Fire in New York
1998

**New York State Department of State
Office of Fire Prevention and Control**

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

Contents

Photo by Joseph J. Toomey, Fire Investigator, Albany Fire Department.

"The Empire State owes a lasting debt of gratitude to firefighters who have made the ultimate sacrifice while striving to protect the lives and property of others. Through their courageous actions and steadfast dedication, they have joined the ranks of America's greatest heroes.

As the son of a volunteer firefighter who proudly served his community for 50 years, I know from personal experience the profound honor and sacrifice associated with the American firefighting tradition. It is truly gratifying to know that the honorable work performed by our firefighters, who are imbued with such a selfless dedication to protecting human life, will never be forgotten by our citizens.

Members of the fire service provide one of the most crucial services to the residents of communities throughout New York State. All New Yorkers join in the spirit of this salute our State's fallen firefighters. May we always acknowledge, honor and revere the lives that have been spent in our defense. As citizens, we owe them and their families our deepest respect and eternal gratitude."

Governor George E. Pataki

Dedication of New York State Fallen Firefighters Memorial

October, 1999

FIRE IN NEW YORK is dedicated to those who made the ultimate sacrifice in 1998 while striving to protect the lives and property of others.

Lieutenant James W. Blackmore
New York City
June 5, 1998

Firefighter James Bohan
New York City
December 18, 1998

Firefighter Christopher Bopp
New York City
December 18, 1998

Lieutenant Joseph Cavalieri
New York City
December 18, 1998

Firefighter Walter A. Ernst
East Meadow, Nassau County
May 28, 1998

Captain (Juniors) Jake M. Hoeffner
Yaphank, Suffolk County
May 31, 1998

Firefighter Lloyd Jablin
South Spring Valley, Rockland County
June 5, 1998

Captain Scott J. LaPiedra
New York City
July 4, 1998

Firefighter Edward J. Matter, Jr.
Westford, Otsego County
March 8, 1998

Firefighter Daniel W. Mumford
West Haverstraw, Rockland County
May 9, 1998

Firefighter Raymond Nakovics
New York City
April 29, 1998

Lieutenant Robert F. Peters
Hastings-On-Hudson, Westchester County
August 29, 1998

Past Chief Thomas B. Rice
Village Of Perry, Wyoming County
November 9, 1998

Btn. Chief William J. Robertson
Greece-Ridge, Monroe County
April 25, 1998

Firefighter Harold E. Roemer
Greenlawn, Suffolk County
January 5, 1998

Lieutenant Lawrence D. Thrower
Sidney, Delaware County
October 24, 1998

New York State Fallen Firefighters Memorial

BEGINNING WITH *FIRE IN NEW YORK 1998*, fire and incident data will no longer be adjusted for non-reporting. Where comparisons are made with 1997, those numbers are also shown as actually reported, without adjustments.

Since the first publication of *Fire in New York* was issued in 1981, OFPC staff have employed various methods to estimate incidents in non or partially participating departments. The statewide totals without adjustment in this year's report should be roughly seven to eight percent lower than the previously adjusted totals.

New York City data no longer includes dollar loss or civilian injury estimates. New York City does not collect or report this information and in the past these numbers were based on computer extrapolation.

The 1998 deadline for submitting reports was March 1, 1999.

When the New York State Fire Reporting System began in 1977, 42 percent of the state's fire departments reported fire incident data. When the first *Fire in New York* report was released in 1981, fire reporting participation had increased to 69 percent. By 1997, nearly 86 percent of all fire departments reported their fire and emergency responses—an estimated 93 percent of all actual responses.

Statewide Totals

TWO–YEAR SUMMARY

Fires	New York City 1997	1998	Balance of State 1997	1998	State Total 1997	1998
Structure	30,672	29,281	19,310	15,194	49,975	44,432
Vehicle	7,950	9,359	10,249	7,292	18,199	16,651
Other	27,104	21,518	21,973	18,195	49,076	40,435
Total Fires	65,726	60,158	51,532	41,365	117,250	101,518
Rescue/EMS	177,240	172,101	254,797	210,899	432,033	383,000
Other Emergencies	108,130	110,662	128,449	119,951	236,577	230,613
Total Rescue/EMS/Other	285,370	282,763	383,246	330,850	668,610	613,613
False Calls	96,170	97,813	71,122	58,402	167,290	156,215
Total Incidents	447,266	440,734	505,900	430,608	953,150	871,346
Mutual Aid Given			37,998	34,264	37,998	34,264
Total Responses	447,266	440,734	543,898	464,842	991,148	905,610
Estimated Direct Dollar Loss Due to Fire	N/A	N/A	$418 Million	$293 Million	$418 Million	$293 Million

415 Civilian Injuries (excl. NYC)   **7,750 Firefighter Injuries**
159 Civilian Deaths   **16 Firefighter Deaths**

1998 Fire Rates per Thousand People

rank	FIRES – ALL TYPES	/1,000	rank	STRUCTURE FIRES	/1,000
1	Schenectady	1.75	1	Nassau	0.54
2	Nassau	1.79	2	Suffolk	0.56
3	Onondaga	2.05	3	Schenectady	0.64
4	Erie	2.18	4	Onondaga	0.66
5	Suffolk	2.50	5	Albany	0.85
6	Monroe	2.70	6	Cortland	0.92
7	Albany	2.77	7	Wayne	1.02
8	Cattaraugus	3.17	8	Cattaraugus	1.06
9	Chenango	3.21	9	Broome	1.21
10	Broome	3.26	10	Rockland	1.21
11	Cortland	3.74	11	Monroe	1.23
12	Wayne	3.79	12	Rensselaer	1.28
13	Herkimer	3.86	13	Herkimer	1.29
14	Rensselaer	3.91	14	St. Lawrence	1.32
15	St. Lawrence	3.91	15	Wyoming	1.34
16	Delaware	3.94	16	Putnam	1.38
17	New York	4.00	17	Ontario	1.39
18	Oswego	4.03	18	Chenango	1.39
19	Steuben	4.08	19	Seneca	1.40
20	Saratoga	4.15	20	Yates	1.40
21	Allegany	4.26	21	Saratoga	1.41
22	Washington	4.26	22	Livingston	1.46
23	Wyoming	4.31	23	Columbia	1.49
24	Westchester	4.39	24	Oswego	1.51
25	Oneida	4.39	25	Otsego	1.52
26	Otsego	4.43	26	Ulster	1.57
27	Putnam	4.44	27	Delaware	1.59
28	Fulton	4.47	28	Washington	1.63
29	Chemung	4.50	29	Montgomery	1.71
30	Ontario	4.53	30	Fulton	1.72
31	Yates	4.65	31	Tioga	1.76
32	Ulster	4.66	32	Steuben	1.77
33	Livingston	4.67	33	Orange	1.78
34	Tioga	4.70	34	Westchester	1.78
35	Clinton	4.73	35	Oneida	1.79
36	Seneca	4.81	36	Madison	1.84
37	Dutchess	4.86	37	Dutchess	1.86
38	Columbia	4.94	38	Orleans	1.86
39	Rockland	5.02	39	Genesee	1.95
40	Orange	5.03	40	Allegany	1.96
41	Chautauqua	5.07	41	Greene	1.97
42	Montgomery	5.10	42	Essex	2.05
43	Essex	5.22	43	Chemung	2.05
44	Orleans	5.26	44	Niagara	2.07
45	Cayuga	5.48	45	Clinton	2.08
46	Madison	5.48	46	Schuyler	2.09
47	Genesee	5.56	47	Chautauqua	2.17
48	Schuyler	5.63	48	Sullivan	2.18
49	Schoharie	5.71	49	Erie	2.31
50	Greene	5.72	50	Schoharie	2.42
51	Niagara	5.78	51	Cayuga	2.47
52	Lewis	5.86	52	Lewis	2.54
53	Sullivan	5.99	53	Warren	2.54
54	Jefferson	6.63	54	Jefferson	2.70
55	Hamilton	6.63	55	Franklin	2.88
56	Warren	7.47	56	Hamilton	3.03
57	Franklin	8.34	57	New York	4.00
58	Tompkins	N/A	58	Tompkins	N/A
	State Rate	**5.39**		**State Rate**	**2.43**

