

FIRE in New York 1997

• State of New York • George E. Pataki, Governor •
• Alexander F. Treadwell, Secretary of State • James A. Burns, State Fire Administrator •

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In Memoriam

*Fire in New York is dedicated to these firefighters who gave their lives
in service to the citizens of their communities in 1997.*

Firefighter William H. Fairweather
Middletown, Orange County
November 15, 1997

Firefighter Robert Fowler
Spencerport, Monroe County
February 22, 1997

Firefighter Timothy Goff
Kenmore, Erie County
May 5, 1997

Chief H. Robert Hathaway
Branchport, Yates County
January 8, 1997

Firefighter Edwin J. Haungs, Sr.
South Lockport, Niagara County
June 16, 1997

Assistant Chief David P. Janora
Clarence Center, Erie County
January 2, 1997

Firefighter H. Peter Kahn
Trumansburg, Tompkins County
February 16, 1997

Firefighter Stanley F. Kaminski
Langford-New Oregon, Erie County
May 26, 1997

Firefighter John Kroening
Cambria, Niagara County
November 18, 1997

Chief Thomas M. McCormack
Watervliet, Albany County
December 1, 1997

Firefighter William C. Mellon
Bay Ridge, Warren County
June 19, 1997

Firefighter Brian D. Myers, Sr.
Schuylerville, Saratoga County
January 1, 1997

Lieutenant Michael Neuner
Brewster, Putnam County
June 22, 1997

Assistant Chief Kevin C. Seaburg
Selkirk, Albany County
February 3U 1997

Firefighter Michael Seguin
Buffalo, Erie County
July 4, 1997

Lieutenant Albert Sipple
Bellmore, Nassau County
July 16, 1997

Firefighter Timothy J. Warren III
Geneva, Ontario County
February 15, 1997

Past Chief Leonard N. Zeller
Edwards, St. Lawrence County
February 15, 1997

T HIS ISSUE OF *FIRE IN NEW YORK* uses facts and figures to paint a statistical picture of the various emergencies which occurred in New York's communities in 1997. Each year, this publication serves to inform counties and localities of the magnitude of their emergency efforts and assists them to identify critical fire problems, potential safety hazards and other possible life-safety concerns. Besides merely listing incident response activity, this report also permits assessment of notable accomplishments and citizen needs.

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Behind each data record is a real-life story; an urgent request for help that required local fire and emergency service providers' immediate response. Yet, unfortunately, records detailing emergency activities fail to reflect the countless non-emergency hours spent by these responders carrying out public education and fire prevention programs; skills improvement training; fund raising and other activities aimed at protecting the health and safety of citizens. Without a doubt, human and property loss figures would be much more severe were it not for this additional commitment to duty. We therefore thank all fire and life safety personnel for their dedication, realizing all such activities require a substantial investment of personal effort and time.

During the past eleven years, responses to all types of emergencies in New York have increased 31 percent. This increase has occurred despite a 27 percent decline in fire incidents during the same period.

In 1997, a reported 217 civilians lost their lives in tragic fires. This, however, represented a 53 percent decrease from the 465 New Yorkers who perished during 1987. The reasons for this reduction in life loss can be credited to increased use and maintenance of smoke detectors; improved code compliance; proactive community fire prevention and education programs; and the effectiveness of fire service entities when response is required.

The growth in incident responses has occurred because of assistance needed during natural and man-made disasters; various medical emergencies; hazardous materials incidents; and when other life threatening catastrophes occur. Each such need requires intervention by trained responders who, as this issue of Fire in New York confirms, are themselves placed at additional risk. Although safety is a primary concern of all fire and emergency service providers, injuries and deaths still occur all too frequently. Firefighter deaths in New York in 1987 totaled 19 and sadly in 1997 still numbered 18.

Because 83 percent of New York's 1,787 municipal fire departments have volunteer members, many of the line-of-duty deaths occur among volunteer ranks. In July of 1998, Governor George E. Pataki signed legislation that dramatically increased benefits to the surviving spouses of fallen volunteer firefighters. That law established the Lieutenant Michael E. Neuner/Timothy Goff Memorial Death Benefit Program in memory of two firefighters who paid the supreme sacrifice in 1997.

"When tragedy strikes, we must do our best as a community to respond," the Governor said. "While no monetary benefits can begin to compensate the family members of a fallen volunteer firefighter, we must ensure that their personal tragedy is not compounded by financial hardship."

James A. Burns
State Fire Administrator



Governor Pataki and State Fire Administrator Burns greet a visitor at the New York State Fair's Fire Safety Education Center

1997 FIRE CLOCK

- 1 Response every 30 seconds**
- 1 EMS call every 68 seconds**
- 1 False Alarm every 3 minutes**
- 1 Fire every 4 minutes, 20 seconds**
- 1 Firefighter injury every hour**
- 1 Civilian injury every 2-1/2 hours**
- 1 Civilian death every 41 hours**
- 1 Firefighter death every 20 days**

FIRE DATA FOR 1997 was submitted by 85.8 percent of the state's municipal fire departments. Additional reports were submitted by fire departments and fire brigades from private industries and governmental institutions.

Reported totals have been adjusted to compensate for non-reporting where necessary. By adjusting, roughly 75,000 total incidents were added. We estimate that reported incidents represent approximately 92.8 percent of all incidents which actually occurred.

STATEWIDE SUMMARY

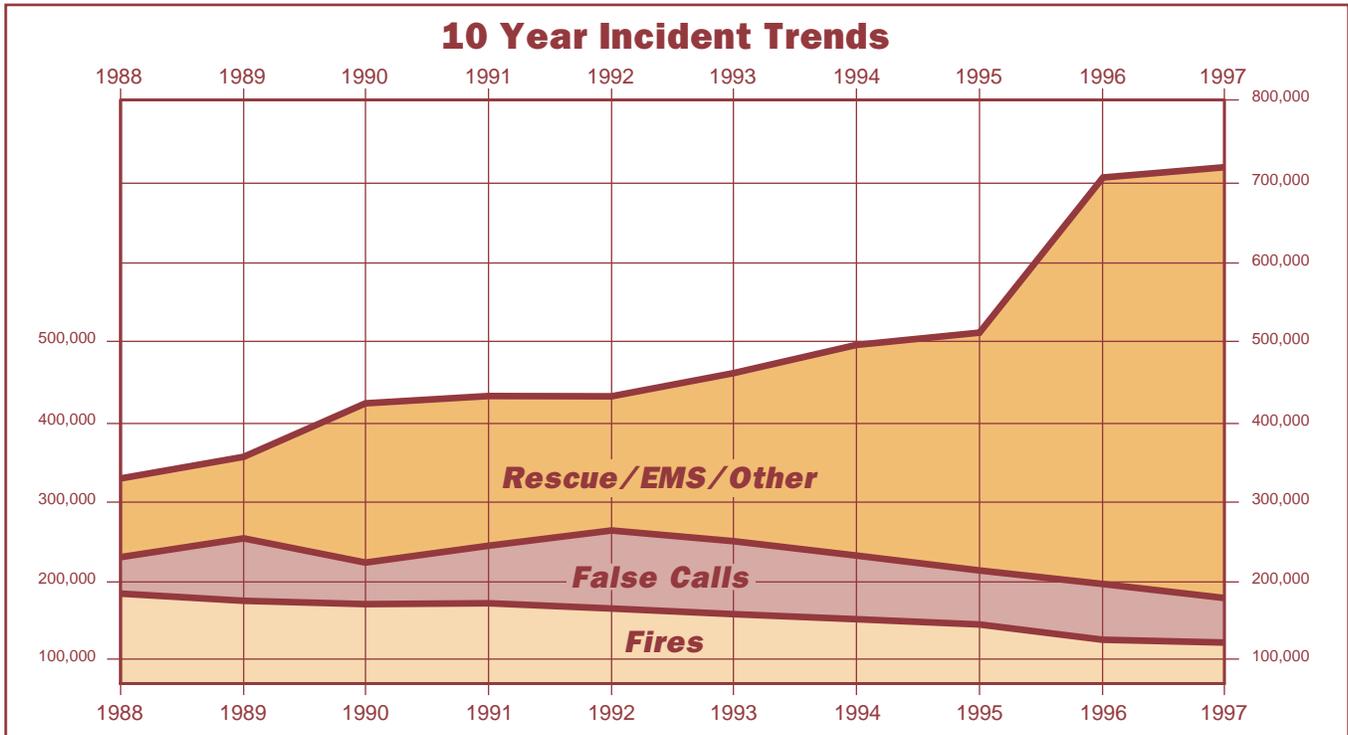
	<u>New York City</u>		<u>Balance of State</u>		<u>State Total</u>	
	1996	1997	1996	1997	1996	1997
Incidents						
Structure Fires	28,531	30,672	21,776	21,555	50,307	52,227
Vehicle Fires	11,864	7,950	13,314	11,842	25,178	19,792
Other Fires	27,615	27,104	20,965	25,706	48,580	52,810
Total Fires	68,010	65,726	56,054	59,103	124,065	124,829
Rescue/EMS	88,307	177,240	283,209	288,751	371,516	465,991
Other Emergencies	168,297	108,130	167,013	146,472	335,310	254,603
Total Rescue/EMS/Other	256,604	285,370	450,222	435,223	706,826	720,594
False Calls	111,780	96,170	83,501	82,026	195,281	178,196
Total Incidents	436,394	447,266	589,777	576,351	1,026,171	1,023,619
Mutual Aid Given			40,187	42,781	40,187	42,781
Total Responses	436,394	447,266	629,964	619,132	1,066,358	1,066,400
Estimated Direct Dollar Loss Due to Fire	\$883	\$846	\$456	\$486	\$1.3	\$1.3
	Million	Million	Million	Million	Billion	Billion

3,385 Civilian Injuries
217 Civilian Deaths

9,283 Firefighter Injuries
18 Firefighter Deaths

Each year, we receive fire reports from correctional facilities—jails, prisons and similar institutions. In 1997, correctional facilities in 20 counties plus New York City reported 724 structure fires, 10 vehicle fires and 29 outside fires. Due to the impact these numbers may have on an individual county's statistics—specifically, rates per 1,000 population—data from these facilities were not included when these rates were computed. (Note: In Washington County, for example, 76 of the 196 reported structure fires—38.8 percent—were from correctional facilities; in Westchester County, the proportion was 102 out of 1,860—5.5%.)

10-YEAR STATISTICS



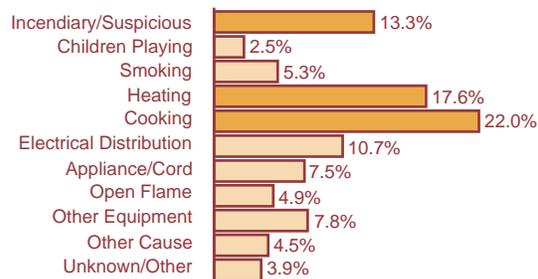
Year	Structure Fires	Vehicle Fires	Outside Fires	Total Fires	Mutual Aid Given	Rescue/EMS /Other	False Alarms	Total Incidents
1988	60,172	34,769	88,207	183,148	31,039	328,324	229,489	740,961
1989	56,641	28,570	89,063	174,274	33,203	355,461	253,646	783,381
1990	54,704	28,584	87,136	170,424	31,973	423,845	222,478	816,747
1991	53,319	35,178	83,429	171,926	33,630	431,659	243,452	847,037
1992	56,329	33,289	75,322	164,940	32,500	431,869	262,799	892,108
1993	54,026	30,511	72,980	157,517	35,931	461,214	249,018	867,749
1994	53,277	28,900	69,395	151,572	39,277	496,034	230,845	878,461
1995	52,923	24,424	67,737	145,084	43,939	510,685	212,235	868,003
1996	53,624	25,214	46,682	125,519	40,187	706,826	195,281	1,027,626
1997	52,227	19,792	52,810	124,829	42,781	720,594	178,196	1,066,400

CAUSES AND AREAS OF ORIGIN

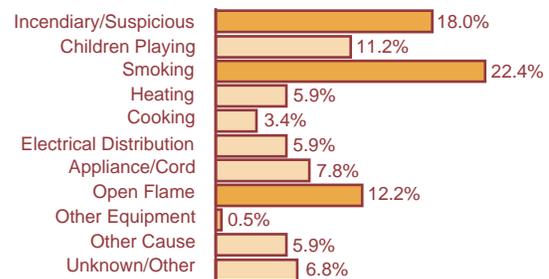
SMOKING REMAINED THE LEADING CAUSE of fatal fires (22.4 percent) and the number two cause of fires with injuries (12.1 percent). Smoking was the cause of 5.3 percent of all structure fires, a one percent increase from 1996. Although the Fire Reporting System does not capture data showing alcohol or drugs to be contributing factors, experience has shown that there is often this type of connection.

Cause and origin information does not include New York City data except for fatal fires.

