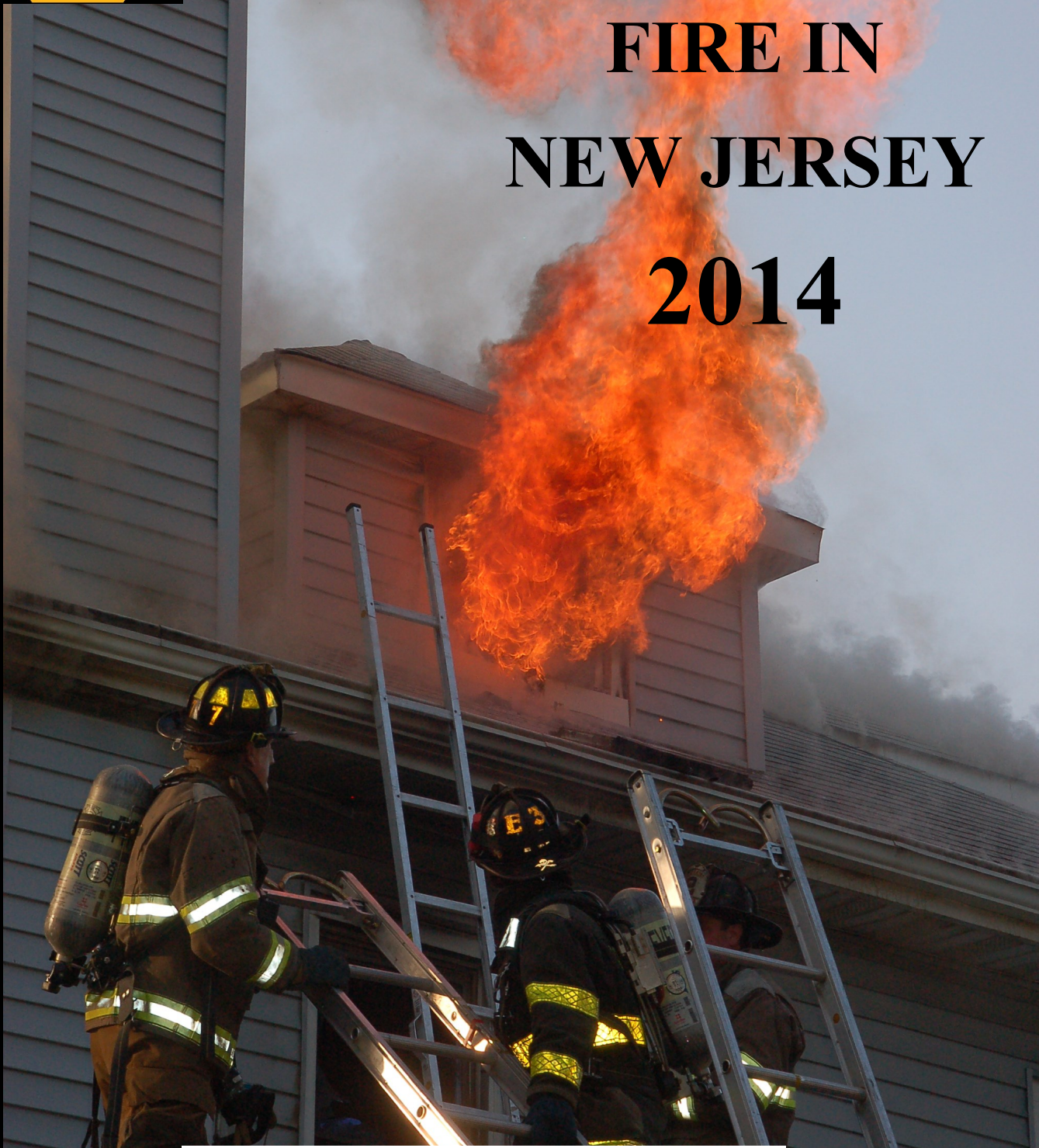




FIRE IN NEW JERSEY 2014



Division of Fire Safety
State of New Jersey
Department of Community Affairs



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State of New Jersey
DEPARTMENT OF COMMUNITY AFFAIRS
101 SOUTH BROAD STREET
PO BOX 051
TRENTON, NJ 08625-0051

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHARLES A. RICHMAN
Commissioner

October, 2015

The Department of Community Affairs and its Division of Fire Safety are pleased to present, Fire in New Jersey 2014. This annual report analyses data provided voluntarily from over 86% of New Jersey Fire Departments. It allows us to identify where and why fires occur so that we can amend fire codes and develop fire safety education programs to combat the fire problem.

This report would not be possible if it were not for the participation of the vast majority of New Jersey's Fire Departments. The percentage of departments providing their response data exceed that in many States where reporting is mandatory. In addition, the staff of the Division of Fire Safety's Fire Incident Reporting Unit work tirelessly with fire departments to ensure that their data is not only submitted, but is as accurate as possible. And lastly, guidance from the New Jersey Fire Safety Commission's Statistics and Information Advisory Council helps us to maintain strategies to encourage participation as well as analyses the data and make recommendations to the full commission.

The fire service no longer responds to just fires. It is responsible to respond to many types of emergency situations, and this report captures those activities as well. We encourage you to review the report and support the challenges that the fire service faces in protecting the lives and property of the residents of New Jersey.

Charles A. Richman
Commissioner

William Kramer, Jr.
Acting Director/State Fire Marshal



DEDICATION

We honor the firefighters who selflessly gave their lives to protect the citizens of their communities.

Cosmo Paris

Cliffside Park Fire Department

Gregory D. Barnas

Wallington Fire Department

Joseph E. Bove

Spotswood Fire Department

Robert Meyer

Union Beach Fire Department

Richard Choate

Byram Township Fire Department

Christopher Hunter

Cinnaminson Fire Department

Arthur "Art" Treon

*Deputy OEM/Fire Coordinator,
Cape May County
Town Bank Volunteer Fire Company*

James Woods

Jersey City Fire Department

FIRE IN NEW JERSEY

2014

PREPARED BY:
Heather Puskar-Allen
State Program Manager/Supervisor
Fire Incident Reporting Unit

New Jersey Division of Fire Safety
P.O. Box 809
Trenton, New Jersey 08625

CONGRATULATIONS
TO THE FOLLOWING COUNTIES
FOR 100% PARTICIPATION

ESSEX
HUDSON
HUNTERDON



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INTRODUCTION

FIRE IN NEW JERSEY 2014 is a statistical analysis of fire and emergency incidents in New Jersey. The data collected and used in the formulation of this report comes from fire departments throughout New Jersey that participate in the National Fire Incident Reporting System (NFIRS). Fire service personnel enter incident data into their fire department computer-based NFIRS database and, on a monthly basis, submit their data to the Division of Fire Safety. The Division receives the fire department data, processes it into the State NFIRS database and forwards the data to the Federal NFIRS database.

NFIRS BACKGROUND

The Federal Fire Prevention and Control Act of 1974 (P.L. 93-948) authorized the National Fire Data Center in the United States Fire Administration (USFA) to gather and analyze information on the frequency, causes, spread, and extinguishment of fires; on the number, nature and causes of injuries and deaths resulting from fires and on property loss.

FIRE INCIDENT REPORTING IN NEW JERSEY

The data used in this report is from fire departments that participate in the NFIRS. The statutes that created the Division of Fire Safety call for the Division to administer a fire incident reporting system in accordance with N.J.S.A. 52:27D-25d.(d.) To encourage participation, the Division of Fire Safety provides reference materials, incident field notes, and training to fire departments. The incident data that fire departments submit to the Division is forwarded to the National Fire Data Center at the United States Fire Administration. The Division began implementation of NFIRS 5 in 1999 and all of the data used in this report is from NFIRS 5. NFIRS 5 is an all-incident based reporting system which captures the many different types of incidents to which fire departments respond. Please see pages [75 to 81](#) for a complete list of incident types.



Picture courtesy of Chris Tompkins:
Westfield, New Jersey; September 1, 2014

Front cover picture courtesy of Bill Tompkins—*Cliffside Park, New Jersey; August 11, 2014*

Dedication page picture courtesy of John Honer.

NFIRS CONTACT INFORMATION

The Division of Fire Safety provides NFIRS staff to assist fire departments with NFIRS training and technical support. Please feel free to contact the NFIRS Unit for assistance.

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This report would not be possible without the hard work, support and dedication of the NFIRS staff.

REPORT CONTENTS

The 2014 data presented in this report is representative of the incident data that was submitted to the Division of Fire Safety's NFIRS Unit by April 30, 2015. Data received has been processed into the State and Federal databases.

(Please refer to the "Fire Department Participation Addendum" to see if your fire department has contributed to the information in this report.)

Based upon incidents received, New Jersey fire departments responded 413,926 times to 363,524 incidents in 2014.

Data submission is broken down as follows:

Of the 724 fire departments in the state, 636 (87%) submitted data.

Note: 20 fire departments submitted less than six months of data.

88 fire departments did not submit any data.

Please Note: 274 (43%) of the 636 fire departments that reported, submitted dollar loss information.

Fire Department Changes:

Camden County - Gloucester Township Fire Districts 5 & 6 (FDID# 04087) split back into two separate fire departments, Lambs Terrace (FDID# 04085) and Erial (FDID# 04086).

Cumberland County - Shiloh Fire Department (FDID# 06350) closed and will be covered by Hopewell-Stow Creek Fire Company (FDID# 06210).

Mercer County - Hamilton Fire District #3 (FDID# 11013) and Hamilton Fire District #4 (FDID# 11014) merged into Hamilton Township Fire Districts (FDID# 11001).

Ocean County - Pinewood Estates Fire Department (FDID# 15012) closed and will be covered by Barnegat Fire Company #1 (FDID# 15011).

Ocean County - Breton Woods Fire Company (FDID# 15021), Pioneer Hose Fire Company (FDID# 15022), Laurelton Fire Company (FDID# 15023), and Herbertsville Fire Company (FDID# 15024) merged into Brick Township Fire Department (FDID# 15077).


Data in this report does not include military installation fire department data. Military installation fire departments submit their NFIRS data directly to the Department of Defense.

All of the charts included in this report are based on 2014 totals unless otherwise specified.


FAST STATS FOR 2014

- ♦ **8** firefighters died in the line of duty. ([Page 13](#))
- ♦ **589** firefighter injuries were reported. ([Page 14](#))
- ♦ **81** civilians lost their lives as a result of fire. ([Page 19](#))
- ♦ **64 (79%)** of all civilian fire fatalities occurred in residential properties. ([Page 21](#))
 - **46 (56%)** in 1 or 2 family dwellings
 - **17 (21%)** in multifamily dwellings
- ♦ **228** civilians were reported injured as a result of fire. ([Page 24](#))
- ♦ **523** civilians were reported revived by fire departments using an automatic external defibrillator. ([Page 74](#))
- ♦ **27,486** fires were reported. ([Page 33](#))
- ♦ **16,557** structure fires were reported. ([Page 34](#))
- ♦ **80%** of all reported structure fires involved residential properties. ([Page 37](#))
- ♦ **55%** of reported residential fires occurred in 1 or 2 family dwellings. ([Page 35](#))
- ♦ **346** fires were reported intentionally set in residential properties. ([Page 39](#))
- ♦ **77%** of all reported vehicle fires involved passenger vehicles. ([Page 67](#))
- ♦ **14 (18%)** civilian fire fatalities occurred in vehicles. ([Page 21](#))
- ♦ **50** passenger vehicle fires were reported intentionally set. ([Page 68](#))
- ♦ **701** acres were reported burned. ([Page 70](#))
- ♦ **386** school fires were reported. ([Page 62](#))
- ♦ **9%** of all reported incident responses were fire incidents. ([Page 30](#))

2014 FIRE CLOCK




One firefighter injury
occurred every
14 hours 51 minutes



One structure fire
occurred every
**31 minutes
44 seconds**


Fire departments responded
to fire incidents every
14 minutes 37 seconds

One fire
occurred every
**19 minutes
7 seconds**

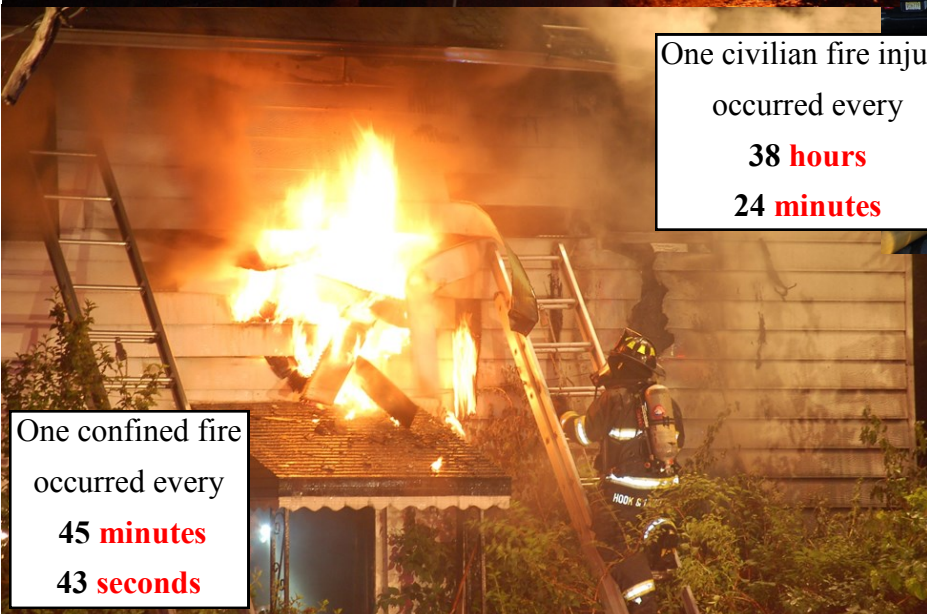


One vehicle fire
occurred every
**2 hours
33 minutes**


One school fire
occurred every
**22 hours
40 minutes**



One civilian fire injury
occurred every
**38 hours
24 minutes**



One confined fire
occurred every
**45 minutes
43 seconds**



Pictures courtesy of Bill & Chris Tompkins

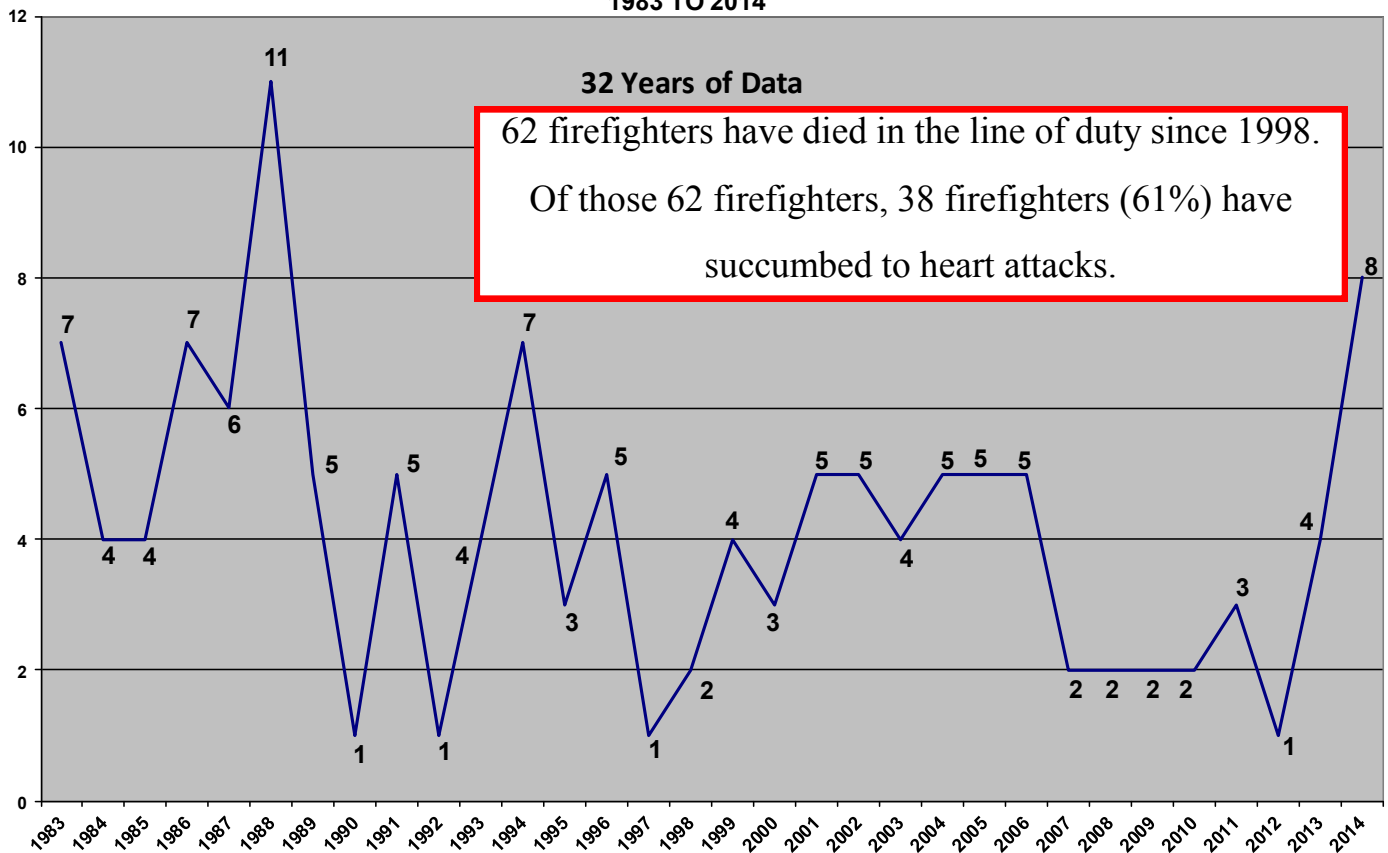


FIREFIGHTER LINE-OF-DUTY DEATHS

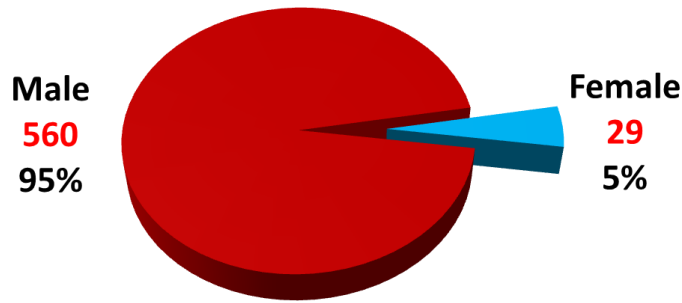


FIREFIGHTER LINE-OF-DUTY DEATHS 2014						
NAME	AGE	STATUS AT TIME OF DEATH	YEARS OF SERVICE	FIRE DEPARTMENT	CAUSE OF DEATH	INCIDENT TYPE
Cosmo Paris	59	Volunteer	18	Cliffside Park FD	Heart Attack	Stand-By
Gregory D. Bamas	57	Volunteer	42	Wallington FD	Heart Attack	Building Fire
Joseph E. Bove	53	Volunteer	25	Spotswood FD	Heart Attack	Not Applicable
Robert Carl Meyer	54	Volunteer	28	Union Beach FD	Heart Attack	Building Fire
Richard Choate	68	Volunteer	23	Byram Twp FD	Heart Attack	Not Applicable
Christopher Hunter	38	Career	22	Cinnaminson FD	Heart Attack	Not Applicable
Arthur "Art" Treon	62	Career	37+	Cape May County Deputy OEM/Fire Coordinator & Town Bank VFC	Heart Attack	Building Fire
James Woods	44	Career	15	Jersey City FD	Stroke	Not Applicable

**FIREFIGHTER LINE-OF-DUTY DEATHS
1983 TO 2014**



FIREFIGHTER INJURIES



Year	Number Of Firefighter Injuries	Number Of Fire Departments Reporting
2014	589	636
2013	453	646
2012	398	670
2011	516	682
2010	737	688
2009	717	687
2008	856	691
2007	864	715
2006	920	719
2005	863	675
2004	682	656
2003	712	576
2002	719	594
2001	596	586
2000	333	356

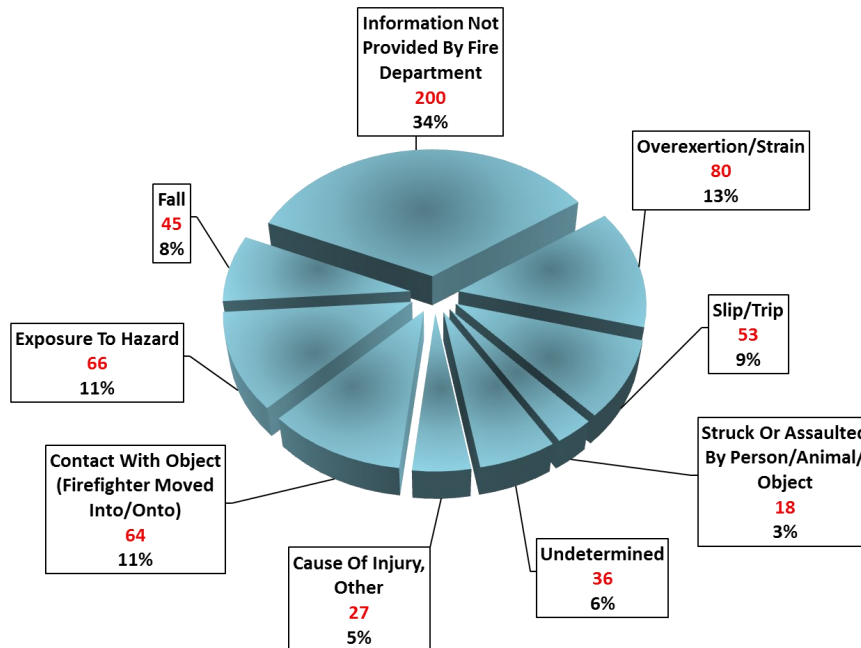
NUMBER OF REPORTED FIREFIGHTER INJURIES IN 2014	NUMBER OF FIREFIGHTERS INJURED TWICE IN 2014	NUMBER OF FIREFIGHTERS INJURED THREE TIMES IN 2014
589 (560 Male, 29 Female)	23 (22 Male, 1 Female)	2 (1 Male, 1 Female)

Most Frequent Incident Types When Firefighter Injuries Occurred



FIREFIGHTER INJURIES

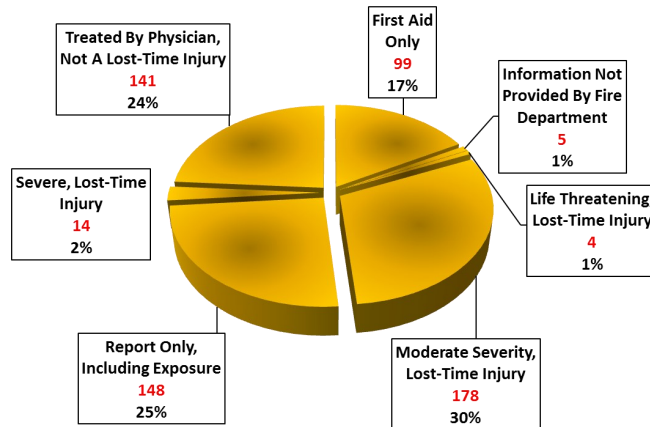
Cause Of Firefighter Injuries



County	Cause Of Injury, Other	Contact With Object (Firefighter Moved Into/Onto)	Exposure To Hazard	Fall	Information Not Provided By Fire Department	Overexertion/Strain	Slip/Trip	Struck Or Assaulted By Person/Animal/Object	Undetermined	Total
Atlantic					1	3				4
Bergen	5	6	4	8	19	6	9		2	59
Burlington	1	2	3	2	10	4	1	2	2	27
Camden	3	3	3		13	5			4	31
Cape May	1	2	1		2		1		2	9
Cumberland				1	3		2	2	1	9
Essex	4	11	7	7	13	16	5	4	7	74
Gloucester				1						1
Hudson	1	5	19	4	28	9	3	2	1	72
Hunterdon	1			1		1		2		5
Mercer		3	2	3	8	1	2		1	20
Middlesex	1	6	3	4	19	3	9		4	49
Monmouth	3	4	2	1	10	5	4	3	1	33
Morris		1	1	1	4	2	2			11
Ocean			1	3	13	1	1		1	20
Passaic	2	5	5		33	5	3		2	55
Salem				1		2				3
Somerset	1	3	2	2	7	3		1		19
Sussex						2				2
Union	3	13	13	3	8	12	10	2	6	70
Warren	1			3	9		1		2	16
Total	27	64	66	45	200	80	53	18	36	589

FIREFIGHTER INJURIES

Severity Of Firefighter Injuries

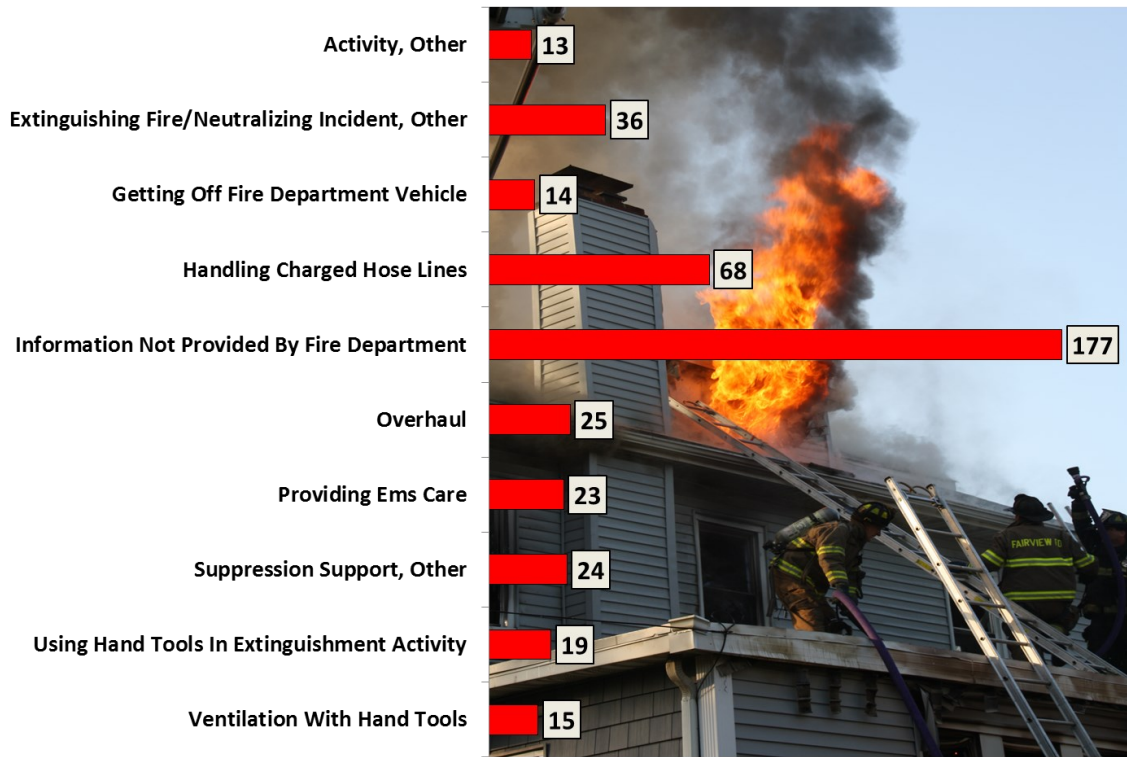


Severity Of Firefighter Injuries	Average Age Of Firefighters Injured
First Aid Only	38
Information Not Provided By Fire Department	34
Life Threatening, Lost-Time Injury	46
Moderate Severity, Lost-Time Injury	37
Report Only, Including Exposure	40
Severe, Lost-Time Injury	44
Treated By Physician, Not A Lost-Time Injury	34
Average Age Of All Firefighters Injured	38

Severity Of Firefighter Injuries By County	County	First Aid Only	Information Not Provided By Fire Department	Life Threatening, Lost-Time Injury	Moderate Severity, Lost-Time Injury	Report Only, Including Exposure	Severe, Lost-Time Injury	Treated By Physician, Not A Lost-Time Injury	Total
	Atlantic					2	1		1
Bergen	12		1	18	11	3	14	59	
Burlington	3		1	6	8		9	27	
Camden	8			10	6		7	31	
Cape May	1			2	2		4	9	
Cumberland	1			3	5			9	
Essex	20			12	20	3	19	74	
Gloucester				1				1	
Hudson	5			34	17	3	13	72	
Hunterdon					1	1	3	5	
Mercer	4	3		9	3		1	20	
Middlesex	7			11	18	2	11	49	
Monmouth	7			5	9	1	11	33	
Morris				2	3		6	11	
Ocean	3	2		4	3		8	20	
Passaic	10		1	25	11	1	7	55	
Salem	1			1	1			3	
Somerset	1			4	9		5	19	
Sussex							2	2	
Union	13		1	25	18		13	70	
Warren	3			4	2		7	16	
Total	99	5	4	178	148	14	141	589	

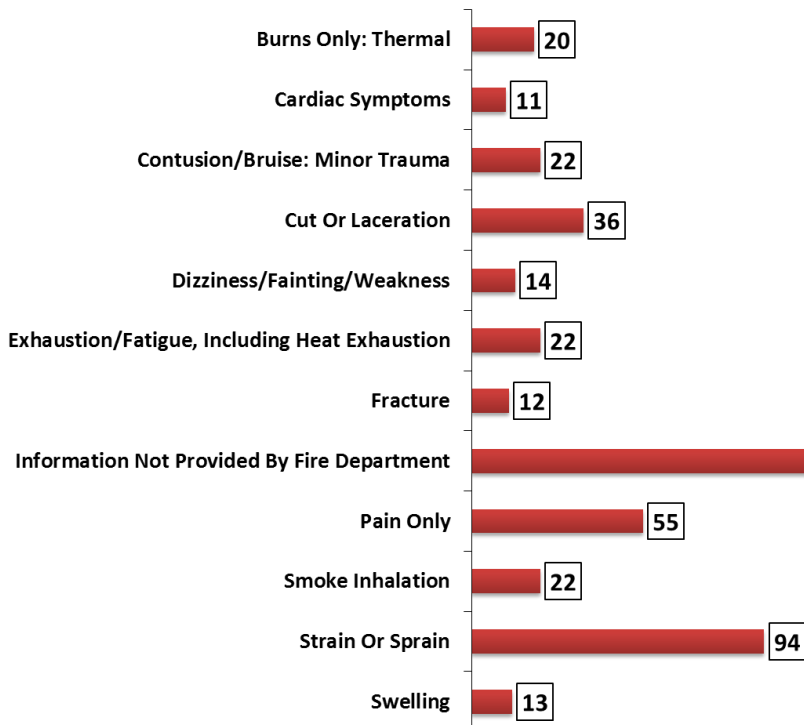
FIREFIGHTER INJURIES

Most Frequent Firefighter Activity When Injuries Occurred



Picture courtesy of Ron Jeffers:
Cliffside Park, New Jersey; August 11, 2014

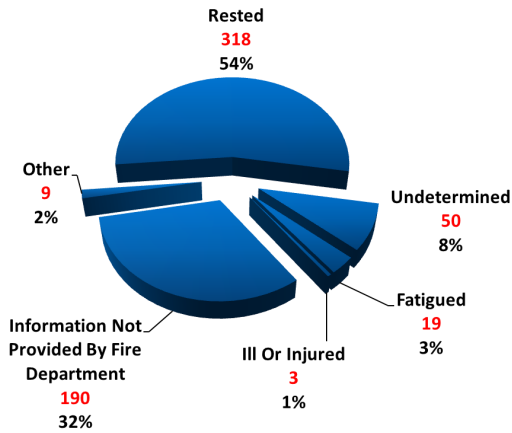
Most Frequent Primary Apparent Symptoms Of Firefighter Injuries



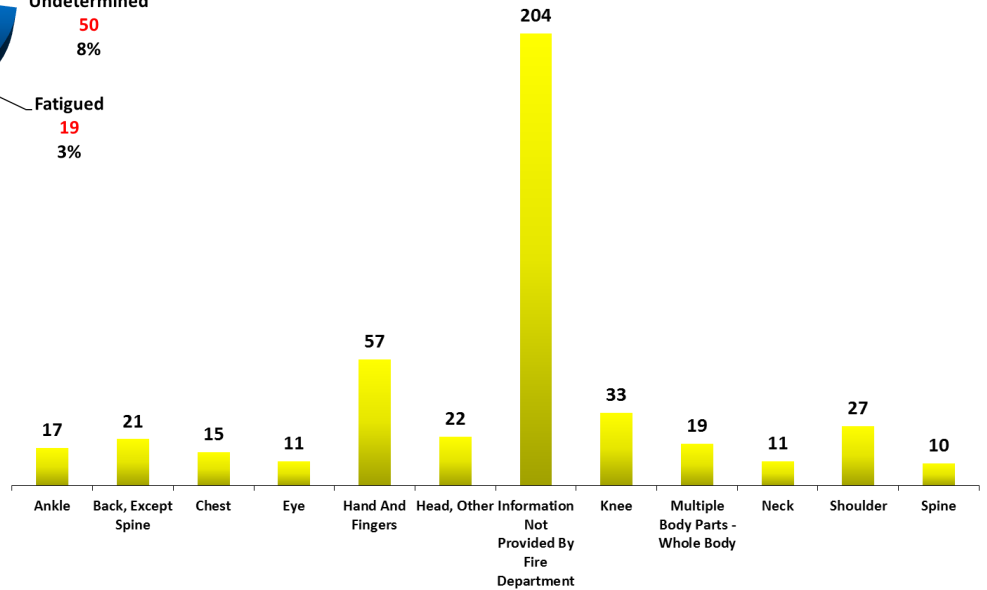
Picture courtesy of Chris Tompkins:
Elmwood Park, New Jersey; April 16, 2014

FIREFIGHTER INJURIES

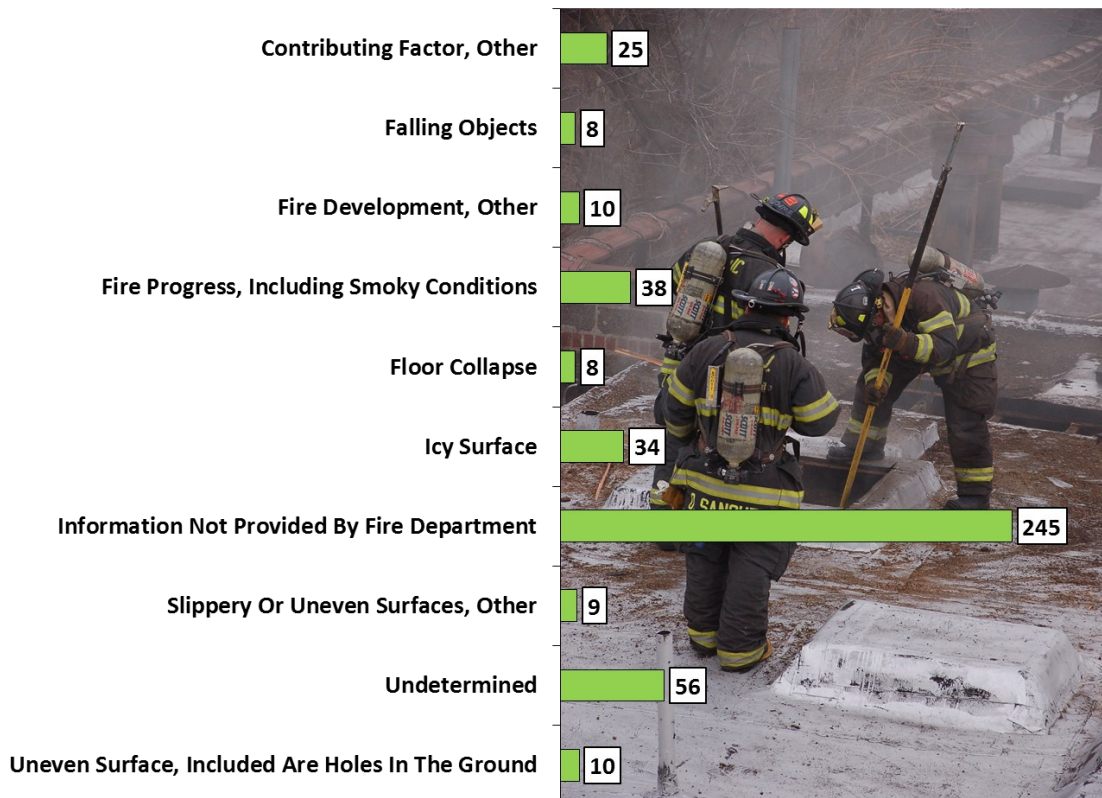
Physical Condition Of Firefighters Just Prior To Injury



