0	$23,386,645
Outside or special property	490	1	0	14	0	$1,935,206
Educational	363	2	0	7	1	$2,509,533
Manufacturing, processing	313	20	0	11	0	$14,756,102
Health care, detention & correction	218	1	0	16	1	$478,352
Industrial, utility, defense, agriculture, mining	94	1	0	5	1	$1,651,545
Totals	**21,134**	**364**	**3**	**707**	**105**	**$290,439,467**

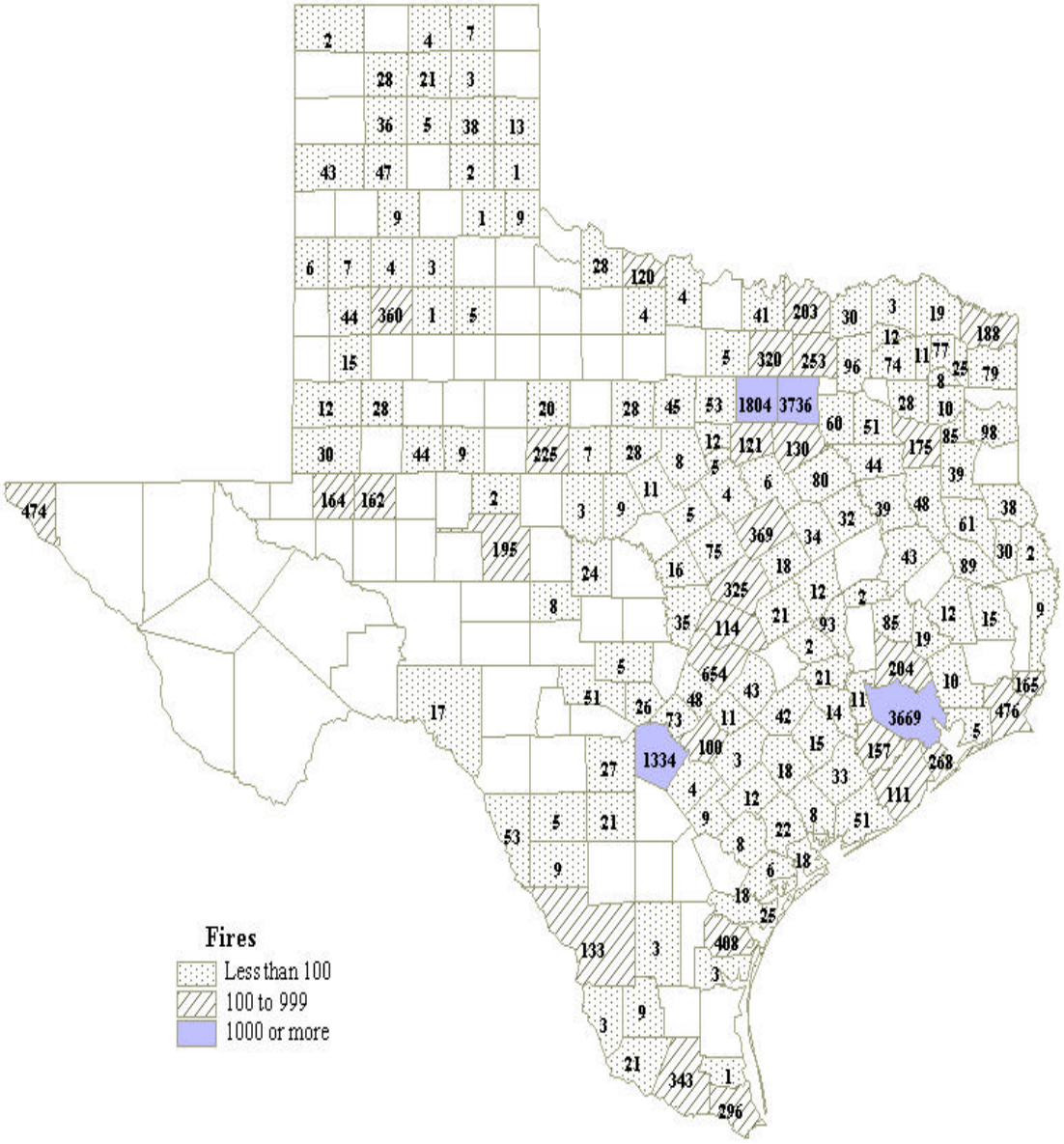
74% of all structure fires occurred in residential properties.

Total Structure Fires 1996-2000



There was a **4%** increase in the total number of structure fires.

Total Structure Fires by County



Total Structure Fires by Fire Cause

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

Fire Cause	Total Fires	FS Injuries	FF Deaths	Civilian Injuries	Civilian Deaths	Dollar Loss
Appliances, air conditioning	385	5	0	4	0	$2,920,064
Children playing	573	8	0	59	0	$7,020,603
Cooking	3,647	11	0	148	3	$15,305,413
Electrical distribution	1,992	26	0	49	7	$35,455,460
Exposure	940	11	0	27	1	$16,447,182
Heating	1,366	37	0	51	6	$17,667,771
Incendiary/suspicious	2,988	82	0	57	29	$53,368,555
Natural	422	7	1	8	0	$7,001,883
Open flame, ember, torch	1,403	19	0	54	5	$12,987,388
Other equipment	212	2	0	7	0	$4,461,723
Other heat, flame, spark	508	10	0	20	2	$9,515,793
Smoking	860	23	0	36	8	$9,598,136
Unknown	5,838	123	2	187	44	$98,689,496
Totals	**21,134**	**364**	**3**	**707**	**105**	**$290,439,467**

Counties with the Greatest Number of Structure Fires

County	Total	County	Total
Dallas	3,736	Hidalgo	343
Harris	3,669	Bell	325
Tarrant	1,804	Denton	320
Bexar	1,334	Cameron	296
Travis	654	Galveston	268
Jefferson	476	Collin	253
El Paso	474	Taylor	225
Nueces	408	Montgomery	204
McLennan	369	Grayson	203
Lubbock	360	Tom Green	195

Fire Causes in Structure Fires by General Structure Type

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

Fire Cause	Unclassified	Assembly	Educational	Health Care, Detention & Correction	Industrial, Utility, Defense, Agriculture, Mining
Appliances, air conditioning	1	25	11	16	2
Children playing	4	4	7	0	0
Cooking	24	224	28	31	1
Electrical distribution	27	142	25	14	13
Exposure	29	20	9	2	4
Heating	14	45	9	10	2
Incendiary/suspicious	182	112	173	19	8
Natural	13	15	5	7	7
Open flame, ember, torch	49	30	17	11	12
Other equipment	5	8	4	9	8
Other heat, flame, spark	15	16	7	7	5
Smoking	11	27	3	15	1
Unknown	683	158	65	77	31
Total	**1,057**	**826**	**363**	**218**	**94**

Fire Cause	Manufacturing, Processing	Mercantile, Business	Outside or Special Property	Residential	Storage
Appliances, air conditioning	3	47	2	276	2
Children playing	0	4	2	520	32
Cooking	9	76	11	3,233	10
Electrical distribution	26	196	17	1,467	65
Exposure	5	51	37	633	150
Heating	22	59	8	1,176	21
Incendiary/suspicious	14	212	106	1,968	194
Natural	13	16	3	302	41
Open flame, ember, torch	25	75	19	1,105	60
Other equipment	40	35	10	78	15
Other heat, flame, spark	25	24	7	372	30
Smoking	10	45	7	709	32
Unknown	121	313	261	3,806	323
Total	**313**	**1,153**	**490**	**15,645**	**975**

Most structure fires, **74%**, occurred in residential properties.

Cooking was identified as the leading fire cause, **17%**, in all structure fires.

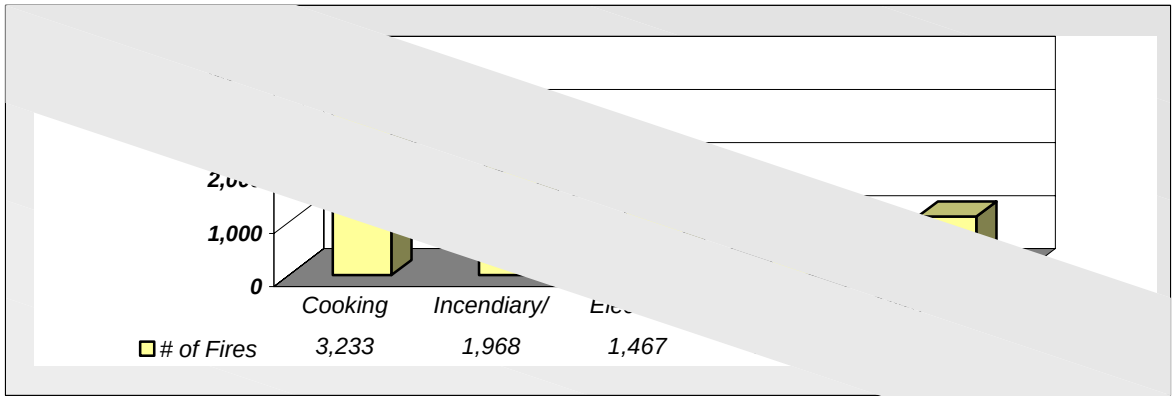
Incendiary/suspicious was the second most identified fire cause, **14%**, in all structure fires.

Fire Causes 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	Total Deaths	Total Injuries	Dollar Loss
Appliances, air conditioning	276	0	4	$2,430,440
Children playing	520	0	58	$6,906,001
Cooking	3,233	3	140	$11,586,870
Electrical distribution	1,467	7	37	$28,717,103
Exposure	633	1	6	$11,566,857
Heating	1,176	6	48	$13,119,930
Incendiary/Suspicious	1,968	27	46	$37,277,917
Natural	302	0	8	$5,171,498
Open flame, ember, torch	1,105	5	46	$10,614,347
Other equipment	78	0	0	$2,438,094
Other heat, flame, spark	372	1	17	$7,421,706
Smoking	709	8	35	$8,568,305
Unknown	3,806	44	155	$59,864,518
Totals	**15,645**	**102**	**600**	**$205,683,586**

Most Frequently Identified Fire Cause in Residential Structure Fires



Cooking was the most frequently identified cause, **20%**, in residential structure fires and involved **23%** of all injuries in residential structure fires.

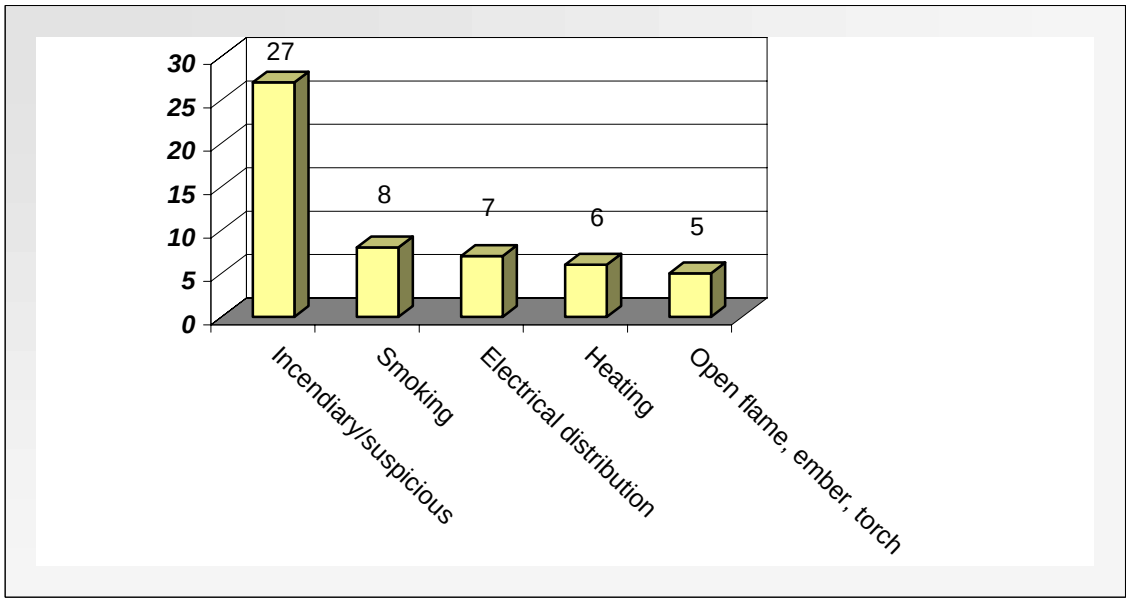
Incendiary/suspicious was the second most identified cause in structure fires and involved **26%** of all deaths occurring in residential structure fires.