Causes of All Structure Fires

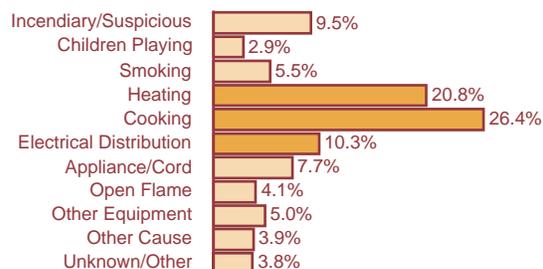


Causes of Fatal Structure Fires



RESIDENTIAL FIRES

Residential Fire Causes



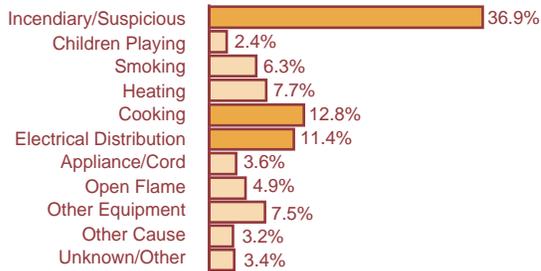
Residential Areas of Origin

Kitchen/Cooking Area	32.0%
Chimney	10.1%
Sleeping Room — less than 5	10.0%
Lounge Area	8.7%
Crawl Space/Substructure	6.2%
All Other Areas	33.0%

76.3% of all Structure Fires

OTHER STRUCTURAL CAUSES AND AREAS OF ORIGIN

Educational Property Fire Causes

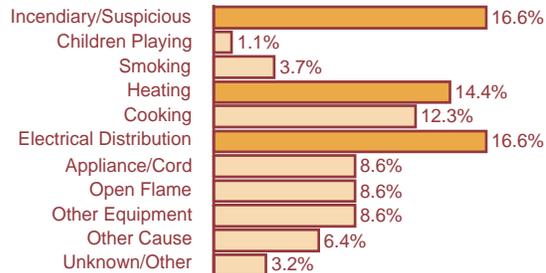


Educational Areas of Origin

Area of Origin	Percentage
Lavatory/Locker Room	19.7%
Kitchen/Cooking Area	16.7%
Hallway/Corridor	14.4%
Small Assembly Space	5.8%
Sleeping Room — less than 5 People	3.0%
All Other Areas	40.3%

1.6% of all Structure Fires

Public Assembly Property Fire Causes

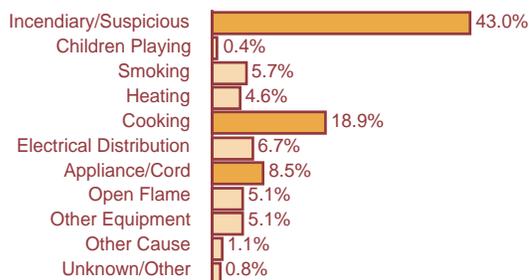


Public Assembly Areas of Origin

Area of Origin	Percentage
Kitchen/Cooking Area	31.3%
Ceiling Roof Assembly	6.4%
Exterior Wall Surface	4.5%
Lavatory/Locker Room	3.8%
Small Assembly Space	3.6%
All Other Areas	50.4%

1.5% of all Structure Fires

Institutional Property Fire Causes

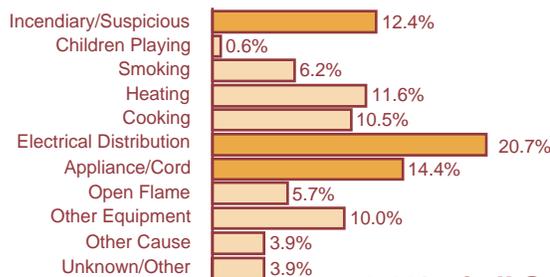


Institutional Areas of Origin

Area of Origin	Percentage
Sleeping Room — less than 5 People	37.2%
Sleeping Room — more than 5 People	17.8%
Kitchen/Cooking Area	14.7%
Laundry Room/Area	4.5%
Lounge Area	2.8%
All Other Areas	23.0%

3.0% of all Structure Fires

Fire Causes in Stores and Offices

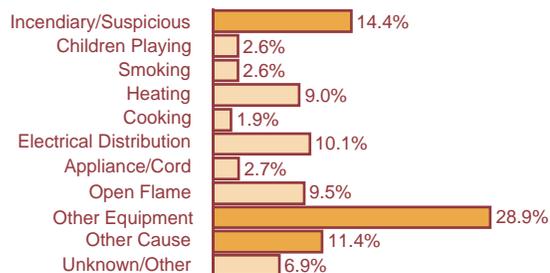


Store and Office Areas of Origin

Area of Origin	Percentage
Kitchen/Cooking Area	11.0%
Office	6.2%
Sales/Showroom Area	5.1%
Laundry Room/Area	5.1%
Exterior Wall Surface	5.1%
All Other Areas	67.7%

3.2% of all Structure Fires

Industrial/Manufacturing Fire Causes



Industrial/Mfg. Areas of Origin

Area of Origin	Percentage
Process/Manufacturing Area	20.4%
Area Not Specified	14.1%
Machine Room	10.5%
Maintenance Shop/Area	5.9%
Product Storage Room	4.2%
All Other Areas	49.2%

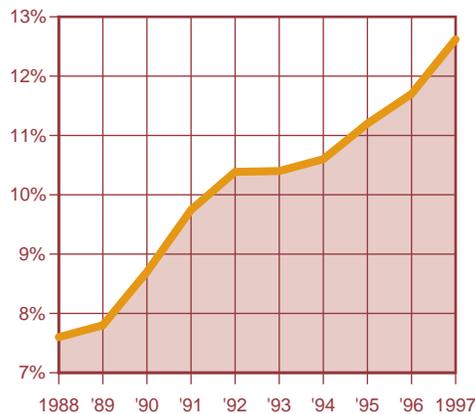
8.0% of all Structure Fires

ARSON

ARSON CAUSED 15,748 FIRES IN 1997. One out of every eight fires reported last year was incendiary in origin; one out of every six structure fires was incendiary, resulting in 24 deaths.

The state's annual arson rate—which began a steady increase from 7.6 percent of all fires in 1988—has risen once again to a new all-time high, 12.6 percent of all fires.

Arsons as a Percent of All Fires



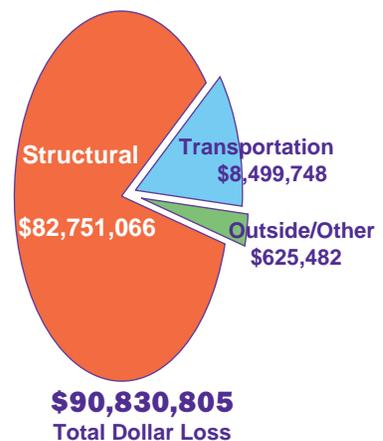
During the same period the total number of fires increased by only 0.6 percent.

Juvenile firesetters continued to be a serious statewide fire problem. Juvenile firesetters were responsible for 5,074 fires, two deaths and 26 related injuries statewide (excluding NYC).

5-year Statewide Arsons					
	1993	1994	1995	1996	1997
Structure	7,607	8,997	9,321	8,950	10,228
Transportation	3,158	2,352	1,468	2,266	1,431
Other	5,544	4,638	5,413	3,525	4,090
Total	16,309	15,987	16,202	14,741	15,749

Direct dollar loss due to juvenile-set fires exceeded nine million dollars. The direct dollar loss from arson was \$90,830,805 or 18.8 percent of the state's total. Indirect dollar losses due to arson—lost jobs, increased insurance cost, decreased property values—may have been as much as ten times the direct loss, almost one billion dollars.

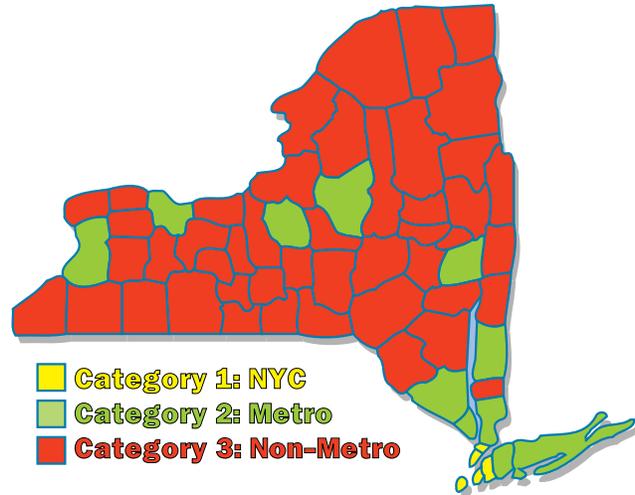
Arson Dollar Loss (excluding NYC)



Regional Arsons

For analysis purposes, the state was divided into three population-based categories: Category 1 (New York City); Category 2 (Metro)—eleven counties with 250,000 or more inhabitants (Albany, Dutchess, Erie, Monroe, Nassau, Oneida, Onondaga, Orange, Rockland, Suffolk and Westchester), and Category 3 (small city and rural)—the remaining 46 counties.

STATEWIDE, 6.8 percent more arsons were reported in 1997 than in 1996; this year's total was within three percent of the 1995 total. Regional numbers, however, indicate that a significant shift has taken place in where arsons occur.



For Category 1, New York City, fires

Population and Fires by Region						
Region	1990 Population	Percent of Total	1995 Fires	1997 Fires	1997 Percent of Total	'95-'97 Change
Category 1	7,322,265	40.7%	75,975	65,726	52.7%	- 13.5%
Category 2	7,011,565	39.0%	43,500	31,013	24.8%	- 28.7%
Category 3	3,656,146	20.3%	25,609	28,090	22.5%	+ 09.7%
Statewide	17,989,977	100%	145,084	124,829	100%	- 14.0%

decreased 13.5 percent since 1995 while arsons climbed nearly 25 percent. Category 2 Metro counties reported over half the state's total in 1995, but dropped to less than one quarter in 1997. Over the same two years, Arsons in Category 3 Rural counties have nearly doubled; from 3,905 to 7,430. Factors which contribute to this shift may include: changing regional economic conditions; changes in fire investigation practices and expertise, and changes in fire reporting practices.

While two years is not enough time to draw conclusions about where arsons are more likely to occur, this trend will certainly be watched carefully in the future.

Arsons by Region 1995 – 1997								
Region	1995 Arsons	1995 Percent of	1996 Arsons	1996 Percent of	1997 Arsons	1997 Percent of	'96-'97 Change	'95-'97 Change
Category 1	3,595	22.2%	4,154	28.2%	4,489	28.5%	+ 08.1%	+ 24.9%
Category 2	8,702	53.7%	4,714	32.0%	3,829	24.3%	- 18.8%	- 56.0%
Category 3	3,905	24.1%	5,872	39.8%	7,430	47.2%	+ 26.5%	+ 90.3%
Statewide	16,202	100%	14,740	100%	15,748	100%	+ 06.8%	- 02.8%

Cause of Fire - Undetermined

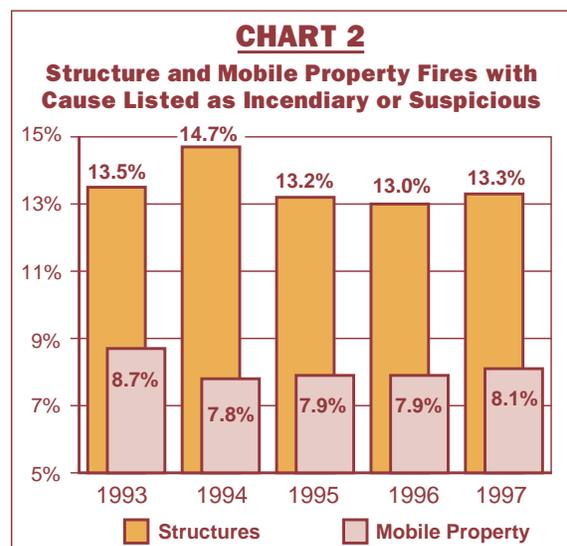
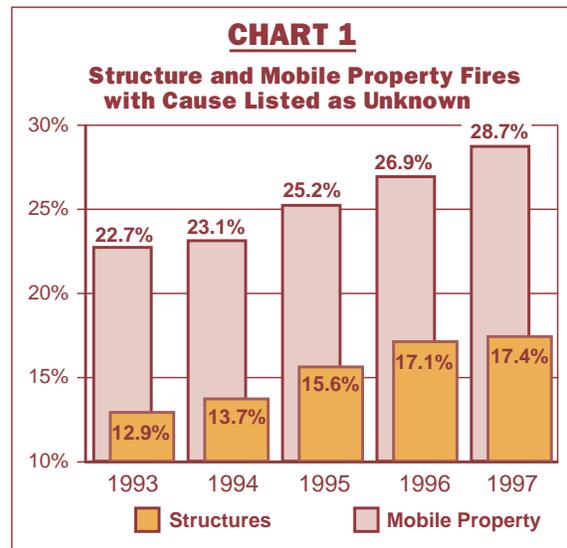
AS DISCUSSED IN *FIRE IN NEW YORK 1996*, General Municipal Law Section 204-d requires fire chiefs to “determine or cause to be determined the cause of each fire or explosion which the fire company has been called to suppress.” Fire investigation experts agree that the cause of fire should be determined 90 to 95 percent of the time if properly conducted fire origin and cause investigations are carried out for all fires. In other words, undetermined or unknown fire causes should make up less than 10 percent of all fires reported. Unfortunately in recent years, most areas in New York State have fallen far short of achieving this goal. Here we will focus on structure and mobile property fires, outside of New York City.

Chart One illustrates undetermined or unknown cause fires as a percentage of all reported structure and mobile property fires.

Over the past five years, unknown mobile property fires increased from 23 percent of all fires in 1993 to 28.5 percent in 1998. This means that between one quarter and one third of all mobile property fires have no cause determined.

Structure fires have fared no better. Unknown structure fires rose from 13 percent of all fires in 1993 to 17.5 percent in 1998. This reflects a 29 percent increase in the actual number of undetermined structure fires reported.

Over the same five year period, the percentage of structure and mobile property fires reported as incendiary or suspicious has remained virtually unchanged. As illustrated in Chart Two, approximately 8 percent of all mobile property fires and 13 to 14 percent of all structure fires were reported with incendiary or suspicious causes over the last five years.

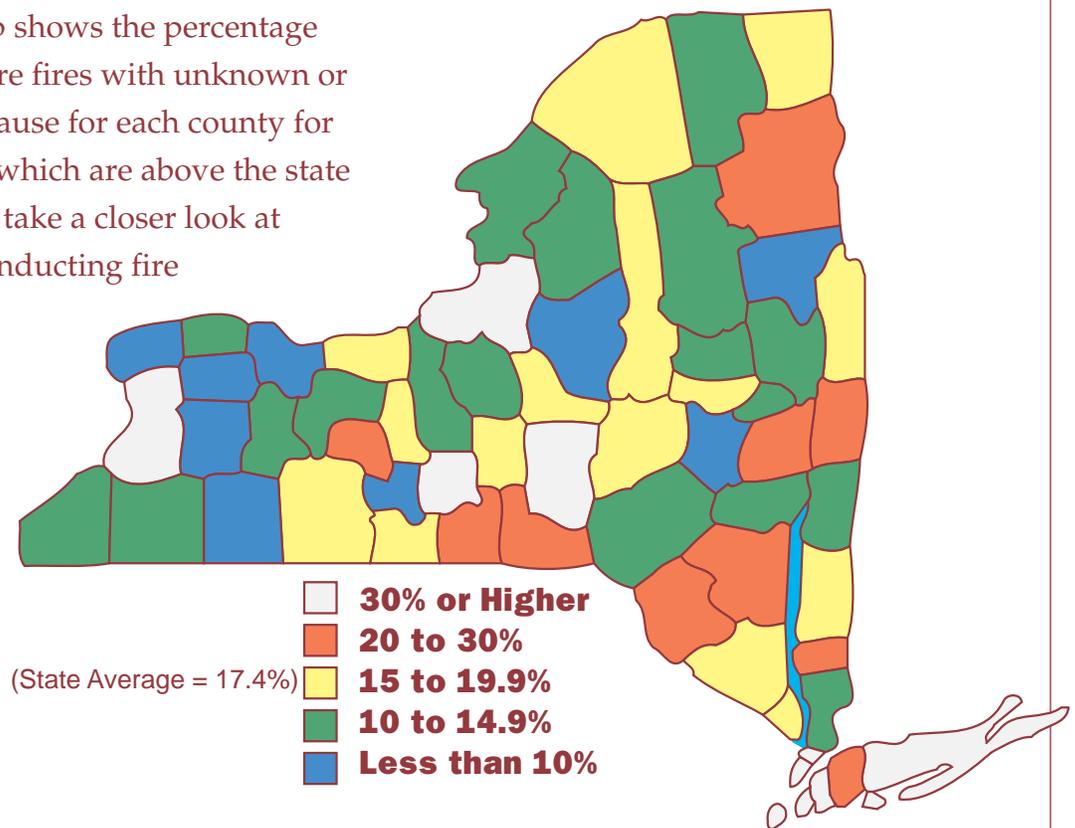


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Cause of Fire - Undetermined (continued)

In many areas of the state, designated Fire Investigation Teams carry out fire origin and cause investigations on behalf of local fire chiefs. In certain cities and some counties these teams are highly organized; some are known as “Fire Marshals” and possess police office powers. In many smaller communities and more rural counties, fire investigation teams are made up of loosely organized groups of volunteer investigators from various communities within the county. However, the relative success of these teams in determining fire cause does not appear to reflect county size or the makeup of the team. Many smaller counties—and some of the larger ones—have done an excellent job of determining fire cause, while other counties of varying size and population have not done so well.