Median 4.496 (FIRES – ALL TYPES, between rank 38 and 39)

Median 1.712 (STRUCTURE FIRES, between rank 29 and 30)

Master Data Table	Structure Fires	Vehicle Fires	Other Fires	TOTAL FIRES	Rescue /EMS	Other Emergencies	False Calls	Total Incidents	Mutual Aid Given	Total Responses	Dollar Loss	Civ. Inj.	Civ. Dths.	Fire Svc. Inj.
Albany	253	152	421	826	3,924	3,242	1,243	9,235	1,846	11,081	$11,623,000	7	1	11
Allegany	99	31	85	215	460	394	92	1,161	503	1,664	$1,839,400	3	2	4
Broome	256	154	283	693	9,198	2,072	1,071	13,034	1,430	14,464	$3,693,750	8	0	25
Cattaraugus	91	55	130	276	738	421	135	1,570	520	2,090	$1,558,400	1	0	4
Cayuga	247	70	180	497	5,985	1,763	481	8,726	350	9,076	$2,494,200	5	2	17
Chautauqua	319	123	288	730	5,522	2,269	716	9,237	836	10,073	$3,193,450	21	4	0
Chemung	224	93	143	460	4,033	910	751	6,154	480	6,634	$3,083,750	6	0	27
Chenango	73	28	66	167	1,293	385	181	2,026	179	2,205	$1,951,050	0	0	2
Clinton	226	54	176	456	2,070	1,564	361	4,451	977	5,428	$9,779,800	2	1	4
Columbia	96	51	167	314	451	1,084	339	2,188	441	2,629	$3,094,050	3	2	4
Cortland	45	37	101	183	2,177	1,064	519	3,943	316	4,259	$1,314,900	0	0	0
Delaware	75	52	59	186	260	362	80	888	165	1,053	$1,486,950	1	0	1
Dutchess	522	224	562	1,308	8,567	4,551	3,190	17,616	1,094	18,710	$10,816,800	12	2	21
Erie	2,298	454	3,169	5,921	34,128	8,273	5,743	54,065	1,913	55,978	$14,026,350	13	2	43
Essex	81	32	88	201	781	553	149	1,684	363	2,047	$898,350	4	0	2
Franklin	159	53	204	416	2,194	1,560	282	4,452	394	4,846	$2,472,300	4	0	9
Fulton	95	40	109	244	1,660	1,188	192	3,284	202	3,486	$886,800	0	0	12
Genesee	117	72	145	334	2,926	982	227	4,469	566	5,035	$1,381,050	5	1	13
Greene	124	41	129	294	569	392	152	1,407	184	1,591	$3,627,250	1	0	1
Hamilton	16	1	18	35	70	40	6	151	34	185	$493,050	2	0	0
Herkimer	85	89	80	254	3,330	772	235	4,591	235	4,826	$3,497,600	7	2	6
Oneida	500	249	405	1,154	10,200	8,313	710	12,827	1,317	14,144	$9,944,050	11	1	20
Jefferson	314	98	339	751	3,053	882	66	1,807	224	2,031	$2,439,900	1	1	2
Onondaga	308	205	447	960	7,885	882	211	1,713	362	2,075	$3,792,700	1	0	6
Lewis	68	25	64	157	702	905	350	4,190	548	4,738	$2,847,650	5	0	13
Ontario	132	74	225	431	1,325	9,600	3,698	25,503	106	25,609	$4,882,100	0	0	1
Livingston	104	74	126	304	316	922	310	3,781	478	4,259	$1,346,700	3	3	16
Orange	551	311	694	1,556	3,092	863	285	3,440	329	3,769	$1,863,350	7	3	3
Madison	128	71	181	380	2,555	6,878	5,142	24,948	1,044	25,992	$26,126,900	60	0	57
Orleans	100	59	85	244	876	781	433	2,498	212	2,710	$2,467,600	7	1	8
Monroe	882	363	682	1,927	10,278	2,123	946	12,811	652	13,463	$15,356,151	22	1	94
Oswego	279	94	214	587	5,081	1,343	374	4,608	797	5,405	$1,970,950	2	0	7
Montgomery	89	71	105	265	2,284	3,891	1,459	16,704	604	17,308	$10,105,000	13	1	37
Otsego	92	48	128	268	2,024	1,778	2,425	5,696	407	6,103	$5,484,900	8	1	8
Nassau	692	573	1,043	2,308	10,620	3,736	1,712	14,293	2,104	16,397	$5,412,950	17	0	8
Putnam	116	72	185	373	911	2,728	300	5,231	543	5,774	$4,929,350	3	0	6
Niagara	457	208	611	1,276	8,466	1,565	651	3,972	407	4,379	$1,562,400	7	0	1
Rensselaer	197	102	305	604	2,287	1,834	813	6,898	1,239	8,137	$3,887,302	7	1	10
Rockland	321	265	747	1,333	160	4,158	2,918	11,724	1,582	13,306	$9,657,550	9	2	36
St. Lawrence	197	47	243	487	1,716	867	464	4,175	385	4,560	$2,060,300	3	0	8
Saratoga	256	142	354	752	3,499	747	123	1,990	227	2,217	$1,274,650	1	0	6
Schenectady	96	57	110	263	2,581	285	86	967	304	1,271	$10,217,950	0	0	0
Schoharie	77	33	72	182	414	1,307	312	7,287	605	7,892	$4,878,000	4	2	9
Schuyler	39	21	45	105	1,106	239	128	1,578	174	1,752	$340,950	2	0	0
Seneca	49	29	87	165	216	420	127	928	341	1,269	$6,329,400	0	1	1
Steuben	175	87	144	406	796	1,478	483	3,163	468	3,631	$4,450,550	11	1	12
Suffolk	742	680	1,887	3,309	13,421	7,589	5,351	29,670	1,703	31,373	$21,071,055	28	2	87
Sullivan	159	75	189	423	692	721	269	2,105	441	2,546	$4,860,160	10	3	9
Tioga	92	50	104	246	624	470	97	1,437	443	1,880	$2,556,650	0	0	3
Tompkins	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ulster	283	168	346	797	3,641	2,539	813	7,790	747	8,537	$2,432,400	7	0	5
Warren	150	71	220	441	1,660	889	315	3,305	315	3,620	$4,228,500	4	0	21
Washington	120	35	121	276	620	554	122	1,572	331	1,903	$2,028,350	1	1	7
Wayne	91	63	184	338	560	1,135	221	2,254	341	2,595	$2,577,150	2	0	4
Westchester	1,668	806	1,480	3,954	16,120	13,038	10,321	43,433	957	44,390	$22,998,550	53	8	141
Wyoming	92	43	83	218	342	376	48	984	353	1,337	$2,781,750	1	0	2
Yates	32	17	57	106	440	274	174	994	146	1,140	$581,550	0	0	0
Total outside NYC	15,149	7,292	18,915	41,356	210,899	119,9515	58,402	430,6085	34,264	464,872	$292,957,668	415	52	854
New York City	29,283	9,359	21,520	60,162	172,101	110,662	97,813	440,738	0	440,738	N/A	N/A	107	6,896
Statewide Total	44,432	16,651	40,435	101,518	383,000	230,613	156,215	871,346	34,264	905,610	$292,957,668	415	159	7,750

Causes and Areas of Origin (excluding NYC)

Property Type detail, showing five most prevalent areas of origin; three most prevalent fire causes are highlighted; does not include New York City.