Fire Causes in Fatal Residential Structure Fires

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

Fire Cause	Fires	Civilian Deaths
Cooking	2	3
Electrical distribution	5	7
Exposure	1	1
Heating	4	6
Incendiary/suspicious	19	27
Natural	0	0
Open flame, ember, torch	3	5
Other heat, flame, spark	1	1
Smoking	8	8
Unknown	36	44
Totals	**79**	**102**

Most Frequently Identified Fire Causes in Residential Structure Fires involving Fatalities



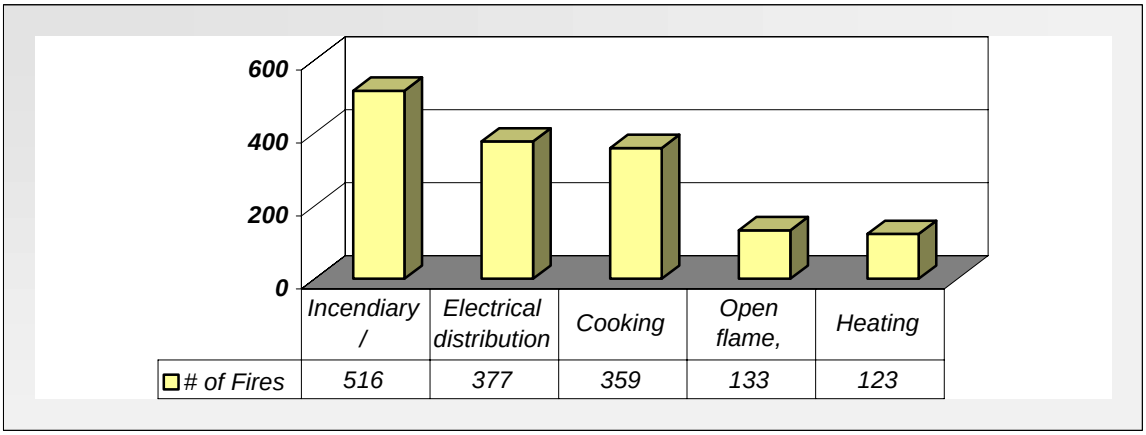
Incendiary/suspicious was the most frequently identified cause, **24%**, in fatal residential structure fires and involved **25%** of all structure fire fatalities.

Fire Causes 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.

Fire Cause	Total Fires	Total Deaths	Total Injuries	Dollar Loss	Assembly	Educational	Health Care, Detention & Correction	Mercantile, Business
Appliances, air conditioning	99	0	0	$372,924	25	11	16	47
Children playing	15	0	0	$16,370	4	7		4
Cooking	359	0	8	$2,829,176	224	28	31	76
Electrical distribution	377	0	5	$4,043,086	142	25	14	196
Exposure	82	0	3	$2,483,454	20	9	2	51
Heating	123	0	2	$4,132,341	45	9	10	59
Incendiary/ suspicious	516	1	7	$9,948,588	112	173	19	212
Natural	43	0	0	$959,385	15	5	7	16
Open flame, ember, torch	133	0	4	$1,538,303	30	17	11	75
Other	56	0	1	$244,305	8	4	9	35
Other heat, flame, spark	54	1	3	$931,455	16	7	7	24
Smoking	90	0	1	$623,051	27	3	15	45
Unknown	613	0	20	$20,719,039	158	65	77	313
Totals	**2,560**	**2**	**54**	**$48,841,477**	**826**	**363**	**218**	**1,153**

Most Frequently Identified Fire Cause in Public, Mercantile Structure Fires



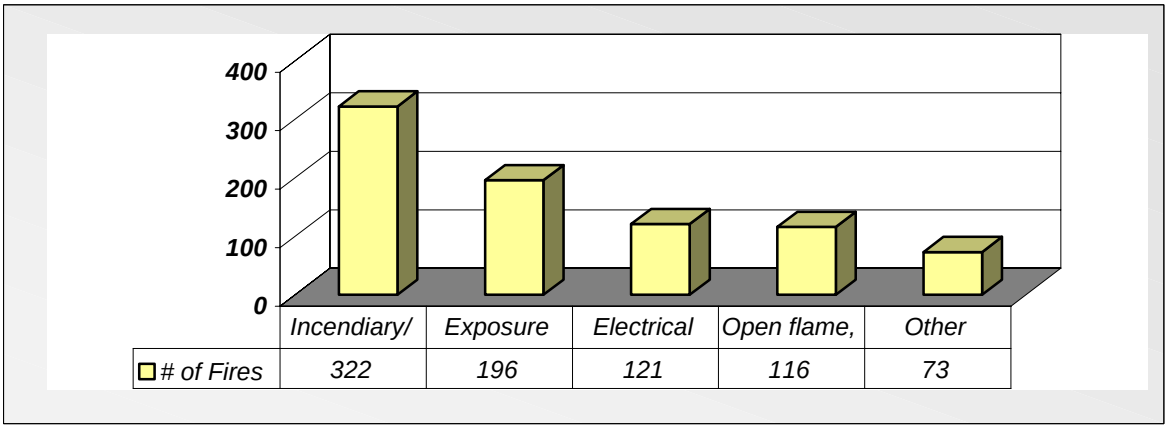
The most frequently identified cause was **Incendiary/suspicious, 20%**.

Fire Causes in Industrial Structure Fires

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

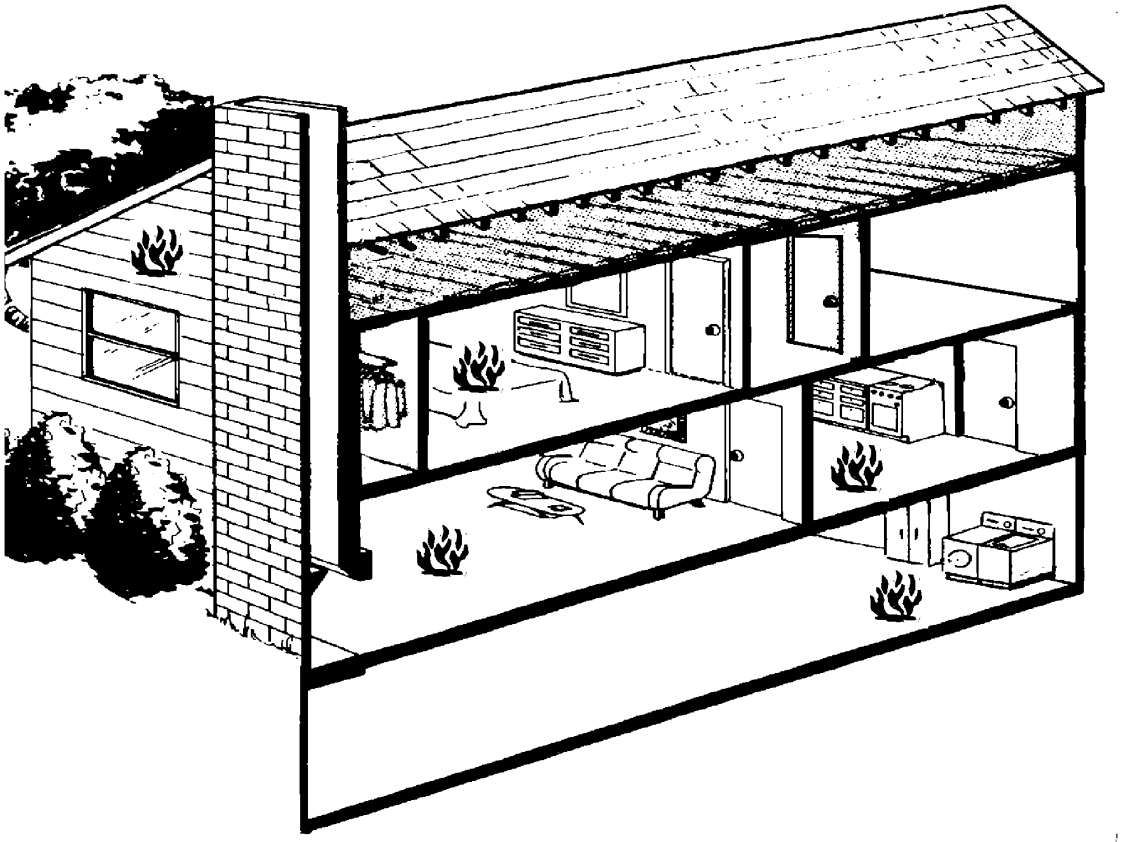
Fire Cause	Total Fires	Total Deaths	Total Injuries	Dollar Loss	Utility, Defense, Agriculture, Mining	Manufacturing, Processing	Outside or Special Property	Storage
Appliances, air conditioning	9	0	0	$116,700	2	3	2	2
Children playing	34	0	1	$65,632	0	0	2	32
Cooking	31	0	0	$878,166	1	9	11	10
Electrical distribution	121	0	7	$2,479,755	13	26	17	65
Exposure	196	0	18	$2,116,061	4	5	37	150
Heating	53	0	1	$197,600	2	22	8	21
Incendiary/suspicious	322	1	3	$4,593,557	8	14	106	194
Natural	64	0	0	$863,800	7	13	3	41
torch	116	0	3	$663,674	12	25	19	60
Other equipment	73	0	6	$1,768,774	8	40	10	15
spark	67	0	0	$1,066,597	5	25	7	30
Smoking	50	0	0	$362,260	1	10	7	32
Unknown	736	0	12	$16,567,214	31	121	261	323
Totals	**1,872**	**1**	**51**	**$31,739,790**	**94**	**313**	**490**	**975**

Most Frequently Identified Fire Cause in Industrial Structure Fires



The most frequently identified cause was **Incendiary/suspicious, 17%**.

Area of Origin in Residential Structure Fires



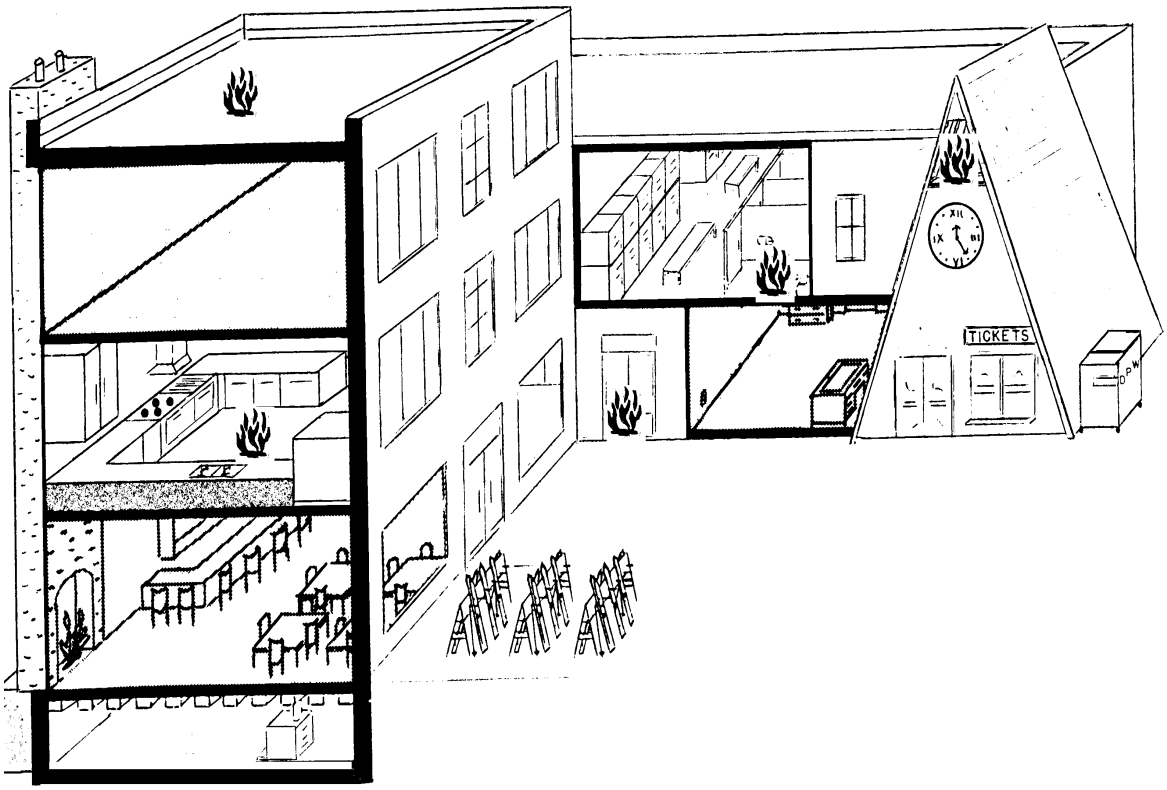
Most Frequently Identified Area of Origin in Residential Structure Fires

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 Total
Cooking area, kitchen	4,544	29%
Bedroom - < 5 persons; included are jail or prison	2,335	15%
Common room, den, family room, living room, lounge	1,013	6%
Undetermined	793	5%
Wall surface: exterior	657	4%
Laundry area, wash house (laundry)	632	4%

The **cooking area, kitchen** was the most frequently identified area of origin, **29%**, in all residential structure fires.