The state map shows the percentage range of structure fires with unknown or undetermined cause for each county for 1997. Counties which are above the state average need to take a closer look at how they are conducting fire investigations.



THE UTICA ARSON STRIKE FORCE

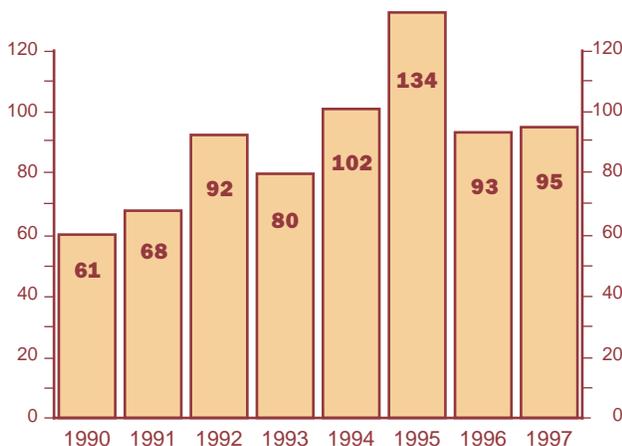
— a model for all communities to follow —



THROUGHOUT THE FIRST SIX YEARS OF THE 1990's, the City of Utica battled an ever-increasing number of arson fires. Following a string of eight serious fires early in 1997, the city reached out for help. OFPC provided on scene technical assistance to help investigate the fires and later used Fire Reporting System data to graphically display arson incidents on city maps over the six year time period.

When government officials saw overhead transparency maps depicting the steady increase in structural arsons from 61 in 1990, to 134 in 1995, and when told

Structural Arsons in the City of Utica



Utica's arson problem was three times the state average, all agreed it was time to take action.

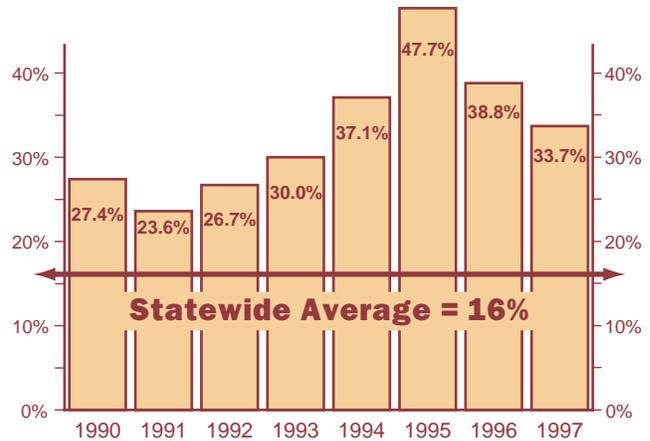
With help from Congressman Sherwood Boehlert and the Federal Emergency Management Agency (FEMA), local, state and federal agencies formed an **Arson Strike Force** to combat Utica's arson problem on several fronts.

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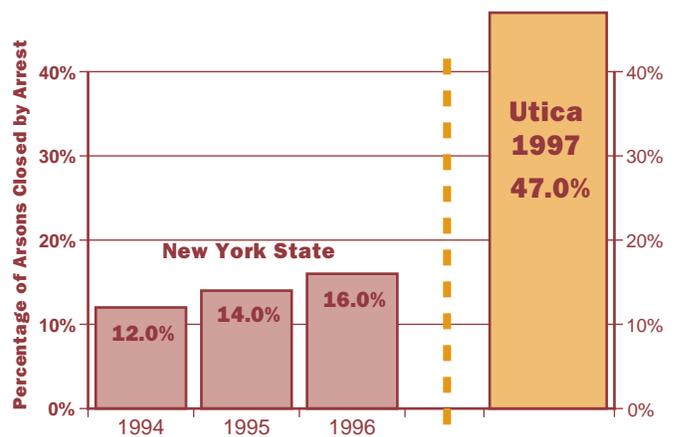
The Strike Force, staffed around the clock by teams of fire and police investigators from over a half-dozen agencies, began formal operations on April 4, 1997. OFPC's role was to provide technical expertise and canine accelerant detection during fire investigations, and to coordinate the actions of this diverse group, helping form them into a functional, effective investigative team. OFPC also provided in-service training to members of the Strike Force to bring them up to state and national fire investigator standards.

During the remainder of 1997, the first nine months of their existence, the Strike Force met with unprecedented success. Starting April 4, the Strike Force assigned 72 new arson cases throughout the year. Of these, 34 cases—47.2 percent—were closed by arrest or other means. This 47 percent closure rate far exceeds the state average closure rate for arson cases, typically around 15 percent. The Strike Force also closed 19 older arson cases (some were fatal fires) going back to 1991.

**Arsons as a Percentage of All Structure Fires
Utica vs. State**



**Utica Arson Strike Force Arson Closure Rate
Compared to the NYS Average for 1994-1996**



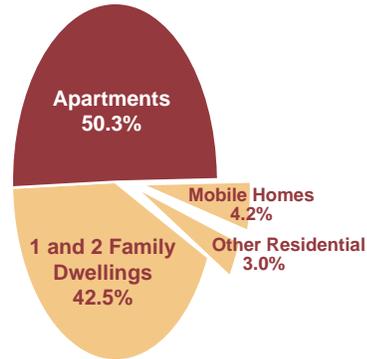
Perhaps the greatest success the Strike Force achieved during their first year was an unprecedented 100 percent conviction rate. In other words, every suspect they arrested on suspicion of arson either plead guilty or was convicted following trial.

Clearly, their success demonstrates that arson is a crime that *can* be solved. The Utica Arson Strike Force has shown us how.

CIVILIAN CASUALTIES 3,385 INJURIES — 217 DEATHS

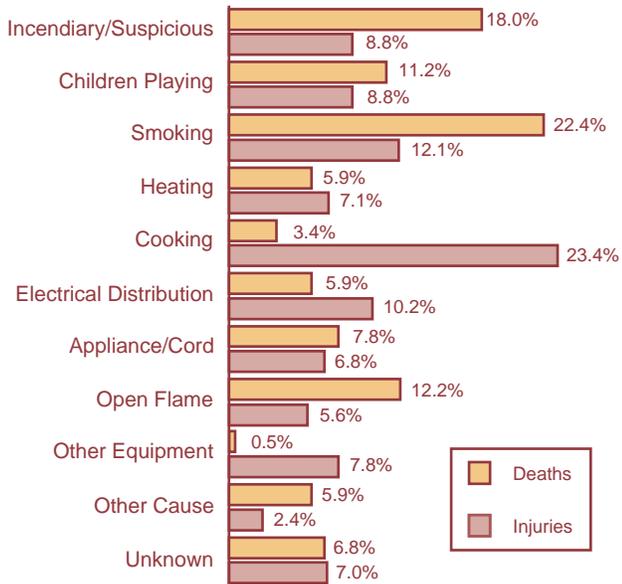
Civilian Casualties by Activity at Time		
	Deaths	Injuries
Escaping	31.7%	32.7%
Rescue	0.0%	7.4%
Fire Control	4.9%	34.5%
Cleanup	0.0%	1.3%
Sleeping	34.1%	10.8%
Unable to Act	22.0%	6.5%
Irrational Act	7.3%	7.0%

Residential Fire Deaths by Occupancy

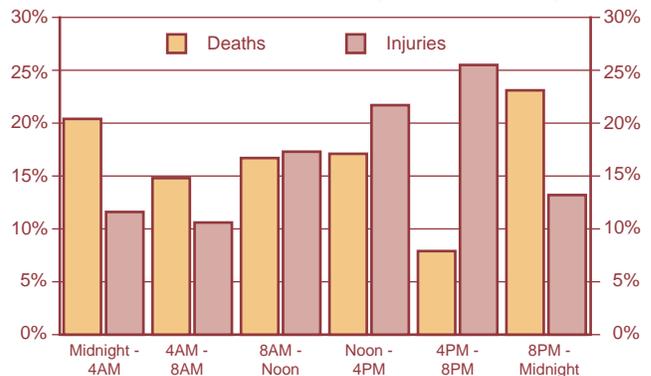


Over 91 percent of all civilian fire fatalities occur in residences; of these, over half occur in apartments.

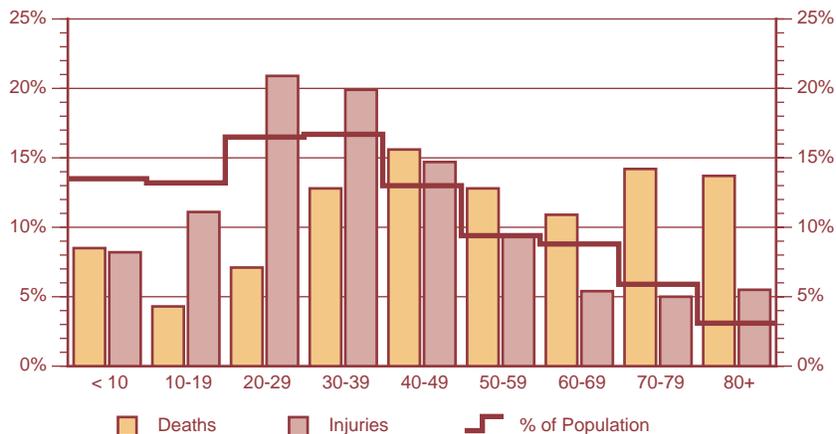
Civilian Casualties and Fire Causes



Civilian Casualties by Time of Day

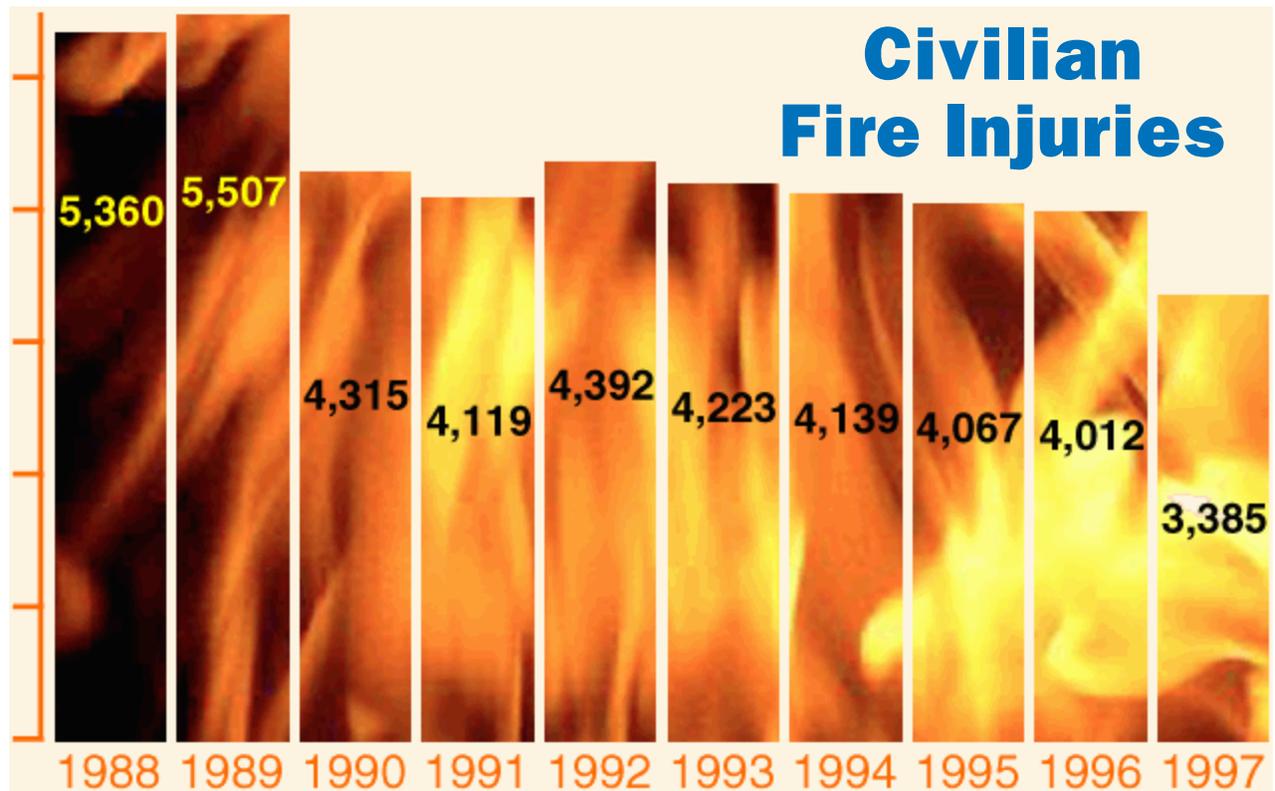


Civilian Casualties by Age vs. Population (1990 census)



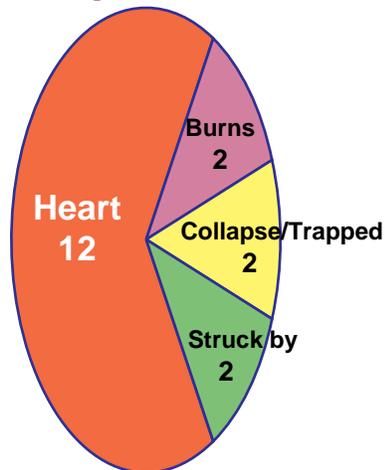
— Fatalities include New York City —

CIVILIAN CASUALTY TRENDS

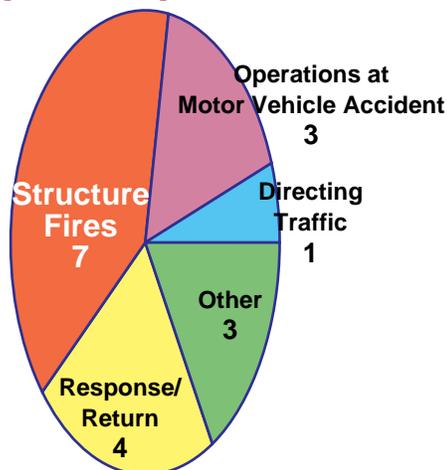


FIREFIGHTER CASUALTIES 9,283 INJURIES – 18 DEATHS

Firefighter Deaths by Cause



Firefighter Deaths by Activity at Time



Firefighter Deaths by Age and Cause

Cause	20-29	30-39	40-49	50-59	60-69	70+	TOTAL
Heart		2	2	4	2	2	12
Burns		1	1				2
Collapse/Trapped	1	1					2
Struck by				1		1	2
TOTAL	1	4	3	4	2	3	18