All Residential

Cooking	25.7%
Heating	20.9%
Electrical Distribution	11.1%
Incendiary/Suspicious	8.7%
Appliance/Cord	8.3%
Other Equipment	5.5%
Smoking	5.2%
Open Flame	4.8%
Other Cause	4.7%
Children Playing	2.0%
Unknown	3.2%

Residential Areas of Origin

Kitchen/Cooking Area	31.3%
Sleeping Room — less than 5 People	10.1%
Lounge Area	9.5%
Chimney	9.3%
Crawl Space/Substructure	6.8%
All Other Areas	33.0%

Residential Property Types

Dwellings/1-2 Family	5,793	72.5%
Apartments/Tenements/Flats	1,734	21.7%
Rooming/Boarding/Lodging Houses	62	0.8%
Hotel/Motel/Inns/Lodgings	86	1.1%
Dormitories	99	1.2%
Home Hotels	8	0.1%
Other Residential	75	0.9%
Unclassified Residential	128	1.6%
Total Residential	7,985	100.0%

All Educational

Incendiary/Suspicious	32.8%
Cooking	13.4%
Electrical Distribution	10.0%
Other Equipment	9.4%
Heating	9.0%
Open Flame	8.4%
Smoking	5.4%
Appliance/Cord	5.4%
Unknown	2.7%
Other Cause	2.3%
Children Playing	1.3%

Educational Areas of Origin

Lavatory/Locker Room	24.1%
Kitchen/Cooking Area	17.7%
Hallway/Corridor	10.0%
Office	4.7%
Small Assembly Space	4.7%
All Other Areas	38.8%

Educational Property Types

Schools/Non-Residential	152	50.8%
Schools/Residential	60	20.1%
Trade, Business Schools	23	7.7%
College/University	52	17.4%
Unclassified Educational	12	4.0%
Total Educational	299	100.0%

All Public Assembly

Cooking	29.3%
Electrical Distribution	16.9%
Incendiary/Suspicious	11.8%
Heating	10.9%
Appliance/Cord	7.1%
Smoking	6.5%
Open Flame	4.7%
Other Cause	4.7%
Unknown	4.1%
Other Equipment	3.6%
Children Playing	0.3%

Public Assembly Areas of Origin

Kitchen/Cooking Area	32.8%
Crawl Space/Substructure	5.9%
Ceiling Roof Assembly	5.6%
Small Assembly Space	4.4%
Lavatory/Locker Room	3.8%
All Other Areas	47.5%

Public Assembly Property Types

Amusement/Recreation, Fixed Use	27	8.0%
Amusement/Recreation, Variable Use	33	9.8%
Churches/Funeral Homes	39	11.6%
Clubs	28	8.3%
Library/Museum/Courtroom	15	4.4%
Eating/Drinking Places	175	51.8%
Passenger Terminals	7	2.1%
Theaters/Studios	7	2.1%
Unclassified Public Assembly	7	2.1%
Total Public Assembly	338	100.0%

All Institutional

Incendiary/Suspicious	54.0%
Cooking	14.5%
Appliance/Cord	7.6%
Electrical Distribution	5.6%
Smoking	5.3%
Other Equipment	5.1%
Heating	3.9%
Open Flame	2.3%
Other Cause	0.8%
Unknown	0.6%
Children Playing	0.3%

Institutional Areas of Origin

Sleeping Room — less than 5 People	44.4%
Sleeping Room — more than 5 People	18.3%
Kitchen/Cooking Area	11.7%
Laundry Room/Area	4.3%
Unknown	3.3%
All Other Areas	18.2%

Institutional Property Types

Care of Aged	83	0.4%
Care of Young	16	10.4%
Care of Handicapped/Sick	87	10.9%
Care of Physically Restrained	553	69.3%
Care of Inconvenienced	17	2.1%
Care of Mentally Handicapped	39	2.1%
Unclassified Institutional	3	4.9%
Total Institutional	798	100.1%

All Stores & Offices

Electrical Distribution	22.7%
Appliance/Cord	13.8%
Incendiary/Suspicious	13.4%
Cooking	12.2%
Heating	9.1%
Other Equipment	6.8%
Smoking	5.6%
Open Flame	5.6%
Unknown	5.4%
Other Cause	5.1%
Children Playing	0.3%

Store and Office Areas of Origin

Kitchen/Cooking Area	12.5%
Sales/Showroom Area	8.3%
Office	8.0%
Ceiling Roof Assembly	5.9%
Laundry Room/Area	5.6%
All Other Areas	59.7%

Store and Office Property Types

Food/Beverage Sales	183	28.3%
Textile/Wearing Apparel Sales	19	2.9%
Household Goods Sales/Repair	20	3.1%
Specialty Shops	76	11.7%
Recreational/Hobby/Home Repair	26	4.0%
Professional Supply/Sales	91	14.1%
Motor Vehicle/Boat Sales	72	11.1%
General Item Stores	38	5.9%
Offices	109	16.9%
Unclassified Store/Office	13	2.0%
Total Store/Office	647	100.0%

Causes and Areas of Origin (excluding NYC)

The category "Industrial/Other" is comprised of four subgroups; Industrial, Manufacturing, Storage, and Special Property.

All Industrial

Cause	%
Other Equipment	30.4%
Electrical Distribution	14.5%
Appliance/Cord	11.6%
Incendiary/Suspicious	10.1%
Other Cause	8.7%
Cooking	7.2%
Heating	5.8%
Open Flame	4.3%
Unknown	4.3%
Children Playing	2.9%
Smoking	0.0%

All Manufacturing

Cause	%
Other Equipment	53.1%
Electrical Distribution	9.0%
Open Flame	7.7%
Other Cause	7.7%
Heating	5.8%
Incendiary/Suspicious	4.8%
Appliance/Cord	3.7%
Cooking	2.9%
Unknown	2.7%
Smoking	2.4%
Children Playing	0.3%

Industrial/Mfg./Other Areas of Origin

Area	%
Process/Manufacturing Area	25.3%
Machinery Room	13.0%
Product Storage Room	7.7%
Duct	6.9%
Storage, Not Classified	2.3%
All Other Areas	44.8%

All Storage

Cause	%
Incendiary/Suspicious	19.1%
Other Cause	14.7%
Heating	13.9%
Other Equipment	11.9%
Electrical Distribution	10.4%
Open Flame	10.3%
Unknown	9.1%
Children Playing	4.0%
Smoking	3.7%
Appliance/Cord	1.9%
Cooking	1.0%

All Special Property

Cause	%
Incendiary/Suspicious	35.7%
Other Equipment	14.3%
Open Flame	13.1%
Heating	8.3%
Other Cause	8.3%
Unknown	8.3%
Electrical Distribution	6.0%
Smoking	3.6%
Children Playing	1.2%
Appliance/Cord	1.2%
Cooking	0.0%

Industrial Property Types

Type	Count	%
Nucleonics	4	5.7%
Laboratories	7	10.0%
Communication/Defense/Documents	8	11.4%
Utilities	10	14.3%
Agriculture	21	30.0%
Forestry/Hunting/Fishing	2	2.9%
Mining/Quarry/Raw Materials	1	1.4%
Non-Metallic/Min Manufacturing	9	12.9%
Industry/Utility/Defense Unclassified	8	11.4%
Total Industrial	70	100.0%

Manufacturing Property Types

Type	Count	%
Food	25	6.6%
Beverage/Tobacco/Essential Oils	1	0.3%
Textiles	11	2.9%
Footware/Apparel/Leather/Rubber	1	0.3%
Wood/Furniture/Paper/Printing	72	19.1%
Chemicals/Plastics/Petroleum	32	8.5%
Metal/Metal Products	163	43.2%
Vehicle Assembly/Manufacturing	8	2.1%
Other Manufacturing	56	14.9%
Unclassified Manufacturing	8	2.1%
Total Manufacturing	377	100.0%

Storage Property Types

Type	Count	%
Agricultural Products Storage	219	33.0%
Textile Storage	3	0.5%
Processed Food/Tobacco Storage	5	0.8%
Petroleum Products/Alcohol Storage	3	0.5%
Wood/Paper Product Storage	25	3.8%
Chemical/Plastic Products Storage	4	0.6%
Metal Product Storage	22	3.3%
Vehicle Storage	315	47.4%
General Item Storage	58	8.7%
Unclassified Storage	10	1.5%
Total Storage	664	100.0%

Special Property Types

Type	Count	%
Construction/Unoccupied Property	18	21.4%
Special Structures	13	15.5%
Outdoor Properties	15	17.9%
Railroad Properties	10	11.9%
Road Property	19	22.6%
Equipment Operating Area	9	10.7%
Total Special Property	84	100.0%

Arson

Incendiary/Suspicious Fires

Of 36,892 fires where causes were reported, 4,489 (12.2 percent) listed the cause of fire as either incendiary or suspicious—a slight decrease from 12.6 percent last year; 451 of these involved juveniles.