Area of Origin in Assembly Structure Fires



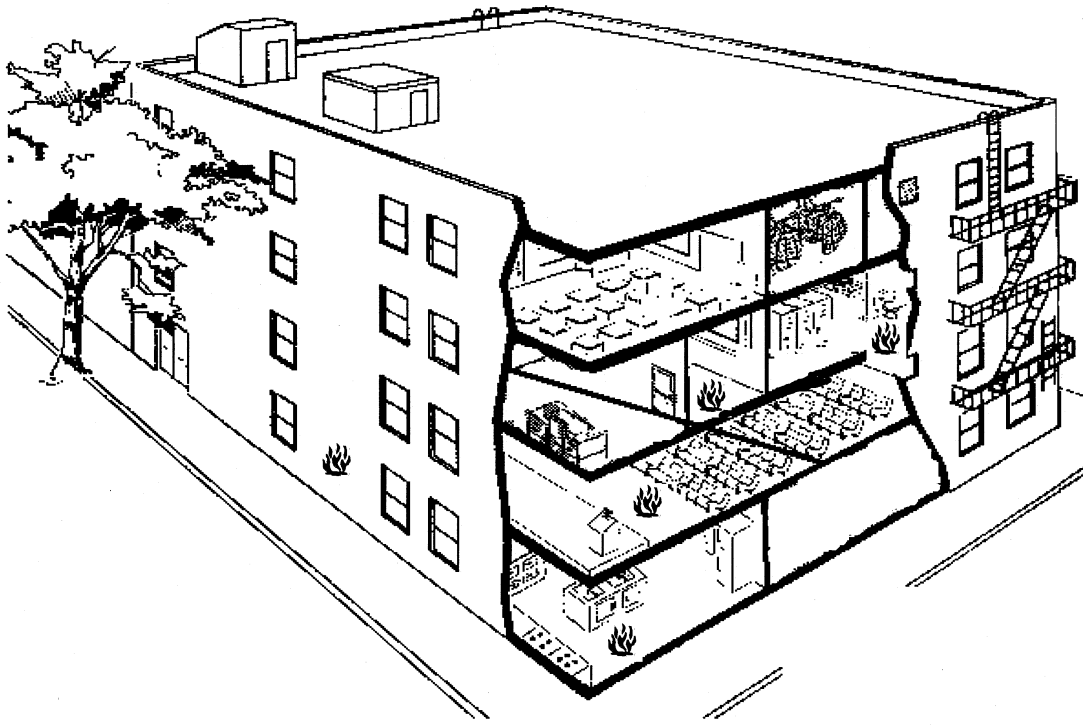
Most Frequently Identified Area of Origin in Assembly Structure Fires

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 Total
Cooking area, kitchen	308	37%
Wall surface: exterior	53	6%
Roof surface: exterior	50	6%
Attic: vacant, crawl space above top story, cupola	44	5%
Bathroom, checkroom, lavatory, locker room	31	4%
Undetermined	25	3%

The **cooking area, kitchen** was the most frequently identified area of origin, **37%**, in all assembly structure fires.

Area of Origin in Educational Structure Fires



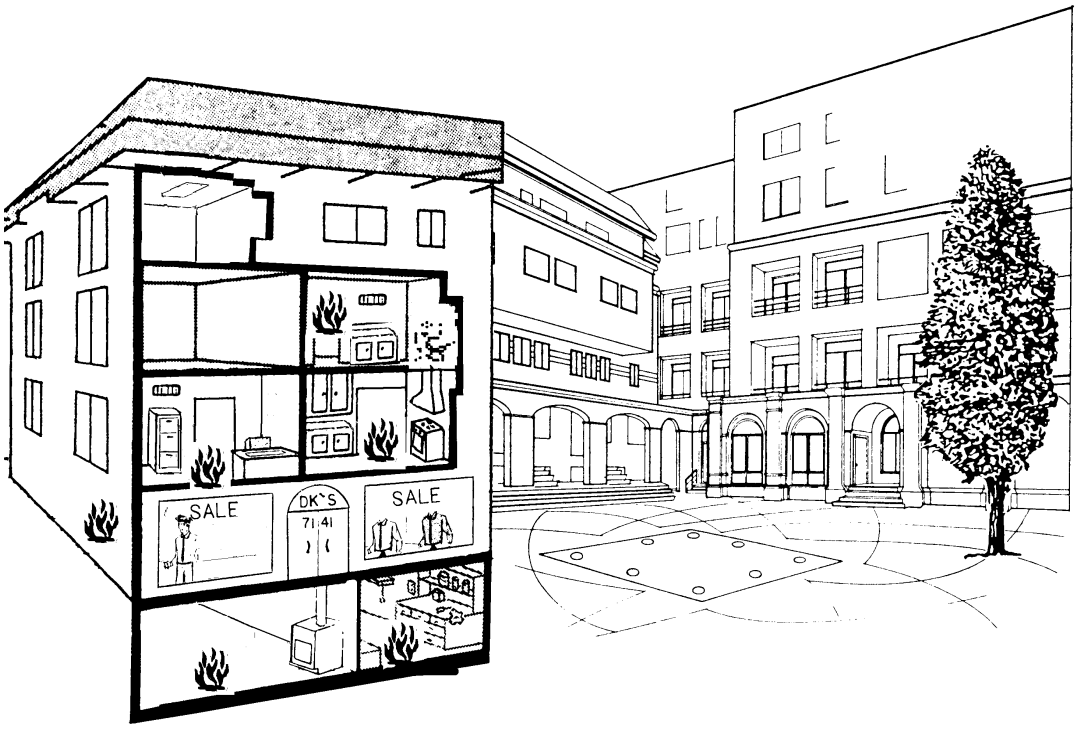
Most Frequently Identified Area of Origin in Educational Structure Fires

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 Total
Bathroom, checkroom, lavatory, locker room	86	24%
Cooking area, kitchen	28	8%
Assembly area - less than 100 persons	27	7%
Corridor, mall	23	6%
Wall surface: exterior	21	6%
Heating room or area, water heater area	12	3%

The **bathroom, checkroom, lavatory, locker room** was the most frequently identified area of origin, **23%**, in all educational structure fires.

Area of Origin in Mercantile, Business Structure Fires



Most Frequently Identified Area of Origin in Mercantile, Business Structure 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 Total
Cooking area, kitchen	100	9%
Office	78	7%
Sales area, showroom (exclude display window)	74	6%
Wall surface: exterior	61	5%
Laundry area, wash house (laundry)	60	5%
Bathroom, checkroom, lavatory, locker room	52	5%

The **cooking area, kitchen** was the most frequently identified area of origin, **8%**, in all mercantile, business structure fires.

Incendiary/Suspicious Fires

During 2000, there were 12,958 fires determined to be incendiary/suspicious. These fires accounted for 15% of all reported fires, 12% of all fire-related injuries, 22% 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.

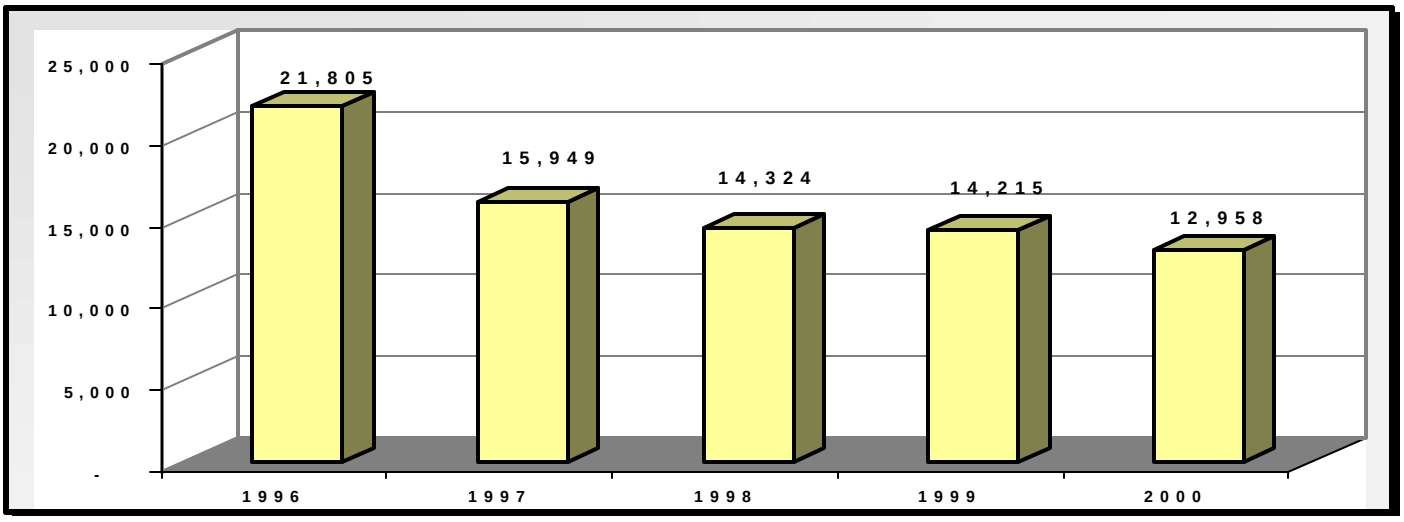
In this report, a fire set by a property owner to destroy or incinerate trash, grass, brush, or other property without value is not classified as incendiary or suspicious unless the fire was set with malicious intent.

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
1996	21,805	$135,174,118	163	285	35	0
1997	15,949	$76,146,132	111	183	35	0
1998	14,324	$81,586,776	107	118	33	0
1999	14,215	$80,713,381	101	73	25	2
2000	12,958	$72,055,918	69	100	32	0

Incendiary/Suspicious Fires 1996-2000

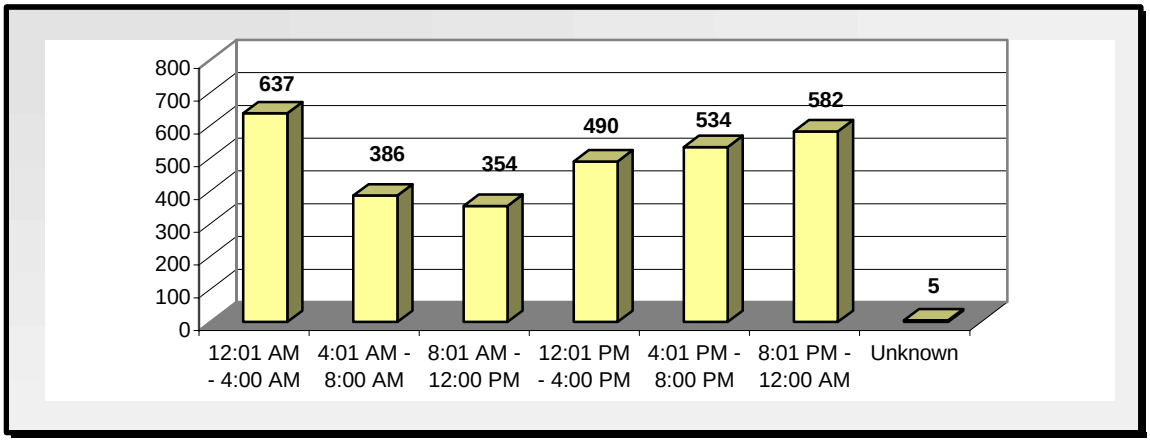


Incendiary/Suspicious Structure Fires

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

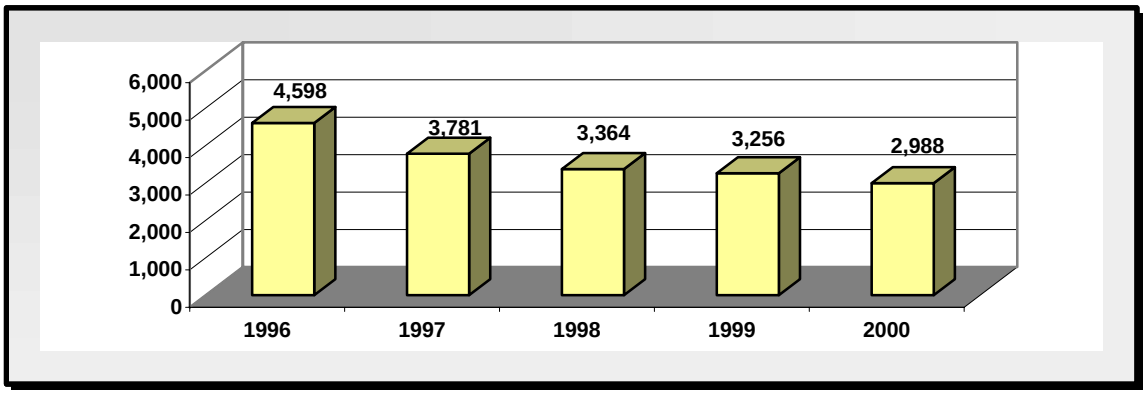
Alarm Time Interval	Total Fires	Percent	Dollar Loss	Percent	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
12:01 AM - 4:00 AM	637	21.3%	$13,704,607	25.7%	5	14	12	0
4:01 AM - 8:00 AM	386	12.9%	$7,749,553	14.5%	5	7	7	0
8:01 AM - 12:00 PM	354	11.8%	$3,294,772	6.2%	19	8	2	0
12:01 PM - 4:00 PM	490	16.4%	$9,657,934	18.1%	8	7	1	0
4:01 PM - 8:00 PM	534	17.9%	$7,471,734	14.0%	12	17	1	0
8:01 PM - 12:00 AM	582	19.5%	$10,762,155	20.2%	8	29	6	0
Unknown	5	0.2%	$727,800	1.4%	0	0	0	0
Totals	**2,988**	**100.0%**	**$53,368,555**	**100.0%**	**57**	**82**	**29**	**0**

Alarm Time Intervals for Incendiary/Suspicious Structure Fires



Most structure fires identified as incendiary/suspicious, **21%**, occurred between the hours of **midnight and 4:00 AM**.