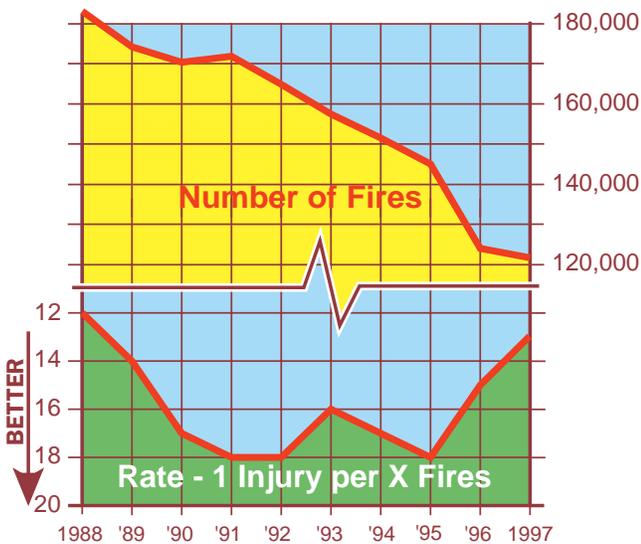
Firefighter Deaths by Age and Activity

Activity at Time of Injury	20-29	30-39	40-49	50-59	60-69	70+	TOTAL
Response/Return				4			4
Structure Fire	1	4	2				7
Operations at MVA				1		2	3
Directing Traffic						1	1
Other			1		2		3
TOTAL	1	4	3	4	2	3	18

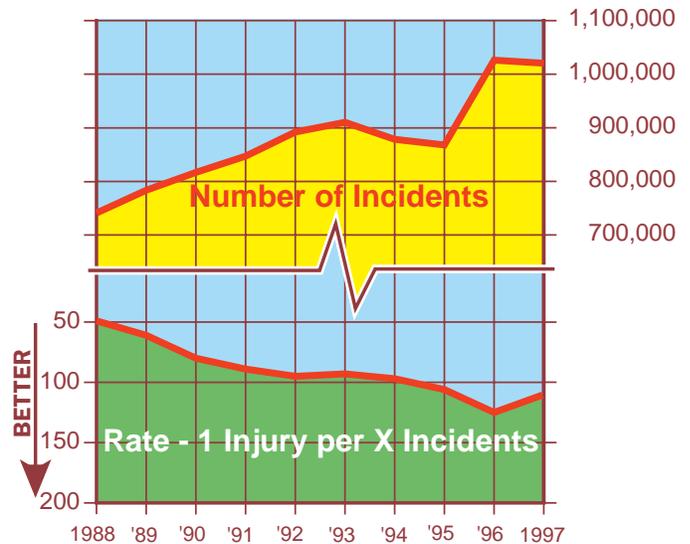
FIREFIGHTER INJURY TRENDS

The rate of firefighter injuries compared with fires has increased for the past two years; the injury/incident rate increased in 1997.

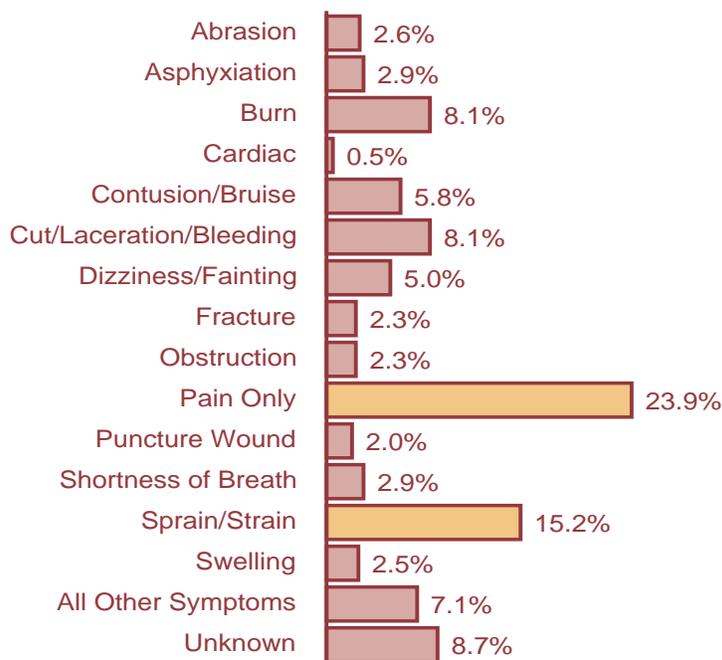
Firefighter Injuries vs. Fires



Firefighter Injuries vs. All Incidents



Firefighter Injuries - Major Symptoms -



FIRE PREVENTION —A “FAIR” EXCHANGE—

Each year in late AUGUST and early September, the New York State fairgrounds in Syracuse becomes the focal point for thousands of visitors. One of the most popular exhibits during the twelve day fair is the Public Fire Education Center located in the Science and Technology Building. This 6,000 square foot permanent exhibit features a five-room house of hazards; a staffed information booth; a souvenir shop, and a continuously-running theater with live performances every 90 minutes.

Since its inception 14 years ago, the Fire Education Center has been sponsored by the Onondaga County Firemen’s Association and the City of Syracuse Fire Department. Fire departments and other fire organizations throughout central New York State send personnel to staff the Center during its twelve hours of daily operation. The Cen-



ter also receives numerous contributions from various other support groups.

Day after day, hundreds of people pass through the exhibit, ask questions, receive information and leave with a bit more knowledge about fire and life safety. Throughout the school year or whenever special events are held at the fairgrounds, the Center is used to teach children about fire safety. Although the full impact of this fire prevention effort may never be known, the dedicated efforts of those involved have no doubt saved many lives over the years.

The success of Fire Education Center is due in no small measure to the countless hours that are spent each year to prepare, maintain and operate the exhibit. All who are involved in this worthwhile undertaking can justifiably take pride in the success of this important fire prevention effort.



BURN INJURY REPORTING SYSTEM

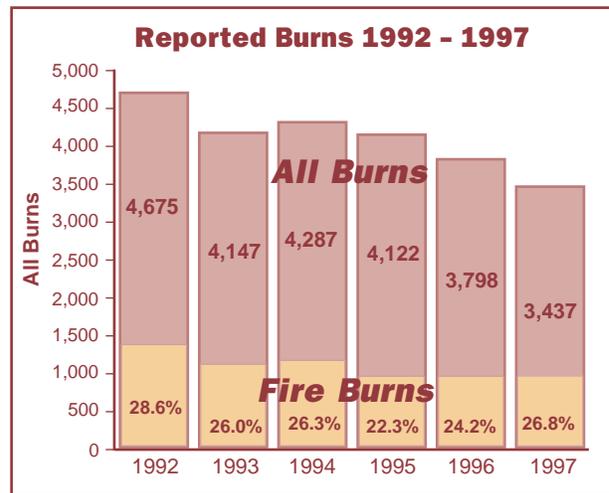
NOW IN ITS FOURTEENTH YEAR OF OPERATION, the New York State Burn Injury Reporting System (NYBIRS) contains one of the world's largest databases on the causes of burn injuries. Emergency health care providers across the state are required to immediately report burn information directly to OFPC whenever they treat a victim who has sustained second- or third-degree burns to five percent or more of the body or received inhalation burns or other life threatening burns.

As soon as a burn report is received by OFPC, it is forwarded to the county where the burn occurred. Local officials have successfully used this information to assist with fire and arson investigations as well as to uncover cases of child abuse.

Nearly half of the burn reports received are for serious or life threatening injuries requiring hospitalization. Hot liquids continue to be the leading cause of burns, accounting for 37 percent of all reports received during 1997. Fires are the second leading cause of burn injury, causing nearly 27 percent of all injuries reported in 1997.

For reasons that are not clear, participation in NYBIRS seems to be slowly declining. For the last six years, the number of reports received each year has dropped—from 4,675 reports in 1992 to 3,437 reports in 1997. A small part of this reduction may be due to a decrease in the number of building fires during these years.

Over the same time period, however, fires have continued to cause between 23 and 27 percent of all reported burns.



Burn Injuries by Cause						
Type of Burn	1993	1994	1995	1996	1997	5 Yr. Total
Hot Liquids	1,463	1,455	1,536	1,395	1,265	7,114
Fire Burns	1,077	1,128	919	919	922	4,965
Cooking	489	528	535	472	454	2,478
Hot Objects	412	525	478	418	300	2,133
Steam	181	177	174	153	122	807
Chemicals	178	183	191	176	157	885
Electrical	131	123	125	127	94	600
Sunburn	133	90	90	46	66	425
Radiation	4	3	3	1	5	16
Not Reported	79	75	71	91	52	368
Totals	4,147	4,287	4,122	3,798	3,437	19,791

Burns Caused by Fires						
Fires/Causes	1993	1994	1995	1996	1997	5 Yr. Total
Structure Fires	337	296	255	236	243	1,367
Flammable Liquids	237	273	220	233	230	1,193
Gas/Vapor Explosion	150	181	127	157	148	763
Open Flame	150	144	139	147	145	725
Fireworks	71	55	42	29	33	230
Vehicle Fires	46	59	46	36	35	222
Outside Fires	60	68	68	54	77	327
Explosives	26	52	22	27	11	138
Totals	1,077	1,128	919	919	922	4,965

HAZARDOUS MATERIALS: A NEW ERA

AS THE YEAR 1997 STARTED, so did a new training initiative for the emergency response community. The potential for incidents involving weapons of mass destruction has placed a new emphasis on hazardous materials training for first responders. After the Oklahoma City bombing, the World Trade Center bombing, the Sarin release on the subway in Tokyo Japan and countless small events all across the world—including New York—the public safety community has started prepare for such an incident in their community.

Federal legislation sponsored by Senators Nunn, Luge Domenici designated the 27 largest cities as high targets and initiated specialized training and equipment for their presence. In addition the top 120 largest municipalities were required for specialized training to be provided by the U.S. Bureau of Fire Protection. In New York State this included Suffolk, Nassau, Westchester, Onondaga, Monroe, and Erie counties. The Federal Emergency Management Agency also provided small grants to the Office of Fire Prevention and Control to conduct a training program entitled “Emergency Response to Terrorist Concepts” which is an Operations Level course. This course has been instructed to hazardous materials teams across the state and advanced level courses to be offered in 1998 and 1999.

While every community is hopeful that an event involving weapons of mass destruction will never occur in their town it is still critical that every emergency responder be prepared to recognize the potential for the materials used by terrorists and methods to protect themselves. In the Sarin incident in Tokyo 135 firefighters suffered injuries which resulted primarily due to the lack of wearing a breathing apparatus. With training and planning we can prevent this type of injury from happening in New York State.



Hazardous Materials by Class of Material	1993	1994	1995	1996	1997 *	Five year Total
Explosives	17	13	15	35	17	97
Gases	603	659	559	704	502	3,027
Flammable & Combustible Liquids	2,158	1,850	1,570	1,943	1,525	9,046
Spontaneously Combustible, Dangerous When Wet, & Flammable	27	45	34	18	29	153
Oxidizers & Organic Peroxides	20	27	8	9	9	73
Toxic Materials & Infectious Substances	54	35	42	48	27	206
Radioactive Materials	0	1	0	7	0	8
Corrosive Materials	41	48	41	133	38	301
Miscellaneous Dangerous Materials	98	146	101	271	111	727
Multiple Classes of Materials	33	29	42	24	46	174
Totals	3,051	2,853	2,412	3,192	2,304	13,812

*1997 Incidents for NYC not included

Statewide Totals by County

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Master Data Table	Structure Fires	Vehicle Fires	Other Fires	TOTAL FIRES	Rescue /EMS
Albany	812	335	874	2,021	18,379
Allegany	95	45	91	231	371
Broome	335	223	392	951	9,178
Cattaraugus	198	89	238	526	2,168
Cayuga	224	61	182	467	5,155
Chautauqua	289	158	289	737	5,254
Chemung	289	108	273	670	5,867
Chenango	85	40	92	217	1,252
Clinton	194	78	187	459	2,220
Columbia	165	74	200	439	509
Cortland	59	46	120	226	2,192
Delaware	144	60	121	325	296
Dutchess	671	294	594	1,559	9,119
Erie	1,447	1,287	2,361	5,095	29,681
Essex	110	38	112	259	680
Franklin	182	49	206	437	1,823
Fulton	147	78	162	387	1,795
Genesee	115	86	143	344	2,584
Greene	139	65	157	362	482
Hamilton	23	25	19	67	138
Herkimer	128	85	115	328	3,545
Jefferson	291	97	373	762	3,834
Lewis	86	35	57	178	826
Livingston	141	65	160	366	314
Madison	175	69	202	445	2,569
Monroe	1,855	786	1,552	4,192	24,026
Montgomery	112	43	128	283	2,308
Nassau	1,411	1,146	2,404	4,961	20,394
Niagara	470	292	668	1,430	9,834
Oneida	729	285	397	1,411	8,609
Onondaga	1,344	495	955	2,794	17,755
Ontario	174	154	305	633	1,749
Orange	634	416	880	1,930	2,431
Orleans	119	49	118	287	803
Oswego	367	109	240	716	4,943
Otsego	147	59	140	346	2,127
Putnam	121	103	174	399	1,556
Rensselaer	425	165	553	1,143	4,767
Rockland	479	271	706	1,457	394
St. Lawrence	214	83	320	617	1,990
Saratoga	324	176	388	888	3,398
Schenectady	640	133	361	1,134	10,367
Schoharie	76	35	71	182	364
Schuyler	32	23	62	117	1,009
Seneca	43	26	78	146	145
Steuben	219	120	200	539	760
Suffolk	1,488	1,447	3,773	6,708	27,945
Sullivan	217	140	262	619	767
Tioga	106	62	153	320	861
Tompkins	147	58	148	353	2,395
Ulster	468	218	407	1,093	4,877
Warren	154	88	193	435	1,356
Washington	212	50	187	449	769
Wayne	203	122	297	623	2,419
Westchester	1,930	1,015	1,705	4,650	16,565
Wyoming	114	48	82	243	355
Yates	36	35	78	150	484
Total outside NYC	21,555	11,842	25,706	59,103	288,751
New York City	30,672	7,950	27,104	65,726	177,240
Statewide Total	52,227	19,792	52,810	124,829	465,991