Most Frequent Primary Area Of Body Injured

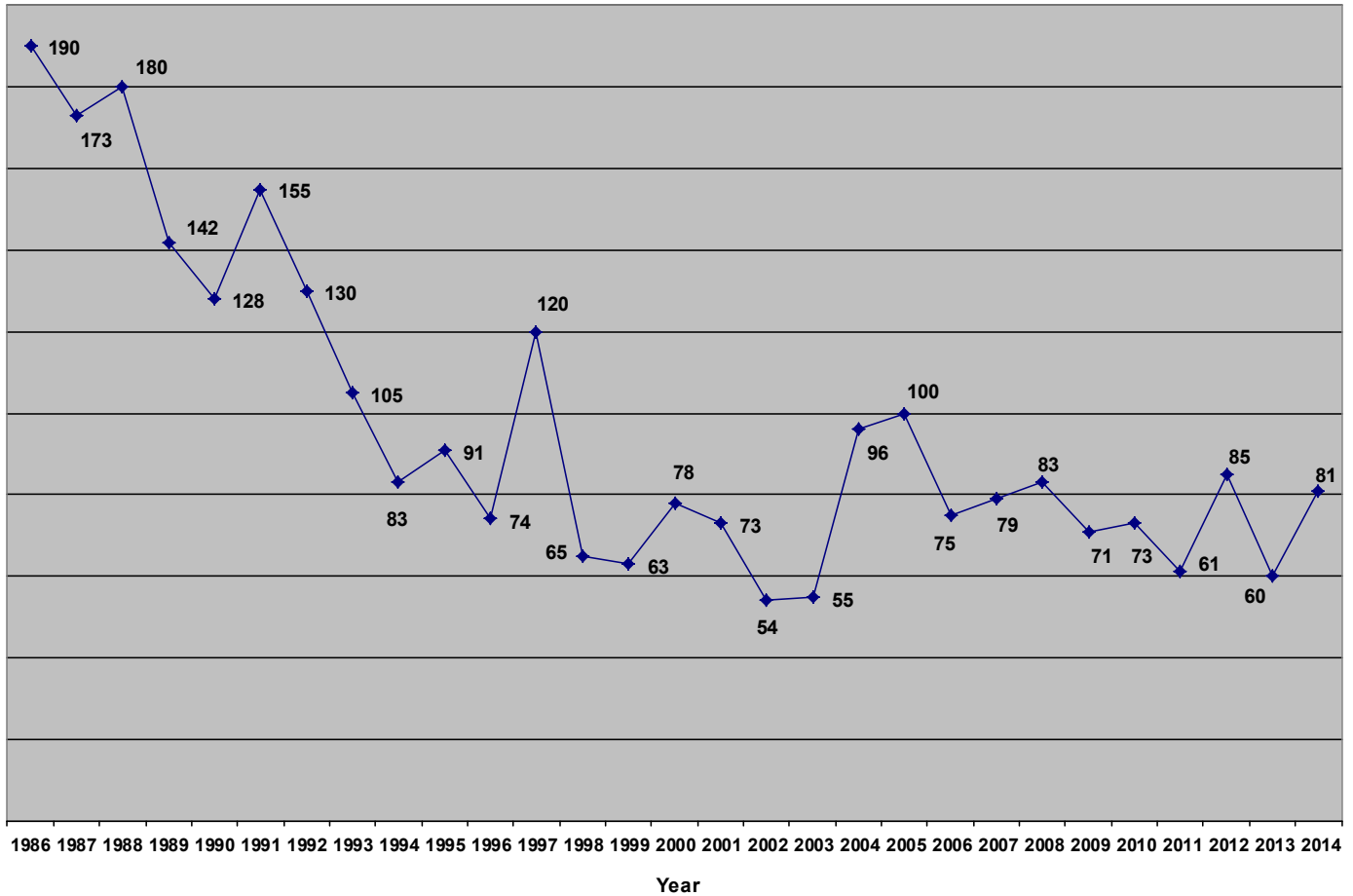


Most Frequent Factors Contributing To Firefighter Injuries



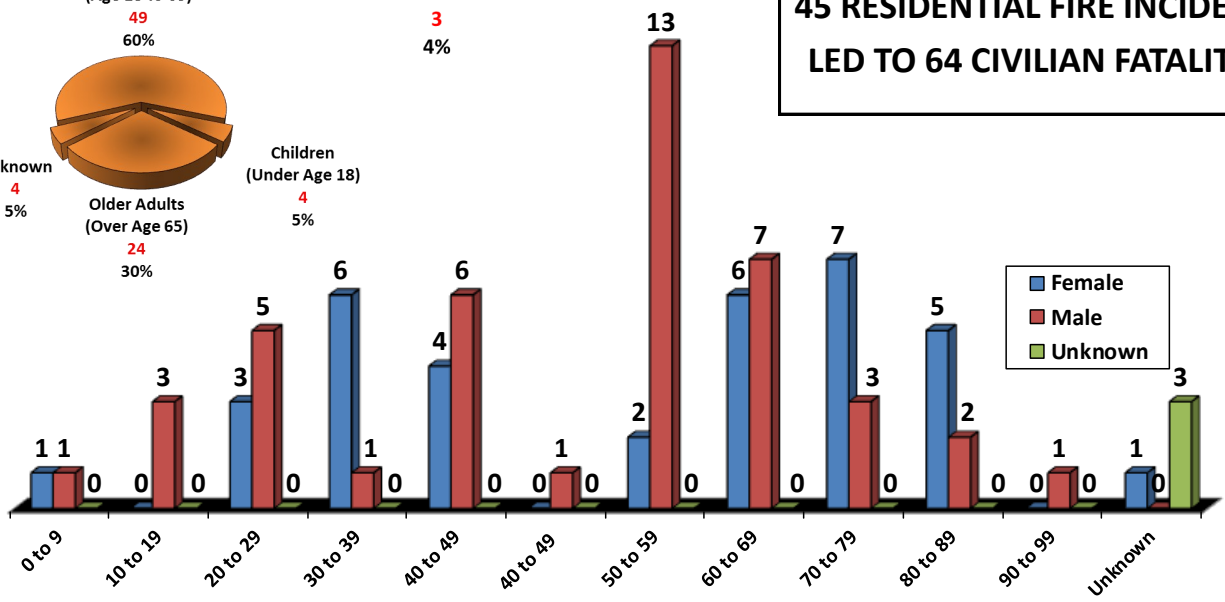
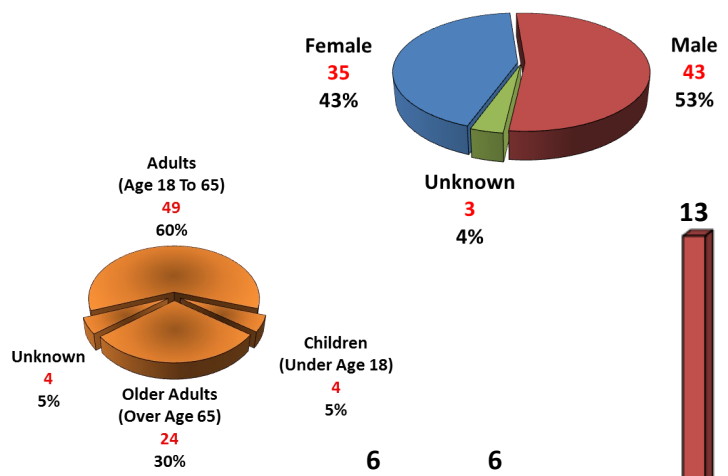
Picture courtesy of Bill Tompkins:
Passaic, New Jersey; March 14, 2014

CIVILIAN FIRE FATALITIES



59 FIRE INCIDENTS LED TO 81 CIVILIAN FATALITIES

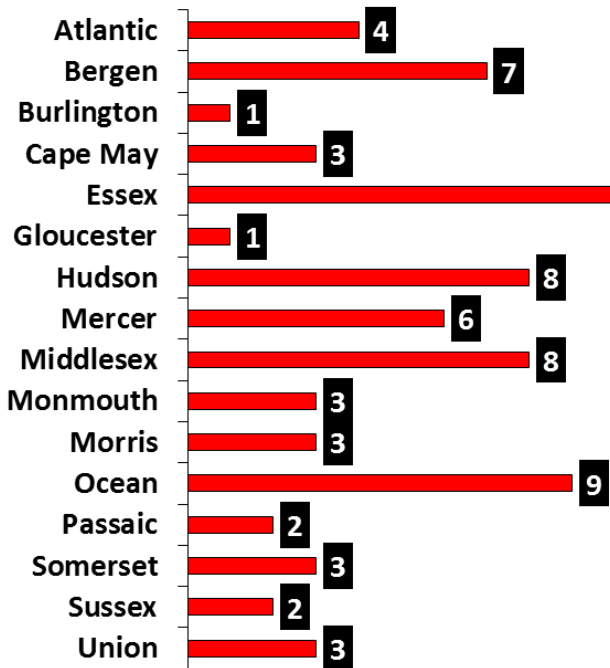
45 RESIDENTIAL FIRE INCIDENTS LED TO 64 CIVILIAN FATALITIES



Civilian Fire Fatalities By Age Group

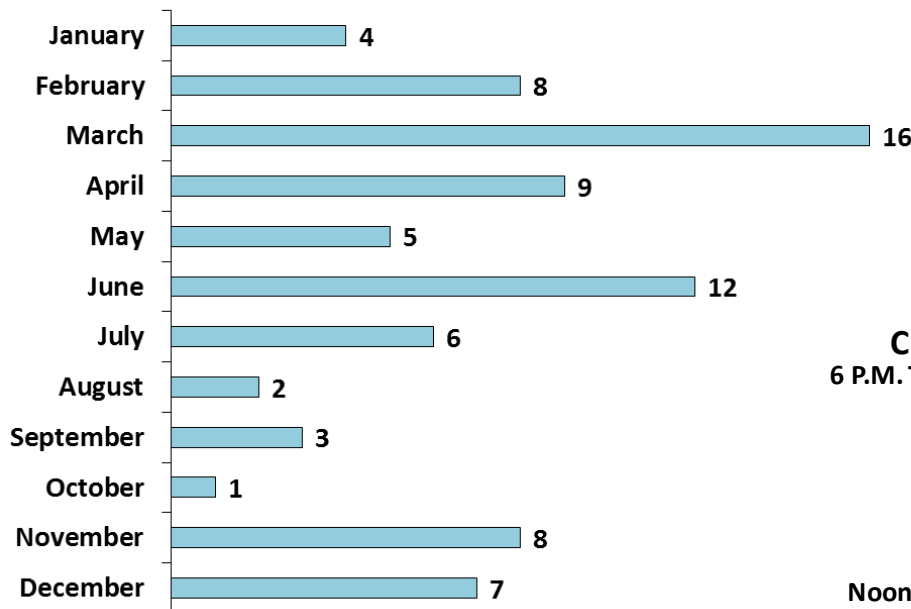
CIVILIAN FIRE FATALITIES

Civilian Fire Fatalities By County

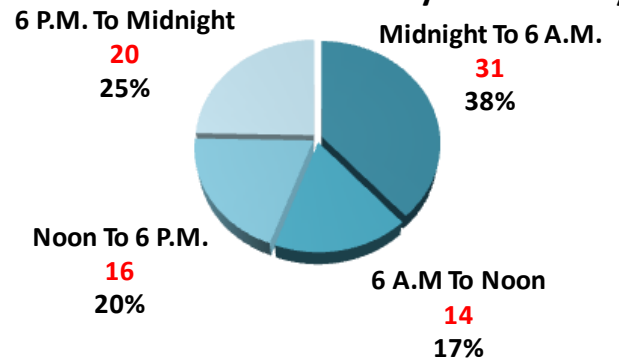


Picture courtesy of Chris Tompkins:
Paterson, New Jersey; July 9, 2014

Civilian Fire Fatalities By Month



Civilian Fire Fatalities By Time Of Day

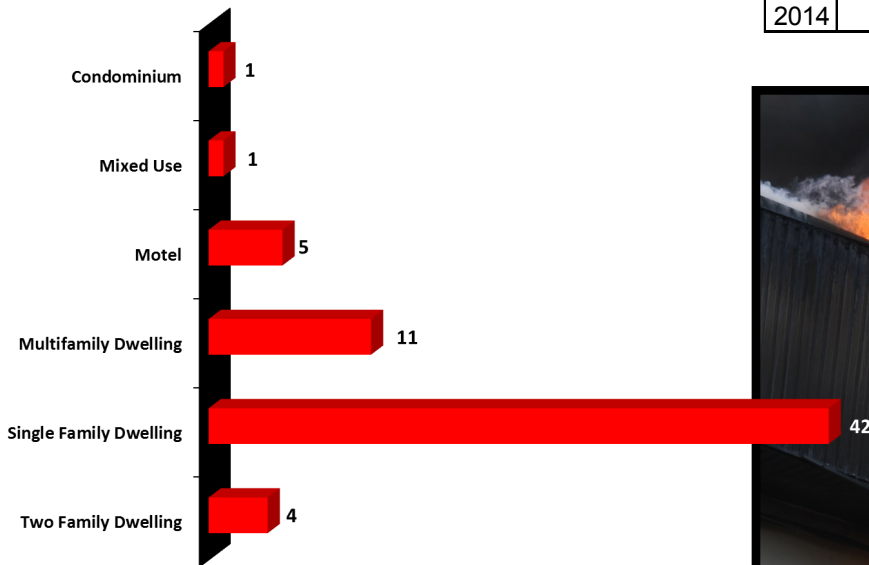


CIVILIAN FIRE FATALITIES

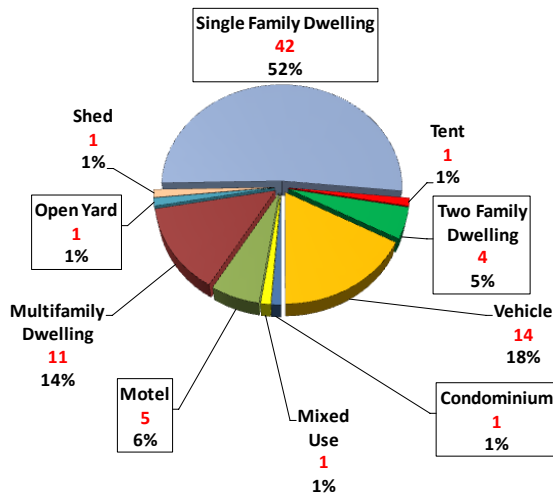
Civilian Fire Fatalities
By Property Use Category



Civilian Fire Fatalities
Residential Property Uses



Civilian Fire Fatalities
By Specific Property Use



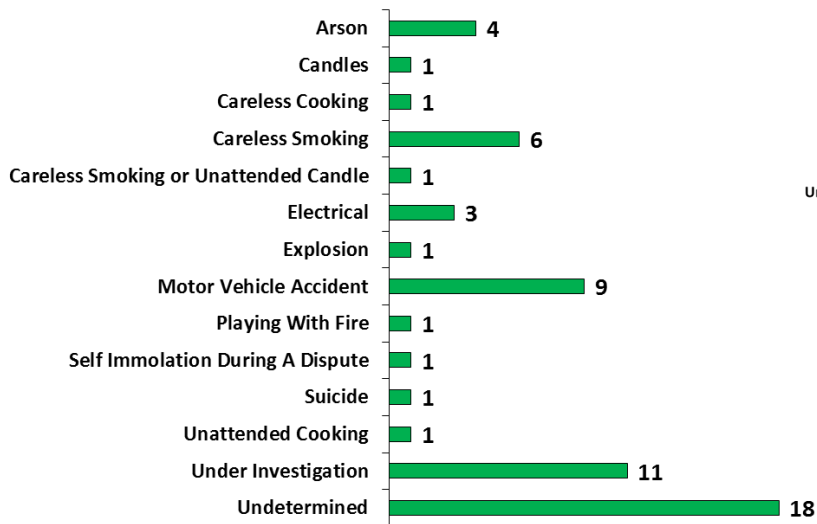
YEAR	TOTAL CIVILIAN FIRE FATALITIES	TOTAL CIVILIAN FIRE FATALITIES IN RESIDENTIAL STRUCTURES & PERCENTAGE OF ALL CIVILIAN FIRE FATALITIES	CIVILIAN FIRE FATALITIES IN 1 OR 2 FAMILY DWELLINGS & PERCENTAGE OF ALL CIVILIAN FIRE FATALITIES	CIVILIAN FIRE FATALITIES IN MULTIFAMILY DWELLINGS & PERCENTAGE OF ALL CIVILIAN FIRE FATALITIES
2004	96	80 = 83%	60 = 62%	19 = 19%
2005	100	83 = 83%	54 = 54%	22 = 22%
2006	75	55 = 73%	28 = 37%	21 = 28%
2007	76	66 = 86%	51 = 67%	15 = 19%
2008	83	65 = 78%	44 = 53%	20 = 24%
2009	71	55 = 78%	36 = 50%	18 = 25%
2010	73	57 = 78%	35 = 48%	22 = 30%
2011	61	47 = 77%	33 = 54%	14 = 23%
2012	85	75 = 88%	47 = 55%	28 = 33%
2013	60	50 = 83%	36 = 60%	11 = 18%
2014	81	64 = 79%	46 = 56%	17 = 21%



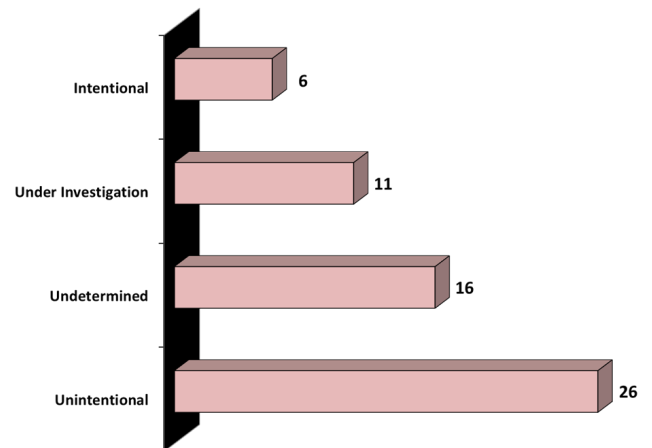
Picture courtesy of Ron Jeffers:
Palisades Park, New Jersey; July 23, 2014

CIVILIAN FIRE FATALITIES

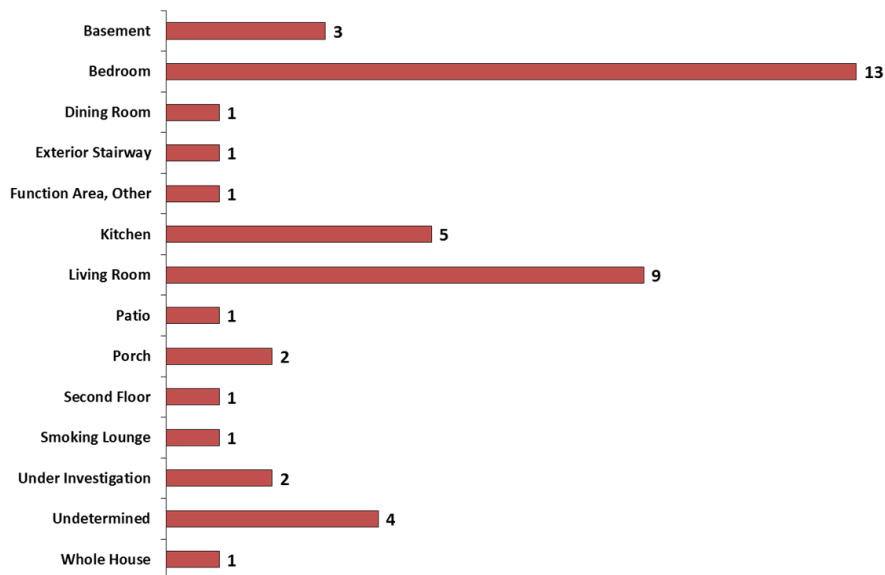
Specific Causes Of Fatal Fires Per Fire Incident



Cause Of Ignition Of Fatal Fires Per Fire Incident



Room Of Origin Per Fire Incident Residential Property Uses



Specific Causes Of Fires By Room Of Origin In Residential Property Uses Per Fire Incident

Cause Of Fire	Room Of Origin														Total
	Basement	Bedroom	Dining Room	Exterior Stairway	Function Area, Other	Kitchen	Living Room	Patio	Porch	Second Floor	Smoking Lounge	Under Investigation	Undetermined	Whole House	
Arson		2					1			1					4
Candles			1												1
Careless Cooking						1									1
Careless Smoking	1	1					2				1				5
Careless Smoking or Unattended Candle		1													1
Electrical		1				2									3
Explosion														1	1
Playing With Fire	1														1
Unattended Cooking						1									1
Under Investigation		1		1		1	3		1			2	1		10
Undetermined	1	7			1		3	1	1				3		17
Total	3	13	1	1	1	5	9	1	2	1	1	2	4	1	45

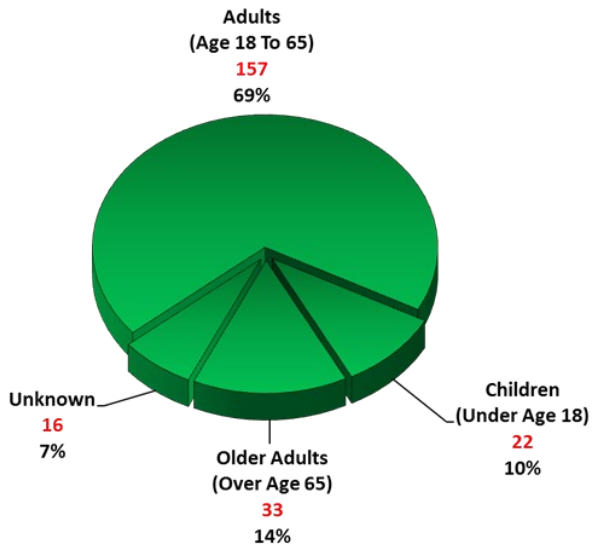
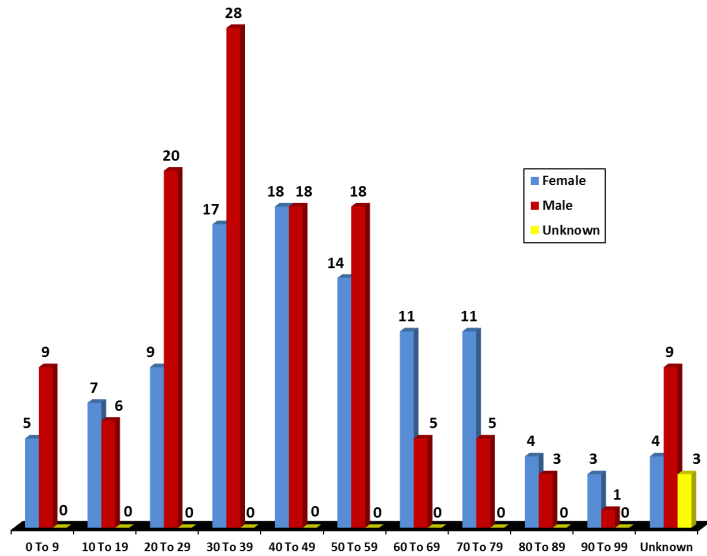
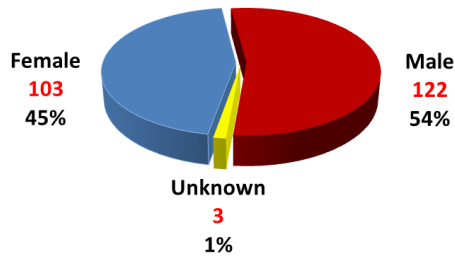
CIVILIAN FIRE FATALITIES

Property Use	None Present	Not Applicable	Present	Undetermined	Unknown	Total
Condominium		1				1
Mixed Use			1			1
Motel			2			2
Multifamily Dwelling	2		7		1	10
Single Family Dwelling	10		13	1	4	28
Two Family Dwelling	1		2			3
Total	13	1	25	1	5	45

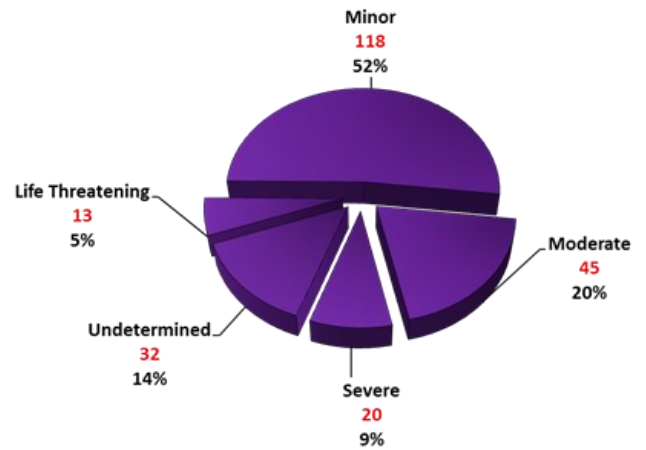
Specific Property Use	Did Not Operate	Operated	Undetermined	Unknown	Total
Mixed Use	1				1
Motel		1	1		2
Multifamily Dwelling	1	4		2	7
Single Family Dwelling	3	6		4	13
Two Family Dwelling	1	1			2
Total	6	12	1	6	25

Date	Alarm Time	Municipality	County	Age	Gender	Cause of Fire	Property Use	Room of Origin	Detector Presence	Detector Operation
1/30/14	5:38	Leonia	Bergen	65	Female	Undetermined	Two Family Dwelling	Living Room	Present	Operated
1/30/14	5:38	Leonia	Bergen	33	Female	Undetermined	Two Family Dwelling	Living Room	Present	Operated
3/6/14	1:07	Jersey City	Hudson	81	Male	Undetermined	Single Family Dwelling	Undetermined	None Present	Not Applicable
3/6/14	1:07	Jersey City	Hudson	81	Female	Undetermined	Single Family Dwelling	Undetermined	None Present	Not Applicable
3/6/14	1:07	Jersey City	Hudson	58	Male	Undetermined	Single Family Dwelling	Undetermined	None Present	Not Applicable
3/6/14	1:07	Jersey City	Hudson	54	Male	Undetermined	Single Family Dwelling	Undetermined	None Present	Not Applicable
3/21/14	5:35	Point Pleasant	Ocean	66	Male	Careless Smoking	Motel	Smoking Lounge	Present	Operated
3/21/14	5:35	Point Pleasant	Ocean	51	Male	Careless Smoking	Motel	Smoking Lounge	Present	Operated
3/21/14	5:35	Point Pleasant	Ocean	45	Male	Careless Smoking	Motel	Smoking Lounge	Present	Operated
3/21/14	5:35	Point Pleasant	Ocean	20	Male	Careless Smoking	Motel	Smoking Lounge	Present	Operated
4/13/14	23:34	City Of Orange	Essex	37	Female	Undetermined	Single Family Dwelling	Bedroom	Present	Unknown
4/13/14	23:34	City Of Orange	Essex	8	Male	Undetermined	Single Family Dwelling	Bedroom	Present	Unknown
6/15/14	3:51	New ark	Essex	59	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/15/14	3:51	New ark	Essex	58	Male	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/15/14	3:51	New ark	Essex	52	Male	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/15/14	3:51	New ark	Essex	47	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/15/14	3:51	New ark	Essex	43	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/15/14	3:51	New ark	Essex	15	Male	Undetermined	Single Family Dwelling	Undetermined	Present	Operated
6/24/14	12:40	Mahwah	Bergen	Unknown	Unknown	Motor Vehicle Accident	Vehicle	Not Applicable	Not Applicable	Not Applicable
6/24/14	12:40	Mahwah	Bergen	Unknown	Unknown	Motor Vehicle Accident	Vehicle	Not Applicable	Not Applicable	Not Applicable
6/24/14	12:40	Mahwah	Bergen	Unknown	Unknown	Motor Vehicle Accident	Vehicle	Not Applicable	Not Applicable	Not Applicable
7/18/14	16:53	Atlantic City	Atlantic	65	Female	Under Investigation	Multifamily Dwelling	Exterior Stairway	Unknown	Unknown
7/18/14	16:53	Atlantic City	Atlantic	49	Female	Under Investigation	Multifamily Dwelling	Exterior Stairway	Unknown	Unknown
11/3/14	19:26	Belleville	Essex	26	Male	Motor Vehicle Accident	Vehicle	Not Applicable	Not Applicable	Not Applicable
11/3/14	19:26	Belleville	Essex	26	Male	Motor Vehicle Accident	Vehicle	Not Applicable	Not Applicable	Not Applicable
11/23/14	4:40	City of Paterson	Passaic	45	Male	Undetermined	Single Family Dwelling	Bedroom	None Present	Not Applicable
11/23/14	4:40	City of Paterson	Passaic	24	Female	Undetermined	Single Family Dwelling	Bedroom	None Present	Not Applicable
12/7/14	6:08	East Orange	Essex	79	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Did Not Operate
12/7/14	6:08	East Orange	Essex	60	Male	Undetermined	Single Family Dwelling	Undetermined	Present	Did Not Operate
12/7/14	6:08	East Orange	Essex	56	Male	Undetermined	Single Family Dwelling	Undetermined	Present	Did Not Operate
12/7/14	6:08	East Orange	Essex	20	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Did Not Operate
12/7/14	6:08	East Orange	Essex	6 weeks	Female	Undetermined	Single Family Dwelling	Undetermined	Present	Did Not Operate

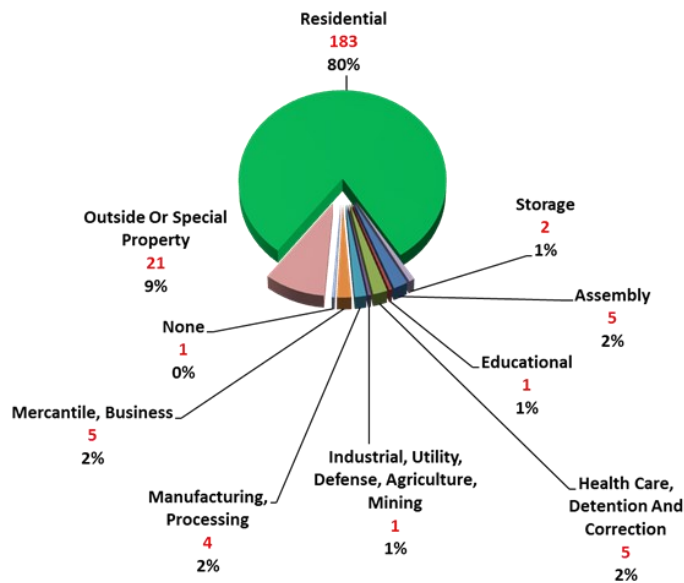
CIVILIAN FIRE INJURIES



Severity Of Civilian Fire Injuries

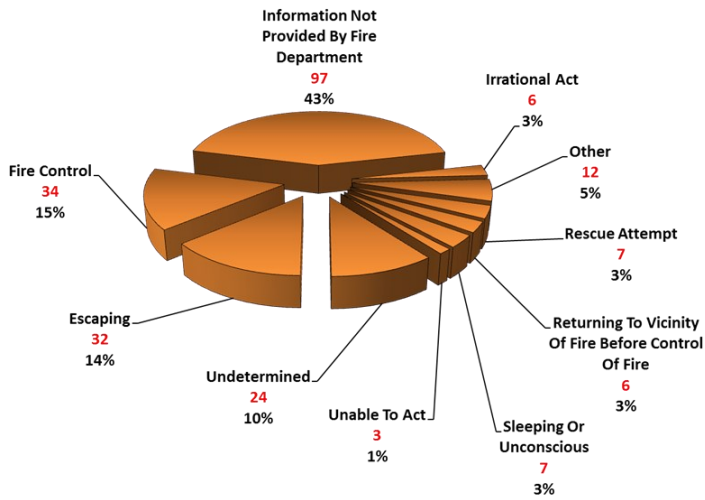


Civilian Fire Injuries By Property Use Category

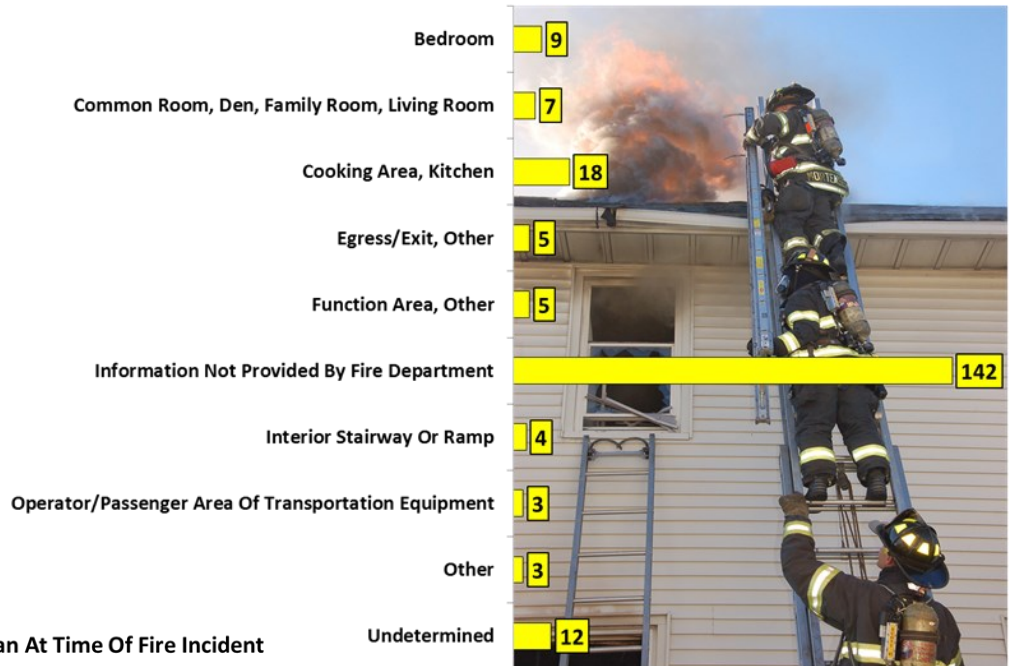


CIVILIAN FIRE INJURIES

Activity Of Civilians When Fire Injuries Occurred

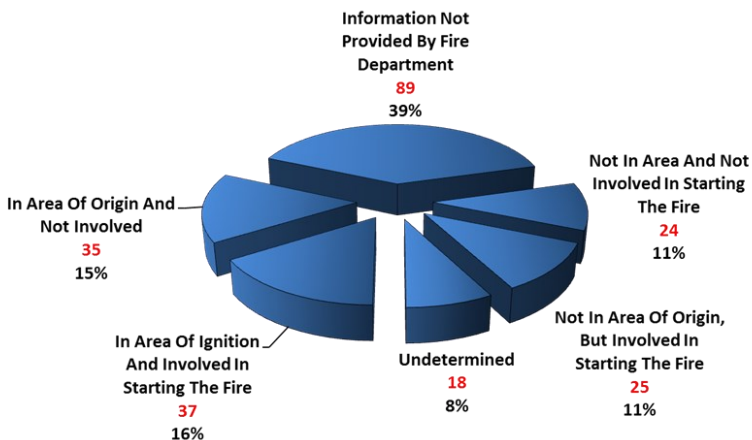


Most Frequent Specific Location Of Civilians At Time Of Injury



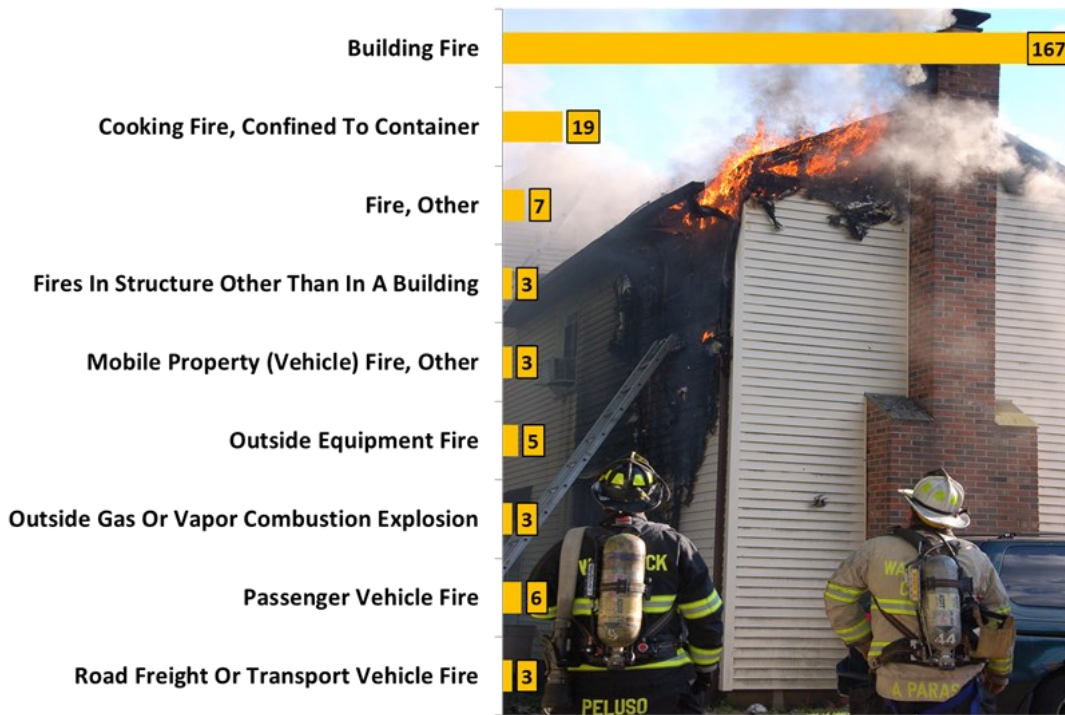
Picture courtesy of Bill Tompkins:
Teaneck, New Jersey; November 14, 2014

