**Investigative Management and Reporting System** 



# 2015 Annual Report



Veritas ex Cineribus

Fire Department of the City of New York



Supervising Fire Marshal John Watkins Program Administrator Fire Marshal
Brian Kane
Medical Examiner Liaison

Computer Associate Irina Gotsdanker Application Developer Principal Administrative Associate Dana E. Holland Records Management Supervisor

#### Investigative Management and Reporting System

#### **Section 1: Total Investigations Analysis**

Summary of Investigations by Type

Summary of All Investigations by Percentage

#### **Section 2: Fire Cause Analysis**

Graph of Fire Causes Investigated by Category

Summary of Fire Causes Investigated by Category

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Summary of Accidental Fires by Borough & Community Board

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Graph of Civilian Fire Injuries by Age

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Annual Comparison of Fire Injuries by Borough, 2010-2015

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Fire Injuries by Category & Cause

Fire Injuries by Borough & Type of Injury

Fire Injuries by Community Board & Borough

Monthly Fire Injuries by Borough

Fire Injuries by Hour of Occurrence & Borough

Fire Injuries by Race/Ethnicity & Occupancy

Fire Injuries by Age & Gender

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BFI Arrests & Assists to Law Enforcement by Community Board & Borough

BFI Arrests by Borough

BFI Arrests by Community Board & Borough

BFI Arson Arrests by Community Board & Borough

Bronx Community Boards Arrest Breakdown

Brooklyn Community Boards Arrest Breakdown

Manhattan Community Boards Arrest Breakdown

Queens Community Boards Arrest Breakdown

Staten Island Community Boards Arrest Breakdown

Other Law Enforcement Arrests / BFI Assists by Borough

Other Law Enforcement Arrests / BFI Assists by Community Board & Borough

**Investigative Management and Reporting System** 



# 2015 Annual Report on Total Investigations



**Investigative Management and Reporting System** 

#### **Summary of Investigations by Type**



Type of Investigation	Total	
Total Fire Investigations:	6612	
Total Non Fire Investigations:	1239	
Albany Burn Notif. Unrelated to a Fire/Explosion	670	
MFA	111	
SIU Investigation	108	
Other - No Fire	107	
Juvenile Firesetter Intervention	95	
Albany Burn Notif. Related to a Previous BFI Inv.	59	
Fireworks Related	25	
Juvenile Firesetter Community Outreach	22	
Albany Burn Notif. / Pending Investigation	20	
Threat to Burn	9	
Carbon Monoxide Incident	4	
Headquarters Investigation	4	
Juvenile Firesetter Follow Up	3	
Fraudulent Placard Investigation	1	
Electrocution - Electrical Burns to Person	1	
Cases Received:	7851	
Preliminary Investigation Only:	1886	
Total Investigations:	5965	

**Investigative Management and Reporting System** 

#### **Summary of Fire Investigation Cases by Percentage**



Fire Causes	Total	
Preliminary Investigation Only	1886	
Percentage of Investigations Conducted	31.62%	
Incendiary	1733	
Percentage of Investigations Conducted	29.05%	
Electrical	929	
Percentage of Investigations Conducted	15.57%	
Smoking	828	
Percentage of Investigations Conducted	13.88%	
Albany Burn Notif. Unrelated to a Fire/Explos	670	
Percentage of Investigations Conducted	11.23%	
Open Flame	371	
Percentage of Investigations Conducted	6.22%	
Cooking Carelessness	262	
Percentage of Investigations Conducted	4.39%	
No Fire	241	
Percentage of Investigations Conducted	4.04%	
Hot Objects	177	
Percentage of Investigations Conducted	2.97%	
Appliance	145	
Percentage of Investigations Conducted	2.43%	
MFA	111	
Percentage of Investigations Conducted	1.86%	
Juvenile Firesetter Intervention	95	
Percentage of Investigations Conducted	1.59%	
Other	94	
Percentage of Investigations Conducted	1.58%	