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Master Data Table	Other Emergencies	False Calls	Total Incidents	Mutual Aid Given	Total Responses	Dollar Loss	Civilian Injuries	Civilian Deaths	Fire Svc. Injuries
Albany	5,449	3,057	28,906	2,358	31,264	\$17,225,119	39	6	65
Allegany	421	143	1,166	498	1,664	\$1,748,450	13	1	6
Broome	2,451	1,061	13,641	1,458	15,099	\$9,831,120	10	0	14
Cattaraugus	814	331	3,839	570	4,410	\$3,231,703	9	2	4
Cayuga	1,191	415	7,227	291	7,519	\$2,254,414	17	0	18
Chautauqua	2,062	656	8,708	892	9,601	\$3,534,504	15	4	37
Chemung	1,370	1,015	8,921	775	9,697	\$3,164,868	9	0	20
Chenango	404	189	2,062	136	2,198	\$675,250	2	2	11
Clinton	871	401	3,951	1,023	4,973	\$6,430,461	4	1	9
Columbia	1,146	462	2,557	557	3,113	\$6,516,427	2	2	10
Cortland	988	520	3,926	226	4,151	\$1,903,352	1	0	0
Delaware	386	94	1,100	259	1,359	\$4,412,648	1	0	1
Dutchess	6,344	3,317	20,339	1,327	21,667	\$2,046,351	30	0	32
Erie	8,069	6,225	49,069	2,677	51,747	\$23,623,917	23	0	98
Essex	363	130	1,433	456	1,889	\$2,978,557	3	0	9
Franklin	493	193	2,946	436	3,381	\$4,073,825	12	7	12
Fulton	1,343	402	3,927	230	4,157	\$1,842,149	16	0	13
Genesee	712	301	3,941	588	4,529	\$4,482,400	1	1	5
Greene	480	136	1,459	209	1,669	\$5,308,650	2	0	4
Hamilton	59	23	287	50	337	\$621,448	0	0	0
Herkimer	888	229	4,989	314	5,304	\$1,582,281	4	1	23
Jefferson	1,731	657	6,983	1,371	8,354	\$4,513,266	16	2	23
Lewis	189	82	1,275	180	1,455	\$3,030,250	2	0	2
Livingston	595	167	1,443	310	1,753	\$3,790,995	5	1	5
Madison	653	397	4,064	615	4,679	\$3,996,493	2	0	15
Monroe	14,938	6,821	49,977	1,104	51,081	\$13,274,499	34	3	15
Montgomery	695	380	3,666	441	4,107	\$3,485,100	2	0	16
Nassau	14,251	9,743	49,349	1,867	51,216	\$60,667,829	133	0	122
Niagara	2,304	1,190	14,757	808	15,565	\$14,548,044	48	2	77
Oneida	3,683	1,678	15,381	723	16,104	\$14,642,631	14	4	52
Onondaga	8,300	5,387	34,234	2,176	36,411	\$9,266,818	11	1	12
Ontario	1,686	785	4,853	529	5,383	\$3,547,785	7	1	7
Orange	5,475	3,357	13,193	1,968	15,161	\$17,760,878	14	2	33
Orleans	704	132	1,924	250	2,174	\$1,482,886	2	0	3
Oswego	1,224	325	7,207	585	7,792	\$5,908,555	5	0	11
Otsego	667	317	3,457	358	3,815	\$2,993,891	2	0	6
Putnam	1,237	479	3,671	342	4,013	\$5,729,407	8	0	8
Rensselaer	2,432	668	9,010	1,501	10,511	\$7,953,034	14	0	42
Rockland	2,284	2,570	6,704	365	7,069	\$10,605,787	6	0	12
St. Lawrence	1,070	342	4,019	681	4,700	\$6,223,384	3	0	21
Saratoga	2,034	711	7,031	1,031	8,063	\$19,356,493	11	1	15
Schenectady	2,339	1,361	15,200	578	15,778	\$3,585,723	33	1	60
Schoharie	210	89	845	326	1,171	\$6,833,358	4	0	1
Schuyler	154	111	1,391	181	1,572	\$642,300	1	1	0
Seneca	388	164	844	200	1,044	\$1,587,108	5	1	4
Steuben	1,403	415	3,118	557	3,675	\$7,451,384	14	0	20
Suffolk	13,437	9,106	57,195	3,092	60,287	\$58,176,937	65	6	116
Sullivan	1,182	354	2,922	630	3,552	\$7,463,058	3	3	21
Tioga	459	128	1,768	575	2,343	\$1,158,079	0	0	3
Tompkins	1,029	1,699	5,476	52	5,528	\$1,902,247	2	0	2
Ulster	3,845	1,002	10,817	1,057	11,874	\$7,801,425	8	5	24
Warren	860	335	2,986	341	3,327	\$8,434,700	3	1	4
Washington	734	176	2,127	458	2,585	\$3,314,572	5	0	17
Wayne	1,351	656	5,050	623	5,673	\$6,310,411	6	1	6
Westchester	16,077	10,771	48,063	1,035	49,098	\$48,396,805	70	6	268
Wyoming	271	32	901	394	1,295	\$1,857,524	1	3	3
Yates	279	141	1,053	146	1,198	\$1,256,997	2	0	5
Total outside NYC	146,472	82,026	576,351	42,782	619,133	\$486,438,544	776	72	1,446
New York City	108,130	96,170	447,266	0	447,266	\$775,534,089	2,743	145	7,837
Statewide Total	254,602	178,196	1,023,618	42,781	1,066,399	\$1,261,972,633	3,519	217	9,283

County Table 1	1990 Population	FD's in County	1996 fires	1997 fires	96-'97 Change	Fires /1000 pop.	1996 Str. Fires	1997 Str. Fires	96-'97 Change	Str fires /1000 pop.
Albany	292,594	39	1,789	2,021	12.9%	6.64	748	812	8.6%	2.77
Allegany	50,470	29	230	231	0.6%	3.05	121	95	-21.2%	1.88
Broome	212,160	36	859	951	10.7%	4.12	323	335	4.0%	1.58
Cattaraugus	84,234	36	332	526	58.2%	5.33	135	198	47.1%	2.35
Cayuga	82,313	29	441	467	5.8%	4.73	200	224	12.1%	2.72
Chautauqua	141,895	42	772	737	-4.6%	4.65	335	289	-13.6%	2.04
Chemung	95,195	20	564	670	18.7%	6.23	277	289	4.5%	3.04
Chenango	51,768	20	181	217	19.8%	2.70	87	85	-2.3%	1.63
Clinton	85,969	22	499	459	-8.2%	4.44	212	194	-8.2%	2.26
Columbia	62,982	31	383	439	14.8%	5.75	121	165	36.1%	2.62
Cortland	48,963	12	214	226	5.4%	3.04	57	59	3.8%	1.21
Delaware	47,225	29	269	325	20.7%	5.24	138	144	4.2%	3.04
Dutchess	259,462	37	1,228	1,559	27.0%	5.71	486	671	38.0%	2.59
Erie	968,532	92	5,582	5,095	-8.7%	5.18	1,576	1,447	-8.2%	1.49
Essex	37,152	24	184	259	41.0%	4.91	77	110	42.2%	2.95
Franklin	46,540	18	390	437	12.0%	7.74	182	182	0.1%	3.91
Fulton	54,191	17	306	387	26.4%	5.71	126	147	16.5%	2.71
Genesee	60,060	18	318	344	8.2%	4.45	132	115	-12.9%	1.91
Greene	44,739	27	365	362	-0.8%	6.36	177	139	-21.5%	3.10
Hamilton	5,279	11	29	67	134.2%	12.70	14	23	61.0%	4.37
Herkimer	65,797	21	302	328	8.4%	3.81	139	128	-7.7%	1.95
Jefferson	110,943	46	740	762	3.0%	6.17	291	291	0.0%	2.63
Lewis	26,796	14	138	178	28.8%	3.77	67	86	28.4%	3.21
Livingston	62,372	21	355	366	3.3%	4.64	149	141	-5.5%	2.26
Madison	69,120	24	443	445	0.5%	5.33	181	175	-3.5%	2.53
Monroe	713,968	36	4,210	4,192	-0.4%	5.76	1,799	1,855	3.1%	2.60
Montgomery	51,981	19	222	283	27.5%	3.96	73	112	53.4%	2.15
Nassau	1,287,348	69	4,424	4,961	12.1%	3.79	1,403	1,411	0.6%	1.10
Niagara	220,756	32	1,293	1,430	10.6%	6.13	490	470	-4.2%	2.13
Oneida	250,836	51	1,394	1,411	1.3%	5.32	724	729	0.8%	2.91
Onondaga	468,973	52	2,418	2,794	15.6%	5.79	1,241	1,344	8.3%	2.87
Ontario	95,101	27	586	633	8.1%	5.85	201	174	-13.5%	1.83
Orange	307,647	51	1,964	1,930	-1.7%	6.02	709	634	-10.7%	2.06
Orleans	41,846	12	225	287	27.4%	5.01	85	119	40.6%	2.86
Oswego	121,771	30	703	716	1.8%	5.25	362	367	1.4%	3.02
Otsego	60,517	31	345	346	0.3%	4.45	149	147	-1.4%	2.44
Putnam	83,941	14	381	399	4.6%	3.83	122	121	-0.1%	1.45
Rensselaer	154,429	42	1,107	1,143	3.3%	6.90	426	425	-0.1%	2.75
Rockland	265,475	26	1,280	1,457	13.8%	5.20	405	479	18.4%	1.81
St. Lawrence	111,974	43	790	617	-22.0%	4.82	323	214	-33.8%	1.91
Saratoga	181,276	34	854	888	4.0%	4.48	335	324	-3.2%	1.79
Schenectady	149,285	22	1,241	1,134	-8.7%	7.08	700	640	-8.5%	4.29
Schoharie	31,859	17	167	182	8.7%	3.30	83	76	-8.7%	2.37
Schuyler	18,662	9	105	117	11.4%	2.14	47	32	-31.9%	1.71
Seneca	33,683	13	163	146	-10.2%	2.06	60	43	-27.9%	1.28
Steuben	99,088	44	471	539	14.6%	4.67	184	219	18.9%	2.21
Suffolk	1,321,864	110	5,901	6,708	13.7%	5.02	1,599	1,488	-6.9%	1.13
Sullivan	69,277	40	563	619	9.9%	7.82	256	217	-15.4%	3.13
Tioga	52,337	15	210	320	52.4%	4.64	81	106	31.2%	2.02
Tompkins	94,097	16	418	353	-15.6%	2.93	192	147	-23.6%	1.56
Ulster	165,304	50	1,014	1,093	7.8%	6.15	404	468	15.8%	2.83
Warren	59,029	23	484	435	-10.1%	6.06	185	154	-16.8%	2.61
Washington	59,330	26	523	449	-14.1%	6.27	287	212	-26.1%	2.29
Wayne	89,123	29	477	623	30.7%	6.13	191	203	6.7%	2.28
Westchester	874,866	57	4,948	4,650	-6.0%	5.23	2,213	1,930	-12.8%	2.21
Wyoming	42,507	19	152	243	59.8%	3.91	67	114	69.7%	2.68
Yates	22,810	11	107	150	39.5%	3.18	31	36	16.3%	1.58
Total outside NYC	10,667,711	1,785	56,054	59,103	5.4%	5.53	21,776	21,555	-1.0%	2.02
New York City	7,322,564	1	68,010	65,726	-3.4%	8.97	28,531	30,672	7.5%	4.19
Statewide Total	17,990,275	1,786	124,064	124,829	0.6%	6.93	50,307	52,227	3.8%	2.90

County Table 2	1996 Vehicle Fires	1997 Vehicle Fires	96-'97 Change	Veh. Fires /1000 pop.	1996 Other Fires	1997 Other Fires	96-'97 Change	Oth. Fires /1000 pop.
Albany	421	335	-20.4%	1.14	620	874	40.9%	2.99
Allegany	48	45	-6.7%	0.87	61	91	49.7%	1.80
Broome	221	223	0.9%	1.05	315	392	24.4%	1.85
Cattaraugus	79	89	13.1%	1.05	118	238	101.0%	2.83
Cayuga	91	61	-32.9%	0.73	150	182	21.0%	2.21
Chautauqua	152	158	4.4%	1.11	286	289	1.1%	2.04
Chemung	126	108	-14.4%	1.12	162	273	68.6%	2.87
Chenango	42	40	-5.6%	0.75	52	92	76.9%	1.78
Clinton	86	78	-9.8%	0.89	202	187	-7.5%	2.17
Columbia	82	74	-9.2%	1.16	180	200	11.3%	3.18
Cortland	54	46	-14.6%	0.92	103	120	16.8%	2.46
Delaware	63	60	-4.7%	1.25	68	121	77.1%	2.56
Dutchess	282	294	4.4%	1.13	460	594	29.2%	2.29
Erie	1,566	1,287	-17.8%	1.33	2,441	2,361	-3.3%	2.44
Essex	45	38	-15.0%	1.00	62	112	80.0%	3.01
Franklin	68	49	-28.2%	1.03	140	206	47.0%	4.43
Fulton	69	78	12.7%	1.42	111	162	46.1%	2.99
Genesee	86	86	0.0%	1.42	100	143	43.0%	2.38
Greene	68	65	-4.4%	1.44	119	157	32.2%	3.52
Hamilton	6	25	600.0%	4.57	8	19	137.1%	3.57
Herkimer	64	85	32.5%	1.27	100	115	15.3%	1.75
Jefferson	87	97	11.3%	0.87	361	373	3.4%	3.37
Lewis	30	35	17.6%	1.27	41	57	37.5%	2.13
Livingston	85	65	-22.6%	1.03	121	160	32.4%	2.57
Madison	88	69	-21.7%	0.98	174	202	15.8%	2.92
Monroe	961	786	-18.3%	1.10	1,450	1,552	7.0%	2.17
Montgomery	68	43	-36.8%	0.81	81	128	58.0%	2.46
Nassau	1,316	1,146	-12.9%	0.89	1,705	2,404	41.0%	1.87
Niagara	324	292	-9.7%	1.32	478	668	39.6%	3.03
Oneida	274	285	4.1%	1.13	396	397	0.2%	1.58
Onondaga	468	495	5.8%	1.05	709	955	34.8%	2.04
Ontario	123	154	25.0%	1.61	262	305	16.7%	3.21
Orange	462	416	-10.0%	1.35	792	880	11.1%	2.86
Orleans	51	49	-4.1%	1.15	89	118	32.9%	2.83
Oswego	156	109	-30.2%	0.89	185	240	29.7%	1.97
Otsego	71	59	-16.8%	0.95	125	140	12.1%	2.31
Putnam	120	103	-13.6%	1.22	140	174	24.2%	2.07
Rensselaer	186	165	-11.3%	1.06	496	553	11.6%	3.58
Rockland	342	271	-20.8%	1.02	533	706	32.6%	2.66
St. Lawrence	119	83	-29.9%	0.73	349	320	-8.3%	2.85
Saratoga	203	176	-13.2%	0.97	316	388	22.7%	2.14
Schenectady	175	133	-24.0%	0.88	366	361	-1.6%	2.41
Schoharie	40	35	-12.8%	1.07	44	71	60.8%	2.24
Schuyler	25	23	-8.0%	1.18	33	62	87.9%	3.32
Seneca	31	26	-17.2%	0.73	72	78	7.4%	2.31
Steuben	126	120	-5.2%	1.20	160	200	25.2%	2.02
Suffolk	1,718	1,447	-15.8%	1.09	2,585	3,773	46.0%	2.85
Sullivan	141	140	-0.7%	2.00	166	262	58.0%	3.79
Tioga	46	62	32.5%	1.16	83	153	84.1%	2.92
Tompkins	67	58	-13.0%	0.61	159	148	-7.1%	1.57
Ulster	242	218	-10.1%	1.31	367	407	10.7%	2.46
Warren	96	88	-8.3%	1.47	203	193	-4.9%	3.27
Washington	59	50	-15.6%	0.82*	177	187	5.8%	3.15
Wayne	102	122	20.3%	1.36	184	297	61.2%	3.33
Westchester	1,118	1,015	-9.2%	1.16	1,617	1,705	5.4%	1.95
Wyoming	42	48	15.2%	1.10	44	82	87.1%	1.92
Yates	33	35	6.2%	1.50	43	78	81.7%	3.43
Total outside NYC	13,314	11,842	-11.1%	1.11	20,965	25,706	22.6%	2.41
New York City	11,864	7,950	-33.0%	1.09	27,615	27,104	-1.9%	3.70
Statewide Total	25,178	19,792	-21.4%	1.10	48,580	52,810	8.7%	2.94