General Location Of Injured Civilian At Time Of Fire Incident



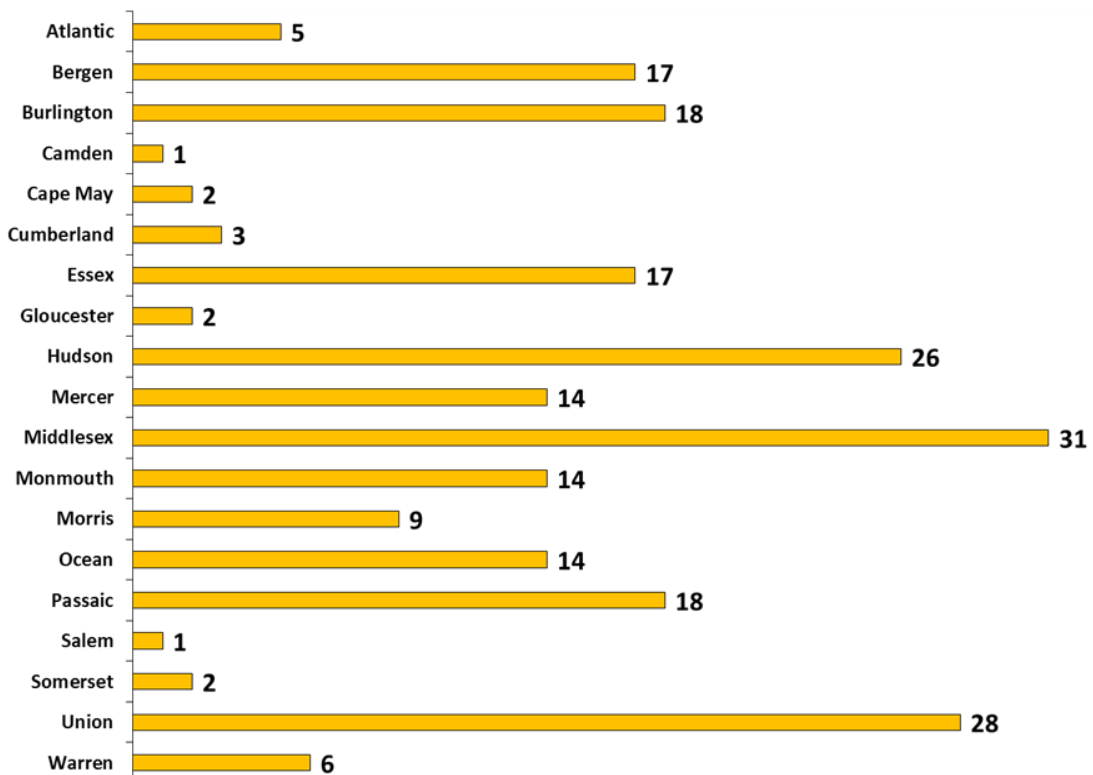
CIVILIAN FIRE INJURIES

Most Frequent Fire Incidents Resulting In Civilian Fire Injuries



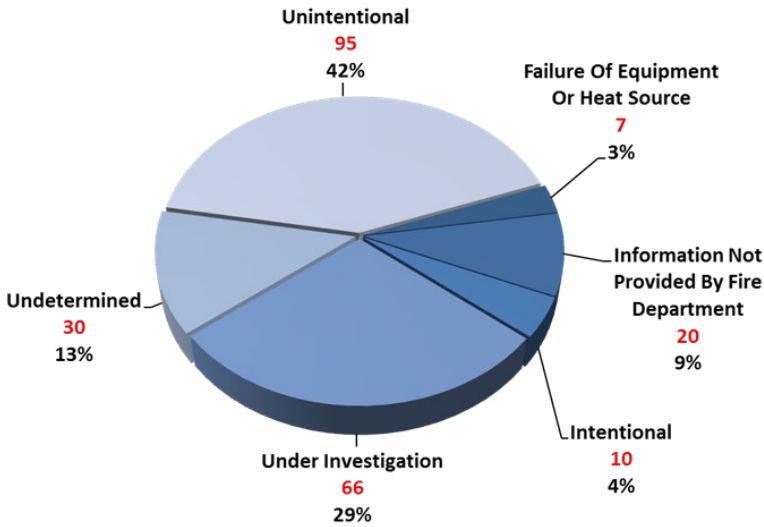
Picture courtesy of Bill Tompkins:
Ridgewood, New Jersey; June 7, 2014

Civilian Fire Injuries By County

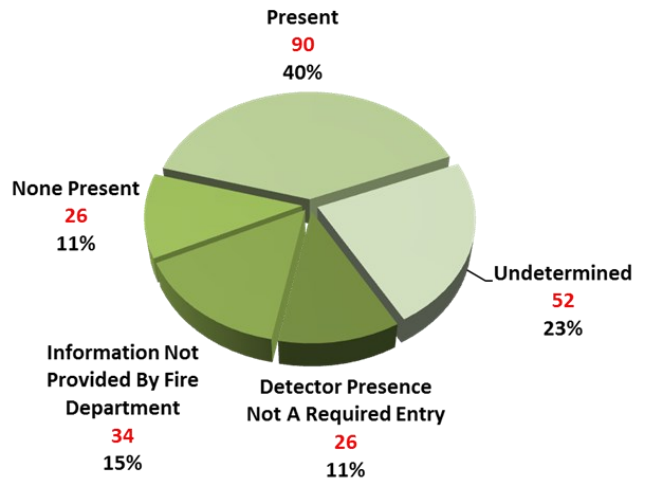


CIVILIAN FIRE INJURIES

**Cause Of Ignition
When Civilian Fire Injuries Occurred**



**Presence Of Detectors
When Civilian Fire Injuries Occurred**



Picture courtesy of Bill Tompkins:
Teaneck, New Jersey; November 14, 2014

Structure Type	Civilian Fire Injuries
Enclosed Building	167
Information Not Provided By Fire Department	31
Structure Type Not A Required Entry	26
Other	4
Total	228



Building Status Of Enclosed Buildings	Civilian Fire Injuries
Occupied And Operating	159
Other	1
Under Major Renovation	1
Undetermined	3
Vacant And Secured	3
Total	167

CIVILIAN FIRE INJURIES

Non-Residential Property Uses	Most Frequent Area Of Fire Origin When Civilian Fire Injuries Occurred					
	Area Of Fire Origin	Adults (Age 18 To 65)	Children (Under Age 18)	Older Adults (Over Age 65)	Unknown	Total
	Cooking Area, Kitchen	4				4
	Engine Area, Running Gear, Wheel Area	4				4
	Fuel Tank, Fuel Line	4				4
	Information Not Provided By Fire Department	2	3			5
	Outside Area, Other	3			1	4
	Processing/Manufacturing Area, Workroom	4				4
	Storage Room, Area, Tank, Or Bin				2	2
	Undetermined	4	1		3	8
	Vehicle Storage Area; Garage, Carport	2				2



Residential Property Uses	Most Frequent Area Of Fire Origin When Civilian Fire Injuries Occurred					
	Area Of Fire Origin	Adults (Age 18 To 65)	Children (Under Age 18)	Older Adults (Over Age 65)	Unknown	Total
	Bedroom - < 5 Persons; Included Are Jail Or Prison	26	3	3	1	33
	Common Room, Den, Family Room, Living Room, Lounge	10	1	6		17
	Cooking Area, Kitchen	28	9	14	3	54
	Exterior Balcony, Unenclosed Porch	4				4
	Function Areas, Other	6		2		8
	Information Not Provided By Fire Department	11		2	2	15
	Laundry Area, Wash House (Laundry)	3		1		4
	Structural Area, Other	4				4
	Undetermined	7		3		10

CIVILIAN FIRE INJURIES

Non-Residential Property Uses	Item First Ignited When Civilian Fire Injuries Occurred					
	Item First Ignited	Adults (Age 18 To 65)	Children (Under Age 18)	Older Adults (Over Age 65)	Unknown	Total
	Cooking Materials, Including Edible Materials	2				2
	Electrical Wire, Cable Insulation	1				1
	Flammable Liquid/Gas - In/From Engine Or Burner	1				1
	Flammable Liquid/Gas - In/From Final Container	3				3
	Flammable Liquid/Gas - Uncontained	1			2	3
	Flammable Liquid/Gas In Container Or Pipe	3				3
	Human Living Or Dead	1				1
	Information Not Provided By Fire Department	2	3			5
	Item First Ignited, Other	1			1	2
	Light Vegetation - Not Crop, Including Grass	3				3
	Material Being Used To Make A Product	4				4
	Undetermined	12	1	1	3	17
	Total	34	4	1	6	45

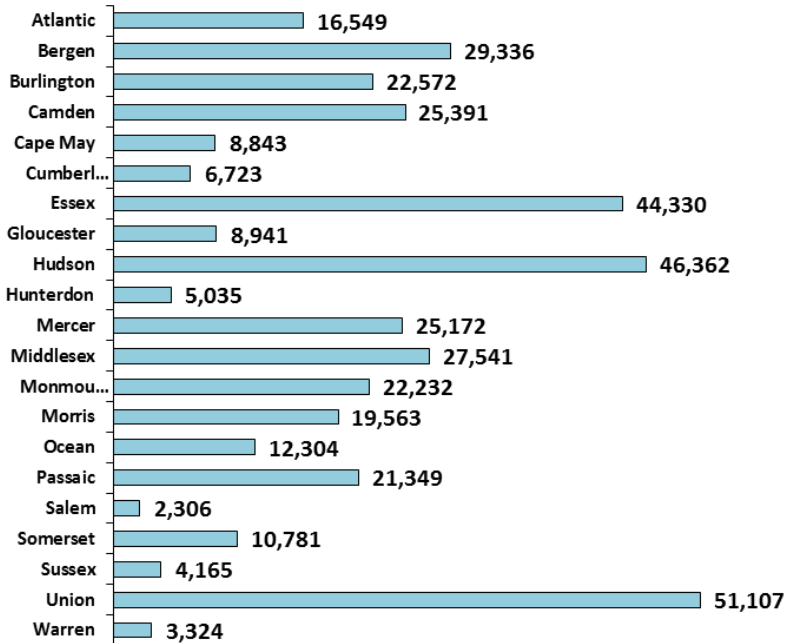
Residential Property Uses	Most Frequent Item First Ignited When Civilian Fire Injuries Occurred					
	Item First Ignited	Adults (Age 18 To 65)	Children (Under Age 18)	Older Adults (Over Age 65)	Unknown	Total
	Bedding; Blanket, Sheet, Comforter	4		1		5
	Cooking Materials, Including Edible Materials	14	3	7		24
	Electrical Wire, Cable Insulation	4				4
	Exterior Wall Covering Or Finish	5			1	6
	Furniture, Utensils, Other	4				4
	Information Not Provided By Fire Department	11		2	2	15
	Interior Wall Covering Excluding Drapes, Etc.	4				4
	Multiple Items First Ignited	5		2	1	8
	Undetermined	38	9	8	5	60
	Upholstered Sofa, Chair, Vehicle Seats	5	1	2		8

Primary Apparent Symptom Of Civilians Injured During Fire Incidents					
Primary Apparent Symptom	Adults (Age 18 To 65)	Children (Under Age 18)	Older Adults (Over Age 65)	Unknown	Total
Breathing Difficulty Or Shortness Of Breath	6	1	2		9
Burn, Chemical	1				1
Burn, Electric		1			1
Burn, Scald	5		1		6
Burns And Smoke Inhalation	12		2	3	17
Burns Only, Thermal	25	3	3		31
Contusion/Bruise, Minor Trauma	3				3
Cut Or Laceration	3			1	4
Disorientation	1				1
Emotional/Psychological Stress	1				1
Eye Trauma, Avulsion			1		1
Fracture	1				1
Information Not Provided By Fire Department	59	7	11	3	80
Pain Only	1				1
Paralysis	1				1
Primary Apparent Symptom, Other	1		1		2
Respiratory Arrest		1			1
Smoke Inhalation	36	7	12	6	61
Undetermined	1	2		3	6
Total	157	22	33	16	228

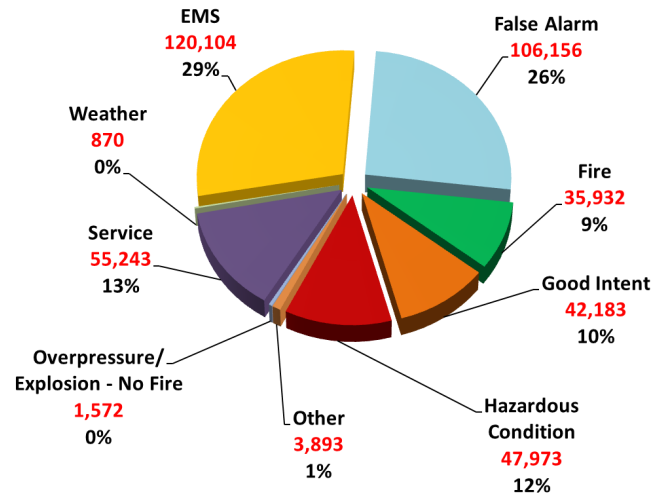
FIRE DEPARTMENT RESPONSES

The charts on this page represent the number of incidents that fire departments responded to in 2014. Totals include “aid given” and “aid received” incidents.

Total Incident Responses By County



Incident Type Summary



COUNTY STATS

	LAND AREA, SQUARE MILES	NUMBER OF FIRE DEPARTMENTS	POPULATION*	NUMBER OF REPORTING FIRE DEPARTMENTS	POPULATION COVERED BY REPORTING FIRE DEPARTMENTS	TOTAL FIRES	FIRE RATE
Atlantic	561.07	42	274,549	34	249,105	913	3.6
Bergen	234.17	70	905,116	61	815,832	2,272	2.7
Burlington	804.57	46	448,734	42	437,571	1,123	2.5
Camden	222.30	41	513,657	34	466,967	1,760	3.7
Cape May	255.19	26	97,265	24	90,721	409	4.5
Cumberland	489.30	21	156,898	19	154,100	577	3.7
Essex	126.27	21	783,969	21	783,969	3,202	4.0
Gloucester	324.72	34	288,288	27	249,238	707	2.8
Hudson	46.69	8	634,266	8	634,266	2,666	4.2
Hunterdon	429.94	27	128,349	27	128,349	324	2.5
Mercer	225.93	26	366,513	24	350,345	1,678	4.7
Middlesex	309.72	48	809,858	40	712,841	2,229	3.1
Monmouth	471.94	69	630,380	61	571,200	1,714	3.0
Morris	468.99	54	492,276	49	448,435	1,187	2.6
Ocean	636.28	43	576,567	34	437,519	1,169	2.6
Passaic	185.29	23	501,226	22	492,908	2,261	4.5
Salem	337.88	19	66,083	15	52,587	200	3.8
Somerset	304.69	36	323,444	29	262,485	469	1.7
Sussex	521.26	27	149,265	26	134,118	339	2.5
Union	103.29	21	536,499	20	528,585	1,982	3.7
Warren	357.87	22	108,692	19	97,434	305	3.1
TOTAL	7,417.36	724	8,791,894	636	8,098,575	27,486	

* Figures based on the 2010 U.S. Census

PLEASE NOTE: Fire rate is based upon the number of fires in each county per 1,000 people of reporting departments. It does not include “aid given” incidents or “exposures”.

INCIDENT RESPONSES BY COUNTY

Sussex County

Population: 149,265

26 of 27 fire departments submitted data.
4,165 responses were made to
3,094 incidents.

Morris County

Population: 492,276

49 of 54 fire departments submitted data.
19,563 responses were made to
16,703 incidents.

Passaic County

Population: 501,226

22 of 23 fire departments submitted data.
21,349 responses were made to
19,792 incidents.

Warren County

Population: 108,692

19 of 22 fire departments submitted data.
3,324 responses were made to
2,459 incidents.

Hunterdon County

Population: 128,349

27 of 27 fire departments submitted data.
5,035 responses were made to
3,106 incidents.

Somerset County

Population: 323,444

29 of 36 fire departments submitted data.
10,781 responses were made to
7,905 incidents.

Mercer County

Population: 366,513

24 of 26 fire departments submitted data.
25,172 responses were made to
18,404 incidents.

Burlington County

Population: 448,734

42 of 46 fire departments submitted data.
22,572 responses were made to
15,980 incidents.

Camden County

Population: 513,657

34 of 41 fire departments submitted data.
25,391 responses were made to
20,727 incidents.

Gloucester County

Population: 288,288

27 of 34 fire departments submitted data.
8,941 responses were made to
7,018 incidents.

Salem County

Population: 66,083

15 of 19 fire departments submitted data.
2,306 responses were made to
1,328 incidents.

Cumberland County

Population: 156,898

19 of 21 fire departments submitted data.
6,723 responses were made to
5,574 incidents.

Bergen County

Population: 905,116

61 of 70 fire departments submitted data.
29,336 responses were made to
27,590 incidents.

Hudson County

Population: 634,266

8 of 8 fire departments submitted data.
46,362 responses were made to
45,847 incidents.

Essex County

Population: 783,969

21 of 21 fire departments submitted data.
44,330 responses were made to
41,839 incidents.

Union County

Population: 536,499

20 of 21 fire departments submitted data.
51,107 responses were made to
49,660 incidents.

Middlesex County

Population: 809,858

40 of 48 fire departments submitted data.
27,541 responses were made to
24,285 incidents.

Monmouth County

Population: 630,380

61 of 69 fire departments submitted data.
22,232 responses were made to
19,452 incidents.

Ocean County

Population: 576,567

34 of 43 fire departments submitted data.
12,304 responses were made to
10,267 incidents.

Atlantic County

Population: 274,549

34 of 42 fire departments submitted data.
16,549 responses were made to
14,537 incidents.

Cape May County

Population: 97,265

24 of 26 fire departments submitted data.
8,843 responses were made to
7,957 incidents.



FIRE INCIDENT RESPONSES BY MONTH

All Fires By Category	Month	Cultivated Vegetation, Crop Fire	Mobile Property (Vehicle) Fire	Natural Vegetation Fire	Outside Rubbish Fire	Special Outside Fire	Structure Fire	Total
	January	2	300	53	129	40	1,591	2,115
	February	1	337	42	80	33	1,402	1,895
	March		306	371	249	30	1,574	2,530
	April	2	273	1,135	385	44	1,480	3,319
	May	2	298	409	233	60	1,337	2,339
	June	2	325	508	287	82	1,167	2,371
	July	5	293	505	302	67	1,143	2,315
	August	3	271	411	302	58	1,206	2,251
	September	4	255	316	196	56	1,181	2,008
October	5	258	169	198	28	1,378	2,036	
November	1	258	250	182	39	1,610	2,340	
December	1	221	88	144	25	1,488	1,967	
Total	28	3,395	4,257	2,687	562	16,557	27,486	

Confined Fires	Month	Chimney Or Flue Fire, Confined To Chimney Or Flue	Commercial Compactor Fire, Confined To Rubbish	Cooking Fire, Confined To Container	Fuel Bumer/Boiler Malfunction, Fire Confined	Incinerator Overload Or Malfunction, Fire Confined	Trash Or Rubbish Fire, Contained	Total
	January	115	4	773	129	6	56	1,083
	February	76	1	741	101	5	57	981
	March	90	6	765	79	4	105	1,049
	April	37	2	807	25		116	987
	May	11	5	775	15	2	83	891
	June	3	2	682	12	4	89	792
	July	7	1	644	9	3	82	746
	August	9		698	16	1	95	819
	September	7	1	749	19		89	865
	October	28	3	820	69	5	76	1,001
	November	82	2	932	89	4	74	1,183
	December	74	3	867	72	5	77	1,098
Total	539	30	9,253	635	39	999	11,495	

Structure Fires By Property Use Category	Month	Assembly	Educational	Health Care, Detention, And Correction	Industrial, Utility, Defense, Agriculture, Mining	Information Not Provided By Fire Department	Manufacturing, Processing	Mercantile, Business	None	Outside Or Special Property	Residential	Storage	Undetermined	Total
	January	47	19	41	5		11	85	2	28	1,311	24	18	1,591
	February	48	25	45	4		16	75	3	25	1,136	23	2	1,402
	March	60	39	39	7		12	99	1	38	1,237	37	5	1,574
	April	52	32	36	3		7	89	5	74	1,137	30	15	1,480
	May	36	20	40	5		16	61	6	49	1,069	24	11	1,337
	June	59	25	23	5	2	4	65	3	41	907	21	12	1,167
	July	40	20	33	5		4	55	3	57	884	32	10	1,143
	August	48	16	40	5		8	65	3	56	943	13	9	1,206
	September	46	21	25	2	1	6	57	2	55	942	15	9	1,181
	October	48	22	34	6		17	68	4	32	1,120	20	7	1,378
	November	47	25	34	3		9	77		36	1,344	24	11	1,610
	December	59	21	34	7		10	73	1	31	1,225	20	7	1,488
	Total	590	285	424	57	3	120	869	33	522	13,255	283	116	16,557

Confined Fires By Property Use Category	Month	Assembly	Educational	Health Care, Detention, And Correction	Industrial, Utility, Defense, Agriculture, Mining	Information Not Provided By Fire Department	Manufacturing, Processing	Mercantile, Business	None	Outside Or Special Property	Residential	Storage	Undetermined	Total
	January	33	12	34	2		3	42	1	14	923	7	12	1,083
	February	33	22	37	1		6	37	1	13	831	11	1	981
	March	45	29	29	2		2	61	1	24	844	11	1	1,049
	April	38	25	27			3	50		52	778	5	9	987
	May	24	15	31	2		3	32	4	37	733	4	6	891
	June	41	18	18	2		1	37	1	25	639	3	7	792
	July	28	11	30	1		2	25	2	40	597	7	3	746
	August	37	12	33	2			36	1	36	654	3	5	819
	September	35	16	18	1	1		22	1	34	731	2	4	865
	October	34	18	25	3			4	38	3	842	6	3	1,001
	November	37	19	28	1			3	41	23	1,018	4	9	1,183
	December	47	21	30	3			1	49	1	915	3	6	1,098
Total	432	218	340	20	1	28	470	16	345	9,505	55	65	11,495	

FIRE INCIDENT RESPONSES BY MONTH

Structure Fires By Specific Incident Type													
Incident Type	January	February	March	April	May	June	July	August	September	October	November	December	Total
Building Fire	396	350	403	394	346	274	308	279	226	296	333	300	3,905
Chimney Or Flue Fire, Confined To Chimney Or Flue	115	76	90	37	11	3	7	9	7	28	82	74	539
Commercial Compactor Fire, Confined To Rubbish	4	1	6	2	5	2	1		1	3	2	3	30
Cooking Fire, Confined To Container	773	741	765	807	775	682	644	698	749	820	932	867	9,253
Fire In Mobile Home Used As Fixed Residence			1	1	5	1	1	1			3	3	16
Fire In Mobile Prop Used As A Fixed Structure, Other		3		1	1	1				1	1	1	9
Fire In Motor Home, Camper, Recreational Vehicle							2	2	1			1	6
Fire In Portable Building, Fixed Location			1	1	1		2	3	1		1		10
Fire, Other	84	51	89	76	64	75	60	68	69	57	71	66	830
Fires In Structure Other Than In A Building	28	17	31	20	29	24	24	34	19	23	18	19	286
Fuel Burner/Boiler Malfunction, Fire Confined	129	101	79	25	15	12	9	16	19	69	89	72	635
Incinerator Overload Or Malfunction, Fire Confined	6	5	4		2	4	3	1		5	4	5	39
Trash Or Rubbish Fire, Contained	56	57	105	116	83	89	82	95	89	76	74	77	999
Total	1,591	1,402	1,574	1,480	1,337	1,167	1,143	1,206	1,181	1,378	1,610	1,488	16,557

Confined Fires By Specific Incident Type													
Incident Type	January	February	March	April	May	June	July	August	September	October	November	December	Total
Chimney Or Flue Fire, Confined To Chimney Or Flue	115	76	90	37	11	3	7	9	7	28	82	74	539
Commercial Compactor Fire, Confined To Rubbish	4	1	6	2	5	2	1		1	3	2	3	30
Cooking Fire, Confined To Container	773	741	765	807	775	682	644	698	749	820	932	867	9,253
Fuel Burner/Boiler Malfunction, Fire Confined	129	101	79	25	15	12	9	16	19	69	89	72	635
Incinerator Overload Or Malfunction, Fire Confined	6	5	4		2	4	3	1		5	4	5	39
Trash Or Rubbish Fire, Contained	56	57	105	116	83	89	82	95	89	76	74	77	999
Total	1,083	981	1,049	987	891	792	746	819	865	1,001	1,183	1,098	11,495

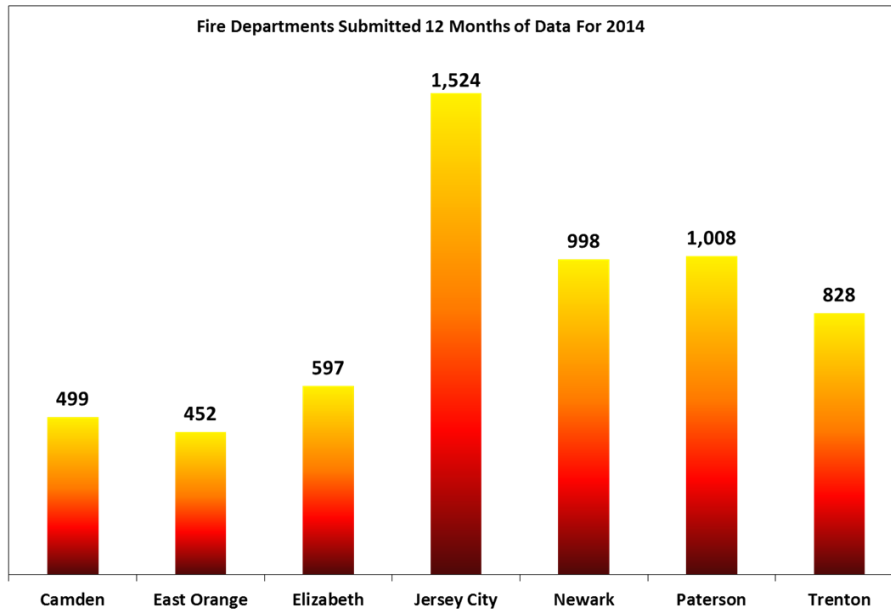


Picture courtesy of Bill Tompkins:
Teaneck, New Jersey; November 14, 2014

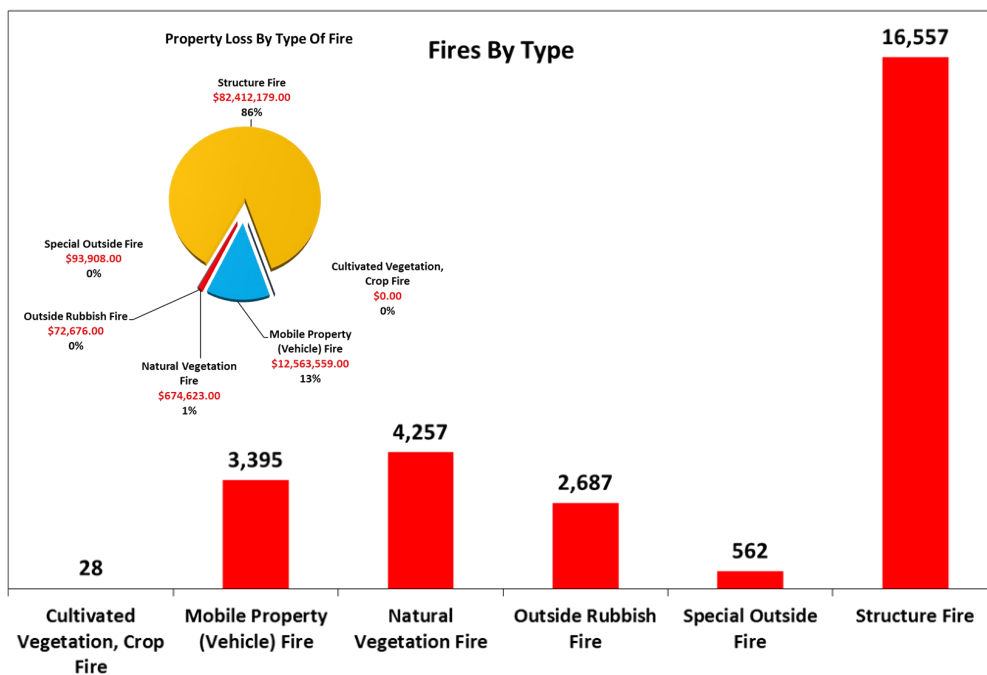
MONTH	TOTAL FIRES	FIRE SERVICE INJURIES	CIVILIAN FIRE FATALITIES	CIVILIAN FIRE INJURIES	PROPERTY LOSS	CONTENTS LOSS
January	2,115	67	4	36	\$7,311,100.00	\$2,534,505.00
February	1,895	63	8	12	\$6,604,393.00	\$3,515,207.00
March	2,530	52	16	19	\$20,220,063.00	\$4,574,688.00
April	3,319	52	9	16	\$8,411,277.00	\$4,745,404.00
May	2,339	50	5	18	\$5,361,665.00	\$3,744,961.00
June	2,371	39	12	13	\$4,976,063.00	\$1,510,884.00
July	2,315	66	6	14	\$6,246,092.00	\$2,649,436.00
August	2,251	36	2	13	\$3,595,988.00	\$1,380,243.00
September	2,008	40	3	13	\$14,678,196.00	\$3,314,041.00
October	2,036	41	1	20	\$5,591,495.00	\$2,255,604.00
November	2,340	46	8	21	\$8,378,818.00	\$5,767,548.00
December	1,967	37	7	33	\$4,441,795.00	\$875,984.00
TOTALS	27,486	589	81	228	\$95,816,945.00	\$36,868,505.00

FIRE INCIDENTS

Fire Departments That Reported Over 400 Fire Incidents In Their Cities



	2008 691 FIRE	2009 687 FIRE	2010 688 FIRE	2011 682 FIRE	2012 670 FIRE	2013 646 FIRE	2014 636 FIRE
	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED	DEPARTMENTS SUBMITTED
INCIDENT TYPES	DATA	DATA	DATA	DATA	DATA	DATA	DATA
Structure Fires	17,664	17,447	16,477	15,291	14,443	14,096	16,557
Vehicle Fires	4,299	4,009	3,581	3,138	2,522	2,728	3,395
All Other Fires	11,977	8,169	10,783	7,119	7,755	6,579	7,534
TOTAL FIRES	33,940	29,625	30,841	25,548	24,720	23,403	27,486