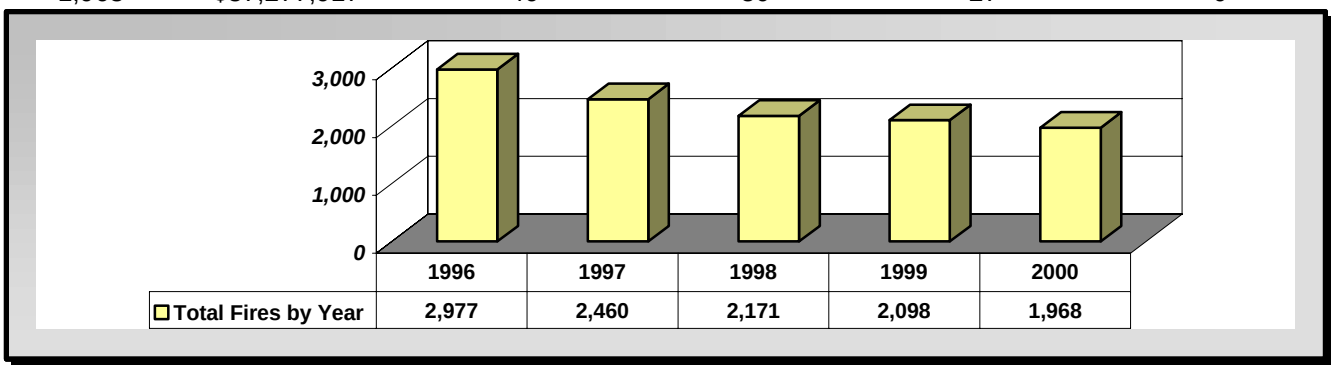
Incendiary/Suspicious Structure Fires 1996-2000



There was an **8%** decrease in the number of incendiary/suspicious fires reported for the year.
14% of all structure fires in year 2000 were identified as incendiary/suspicious.

Incendiary/Suspicious Residential Structure Fires

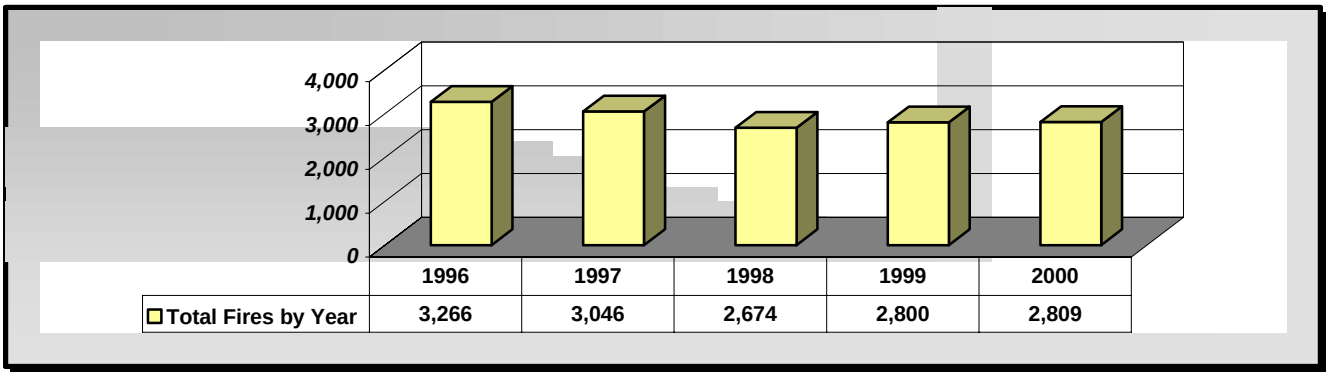
Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
1,968	$37,277,917	46	50	27	0



12% of all residential structure fires were identified as **incendiary/suspicious.**

Incendiary/Suspicious Vehicle Fires

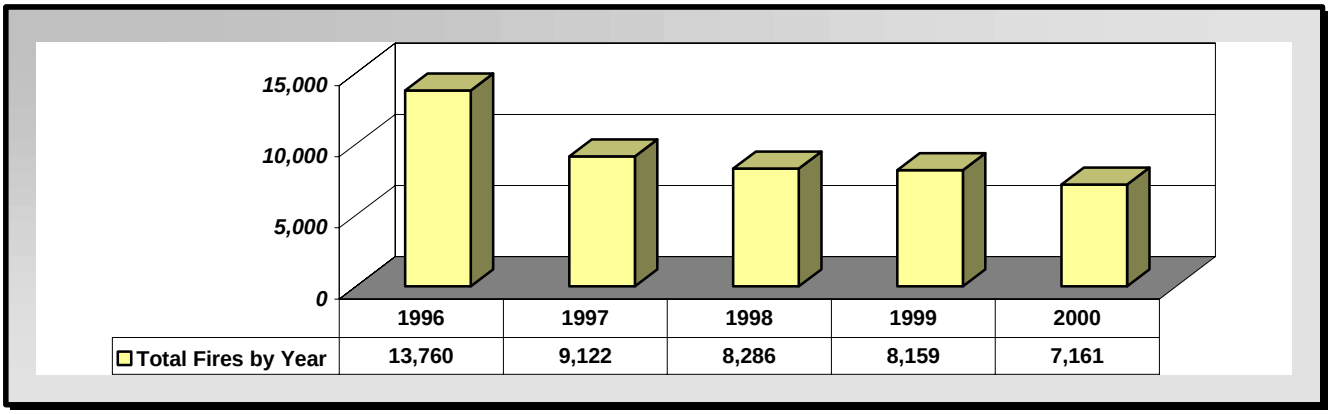
Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
2,809	$17,037,024	3	4	3	0



15% of all vehicle fires were identified as **incendiary/suspicious.**

Incendiary/Suspicious Outside & Other Fires

Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
7,161	$1,650,339	9	14	0	0



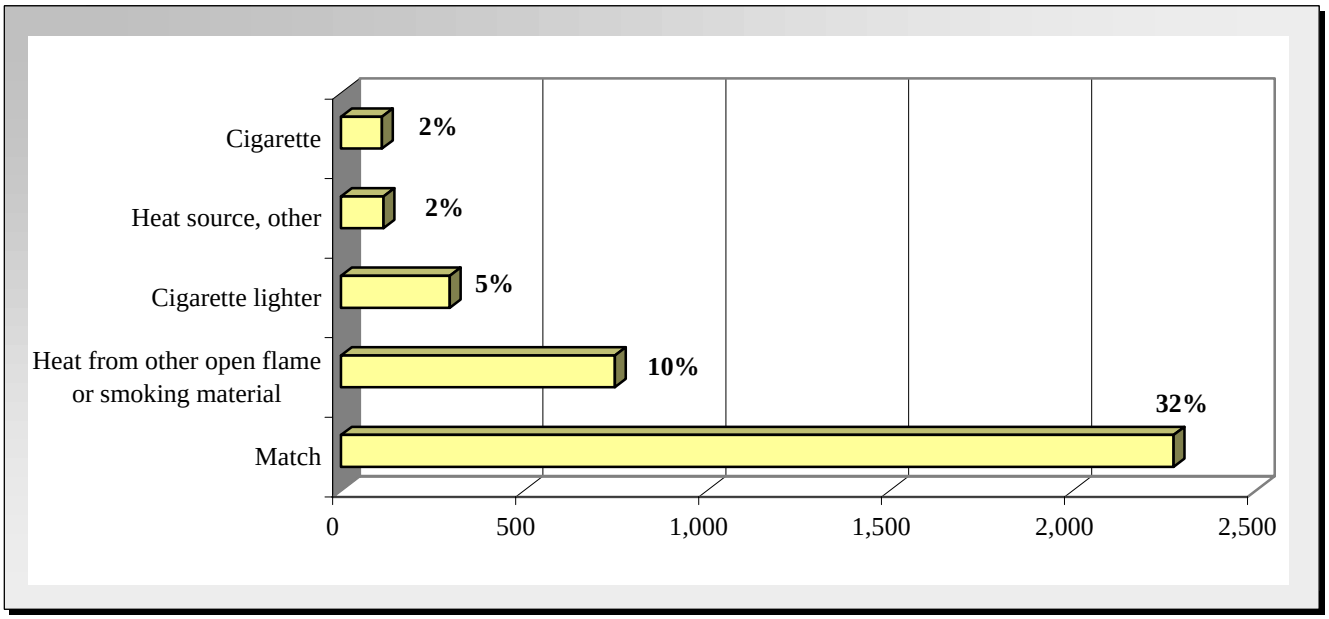
16% of all outside and other fires were identified as **incendiary/suspicious.**

Incendiary/Suspicious Outside and Other Fires

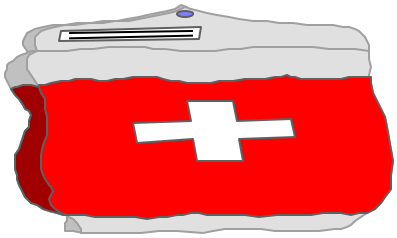
The table below shows the number of incendiary/suspicious outside and other fires by heat source.

Heat Source	Total Fires
Undetermined	2,895
Match	2,276
Heat from other open flame or smoking material	749
Cigarette lighter	298
Heat source, other	117
Cigarette	112

Heat source was reported as **undetermined** in over **40%** of all incendiary/suspicious outside and other fires.



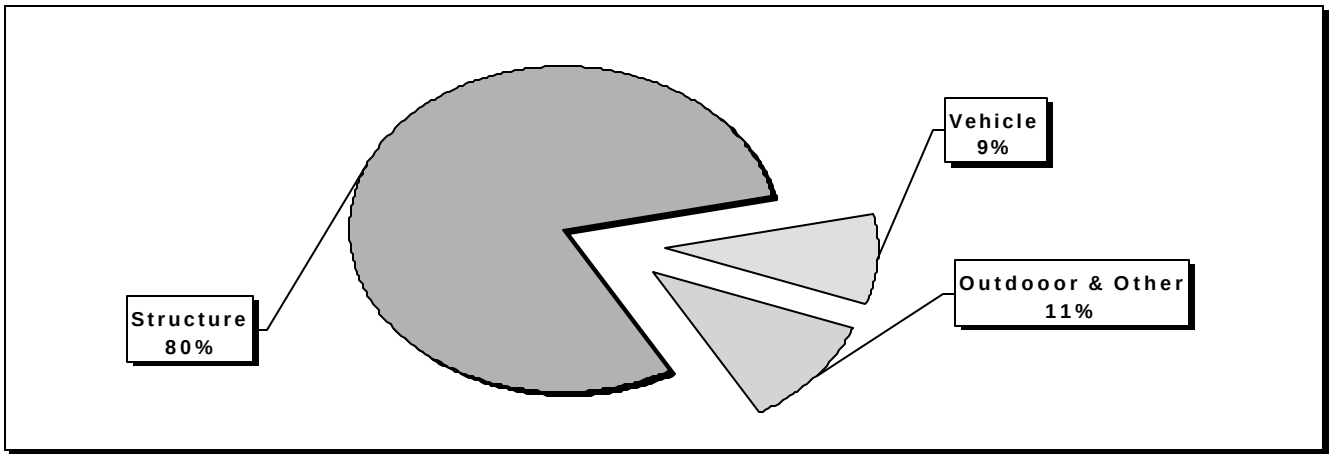
Matches were identified as the heat source in **32%** of incendiary/suspicious outside and other fires.



Casualties

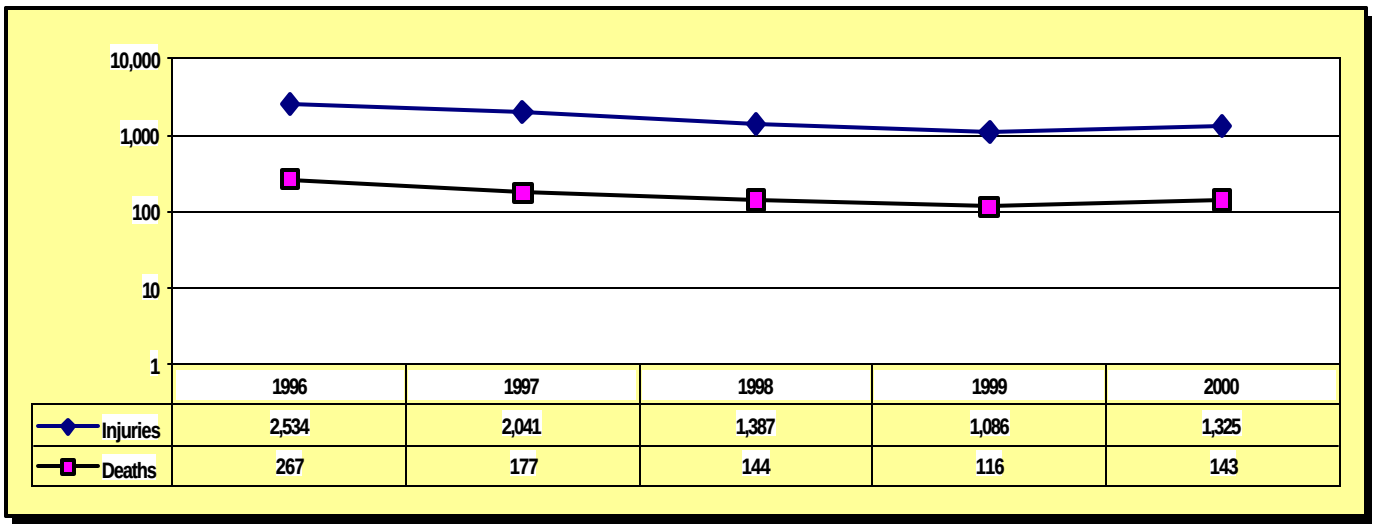
During year 2000, fire departments reported 143 deaths and 1,325 injuries in fires. This chapter provides information on the deaths and injuries suffered by civilians and fire service personnel. There were 868 fire-related civilian injuries and 140 fire-related civilian deaths.