County Table 3	1996 Resc. /EMS	1997 Resc. /EMS	96-97 Change	1996 Oth. Emerg.	1997 Oth. Emerg.	96-97 Change	1996 False Calls	1997 False Calls	96-97 Change
Albany	17,901	18,379	2.7%	5,815	5,449	-6.3%	2,998	3,057	2.0%
Allegany	343	371	8.2%	500	421	-15.8%	192	143	-25.5%
Broome	9,247	9,178	-0.8%	3,018	2,451	-18.8%	1,230	1,061	-13.7%
Cattaraugus	1,490	2,168	45.5%	757	814	7.6%	177	331	87.6%
Cayuga	5,650	5,155	-8.8%	2,149	1,191	-44.6%	486	415	-14.8%
Chautauqua	5,332	5,254	-1.5%	2,308	2,062	-10.7%	737	656	-11.0%
Chemung	4,715	5,867	24.4%	1,370	1,370	0.0%	831	1,015	22.2%
Chenango	308	1,252	306.7%	422	404	-4.3%	86	189	121.1%
Clinton	2,158	2,220	2.9%	1,078	871	-19.2%	387	401	3.7%
Columbia	446	509	14.1%	1,309	1,146	-12.4%	407	462	13.7%
Cortland	2,295	2,192	-4.5%	1,404	988	-29.6%	620	520	-16.1%
Delaware	258	296	14.5%	567	386	-32.0%	90	94	4.7%
Dutchess	6,497	9,119	40.4%	6,616	6,344	-4.1%	2,848	3,317	16.5%
Erie	30,735	29,681	-3.4%	7,779	8,069	3.7%	6,349	6,225	-2.0%
Essex	739	680	-8.0%	371	363	-2.2%	136	130	-4.3%
Franklin	1,757	1,823	3.8%	587	493	-16.1%	237	193	-18.5%
Fulton	1,706	1,795	5.2%	1,444	1,343	-7.0%	362	402	11.1%
Genesee	2,464	2,584	4.9%	815	712	-12.6%	315	301	-4.4%
Greene	434	482	11.0%	618	480	-22.4%	190	136	-28.1%
Hamilton	116	138	19.1%	40	59	47.6%	24	23	-3.4%
Herkimer	3,557	3,545	-0.3%	1,119	888	-20.6%	244	229	-6.1%
Jefferson	3,367	3,834	13.9%	2,118	1,731	-18.3%	677	657	-3.0%
Lewis	614	826	34.5%	197	189	-3.9%	61	82	35.4%
Livingston	313	314	0.3%	596	595	-0.2%	182	167	-8.3%
Madison	2,588	2,569	-0.8%	1,030	653	-36.6%	417	397	-4.7%
Monroe	21,151	24,026	13.6%	16,056	14,938	-7.0%	6,842	6,821	-0.3%
Montgomery	2,524	2,308	-8.6%	890	695	-21.9%	359	380	5.8%
Nassau	16,090	20,394	26.7%	14,649	14,251	-2.7%	9,677	9,743	0.7%
Niagara	9,262	9,834	6.2%	2,143	2,304	7.5%	1,008	1,190	18.0%
Oneida	11,620	8,609	-25.9%	4,005	3,683	-8.0%	1,868	1,678	-10.2%
Onondaga	18,443	17,755	-3.7%	8,469	8,300	-2.0%	5,727	5,387	-5.9%
Ontario	1,655	1,749	5.7%	2,063	1,686	-18.3%	850	785	-7.7%
Orange	2,698	2,431	-9.9%	7,503	5,475	-27.0%	3,823	3,357	-12.2%
Orleans	816	803	-1.6%	817	704	-13.9%	129	132	2.0%
Oswego	5,719	4,943	-13.6%	1,548	1,224	-20.9%	535	325	-39.3%
Otsego	2,311	2,127	-8.0%	998	667	-33.2%	293	317	8.4%
Putnam	1,169	1,556	33.1%	1,404	1,237	-11.9%	446	479	7.3%
Rensselaer	6,751	4,767	-29.4%	3,802	2,432	-36.0%	1,020	668	-34.5%
Rockland	160	394	145.7%	2,590	2,284	-11.8%	2,610	2,570	-1.5%
St. Lawrence	1,715	1,990	16.0%	1,736	1,070	-38.4%	539	342	-36.5%
Saratoga	3,082	3,398	10.3%	2,291	2,034	-11.2%	832	711	-14.5%
Schenectady	10,526	10,367	-1.5%	3,078	2,339	-24.0%	1,618	1,361	-15.9%
Schoharie	357	364	2.0%	229	210	-8.3%	96	89	-7.2%
Schuyler	691	1,009	46.0%	231	154	-33.3%	98	111	13.3%
Seneca	145	145	0.3%	571	388	-32.1%	163	164	0.5%
Steuben	880	760	-13.6%	1,788	1,403	-21.5%	423	415	-1.8%
Suffolk	28,435	27,945	-1.7%	16,359	13,437	-17.9%	8,704	9,106	4.6%
Sullivan	707	767	8.5%	1,514	1,182	-22.0%	328	354	7.8%
Tioga	859	861	0.2%	358	459	28.1%	70	128	83.1%
Tompkins	2,968	2,395	-19.3%	1,479	1,029	-30.4%	2,010	1,699	-15.5%
Ulster	5,225	4,877	-6.6%	4,755	3,845	-19.1%	1,037	1,002	-3.4%
Warren	1,340	1,356	1.2%	921	860	-6.6%	356	335	-5.9%
Washington	576	769	33.5%	772	734	-5.0%	120	176	46.2%
Wayne	2,241	2,419	7.9%	1,222	1,351	10.5%	544	656	20.8%
Westchester	17,335	16,565	-4.4%	18,137	16,077	-11.4%	10,909	10,771	-1.3%
Wyoming	377	355	-5.8%	261	271	4.0%	61	32	-48.0%
Yates	351	484	37.9%	349	279	-20.0%	127	141	10.4%
Total outside NYC	283,209	288,751	2.0%	167,013	146,472	-12.3%	83,501	82,026	-1.8%
New York City	88,307	177,240	100.7%	168,297	108,130	-35.8%	111,780	96,170	-14.0%
Statewide Total	371,516	465,991	25.4%	335,310	254,603	-24.1%	195,281	178,196	-8.7%

1997 Fire Rates per Thousand People

rank FIRES - ALL TYPES /1,000		rank STRUCTURE FIRES /1,000			
1	Seneca	2.06	1	Nassau	1.10
2	Schuyler	2.14	2	Suffolk	1.13
3	Chenango	2.70	3	Cortland	1.21
4	Tompkins	2.93	4	Seneca	1.28
5	Cortland	3.04	5	Putnam	1.45
6	Allegany	3.05	6	Erie	1.49
7	Yates	3.18	7	Tompkins	1.56
8	Schoharie	3.30	8	Broome	1.58
9	Lewis	3.77	9	Yates	1.58
10	Nassau	3.79	10	Chenango	1.63
11	Herkimer	3.81	11	Schuyler	1.71
12	Putnam	3.83	12	Saratoga	1.79
13	Wyoming	3.91	13	Rockland	1.81
14	Montgomery	3.96	14	Ontario	1.83
15	Broome	4.12	15	Allegany	1.88
16	Clinton	4.44	16	St. Lawrence	1.91
17	Genesee	4.45	17	Genesee	1.91
18	Otsego	4.45	18	Herkimer	1.95
19	Saratoga	4.48	19	Tioga	2.02
20	Livingston	4.64	20	Chautauqua	2.04
21	Tioga	4.64	21	Orange	2.06
22	Chautauqua	4.65	22	Niagara	2.13
23	Steuben	4.67	23	Montgomery	2.15
24	Cayuga	4.73	24	Westchester	2.21
25	St. Lawrence	4.82	25	Steuben	2.21
26	Essex	4.91	26	Livingston	2.26
27	Orleans	5.01	27	Clinton	2.26
28	Suffolk	5.02	28	Wayne	2.28
29	Erie	5.18	29	Washington	2.29
30	Rockland	5.20	30	Cattaraugus	2.35
Median 5.1888					
31	Westchester	5.23	31	Schoharie	2.37
32	Delaware	5.24	32	Otsego	2.44
33	Oswego	5.25	33	Madison	2.53
34	Oneida	5.32	34	Dutchess	2.59
35	Cattaraugus	5.33	35	Monroe	2.60
36	Madison	5.33	36	Warren	2.61
37	Dutchess	5.71	37	Columbia	2.62
38	Fulton	5.71	38	Jefferson	2.63
39	Columbia	5.75	39	Wyoming	2.68
40	Monroe	5.76	40	Fulton	2.71
41	Onondaga	5.79	41	Cayuga	2.72
42	Ontario	5.85	42	Rensselaer	2.75
43	Orange	6.02	43	Albany	2.77
44	Warren	6.06	44	Ulster	2.83
45	Wayne	6.13	45	Orleans	2.86
46	Niagara	6.13	46	Onondaga	2.87
47	Ulster	6.15	47	Oneida	2.91
48	Jefferson	6.17	48	Essex	2.95
49	Chemung	6.23	49	Oswego	3.02
50	Washington	6.27	50	Chemung	3.04
51	Greene	6.36	51	Delaware	3.04
52	Albany	6.64	52	Greene	3.10
53	Rensselaer	6.90	53	Sullivan	3.13
54	Schenectady	7.08	54	Lewis	3.21
55	Franklin	7.74	55	Franklin	3.91
56	Sullivan	7.82	56	New York City	4.19
57	New York City	8.97	57	Schenectady	4.29
58	Hamilton	12.70	58	Hamilton	4.37
State Rate		6.76	State Rate		2.90

GENERAL MUNICIPAL LAW SECTION 204- d requires all fire chiefs in the State to submit fire reports to the Office of Fire Prevention and Control. Of the 1,786 municipal fire departments in the state, 85.8 percent submitted reports for 1997. Analysis by OFPC indicates that these reports represent approximately 93 percent of all incidents which actually occurred.

100 percent counties and fire departments which submitted reports for all 12 months are shown in this color .

 Indicates departments which DID NOT submit reports.

All other fire departments listed below submitted reports for less than a full 12 months.

Albany County

39 depts 37 rptg

- Albany
-  Altamont
- Berne
- Boght Community
- Coeymans
- Coeymans-Hollow
- Cohoes
- Colonie
- Delmar
- Elsmere
- Fort Hunter
- Fuller Road
- Green Island
- Guilderland
- Guilderland Center
- Knox
- Latham
- Maplewood
- McKownville
- Medusa
- Menands
- Midway
- New Salem
- North Bethlehem
-  Onesquethaw
- Ravena
- Rensselaerville
- Schuyler Heights
- Selkirk
- Shaker Road
- Slingerlands
- Stanford Heights
- Tri-Village
- Verdoy
- Voorheesville
- Watervliet
-  West Albany
- Westerlo
- Westmere

Allegany County

29 depts 29 rptg

- A E Crandall H & L
- Alfred Station
- Allentown
- Alma
- Almond
- Andover
- Angelica
- Belfast
- Belmont
- Birdsall
- Bolivar
- Brooks Hose Co.
- Canaseraga
- Caneadea
- Centerville
- Clarksville
- Cuba
- Friendship
- Houghton
- New Hudson
- Oramel
- Richburg
- Rushford
- Scio
- Short Tract
- Wellsville
- Whitesville
- Willing
- Wiscoy-Rosburg

Broome County

36 depts 30 rptg

- Binghamton
- Castle Creek
- Chenango
-  Chenango Bridge
- Chenango Forks
- Choconut Center
- Conklin
- Deposit
-  East Maine
- Endicott
- Endwell
- Five Mile Point
- Glen Aubry
- Harpursville
- Hillcrest
- Johnson City
- Killawog
- Kirkwood
- Lisle
-  Maine
-  Naticoke
- Ouaquaga
- Port Crane
- Port Dickinson
- Prospect Terrace
- Sanitaria Springs
-  Town Of Binghamton
- Triangle
- Union Center
- Vestal
- Windsor
- West Colesville
- West Corners
- West Endicott
- West Windsor
- Whitney Point
-  Windsor

Cattaraugus County

36 depts 30 rptg

- Allegany
- Cattaraugus
- Coldspring
- Conewango
- Dayton
- Delevan
-  East Otto
- East Randolph
- Ellicottville
- Farmersville
- Franklinville
- Gowanda
-  Great Valley
-  Hinsdale
- Humphrey
- Ischua
- Kill Buck
-  Knapp Creek
- Leon
- Limestone
- Little Valley
- Lyndon
- Machias
-  Mansfield
- Olean (City)
- Olean (Town)
- Otto
- Perrysburg
- Portville
- Randolph
- Salamanca

- South Dayton
- Versailles
- Westons Mills
-  West Valley
- Yorkshire

Cayuga County

29 depts 29 rptg

- Auburn City
- Aurelius
- Aurora
- Cato
- Cayuga
- Conquest
- Fair Haven
- Fleming No. 1
- Fleming No. 2
- Genoa
- Ira
- King Ferry
- Locke
- Long Hill
- Meridian
- Montezuma
- Moravia
- New Hope
- Owasco
- Poplar Ridge
- Port Byron
- Scipio Center
- Sempronius
- Sennett
- Throop
- Union Springs
- Victory
- Weedsport
- West Niles

Chautauqua County

42 depts 42 rptg

- Ashville
- Bemus Point
- Brocton
- Busti
- Cassadaga
- Celeron
- Chautauqua
- Cherry Creek
- Clymer
- Dewittville
- Dunkirk
- East Dunkirk
- Ellery Center
- Ellington
- Falconer
- Findley Lake
- Fluvanna
- Forestville
- Fredonia
- Frewsburg
- Gerry
- Hanover Hose Co.
- Hartfield
- Irving
- Jamestown
- Kennedy
- Kiantone
- Lakewood
- Lily Dale
- Maple Springs
- Mayville
- Panama
- Portland
- Ripley
- Sheridan
- Sherman

- Silver Creek
- Sinclairville
- Stockton
- Sunset Bay
- West Dunkirk
- Westfield

Chemung County

20 depts 20 rptg

- Baldwin
- Big Flats
- Breesport
- Chemung
- East Hill
- Elmira
- Elmira Heights
- Erin
- Golden Glow
- Horseheads
- Millport
- Pine City
- Southport
- Tompkins Corners
- Town & Country
- Van Etten
- Webb Mills
- Wellsburg
- West Elmira
- West Hill