FIRE INCIDENTS

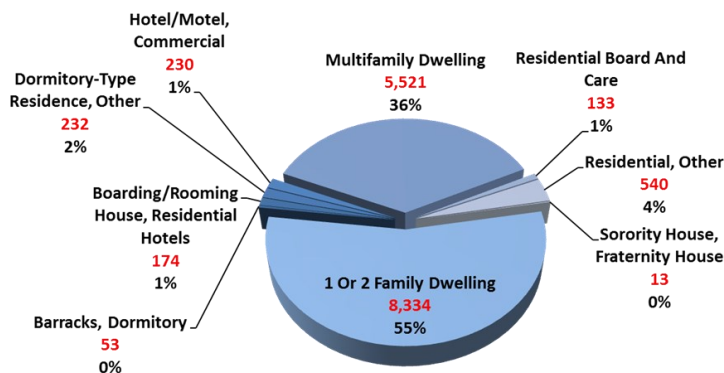
Property Use Category	Cultivated Vegetation, Crop Fire	Mobile Property (Vehicle) Fire	Natural Vegetation Fire	Outside Rubbish Fire	Special Outside Fire	Structure Fire	Total
Assembly	1	33	178	120	9	590	931
Educational		17	31	42	11	285	386
Health Care, Detention, And Correction		13	67	17	4	424	525
Industrial, Utility, Defense, Agriculture, Mining	3	13	105	13	18	57	209
Information Not Provided By Fire Department			1			3	4
Manufacturing, Processing		11	6	14	3	120	154
Mercantile, Business	3	178	365	178	24	869	1,617
None		57	39	21	6	33	156
Outside Or Special Property	14	2,811	2,626	1,347	229	522	7,549
Residential	5	146	737	849	238	13,255	15,230
Storage	1	83	48	51	15	283	481
Undetermined	1	33	54	35	5	116	244
Total	28	3,395	4,257	2,687	562	16,557	27,486

Most Frequent Property Uses Involving Fire Incidents By Specific Property Use



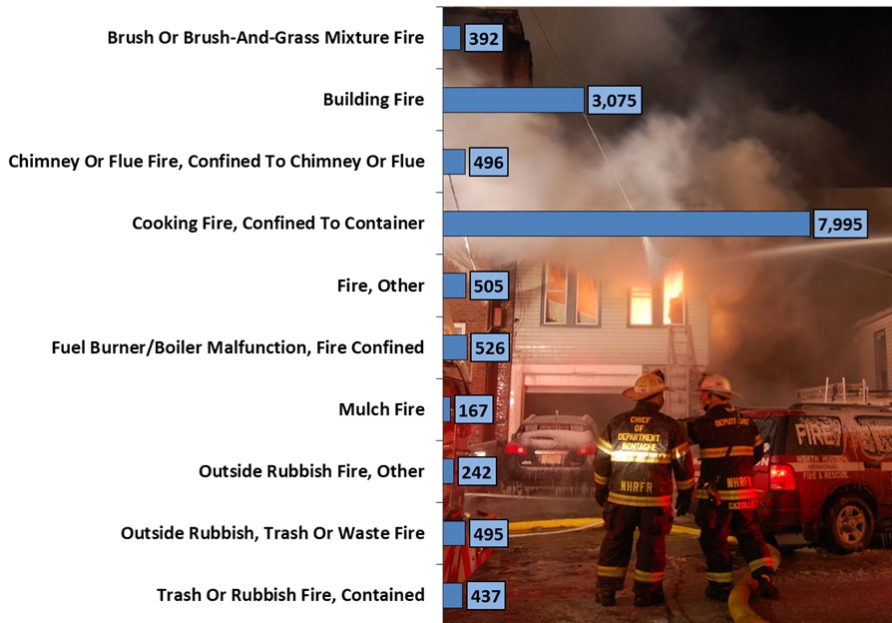
Picture courtesy of Bill Tompkins:
Paterson, New Jersey; February 5, 2014

Residential Property Use Fires



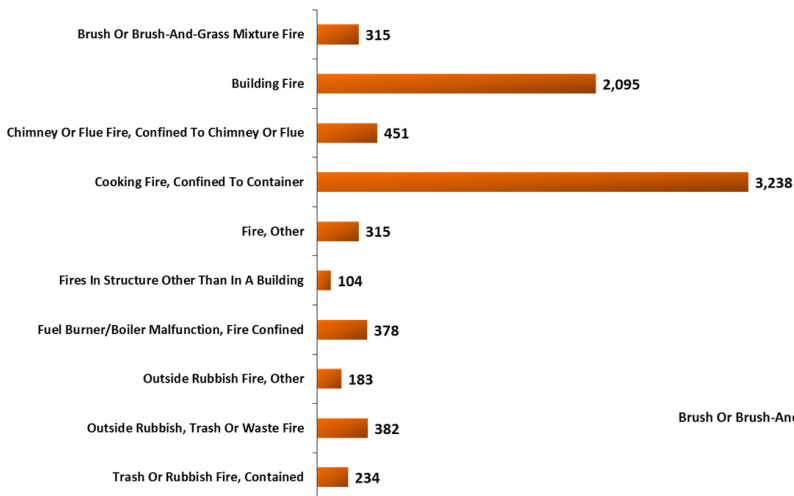
FIRE INCIDENTS

Most Frequent Fire Incident Types Involving Residential Property Uses

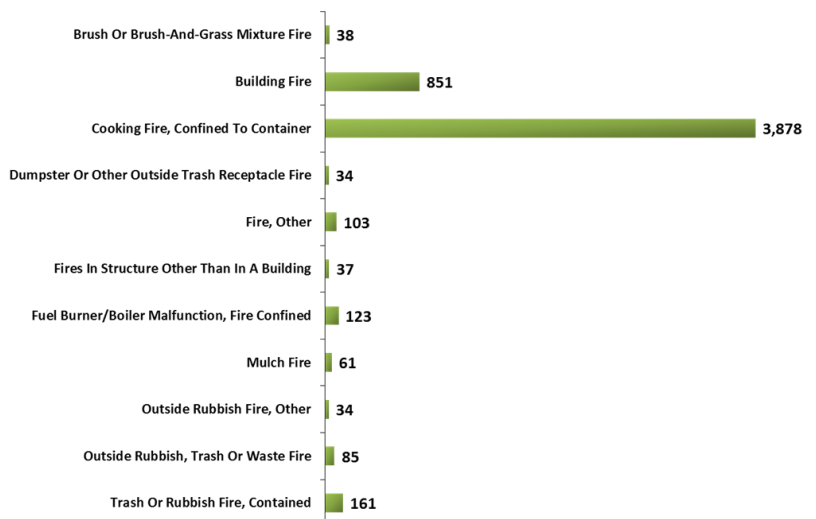


Picture courtesy of Chris Tompkins:
Union City, New Jersey; January 23, 2014

Most Frequent Fire Incident Types Involving 1 Or 2 Family Dwellings



Most Frequent Fire Incident Types Involving Multifamily Dwellings



STRUCTURE FIRE INCIDENTS

County	Total Fires	Structure Fires	Acres Burned	Property Loss	Contents Loss
Atlantic	913	556	24	\$5,328,914.00	\$1,353,193.00
Bergen	2,272	1,508	23	\$5,972,632.00	\$3,743,766.00
Burlington	1,123	472	64	\$6,276,871.00	\$2,435,221.00
Camden	1,760	878	11	\$3,544,409.00	\$1,532,760.00
Cape May	409	243	4	\$1,975,125.00	\$435,407.00
Cumberland	577	276	17	\$2,324,101.00	\$3,503,946.00
Essex	3,202	2,145	5	\$4,465,884.00	\$2,334,101.00
Gloucester	707	287	5	\$1,132,000.00	\$276,330.00
Hudson	2,666	2,045	15	\$729,430.00	\$517,393.00
Hunterdon	324	152	3	\$1,324,100.00	\$1,022,501.00
Mercer	1,678	1,164	3	\$9,080,016.00	\$1,442,481.00
Middlesex	2,229	1,131	64	\$4,540,712.00	\$2,702,763.00
Monmouth	1,714	919	20	\$4,995,946.00	\$1,723,052.00
Morris	1,187	632	6	\$1,742,561.00	\$728,602.00
Ocean	1,169	673	354	\$1,619,376.00	\$396,052.00
Passaic	2,261	1,646	17	\$20,916,149.00	\$6,855,388.00
Salem	200	103	2	\$315,200.00	\$88,250.00
Somerset	469	196	5	\$1,050,343.00	\$79,165.00
Sussex	339	165	42	\$141,500.00	\$13,450.00
Union	1,982	1,199	6	\$17,640,026.00	\$5,554,884.00
Warren	305	167	11	\$701,650.00	\$129,800.00
Totals	27,486	16,557	701	\$95,816,945.00	\$36,868,505.00

Structure Fires By Property Use Category				
Property Use Category	Total		Property Loss	Contents Loss
	Structure Fires	% Of Total		
Assembly	590	3.56%	\$3,175,560.00	\$1,321,540.00
Educational	285	1.72%	\$217,423.00	\$115,720.00
Health Care, Detention, And Correction	424	2.56%	\$282,052.00	\$77,735.00
Industrial, Utility, Defense, Agriculture, Mining	57	0.34%	\$62,000.00	\$36,000.00
Information Not Provided By Fire Department	3	0.02%	\$0.00	\$0.00
Manufacturing, Processing	120	0.72%	\$548,000.00	\$1,796,700.00
Mercantile, Business	869	5.25%	\$19,827,656.00	\$11,197,758.00
None	33	0.20%	\$3,000.00	\$6,950.00
Outside Or Special Property	522	3.15%	\$44,524.00	\$31,773.00
Residential	13,255	80.06%	\$55,650,356.00	\$16,819,789.00
Storage	283	1.71%	\$1,330,603.00	\$2,028,902.00
Undetermined	116	0.70%	\$1,271,005.00	\$1,026,015.00
Total	16,557	100.00%	\$82,412,179.00	\$34,458,882.00

STRUCTURE FIRE INCIDENTS

Residential Structure Fires				
Incident Type	Total		Property Loss	Contents Loss
	Structure Fires	% Of Total		
Building Fire	3,075	23.20%	\$53,626,623.00	\$16,022,102.00
Chimney Or Flue Fire, Confined To Chimney Or Flue	496	3.74%	\$43,772.00	\$28,302.00
Commercial Compactor Fire, Confined To Rubbish	21	0.16%	\$500.00	\$0.00
Cooking Fire, Confined To Container	7,995	60.32%	\$109,687.00	\$124,636.00
Fire In Mobile Home Used As Fixed Residence	16	0.12%	\$153,001.00	\$30,000.00
Fire In Mobile Prop Used As A Fixed Struc, Other	1	0.01%	\$0.00	\$0.00
Fire In Motor Home, Camper, Recreational Vehicle	1	0.01%	\$0.00	\$0.00
Fire In Portable Building, Fixed Location	2	0.02%	\$0.00	\$0.00
Fire, Other	505	3.81%	\$1,450,404.00	\$488,794.00
Fires In Structure Other Than In A Building	150	1.13%	\$207,751.00	\$63,376.00
Fuel Burner/Boiler Malfunction, Fire Confined	526	3.97%	\$40,854.00	\$51,454.00
Incinerator Overload Or Malfunction, Fire Confined	30	0.23%	\$4,000.00	\$2,501.00
Trash Or Rubbish Fire, Contained	437	3.30%	\$13,764.00	\$8,624.00
Total	13,255	100.00%	\$55,650,356.00	\$16,819,789.00



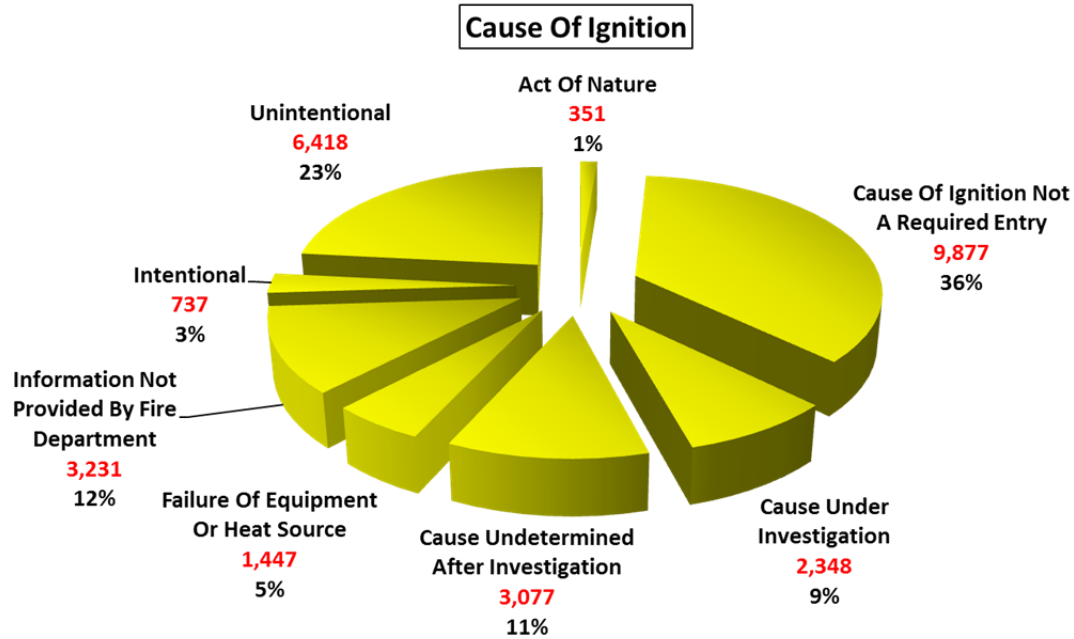
Picture courtesy of Chris Tompkins:
Leonía, New Jersey; January 30, 2014

Structure Type Of Structure Fires	Total
Air-Supported Structure	2
Connective Structure	29
Enclosed Building	3,786
Information Not Provided By Fire Department	876
Open Platform	17
Open Structure	51
Other	346
Portable Or Mobile Structure	48
Structure Type Not A Required Entry	11,393
Tent	5
Underground Structure Work Areas	4
Total	16,557



Status Of Enclosed Building Structure Fires	Total
Being Demolished	11
Idle, Not Routinely Used	28
Illegal Residential Conversion	9
Occupied And Operating	3,297
Other	50
Overcrowding	2
Under Construction	47
Under Major Renovation	39
Undetermined	68
Vacant And Secured	123
Vacant And Unsecured	112
Total	3,786

FIRE INCIDENTS - CAUSE OF IGNITION

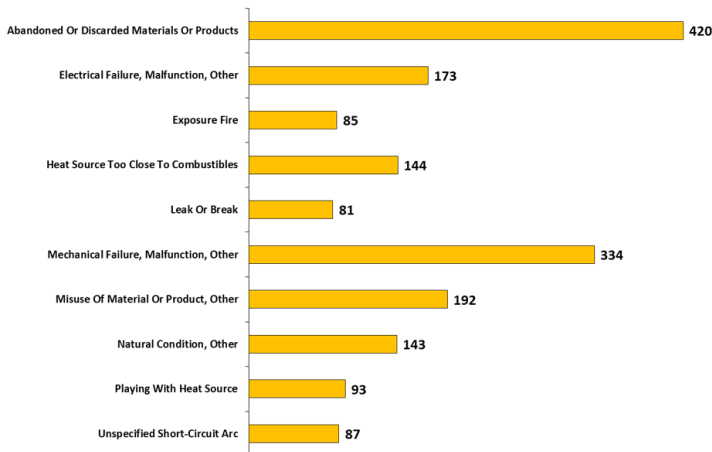


Property Use Category	Act Of Nature	Cause Of Ignition Not A Required Entry	Cause Under Investigation	Cause Undetermined After Investigation	Failure Of Equipment Or Heat Source	Information Not Provided By Fire Department	Intentional	Unintentional	Total
Assembly	26	365	64	92	36	131	20	197	931
Educational	4	196	24	23	22	45	12	60	386
Health Care, Detention, And Correction	3	301	26	35	24	30	9	97	525
Industrial, Utility, Defense, Agriculture, Mining	9	16	37	39	21	31	9	47	209
Information Not Provided By Fire Department		1	2			1			4
Manufacturing, Processing	1	25	30	21	22	21		34	154
Mercantile, Business	29	403	144	230	109	222	20	460	1,617
None	2	13	19	34	8	28	5	47	156
Outside Or Special Property	171	255	762	1,774	600	1,428	292	2,267	7,549
Residential	83	8,195	1,112	729	577	1,160	346	3,028	15,230
Storage	19	44	112	74	25	69	16	122	481
Undetermined	4	63	16	26	3	65	8	59	244
Total	351	9,877	2,348	3,077	1,447	3,231	737	6,418	27,486

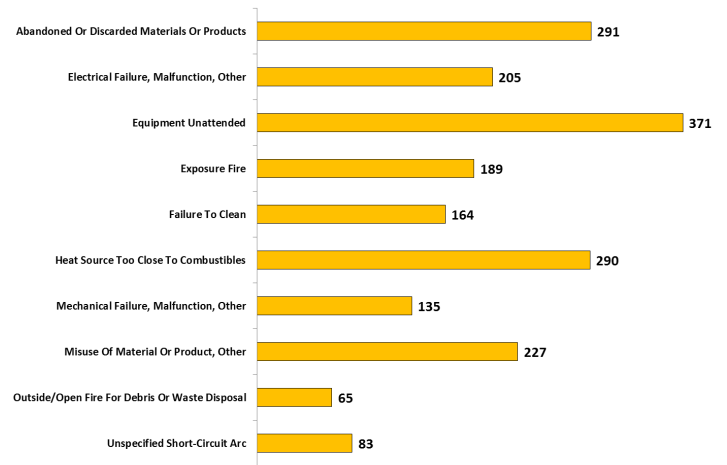
Structure Fires - Cause Of Ignition					
Cause Of Ignition	Incidents	% Of Total	Property Loss	Contents Loss	Total Dollar Loss
Act Of Nature	61	0.37%	\$343,601.00	\$124,001.00	\$467,602.00
Cause Of Ignition Not A Required Entry	9,877	59.65%	\$179,369.00	\$189,899.00	\$369,268.00
Cause Under Investigation	1,342	8.11%	\$25,730,429.00	\$13,917,341.00	\$39,647,770.00
Cause Undetermined After Investigation	678	4.09%	\$14,843,871.00	\$6,639,702.00	\$21,483,573.00
Failure Of Equipment Or Heat Source	715	4.32%	\$3,249,430.00	\$1,575,521.00	\$4,824,951.00
Information Not Provided By Fire Department	560	3.38%	\$14,072,402.00	\$3,963,053.00	\$18,035,455.00
Intentional	211	1.27%	\$1,047,156.00	\$263,115.00	\$1,310,271.00
Unintentional	3,113	18.80%	\$22,945,921.00	\$7,786,250.00	\$30,732,171.00
Total	16,557	100.00%	\$82,412,179.00	\$34,458,882.00	\$116,871,061.00

FIRE INCIDENTS - FACTORS CONTRIBUTING TO IGNITION

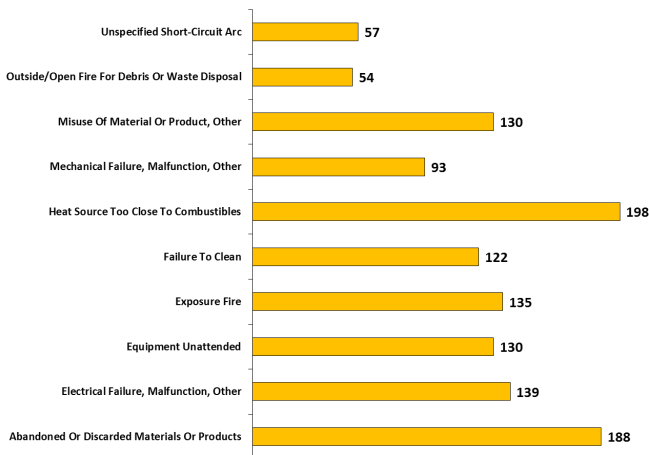
Most Frequent Factors Contributing To Ignition
Non-Residential Property Uses



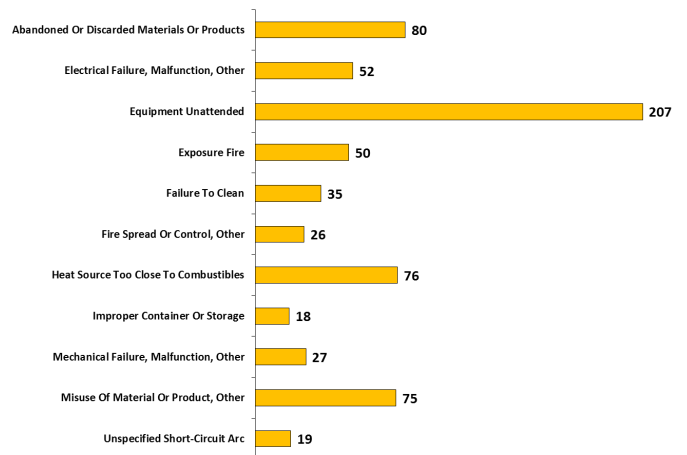
Most Frequent Factors Contributing To Ignition
Residential Property Uses



Most Frequent Factors Contributing To Ignition
1 Or 2 Family Dwellings



Most Frequent Factors Contributing To Ignition
Multifamily Dwellings

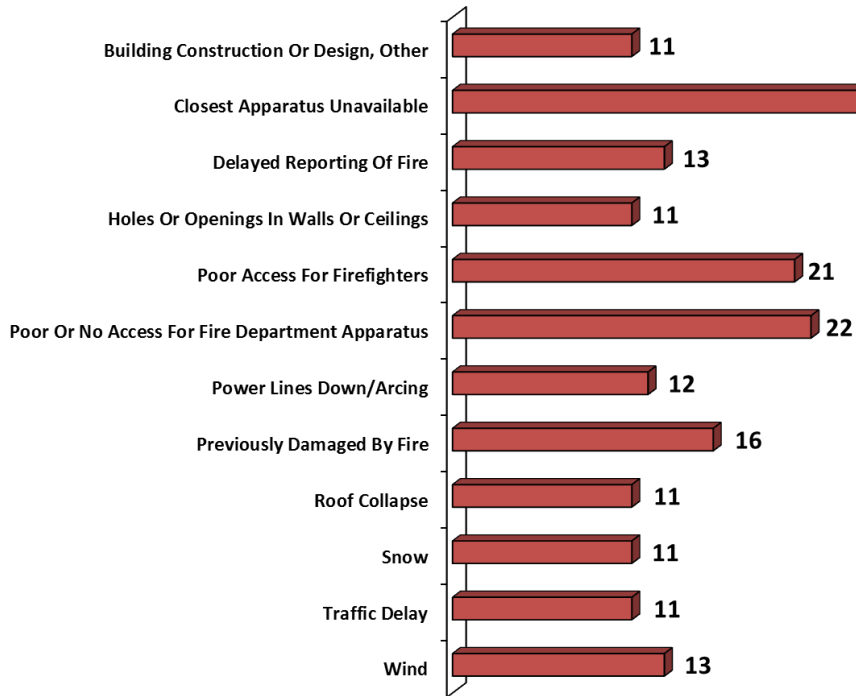


Non-Residential Property Uses	Human Factors Contributing To Ignition			
	Human Factor	Incidents	Property Loss	Contents Loss
	Age Was A Factor	27	\$10,001.00	\$601.00
	Fell Asleep	60	\$980,800.00	\$204,401.00
	Multiple Persons Involved	85	\$57,500.00	\$52,250.00
	Person Possibly Was Impaired By Drug or Alcohol	82	\$42,801.00	\$322.00
	Physically Disabled	1	\$6,000.00	\$6,000.00
	Possibly Mentally Disabled	18	\$65,050.00	\$20,000.00
	Unattended Or Unsupervised Person	222	\$212,221.00	\$99,921.00
	Total	495	\$1,374,373.00	\$383,495.00

Residential Property Uses	Human Factors Contributing To Ignition			
	Human Factor	Incidents	Property Loss	Contents Loss
	Age Was A Factor	73	\$881,704.00	\$213,589.00
	Fell Asleep	133	\$2,317,727.00	\$922,402.00
	Multiple Persons Involved	55	\$856,001.00	\$187,701.00
	Person Possibly Was Impaired By Drug or Alcohol	80	\$841,500.00	\$218,075.00
	Physically Disabled	8	\$20,300.00	\$20,102.00
	Possibly Mentally Disabled	31	\$20,102.00	\$8,827.00
	Unattended Or Unsupervised Person	394	\$4,307,625.00	\$2,634,199.00
	Total	774	\$9,244,959.00	\$4,204,895.00

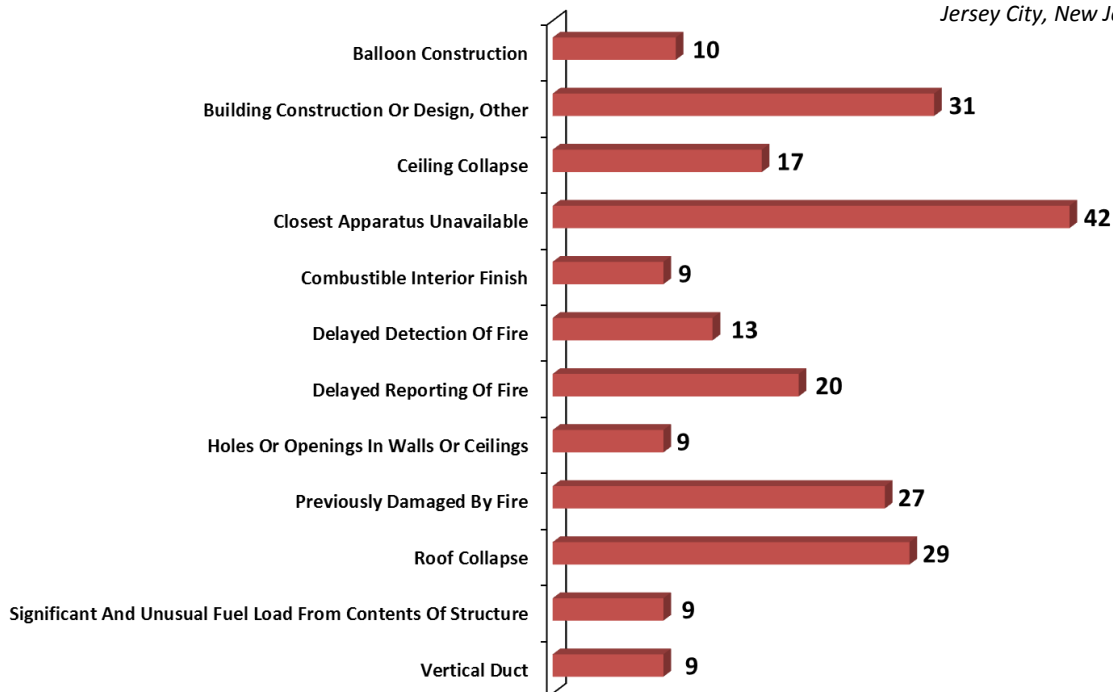
FIRE INCIDENTS - FIRE SUPPRESSION FACTORS

Most Frequent Fire Suppression Factors Non-Residential Property Uses



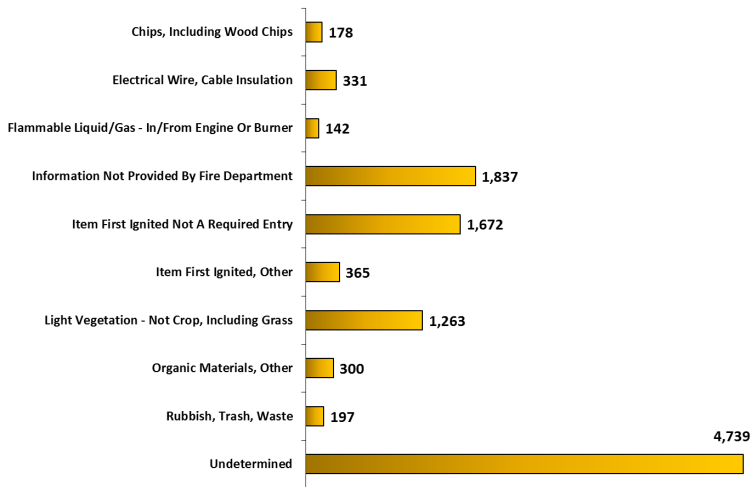
Picture courtesy of Bill Tompkins:
Jersey City, New Jersey; February 28, 2014

Most Frequent Fire Suppression Factors Residential Property Uses

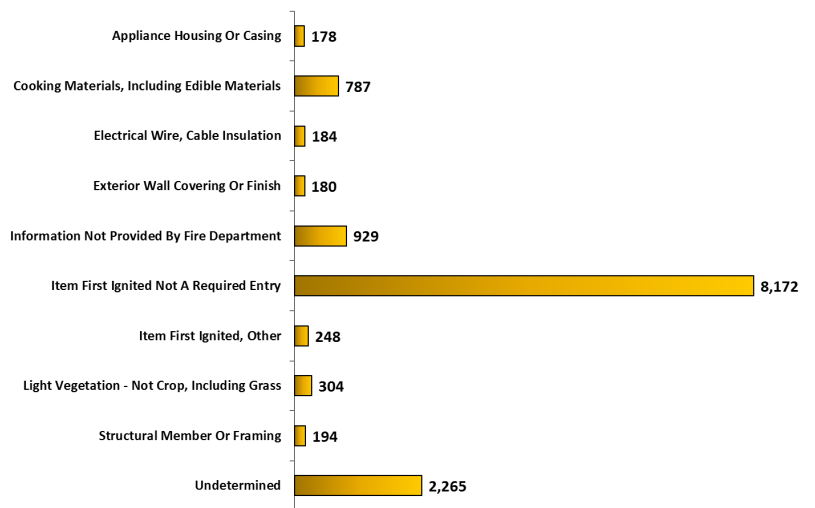


FIRE INCIDENTS - ITEM FIRST IGNITED

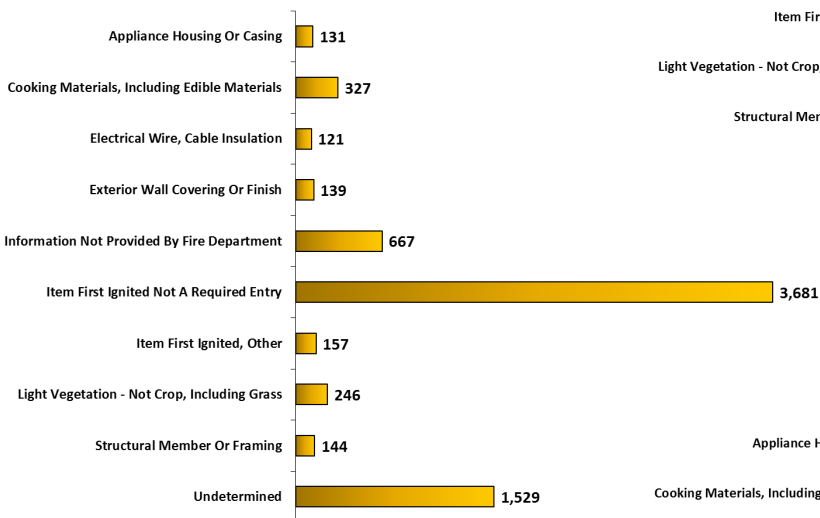
Most Frequent Item First Ignited
Non-Residential Property Uses



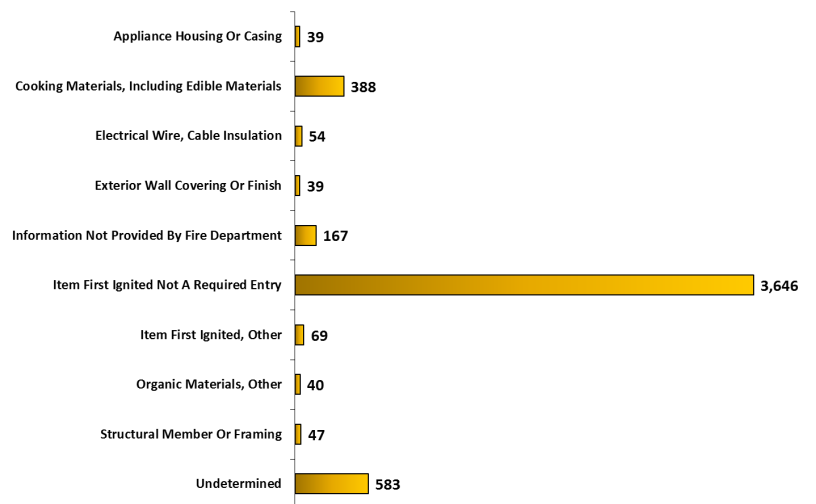
Most Frequent Item First Ignited
Residential Property Uses



Most Frequent Item First Ignited
1 Or 2 Family Dwellings



Most Frequent Item First Ignited
Multifamily Dwellings

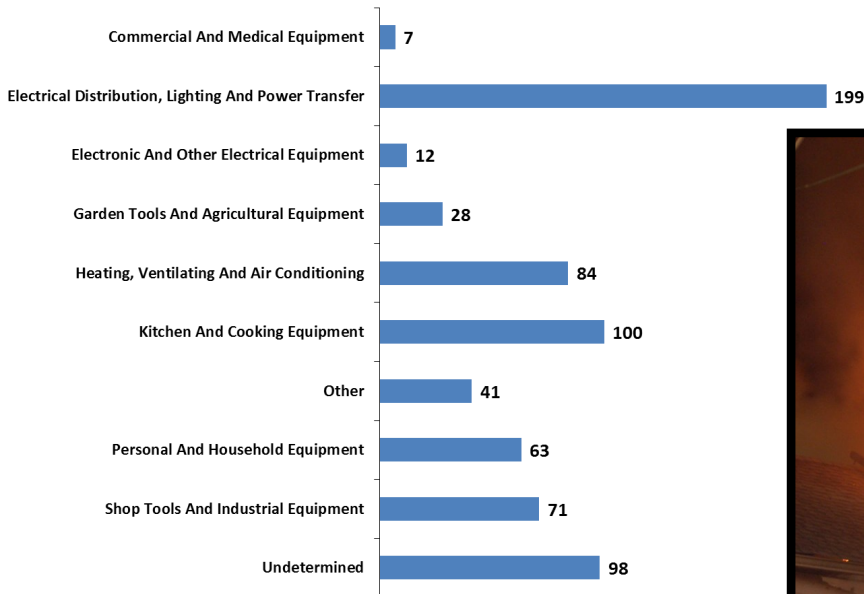


FIRE INCIDENTS - EQUIPMENT INVOLVED

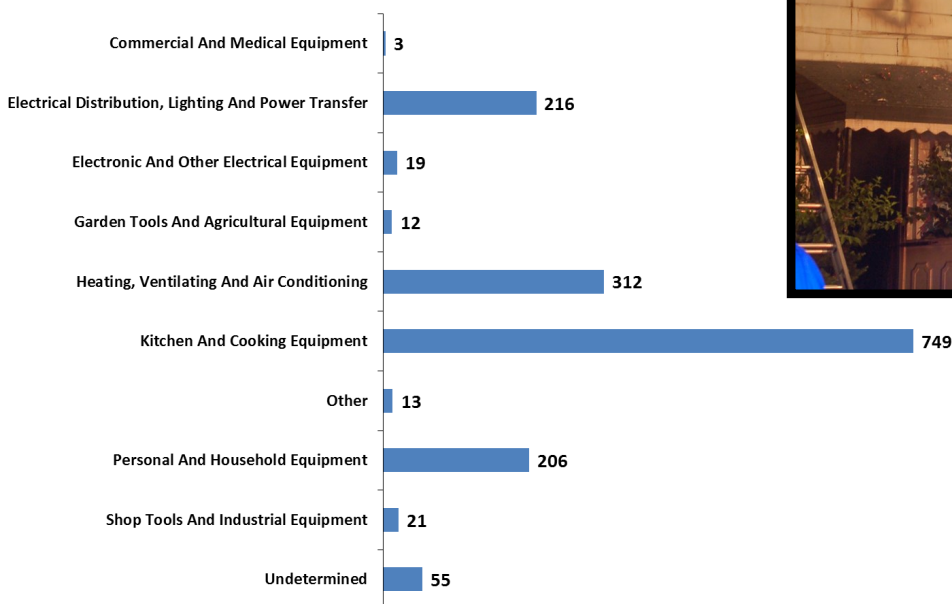
Structure Fires = 16,557
 Equipment Involved In Ignition = 1,669
 Equipment Brand Identified = 324

Of the 16,557 reported structure fire incidents, 1,669 (10%) of those incidents were identified as having equipment involved in ignition. Of those 1,669 incidents, only 324 (19%) were identified by the product brand name. Of the 16,557 structure fire incidents, fire departments did not provide information for 2,619 (15%) incidents as to whether or not there was any equipment involved in ignition.