Casualties by Type of Fire



Of all casualties, **80%** occurred in structure fires, **9%** occurred in vehicle fires, and **11%** occurred in outdoor and other fires. Of the 140 civilian fatalities, 105 (75 %) occurred in structure fires, 27 (19 %) occurred in vehicle fires and 8 (6 %) occurred in outdoor and other fires.

The following table shows the number of casualties during the years 1996-2000.



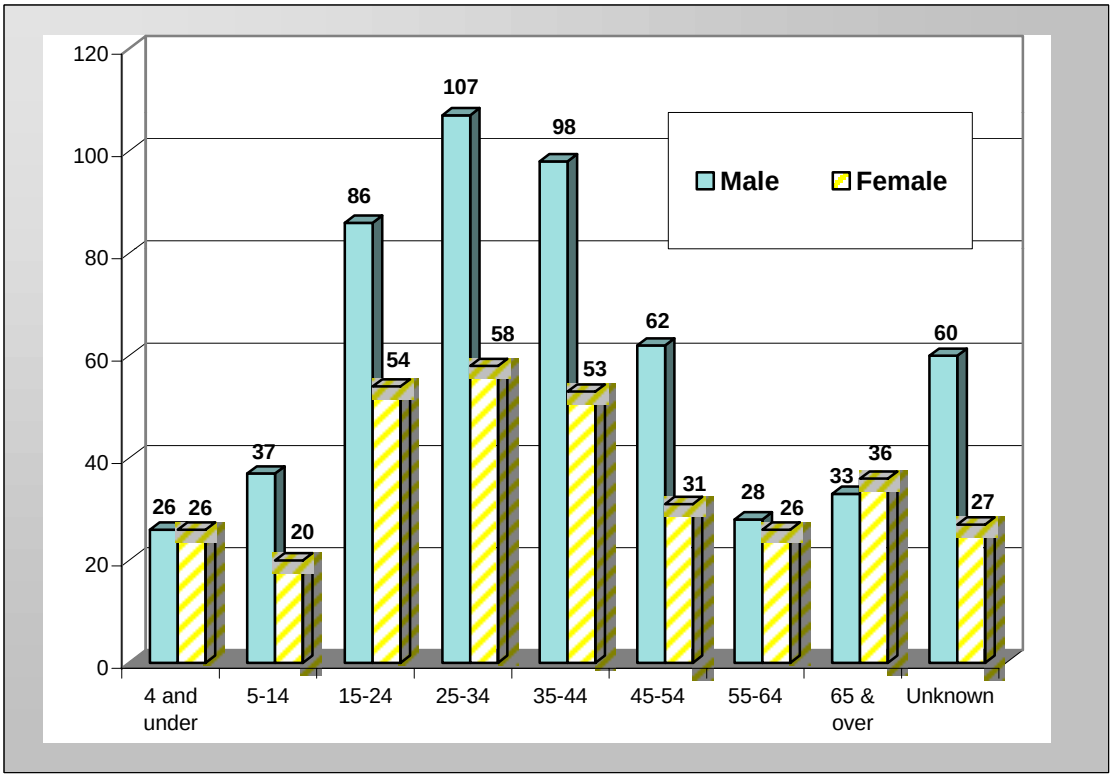
	1996	1997	1998	1999	2000
Injuries	2,534	2,041	1,387	1,086	1,325
Deaths	267	177	144	116	143

Civilian Injuries in All Fires

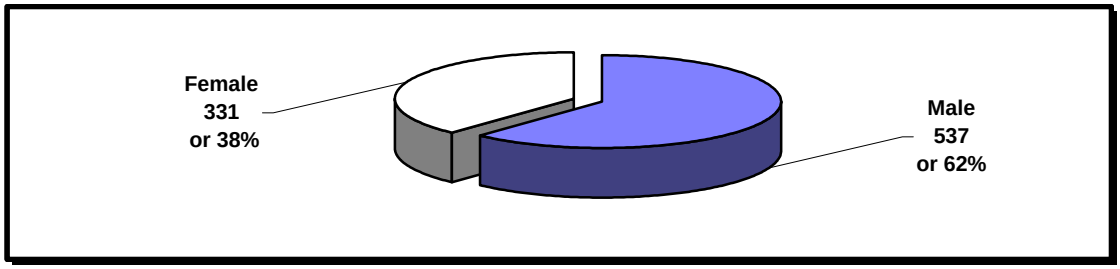
The following table shows the number of fire-related civilian injuries by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	26	37	86	107	98	62	28	33	60	**537**
Female	26	20	54	58	53	31	26	36	27	**331**
Totals	**52**	**57**	**140**	**165**	**151**	**93**	**54**	**69**	**87**	**868**

Most civilian injuries, **19%**, involved people between the ages of **25-34**.



12% of civilian injuries involved males between the ages of **25-34.**



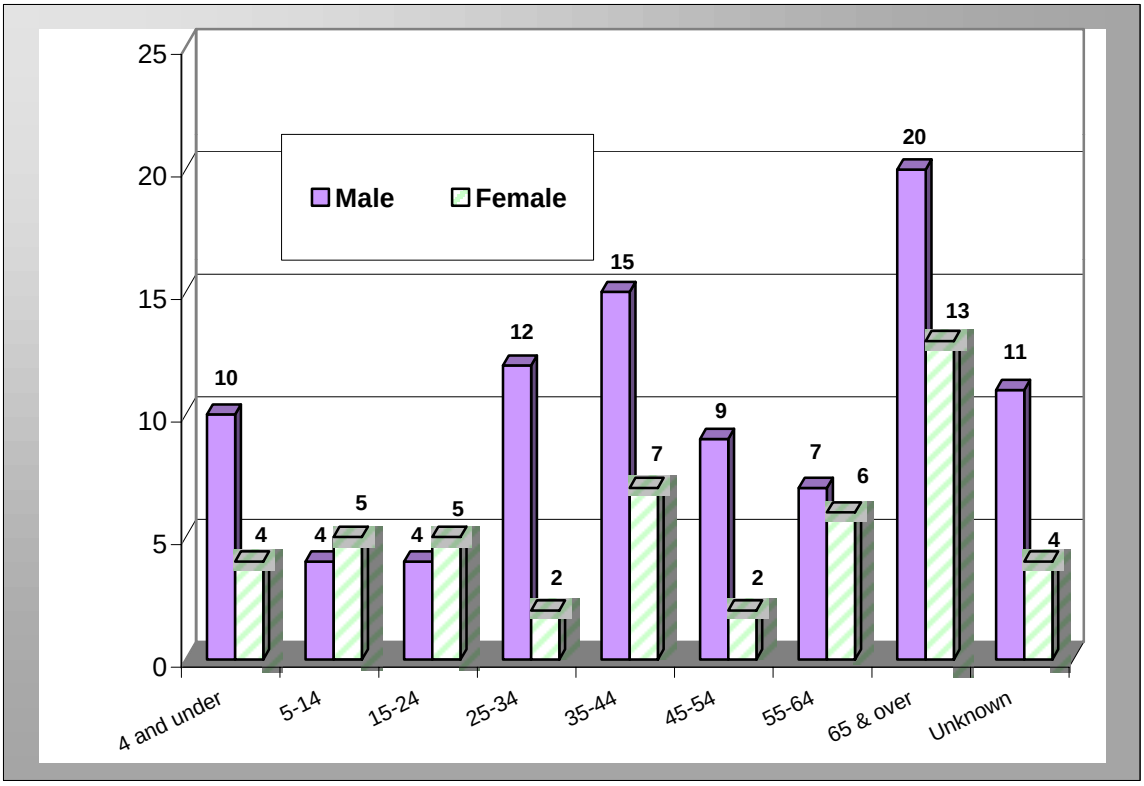
62% of civilian injuries were **male.**

Civilian Deaths in All Fires

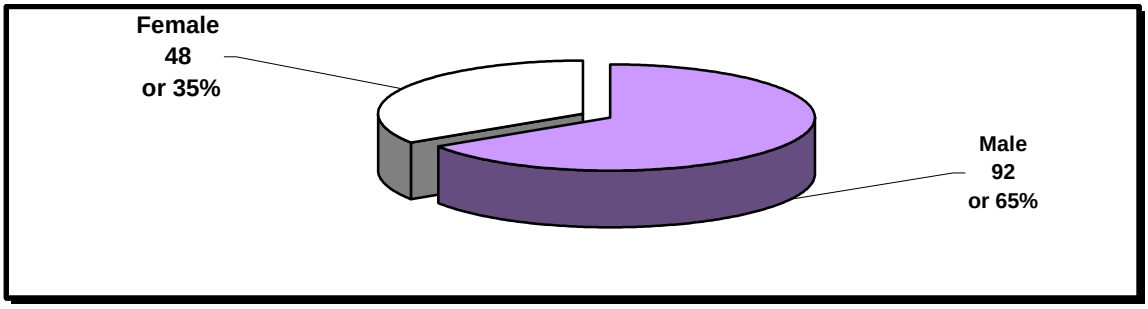
The following table shows the number fire-related civilian deaths by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	10	4	4	12	15	9	7	20	11	**92**
Female	4	5	5	2	7	2	6	13	4	**48**
Totals	**14**	**9**	**9**	**14**	**22**	**11**	**13**	**33**	**15**	**140**

Most civilian deaths, **23%**, involved people age **65 and older**.



14% of civilian deaths involved males age **65 and over.**



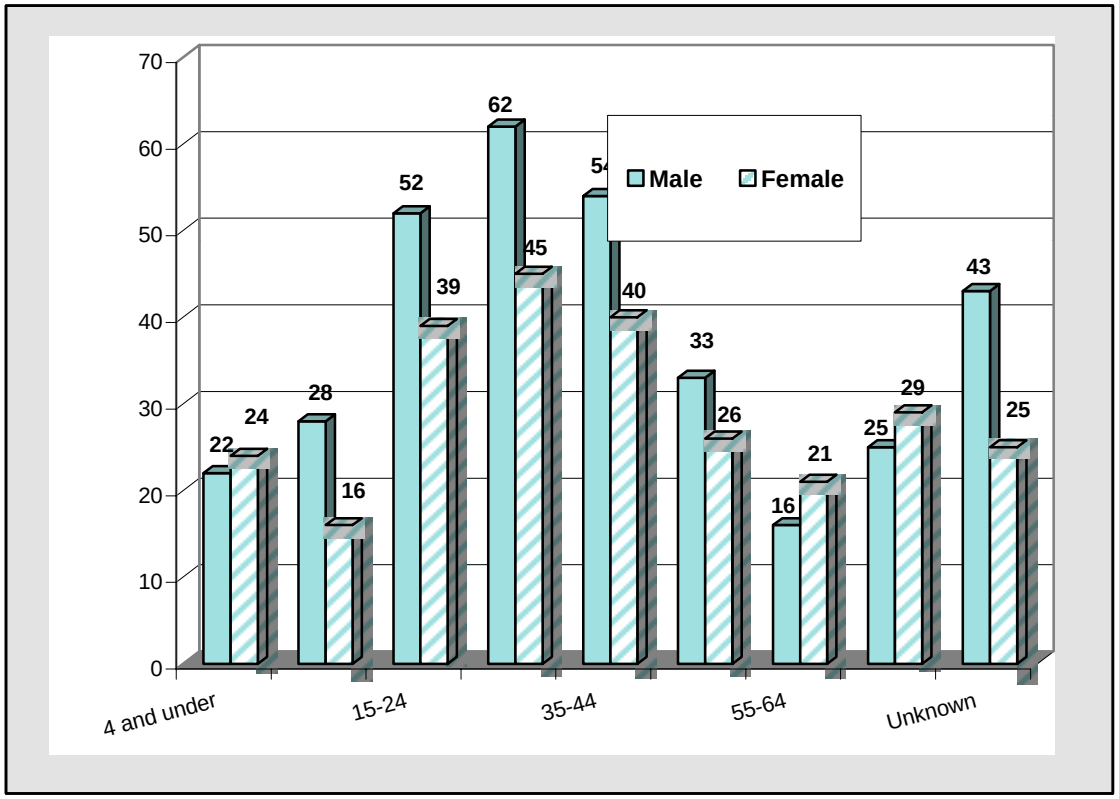
65% of civilian deaths were **male.**

Civilian Injuries in Residential Structure Fires

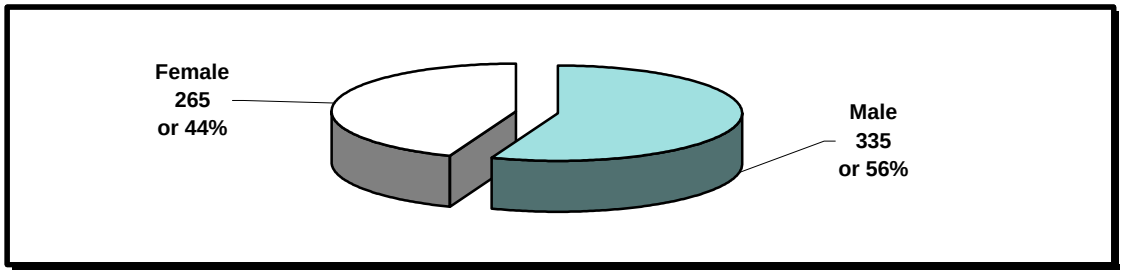
The following table shows the number of fire-related civilian injuries in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	22	28	52	62	54	33	16	25	43	**335**
Female	24	16	39	45	40	26	21	29	25	**265**
Totals	**46**	**44**	**91**	**107**	**94**	**59**	**37**	**54**	**68**	**600**