Chenango County

20 depts 16 rptg

- Afton
-  Bainbridge
- Borden
- Brisben
- Coventry
- Genegantslet
- Greene
-  Guilford
- McDonough
-  New Berlin
- North Norwich
- Norwich
- Oxford
- Pharsalia
-  Plymouth
- Preston
- Sherburne
- Smyrna
- South New Berlin
- South Otselic

Clinton County

22 depts 22 rptg

- Altona
- Beekmantown
- Cadyville
- Champlain
- Chazy
- Churubusco
- Cumberland Head
- Dannemora
- Ellenburg Center
- Ellenburg Depot
- Keeseville
- Lyon Mountain
- Mooers
- Morrisonville
- Peru
- Plattsburgh
- Plattsburgh No. 3
- Rescue Hose No. 5
- Rouses Point

- Saranac
- South Plattsburgh
- West Chazy

Columbia County

31 depts 31 rptg

- Ancram
- Canaan
- Chatham
- Churchtown
- Claverack
- Clermont
- Copake
- Craryville
- East Chatham
- Germantown
- Ghent
- Greenport
- Hillsdale
- Hudson
- Kinderhook
- Lebanon Valley
- Livingston
- Mellenville
- Niverville
- North Chatham
- Philmont
- Red Rock
- Stockport
- Stottville
- Stuyvesant
- Stuyvesant Falls
- Taghkanic
- Town of Austerlitz
- Tri-Village Fire Dist.
- Valatie
- West Ghent

Cortland County

12 depts 12 rptg

- Cincinnati
- Cortland
- Cortlandville
- Cuyler
- Harford
- Homer
- Marathon
- Mcgraw
- Preble
- Truxton
- Virgil
- Willet

Delaware County

29 depts 28 rptg

- Andes
-  Arena
- Arkville
- Bloomville
- Bovina Center
- Cooks Falls
- Davenport
- Delhi
- Downsville
- East Branch
- East Meridith
- Fleishmans
- Franklin
- Grand George
- Halcottsville
- Hancock
- Hobart
- Margaretville
- Masonville
- Meridale
- Pinders Corners
- Roxbury
- Sidney
- Sidney Center
- South Kortright
- Stamford
- Treadwell
- Trout Creek
- Walton

Dutchess County

37 depts 37 rptg

- Amenia
- Arlington
- Beacon
- Beekman
- Chelsea
- Dover

- Dutchess Junction
- East Clinton
- East Fishkill
- Fairview
- Fishkill
- Glenham
- Hillside
- Hughsonville
- Hyde Park
- La Grange
- Milan
- Millbrook
- Millerston
- New Hackensack
- New Hamburg
- Pawling
- Pine Plains
- Pleasant Valley
- Poughkeepsie
- Red Hook
- Rhinebeck
- Rhinecliff
- Rombout
- Roosevelt
- Staatsburg
- Stanford
- Tivoli
- Union Vale
- Wappingers Falls
- Wassiac
- West Clinton

Erie County

92 depts 76 rptg

- Akron
-  Alden
- Angola
- Armor
- Bellevue
- Big Tree
- Blasdell
- Blossom
- Boston
- Bowmansville
-  Brant
- Brighton
- Buffalo
- Chaffee-Sardinia
- Clarence
- Clarence Center
-  Cleveland Hill
- Colden
- Collins
- Collins Center
- Crittenden
- Depew
-  Doyle Hose No 1
- East Amherst
- East Aurora
- East Concord
- East Eden
-  East Seneca
- Eden
- Eggertsville Hose
- Ellicott Creek
- Eilwood
- Eima
- Evans Center
-  Farnham
- Forks Hose
- Getzville
-  Highland Hose
- Holland
- Hutchinson Hose
- Hy-View
-  Industrial FPD#1
- Jamison Road
- Kenilworth
- Kenmore
- Lackawanna
- Lake Erie Beach
- Lake Shore
- Lakeview
- Lancaster
- Langford-New Oregon
- Lawtons
- Main Transit
- Marilla
- Mill Grove
- Morton Corners
- Newstead
- Newton-Abbott

- North Amherst
- North Bailey
- North Boston
- North Collins
- ☛ North Evans
- Orchard Park/Windom
- Patchin
- ☛ Pine Hill Hose
- ☛ Rescue Hose
- Reserve Hose
- River Road
- Scranton
- Seneca Hose
- Sheridan Park
- ☛ Sloan
- Snyder
- ☛ South Line
- South Wales
- Spring Brook
- Springville
- ☛ Swormville
- Tonawanda
- ☛ Town Line
- Twin District
- Union
- U-Crest
- Vigilant
- Wales Center
- West Falls
- Winchester
- ☛ Woodlawn

- Meco
- Northville
- Oppenheim Center
- Perth Vol.
- Pleasant Square
- Rockwd-Caroga-Lassellsvl
- Sammonsville
- Sir William Johnson
- Stratford

Genesee County
18 depts 18 rptg

- Alabama
- Alexander
- Batavia City
- Batavia Town
- Bergen
- Bethany
- Byron
- Corfu
- Darien Center
- East Pembroke
- Elba
- Indian Falls
- Leroy
- Oakfield
- Pavilion
- Pembroke
- South Byron
- Stafford

Greene County
27 depts 26 rptg

- Ashland
- Athens
- Cairo
- Catskill
- Cornel Hook & Ladder
- Coxsackie
- Earlton
- East Durham
- East Jewett
- Freehold
- Greenville
- Haines Falls
- Hensonville
- Hunter
- Jewett
- Kiskatom
- Lanesville
- Leeds
- Lexington-Westkill
- Medway-Grapeville
- Oak Hill-Durham
- Palenville
- Prattsville
- ☛ Round Top
- Tannersville
- West Athens-Limestreet
- Windham

Essex County
24 depts 24 rptg

- Ausable Forks
- Bloomingtondale
- Chilson
- Crown Point
- Elizabethtown
- Essex
- Jay
- Keene
- Keene Valley
- Lake Placid
- Lewis
- Minerva
- Mineville-Witherbee
- Moriah
- Newcomb
- North Hudson
- Port Henry
- Schroon Lake
- Ticonderoga
- Upper Jay
- Wadhams
- Westport
- Whalloonsburg
- Willsboro
- Wilmington

Franklin County
18 depts 15 rptg

- Bangor
- ☛ Bombay
- Brushton
- Burke
- Chateaugay
- Constable
- Dickinson Center
- Duane
- ☛ Fort Covington
- Hogansburg
- Malone Call Firemen
- Moira
- ☛ Owls Head-Mt. View
- Paul Smith-Gabriels
- Saranac Lake
- St. Regis Falls
- Tupper Lake
- Westville

Fulton County
17 depts 17 rptg

- Berkshire
- Broadalbin
- Caroga Lake
- Ephratah
- Gloversville
- Hill Top
- Johnstown
- Mayfield Vol.

Hamilton County
11 depts 8 rptg

- ☛ Blue Mtn. Lake
- Hope
- Indian Lake
- Inlet
- Lake Pleasant
- Long Lake
- Morehouse
- Piseco
- ☛ Raquette Lake
- ☛ Speculator
- Wells

Herkimer County
21 depts 19 rptg

- Big Moose
- Cedarville
- Dolgeville
- Eagle Bay
- East Herkimer
- Frankfort
- Frankfort Center
- Frankfort Hill
- ☛ Gray
- Herkimer
- Ilion
- Little Falls
- Middleville
- Mohawk
- Newport

History of 100% Counties

	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	Years
Allegany																		14
Broome																		1
Cayuga																		12
Chautauqua																		4
Chemung																		16
Chenango																		8
Clinton																		7
Columbia																		2
Cortland																		17
Essex																		10
Fulton																		16
Genesee																		17
Jefferson																		9
Lewis																		1
Livingston																		14
Monroe																		16
Montgomery																		16
Niagara																		13
Oneida																		2
Onondaga																		1
Ontario																		3
Orange																		2
Orleans																		13
Oswego																		2
Putnam																		12
Rockland																		1
Saratoga																		4
Schoharie																		6
Schuyler																		17
Seneca																		2
Steuben																		2
Sullivan																		2
Tioga																		1
Tompkins																		11
Warren																		10
Washington																		1
Wayne																		3
Wyoming																		13
Yates																		13

Herkimer County cont'd

Old Forge
Poland
Salisbury
Schuyler
Van Hornesville
☛ West Winfield

Jefferson County

46 depts 46 rptg

Adams
Adams Center
Alexandria Bay
Antwerp
Belleville
Black River
Brownville
Calcium
Cape Vincent
Carthage
Champion
Chaumont
Clayton
Deferiet
Depaulville
Dexter
Ellisburg
Evans Mills
Felts Mills
Fishers Landing
Glen Park
Great Bend
Henderson
Herrings
Lafargeville
Lorraine
Mannsville
Natural Bridge
North Pole
Oxbow
Pamela
Philadelphia
Plessis
Redwood
Rodman
Rutland
Sackets Harbor
Smithville
Theresa
Three Mile Bay
Tylerville
Watertown (City)
Watertown (Town)
Wellesley—Thousand Is.
West Carthage
Worth

Lewis County

14 depts 14 rptg

Beaver Falls
Castorland
Constableville
Copenhagen
Croghan
Glenfield
Harrisville
Lowville
Lyons Falls
Martinsburg
New Bremen
Port Leyden
Turin
West Leyden

Livingston County

21 depts 21 rptg

Avon
Caledonia
Conesus
Cuylerville
Dansville
East Avon
Geneseo
Goveland
Hemlock
Lakeville
Leicester
Lima
Livonia
Mt. Morris
Nunda
Ossian

Retsof
Sparta Center
Springwater
West Sparta
York

Madison County

24 depts 24 rptg

Bridgeport
Brookfield
Canastota
Cazenovia
Chittenango
De Ruyter
Earlville
Eaton
Erieville
Georgetown
Hamilton
Hubbardsville
Leonardsville
Lincoln
Madison
Morrisville
Munnsville
New Woodstock
North Brookfield
North Chittenango
Oneida
Poolville
Smithfield
Wampsville

Monroe County

36 depts 36 rptg

Barnard
Brighton
Brockport
Busnell's Basin
Chili
Churchville
Clifton
East Rochester
Egypt
Fairport
Gates-Chili
Greece-Ridge
Hamlin
Henrietta
Hilton
Honeoye Falls
Lake Shore
Laurelton
Mendon
Morton
Mumfords
North Greece
Penfield
Pittsford
Ridge-Culver
Riverdale
Rochester
Rush
Scottsville
Sea Breeze
Spencerport
St. Paul Blvd
Walker
Webster
West Brighton
West Webster

Montgomery County

19 depts 19 rptg

Ames
Amsterdam
Burtonsville
Canajoharie
Charleston
Cranesville
Florida
Fonda
Fort Hunter
Fort Johnson
Fort Plain
Fultonville
Glen
Hagaman
Rural Grove
South Minden
St. Johnsville
Town Of Mohawk
Tribes Hill

Nassau County

69 depts 55 rptg

Albertson
Baldwin
☛ Bayville
Bellerose
Bellerose Terrace
☛ Bellmore
Bethpage
☛ Carle Place
East Meadow
East Norwich
East Rockaway
East Williston
Elmont
Farmingdale
Floral Park
Floral Park Centre
Franklin Square & Munson
Freeport
Garden City
Garden City Park
Glen Cove
Glenwood
Great Neck Alerts
☛ Great Neck Vigilants
Hempstead
Hewlett
Hicksville
Inwood
Island Park
Jericho
Lakeview
Lawrence-Ced.
Levittown

☛ Locust Valley

Long Beach

☛ Lynbrook

Malverne

☛ Manhasset-Lakeville

Massapequa
Meadowmere Park
Merrick

Mineola

New Hyde Park

North Bellmore

North Massapequa

North Merrick

Oceanside

Oyster Bay

☛ Plainview

☛ Plandome

Point Lookout-Lido

☛ Port Washington

Rockville Centre

Roosevelt

Roslyn

☛ Roslyn Highlands

Sea Cliff

Seaford

South Farmingdale

☛ South Floral Park

South Hempstead

Stewart Manor

Syosset

☛ Uniondale

Valley Stream

Wantagh

Westbury

☛ West Hempstead

Williston Park

Woodmere

Niagara County

32 depts 32 rptg

Adams
Barker
Bergholtz
Cambria
Frontier
Gasport
Hartland
Lewiston No. 1
Lewiston No. 2
Lockport
Middleport
Miller Hose
Niagara #1
Niagara Active
Niagara Falls
North Tonawanda

Olcott
Pekin
Ransomville
Rapids
St. Johnsburg
Sanborn
Shawnee
South Lockport
South Wilson
Terry
Terry's Corners
Wendellville
Wilson
Wolcottville
Wright's Corners
Youngstown

Oneida County

51 depts 50 rptg

☛ Barneveld

Boonville

Bridgewater

Camden

Cassville

Clark Mills

Clayville

Clinton

Deansboro

Deerfield

Durhamville

Florence

Floyd

Forestport

Holland Patent

Lairdsville

Lake Delta

Lee Center

Lowell

Maynard

McConnellsville

New Hartford

New London

New York Mills

North Bay

Oneida Castle

Oriskany

Oriskany Falls

Otter Lake

Paris Hill

Prospect

Remsen

Rome

Sauquoit

Sherill-Kenwood

Stanwix Heights

Stittville

Sylvan Beach

Taberg

Utica

Vernon

Vernon Center

Verona

Vienna

Waterville

Westernville

Westmoreland

Whitesboro

Willowdale

Woodgate

Yorkville

Kirkville

☛ Lafayette

Lakeside

Liverpool

☛ Lyncourt

Lysander

Manlius

Marcellus

Mattydale

☛ Memphis

☛ Minoa

Mottville

Moyers Corners

☛ Navarino

☛ Nedrow

North Syracuse

☛ Onondaga Hill

☛ Otisco

☛ Plainville

☛ Pompey Hill

☛ Seneca River

☛ Sentinel Heights

Skaneateles

Solvay

South Bay

South Onondaga

Southwood

☛ Spafford

Syracuse

Taunton

☛ Tully

Warners

Mountain Lodge
New Hampton
New Windsor
Newburgh
Orange Lake
Otisville
Pine Bush
Pine Island
Pocatello
Port Jervis
Salisbury Mills
Silver Lake
Slate Hill
South Blooming Grove
Sparrowbush
Tuxedo
Unionville
Vails Gate
Walden
Warwick
Washington Heights
Washingtonville
Winona Lake
Woodbury

Orleans County

12 depts 12 rptg

Albion
Barre
Carlton
Clarendon
East Shelby
Fancher Hulberton Murray
Holley
Kendall
Lyndonville
Medina
Ridgeway
Shelby

Oswego County

30 depts 27 rptg

Altmar
Caughdeny
Central Square
Cleveland
Cody
Constantia
Fulton
Granby Center
Hannibal
Hastings
Lacona
☛ Mexico
Minetto
☛ New Haven
Orwell
☛ Oswego
Oswego (Town)
Palermo
Parish
Pennellville
Phoenix
Pulaski
Redfield
Richland
Sandy Creek
Scriba
Volney
West Amboy
West Monroe
Williamstown