Equipment Involved In Ignition By Category Non-Residential Property Uses



Equipment Involved In Ignition By Category Residential Property Uses

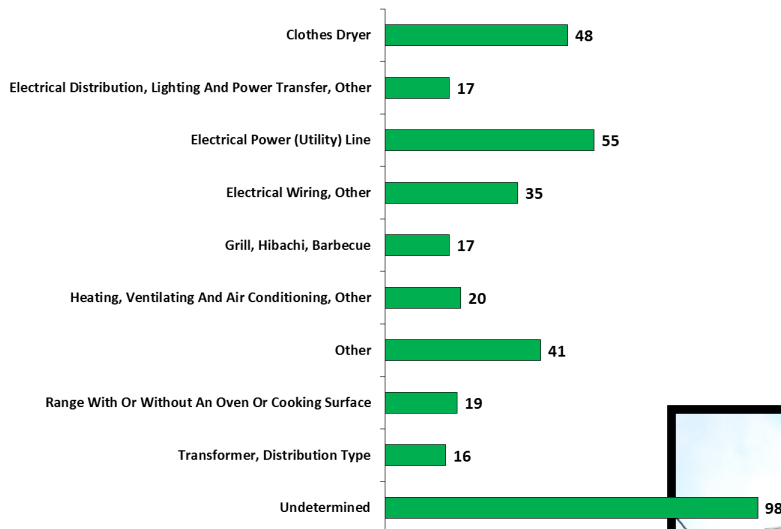


Picture courtesy of Bill Tompkins:
 Saddle Brook, New Jersey; June 18, 2014

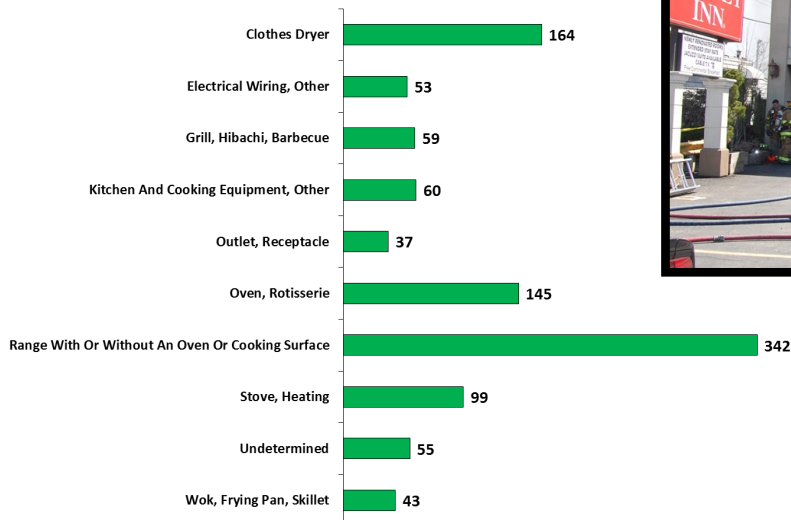
FIRE INCIDENTS - EQUIPMENT INVOLVED

Most Frequent Equipment Involved In Ignition													
Equipment Involved	January	February	March	April	May	June	July	August	September	October	November	December	Total
Clothes Dryer	12	24	21	19	20	12	11	15	12	21	27	18	212
Electrical Power (Utility) Line	4	2	7	10	5	5	11	4	9	4	5	1	67
Electrical Wiring, Other	5	13	7	9	11	7	14	3	6	4	4	5	88
Fan	2	7	1	5	3	1	2	6	4	2	3		36
Fumace, Central Heating Unit	7	2	3	2	1			1		4	5	2	27
Grill, Hibachi, Barbecue	1	2	1	3	10	22	10	13	9	2	1	2	76
Heating, Ventilating And Air Conditioning, Other	7	4	6	1	1			2	1	2	11	1	36
Kitchen And Cooking Equipment, Other	8	8	13	6	3	2	4	4	3	4	6	5	66
Lamp, Lighting, Other	5			6	3	2	1	2	1	3	2	3	28
Microwave Oven	5		6	1	5	7	2	1	3	4	6	5	45
Other	6	7	1	7	6	3	4	6	2	2	5	5	54
Outlet, Receptacle	3	2	4	5	2	4	5	2	3	5	4	8	47
Oven, Rotisserie	12	16	7	17	15	8	9	10	7	20	20	19	160
Range With Or Without An Oven Or Cooking Surface	31	21	28	21	41	34	22	24	34	43	30	32	361
Stove, Heating	7	12	11	5	11	8	8	7	13	14	8	8	112
Toaster, Toaster Oven, Counter-Top Broiler	3	4	4	3	4	2	5	1	2	3	1	3	35
Undetermined	13	10	18	19	17	10	8	16	13	7	12	10	153
Wok, Frying Pan, Skillet	7	5	5		4	4	4	2	4	6	5	2	48

**Most Frequent Equipment Involved In Ignition
Non-Residential Property Use**



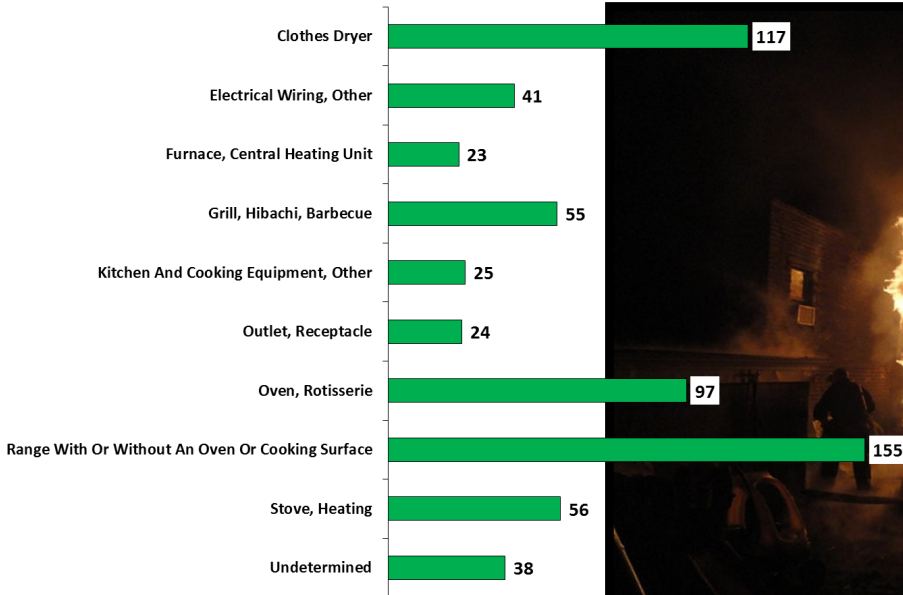
**Most Frequent Equipment Involved In Ignition
Residential Property Uses**



Picture courtesy of Chris Tompkins:
Elmwood Park, New Jersey; April 16, 2014

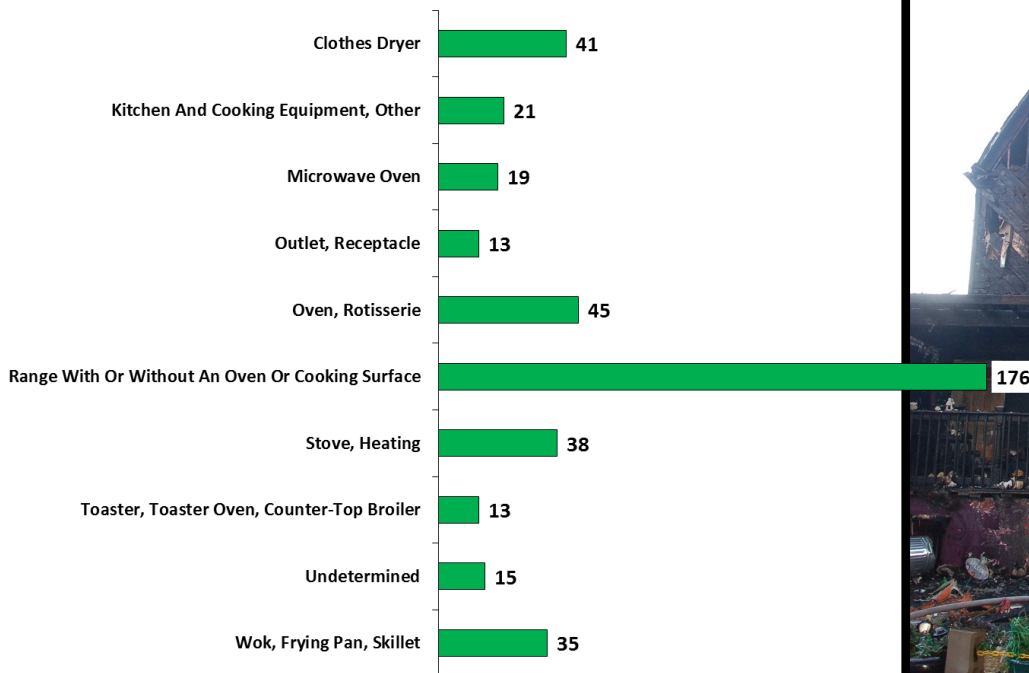
FIRE INCIDENTS - EQUIPMENT INVOLVED

Most Frequent Equipment Involved In Ignition 1 Or 2 Family Dwellings



Picture provided by Bill Tompkins:
Newark, New Jersey; June 15, 2014

Most Frequent Equipment Involved In Ignition Multifamily Dwellings



Picture courtesy of Bill Tompkins:
Newark, New Jersey; June 15, 2014

FIRE INCIDENTS - HEAT SOURCE

Most Frequent Heat Source Of Fires	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Cigarette	439	\$2,003,963.00	\$1,058,182.00	\$3,062,145.00
Electrical Arcing	800	\$4,110,770.00	\$1,273,927.00	\$5,384,697.00
Heat From Direct Flame, Convection Currents	200	\$1,842,920.00	\$335,755.00	\$2,178,675.00
Heat From Other Open Flame Or Smoking Materials	238	\$663,456.00	\$224,659.00	\$888,115.00
Heat From Powered Equipment, Other	948	\$2,663,993.00	\$959,797.00	\$3,623,790.00
Heat Source: Other	683	\$2,340,173.00	\$569,729.00	\$2,909,902.00
Hot Ember Or Ash	535	\$1,885,388.00	\$483,934.00	\$2,369,322.00
Hot Or Smoldering Object, Other	566	\$868,176.00	\$229,693.00	\$1,097,869.00
Radiated, Conducted Heat From Operating Equipment	995	\$2,721,518.00	\$2,480,021.00	\$5,201,539.00
Spark, Ember Or Flame From Operating Equipment	551	\$3,251,885.00	\$819,492.00	\$4,071,377.00



Picture courtesy of Ron Jeffers:
Carlstadt, New Jersey; April 24, 2014

Most Frequent Heat Source Of Fires	January	February	March	April	May	June	July	August	September	October	November	December	Total
Cigarette	12	10	32	101	50	67	53	40	28	18	12	16	439
Electrical Arcing	82	68	79	70	60	84	75	47	56	56	51	72	800
Heat From Direct Flame, Convection Currents	21	12	19	33	17	13	9	17	14	22	10	13	200
Heat From Other Open Flame Or Smoking Materials	12	17	19	25	27	30	25	17	16	14	23	13	238
Heat From Powered Equipment, Other	105	104	88	73	75	78	63	73	60	71	84	74	948
Heat Source: Other	53	46	59	74	64	80	68	53	58	55	42	31	683
Hot Ember Or Ash	23	30	54	93	39	45	47	43	34	26	70	31	535
Hot Or Smoldering Object, Other	36	38	53	79	45	56	44	64	42	34	42	33	566
Radiated, Conducted Heat From Operating Equipment	108	84	92	72	84	82	66	62	76	99	101	69	995
Spark, Ember Or Flame From Operating Equipment	47	39	40	65	51	48	48	43	31	51	50	38	551

FIRE INCIDENTS - HEAT SOURCE

Non-Residential Property Uses	Most Frequent Heat Source Of Fire - Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Cigarette	32	\$5,304.00	\$1,904.00
	Electrical Arcing	136	\$633,801.00	\$228,871.00
	Heat From Other Open Flame Or Smoking Materials	23	\$21,750.00	\$42,500.00
	Heat From Powered Equipment, Other	134	\$51,403.00	\$109,394.00
	Heat Source: Other	80	\$37,504.00	\$14,204.00
	Hot Ember Or Ash	43	\$47,502.00	\$57,002.00
	Hot Or Smoldering Object, Other	61	\$15,401.00	\$13,361.00
	Lighter: Cigarette, Cigar	20	\$880,002.00	\$151,002.00
	Radiated, Conducted Heat From Operating Equipment	140	\$722,103.00	\$1,674,090.00
	Spark, Ember Or Flame From Operating Equipment	70	\$1,365,552.00	\$338,071.00
	Most Frequent Heat Source Of Fires - Non-Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Cigarette	262	\$1,261.00	\$3,026.00
	Electrical Arcing	294	\$728,053.00	\$39,603.00
	Heat From Powered Equipment, Other	320	\$1,066,116.00	\$179,456.00
	Heat Source: Other	257	\$46,058.00	\$52,208.00
	Heat, Spark From Friction	98	\$431,000.00	\$37,475.00
Hot Ember Or Ash	223	\$32,363.00	\$2,228.00	
Hot Or Smoldering Object, Other	237	\$219,450.00	\$4,200.00	
Match	87	\$105,601.00	\$101.00	
Radiated, Conducted Heat From Operating Equipment	207	\$283,102.00	\$48,202.00	
Spark, Ember Or Flame From Operating Equipment	138	\$266,151.00	\$60,250.00	

Residential Property Uses	Most Frequent Heat Source Of Fires - Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Candle	98	\$993,001.00	\$255,296.00
	Cigarette	93	\$1,495,088.00	\$802,752.00
	Electrical Arcing	337	\$2,748,715.00	\$1,001,407.00
	Heat From Direct Flame, Convection Currents	150	\$1,493,820.00	\$253,155.00
	Heat From Other Open Flame Or Smoking Materials	137	\$629,001.00	\$180,403.00
	Heat From Powered Equipment, Other	460	\$1,533,974.00	\$664,697.00
	Heat Source: Other	283	\$2,255,109.00	\$503,315.00
	Hot Ember Or Ash	183	\$1,779,873.00	\$424,703.00
	Hot Or Smoldering Object, Other	220	\$627,324.00	\$211,131.00
	Radiated, Conducted Heat From Operating Equipment	618	\$1,703,763.00	\$756,929.00
	Spark, Ember Or Flame From Operating Equipment	308	\$1,605,682.00	\$420,171.00
	Most Frequent Heat Source Of Fires - Non-Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Cigarette	52	\$502,310.00	\$250,500.00
	Electrical Arcing	33	\$201.00	\$4,046.00
	Heat From Powered Equipment, Other	34	\$12,500.00	\$6,250.00
	Heat Source: Other	63	\$1,502.00	\$2.00
	Hot Ember Or Ash	86	\$25,650.00	\$1.00
	Hot Or Smoldering Object, Other	48	\$6,001.00	\$1,001.00
	Lighter: Cigarette, Cigar	33	\$3,000.00	\$0.00
	Match	59	\$1,001.00	\$1.00
Radiated, Conducted Heat From Operating Equipment	30	\$12,550.00	\$800.00	
Spark, Ember Or Flame From Operating Equipment	35	\$14,500.00	\$1,000.00	

FIRE INCIDENTS - HEAT SOURCE

1 Or 2 Family Dwellings	Most Frequent Heat Source Of Fires - Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Candle	56	\$589,801.00	\$129,161.00
	Cigarette	56	\$155,061.00	\$2,151.00
	Electrical Arcing	250	\$2,282,465.00	\$749,406.00
	Heat From Direct Flame, Convection Currents	107	\$1,243,820.00	\$241,305.00
	Heat From Other Open Flame Or Smoking Materials	101	\$518,001.00	\$148,103.00
	Heat From Powered Equipment, Other	284	\$1,328,870.00	\$635,768.00
	Heat Source: Other	136	\$1,222,701.00	\$191,281.00
	Hot Ember Or Ash	147	\$1,540,773.00	\$372,702.00
Hot Or Smoldering Object, Other	113	\$421,712.00	\$164,059.00	
Radiated, Conducted Heat From Operating Equipment	333	\$1,421,062.00	\$661,662.00	
Spark, Ember Or Flame From Operating Equipment	178	\$939,680.00	\$203,534.00	
Most Frequent Heat Source Of Fires - Non-Structure Fires				
Heat Source	Incidents	Property Loss	Contents Loss	
Electrical Arcing	27	\$201.00	\$4,001.00	
Heat From Other Open Flame Or Smoking Materials	28	\$2,000.00	\$1,750.00	
Heat From Powered Equipment, Other	24	\$8,000.00	\$250.00	
Heat Source: Other	49	\$1,502.00	\$2.00	
Hot Ember Or Ash	67	\$25,150.00	\$1.00	
Hot Or Smoldering Object, Other	34	\$5,001.00	\$1,001.00	
Lighter: Cigarette, Cigar	29	\$3,000.00	\$0.00	
Match	55	\$1,001.00	\$1.00	
Radiated, Conducted Heat From Operating Equipment	29	\$12,550.00	\$800.00	
Spark, Ember Or Flame From Operating Equipment	32	\$14,300.00	\$1,000.00	

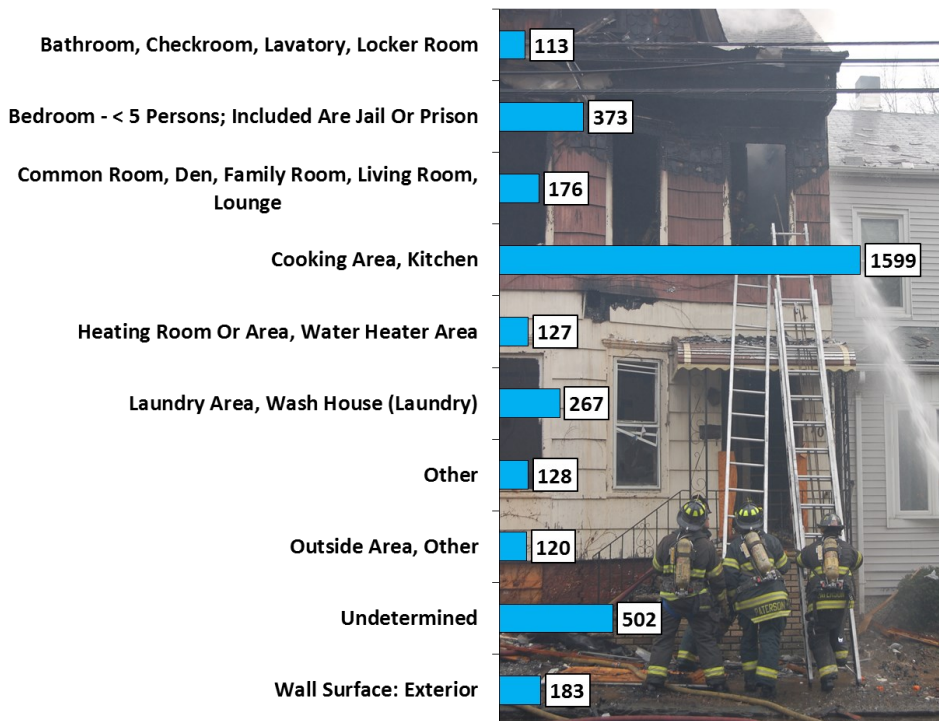
Multifamily Dwellings	Most Frequent Heat Source Of Fires - Structure Fires			
	Heat Source	Incidents	Property Loss	Contents Loss
	Candle	37	\$403,200.00	\$126,130.00
	Cigarette	33	\$1,340,001.00	\$800,601.00
	Electrical Arcing	70	\$450,750.00	\$251,901.00
	Heat From Direct Flame, Convection Currents	36	\$250,000.00	\$11,850.00
	Heat From Other Open Flame Or Smoking Materials	32	\$110,000.00	\$32,100.00
	Heat From Powered Equipment, Other	136	\$34,103.00	\$18,828.00
	Heat Source: Other	113	\$1,013,905.00	\$306,031.00
	Hot Or Smoldering Object, Other	83	\$194,611.00	\$40,571.00
Radiated, Conducted Heat From Operating Equipment	244	\$168,701.00	\$58,617.00	
Spark, Ember Or Flame From Operating Equipment	121	\$661,001.00	\$216,136.00	
Most Frequent Heat Source Of Fires - Non-Structure Fires				
Heat Source	Incidents	Property Loss	Contents Loss	
Cigarette	23	\$500,010.00	\$250,500.00	
Electrical Arcing	3	\$0.00	\$20.00	
Heat From Powered Equipment, Other	5	\$4,500.00	\$6,000.00	
Heat Source: Other	7	\$0.00	\$0.00	
Hot Ember Or Ash	9	\$500.00	\$0.00	
Hot Or Smoldering Object, Other	6	\$1,000.00	\$0.00	
Lighter: Cigarette, Cigar	2	\$0.00	\$0.00	
Match	2	\$0.00	\$0.00	
Molten, Hot Material	2	\$100.00	\$0.00	
Spark, Ember Or Flame From Operating Equipment	2	\$200.00	\$0.00	
Spontaneous Combustion, Chemical Reaction	5	\$0.00	\$0.00	
Sunlight	2	\$0.00	\$0.00	

FIRE INCIDENTS - AREA OF FIRE ORIGIN

Most Frequent Area Of Fire Origin - Non-Residential Property Uses			
Area Of Fire Origin	Incidents	Property Loss	Contents Loss
Cooking Area, Kitchen	178	\$1,644,954.00	\$1,200,317.00
Engine Area, Running Gear, Wheel Area	1,661	\$4,704,765.00	\$543,344.00
Highway, Parking Lot, Street: On Or Near	943	\$138,185.00	\$4,994.00
Open Area - Outside; Included Are Farmland, Field	649	\$24,569.00	\$1,021,192.00
Operator/Passenger Area Of Transportation Equipment	230	\$1,170,480.00	\$201,555.00
Other	351	\$157,908.00	\$63,508.00
Outside Area, Other	1,049	\$223,946.00	\$53,530.00
Undetermined	1,469	\$19,826,601.00	\$8,392,706.00
Vehicle Area, Other	285	\$416,001.00	\$94,154.00
Wildland, Woods	367	\$503.00	\$3.00

Most Frequent Area Of Fire Origin - Residential Property Uses			
Area Of Fire Origin	Incidents	Property Loss	Contents Loss
Bedroom - < 5 Persons; Included Are Jail Or Prison	373	\$2,869,265.00	\$941,119.00
Common Room, Den, Family Room, Living Room, Lounge	176	\$3,012,658.00	\$820,814.00
Cooking Area, Kitchen	1,601	\$5,580,122.00	\$2,272,625.00
Courtyard, Patio, Porch, Terrace	211	\$761,090.00	\$128,510.00
Laundry Area, Wash House (Laundry)	267	\$708,297.00	\$242,372.00
Open Area - Outside; Included Are Farmland, Field	201	\$8,662.00	\$6,372.00
Other	187	\$1,678,711.00	\$475,912.00
Outside Area, Other	513	\$523,508.00	\$79,684.00
Undetermined	661	\$22,150,216.00	\$5,794,167.00
Wall Surface: Exterior	191	\$2,950,876.00	\$673,501.00

Most Frequent Area Of Fire Origin In Residential Structure Fires



Picture courtesy of Chris Tompkins:
Paterson, New Jersey; March 25, 2014

FIRE INCIDENTS - AREA OF FIRE ORIGIN

1 Or 2 Family Dwellings	Most Frequent Area Of Fire Origin - Non-Structure Fires				
	Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Courtyard, Patio, Porch, Terrace	102	\$18,850.00	\$1,500.00	\$20,350.00
	Engine Area, Running Gear, Wheel Area	57	\$116,901.00	\$2,701.00	\$119,602.00
	Exterior Balcony, Unenclosed Porch	11	\$2,050.00	\$800.00	\$2,850.00
	Exterior, Exposed Surface	13	\$9,500.00	\$0.00	\$9,500.00
	Highway, Parking Lot, Street: On Or Near	17	\$0.00	\$0.00	\$0.00
	Open Area - Outside; Included Are Farmland, Field	161	\$7,552.00	\$4,852.00	\$12,404.00
	Other	43	\$2.00	\$2.00	\$4.00
	Outside Area, Other	295	\$23,002.00	\$2,703.00	\$25,705.00
Vehicle Area, Other	12	\$12,000.00	\$1,000.00	\$13,000.00	
Wildland, Woods	33	\$0.00	\$0.00	\$0.00	
Most Frequent Area Of Fire Origin - Structure Fires					
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss	
Bedroom - < 5 Persons; Included Are Jail Or Prison	233	\$2,073,612.00	\$738,687.00	\$2,812,299.00	
Common Room, Den, Family Room, Living Room, Lounge	132	\$2,156,131.00	\$638,412.00	\$2,794,543.00	
Cooking Area, Kitchen	773	\$4,610,483.00	\$1,806,479.00	\$6,416,962.00	
Heating Room Or Area, Water Heater Area	99	\$642,450.00	\$274,900.00	\$917,350.00	
Laundry Area, Wash House (Laundry)	198	\$641,646.00	\$207,551.00	\$849,197.00	
Other	88	\$386,505.00	\$71,905.00	\$458,410.00	
Outside Area, Other	90	\$345,003.00	\$56,753.00	\$401,756.00	
Substructure Area Or Space, Crawl Space	79	\$342,701.00	\$103,501.00	\$446,202.00	
Vehicle Storage Area; Garage, Carport	76	\$724,300.00	\$211,450.00	\$935,750.00	
Wall Surface: Exterior	143	\$1,749,676.00	\$284,001.00	\$2,033,677.00	

Multifamily Dwellings	Most Frequent Area Of Fire Origin - Non-Structure Fires				
	Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Courtyard, Patio, Porch, Terrace	37	\$2,100.00	\$510.00	\$2,610.00
	Egress/Exit, Other	3	\$0.00	\$0.00	\$0.00
	Engine Area, Running Gear, Wheel Area	7	\$2,500.00	\$0.00	\$2,500.00
	Exterior Balcony, Unenclosed Porch	6	\$900.00	\$0.00	\$900.00
	Exterior Stairway, Ramp, Or Fire Escape	6	\$501.00	\$0.00	\$501.00
	Exterior, Exposed Surface	3	\$0.00	\$0.00	\$0.00
	Highway, Parking Lot, Street: On Or Near	9	\$0.00	\$0.00	\$0.00
	Open Area - Outside; Included Are Farmland, Field	18	\$110.00	\$20.00	\$130.00
Other	7	\$0.00	\$0.00	\$0.00	
Outside Area, Other	57	\$5,001.00	\$1.00	\$5,002.00	
Vehicle Area, Other	3	\$0.00	\$6,000.00	\$6,000.00	
Wall Surface: Exterior	3	\$501,000.00	\$250,000.00	\$751,000.00	
Most Frequent Area Of Fire Origin - Structure Fires					
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss	
Bathroom, Checkroom, Lavatory, Locker Room	47	\$53,502.00	\$6,052.00	\$59,554.00	
Bedroom - < 5 Persons; Included Are Jail Or Prison	108	\$777,651.00	\$184,101.00	\$961,752.00	
Common Room, Den, Family Room, Living Room, Lounge	39	\$786,501.00	\$172,401.00	\$958,902.00	
Cooking Area, Kitchen	712	\$943,138.00	\$450,045.00	\$1,393,183.00	
Exterior Balcony, Unenclosed Porch	22	\$1,160,101.00	\$786,001.00	\$1,946,102.00	
Heating Room Or Area, Water Heater Area	27	\$40,000.00	\$1,700.00	\$41,700.00	
Laundry Area, Wash House (Laundry)	52	\$6,651.00	\$17,201.00	\$23,852.00	
Other	23	\$1,250,202.00	\$400,002.00	\$1,650,204.00	
Wall Assembly, Concealed Wall Space	27	\$632,000.00	\$205,000.00	\$837,000.00	
Wall Surface: Exterior	37	\$696,200.00	\$139,500.00	\$835,700.00	

FIRE INCIDENTS - AREA OF FIRE ORIGIN

Most Frequent Area Of Fire Origin - Assembly Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Cooking Area, Kitchen	66	\$521,502.00	\$174,702.00	\$696,204.00
Courtyard, Patio, Porch, Terrace	14	\$1.00	\$1.00	\$2.00
Egress/Exit, Other	8	\$25,001.00	\$10,001.00	\$35,002.00
Engine Area, Running Gear, Wheel Area	15	\$52,000.00	\$1,000.00	\$53,000.00
Heating Room Or Area, Water Heater Area	8	\$993,000.00	\$150,000.00	\$1,143,000.00
Highway, Parking Lot, Street: On Or Near	40	\$1,100.00	\$0.00	\$1,100.00
Open Area - Outside; Included Are Farmland, Field	41	\$1,575.00	\$1,020.00	\$2,595.00
Other	23	\$400.00	\$500.00	\$900.00
Outside Area, Other	66	\$1.00	\$1.00	\$2.00
Railroad Right Of Way: On Or Near	16	\$1.00	\$1.00	\$2.00

Most Frequent Area Of Fire Origin - Educational Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Assembly Area - Less Than 100 Persons	6	\$10,100.00	\$8,000.00	\$18,100.00
Bathroom, Checkroom, Lavatory, Locker Room	11	\$75,000.00	\$110.00	\$75,110.00
Cooking Area, Kitchen	14	\$500.00	\$1.00	\$501.00
Engine Area, Running Gear, Wheel Area	10	\$5,000.00	\$0.00	\$5,000.00
Heating Room Or Area, Water Heater Area	4	\$0.00	\$0.00	\$0.00
Highway, Parking Lot, Street: On Or Near	4	\$0.00	\$0.00	\$0.00
Office	5	\$0.00	\$0.00	\$0.00
Open Area - Outside; Included Are Farmland, Field	12	\$0.00	\$0.00	\$0.00
Other	6	\$500.00	\$0.00	\$500.00
Outside Area, Other	19	\$321.00	\$6.00	\$327.00
Roof Surface: Exterior	5	\$1,250.00	\$0.00	\$1,250.00

Most Frequent Area Of Fire Origin - Health Care, Detention And Correction Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Bedroom - < 5 Persons; Included Are Jail Or Prison	7	\$0.00	\$0.00	\$0.00
Cooking Area, Kitchen	38	\$10,102.00	\$504.00	\$10,606.00
Courtyard, Patio, Porch, Terrace	6	\$0.00	\$0.00	\$0.00
Engine Area, Running Gear, Wheel Area	10	\$33,550.00	\$1,500.00	\$35,050.00
Highway, Parking Lot, Street: On Or Near	9	\$500.00	\$0.00	\$500.00
Laundry Area, Wash House (Laundry)	7	\$0.00	\$1,000.00	\$1,000.00
Office	5	\$0.00	\$0.00	\$0.00
Open Area - Outside; Included Are Farmland, Field	8	\$0.00	\$0.00	\$0.00
Other	5	\$0.00	\$2,000.00	\$2,000.00
Outside Area, Other	29	\$0.00	\$0.00	\$0.00

Most Frequent Area Of Fire Origin - Industrial, Utility, Defense, Agriculture, Mining Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Conduit, Pipe, Utility, Or Ventilation Shaft	6	\$0.00	\$4,000.00	\$4,000.00
Engine Area, Running Gear, Wheel Area	3	\$1,000.00	\$0.00	\$1,000.00
Equipment Or Service Area, Other	8	\$2,000.00	\$1,000.00	\$3,000.00
Machinery Room Or Area; Elevator Machinery Room	3	\$2,000.00	\$0.00	\$2,000.00
Open Area - Outside; Included Are Farmland, Field	16	\$0.00	\$0.00	\$0.00
Other	4	\$0.00	\$0.00	\$0.00
Outside Area, Other	21	\$5,000.00	\$0.00	\$5,000.00
Roof Surface: Exterior	3	\$10,000.00	\$5,000.00	\$15,000.00
Switchgear Area, Transformer Vault	4	\$0.00	\$0.00	\$0.00
Wildland, Woods	55	\$2.00	\$2.00	\$4.00

FIRE INCIDENTS - AREA OF FIRE ORIGIN

Most Frequent Area Of Fire Origin - Manufacturing/Processing Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Engine Area, Running Gear, Wheel Area	6	\$1,000.00	\$2,000.00	\$3,000.00
Equipment Or Service Area, Other	6	\$5,000.00	\$3,200.00	\$8,200.00
Machinery Room Or Area; Elevator Machinery Room	8	\$0.00	\$0.00	\$0.00
Outside Area, Other	3	\$0.00	\$0.00	\$0.00
Processing/Manufacturing Area, Workroom	30	\$63,000.00	\$484,500.00	\$547,500.00
Roof Surface: Exterior	7	\$210,000.00	\$1,011,000.00	\$1,221,000.00
Shipping/Receiving Area; Loading Area, Dock Or Bay	3	\$0.00	\$0.00	\$0.00
Technical Processing Areas, Other	4	\$50,000.00	\$50,000.00	\$100,000.00

Most Frequent Area Of Fire Origin - Mercantile/Business Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Cooking Area, Kitchen	45	\$110,250.00	\$18,010.00	\$128,260.00
Engine Area, Running Gear, Wheel Area	87	\$69,002.00	\$4,102.00	\$73,104.00
Highway, Parking Lot, Street: On Or Near	101	\$2,900.00	\$320.00	\$3,220.00
Laundry Area, Wash House (Laundry)	60	\$55,850.00	\$44,775.00	\$100,625.00
Open Area - Outside; Included Are Farmland, Field	40	\$0.00	\$0.00	\$0.00
Other	47	\$30,000.00	\$10,000.00	\$40,000.00
Outside Area, Other	143	\$74,550.00	\$50,000.00	\$124,550.00
Roof Surface: Exterior	20	\$196,500.00	\$500.00	\$197,000.00
Vehicle Area, Other	20	\$30,000.00	\$25,001.00	\$55,001.00