**Investigative Management and Reporting System** 

#### **Summary of Fire Investigation Cases by Percentage**



Fire Causes	Total	
Heaters	75	
Percentage of Investigations Conducted	1.26%	
Albany Burn Notif. Related to a Previous BFI	59	
Percentage of Investigations Conducted	.99%	
Ignitable Liquid/Gas	53	
Percentage of Investigations Conducted	.89%	
Motors	42	
Percentage of Investigations Conducted	.7%	
Natural Sources	31	
Percentage of Investigations Conducted	.52%	
Juvenile Firesetter Community Outreach	22	
Percentage of Investigations Conducted	.37%	
Electronic Devices	17	
Percentage of Investigations Conducted	.28%	
Not Ascertained	7	
Percentage of Investigations Conducted	.12%	
Juvenile Firesetter Follow Up	3	
Percentage of Investigations Conducted	.05%	
Cases Received:	7851	
Preliminary Investigation Only:	1886	
Total Investigations:	5965	

**Investigative Management and Reporting System** 

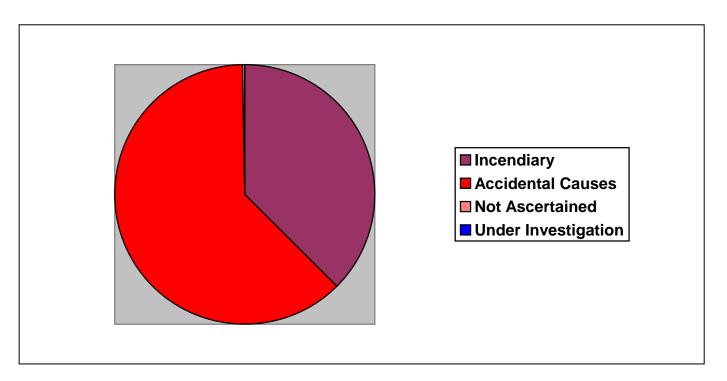


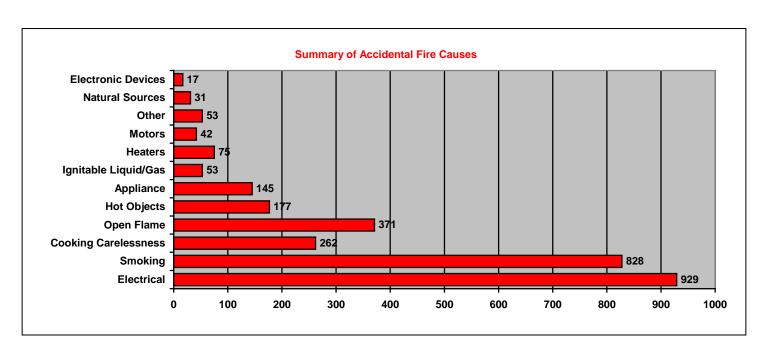
# 2015 Annual Report on Fire Causes



Period: January 1, 2015 through December 31, 2015







**Investigative Management and Reporting System** 

#### **Summary of Fire Causes Investigated by Category**



Cause of Fire Category	Total	
Incendiary	1733	
Percentage of Fire Investigations Conducted	36.67%	
Electrical	929	
Percentage of Fire Investigations Conducted	19.66%	
Smoking	828	
Percentage of Fire Investigations Conducted	17.52%	
Open Flame	371	
Percentage of Fire Investigations Conducted	7.85%	
Cooking Carelessness	262	
Percentage of Fire Investigations Conducted	5.54%	
Hot Objects	177	
Percentage of Fire Investigations Conducted	3.75%	
Appliance	145	
Percentage of Fire Investigations Conducted	3.07%	
Heaters	75	
Percentage of Fire Investigations Conducted	1.59%	
Ignitable Liquid/Gas	53	
Percentage of Fire Investigations Conducted	1.12%	
Other	53	
Percentage of Fire Investigations Conducted	1.12%	
Motors	42	
Percentage of Fire Investigations Conducted	.89%	
Natural Sources	31	
Percentage of Fire Investigations Conducted	.66%	
Electronic Devices	17	
Percentage of Fire Investigations Conducted	.36%	