Most civilian injuries in residential structure fires, **17%**, involved people between the ages **25-34.**



10% of civilian residential structure fire injuries involved males between the ages of **25-34.**



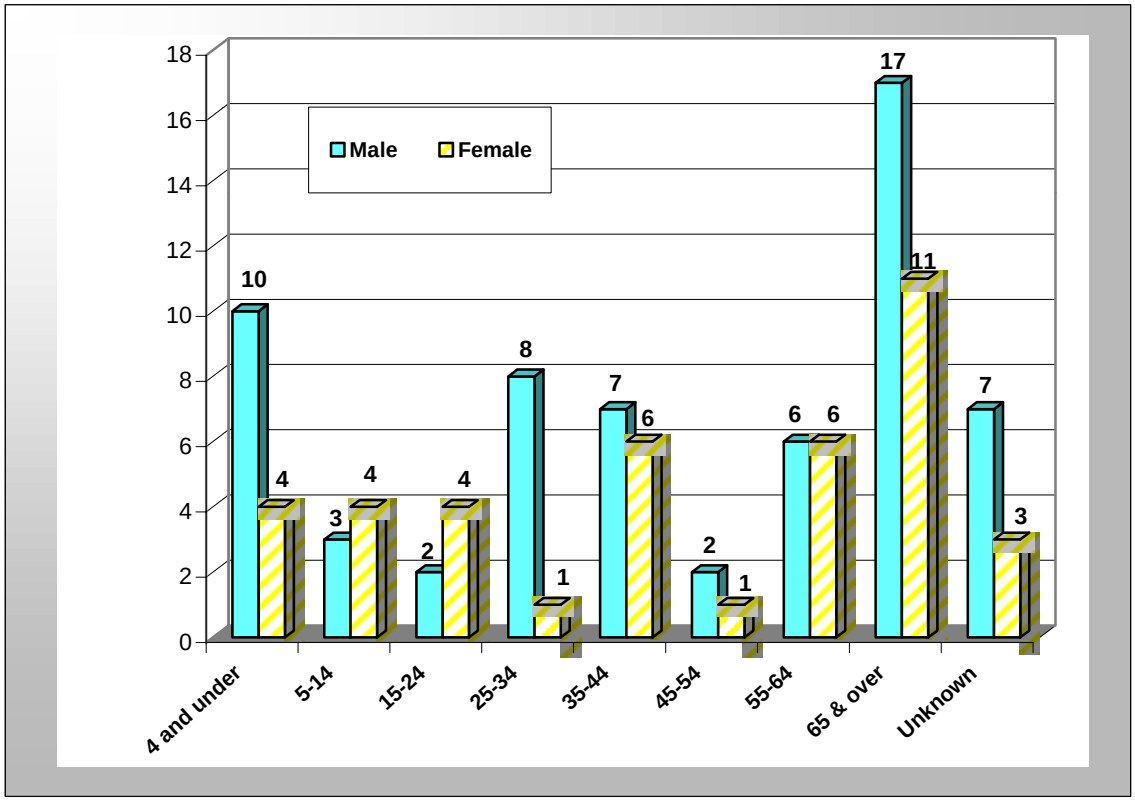
56% of all civilian residential injuries were **male.**

Civilian Deaths in Residential Structure Fires

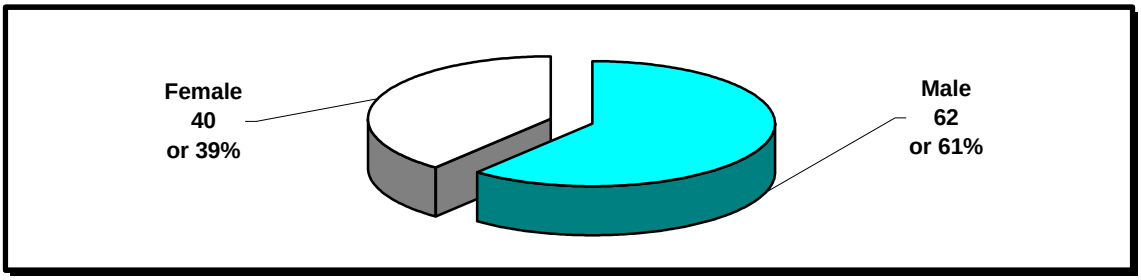
The following table shows the number of fire-related civilian deaths in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	10	3	2	8	7	2	6	17	7	**62**
Female	4	4	4	1	6	1	6	11	3	**40**
Totals	**14**	**7**	**6**	**9**	**13**	**3**	**12**	**28**	**10**	**102**

Most civilian deaths in residential structure fires, **27%**, involved people age **65 and over**.



16% of civilian residential structure fire deaths involved males age **65 and over.**

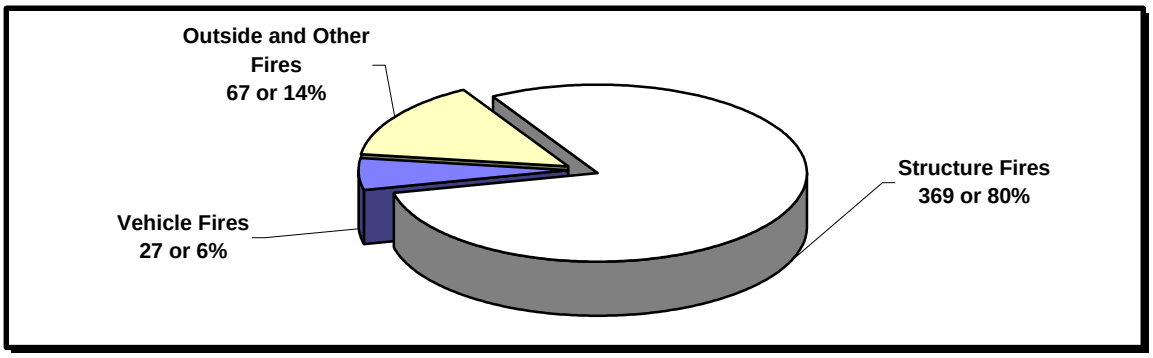


61% of all civilian residential structure fire deaths were **male.**

Fire Service Injuries by Fire Incident Type

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

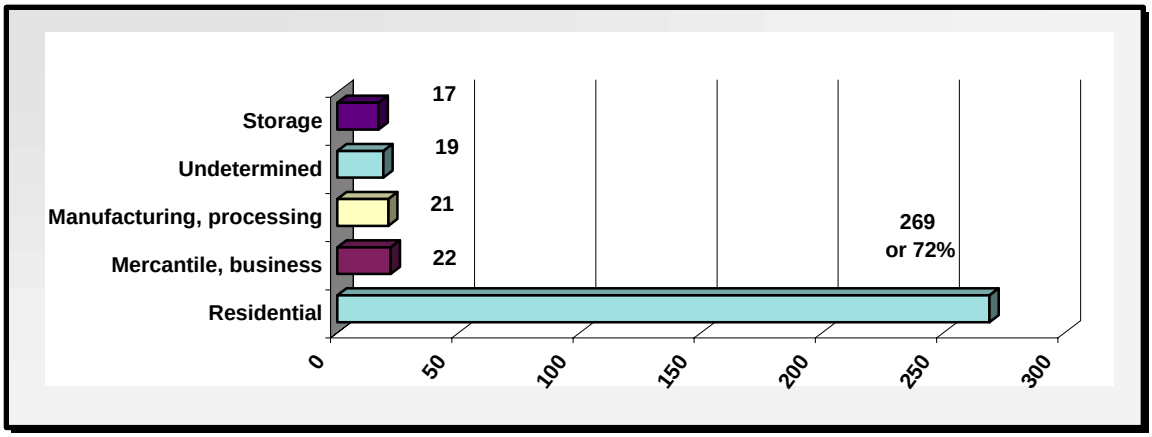
Incident Type	Injuries
Structure Fires	369
Vehicle Fires	27
Outside and Other Fires	67



Most Frequent Fire Service Injuries by Property Use in Structures

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

Property Use	Injuries
Residential	269
Mercantile, business	22
Manufacturing, processing	21
Undetermined	19
Storage	17



72% of all fire service injuries in structures occurred in residential property.

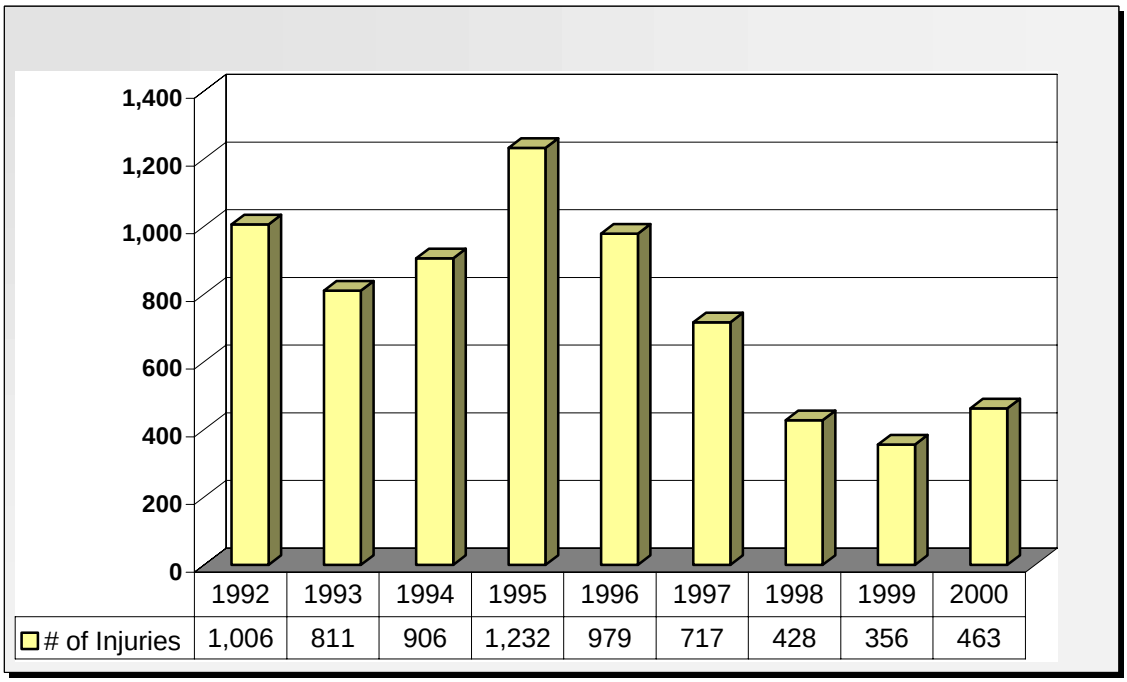
Fire Service Injuries, Deaths in All Incident Types

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

Incident Type	Deaths	Injuries
Fire	3	463
Overpressure rupture, explosion, overheat -no fire	0	1
Rescue & emergency medical service incidents	0	206
Hazardous conditions (No fire)	0	20
Service call	0	11
Good intent call	0	8
False alarm & false call	0	3
Severe weather & natural disaster	0	0
Special incident type	0	4
Totals	**3**	**716**

Fire Fighter Injuries 1991-2000

The chart below shows the number of fire-related fire service personnel injuries during the years 1991-2000.