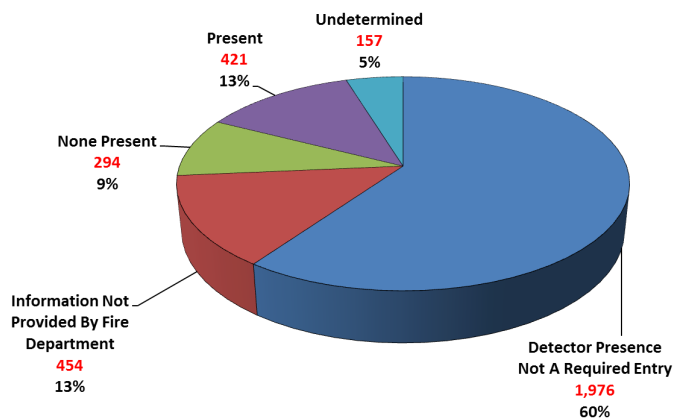
Most Frequent Area Of Fire Origin - Outside Or Special Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Courtyard, Patio, Porch, Terrace	115	\$3,102.00	\$252.00	\$3,354.00
Engine Area, Running Gear, Wheel Area	1,461	\$4,092,912.00	\$229,641.00	\$4,322,553.00
Highway, Parking Lot, Street: On Or Near	774	\$130,675.00	\$4,674.00	\$135,349.00
Open Area - Outside; Included Are Farmland, Field	508	\$14,493.00	\$4,172.00	\$18,665.00
Operator/Passenger Area Of Transportation Equipment	189	\$621,829.00	\$95,854.00	\$717,683.00
Other	227	\$122,008.00	\$50,008.00	\$172,016.00
Outside Area, Other	706	\$142,574.00	\$2,323.00	\$144,897.00
Railroad Right Of Way: On Or Near	101	\$506.00	\$6.00	\$512.00
Vehicle Area, Other	233	\$274,301.00	\$66,152.00	\$340,453.00
Wildland, Woods	285	\$501.00	\$1.00	\$502.00

Most Frequent Area Of Fire Origin - Storage Property Uses				
Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Engine Area, Running Gear, Wheel Area	32	\$324,501.00	\$297,101.00	\$621,602.00
Open Area - Outside; Included Are Farmland, Field	15	\$8,501.00	\$1,016,000.00	\$1,024,501.00
Operator/Passenger Area Of Transportation Equipment	11	\$92,001.00	\$4,001.00	\$96,002.00
Outside Area, Other	29	\$1,000.00	\$1,200.00	\$2,200.00
Shipping/Receiving Area; Loading Area, Dock Or Bay	10	\$213,100.00	\$0.00	\$213,100.00
Storage Area, Other	25	\$82,001.00	\$52,501.00	\$134,502.00
Storage: Supplies Or Tools; Dead Storage	21	\$15,700.00	\$12,250.00	\$27,950.00
Vehicle Area, Other	16	\$62,500.00	\$1,000.00	\$63,500.00
Vehicle Storage Area; Garage, Carport	49	\$122,000.00	\$46,400.00	\$168,400.00
Wall Surface: Exterior	10	\$13,100.00	\$400.00	\$13,500.00

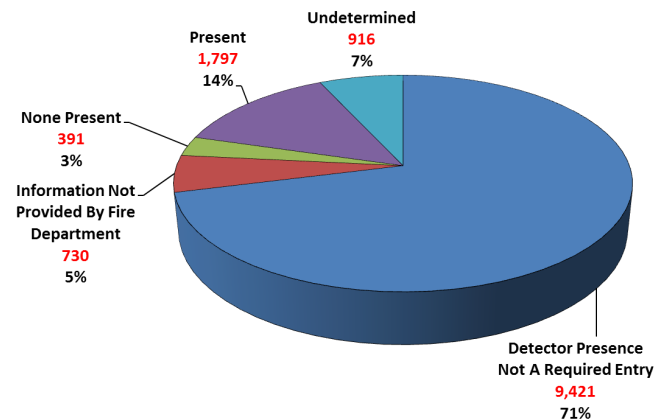
DETECTOR PRESENCE AND PERFORMANCE

Detector Presence By County	County	Detector Presence Not A Required Entry	Information Not Provided By Fire Department	None Present	Present	Undetermined	Total
	Atlantic	667	97	23	73	53	913
Bergen	1,895	108	45	174	50	2,272	
Burlington	910	38	20	102	53	1,123	
Camden	1,418	30	64	159	89	1,760	
Cape May	312	18	10	53	16	409	
Cumberland	435	18	25	62	37	577	
Essex	2,624	183	96	214	85	3,202	
Gloucester	553	45	16	72	21	707	
Hudson	2,258	60	51	186	111	2,666	
Hunterdon	252	21	9	26	16	324	
Mercer	1,419	26	45	154	34	1,678	
Middlesex	1,855	83	48	187	56	2,229	
Monmouth	1,359	118	32	148	57	1,714	
Morris	1,034	69	11	52	21	1,187	
Ocean	851	71	35	124	88	1,169	
Passaic	1,833	62	66	146	154	2,261	
Salem	161	8	5	13	13	200	
Somerset	384	29	12	28	16	469	
Sussex	266	18	8	33	14	339	
Union	1,595	63	62	195	67	1,982	
Warren	243	19	3	18	22	305	
Total	22,324	1,184	686	2,219	1,073	27,486	

Detector Presence In **Non-Residential** Structure Fires



Detector Presence In **Residential** Structure Fires

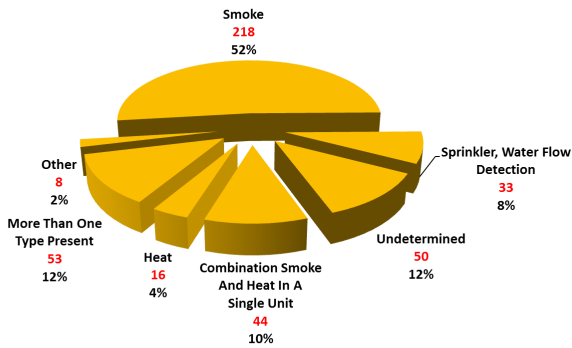


Detector Presence By Property Use Category	Property Use Category	Detector Presence Not A Required Entry	Information Not Provided By Fire Department	None Present	Present	Undetermined	Total
	Assembly	770	43	23	68	27	931
Educational	317	21	3	41	4	386	
Health Care, Detention, And Correction	439	27	1	55	3	525	
Industrial, Utility, Defense, Agriculture, Mining	172	16	5	12	4	209	
Information Not Provided By Fire Department	2			1	1	4	
Manufacturing, Processing	62	22	18	32	20	154	
Mercantile, Business	1,215	103	66	162	71	1,617	
None	138	12	4	2		156	
Outside Or Special Property	7,370	130	35	9	5	7,549	
Residential	11,396	730	391	1,797	916	15,230	
Storage	252	46	134	31	18	481	
Undetermined	191	34	6	9	4	244	
Total	22,324	1,184	686	2,219	1,073	27,486	

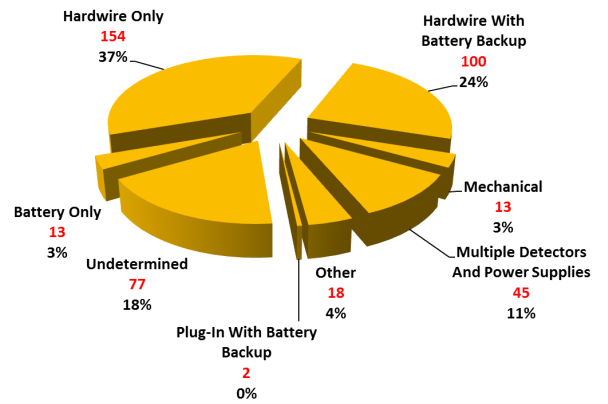
DETECTOR PRESENCE AND PERFORMANCE

Non-Residential Property Uses				
Detector Presence	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Detector Presence Not A Required Entry	10,928	\$12,566,002.00	\$2,160,808.00	\$14,726,810.00
Information Not Provided By Fire Department	454	\$725,503.00	\$157,053.00	\$882,556.00
None Present	295	\$4,061,606.00	\$3,574,976.00	\$7,636,582.00
Present	422	\$17,165,353.00	\$7,721,678.00	\$24,887,031.00
Undetermined	157	\$4,758,202.00	\$6,151,442.00	\$10,909,644.00
Total	12,256	\$39,276,666.00	\$19,765,957.00	\$59,042,623.00

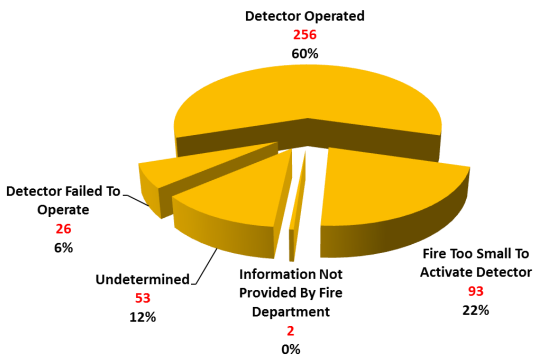
Detector Type In Non-Residential Property Uses When Detectors Are Present



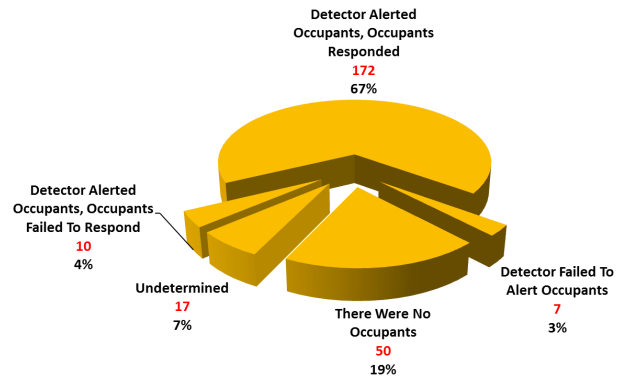
Detector Power Supply In Non-Residential Property Uses



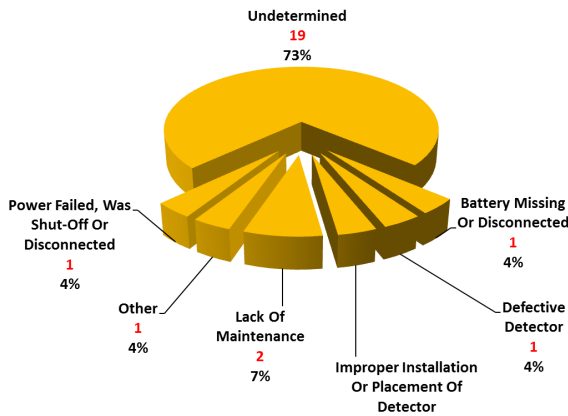
Detector Operation In Non-Residential Property Uses



Detector Effectiveness In Non-Residential Property Uses



Detector Failure Reason In Non-Residential Property Uses

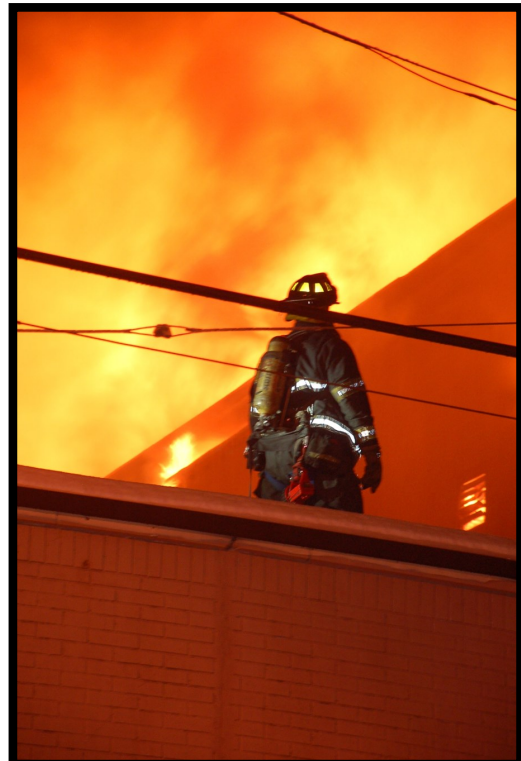


DETECTOR PRESENCE AND PERFORMANCE

Residential Property Uses				
Detector Presence	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Detector Presence Not A Required Entry	11,396	\$1,098,840.00	\$494,079.00	\$1,592,919.00
Information Not Provided By Fire Department	730	\$1,628,245.00	\$568,544.00	\$2,196,789.00
None Present	391	\$3,859,599.00	\$930,765.00	\$4,790,364.00
Present	1,797	\$21,759,696.00	\$7,430,506.00	\$29,190,202.00
Undetermined	916	\$28,193,899.00	\$7,678,654.00	\$35,872,553.00
Total	15,230	\$56,540,279.00	\$17,102,548.00	\$73,642,827.00



Picture courtesy of Bill Tompkins:
Paterson, New Jersey; February 5, 2014



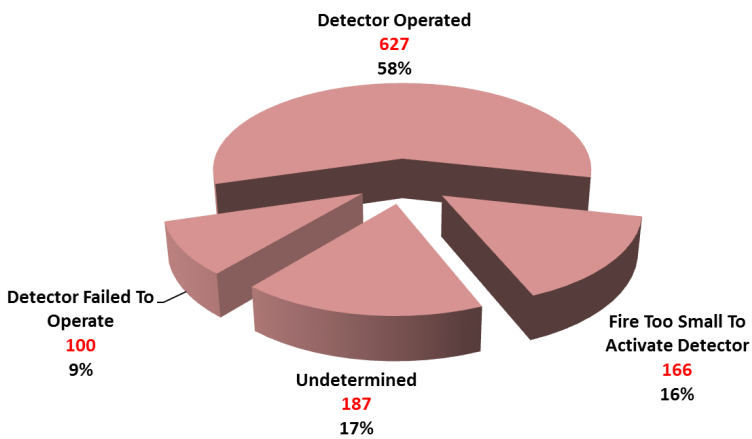
Picture courtesy of Bill Tompkins:
Paterson, New Jersey; February 5, 2014

Detector Presence In Residential Property Uses By Specific Property Use						
Specific Property Use	Detector Presence Not A Required Entry	Information Not Provided By Fire Department	None Present	Present	Undetermined	Total
1 Or 2 Family Dwelling	5,762	472	307	1,080	713	8,334
Barracks, Dormitory	46	2		5		53
Boarding/Rooming House, Residential Hotels	144	9		17	4	174
Dormitory-Type Residence, Other	222	4		6		232
Hotel/Motel, Commercial	201	7		21	1	230
Multifamily Dwelling	4,500	160	72	614	175	5,521
Residential Board And Care	119	3	1	10		133
Residential, Other	390	73	11	43	23	540
Sorority House, Fraternity House	12			1		13
Total	11,396	730	391	1,797	916	15,230

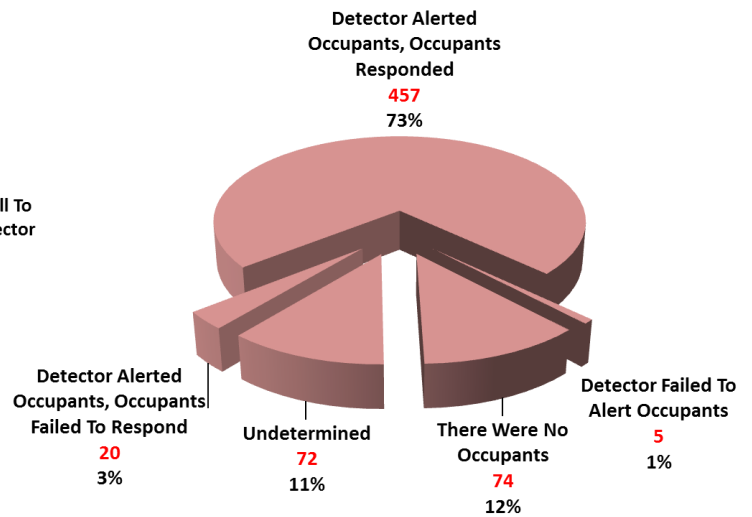
DETECTOR PRESENCE AND PERFORMANCE

1 Or 2 Family Dwellings				
Detector Presence	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Detector Presence Not A Required Entry	5,762	\$480,423.00	\$165,721.00	\$646,144.00
Information Not Provided By Fire Department	472	\$531,653.00	\$244,881.00	\$776,534.00
None Present	307	\$3,122,573.00	\$761,064.00	\$3,883,637.00
Present	1,080	\$14,772,957.00	\$4,657,056.00	\$19,430,013.00
Undetermined	713	\$18,351,084.00	\$4,476,339.00	\$22,827,423.00
Total	8,334	\$37,258,690.00	\$10,305,061.00	\$47,563,751.00

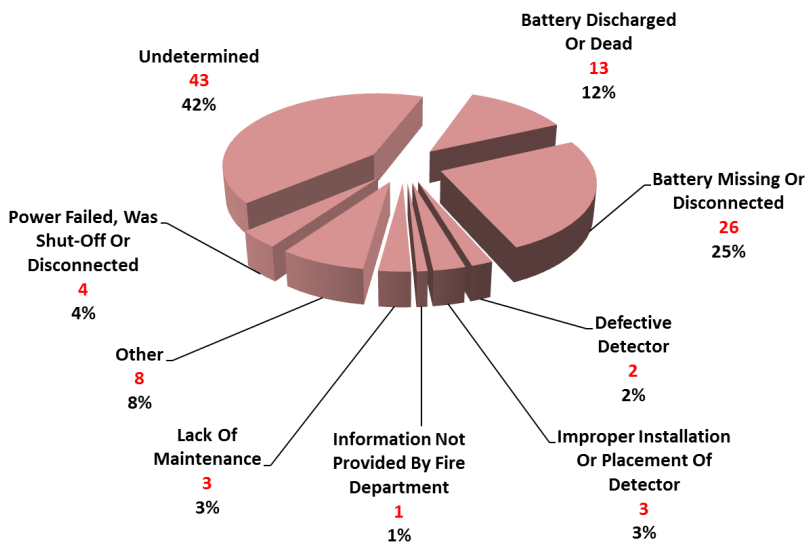
Detector Operation In 1 Or 2 Family Dwellings When Detectors Are Present



Detector Effectiveness In 1 Or 2 Family Dwellings



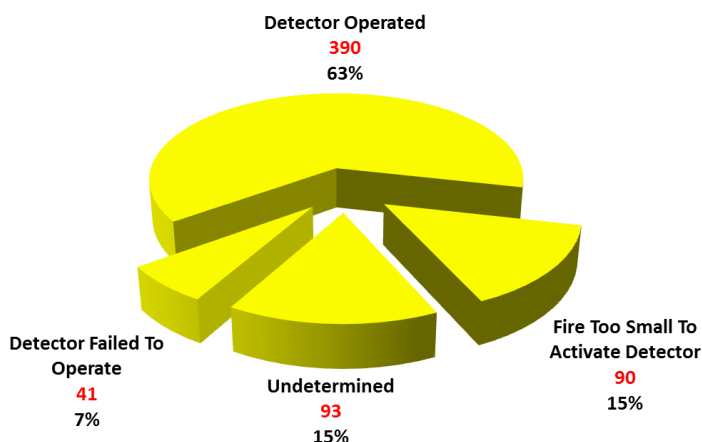
Detector Failure Reason In 1 Or 2 Family Dwellings



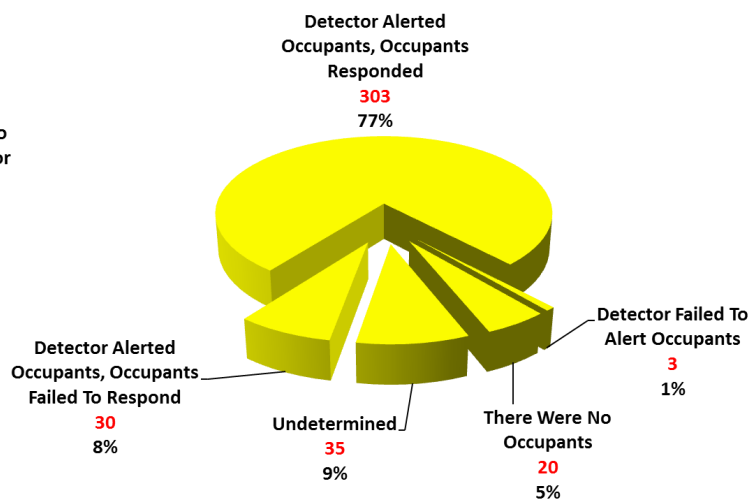
DETECTOR PRESENCE AND PERFORMANCE

Multifamily Dwellings				
Detector Presence	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Detector Presence Not A Required Entry	4,500	\$546,298.00	\$312,692.00	\$858,990.00
Information Not Provided By Fire Department	160	\$1,012,740.00	\$315,360.00	\$1,328,100.00
None Present	72	\$710,026.00	\$164,701.00	\$874,727.00
Present	614	\$6,687,209.00	\$2,721,618.00	\$9,408,827.00
Undetermined	175	\$8,116,814.00	\$2,774,315.00	\$10,891,129.00
Total	5,521	\$17,073,087.00	\$6,288,686.00	\$23,361,773.00

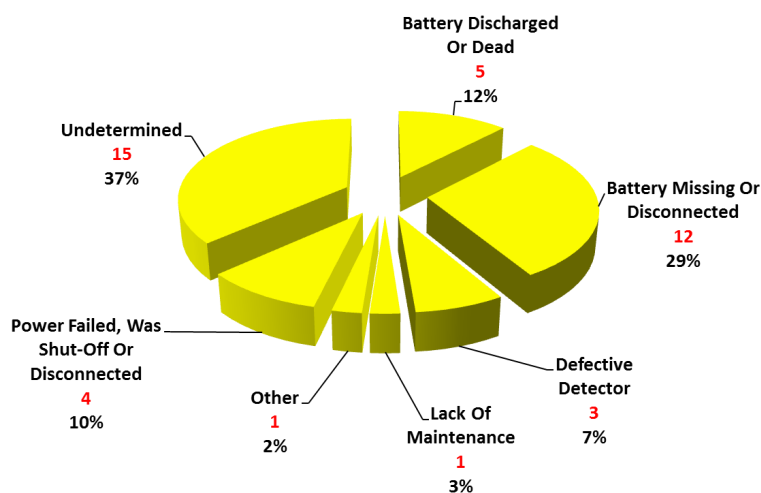
Detector Operation In Multifamily Dwellings When Detectors Are Present



Detector Effectiveness In Multifamily Dwellings



Detector Failure Reason In Multifamily Dwellings



AUTOMATIC EXTINGUISHMENT SYSTEM PRESENCE AND PERFORMANCE

Automatic Extinguishment System Presence By County - Structure Fires							
County	AES Presence Not A Required Entry	Information Not Provided By Fire Department	None Present	Partial System Present	Present	Undetermined	Total
Atlantic	310	96	124		15	11	556
Bergen	1,131	110	216	1	36	14	1,508
Burlington	259	40	139	2	13	19	472
Camden	536	33	258	4	27	20	878
Cape May	146	18	59	1	10	9	243
Cumberland	134	18	97	1	13	13	276
Essex	1,568	189	331	2	31	24	2,145
Gloucester	133	45	77	1	15	16	287
Hudson	1,637	61	244	3	44	56	2,045
Hunterdon	80	21	42		1	8	152
Mercer	905	26	199	1	27	6	1,164
Middlesex	757	84	243	1	40	6	1,131
Monmouth	564	121	166	2	40	26	919
Morris	479	69	68		9	7	632
Ocean	355	71	197	1	16	33	673
Passaic	1,218	64	275		39	50	1,646
Salem	64	8	25		2	4	103
Somerset	111	29	45		7	4	196
Sussex	92	18	49		2	4	165
Union	813	63	267	2	37	17	1,199
Warren	105	19	41		1	1	167
Total	11,397	1,203	3,162	22	425	348	16,557

Automatic Extinguishment System Presence By Property Use Category								
Property Use Category	AES Presence Not A Required Entry	Information Not Provided By Fire Department	None Present	Partial System Present	Present	Undetermined	Total	
Assembly	429	43	50	2	48	18	590	
Educational	216	21	27	6	11	4	285	
Health Care, Detention, And Correction	338	27	14	1	41	3	424	
Industrial, Utility, Defense, Agriculture, Mining	20	17	11		5	4	57	
Information Not Provided By Fire Department	1		1			1	3	
Manufacturing, Processing	28	22	11		50	9	120	
Mercantile, Business	467	101	175	2	76	48	869	
None	15	12	4		2		33	
Outside Or Special Property	344	131	40		4	3	522	
Residential	9,421	749	2,667	11	156	251	13,255	
Storage	55	46	149		27	6	283	
Undetermined	63	34	13		5	1	116	
Total	11,397	1,203	3,162	22	425	348	16,557	

Type Of Automatic Extinguishment System When Present By Property Use											
Property Use Category	Carbon Dioxide System	Dry Chemical System	Dry-Pipe Sprinkler System	Foam System	Halogen Type System	Information Not Provided By Fire Department	Other	Other Sprinkler System, Includes Deluge And Pre-Action	Undetermined	Wet-Pipe Sprinkler System	Total
Assembly		5	1	1	2	7	2	1	5	26	50
Educational		1				5				11	17
Health Care, Detention, And Correction			3			4	1	1	2	31	42
Industrial, Utility, Defense, Agriculture, Mining								1		4	5
Manufacturing, Processing	7		3			7			1	32	50
Mercantile, Business	1	4	4	1		15	1	1	4	47	78
None										2	2
Outside Or Special Property								1		3	4
Residential		1	7			34	18	1	5	101	167
Storage		1	2			7	3	2	1	11	27
Undetermined							3			2	5
Total	8	12	20	2	2	79	28	8	18	270	447

AUTOMATIC EXTINGUISHMENT SYSTEM PRESENCE AND PERFORMANCE

Non-Residential	Automatic Extinguishment System Operation	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
	Fire Too Small To Activate The System	93	\$64,360,001.00	\$204,801.00	\$12,288,151.00	\$106,351.00	\$76,337,000.00
	Information Not Provided By Fire Department	73	\$73,635,200.00	\$297,400.00	\$3,108,050.00	\$138,070.00	\$76,307,780.00
	Other	7	\$400,000.00	\$3,500.00	\$0.00	\$0.00	\$396,500.00
	System Did Not Operate	22	\$1,400,000.00	\$1,567,000.00	\$185,000.00	\$1,068,200.00	Unknown
	System Operated And Was Effective	71	\$47,000,000.00	\$363,503.00	\$11,850,000.00	\$866,103.00	\$57,620,394.00
	System Operated And Was Not Effective	5	\$384,300.00	\$556,000.00	\$0.00	\$1,552,000.00	Unknown
	Undetermined	10	\$2,500,000.00	\$625,001.00	\$250,000.00	\$125,001.00	\$1,999,998.00
	Total	281	\$189,679,501.00	\$3,617,205.00	\$27,681,201.00	\$3,855,725.00	\$209,887,772.00
	Automatic Extinguishment System Failure Reason	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
	Fire Not In Area Protected By The System	11	\$700,000.00	\$780,000.00	\$35,000.00	\$786,200.00	Unknown
	Information Not Provided By Fire Department	5	\$0.00	\$551,000.00	\$0.00	\$1,552,000.00	Unknown
	Not Enough Agent Discharged To Control The Fire	1	\$384,300.00	\$5,000.00	\$0.00	\$0.00	\$379,300.00
	System Components Damaged	2	\$0.00	\$50,000.00	\$0.00	\$100,000.00	Unknown
	System Shut Off	2	\$0.00	\$10,000.00	\$0.00	\$10,000.00	Unknown
Undetermined	6	\$700,000.00	\$727,000.00	\$150,000.00	\$172,000.00	Unknown	
Total	27	\$1,784,300.00	\$2,123,000.00	\$185,000.00	\$2,620,200.00	Unknown	

Non-Residential	Number Of Sprinkler Heads Activated	Frequency Of Occurrence	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
	1	46	\$47,000,000.00	\$215,502.00	\$11,850,000.00	\$546,002.00	\$58,088,496.00
	2	17	\$384,300.00	\$13,001.00	\$0.00	\$76,101.00	\$295,198.00
	3	7	\$0.00	\$190,000.00	\$0.00	\$95,000.00	Unknown
	4	3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	6	1	\$0.00	\$0.00	\$0.00	\$200,000.00	Unknown
	7	2	\$0.00	\$1,000.00	\$0.00	\$1,000.00	Unknown
	20	1	\$0.00	\$500,000.00	\$0.00	\$1,500,000.00	Unknown
	30	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total	78	\$47,384,300.00	\$919,503.00	\$11,850,000.00	\$2,418,103.00	\$55,896,694.00



Picture courtesy of Bill Tompkins:
Clifton, New Jersey; May 31, 2014

AUTOMATIC EXTINGUISHMENT SYSTEM PRESENCE AND PERFORMANCE

Residential	Automatic Extinguishment System Operation	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved	
	Fire Too Small To Activate The System	43	\$11,250,000.00	\$17,026.00	\$410,600.00	\$4,826.00	\$11,638,748.00	
	Information Not Provided By Fire Department	49	\$4,025,000.00	\$50,920.00	\$841,032.00	\$40,554.00	\$4,774,558.00	
	Other	17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	System Did Not Operate	10	\$200,000.00	\$10,000.00	\$10,100.00	\$130.00	\$199,970.00	
	System Operated And Was Effective	41	\$37,318,125.00	\$252,000.00	\$4,316,875.00	\$101,600.00	\$41,281,400.00	
	System Operated And Was Not Effective	4	\$2,000,000.00	\$1,000,000.00	\$750,000.00	\$750,000.00	\$1,000,000.00	
	Undetermined	3	\$500,000.00	\$1,000.00	\$0.00	\$0.00	\$499,000.00	
	Total	167	\$55,293,125.00	\$1,330,946.00	\$6,328,607.00	\$897,110.00	\$59,393,676.00	
	<hr/>							
	Automatic Extinguishment System Failure Reason	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved	
	Fire Not In Area Protected By The System	6	\$2,000,000.00	\$1,000,000.00	\$750,100.00	\$750,100.00	\$1,000,000.00	
	Information Not Provided By Fire Department	4	\$200,000.00	\$0.00	\$10,000.00	\$30.00	\$209,970.00	
	Other	1	\$0.00	\$10,000.00	\$0.00	\$0.00	Unknown	
System Shut Off	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Undetermined	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Total	14	\$2,200,000.00	\$1,010,000.00	\$760,100.00	\$750,130.00	\$1,199,970.00		

Residential	Number Of Sprinkler Head Activated	Frequency Of Occurrence	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
	1	34	\$35,647,500.00	\$1,221,000.00	\$4,566,875.00	\$838,100.00	\$38,155,275.00
	2	5	\$3,670,625.00	\$30,000.00	\$500,000.00	\$12,500.00	\$4,128,125.00
	3	2	\$0.00	\$1,000.00	\$0.00	\$1,000.00	Unknown
	6	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	15	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	16	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	25	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total	45	\$39,318,125.00	\$1,252,000.00	\$5,066,875.00	\$851,600.00	\$42,281,400.00



Picture courtesy of Chris Tompkins:
Little Falls, New Jersey; April 17, 2014

AUTOMATIC EXTINGUISHMENT SYSTEM PRESENCE AND PERFORMANCE

1 Or 2 Family Dwellings	Structure Fires	Automatic Extinguishment System Presence	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
		AES Presence Not A Required Entry	4,278	\$14,662,085.00	\$160,913.00	\$2,388,322.00	\$146,419.00	\$16,743,075.00
		Information Not Provided By Fire Department	486	\$693,346.00	\$436,853.00	\$234,000.00	\$196,231.00	\$294,262.00
		None Present	1,908	\$175,754,157.00	\$34,280,392.00	\$9,766,523.00	\$9,408,437.00	\$141,831,851.00
		Partial System Present	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Present	18	\$200,000.00	\$15,420.00	\$600.00	\$30,220.00	\$154,960.00
		Undetermined	159	\$2,571,201.00	\$2,045,602.00	\$1,045,001.00	\$504,452.00	\$1,066,148.00
		Total	6,850	\$193,880,789.00	\$36,939,180.00	\$13,434,446.00	\$10,285,759.00	\$160,090,296.00
		Automatic Extinguishment System Operation	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
		Fire Too Small To Activate The System	5	\$0.00	\$0.00	\$600.00	\$200.00	\$400.00
	Information Not Provided By Fire Department	10	\$200,000.00	\$15,420.00	\$0.00	\$30,020.00	\$154,560.00	
	Other	4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	Total	19	\$200,000.00	\$15,420.00	\$600.00	\$30,220.00	\$154,960.00	

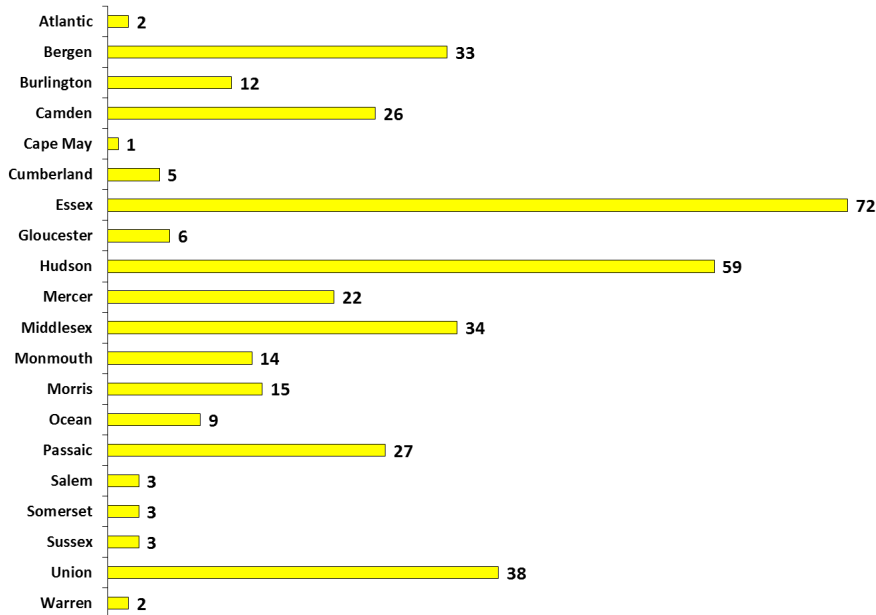


Picture courtesy of Ron Jeffers:
Union City, New Jersey; January 23, 2014

Multifamily Dwellings	Structure Fires	Automatic Extinguishment System Presence	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
		AES Presence Not A Required Entry	4,176	\$17,266,854.00	\$32,886.00	\$3,189,002.00	\$55,961.00	\$20,367,009.00
		Information Not Provided By Fire Department	165	\$350,700.00	\$1,014,840.00	\$20,500.00	\$315,360.00	Unknown
		None Present	672	\$26,199,517.00	\$10,292,922.00	\$5,355,892.00	\$3,272,563.00	\$17,989,924.00
		Partial System Present	9	\$2,000,000.00	\$1,000,000.00	\$750,000.00	\$750,000.00	\$1,000,000.00
		Present	100	\$37,093,125.00	\$275,526.00	\$4,517,887.00	\$103,670.00	\$41,231,816.00
		Undetermined	75	\$7,522,001.00	\$3,943,501.00	\$702,501.00	\$1,534,401.00	\$2,746,600.00
		Total	5,197	\$90,432,197.00	\$16,559,675.00	\$14,535,782.00	\$6,031,955.00	\$82,376,349.00
		Automatic Extinguishment System Operation	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved
		Fire Too Small To Activate The System	30	\$1,250,000.00	\$11,026.00	\$400,000.00	\$2,526.00	\$1,636,448.00
		Information Not Provided By Fire Department	32	\$325,000.00	\$27,500.00	\$41,012.00	\$6,514.00	\$331,998.00
		System Did Not Operate	8	\$200,000.00	\$10,000.00	\$10,000.00	\$30.00	\$199,970.00
	System Operated And Was Effective	33	\$35,318,125.00	\$227,000.00	\$4,066,875.00	\$94,600.00	\$39,063,400.00	
	System Operated And Was Not Effective	4	\$2,000,000.00	\$1,000,000.00	\$750,000.00	\$750,000.00	\$1,000,000.00	
	Undetermined	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	Total	109	\$39,093,125.00	\$1,275,526.00	\$5,267,887.00	\$853,670.00	\$42,231,816.00	
	Automatic Extinguishment System Failure Reason	Incidents	Property Value	Property Loss	Contents Value	Contents Loss	Total Saved	
	Fire Not In Area Protected By The System	4	\$2,000,000.00	\$1,000,000.00	\$750,000.00	\$750,000.00	\$1,000,000.00	
	Information Not Provided By Fire Department	4	\$200,000.00	\$0.00	\$10,000.00	\$30.00	\$209,970.00	
	Other	1	\$0.00	\$10,000.00	\$0.00	\$0.00	Unknown	
	System Shut Off	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	Undetermined	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	Total	12	\$2,200,000.00	\$1,010,000.00	\$760,000.00	\$750,030.00	\$1,199,970.00	