Juvenile-Related Fires

Juveniles were involved in 1,224 (3.3 percent) of all fires reported. In addition to the 451 intentionally set fires mentioned above, juveniles were involved in 773 other fires where the cause was something other than incendiary or suspicious.

Arson as a Percent of All Fires

New York City Arsons

Within the City of New York, 8,373 fires were reported to the Bureau of Fire Investigation. Of these, 2,574 or 30.7 percent were listed as incendiary in nature. The Bureau reported that 2,269 of these incendiary fires occurred in structures, 260 were vehicles and the balance of 45 fires were other property types. The FDNY responded to many other fires that were not turned over to the Bureau of Fire Investigation. No causal information is available for these fires.

Arson Dollar Loss

Arson fires were responsible for more building dollar loss than any other cause, accounting for 18 percent of all structural dollar loss reported. Arson is the leading dollar loss cause for all nonresidential structure fires and second only to heating for residential fires.

Structure and Vehicle Arson

As illustrated, incendiary and suspicious fires were responsible for 14.28 percent of all structure fires in 1998. This is up nearly a full percentage point from the 13.3 percent reported last year. When juvenile fires are added in, the total comes to 16.25 percent of all structure fires. Arson is the leading cause of fires occurring in educational and institutional properties and is the third leading cause, behind heating and cooking, for residential fires.

Only 7.19 percent of all vehicle fires reported were listed as either incendiary or suspicious. This is the lowest percentage of incendiary or suspicious vehicle fires reported in ten years and represents a drop of nearly one full percentage point after several consecutive years of incremental increases in vehicle arson percentage.

Percentage of Structure and Mobile Property Fires with Cause Listed as Incendiary or Suspicious

Source: NYS OFPC Arson Bureau
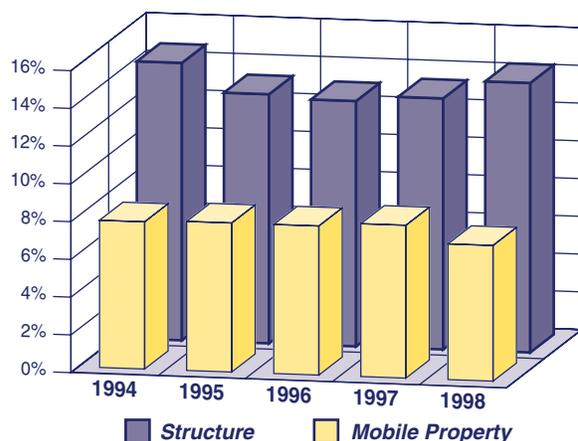
Arson

Arson by Region

New York City is home to 40.7 percent of the State's population. The 2,574 arsons reported by New York City's Bureau of Fire Investigation represent 32.8 percent of all arsons reported in New York State for the year. By contrast, for 1997, New York City reported 28.8 percent of all arsons.

The 11 Metro Counties (those with populations in excess of 250,000), contain 39.0 percent of the State's population. A total of 3,470, or 44.3 percent of all arsons were reported from Metro Counties in 1998. This is less than 1997 when Metro Counties accounted for 51.9 percent of all arsons in the State.

The remaining 46 suburban or rural counties combined contain just 20.3 percent of the State's population. For 1998, these counties reported 1,792, or 22.9 percent of all arsons. This percentage is up slightly from last year when these counties suffered 19.3 percent of all arsons.

■ **New York City**
■ **Metro Counties**
■ **Rural Counties**
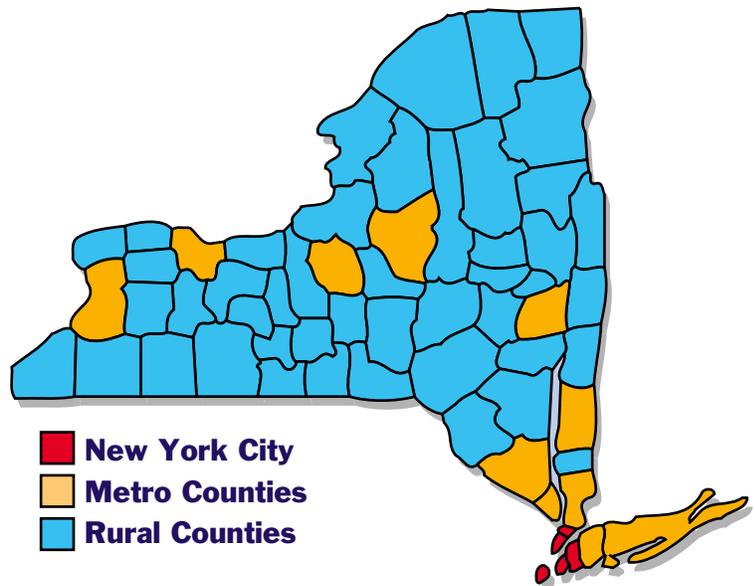
Incendiary Fires by Region

	Population		1997 Arsons	1998 Arsons
New York City	7,322,564	40.7%	28.8%	32.8%
Metro Counties	7,011,565	39.0%	51.9%	44.3%
Rural Counties	3,656,146	20.3%	19.3%	22.9%

Unknown Fire Causes

Fire in New York 1997 reported that the percentage of fires reported across the State from undetermined causes seemed to be increasing. As the accompanying chart illustrates, that trend may be changing.

Unknown structure fires were down statewide from 17.4 percent of all fires in 1997 to 15.3 percent in 1998. Unknown vehicle fires were also down slightly, from 28.7 to 28.15 percent.

Metro Counties had a lower percentage of unknown cause structure fires than Rural Counties–14.1 percent for Metro and 16.6 percent for Rural Counties. Rural Counties reported a lower percentage of unknown cause vehicle fires, but both are high–31.5 percent for Metro Counties and 23.5 percent for Rural Counties.

Percentage of Structure and Mobile Property Fires with Cause Listed as Unknown

Source: NYS OFPC Arson Bureau

■ *Structure* ■ *Mobile Property*
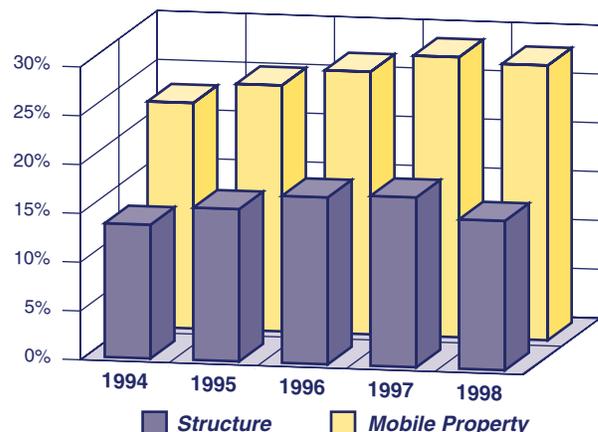
Casualties

Clowns, Clipboards and 5 Bucks

Civilian Fire Death History
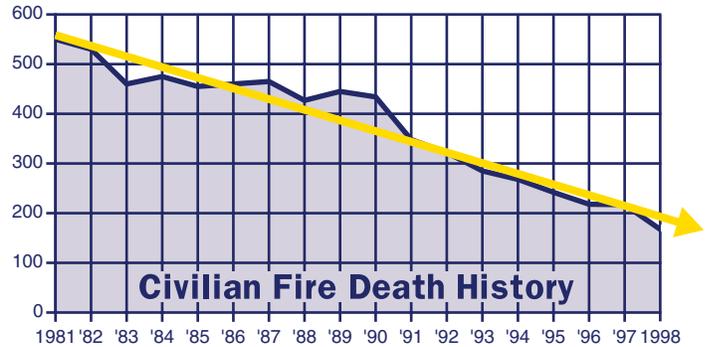
FIRE IN NEW YORK 1981 reported 550 civilian fire deaths; by 1998 that total had dropped below 200. Why? Among numerous factors contributing to this reduction, three stand out from the rest: fire safety education, code enforcement and the availability of low-cost smoke alarms.