Fires By County

County	Total Departments	Total Fires	Structure Fires	Vehicle Fires	Outside & Other Fires
ANDERSON	4	218	39	22	157
ANDREWS	1	108	30	17	61
ANGELINA	2	320	89	79	152
ARANSAS	1	153	25	25	103
ARCHER	1	12	4	1	7
AUSTIN	1	75	14	21	40
BAILEY	1	73	6	12	55
BASTROP	2	172	43	24	105
BELL	7	1,043	325	241	477
BEXAR	11	6,299	1,334	1,516	3,449
BOSQUE	2	22	4	3	15
BOWIE	6	543	188	87	268
BRAZORIA	10	575	111	126	338
BRAZOS	4	364	93	74	197
BROWN	1	51	9	4	38
BURLESON	1	19	2	2	15
BURNET	3	250	35	41	174
CALDWELL	1	42	11	3	28
CALHOUN	1	64	18	7	39
CALLAHAN	1	60	7	17	36
CAMERON	5	1,804	296	323	1,185
CAMP	1	64	8	10	46
CARSON	2	63	5	10	48
CASS	8	327	79	35	213
CHAMBERS	1	17	5	2	10
CHEROKEE	3	252	48	30	174
CHILDRESS	1	69	9	14	46
CLAY	3	21	4	3	14
COKE	1	6	2	1	3
COLEMAN	1	26	3	7	16
COLLIN	7	968	253	179	536
COLLINGSWORTH	1	27	1	7	19
COLORADO	2	58	15	4	39
COMAL	4	370	73	73	224
COMANCHE	2	67	11	6	50
COOKE	6	204	41	28	135
CORYELL	4	269	75	41	153
CROSBY	1	2	1	0	1
DALLAM	1	16	2	4	10
DALLAS	19	13,455	3,736	3,596	6,123
DAWSON	1	97	28	22	47
DEAF SMITH	1	159	43	19	97
DELTA	2	45	12	8	25

Fires By County

County	Total Departments	Total Fires	Structure Fires	Vehicle Fires	Outside & Other Fires
DENTON	16	1,560	320	294	946
DEWITT	1	77	12	11	54
DICKENS	1	30	5	0	25
DIMMIT	1	32	9	5	18
DONLEY	1	4	2	0	2
DUVAL	1	19	3	5	11
EASTLAND	3	166	28	14	124
ECTOR	1	607	164	105	338
EL PASO	4	2,522	474	631	1,417
ELLIS	10	531	130	89	312
ERATH	1	39	8	6	25
FALLS	2	51	18	14	19
FANNIN	5	112	30	13	69
FAYETTE	4	207	42	35	130
FLOYD	1	13	3	0	10
FOARD	1	3	0	1	2
FORT BEND	10	710	157	124	429
FRANKLIN	1	77	11	15	51
FREESTONE	2	157	32	26	99
FRIO	2	177	21	18	138
GAINES	1	98	12	7	79
GALVESTON	6	890	268	229	393
GILLESPIE	1	80	5	14	61
GOLIAD	1	88	8	10	70
GONZALES	2	4	3	1	0
GRAY	3	217	38	14	165
GRAYSON	8	890	203	138	549
GREGG	4	401	85	57	259
GUADALUPE	6	459	100	93	266
HALE	1	41	4	1	36
HALL	1	2	1	0	1
HAMILTON	1	19	5	4	10
HANSFORD	1	44	4	5	35
HARRIS	15	11,437	3,669	3,390	4,378
HARRISON	5	352	98	66	188
HAYS	2	190	48	51	91
HENDERSON	6	235	44	34	157
HIDALGO	6	1,781	343	434	1,004
HILL	2	42	6	5	31
HOCKLEY	1	187	44	17	126
HOOD	1	39	12	1	26
HOPKINS	3	307	74	42	191
HOUSTON	5	239	43	30	166

Fires By County

County	Total Departments	Total Fires	Structure Fires	Vehicle Fires	Outside & Other Fires
HOWARD	1	134	44	21	69
HUNT	6	339	96	60	183
HUTCHINSON	1	104	21	15	68
JACKSON	1	50	8	8	34
JEFFERSON	5	1,398	476	359	563
JIM HOGG	1	33	9	4	20
JOHNSON	8	527	121	102	304
JONES	3	55	20	8	27
KARNES	1	43	9	7	27
KAUFMAN	6	341	60	39	242
KENDALL	4	138	26	20	92
KERR	2	183	51	33	99
KLEBERG	1	22	3	1	18
LAMAR	1	24	3	2	19
LAMB	1	45	7	7	31
LAMPASAS	2	116	16	10	90
LAVACA	3	213	18	15	180
LEON	2	13	0	0	13
LIBERTY	1	40	10	5	25
LIMESTONE	3	160	34	20	106
LUBBOCK	3	1,210	360	198	652
MADISON	1	8	2	0	6
MATAGORDA	1	158	51	25	82
MAVERICK	1	364	53	52	259
MCCULLOCH	2	99	24	13	62
MCLENNAN	11	1,156	369	263	524
MEDINA	4	144	27	26	91
MENARD	1	29	8	2	19
MIDLAND	1	497	162	80	255
MILAM	2	115	21	17	77
MILLS	1	2	0	0	2
MITCHELL	1	39	9	7	23
MONTGOMERY	7	948	204	151	593
MOORE	1	133	28	12	93
MORRIS	3	92	25	12	55
NACOGDOCHES	6	280	61	49	170
NAVARRO	5	282	80	48	154
NEWTON	1	47	9	5	33
NUECES	4	1,611	408	340	863
OCHILTREE	1	51	7	5	39
ORANGE	3	804	165	111	528
PALO PINTO	2	180	45	29	106
PARKER	7	219	53	32	134

Fires By County

County	Total Departments	Total Fires	Structure Fires	Vehicle Fires	Outside & Other Fires
POLK	3	56	12	7	37
POTTER	1	249	36	27	186
RANDALL	3	214	47	22	145
RED RIVER	2	45	19	10	16
REFUGIO	2	60	6	18	36
ROBERTS	1	19	3	1	15
ROBERTSON	3	62	12	9	41
RUSK	7	285	39	37	209
SABINE	1	5	2	1	2
SAN AUGUSTINE	1	144	30	17	97
SAN JACINTO	2	65	19	6	40
SAN PATRICIO	2	117	18	11	88
SHELBY	4	158	38	20	100
SMITH	4	505	175	134	196
SOMERVELL	1	53	5	1	47
STARR	3	187	21	20	146
STEPHENS	1	136	28	13	95
SWISHER	1	62	9	11	42
TARRANT	16	5,832	1,804	1,381	2,647
TAYLOR	4	733	225	125	383
TERRY	2	76	15	12	49
TITUS	2	317	77	59	181
TOM GREEN	7	583	195	103	285
TRAVIS	4	2,784	654	735	1,395
TYLER	2	86	15	18	53
UPSHUR	3	74	10	9	55
VAL VERDE	2	116	17	23	76
VAN ZANDT	7	289	51	26	212
VICTORIA	2	184	22	2	160
WALKER	4	288	85	61	142
WALLER	1	73	11	24	38
WASHINGTON	1	75	21	20	34
WEBB	1	940	133	207	600
WHARTON	4	204	33	28	143
WHEELER	1	64	13	14	37
WICHITA	3	349	120	74	155
WILBARGER	1	157	28	24	105
WILLACY	1	23	1	2	20
WILLIAMSON	5	412	114	79	219
WILSON	4	38	4	3	31
WINKLER	1	4	0	1	3
WISE	2	13	5	0	8
WOOD	2	158	28	26	104
ZAPATA	1	49	3	9	37
ZAVALA	1	69	5	4	60
	536	**82,843**			

Participating Fire Departments

The Texas Department of Insurance would like to thank the following fire departments who submitted reports to the Texas Fire Incident Reporting System (TEXFIRS) in 2000. This report would not have been possible without their continued cooperation, effort, and support.

- ❑ Abernathy FD
- ❑ Abilene FD
- ❑ Ables Springs FD
- ❑ Addison FD
- ❑ Adell-Whitt VFD
- ❑ Alamo Springs VFD
- ❑ Allen FD
- ❑ Alvarado FD
- ❑ Alvin FD
- ❑ Amarillo FD
- ❑ Andrews VFD
- ❑ Angleton FD
- ❑ Anson FD
- ❑ Appleby FD
- ❑ Aransas Pass FD
- ❑ Argyle VFD
- ❑ Athens FD
- ❑ Atlanta FD
- ❑ Aubrey VFD
- ❑ Austin FD
- ❑ Avery VFD
- ❑ Baird VFD
- ❑ Balcones Heights FD
- ❑ Bardwell VFD
- ❑ Bastrop VFD
- ❑ Baxter VFD
- ❑ Bay City FD
- ❑ Bayside FD
- ❑ Baytown FD
- ❑ Beaumont FD
- ❑ Bellaire FD
- ❑ Bellevue FD
- ❑ Bellmead VFD
- ❑ Bells FD
- ❑ Belmont VFD
- ❑ Belton FD
- ❑ Benbrook FD
- ❑ Berryville VFD
- ❑ Bertram VFD
- ❑ Bethal Cayuga FD
- ❑ Beverly Hills FD
- ❑ Big Spring FD
- ❑ Black Jack VFD
- ❑ Bloomburg VFD
- ❑ Blooming Grove VFD
- ❑ Boerne VFD
- ❑ Bonham FD
- ❑ Bono VFD
- ❑ Borger FD
- ❑ Bracken VFD
- ❑ Brady VFD
- ❑ Branch VFD
- ❑ Brazos County Pct #4
- ❑ Breckenridge FD
- ❑ Bremond VFD
- ❑ Brenham FD
- ❑ Briar Oaks VFD
- ❑ Bridge City F&R
- ❑ Brinker VFD
- ❑ Bristol VFD
- ❑ Brookshire VFD
- ❑ Brownfield FD
- ❑ Brownsville FD
- ❑ Bryan FD
- ❑ Burkburnett VFD
- ❑ Burleson FD
- ❑ Burnet VFD
- ❑ C-5 VFD
- ❑ Callender Lake VFD
- ❑ Cameron VFD
- ❑ Canton VFD
- ❑ Canyon FD
- ❑ Canyon Lake VFD
- ❑ Carlisle VFD
- ❑ Carlsbad VFD
- ❑ Carrizo Springs VFD
- ❑ Carrollton FD
- ❑ Cash FD
- ❑ Cass County RFD #1
- ❑ Cass County RFD #2
- ❑ Castle Hills FD
- ❑ Castroville VFD
- ❑ Cedar Park FD
- ❑ Center FD
- ❑ Central Community VFD
- ❑ Chalk Bluff VFD
- ❑ Charlie-Thornberry VFD
- ❑ Childress FD
- ❑ Cisco FD
- ❑ Clarksville FD
- ❑ Clarksville-Warren FD
- ❑ Clint VFD
- ❑ Coffee City VFD
- ❑ Coldspring VFD
- ❑ Coleman FD
- ❑ College Station FD
- ❑ Colleyville FD
- ❑ Collinsville FD
- ❑ Colorado City VFD
- ❑ Comanche VFD
- ❑ Comfort VFD
- ❑ Commerce FD
- ❑ Conroe FD
- ❑ Converse VFD
- ❑ Cool & Garner FD

- ❑ Cooper VFD
- ❑ Coppell FD
- ❑ Copperas Cove FD
- ❑ Corpus Christi FD
- ❑ Corrigan VFD
- ❑ Corsicana FD
- ❑ County Road 143 VFD
- ❑ Covington FD
- ❑ Crabbs Prairie VFD
- ❑ Crafton VFD
- ❑ Crandall VFD
- ❑ Crims Chapel VFD
- ❑ Crockett VFD
- ❑ Crowell VFD
- ❑ Crowley FD
- ❑ Crystal City VFD
- ❑ Cuero FD
- ❑ Cut N Shoot VFD
- ❑ Daingerfield VFD
- ❑ Dallas FD
- ❑ Dallas FW Airport FD
- ❑ Damon VFD
- ❑ Dawson VFD
- ❑ Deanville VFD
- ❑ DeKalb VFD
- ❑ Del Rio FD
- ❑ Denison FD
- ❑ Denton FD
- ❑ Deport VFD
- ❑ DeSoto VFD
- ❑ Dickinson VFD
- ❑ Dilley VFD
- ❑ Dodd City VFD
- ❑ Double Oak FD
- ❑ Douglassville VFD
- ❑ Dumas FD
- ❑ Duncanville FD
- ❑ Eagle Creek VES
- ❑ Eagle Lake VFD
- ❑ Eagle Pass FD
- ❑ Earl's Chapel VFD
- ❑ East Bernard VFD
- ❑ East Concho VFD
- ❑ Eastland VFD
- ❑ Eastside VFD
- ❑ Ector FD
- ❑ Edgecliff Village VFD
- ❑ Edinburg FD
- ❑ Edna VFD
- ❑ El Campo FD
- ❑ El Paso FD
- ❑ Ellis County ESD #1/Maypearl
- ❑ Elm Creek Citizens Association
- ❑ Elmwood VFD
- ❑ Ennis FD
- ❑ Era FD
- ❑ Etoile VFD
- ❑ Euless FD
- ❑ Eustace VFD
- ❑ Everman FD
- ❑ Ewell VFD
- ❑ Fairchild FD
- ❑ Fairfield VFD
- ❑ Fairmount VFD
- ❑ Farmers Branch FD
- ❑ Ferris FD
- ❑ Flatonia VFD
- ❑ Flint-Gresham VFD
- ❑ Flour Bluff VFD
- ❑ Flower Mound FD
- ❑ Floydada VFD
- ❑ Forest Hill FD
- ❑ Fort Worth FD
- ❑ Fredericksburg VFD
- ❑ Freer VFD
- ❑ Fresno VFD
- ❑ Frisco VFD
- ❑ Fulshear Simonton VFD
- ❑ Gainesville FD
- ❑ Galveston FD
- ❑ Garland FD
- ❑ Garrett VFD
- ❑ Gatesville FD
- ❑ Georgetown FD
- ❑ Geronimo VFD
- ❑ Gholson VFD
- ❑ Gladewater FD
- ❑ Glenn Heights FD
- ❑ Godley FD
- ❑ Goliad VFD
- ❑ Gonzales FD
- ❑ Grand Prairie FD
- ❑ Grand Saline VFD
- ❑ Grape Creek VFD
- ❑ Grapeland VFD
- ❑ Grapevine FD
- ❑ Gray FD
- ❑ Greenville FD
- ❑ Gregg County Airport VFD
- ❑ Groesbeck FD
- ❑ Groves VFD
- ❑ Hallettsville VFD
- ❑ Hallsville FD
- ❑ Haltom City FD
- ❑ Harker Heights FD
- ❑ Harlingen FD
- ❑ Harmony VFD
- ❑ Harrison County RFPD #2
- ❑ Hawley VFD
- ❑ Hearne FD
- ❑ Henderson FD
- ❑ Hereford FD
- ❑ Hico VFD
- ❑ Hidalgo VFD
- ❑ Highland Park DPS
- ❑ Highland Village FD
- ❑ Highlands VFD
- ❑ Hilltop Lakes VFD
- ❑ Holiday Beach FD
- ❑ Holiday Lakes VFD
- ❑ Hondo VFD
- ❑ Hooks VFD
- ❑ Hoover VFD
- ❑ Hopkins County F&R
- ❑ Houston FD
- ❑ Howard Wick VFD
- ❑ Howe FD
- ❑ Hughes Springs VFD
- ❑ Humble FD
- ❑ Huntsville FD
- ❑ Hurst FD
- ❑ Hutto VFD
- ❑ Idalou VFD
- ❑ Indian Springs FD
- ❑ Ingleside VFD
- ❑ Ingram VFD
- ❑ Iredell VFD
- ❑ Irving FD
- ❑ Italy VFD
- ❑ Itasca VFD
- ❑ Jacinto City VFD
- ❑ Jacksonville FD
- ❑ Jenkins VFD
- ❑ Jersey Village FD