SCHOOL FIRES

School Fires By County



Picture courtesy of Bill Tompkins:
Edison, New Jersey; March 22, 2014

School Fires By Specific Property Use

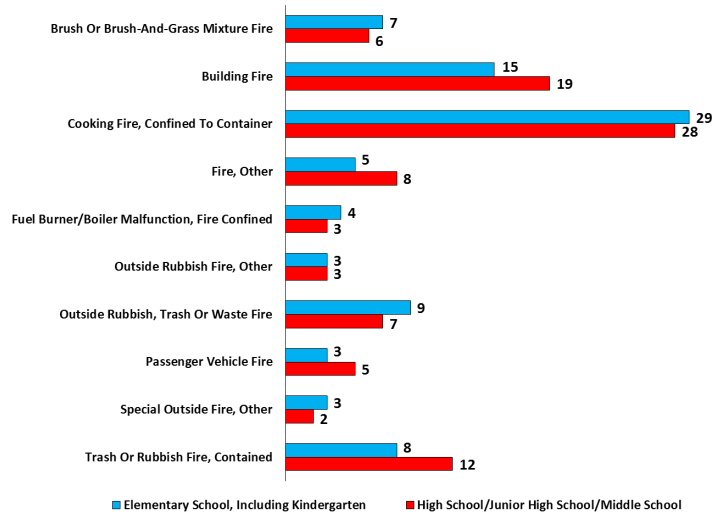
Property Use	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Adult Education Center, College Classroom	54	\$10,001.00	\$6,002.00	\$16,003.00
Day Care In Residence, Unlicensed	1	\$0.00	\$0.00	\$0.00
Day Care, In Commercial Property	35	\$75,050.00	\$80.00	\$75,130.00
Day Care, In Residence, Licensed	8	\$0.00	\$0.00	\$0.00
Educational, Other	33	\$100,000.00	\$80,000.00	\$180,000.00
Elementary School, Including Kindergarten	105	\$27,572.00	\$20,137.00	\$47,709.00
High School/Junior High School/Middle School	108	\$12,700.00	\$10,501.00	\$23,201.00
Preschool	32	\$100.00	\$1,000.00	\$1,100.00
Schools, Non-Adult, Other	10	\$500.00	\$0.00	\$500.00
Total	386	\$225,923.00	\$117,720.00	\$343,643.00



Picture courtesy of Bill Tompkins:
Edison, New Jersey; March 22, 2014

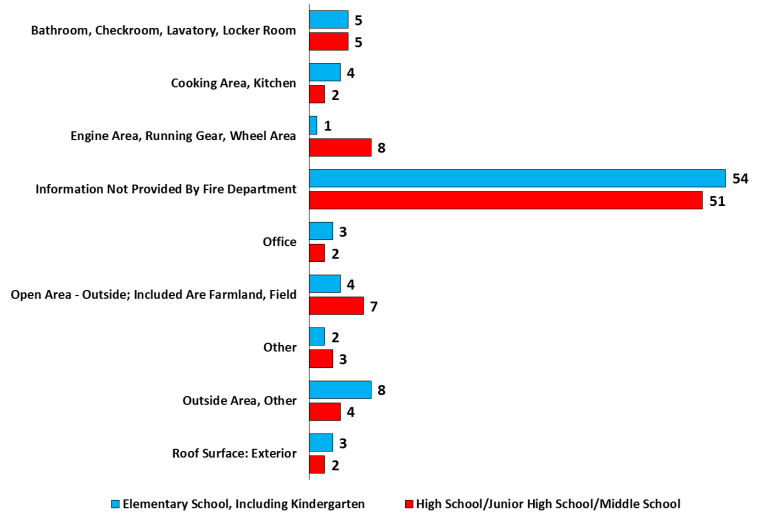
SCHOOL FIRES

Most Frequent School Fires By Incident Type

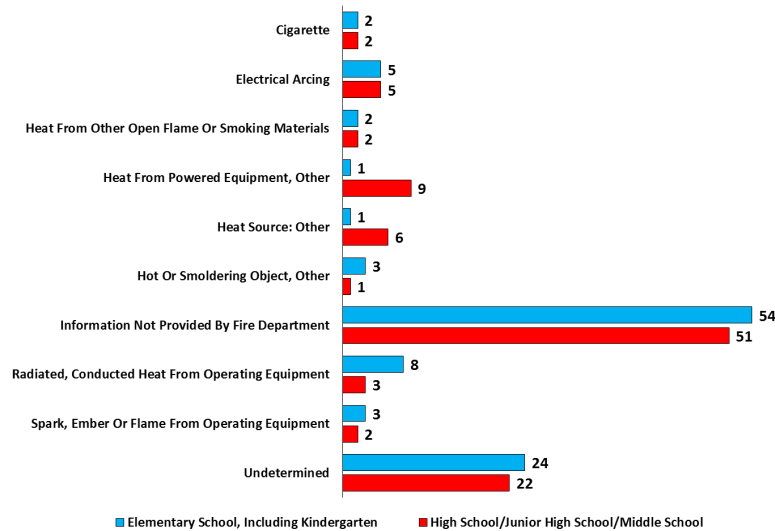


Picture courtesy of Bill Tompkins:
Edison, New Jersey; March 22, 2014

Most Frequent Area Of Fire Origin

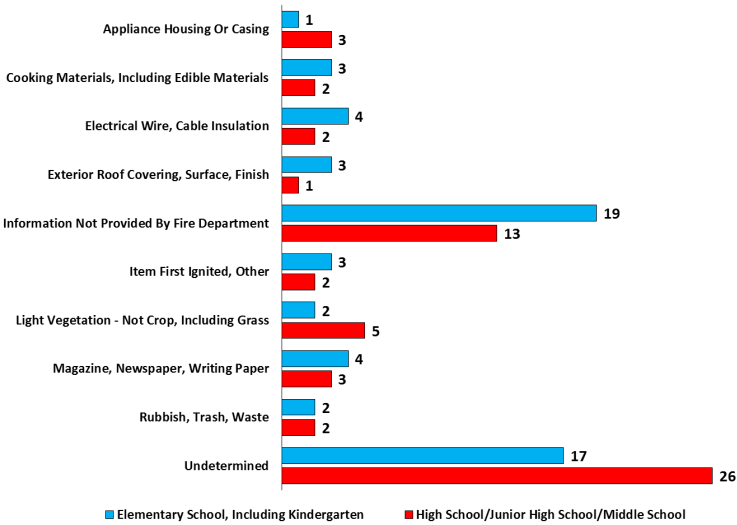


Most Frequent Heat Source Of School Fires

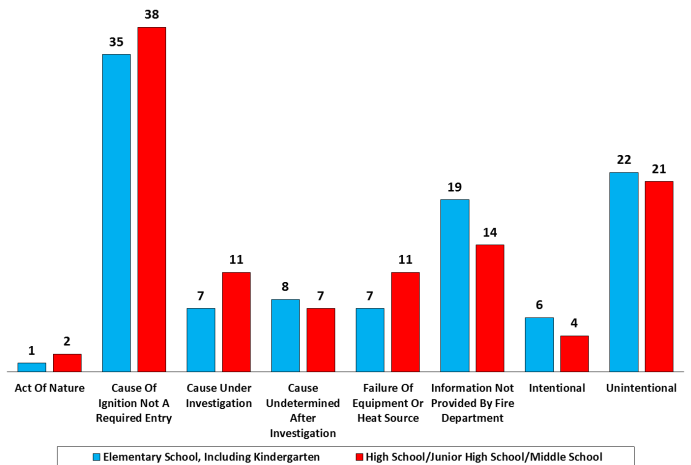


SCHOOL FIRES

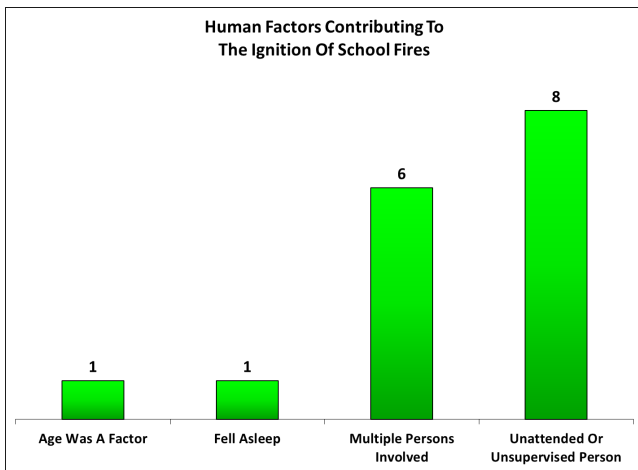
Most Frequent Item First Ignited



Cause Of Ignition



Human Factors Contributing To The Ignition Of School Fires



Data Collected From The NFIRS System As Submitted By Fire Departments

Age As Factor Contributing To Ignition

Age	Male	Total
17	1	1

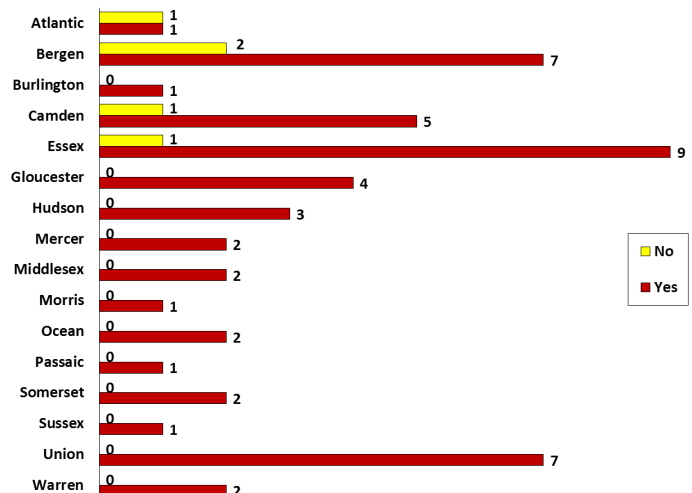
DATA COLLECTED FROM "SCHOOL FIRE REPORT FORMS" SUBMITTED TO THE DIVISION OF FIRE SAFETY FROM FIRE OFFICIALS, FIRE MARSHALS, AND FIRE CHIEFS

NUMBER OF JUVENILES INVOLVED BY GENDER

AGE	MALE	FEMALE	UNKNOWN	TOTAL
10	1			1
11	1			1
12	3			3
13	3			3
14	1	1		2
15	1			1
16	4			4
17	1			1
Unknown			7	7
TOTAL	15	1	7	23

County	Reported Incidents	Property Loss	Contents Loss
Atlantic	2	\$0.00	\$0.00
Bergen	33	\$500.00	\$1.00
Burlington	12	\$83,300.00	\$4,580.00
Camden	26	\$200.00	\$30.00
Cape May	1	\$0.00	\$0.00
Cumberland	5	\$0.00	\$0.00
Essex	72	\$25,050.00	\$25,000.00
Gloucester	6	\$0.00	\$0.00
Hudson	59	\$21.00	\$6.00
Mercer	22	\$100.00	\$1,000.00
Middlesex	34	\$5,502.00	\$3.00
Monmouth	14	\$0.00	\$0.00
Morris	15	\$0.00	\$0.00
Ocean	9	\$0.00	\$0.00
Passaic	27	\$11,250.00	\$6,100.00
Salem	3	\$0.00	\$1,000.00
Somerset	3	\$0.00	\$0.00
Sussex	3	\$0.00	\$0.00
Union	38	\$100,000.00	\$80,000.00
Warren	2	\$0.00	\$0.00
Total	386	\$225,923.00	\$117,720.00

Fire Department Notified Of School Fire By County



SCHOOL FIRES

Detector Presence	Educational Property Use	Detector	Information Not	None			Total
		Presence Not A Required Entry	Provided By Fire Department	Present	Present	Undetermined	
	Adult Education Center, College Classroom	49	1		3	1	54
	Day Care In Residence, Unlicensed			1			1
	Day Care, In Commercial Property	33			1	1	35
	Day Care, In Residence, Licensed	8					8
	Educational, Other	29	2		1	1	33
	Elementary School, Including Kindergarten	82	6	2	15		105
	High School/Junior High School/Middle School	79	12		16	1	108
	Preschool	29			3		32
	Schools, Non-Adult, Other	8			2		10
	Total	317	21	3	41	4	386

Detector Operation	Educational Property Use	Detector	Detector	Fire Too Small To		Total
		Failed To Operate	Operated	Activate Detector	Undetermined	
	Adult Education Center, College Classroom		2	1		3
	Day Care, In Commercial Property		1			1
	Educational, Other		1			1
	Elementary School, Including Kindergarten		8	6	1	15
	High School/Junior High School/Middle School	2	11	2	1	16
	Preschool		3			3
	Schools, Non-Adult, Other		2			2
	Total	2	28	9	2	41

Detector Effectiveness	Educational Property Use	Detector Alerted	Detector Failed	There Were No		Total
		Occupants, Occupants Responded	To Alert Occupants	Occupants	Undetermined	
	Adult Education Center, College Classroom			2		2
	Day Care, In Commercial Property	1				1
	Educational, Other			1		1
	Elementary School, Including Kindergarten	5	1	1	1	8
	High School/Junior High School/Middle School	10			1	11
	Preschool	2		1		3
	Schools, Non-Adult, Other	2				2
	Total	20	1	5	2	28

Automatic Extinguishment System Presence	Educational Property Use	AES Presence	Information Not	None	Partial		Total
		Not A Required Entry	Provided By Fire Department	Present	System Present	Present	
	Adult Education Center, College Classroom	49	1			2	54
	Day Care In Residence, Unlicensed			1			1
	Day Care, In Commercial Property	33		1		1	35
	Day Care, In Residence, Licensed	8					8
	Educational, Other	29	2	1		1	33
	Elementary School, Including Kindergarten	82	6	14		2	105
	High School/Junior High School/Middle School	79	12	7	5	4	108
	Preschool	29		2		1	32
	Schools, Non-Adult, Other	8		1	1		10
	Total	317	21	27	6	11	386

Automatic Extinguishment System Operation	Educational Property Use	Fire Too Small	Information Not	System Did	System	Total
		To Activate The System	Provided By Fire Department	System Did Not Operate	Operated And Was Effective	
	Adult Education Center, College Classroom		1		1	2
	Day Care, In Commercial Property		1			1
	Educational, Other		1			1
	Elementary School, Including Kindergarten	1	1			2
	High School/Junior High School/Middle School	4	3	2		9
	Preschool				1	1
	Schools, Non-Adult, Other	1				1
	Total	6	7	2	2	17

OTHER PROPERTY USE FIRES

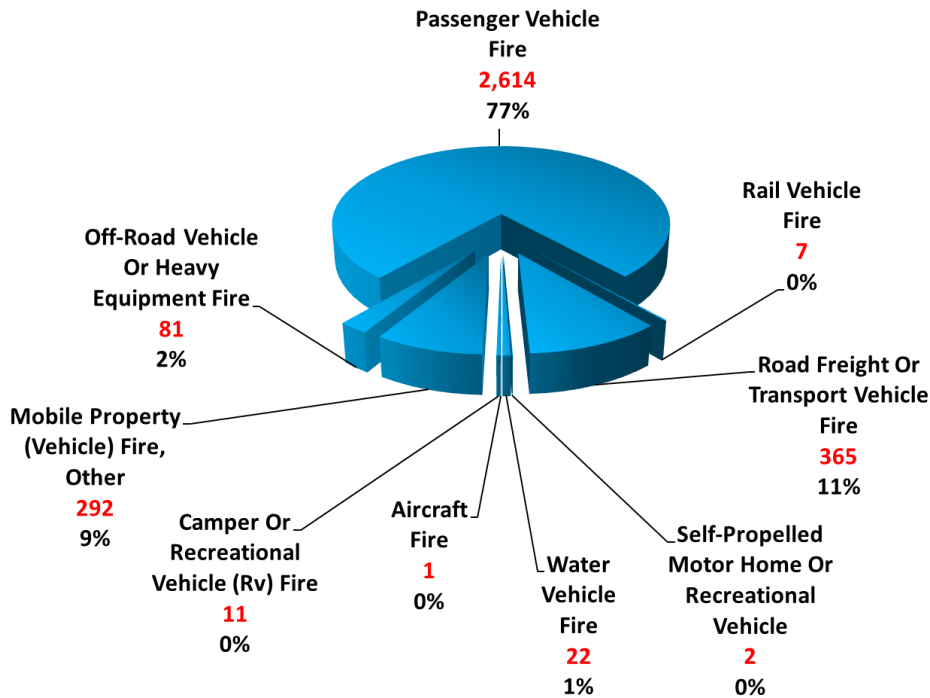
Most Frequent Nursing Home Fire Incident Types				
Incident Type	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Brush Or Brush-And-Grass Mixture Fire	7	\$0.00	\$0.00	\$0.00
Building Fire	22	\$6,000.00	\$9,500.00	\$15,500.00
Cooking Fire, Confined To Container	151	\$2.00	\$774.00	\$776.00
Fire, Other	9	\$0.00	\$0.00	\$0.00
Fuel Burner/Boiler Malfunction, Fire Confined	3	\$1,000.00	\$500.00	\$1,500.00
Mulch Fire	4	\$200.00	\$0.00	\$200.00
Passenger Vehicle Fire	3	\$5,000.00	\$0.00	\$5,000.00
Trash Or Rubbish Fire, Contained	2	\$0.00	\$0.00	\$0.00

Most Frequent Restaurant Fire Incident Types				
Incident Type	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Brush Or Brush-And-Grass Mixture Fire	14	\$0.00	\$0.00	\$0.00
Building Fire	53	\$1,596,402.00	\$392,002.00	\$1,988,404.00
Chimney Or Flue Fire, Confined To Chimney Or Flue	9	\$8,500.00	\$10,000.00	\$18,500.00
Cooking Fire, Confined To Container	142	\$5,000.00	\$300.00	\$5,300.00
Dumpster Or Other Outside Trash Receptacle Fire	5	\$1,000.00	\$0.00	\$1,000.00
Fire, Other	7	\$1,500.00	\$500.00	\$2,000.00
Fuel Burner/Boiler Malfunction, Fire Confined	6	\$0.00	\$0.00	\$0.00
Mulch Fire	18	\$0.00	\$0.00	\$0.00
Outside Rubbish, Trash Or Waste Fire	6	\$0.00	\$0.00	\$0.00
Passenger Vehicle Fire	7	\$0.00	\$0.00	\$0.00

Most Frequent Food And Beverage Sales/Grocery Store Fire Incident Types				
Incident Type	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Brush Or Brush-And-Grass Mixture Fire	42	\$0.00	\$0.00	\$0.00
Building Fire	60	\$1,128,450.00	\$403,220.00	\$1,531,670.00
Chimney Or Flue Fire, Confined To Chimney Or Flue	6	\$1,000.00	\$1,000.00	\$2,000.00
Cooking Fire, Confined To Container	106	\$5,000.00	\$9,000.00	\$14,000.00
Dumpster Or Other Outside Trash Receptacle Fire	6	\$0.00	\$0.00	\$0.00
Fire, Other	11	\$0.00	\$0.00	\$0.00
Mulch Fire	29	\$1,050.00	\$0.00	\$1,050.00
Outside Rubbish Fire, Other	6	\$1,050.00	\$0.00	\$1,050.00
Outside Rubbish, Trash Or Waste Fire	15	\$1,100.00	\$0.00	\$1,100.00
Passenger Vehicle Fire	20	\$35,000.00	\$1,000.00	\$36,000.00
Trash Or Rubbish Fire, Contained	14	\$0.00	\$0.00	\$0.00

Most Frequent Business Office Fire Incident Types				
Incident Types	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Brush Or Brush-And-Grass Mixture Fire	30	\$0.00	\$0.00	\$0.00
Building Fire	37	\$4,094,202.00	\$3,415,522.00	\$7,509,724.00
Cooking Fire, Confined To Container	68	\$200.00	\$6.00	\$206.00
Fuel Burner/Boiler Malfunction, Fire Confined	11	\$0.00	\$0.00	\$0.00
Mulch Fire	20	\$200.00	\$0.00	\$200.00
Natural Vegetation Fire, Other	8	\$0.00	\$0.00	\$0.00
Passenger Vehicle Fire	7	\$3,500.00	\$200.00	\$3,700.00
Trash Or Rubbish Fire, Contained	21	\$4,000.00	\$1,000.00	\$5,000.00

VEHICLE FIRES



County	Passenger Vehicle Fires			
	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Atlantic	87	\$235,100.00	\$65,501.00	\$300,601.00
Bergen	191	\$406,252.00	\$18,951.00	\$425,203.00
Burlington	120	\$898,700.00	\$118,170.00	\$1,016,870.00
Camden	194	\$334,826.00	\$21,201.00	\$356,027.00
Cape May	25	\$68,000.00	\$8,400.00	\$76,400.00
Cumberland	72	\$156,751.00	\$1,801.00	\$158,552.00
Essex	325	\$892,653.00	\$66,154.00	\$958,807.00
Gloucester	73	\$55,300.00	\$6,800.00	\$62,100.00
Hudson	160	\$127,007.00	\$32,005.00	\$159,012.00
Hunterdon	39	\$62,000.00	\$7,000.00	\$69,000.00
Mercer	121	\$161,359.00	\$16,005.00	\$177,364.00
Middlesex	219	\$507,307.00	\$17,532.00	\$524,839.00
Monmouth	181	\$223,000.00	\$1,900.00	\$224,900.00
Morris	137	\$277,299.00	\$10,153.00	\$287,452.00
Ocean	87	\$85,001.00	\$3,301.00	\$88,302.00
Passaic	211	\$3,103,201.00	\$48,400.00	\$3,151,601.00
Salem	26	\$77,200.00	\$2,200.00	\$79,400.00
Somerset	68	\$90,443.00	\$3,700.00	\$94,143.00
Sussex	36	\$9,000.00	\$250.00	\$9,250.00
Union	206	\$361,966.00	\$22,751.00	\$384,717.00
Warren	36	\$59,000.00	\$0.00	\$59,000.00
Total	2,614	\$8,191,365.00	\$472,175.00	\$8,663,540.00

County	All Other Vehicle Fires			
	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Atlantic	17	\$107,000.00	\$6,750.00	\$113,750.00
Bergen	59	\$235,800.00	\$13,000.00	\$248,800.00
Burlington	40	\$509,535.00	\$50,501.00	\$560,036.00
Camden	37	\$80,200.00	\$0.00	\$80,200.00
Cape May	9	\$310,000.00	\$3,000.00	\$313,000.00
Cumberland	20	\$92,850.00	\$50,100.00	\$142,950.00
Essex	80	\$145,001.00	\$2,201.00	\$147,202.00
Gloucester	27	\$515,000.00	\$45,000.00	\$560,000.00
Hudson	41	\$2.00	\$5,002.00	\$5,004.00
Hunterdon	12	\$170,000.00	\$0.00	\$170,000.00
Mercer	40	\$172,003.00	\$10,503.00	\$182,506.00
Middlesex	100	\$458,302.00	\$160,403.00	\$618,705.00
Monmouth	46	\$27,000.00	\$16,000.00	\$43,000.00
Morris	55	\$291,001.00	\$163,691.00	\$454,692.00
Ocean	28	\$10,000.00	\$0.00	\$10,000.00
Passaic	38	\$369,100.00	\$32,200.00	\$401,300.00
Salem	13	\$3,000.00	\$0.00	\$3,000.00
Somerset	18	\$6,000.00	\$1,000.00	\$7,000.00
Sussex	23	\$0.00	\$1,200.00	\$1,200.00
Union	56	\$747,400.00	\$41,000.00	\$788,400.00
Warren	22	\$123,000.00	\$37,000.00	\$160,000.00
Total	781	\$4,372,194.00	\$638,551.00	\$5,010,745.00

VEHICLE FIRES

Passenger Vehicle Fires	Cause Of Ignition	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Act Of Nature	7	\$1,000.00	\$0.00	\$1,000.00
	Cause Under Investigation	436	\$1,762,356.00	\$199,106.00	\$1,961,462.00
	Cause Undetermined After Investigation	674	\$1,236,100.00	\$62,807.00	\$1,298,907.00
	Failure Of Equipment Or Heat Source	414	\$933,242.00	\$75,801.00	\$1,009,043.00
	Information Not Provided By Fire Department	121	\$2,230,500.00	\$5,600.00	\$2,236,100.00
	Intentional	50	\$85,202.00	\$2,701.00	\$87,903.00
	Unintentional	912	\$1,942,965.00	\$126,160.00	\$2,069,125.00
	Total	2,614	\$8,191,365.00	\$472,175.00	\$8,663,540.00

All Other Vehicle Fires	Cause Of Ignition	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Act Of Nature	3	\$0.00	\$0.00	\$0.00
	Cause Under Investigation	121	\$788,801.00	\$162,301.00	\$951,102.00
	Cause Undetermined After Investigation	183	\$1,299,303.00	\$136,703.00	\$1,436,006.00
	Failure Of Equipment Or Heat Source	155	\$438,300.00	\$40,201.00	\$478,501.00
	Information Not Provided By Fire Department	21	\$38,000.00	\$35,000.00	\$73,000.00
	Intentional	7	\$0.00	\$0.00	\$0.00
	Unintentional	291	\$1,807,790.00	\$264,346.00	\$2,072,136.00
Total	781	\$4,372,194.00	\$638,551.00	\$5,010,745.00	

Passenger Vehicle Fires	Most Frequent Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Cargo/Trunk Area - All Vehicles	62	\$126,656.00	\$30,871.00	\$157,527.00
	Engine Area, Running Gear, Wheel Area	1,384	\$3,018,678.00	\$193,642.00	\$3,212,320.00
	Exterior, Exposed Surface	42	\$147,500.00	\$1,700.00	\$149,200.00
	Highway, Parking Lot, Street: On Or Near	48	\$54,002.00	\$4,001.00	\$58,003.00
	Information Not Provided By Fire Department	38	\$36,000.00	\$1,000.00	\$37,000.00
	Operator/Passenger Area Of Transportation Equipment	202	\$862,479.00	\$147,354.00	\$1,009,833.00
	Other	76	\$36,002.00	\$1,002.00	\$37,004.00
	Undetermined	503	\$3,475,647.00	\$29,952.00	\$3,505,599.00
Vehicle Area, Other	189	\$328,701.00	\$59,153.00	\$387,854.00	

All Other Vehicle Fires	Most Frequent Area Of Fire Origin	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Cargo/Trunk Area - All Vehicles	57	\$217,703.00	\$91,443.00	\$309,146.00
	Engine Area, Running Gear, Wheel Area	327	\$1,764,488.00	\$66,403.00	\$1,830,891.00
	Exterior, Exposed Surface	32	\$16,500.00	\$0.00	\$16,500.00
	Fuel Tank, Fuel Line	12	\$626,600.00	\$136,100.00	\$762,700.00
	Highway, Parking Lot, Street: On Or Near	10	\$61,400.00	\$0.00	\$61,400.00
	Operator/Passenger Area Of Transportation Equipment	32	\$318,001.00	\$54,201.00	\$372,202.00
	Other	29	\$80,001.00	\$45,001.00	\$125,002.00
	Undetermined	165	\$1,148,101.00	\$167,902.00	\$1,316,003.00
Vehicle Area, Other	74	\$98,900.00	\$42,001.00	\$140,901.00	

VEHICLE FIRES

Passenger Vehicle Fires	Most Frequent Heat Source	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Electrical Arcing	146	\$457,603.00	\$20,353.00	\$477,956.00
	Heat From Powered Equipment, Other	221	\$377,527.00	\$51,252.00	\$428,779.00
	Heat Source: Other	85	\$39,003.00	\$5,204.00	\$44,207.00
	Heat, Spark From Friction	54	\$281,500.00	\$7,475.00	\$288,975.00
	Hot Or Smoldering Object, Other	68	\$114,250.00	\$4,950.00	\$119,200.00
	Information Not Provided By Fire Department	38	\$36,000.00	\$1,000.00	\$37,000.00
	Radiated Heat From Another Fire	14	\$112,500.00	\$2,500.00	\$115,000.00
	Radiated, Conducted Heat From Operating Equipment	118	\$228,402.00	\$8,101.00	\$236,503.00
	Spark, Ember Or Flame From Operating Equipment	80	\$174,051.00	\$8,800.00	\$182,851.00
Undetermined	1,715	\$6,200,031.00	\$339,037.00	\$6,539,068.00	

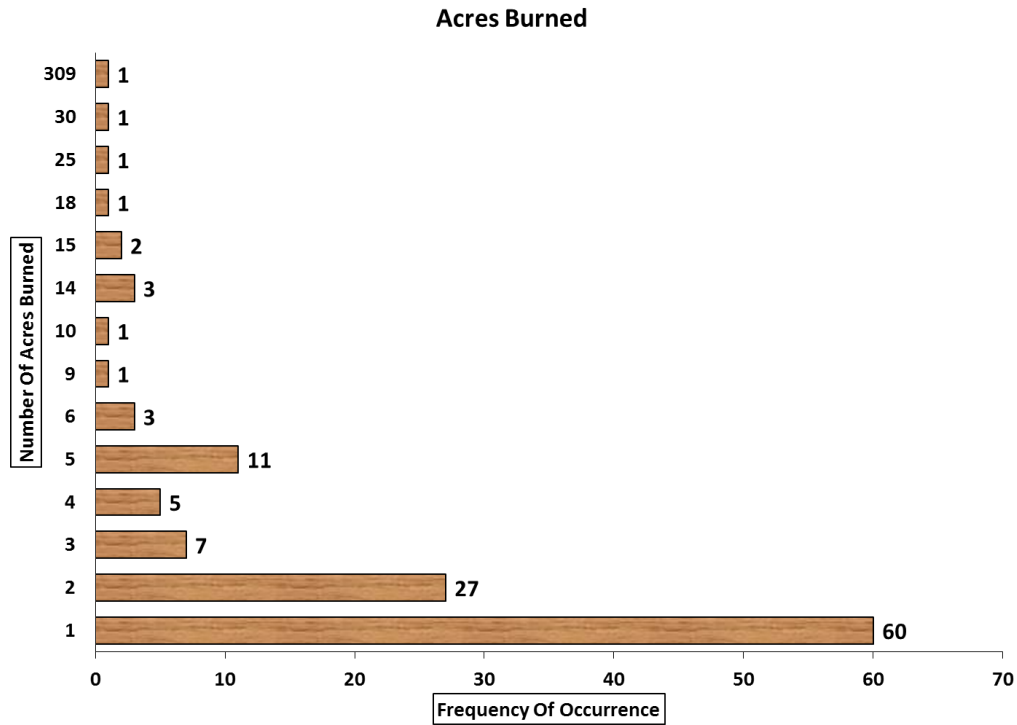
All Other Vehicle Fires	Most Frequent Heat Source	Incidents	Property Loss	Contents Loss	Total Dollar Loss
	Electrical Arcing	37	\$240,950.00	\$9,250.00	\$250,200.00
	Heat From Powered Equipment, Other	80	\$690,838.00	\$133,003.00	\$823,841.00
	Heat Source: Other	45	\$8,502.00	\$46,002.00	\$54,504.00
	Heat, Spark From Friction	32	\$157,500.00	\$31,200.00	\$188,700.00
	Hot Or Smoldering Object, Other	22	\$105,000.00	\$250.00	\$105,250.00
	Information Not Provided By Fire Department	8	\$35,000.00	\$35,000.00	\$70,000.00
	Radiated, Conducted Heat From Operating Equipment	69	\$65,400.00	\$38,001.00	\$103,401.00
	Spark, Ember Or Flame From Operating Equipment	14	\$90,000.00	\$50,450.00	\$140,450.00
	Undetermined	446	\$2,920,604.00	\$290,395.00	\$3,210,999.00

Incident Type	Information Not Provided By Fire Department	Mobile Property Involved In Ignition, And Burned	Mobile Property Not Involved In Ignition, But Burned In Fire Following Ignition	Mobile Property Was Involved In Ignition, But Did Not Burn	Total
Aircraft Fire		1			1
Camper Or Recreational Vehicle (RV) Fire		10	1		11
Mobile Property (Vehicle) Fire, Other	4	178	60	50	292
Off-Road Vehicle Or Heavy Equipment Fire		62	12	7	81
Passenger Vehicle Fire	38	1,868	412	296	2,614
Rail Vehicle Fire		3	2	2	7
Road Freight Or Transport Vehicle Fire	4	198	80	83	365
Self-Propelled Motor Home Or Recreational Vehicle		2			2
Water Vehicle Fire		16	2	4	22
Total	46	2,338	569	442	3,395