Fire and life safety educators have led us into a safer world. They have used whatever means, conventional or not, to spread their message. Some go to clown school or learn puppetry to help get their message to younger children. Some conduct in-service training for hospital or nursing home staff. A local TV news reporter does her part when she mentions a child who was saved by remembering to "stop, drop and roll." A popular weekly network series shows a family choosing a meeting place for their home escape plan. Education comes in many forms.

The Uniform Fire Prevention and Building Code took effect in 1984 and enforcement of the Code was made mandatory, unlike with several previous codes. Not only did building construction improve, but the materials, products and systems themselves met higher standards. Fire chiefs became responsible for alerting code enforcement officials after certain types of fires. Local code officials in turn made sure that proper repairs were made and unsafe conditions corrected.

The "five dollar smoke alarm" is a life saver at less than half the price of a replacement battery for the earliest models. Combination units powered by 110 volt AC current with a battery backup feature can be purchased for around $30. Education and better code enforcement contribute to the increased use of smoke alarms. Smoke alarms are now mandatory in new construction and in all existing dwellings. Surely, improved smoke alarm technology—resulting in better products at much lower prices—has had a major effect by making this technology much more affordable.

In many cases, minor fires are handled without the fire department ever being called. Smoke alarms give early warning of a fire while it is still small and it is extinguished by the occupant. This "side-effect" of smoke detectors may be partly responsible for the number of civilians injured while attempting to extinguish a fire. Individuals in the 20-49 year age group are thought to be most likely to attempt fire control. Up from 38 percent in 1990, this age group now accounts for over 65 percent of all civilian injuries. While the standard advice when a smoke alarm sounds has always been to leave the building and call the fire department, it is human nature to attempt to control a small fire. Educators must continue to help the public understand how quickly a fire can grow, but at the same time provide information—such as the "put a lid on grease fires" campaign—to help the public decide when and how to attempt to extinguish a fire.

Nevertheless, those dedicated to fire and life safety remain committed to do all within their power, by whatever means, to continue to reduce the number of annual fire deaths and injuries.

Civilian Casualties

CIVILIAN FIRE DEATHS AND SMOKE ALARM PERFORMANCE

Civilian Deaths in Structure Fires

1 & 2 Family Dwellings (39.5%)
Apartments (36.4%)
Non-Residential Structures (24.0%)
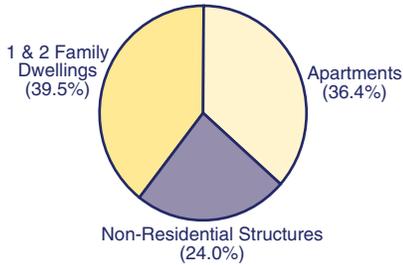
Residential Fire Deaths by Occupancy

1 & 2 Family Dwellings (51.0%)
Apartments (47.0%)
Other Residential (2.0%)
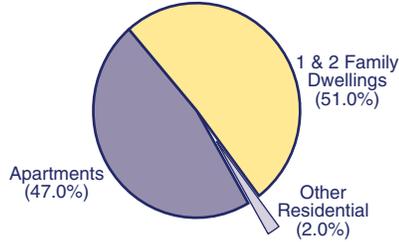
Smoke Detector Performance All Structure Fires

In Room/ Operated (25.7%)
Not in Room/ Operated (16.3%)
Operation Unknown (36%)
In Room/ Did Not Operate (4.3%)
Not in Room/ Did Not Operate (14.2%)
In Room/ Fire Too Small (3.7%)

Civilian Casualties by Activity at Time

	Deaths	Injuries
Escaping	35.5%	17.0%
Rescue	0.0%	5.6%
Fire Control	0.0%	27.7%
Cleanup	0.0%	0.6%
Sleeping	22.6%	7.2%
Unable to Act	32.3%	7.4%
Irrational Act	9.7%	4.2%
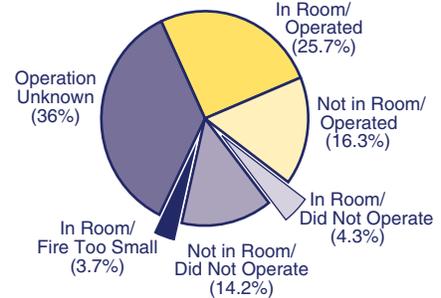
Civilian Casualties by Age vs. Population (1990 census)

Deaths | Injuries | % of Population

(Age groups: < 10, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+)

THE FIRE AND LIFE SAFETY EDUCATOR TASK FORCE

IN FALL 1998 Governor George E. Pataki signed into law an important legislative initiative. Originally introduced by Oneida County representatives of the Firemen's Association of the State of New York and strongly supported by the Legislature, an amendment to Executive Law Article 6-c, §156, 1a, directed the Office of Fire Prevention and Control to "advise and assist the State Education Department in the development of a specialized course of study for teachers of fire and arson prevention." In January 1999 Secretary of State Alexander F. Treadwell convened a 16-member Fire and Life Safety Educator Task Force to initiate the needed curriculum development activities. Members of the Task Force have diverse teaching backgrounds, from pre-K through college, and represent State agencies, fire organizations and life safety educators.

After extensive research into New York's life safety education requirements, the State Education Department assisted the Task Force with a fact-finding safety education inquiry mailed to 7,200 school officials. Based on 1,350 responses and other research, a 15-unit curriculum outline was established and college level instructional guides will be drafted. "These are truly exciting days in term of fire and life safety education," commented State Fire Administrator James Burns. "We're the first state in the nation to take this approach to teacher training and we thank our state's teachers, Education Commissioner Richard Mills and the dedicated members of the Secretary's Task Force for their efforts on this important project." The Task Force project is slated for pilot testing in Fall 2000 with projected delivery to New York's 101 teacher-training colleges by Fall 2001.

Fire Service Casualties

16 Firefighter Deaths

Firefighter Deaths by Age and Cause

Cause	16-19	20-29	30-39	40-49	50-59	60-69	70+	TOTAL
Heart				4	3	1		8
Burns		2		1				3
Collapse/Burns				2				2
Collapse/Trapped					1		1	2
Multiple Injuries	1							1
TOTAL	1	2	0	7	4	1	1	16

Firefighter Deaths by Cause

Burns (3)

Collapse/Burns (2)

Collapse/Trapped (2)

Multiple Injuries (1)

Heart (8)
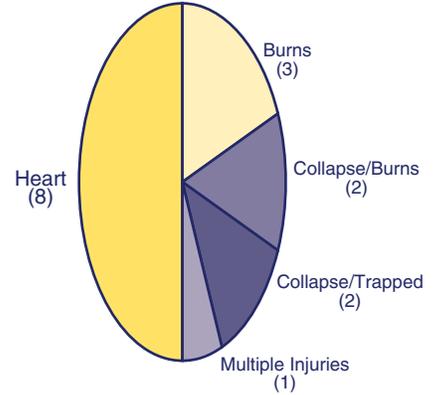
Firefighter Deaths by Age and Activity

Activity at Time of Injury	16-19	20-29	30-39	40-49	50-59	60-69	70+	TOTAL
Response/Return					1			1
Structure Fire/Suppression		2		3				5
Struct. Fire/Search & Rescue				2				2
Outside/Vehicle Fire				1	1			2
Drill/Training	1					1		2
Other/Not Determined				1	2		1	4
TOTAL	1	2	0	7	4	1	1	16

7,750 Firefighter Injuries

Photo by Richard Wersinger, Brighton Fire Department.