- ❑ Jim Hogg County FD #2
- ❑ Joaquin VFD
- ❑ Jonesboro VFD
- ❑ Joshua FD
- ❑ Joy VFD
- ❑ Justin FD
- ❑ Karnes City FD
- ❑ Katy VFD
- ❑ Keene FD
- ❑ Kemah VFD
- ❑ Kemp VFD
- ❑ Kempner VFD
- ❑ Kendalia FD
- ❑ Kennedale FD
- ❑ Kerens VFD
- ❑ Kerrville FD
- ❑ Kilgore FD
- ❑ Killeen FD
- ❑ Kingsbury VFD
- ❑ Kingsville FD
- ❑ Kingtown VFD
- ❑ Klondike VFD
- ❑ Krum VFD
- ❑ La Casita FD
- ❑ La Grange VFD
- ❑ La Vernia VFD
- ❑ Lacy Lakeview VFD
- ❑ Lake Bridgeport VFD
- ❑ Lake Brownwood VFD
- ❑ Lake Cities VFD
- ❑ Lake Conroe VFD
- ❑ Lake Mexia VFD
- ❑ Lake Nacogdoches Area VFD
- ❑ Lake Tanglewood VFD
- ❑ Lamesa FD
- ❑ Lampasas FD
- ❑ Lancaster FD
- ❑ Laredo FD
- ❑ Latexo VFD
- ❑ League City FD
- ❑ Leon Valley FD
- ❑ Leroy VFD
- ❑ Levelland FD
- ❑ Levita FD
- ❑ Lewisville FD
- ❑ Liberty FD
- ❑ Linden VFD
- ❑ Lindsay VFD
- ❑ Little Elm VFD
- ❑ Littlefield FD
- ❑ Live Oak FD
- ❑ Liverpool VFD
- ❑ Lockhart FD
- ❑ Lone Oak FD
- ❑ Longhorn VFD
- ❑ Lorenzo FD
- ❑ Louise FD
- ❑ Lubbock FD
- ❑ Lufkin FD
- ❑ Lyford VFD
- ❑ Mabank VFD
- ❑ Macedonia VFD
- ❑ Magnolia Bend VFD
- ❑ Manor VFD
- ❑ Mansfield FD
- ❑ Manvel VFD
- ❑ Marble Falls VFD
- ❑ Marietta VFD
- ❑ Marlin FD
- ❑ Marlin VFD
- ❑ Marshall FD
- ❑ Mart VFD
- ❑ Mayhill-Copper Creek VFD
- ❑ McAllen FD
- ❑ McLean VFD
- ❑ McQueeny VFD
- ❑ Meadow VFD
- ❑ Memphis FD
- ❑ Menard VFD
- ❑ Merit VFD
- ❑ Mercedes FD
- ❑ Mesquite FD
- ❑ Mexia FD
- ❑ Miami VFD
- ❑ Midland FD
- ❑ Midway FD
- ❑ Mineola FD
- ❑ Mineral Wells FD
- ❑ Mission FD
- ❑ Missouri City FD
- ❑ Moffat VFD
- ❑ Montalba FD
- ❑ Montana Vista FD
- ❑ Morgan Point VFD
- ❑ Moss Lake/Sivells Bend FD
- ❑ Moulton VFD
- ❑ Mount Vernon VFD
- ❑ Mt. Pleasant VFD
- ❑ Muleshoe VFD
- ❑ Murphy F&R
- ❑ Myra VFD
- ❑ Nacogdoches FD
- ❑ Naples FD
- ❑ Natalia VFD
- ❑ Navarro VFD
- ❑ Nederland F&R
- ❑ Needville VFD
- ❑ New Boston VFD
- ❑ New Braunfels FD
- ❑ New London VFD
- ❑ New Salem FD
- ❑ New Summerfield VFD
- ❑ Newton FD
- ❑ North Hood County VFD
- ❑ North Montgomery County VFD
- ❑ North Richland Hills FD
- ❑ Northeast F&R
- ❑ Northwest VFD
- ❑ Oak Hurst VFD
- ❑ Oakwood VFD
- ❑ Odessa FD
- ❑ Ogburn FD
- ❑ Olden FD
- ❑ Orange County ESD #1
- ❑ Orange FD
- ❑ Osage VFD
- ❑ Overton FD
- ❑ Ovilla VFD
- ❑ Palestine FD
- ❑ Pampa FD
- ❑ Panhandle VFD
- ❑ Pantego FD
- ❑ Pearland VFD
- ❑ Pearsall VFD
- ❑ Peaster VFD
- ❑ Pecan Creek VFD
- ❑ Pecan Grove VFD
- ❑ Perryton FD
- ❑ Pflugerville FD
- ❑ Pharr FD
- ❑ Pilot Point FD
- ❑ Pittsburg FD
- ❑ Plano FD
- ❑ Point Blank VFD

- ❑ Ponder VFD
- ❑ Port Arthur FD
- ❑ Port Isabel FD
- ❑ Port Lavaca FD
- ❑ Port Neches FD
- ❑ Porter Springs VFD
- ❑ Potter County F&R
- ❑ Pottsboro FD
- ❑ Preston FD
- ❑ Promontory Park VFD
- ❑ Prosper FD
- ❑ Quail Creek FD
- ❑ Quail Valley VFD
- ❑ Quinlan VFD
- ❑ Randolph VFD
- ❑ Ravenna VFD
- ❑ Red Springs VFD
- ❑ Redwater VFD
- ❑ Refugio VFD
- ❑ Rhea-Hollene VFD
- ❑ Richardson FD
- ❑ Richmond FD
- ❑ Richwood VFD
- ❑ Riesel VFD
- ❑ Rio Hondo VFD
- ❑ Riverside VFD
- ❑ Roanoke VFD
- ❑ Robert Lee VFD
- ❑ Robinson VFD
- ❑ Robstown VFD
- ❑ Rock Island VFD
- ❑ Rockdale VFD
- ❑ Rockport VFD
- ❑ Rolling Oaks VFD
- ❑ Rosehill VFD
- ❑ Rosita VFD
- ❑ Rosser VFD
- ❑ Round Rock VFD
- ❑ Rowlett FD
- ❑ Sachse FD
- ❑ Saginaw FD
- ❑ Salineno VFD
- ❑ San Angelo FD
- ❑ San Antonio FD
- ❑ San Augustine FD
- ❑ San Benito VFD
- ❑ San Isidro FD
- ❑ San Leon VFD
- ❑ San Marcos FD
- ❑ Sand Hills VFD
- ❑ Sanger FD
- ❑ Schertz FD
- ❑ Schulenburg VFD
- ❑ Seagoville FD
- ❑ Sealy VFD
- ❑ Seguin FD
- ❑ Selma FD
- ❑ Seminole VFD
- ❑ Shallowater VFD
- ❑ Shamrock VFD
- ❑ Shavana Park FD
- ❑ Shelbyville VFD
- ❑ Sherman FD
- ❑ Sherwood Shores FD
- ❑ Silver Creek VFD
- ❑ Skellyton VFD
- ❑ Smithville VFD
- ❑ Somervell County VFD
- ❑ South Brazos County FD
- ❑ South Houston FD
- ❑ South Montgomery VFD
- ❑ South Nacogdoches County VFD
- ❑ South Polk County VFD
- ❑ Southlake FD
- ❑ Southside Place FD
- ❑ Southwest Rains VFD
- ❑ Spearman VFD
- ❑ Spring FD
- ❑ Spring Branch FD
- ❑ Spur VFD
- ❑ Stamford FD
- ❑ Star FD
- ❑ Stephenville FD
- ❑ Strawn VFD
- ❑ Sugar Land FD
- ❑ Sulphur Springs FD
- ❑ Taft VFD
- ❑ Teague FD
- ❑ Temple FD
- ❑ Tenaha VFD
- ❑ Terrell FD
- ❑ Terrell Hills FD
- ❑ Texarkana FD
- ❑ Texas City FD
- ❑ Texline VFD
- ❑ The Woodlands VFD
- ❑ Thomas Lake VFD
- ❑ Thompsons VFD
- ❑ Tierra Linda VFD
- ❑ Timbercreek Canyon VFD
- ❑ Tin Top VFD
- ❑ Travis County Fire Control
- ❑ Trinidad VFD
- ❑ Troy VFD
- ❑ Tulia VFD
- ❑ Tye FD
- ❑ Tyler FD
- ❑ Union Grove VFD
- ❑ Universal City FD
- ❑ University Park FD
- ❑ Val Verde County RVFD
- ❑ Valley View FD
- ❑ Van Zandt Midway VFD
- ❑ Venus VFD
- ❑ Vernon FD
- ❑ Victoria FD
- ❑ View FD
- ❑ Village FD
- ❑ Voca VFD
- ❑ Waco FD
- ❑ Wall VFD
- ❑ Wallisville VFD
- ❑ Walnut Springs VFD
- ❑ Warren VFD
- ❑ Waxahachie FD
- ❑ Waxahachie Rural VFD
- ❑ Weatherford FD
- ❑ Webster FD
- ❑ Weches VFD
- ❑ Weir FD
- ❑ Wellington FD
- ❑ Weslaco FD
- ❑ West FD
- ❑ West I-10 VFD
- ❑ West Tawakoni FD
- ❑ West University Place FD
- ❑ West Valley VFD
- ❑ Wharton VFD
- ❑ White Oak VFD
- ❑ White Deer FD
- ❑ Whitehouse VFD
- ❑ Whitton RVFD
- ❑ Wichita Falls FD
- ❑ Wichita West VFD

- ❑ Wild Peach VFD
- ❑ Wills Point FD
- ❑ Wimberley VFD
- ❑ Winchester Area VFD
- ❑ Windcrest VFD
- ❑ Windthorst VFD
- ❑ Winfield VFD
- ❑ Wink VFD
- ❑ Woodlawn VFD
- ❑ Woodvalley/Kicaster VFD
- ❑ Woodville VFD
- ❑ Woodway DPS FS
- ❑ Wylie FD
- ❑ Yancey VFD
- ❑ Yoakum FD
- ❑ Zapata County FD
- ❑ Zavalla VFD

TEXFIRS 2000
FIVE-YEAR INCIDENT COMPARISON

	1996	1997	1998	1999	2000
FIRES					
Structure	26,361	23,034	20,881	20,279	21,134
Vehicle	23,583	21,203	19,230	18,900	18,440
Other Fires	62,970	38,389	40,137	39,770	43,269
TOTAL FIRES	**112,914**	**82,626**	**80,248**	**78,949**	**82,843**
OVERPRESSURE RUPTURES	**2,348**	**2,046**	**2,209**	**2,133**	**2,883**
RESCUE/EMS CALLS	**324,862**	**328,627**	**342,719**	**339,910**	**380,675**
HAZARDOUS CONDITION CALLS	**45,563**	**43,395**	**43,316**	**40,566**	**43,839**
SERVICE CALLS	**52,886**	**53,197**	**57,548**	**54,827**	**60,596**
GOOD INTENT CALLS	**86,708**	**90,023**	**90,155**	**88,024**	**97,278**
FALSE CALLS					
Malicious	13,200	13,263	13,088	12,366	12,830
Other False Calls	85,259	88,771	91,008	92,775	102,712
TOTAL FALSE CALLS	**98,459**	**102,034**	**104,096**	**105,141**	**115,542**
SEVERE WEATHER & NATURAL DISASTER*					**164**
MUTUAL AID GIVEN	**20,990**	**15,564**	**22,183**	**19,565**	**19,113**
ALL OTHER CALLS	**7,693**	**8,233**	**9,849**	**9,804**	**11,950**
TOTAL CALLS	**752,423**	**725,745**	**752,323**	**738,919**	**814,883**
TOTAL DOLLAR LOSS	**$ 455,430,434**	**$381,742,405**	**$352,395,715**	**$ 376,531,754**	**$ 367,632,909**

*new category