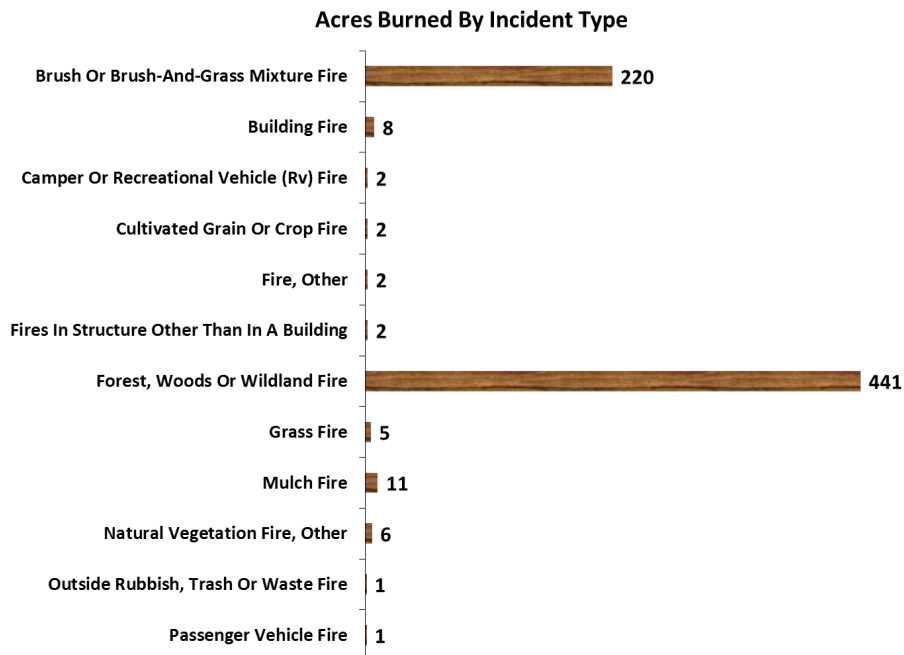
Passenger Vehicle Fires				
Mobile Property Involvement	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Information Not Provided By Fire Department	38	\$36,000.00	\$1,000.00	\$37,000.00
Mobile Property Involved In Ignition, And Burned	1,868	\$5,569,389.00	\$422,024.00	\$5,991,413.00
Mobile Property Not Involved In Ignition, But Burned In Fire Following Ignition	412	\$2,489,000.00	\$28,100.00	\$2,517,100.00
Mobile Property Was Involved In Ignition, But Did Not Burn	296	\$96,976.00	\$21,051.00	\$118,027.00
Total	2,614	\$8,191,365.00	\$472,175.00	\$8,663,540.00

All Other Vehicle Fires				
Mobile Property Involvement	Incidents	Property Loss	Contents Loss	Total Dollar Loss
Information Not Provided By Fire Department	8	\$35,000.00	\$35,000.00	\$70,000.00
Mobile Property Involved In Ignition, And Burned	470	\$3,916,889.00	\$548,546.00	\$4,465,435.00
Mobile Property Not Involved In Ignition, But Burned In Fire Following Ignition	157	\$304,302.00	\$17,802.00	\$322,104.00
Mobile Property Was Involved In Ignition, But Did Not Burn	146	\$116,003.00	\$37,203.00	\$153,206.00
Total	781	\$4,372,194.00	\$638,551.00	\$5,010,745.00

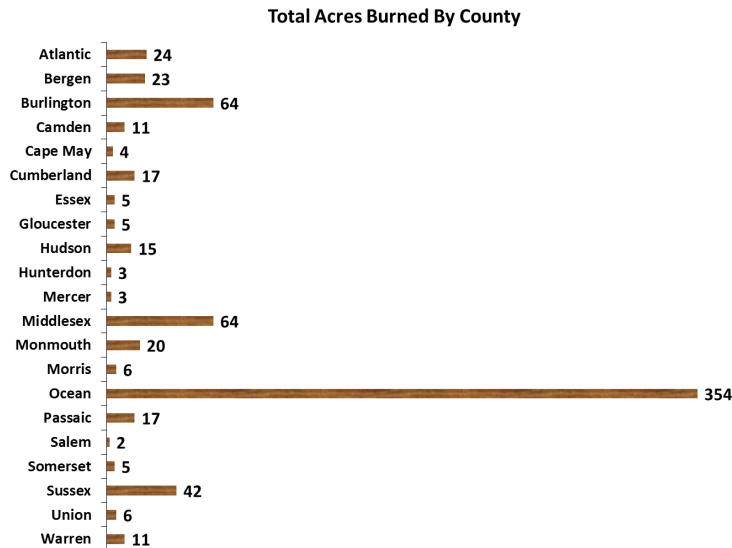
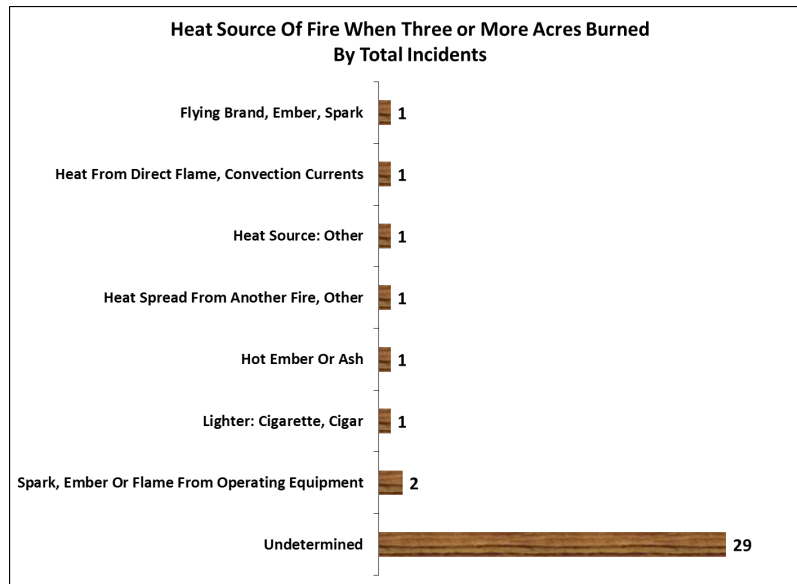
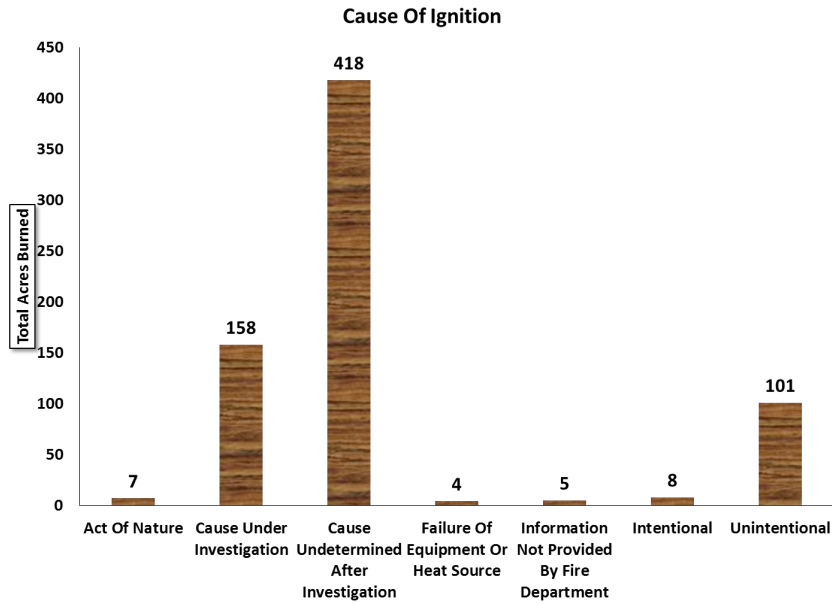
WILDLAND FIRES



Statewide, 124 fire incidents burned 701 acres.



WILDLAND FIRES



HAZARDOUS MATERIALS RELEASES

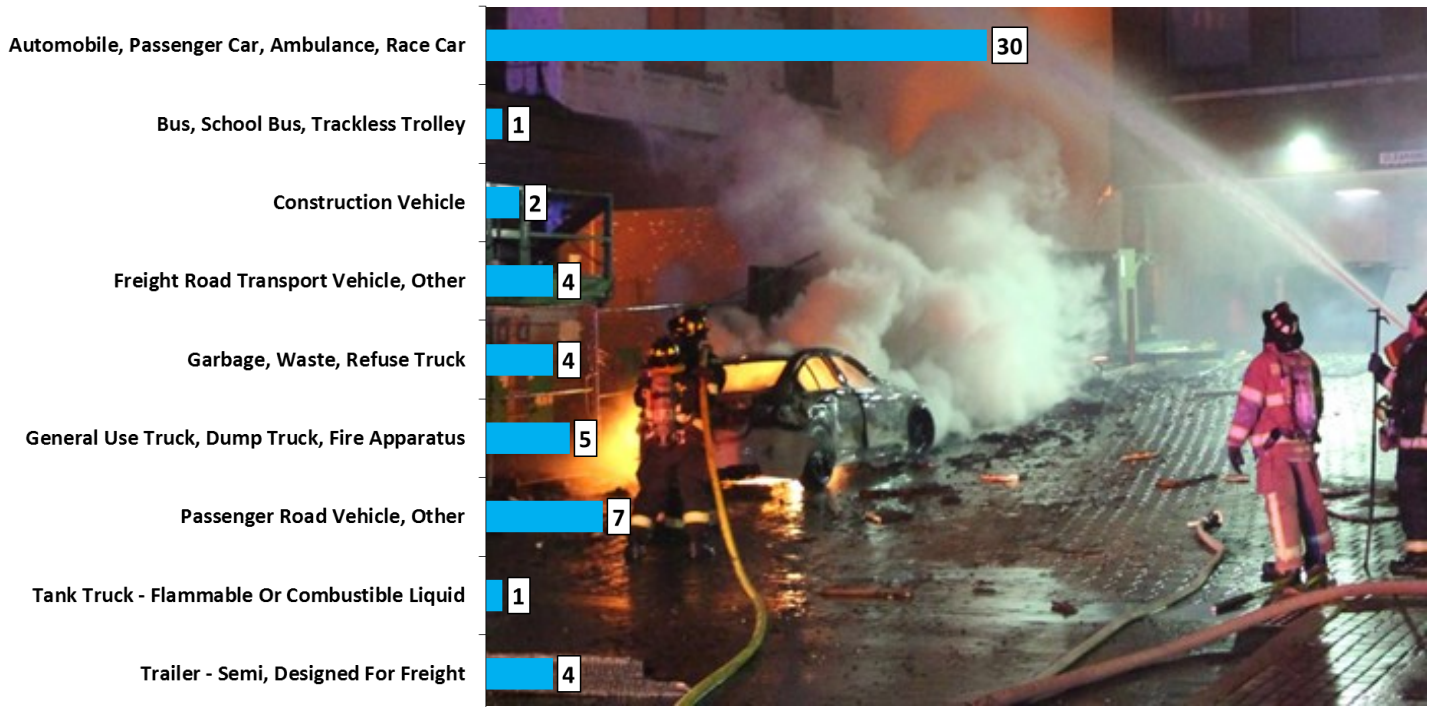
Container Types Involved In Hazardous Materials Release Incidents And Type Of Environment Hazardous Materials Released Into									
Container Type	Air	Air And Ground	Confined, No Environmental Impact	Ground	Information Not Provided By Fire Department	Water	Water And Air	Water And Ground	Total
Can Or Bottle	3			1					4
Carboy				1					1
Container Type, Other	2		1						3
Cylinder	1		1						2
Drum				3					3
Fixed Container, Other	2		1	2					5
Hose				4					4
Information Not Provided By Fire Department	47	1	100	16	58		1	10	233
Machinery Or Process Equipment	9	1	3		2			1	16
Mobile Container, Other			2	5					7
None	1	1			1		1		4
Pipe Or Pipeline	20	7	1		3				31
Piping Associated With Mobile Product Tank Loading Or Offload	1			2				1	4
Pond Or Surface Impoundment		1						1	2
Portable Container, Other	1		1	3					5
Product Tank On Or Towed By Vehicle				7		2			9
Tank Or Silo	2		1	3				2	8
Undetermined	1	1			1				3
Vehicle Fuel Tank And Associated Piping			4	13	3			3	23
Well								1	1
Total	90	12	115	60	68	2	2	19	368

Total Release Amounts Of Hazardous Materials Incidents



HAZARDOUS MATERIALS RELEASES

Mobile Properties Involved In Hazardous Materials Incidents



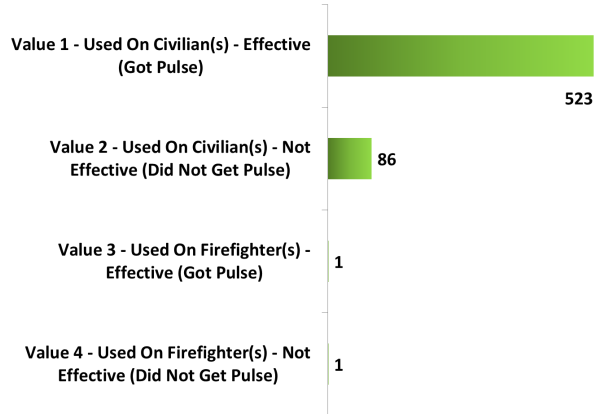
Picture courtesy of Ron Jeffers:
Cliffside Park, New Jersey; November 18, 2014

Incident Types That Involved Hazardous Materials Releases	Frequency
Biological Hazard, Confirmed Or Suspected	6
Building Fire	8
Carbon Monoxide Incident	30
Chemical Hazard (No Spill Or Leak)	1
Chemical Spill Or Leak	29
Combustible/Flammable Gas/Liquid Condition, Other	4
Cooking Fire, Confined To Container	1
Dumpster Or Other Outside Trash Receptacle Fire	1
Fuel Burner/Boiler Malfunction, Fire Confined	1
Gas Leak (Natural Gas Or LPG)	79
Gasoline Or Other Flammable Liquid Spill	45
Hazardous Condition, Other	5
Mobile Property (Vehicle) Fire, Other	1
Motor Vehicle Accident With Injuries	67
Motor Vehicle Accident With No Injuries	29
Motor Vehicle/Pedestrian Accident	1
Oil Or Other Combustible Liquid Spill	45
Outside Equipment Fire	1
Passenger Vehicle Fire	11
Refrigeration Leak	1
Road Freight Or Transport Vehicle Fire	2
Total	368

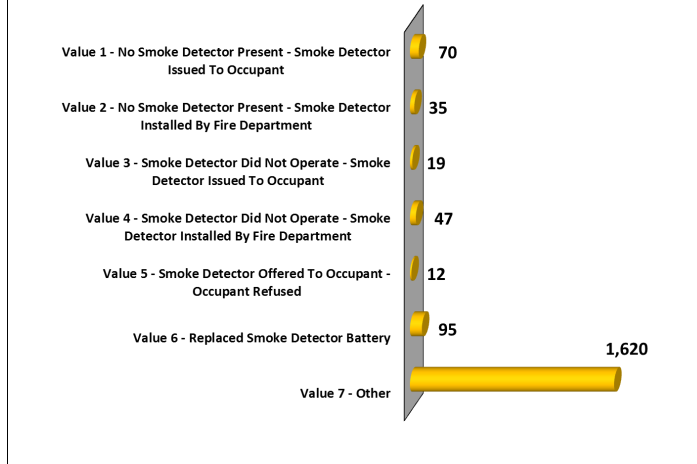
Most Frequent Hazardous Material/Chemical Releases	Occurrence Of Release	Sum Of Release Amount	Unit Type Of Release And Amount
Anti Freeze	47	57	Gallons = 47
Carbon Monoxide	30	1,705	Cubic Feet = 5 Parts Per Million = 25
Diesel Fuel	28	7,544	Gallons = 28
Gasoline	51	6,846	Cubic Feet = 1 Cubic Meter = 1 Gallons = 40 Information Not Provided By FD = 1 Liter = 1 Ounces (Liquid) = 6 Ounces (Weight) = 1
Motor Oil	41	88	Gallons = 40 Ounces (Liquid) = 1
Natural Gas	68	215,505	Cubic Feet = 49 Cubic Meters = 6 Information Not Provided By FD = 1 Ounces (Liquid) = 1 Parts Per Billion = 1 Parts Per Million = 10
Total	283	231,860	

SPECIAL STUDIES

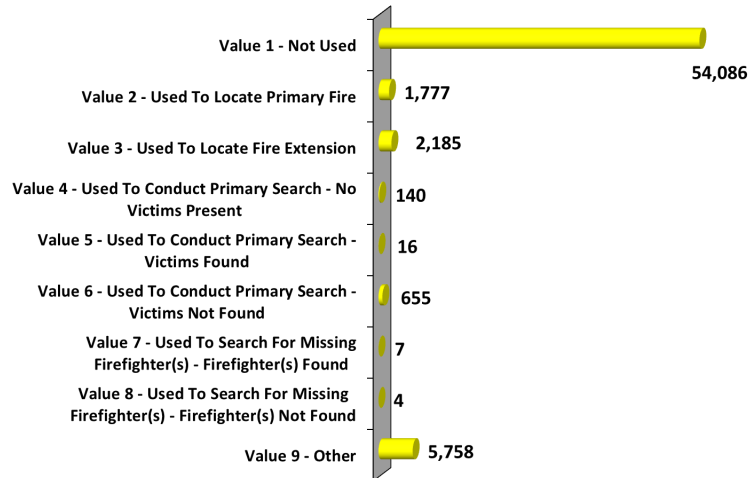
Automatic External Defibrillator Special Study - 7000



SMOKE DETECTOR SPECIAL STUDY- 6100



Thermal Imaging Camera Special Study - 6000



PLEASE NOTE:

**No data was received for
 Special Study 8000—Solar Equipment Involved In Fire Incident
 Value 1 = Solar equipment involved in start of fire.
 Value 2 = Solar equipment involved in spread of fire.
 Value 3 = Solar equipment present—Involvement undetermined.**

INCIDENT TYPE CODES

FIRE. Includes fires out on arrival and gas vapor explosions (with extremely rapid combustion).

Structure fire

- 111** Building fire. Excludes confined fires (113–118).
- 112** Fire in structure, other than in a building. Included are fires on or in piers, quays, or pilings; tunnels or underground connecting structures; bridges, trestles, or overhead elevated structures; transformers, power or utility vaults or equipment; fences; and tents.
- 113** Cooking fire involving the contents of a cooking vessel without fire extension beyond the vessel.
- 114** Chimney or flue fire originating in and confined to a chimney or flue. Excludes fires that extend beyond the chimney (111 or 112).
- 115** Incinerator overload or malfunction, but flames cause no damage outside the incinerator.
- 116** Fuel burner/boiler, delayed ignition or malfunction, where flames cause no damage outside the fire box.
- 117** Commercial compactor fire, confined to contents of compactor. Excluded are home trash compactors.
- 118** Trash or rubbish fire in a structure, with no flame damage to structure or its contents.

Fire in mobile property used as a fixed structure. Includes mobile homes, motor homes, camping trailers.

- 121** Fire in mobile home used as a fixed residence. Includes mobile homes when not in transit and used as a structure for residential purposes; and manufactured homes built on a permanent chassis.
- 122** Fire in a motor home, camper, or recreational vehicle when used as a structure. Includes motor homes when not in transit and used as a structure for residential purposes.
- 123** Fire in a portable building, when used at a fixed location. Includes portable buildings used for commerce, industry, or education and trailers used for commercial purposes.
- 123A** Fire in a mobile building used as an amusement ride. (Enclosed rides/amusements on wheels in a fixed location, such as dark rides or funhouses, mounted on a trailer.)
- 120** Fire in mobile property used as a fixed structure, other.

Mobile property (vehicle) fire. Excludes mobile properties used as a structure (120 series). If a vehicle fire occurs on a bridge and does not damage the bridge, it should be classified as a vehicle fire.

- 131** Passenger vehicle fire. Includes any motorized passenger vehicle, other than a motor home (136) (e.g., pickup trucks, sport utility vehicles, buses).
- 132** Road freight or transport vehicle fire. Includes commercial freight hauling vehicles and contractor vans or trucks. Examples are moving trucks, plumber vans, and delivery trucks.
- 133** Rail vehicle fire. Includes all rail cars, including intermodal containers and passenger cars that are mounted on a rail car.
- 134** Water vehicle fire. Includes boats, barges, hovercraft, and all other vehicles designed for navigation on water.
- 135** Aircraft fire. Includes fires originating in or on an aircraft, regardless of use.
- 136** Self-propelled motor home or recreational vehicle. Includes only self-propelled motor homes or recreational vehicles when being used in a transport mode. Excludes those used for normal residential use (122).
- 137** Camper or recreational vehicle (RV) fire, not self-propelled. Includes trailers. Excludes RVs on blocks or used regularly as a fixed building (122) and the vehicle towing the camper or RV or the campers mounted on pickups (131).
- 137A** Open amusement ride on wheels/trailer. (Fire in an open amusement ride that is on wheels or trailer mounted, used in a fixed location.)
- 138** Off-road vehicle or heavy equipment fire. Includes dirt bikes, specialty off-road vehicles, earth-moving equipment (bulldozers), and farm equipment.
- 130** Mobile property (vehicle) fire, other.

Natural vegetation fire. Excludes crops or plants under cultivation (see 170 series).

- 141** Forest, woods, or wildland fire. Includes fires involving vegetative fuels, other than prescribed fire (632), that occur in an area in which development is essentially nonexistent, except for roads, railroads, power lines, and the like. Also includes forests managed for lumber production and fires involving elevated fuels such as tree branches and crowns. Excludes areas in cultivation for agricultural purposes such as tree farms or crops (17x series).
- 142** Brush or brush-and-grass mixture fire. Includes ground fuels lying on or immediately above the ground such as duff, roots, dead leaves, fine dead wood, and downed logs.
- 142M** Mulch fire.
- 143** Grass fire. Includes fire confined to area characterized by grass ground cover, with little or no involvement of other ground fuels; otherwise, see 142.
- 140** Natural vegetation fire, other.

INCIDENT TYPE CODES

Outside rubbish fire. Includes all rubbish fires outside a structure or vehicle.

151 Outside rubbish, trash, or waste fire not included in 152–155. Excludes outside rubbish fires in a container or receptacle (154).

152 Garbage dump or sanitary landfill fire.

153 Construction or demolition landfill fire.

154 Dumpster or other outside trash receptacle fire. Includes waste material from manufacturing or other production processes. Excludes materials that are not rubbish or have salvage value (161 or 162).

155 Outside stationary compactor or compacted trash fire. Includes fires where the only material burning is rubbish. Excludes fires where the compactor is damaged (162).

150 Outside rubbish fire, other.

Special outside fire. Includes outside fires with definable value. Excludes crops and orchards (170 series).

161 Outside storage fire on residential or commercial/industrial property, not rubbish. Includes recyclable materials at dropoff points.

162 Outside equipment fire. Includes outside trash compactors, outside HVAC units, and irrigation pumps. Excludes special structures (110 series) and mobile construction equipment (130 series).

163 Outside gas or vapor combustion explosion without sustained fire.

164 Outside mailbox fire. Includes dropoff boxes for delivery services.

160 Special outside fire, other.

Cultivated vegetation, crop fire

171 Cultivated grain or crop fire. Includes fires involving corn, wheat, soybeans, rice, and other plants before harvest.

172 Cultivated orchard or vineyard fire.

173 Cultivated trees or nursery stock fire. Includes fires involving Christmas tree farms and plants under cultivation for transport off-site for ornamental use.

170 Cultivated vegetation, crop fire, other.

Fire, other

100 Fire, other.

OVERPRESSURE, RUPTURE, EXPLOSION, OVERHEAT (NO FIRE). Excludes steam mistaken for smoke.

Overpressure rupture from steam (no ensuing fire)

211 Overpressure rupture of steam pipe or pipeline.

212 Overpressure rupture of steam boiler.

213 Overpressure rupture of pressure or process vessel from steam.

210 Overpressure rupture from steam, other.

Overpressure rupture from air or gas (no ensuing fire). Excludes steam or water vapor.

221 Overpressure rupture of air or gas pipe or pipeline.

222 Overpressure rupture of boiler from air or gas. Excludes steam-related overpressure ruptures.

223 Overpressure rupture of pressure or process vessel from air or gas, not steam.

220 Overpressure rupture from air or gas, other.

Overpressure rupture from chemical reaction (no ensuing fire)

231 Overpressure rupture of pressure or process vessel from a chemical reaction.

Explosion (no fire)

241 Munitions or bomb explosion (no fire). Includes explosions involving military ordnance, dynamite, nitroglycerin, plastic explosives, propellants, and similar agents with a UN classification 1.1 or 1.3. Includes primary and secondary high explosives.

242 Blasting agent explosion (no fire). Includes ammonium nitrate and fuel oil (ANFO) mixtures and explosives with a UN Classification 1.5 (also known as blasting agents).

243 Fireworks explosion (no fire). Includes all classes of fireworks.

240 Explosion (no fire), other.

Excessive heat, scorch burns with no ignition

251 Excessive heat, overheat scorch burns with no ignition. Excludes lightning strikes with no ensuing fire (814).

Overpressure rupture, explosion, overheat, other

200 Overpressure rupture, explosion, overheat, other.

INCIDENT TYPE CODES

RESCUE AND EMERGENCY MEDICAL SERVICE INCIDENT

Medical assist

311 Medical assist. Includes incidents where medical assistance is provided to another group/agency that has primary EMS responsibility. (Example, providing assistance to another agency-assisting EMS with moving a heavy patient.)

Emergency medical service incident

321 EMS call. Includes calls when the patient refuses treatment. Excludes vehicle accident with injury (322) and pedestrian struck (323).

322 Motor vehicle accident with injuries. Includes collision with other vehicle, fixed objects, or loss of control resulting in leaving the roadway.

323 Motor vehicle/pedestrian accident (MV Ped). Includes any motor vehicle accident involving a pedestrian injury.

324 Motor vehicle accident with no injuries.

Lock-In

331 Lock-in. Includes opening locked vehicles and gaining entry to locked areas for access by caretakers or rescuers, such as a child locked in a bathroom. Excludes lock-outs (511).

Search for lost person

341 Search for person on land. Includes lost hikers and children, even where there is an incidental search of local bodies of water, such as a creek or river.

342 Search for person in water. Includes shoreline searches incidental to a reported drowning call.

343 Search for person underground. Includes caves, mines, tunnels, and the like.

340 Search for lost person, other.

Extrication, rescue

351 Extrication of victim(s) from building or structure, such as a building collapse. Excludes high-angle rescue (356).

352 Extrication of victim(s) from vehicle. Includes rescues from vehicles hanging off a bridge or cliff.

353 Removal of victim(s) from stalled elevator.

354 Trench/below-grade rescue.

355 Confined space rescue. Includes rescues from the interiors of tanks, including areas with potential for hazardous atmospheres such as silos, wells, and tunnels.

356 High-angle rescue. Includes rope rescue and rescues off of structures.

357 Extrication of victim(s) from machinery. Includes extrication from farm or industrial equipment.

350 Extrication, rescue, other.

Water and ice-related rescue

361 Swimming/recreational water areas rescue. Includes pools and ponds. Excludes ice rescue (362).

362 Ice rescue. Includes only cases where victim is stranded on ice or has fallen through ice.

363 Swift-water rescue. Includes flash flood conditions.

364 Surf rescue.

365 Watercraft rescue. Excludes rescues near the shore and in swimming/recreational areas (361). Includes people falling overboard at a significant distance from land.

360 Water and ice-related rescue, other.

Electrical rescue

371 Electrocution or potential electrocution. Excludes people trapped by power lines (372).

372 Trapped by power lines. Includes people trapped by downed or dangling power lines or other energized electrical equipment.

370 Electrical rescue, other.

Rescue or EMS standby

381 Rescue or EMS standby for hazardous conditions. Excludes aircraft standby (462).

Rescue, emergency medical service (EMS) incident, other

300 Rescue and EMS incident, other.

INCIDENT TYPE CODES

HAZARDOUS CONDITION (NO FIRE)

Combustible/flammable spills and leaks

- 411 Gasoline or other flammable liquid spill (flash point below 100 degrees F at standard temperature and pressure (Class I)).
- 412 Gas leak (natural gas or LPG). Excludes gas odors with no source found (671).
- 413 Oil or other combustible liquid spill (flash point at or above 100 degrees F at standard temperature and pressure (Class II or III)).
- 410 Combustible and flammable gas or liquid spills or leaks, other.

Chemical release, reaction, or toxic condition

- 421 Chemical hazard (no spill or leak). Includes the potential for spills or leaks.
- 422 Chemical spill or leak. Includes unstable, reactive, explosive material.
- 423 Refrigeration leak. Includes ammonia.
- 424 Carbon monoxide incident. Excludes incidents with nothing found (736 or 746).
- 420 Toxic chemical condition, other.

Radioactive condition

- 431 Radiation leak, radioactive material. Includes release of radiation due to breaching of container or other accidental release.
- 430 Radioactive condition, other.

Electrical wiring/equipment problem

- 441 Heat from short circuit (wiring), defective or worn insulation.
- 442 Overheated motor or wiring.
- 443 Breakdown of light ballast.
- 444 Power line down. Excludes people trapped by downed power lines (372).
- 445 Arcing, shorted electrical equipment.
- 440 Electrical wiring/equipment problem, other.

Biological hazard

- 451 Biological hazard, confirmed or suspected.

Accident, potential accident

- 461 Building or structure weakened or collapsed. Excludes incidents where people are trapped (351).
- 462 Aircraft standby. Includes routine standby for takeoff and landing as well as emergency alerts at airports.
- 463 Vehicle accident, general cleanup. Includes incidents where FD is dispatched after the accident to clear away debris. Excludes extrication from vehicle (352) and flammable liquid spills (411 or 413).
- 460 Accident, potential accident, other.

Explosive, bomb removal

- 471 Explosive, bomb removal. Includes disarming, rendering safe, and disposing of bombs or suspected devices. Excludes bomb scare (721).

Attempted burning, illegal action

- 481 Attempt to burn. Includes situations in which incendiary devices fail to function.
- 482 Threat to burn. Includes verbal threats and persons threatening to set themselves on fire. Excludes an attempted burning (481).
- 480 Attempted burning, illegal action, other.

Hazardous condition, other

- 400 Hazardous condition (no fire), other.

INCIDENT TYPE CODES

SERVICE CALL

Person in distress

- 511 Lock-out. Includes efforts to remove keys from locked vehicles. Excludes lock-ins (331).
- 512 Ring or jewelry removal, without transport to hospital. Excludes persons injured (321).
- 510 Person in distress, other.

Water problem

- 521 Water (not people) evacuation. Includes the removal of water from basements. Excludes water rescues (360 series).
- 522 Water or steam leak. Includes open hydrant. Excludes overpressure ruptures (211).
- 520 Water problem, other.

Smoke, odor problem

- 531 Smoke or odor removal. Excludes the removal of any hazardous materials.

Animal problem or rescue

- 541 Animal problem. Includes persons trapped by an animal or an animal on the loose.
- 542 Animal rescue.
- 540 Animal problem or rescue, other.

Public service assistance

- 551 Assist police or other governmental agency. Includes forcible entry and the provision of lighting.
- 552 Police matter. Includes incidents where FD is called to a scene that should be handled by the police.
- 553 Public service. Excludes service to governmental agencies (551 or 552).
- 554 Assist invalid. Includes incidents where the invalid calls the FD for routine help, such as assisting a person in returning to bed or chair, with no transport or medical treatment given.
- 555 Defective elevator, no occupants.
- 550 Public service assistance, other.

Unauthorized burning

- 561 Unauthorized burning. Includes fires that are under control and not endangering property.

Cover assignment, standby at fire station, move-up

- 571 Cover assignment, assist other fire agency such as standby at a fire station or move-up.

Service call, other

- 500 Service call, other.

GOOD INTENT CALL

Dispatched and canceled en route

- 611 Dispatched and canceled en route. Incident cleared or canceled prior to arrival of the responding unit. If a unit arrives on the scene, fill out the applicable code.

Wrong location, no emergency found

- 621 Wrong location. Excludes malicious false alarms (710 series).
- 622 No incident found on arrival at dispatch address.

Controlled burning

- 631 Authorized controlled burning. Includes fires that are agricultural in nature and managed by the property owner. Excludes unauthorized controlled burning (561) and prescribed fires (632).
- 632 Prescribed fire. Includes fires ignited by management actions to meet specific objectives and have a written, approved prescribed fire plan prior to ignition. Excludes authorized controlled burning (631).

Vicinity alarm

- 641 Vicinity alarm (incident in other location). For use only when an erroneous report is received for a legitimate incident. Includes separate locations reported for an actual fire and multiple boxes pulled for one fire.

INCIDENT TYPE CODES

Steam, other gas mistaken for smoke

- 651 Smoke scare, odor of smoke, not steam (652). Excludes gas scares or odors of gas (671).
- 652 Steam, vapor, fog, or dust thought to be smoke.
- 653 Smoke from barbecue or tar kettle (no hostile fire).
- 650 Steam, other gas mistaken for smoke, other.

EMS call where party has been transported

- 661 EMS call where injured party has been transported by a non-fire service agency or left the scene prior to arrival.

HazMat release investigation w/no HazMat found

- 671 Hazardous material release investigation with no hazardous condition found. Includes odor of gas with no leak/gas found.
- 672 Biological hazard investigation with no hazardous condition found.

Good intent call, other

- 600 Good intent call, other.

FALSE ALARM AND FALSE CALL

Malicious, mischievous false alarm

- 711 Municipal alarm system, malicious false alarm. Includes alarms transmitted on street fire alarm boxes.
- 712 Direct tie to fire department, malicious false alarm. Includes malicious alarms transmitted via fire alarm system directly tied to the fire department, not via dialed telephone.
- 713 Telephone, malicious false alarm. Includes false alarms transmitted via the public telephone network using the local emergency reporting number of the fire department or another emergency service agency.
- 714 Central station, malicious false alarm. Includes malicious false alarms via a central-station-monitored fire alarm system.
- 715 Local alarm system, malicious false alarm. Includes malicious false alarms reported via telephone or other means as a result of activation of a local fire alarm system.
- 710 Malicious, mischievous false alarm, other.

Bomb scare

- 721 Bomb scare (no bomb).

System or detector malfunction. Includes improper performance of fire alarm system that is not a result of a proper system response to environmental stimuli such as smoke or high heat conditions.

- 731 Sprinkler activated due to the failure or malfunction of the sprinkler system. Includes any failure of sprinkler equipment that leads to sprinkler activation with no fire present. Excludes unintentional operation caused by damage to the sprinkler system (740 series).
- 732 Extinguishing system activation due to malfunction.
- 733 Smoke detector activation due to malfunction.
- 734 Heat detector activation due to malfunction.
- 735 Alarm system activation due to malfunction.
- 736 Carbon monoxide detector activation due to malfunction.
- 730 System or detector malfunction, other.

Unintentional system or detector operation (no fire). Includes tripping an interior device accidentally.

- 741 Sprinkler activation (no fire), unintentional. Includes testing the sprinkler system without fire department notification.
- 742 Extinguishing system activation. Includes testing the extinguishing system without fire department notification.
- 743 Smoke detector activation (no fire), unintentional. Includes proper system responses to environmental stimuli such as non-hostile smoke.
- 744 Detector activation (no fire), unintentional. A result of a proper system response to environmental stimuli such as high heat conditions
- 745 Alarm system activation (no fire), unintentional.
- 746 Carbon monoxide detector activation (no carbon monoxide detected). Excludes carbon monoxide detector malfunction.
- 740 Unintentional transmission of alarm, other.

INCIDENT TYPE CODES

Biohazard scare

751 Biological hazard, malicious false report.

False alarm and false call, other

700 False alarm or false call, other.

SEVERE WEATHER AND NATURAL DISASTER

811 Earthquake assessment, no rescue or other service rendered.

812 Flood assessment. Excludes water rescue (360 series).

813 Wind storm. Includes tornado, hurricane, or cyclone assessment. No other service rendered.

814 Lightning strike (no fire). Includes investigation.

815 Severe weather or natural disaster standby.

800 Severe weather or natural disaster, other.

SPECIAL INCIDENT TYPE

Citizen complaint

911 Citizen's complaint. Includes reports of code or ordinance violation.

Special type of incident, other

900 Special type of incident, other.