Firefighter Injuries by Activity

- Extinguishment — 37.7%
- Suppression Support — 20.1%
- Driving/Riding Apparatus — 10.0%
- Misc. Incident Scene — 10.6%
- Rescue — 11.5%
- Other Activity — 2.8%
- Station Activity — 3.9%
- Access/Egress — 3.4%
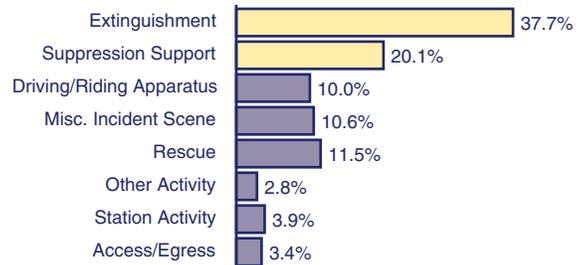
Firefighter Injuries – Major Symptoms –

- Abrasion — 2.4%
- Asphyxiation — 2.2%
- Burn — 7.8%
- Cardiac — 1.6%
- Contusion/Bruise — 5.2%
- Cut/Laceration/Bleeding — 8.1%
- Dizziness/Fainting — 5.7%
- Fracture — 1.5%
- Obstruction — 2.5%
- Pain Only — 23.4%
- Puncture Wound — 2.3%
- Shortness of Breath — 3.1%
- Sprain/Strain — 15.3%
- Swelling — 2.4%
- All Other Symptoms — 5.8%
- Unknown — 10.9%
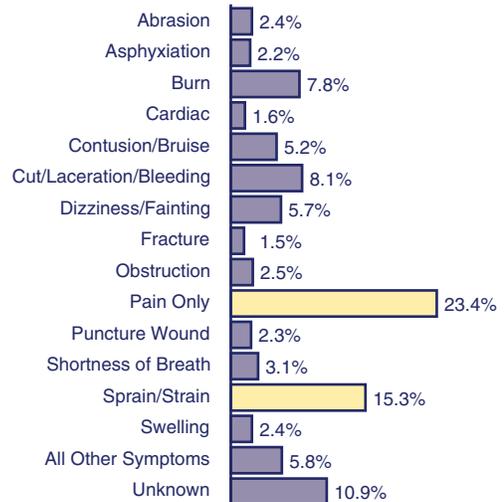
Hazardous Materials...
Alternative Fueled Vehicles

IN 1998, NATIONAL FOCUS TO reduce toxic gases and emissions released into the atmosphere started to have an impact on emergency responders. While factories and power generation stations were forced to reduce stack emissions the automobile industry was also coming under new pressure to develop vehicles that produced less pollutants and ultimately improve air quality. This challenge would lead to new fuel systems and power systems.

The term "Alternative Fueled Vehicle" and "Flexible Fuel Vehicle" started to become familiar terms. As the automobile industry geared up to meet this new challenge a wide variety of options were being explored. The electric vehicle was certainly not a new idea as this technology was used nearly 100 years ago. Propane powered vehicles had been in use for decades and natural gas powered vehicles was being experimented with in fleet vehicles.

In 1998 as the provisions of the Clear Air Act got closer to implementation, the auto industry started to develop alternative fuels and power plants. Liquefied Natural Gas (LNG) railroad locomotives were manufactured for use in California, Compressed Natural Gas (CNG) filling stations started to appear at many locations across the state, and the Hybrid vehicle using two different power systems started to be seen on the highways.

One unique vehicle being produced was called the *Flexible Fuel Vehicle* which could operate on gasoline, methanol, or a combination of the two. A computer built into the engine analyzes the fuel and adjusts the engine for optimum fuel consumption and operating performance. A new Hybrid vehicle was designed to use an energy-efficient diesel motor to power an electrical generator operating on as much as 480 volts. The electrical power would charge a bank of batteries on the vehicle which operated electric motors on the rear wheels.

When the vehicle needed additional power, such as when accelerating, the electrical power from both the batteries and the generator would go to the motors at the wheels for a smooth acceleration. The "Star Wars" concept on the drawing board was the Hydrogen Fuel Cell concept being developed by two leading manufacturers. This concept burned a fuel such as gasoline or methanol and produced hydrogen which was converted into electricity which recharged the bank of batteries that powered the vehicle. Emissions, such as carbon monoxide, were recycled into the combustion chamber and ultimately the only tail pipe emission is water vapor.

Today all of the options being researched or developed in 1998 are in production or are being field tested. The vehicle of the future is here. The alternative fueled vehicle will have an impact on emergency responders and the procedures they utilize to safely handle emergencies.

Hazardous Materials by Class of Material	1994	1995	1996	1997 *	1998 *	Five Year Total
Explosives	13	15	35	17	11	91
Gases	659	559	704	502	367	2,791
Flammable & Combustible Liquids	1,850	1,570	1,943	1,525	1,126	8,014
Spontaneously Combustible, Dangerous When Wet, & Flammable	45	34	18	29	35	161
Oxidizers & Organic Peroxides	27	8	9	9	6	59
Toxic Materials & Infectious Substances	35	42	48	27	25	177
Radioactive Materials	1	0	7	0	0	8
Corrosive Materials	48	41	133	38	37	297
Miscellaneous Dangerous Materials	146	101	271	111	70	699
Multiple Classes of Materials	29	42	24	46	42	183
Totals	2,853	2,412	3,192	2,304	1,719	12,480

* Does not include New York City

Fire Reporting System – Version 5.0

THE UNITED STATES FIRE Administration (USFA) has provided the leadership for fire reporting nationwide for many years. As such, we have witnessed several changes. The ultimate result of change is to obtain better information. This information is used in a variety of ways to define exactly what the fire problem is and what can be done to further reduce loss of life and damage.

New York State General Municipal Law (GML 204-d) requires that the fire chief of any fire department or company shall, to the extent reasonably possible, determine or cause to be determined, the cause of each fire or explosion which the fire department or company has been called to suppress. He shall file with the Office of Fire Prevention and Control of the Department of State a report containing such determination and any additional information required by such office regarding the fire or explosion. The report shall be in the form designated by such office. He shall contact or cause to be contacted the appropriate investigatory authority if he has reason to believe the fire or explosion is of incendiary or suspicious origin.

OFPC currently receives these reports in one of two methods, paper or electronic format. They are currently entered into the data base that resides on a main frame computer at the NYS Department of Motor Vehicles.

OFPC now uses a modified Version 4.1. When implemented, it was modified to shorten the reporting codes from three digits to two. The shortfall of this digit reduction is best explained as: a fire started with a hot water heater (coded Equipment Involved #12) but it is unknown whether the heating source was gas, oil, electric, or solar. The unknown element would have been identified by the third digit which was deleted to make the program's coding choices easier and less cumbersome to use in the field.

Version 5.0 is the newest system being endorsed by the USFA and supported by the National Fire Information Council (NFIC). Version 5.0 is intended to be a computer driven system with drop down option lists to expedite the completion of the form. We are aware that many departments do not have computer capability. Therefore, OFPC will continue to have a one page paper Version 5.0 available that will capture the most important information.

In the past OFPC approved software as NYS-compatible which allowed vendors to sell it. Now only the USFA can certify software. As of January 4, 2000, there were 96 vendors who submitted their software for evaluation with 12 being certified and 84 awaiting certification. It is important that any fire department contemplating the purchase of new Version 5.0 software verifies that it is certified. Electronic reports can only be accepted on certified software. A current listing of certified software vendors is available at the website of the Federal Emergency Management Agency (FEMA) at http://www.nfirs.fema.gov/VendorCert.htm or phone FEMA at (301) 447-1000. Fire departments should ask potential vendors for a copy of their certification letter.

OFPC's Implementation of Version 5.0

The Office of Fire Prevention and Control will operate two distinct fire reporting systems for at least two years. This will include the current system on the main frame computer and a PC based system.

1. The Office is in the process of ordering a computer with the capability of holding 5,000,000 incidents. We will be using a USFA approved statewide system by SUNPRO to collect Version 5.0 data. It can be submitted to OFPC via floppy disk or CD. This system is planned to be operational by March 31, 2000.

2. There is a request to develop a new data base system for the NYS Fiscal Year 2000-2001. If approved we will hire a contractor to write a USFA approved Version 5.0 program for NYS that will be operated on a new computer system. We will also incorporate a fire department Version 5.0 program that will be available for NYS fire departments. It is anticipated that the new system will incorporate some or all of the following features:

a. Electronic transfer from fire departments to OFPC by Internet, dial-up modem, floppy disk, or CD.

b. Public access to selected portions of the data base.

c. Fire department access to their data.

d. Easy utilization of data (user friendly).

e. Easy access for OFPC staff (i.e., fire investigation research).