Otsego County

31 depts 28 rptg

Cherry Valley
Cooperstown
East Worcester
Edmeston
Fly Creek
Garrattsville
Gilbertsville
Hartwick
Hartwick Seminary
Laurens
Middlefield
Milford
☛ Morris
Mount Vision
Oneonta
☛ Oneonta Town
Otego

Pittsfield
 Richfield Springs
 Schenevus
 Schuyler Lake
 Springfield
 Unadilla
 Unadilla Forks
 Wells Bridge
 West Edmeston
West Exeter
 Westford
 West Laurens
 West Oneonta
 Worcester

Putnam County
 14 depts 14 rptg

Brewster
 Carmel
 Cold Spring
 Continental Village
 Garrison
 Kent
 Lake Carmel
 Mahopac
 Mahopac Falls
 N Highlands Engine Co No 1
 Nelsonville
 Patterson
 Putnam Lake
 Putnam Valley

Rensselaer County
 42 depts 39 rptg

Averill Park
 Berlin
 Best-Luther
 Brunswick No. 1
Buskirk
 Castleton
 Center Brunswick
 Clinton Heights
 Defreestville
 Eagle Mills
 East Greenbush
 East Schodack
 Grafton
 Hemstreet Park
 Hoags Corners
 Hoosick
 Hoosick Falls
 Hoosick Valley
 Johnsonville
 Melrose
 Mountain View
 Nassau
North Hoosick
 Petersburg
 Pittstown
 Pleasantdale
 Poestenkill
 Raymertown
 Rensselaer
 Schaghticoke
 Schodack Landing
 Schodack Valley
 South Schodack
 Speigletown
 Stephentown
 Taborton
Troy
 Tsatsawassa (Brainard)
 Valley Falls
 West Hoosick
 West Sand Lake
 Wynantskill

Rockland County
 26 depts 26 rptg

Blauvelt
 Central Nyack
 Congers
 Haverstraw
 Hillburn
 Hillcrest
 Monsey
 Nanuet
 New City
 Nyack
 Orangeburg
 Pearl River
 Piermont
 Rockland Lake

Sloatsburg
 South Spring Valley
 Sparkill
 Spring Valley
 Stony Point
 Suffern
 Tallman
 Tappan
 Thiells
 Valley Cottage
 West Haverstraw
 West Nyack

St. Lawrence County
 43 depts 30 rptg

Brasher Falls-Winthrop
 Brier Hill
 Canton
 Colton
Cranberry Lake
 De Kalb Junction
 Degrasse - Clare - S.Russell
Edwards
Fine
Gouverneur
 Hammond
 Hannawa Falls
 Helena
Herman
 Heuvelton
 Hopkinton-Ft.Jackson
 Lawrenceville
 Lisbon
 Louisville
 Madrid
 Massena
Morley
 Morristown
Newton Falls
 Nicholville
 Norfolk
 North Lawrence
 Norwood
 Ogdensburg
 Parishville
Pierceland
 Pierrepont
 Potsdam
Pvrites
 Racquette River
 Rensselaer Falls
 Richville
Russell
 South Colton
Star Lake
 Waddington
 West Potsdam
 West Stockholm

Saratoga County
 34 depts 32 rptg

Arvin Hart
 Ballston Lake
 Ballston Spa
 Burnt Hills
 Charlton
 Clifton Park
 Corinth
 Edinburg
Galway
 Ganesvoort
 Greenfield
 Halfmoon
 Harmony Corners
 Hillcrest
 Jonesville
 Malta Ridge
Mechanicville
 Milton Eagles
 Peck Hose
 Providence
 Quaker Springs
 Rexford
 Riverside
 Round Lake
 Saratoga Springs
 Schuylerville
 So. Glens Falls
 Stillwater
 Victory Mills
 Vischer Ferry

Waterford
 West Charlton
 West Crescent
 Wilton

Schenectady County
 22 depts 20 rptg

Alplaus
 Beukendal
 Carman
 Delanson
 Duanesburg
 East Glenville
Glenville Hills
 Mariaville
 Niskayuna No. 1
 Niskayuna No. 2
 Patersonville
 Pine Grove
 Plotterkill
 Quaker Street
 Rotterdam Dist No. 2
 Rotterdam Junction
 Schenectady
 Schonowe
 Scotia
 South Schenectady
Thomas Corners
 West Glenville

Schoharie County
 17 depts 17 rptg

Blenheim
 Carlisle
 Central Bridge
 Charlotteville
 Cobleskill
 Conesville
 Esperance
 Gallupville
 Huntersland
 Jefferson
 Livingstonville
 Middleburgh
 Richmondville
 Schoharie
 Sharon Springs
 Summit
 West Fulton

Schuyler County
 9 depts 9 rptg

Beaver Dams
 Burdett
 Mecklenburg
 Monterey
 Montour Falls
 Odessa
 Tyrone
 Valois, Logan & Hector
 Watkins Glen

Seneca County
 13 depts 13 rptg

Border City
 Canoga
 Fayette
 Interlaken
 Junius
 Lodi
 Magee
 Ovid
 Red Jacket
 Romulus
 Seneca Falls
 Varick
 Waterloo

Steuben County
 44 depts 36 rptg

Addison
 Arkport
 Atlanta
 Avoca
Bath
 Bradford
 Cameron
 Campbell
 Canisteo

Caton
 Cochocton
 Coopers Plains
 Corning
East Campbell
 East Corning
 Forest View-Gang Mills
 Fremont
 Gibson
 Greenwood
 Hammondsport
Hornby
 Hornell
Howard
 Jasper
 Kanona
Lindley-Presho
 North Corning
 North Hornell
Painted Post
 Perkinsville
 Prattsburg
 Pulteney
 Rexville - West Union
Savona
 South Corning
 South Dansville
 South Hornell
 Thurston
 Troupsburg
 Tuscarora Freeman
 Wallace
 Wayne
 Wayland
Woodhull

Suffolk County
 110 depts 58 rptg

Amagansett
Amityville
 Babylon
 Bayport
Bay Shore
 Bellport
Blue Point
 Bohemia
 Brentwood
Bridgehampton
Brookhaven
Center Moriches
Centereach
 Centerport
 Central Islip
Cherry Grove
 Cold Spring Harbor
 Commack
Copliague
Coram
 Cutchogue
Davis Park
 Deer Park
Dix Hills
Dunewood
East Brentwood
 East Farmingdale
 East Hampton
 East Islip
East Marion
East Moriches
 East Northport
East Quogue
 Eastport
Eaton's Neck
Fair Harbor
Farmingville
Fire Island Pines
Fishers Island
 Flanders
Gordon Heights
Great River
 Greenlawn
 Greenport
Hagerman
 Haleste
Hampton Bays
 Hauppauge
 Holbrook

Holtsville
 Huntington
 Huntington Manor
Islip
 Islip Terrace
 Jamesport
 Kings Park
Kismet
Lakeland
Lindenhurst
Manorville
Mastic
Mastic Beach
 Mattituck
 Medford
 Melville
 Middle Island
 Miller Place
Montauk
Mount Sinai
 Nesconset
Nissequoque
 North Amityville
North Babylon
 North Lindenhurst
 North Patchogue
 Northport
 North Sea
Ocean Bay Park
Ocean Beach
Orient
Patchogue
Point O' Woods
Port Jefferson
Quogue
 Ridge
Riverhead
Rocky Point
Ronkonkoma
 Sag Harbor
 St. James
Saltaire
 Sayville
Selden
 Setauket
Shelter Island
 Shelter Island Heights
 Smithtown
Sound Beach
 Southampton
 Southold
Springs
 Stony Brook
 Terryville
 Wading River
 West Babylon
 Westhampton Beach
 West Islip
 West Sayville
 Wyandanch
 Yaphank

Sullivan County
 40 depts 40 rptg

Beaverkill Valley
 Bloomingburg
 Callicoon
 Callicoon Center
 Claryville
 Forestburg
 Grahamsville
 Hankins
 Highland Lake
 Hortonville
 Hurlerville
 Jeffersonville
 Kauneonga Lake
 Kenosha Lake
 Lake Huntington
 Lava
 Liberty
 Livingston Manor
 Loch Sheldrake
 Long Eddy
 Lumberland
 Monticello
 Mountandale
 Narrowsburg
 Neversink

North Branch
 Rock Hill
 Roscoe/Rockland
 Smallwood-Mongaup Valley
 South Fallsburg
 Summitville
 Swan Lake
 Westbrookville
 White Lake
 White Sulphur Springs
 Woodbourne
 Woodridge
 Wurtsboro
 Youngsville
 Yulan

Tioga County
 15 depts 13 rptg

Apalachin
Berkshire
 Campville
Candor
 Halsey Valley
 Lockwood
 Newark Valley
 Nichols
 Owego
 Richford
 South Side
 Spencer
 Tioga Center
 Waverly
 Weltonville

Tompkins County
 16 depts 16 rptg

Brooktondale
 Cayuga Heights
 Ena
 Danby
 Dryden
 Enfield
 Freeville
 Groton
 Ithaca
 Lansing
 McLean
 Newfield
 Slaterville Springs
 Speedsville
 Trumansburg
 Varna

Ulster County
 50 depts 42 rptg

Accord
 Big Indian
 Bloomington
 Centerville
 Clintondale
 Connelly
 Cottekill
 Cragsmoor
 East Kingston
 Ellenville
 Esopus
 Gardiner
 Glasco
 High Falls
 Highland
Hurley
 Kerhonkson
 Kingston
Kripplebush
 Lamontville
 Malden-West Camp
 Marbletown
 Marlboro
 Milton
 Modena
Mt. Marion
 Napanoch-Warwarsing
 New Paltz
 Olive
 Phoenicia
 Pine Hill
 Plattekill
 Port Ewen
Rifton
 Rosendale

Ulster County cont'd

Ruby
St. Remy
Saugerties
Sawkill
Saxton
Shawangunk
Stone Ridge
Tillson
Ulster No. 1
Ulster No. 5
↔ Vly-Atwood
↔ Walker Valley
↔ Walkill
West Hurley
Woodstock

Warren County

23 depts 23 rptg

Bakers Mills
Bay Ridge
Bolton
Chestertown
Garnet Lake
Glens Falls
Hague
Horicon
Johnsburg
Lake George
Luzerne-Hadley
North Creek
North Queensbury
North River
Pottersville
Queensbury Central
Riverside
South Queensbury
Stony Creek
Thurman
Warrensburg
West Glens Falls
Wevertown

Washington County

26 depts 24 rptg

Argyle
Cambridge
Cossayuna
Dresden
Easton
Fort Ann
Fort Edward
Granville
Greenwich
Hampton
Hartford
Hebron
Hudson Falls
↔ Huletts Landing
Kingsbury
Middle Falls
Middle Granville
North Granville
Pilot Knob
↔ Putnam
Salem
Shushan
Skeensboro
West Fort Ann
White Creek
Whitehall

Wayne County

29 depts 25 rptg

Alton
↔ Clyde
East Palmyra
East Williamson
Fairville
Lincoln
Lyons
Macedon
Macedon Center
Marbletown
Marion
Newark
North Rose
Ontario
Palmyra

Pultneyville
Red Creek
Rose
Savannah
Sodus
↔ Sodus Center
↔ Sodus Point
↔ South Butler
Union Hill
Wallington
Walworth
West Walworth
Williamson
Wolcott

Westchester County

57 depts 53 rptg

↔ Archville
Ardsley
Armonk
↔ Banksville
Bedford Hills
Bedford Village
Briarcliff Manor
Buchanan
Chappaqua
Croton Falls
Croton On Hudson
Dobbs Ferry
Eastchester
Elmsford
Fairview
Goldens Bridge
Greenville
Harrison
Hartsdale
Hastings On Hudson
Hawthorne
Irvington
Katonah
Larchmont
Mamaroneck (Town)
Mamaroneck Village
Millwood
Mohegan Lake
Montrose
Mount Kisco
Mount Vernon
New Rochelle
North Tarrytown
↔ North White Plains
Ossining
Peekskill
Pelham
Pelham Manor
Pleasantville
Pocantico Hills
Port Chester
Pound Ridge
Purchase
↔ Rye
Rye Brook
Scarsdale
Somers
South Salem
Tarrytown
Thornwood
Valhalla
Verplanck
Vista
West Harrison
White Plains
Yonkers
Yorktown Heights

Wyoming County

19 depts 18 rptg

Arcade
Attica
Bennington
Bliss
Castile
Cowlesville
Gainsville
Genesee Falls
Harris Corners
North Java
Perry
Perry Center
Pike

Sheldon
Silver Springs
Strykersville
Varysburg
↔ Warsaw
Wyoming

Yates County

11 depts 11 rptg

Bellona
Benton
Branchport
Dresden
Dundee
Himrod
Keuka Park
Middlesex
Penn Yan
Potter
Rushville

New York City

Corrections Department

Adirondack
Albion
Alton
Arthur Kill
Attica
Auburn
Bayview
Beacon
Bare Hill
Bedford Hills
Buffalo
Butler ASATCF
Butler SICF
Camp Gabriels
Camp Georgetown
Camp Pharsalia
Cape Vincent
Cayuga
Chateaugay ASACTF
Clinton
Collins
Corrections Academy
Coxsackie
Downstate
Eastern
Edgecombe
Elmira
Fishkill
Franklin
Fulton
Gouverneur
Gowanda
Great Meadow
Greene
Green Haven
Groveland
Hale Creek ASATCF
Hudson CF
Lakeview ASATCF
Lakeview SICF
Lincoln
Livingston
Lyon Mountain
Marcy
Mid-Orange
Mid-State
Mohawk
Moriah SICF
Monterey SICF
Mt. McGregor
Ogdensburg
Oneida
Orleans
Otisville
Parkside
Queensboro
Riverview
Rochester
Shawangunk
Sing Sing
Southport
Sullivan
Summit SICF
Taconic
Ulster

Walkill
Washington
Watertown
Wende
Woodbourne
Wyoming

Office of Mental Health (OMH)

Bronx Psy Ctr
Middletown Psy Ctr

Office of Mental Retardation and Developmental Disabilities (OMRDD)

Broome Dev Ctr
Sunmount Dev Ctr
Taconic

Federal Fire Departments

Bath VA Hosp
F.D. Roosevelt VA Hosp
Griffiss Air Force Base
Hancock Air Nat'l Guard
Schenectady ANG Base
Seneca Army Depot
Stewart Air Force Base

Airport Fire Departments

Albany County Airport
Chemung Co. Airport
Edwin A. Link CFR
L.I. Macarthur Airport

Other Organizations

Alcan Aluminum
Air National Guard
Cargill Salt
Cattaraugus Indian Reservation
Coastal Lumber
ENCON Field Ofc - Schuyler
Grasslands
Indian Point PASNY
International Salt
ITT Automotive Fire Brigade
Marine Vol. F.D. Inc.
Shepard Niles
Willard Drug Treatment