3. Once the Version 5.0 software is in use, the paper form will be revised. This form will record the most vital information that can be captured on a single page. Forms will be scanned into the data base rather than keypunched.

4. By 2003 only one fire reporting data base will be utilized. It is our goal to have the years 1999, 2000, 2001 and 2002 converted from Version 4.1 and be on-line with the current year. Each year the oldest year on file will be archived to make room for the new year. The archived data will be stored on CD for easy research of the archives.

5. The USFA has offered the use of the federal computer to accept and store fire data directly from the fire departments rather than going through the State's representative. For a variety of reasons most states, including New York, have decided not to go this route and will develop their own system. Once OFPC is on-line, we will share our data with the USFA on a daily basis. Note: a fire department cannot utilize the USFA offer without the state's permission. We have received several requests asking permission to forward reports to USFA. The State Fire Administrator does not have the authority to grant a fire department permission to utilize the USFA offer and as identified under GML 204-d, incidents are to be reported to the New York State Office of Fire Prevention and Control.

*G*ENERAL *M*UNICIPAL *L*AW *S*ECTION *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 1998 data. The deadline for submitting data was March 1, 1999.

100 PERCENT COUNTIES AND FIRE DEPARTMENTS WHICH SUBMITTED REPORTS FOR ALL 12 MONTHS ARE SHOWN IN CAPITAL LETTERS.

☞ Indicates departments which DID NOT submit reports.

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

Albany County

☞ *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

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-ROSSBURG

Broome County

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*

Nanticoke
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

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

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

ASHVILLE
BEMUS POINT
BROCTON
BUSTI
CASSADAGA

CELORON
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

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

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

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

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

CINCINNATUS
CORTLAND
CORTLANDVILLE
CUYLER
HARFORD
HOMER
MARATHON
MCGRAW
PREBLE
TRUXTON
VIRGIL
WILLET

Delaware County

Andes
ARENA
ARKVILLE
Bloomville
BOVINA CENTER
Cooks Falls
DAVENPORT
DELHI
DOWNSVILLE
☞ *East Branch*
East Meridith
☞ *Fleishmans*
FRANKLIN
GRAND GORGE
HALCOTTSVILLE
HANCOCK
☞ *Hobart*
MARGARETVILLE
MASONVILLE
MERIDALE
Pinders Corners
ROXBURY
SIDNEY
SIDNEY CENTER
SOUTH KORTRIGHT
☞ *Stamford*
TREADWELL
Trout Creek
WALTON

Dutchess County

AMENIA
ARLINGTON
BEACON
BEEKMAN
CHELSEA
DOVER
DUTCHESS JUNCTION
EAST CLINTON
EAST FISHKILL
FAIRVIEW
FISHKILL
GLENHAM
HILLSIDE
HUGHSONVILLE
HYDE PARK
LA GRANGE
MILAN
MILLBROOK
MILLERTON
NEW HACKENSACK
NEW HAMBURG
PAWLING
PINE PLAINS
PLEASANT VALLEY
POUGHKEEPSIE
RED HOOK
RHINEBECK
RHINECLIFF
ROMBOUT

ROOSEVELT
STAATSBURG
STANFORD
TIVOLI
UNION VALE
WAPPINGERS FALLS
WASSAIC
WEST CLINTON

Erie County

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
☞ *Ellwood*
ELMA
EVANS CENTER
Farnham
FORKS HOSE
GETZVILLE
☞ *Grand Island*
HAMBURG
HARRIS HILL
☞ *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*

Essex County

AUSABLE FORKS
BLOOMINGDALE
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
WHALLONSBURG
WILLSBORO
WILMINGTON

Franklin County

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

BERKSHIRE
BROADALBIN
CAROGA LAKE
Ephratah
GLOVERSVILLE
HILL TOP
☞ *Johnstown*
☞ *Mayfield Vol.*
MECO
NORTHVILLE
OPPENHEIM CENTER
PERTH VOL.
PLEASANT SQUARE
ROCKWD-CAROGA-LASSELLSVLE
SAMMONSVILLE
SIR WILLIAM JOHNSON
STRATFORD

Genesee County

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

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

Hamilton County

BLUE MTN. LAKE
HOPE
INDIAN LAKE
Inlet
Lake Pleasant
Long Lake
☛ Morehouse
Piseco
☛ Raquette Lake
☛ Speculator
WELLS

Herkimer County

☛ Big Moose
CEDARVILLE
☛ Dolgeville
EAGLE BAY
EAST HERKIMER
FRANKFORT
FRANKFORT CENTER
FRANKFORT HILL
☛ Gray
HERKIMER
ILION
LITTLE FALLS
MIDDLEVILLE
MOHAWK
NEWPORT
Old Forge
Poland
Salisbury
SCHUYLER
VAN HORNESVILLE
☛ West Winfield

Jefferson County

ADAMS
ADAMS CENTER
ALEXANDRIA BAY
ANTWERP
BELLEVILLE
BLACK RIVER
BROWNVILLE
CALCIUM
CAPE VINCENT
CARTHAGE
CHAMPION
CHAUMONT
CLAYTON
DEFERIET
DEPAUVILLE
DEXTER
ELLISBURG
EVANS MILLS
FELTS MILLS
FISHERS LANDING
GLEN PARK
GREAT BEND
HENDERSON
HERRINGS
LAFARGEVILLE
LORRAINE
MANNSVILLE
NATURAL BRIDGE
NORTH POLE
OXBOW
PAMELIA
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

BEAVER FALLS
CASTORLAND
CONSTABLEVILLE
COPENHAGEN
CROGHAN
GLENFIELD
HARRISVILLE
LOWVILLE
LYONS FALLS
MARTINSBURG
NEW BREMEN
PORT LEYDEN
TURIN
WEST LEYDEN

Livingston County

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

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

☛ 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
☛ Mumford
☛ North Greece
☛ Penfield
☛ Pittsford
☛ Ridge-Culver
☛ Riverdale
ROCHESTER
☛ Rush
☛ Scottsville
☛ Sea Breeze
☛ Spencerport
☛ St. Paul Blvd
☛ Walker
☛ Webster
☛ West Brighton
☛ West Webster

Montgomery County

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

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
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
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

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
WENDELVILLE
WILSON
WOLCOTTSVILLE
WRIGHT'S CORNERS
YOUNGSTOWN

Oneida County

☛ 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
WILLOWVALE
WOODGATE
YORKVILLE

Onondaga County

☛ Amber
☛ Apulia
BALDWINSVILLE
Belgium Cold Spring
☛ Borodino
BREWERTON
Camillus
☛ Cicero
CLAY
☛ Delphi Falls
DEWITT
EAST SYRACUSE
ELBRIDGE
FABIUS
☛ Fairmount
FAYETTEVILLE
HINSDALE
☛ Howlett Hill
JAMESVILLE
Jordan
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

Ontario County

BRISTOL
CANANDAIGUA
CHESHIRE
CLIFTON SPRINGS
CRYSTAL BEACH
EAST BLOOMFIELD
☛ Farmington
☛ Fishers
GENEVA
☛ Gorham
HALL
☛ Honeoye Richman
HOPEWELL
☛ Ionia
MANCHESTER
NAPLES
NORTH SIDE
OAKS CORNERS
PHELPS
PORT GIBSON
SENECA CASTLE
SHORTSVILLE
STANLEY
VICTOR
WEST BLOOMFIELD
WEST LAKE ROAD
WHITE SPRINGS

Orange County

BULLVILLE
CAMPBELL HALL
CHESTER
CIRCLEVILLE
COLDENHAM
CORNWALL
CORNWALL–ON–HUDSON
CRONOMER VALLEY
CUDDEBACKVILLE
FLORIDA
FT. MONTGOMERY
GOOD WILL
GOSHEN
GREENVILLE
GREENWOOD LAKE
HARRIMAN
HIGHLAND FALLS
HOWELLS
HUGUENOT
JOHNSON
LAKESIDE
MAYBROOK
MECHANICSTOWN
MIDDLE HOPE
MIDDLETOWN
MONROE
MONTGOMERY
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

ALBION
BARRE
CARLTON
CLARENDON
EAST SHELBY
FANCHER HULBERTON
MURRAY
HOLLEY
KENDALL
LYNDONVILLE
MEDINA
RIDGEWAY
SHELBY

Oswego County

☛ Altmar
CAUGHDENOY
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

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

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

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

BLAUVELT
CENTRAL NYACK
CONGERS
HAVERSTRAW
HILLBURN
HILLCREST
MONSEY
NANUET
NEW CITY
NYACK
ORANGEBURG

Rockland County (cont'd)

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

☞ Brasher Falls–Winthrop
BRIER HILL
CANTON
COLTON
Cranberry Lake
☞ De Kalb Junction
☞ Degrasse–Clare–S.Russell
☞ Edwards
☞ Fine
☞ Gouverneur
☞ Hammond
HANNAWA FALLS
Helena
Hermon
HEUVELTON
Hopkinton–Ft.Jackson
Lawrenceville
LISBON
Louisville
☞ Madrid
MASSENA
☞ Morley
☞ Morristown
☞ Newton Falls
Nicholville
NORFOLK
North Lawrence
NORWOOD
OGDENSBURG
PARISHVILLE
☞ Piercefield
Pierrepont
☞ Potsdam
☞ Pyrites
☞ Racquette River
RENSSELAER FALLS
RICHVILLE
☞ Russell
SOUTH COLTON
☞ Star Lake
WADDINGTON
☞ West Potsdam
WEST STOCKHOLM

Saratoga County

ARVIN HART
BALLSTON LAKE
BALLSTON SPA
Burnt Hills
CHARLTON
CLIFTON PARK
CORINTH
EDINBURG
☞ Galway
GANSEVOORT
GREENFIELD
HALFMOON
HARMONY CORNERS
HILLCREST
JONESVILLE
MALTA RIDGE
☞ Mechanicville
MILTON EAGLES
PECK HOSE
Providence
QUAKER SPRINGS
REXFORD
Riverside
ROUND LAKE
SARATOGA SPRINGS
SCHUYLERVILLE
SOUTH GLENS FALLS
Stillwater
VICTORY MILLS
VISCHER FERRY
WATERFORD
West Charlton
WEST CRESCENT
WILTON

Schenectady County

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

BLENHEIM
CARLISLE
CENTRAL BRIDGE
CHARLOTTEVILLE
COBLESKILL
CONESVILLE
ESPERANCE
GALLUPVILLE
HUNTERSLAND
JEFFERSON
LIVINGSTONVILLE
MIDDLEBURGH
RICHMONDVILLE
SCHOHARIE
SHARON SPRINGS
SUMMIT
WEST FULTON

Schuyler County

BEAVER DAMS
BURDETT
MECKLENBURG
MONTEREY
MONTOUR FALLS
ODESSA
TYRONE
VALOIS, LOGAN & HECTOR
WATKINS GLEN

Seneca County

BORDER CITY
CANOGA
FAYETTE
INTERLAKEN
JUNIUS
LODI
MAGEE
OVID
RED JACKET
ROMULUS
SENECA FALLS
VARICK
WATERLOO

Steuben County

ADDISON
ARKPORT
Atlanta
AVOCA
BATH
Bradford
Cameron
CAMPBELL
CANISTEO
Caton
COHOCTON
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

☞ 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
☞ Copiague
☞ 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
HALESITE
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
☞ Nissequogue
NORTH AMITYVILLE
☞ North Bablyon
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

BEAVERKILL VALLEY
BLOOMINGBURG
Callicoon
Callicoon Center
CLARYVILLE
FORESTBURG
GRAHAMSVILLE
HANKINS
HIGHLAND LAKE
HORTONVILLE
HURLEYVILLE
JEFFERSONVILLE
KAUNEONGA LAKE
KENOZA LAKE
LAKE HUNTINGTON
LAVA
LIBERTY
LIVINGSTON MANOR
LOCH SHELDRAKE
LONG EDDY
LUMBERLAND
MONTICELLO
☞ Mountaindale
NARROWSBURG
NEVERSINK
North Branch
☞ Rock Hill
ROSCOE/ROCKLAND
☞ Smallwood-Mongaup Valley
☞ South Fallsburg
SUMMITVILLE
SWAN LAKE
WESTBROOKVILLE
WHITE LAKE
WHITE SULFUR SPRINGS
Woodbourne
Woodridge
WURTSBORO
YOUNGSVILLE
YULAN

Tioga County

APALACHIN
BERKSHIRE
CAMPVILLE
CANDOR
HALSEY VALLEY
LOCKWOOD
NEWARK VALLEY
NICHOLS
OWEGO
RICHFORD
SOUTH SIDE
SPENCER
TIOGA CENTER
WAVERLY
WELTONVILLE

Tompkins County

☞ Brooktondale
☞ Cayuga Heights
☞ Etna
☞ Danby
☞ Dryden
☞ Enfield
☞ Freeville
☞ Groton
ITHACA
☞ Lansing
☞ McLean
☞ Newfield
☞ Slaterville Springs
☞ Speedsville
☞ Trumansburg
☞ Varna

Ulster County

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
Ruby
ST. REMY
☞ Saugerties
SAWKILL
☞ Saxton
☞ Shawangunk
STONE RIDGE
TILLSON
ULSTER NO. 1
ULSTER NO. 5
☞ Vly–Atwood
☞ Walker Valley
☞ Wallkill
WEST HURLEY
WOODSTOCK

Warren County

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

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

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

- 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

- **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

- **BELLONA**
- **BENTON**
- **BRANCHPORT**
- **DRESDEN**
- **DUNDEE**
- **HIMROD**
- **KEUKA PARK**
- **MIDDLESEX**
- **PENN YAN**
- **POTTER**
- **RUSHVILLE**

NEW YORK CITY

Corrections Department

- **ADIRONDACK**
  - Albion
- **ALTONA**
  - 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
- Wallkill
WASHINGTON
- Watertown
WENDE
WOODBOURNE
WYOMING

Office of Mental Health (OMH)

- Bronx Psy Ctr
- Harlem Valley Psy Ctr

OMRDD

– Office of Mental Retardation and Developmental Disabilities –

- Broome Dev Ctr
- Sunmount Dev Ctr

Federal Fire Departments

- 106th Civil Engineer Squadron
- **BATH VA HOSP**
  - F.D. Roosevelt VA Hosp
  - Hancock Air Nat'l Guard
- **SCHENECTADY ANG BASE**
  - Seneca Army Depot
  - Stewart Air Force Base

Airport Fire Departments

- **ALBANY INT'L AIRPORT**
- **CHEMUNG CO. AIRPORT**
- **EDWIN A. LINK CFR**
- **L.I. MACARTHUR AIRPORT**

Other Organizations

- Alcan Aluminum
- **ALLEGANY INDIAN RESERVATION**
- **AIR NATIONAL GUARD**
- **CARGIL SALT**
- **COASTAL LUMBER**
- **ENCON FIELD OFC - SCHUYLER**
- **INTERNATIONAL SALT**
  - ITT Automotive Fire Brigade
  - Metro-North Commuter Railroad
- **SHEPARD NILES**
  - SUNY Purchase
- **TACONIC**
  - Willard Drug Treatment

HISTORY OF 100% COUNTIES

	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	Years
Allegany																			14
Broome																			1
Cayuga																			13
Chautauqua																			5
Chemung																			17
Chenango																			8
Clinton																			8
Columbia																			3
Cortland																			**18**
Dutchess																			1
Essex																			11
Fulton																			16
Genesee																			**18**
Jefferson																			10
Lewis																			2
Livingston																			15
Monroe																			16
Montgomery																			17
Niagara																			14
Oneida																			2
Onondaga																			1
Ontario																			3
Orange																			3
Orleans																			14
Oswego																			2
Otsego																			1
Putnam																			13
Rockland																			2
Saratoga																			4
Schoharie																			7
Schuyler																			**18**
Seneca																			3
Steuben																			2
Sullivan																			2
Tioga																			2
Tompkins																			11
Warren																			11
Washington																			1
Wayne																			3
Wyoming																			14
Yates																			14