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes Investigated by Category**



Cause of Fire Category	Total	
Not Ascertained	7	
Percentage of Fire Investigations Conducted	.15%	
Under Investigation	3	
Percentage of Fire Investigations Conducted	.06%	
Fire Coope Bookyadı	6642	
Fire Cases Received:	6612	
Preliminary Investigation Only:	1886	
Total Fire Investigations:	4726	

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes**

For the period 01/01/2015 through 12/31/2015



Fire Category: Appliance

Cause of Fire	Count
Clothes Dryer - Natural Gas	51
Stove - Natural Gas	27
Clothes Dryer	16
Other Appliance	16
Microwave	9
Refrigeration Compressor	9
Clothes Dryer - Electric	7
Stove - Electric	3
Clothes Washer	2
Stove - Wood	2
Washer/Dryer Combo	2
Dishwasher	1
Appliance Total:	145

Fire Category: Cooking Carelessness

Cause of Fire	Count
Food on the Stove	113
Stove/Cooking - Stove	50
Cooking Fire Extending to Clothing or Combustibles	30
Stove/Cooking - Other	27
Barbecue - Wood/Charcoal	16
Rangehood Fire - Ductwork	11
Stove/Cooking - Fryer	5
Stove/Cooking - Electric	4
Stove/Cooking - Toaster Oven	4
Barbecue - Propane	2
Cooking Carelessness Total:	262

Fire Category: Electrical

Cause of Fire	Count	
Electrical Wiring	545	
Extension Cord	94	
Other - Electrical	61	
Vehicle Wiring	44	
Appliance Cord	41	

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes**

For the period 01/01/2015 through 12/31/2015



Fire Category: Electrical

Cause of Fire	Count
Power Strip	36
Lighting Fixture	29
Hard Wire Outlet	22
Feeder Cable	16
Fuse/Circuit Breaker Panel	15
Transformer	9
Service	7
Holiday Lighting	5
Ballast	3
Surge Suppressor	2
Electrical Total:	929

Fire Category: Electronic Devices

Cause of Fire	Count
Computer Component(s)	11
TV	2
Cable/Satellite Equipment	1
DVD/VCR	1
Other Audio Visual Equipment	1
Radio/Stereo	1
Electronic Devices Total:	17

Fire Category: Heaters

Cause of Fire	Count
Portable Heater - Electric	29
Permanent Heater - Gas	14
Permanent Heater - Oil	12
Permanent Heater - Electric	8
Permanent Heater	4
Portable Heater	4
Portable Heater - Kerosene	3
Heaters - Other	1
Heaters Total:	75

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes**

For the period 01/01/2015 through 12/31/2015



Fire Category: Hot Objects

Cause of Fire	Count
Incense	39
Other - Hot Objects	37
Heat from Light Bulb	32
Heat or Sparks from Friction	27
Hot Embers	16
Chimney/Flues	12
Heat From Molten Metal / Slag	8
Heat from an Iron	3
Permanent Heater - Steam Radiator (Pyrolysis)	2
Brands	1
Hot Objects Total:	177

Fire Category: Ignitable

Cause of Fire	Count
Other - Ignitable Liquid/Gas	14
Ignitable Liquids/Gases - Natural Gas	13
Ignitable Liquids/Gases - Gasoline	9
Other - Liquid	6
Ignitable Liquid-Polyurethane/Varnish/PaintThinner	3
Ignitable Liquids/Gases - Pesticide Fogger	3
Ignitable Liquids/Gases - Lighter Fluid	2
Ignitable Liquids/Gases - Fuel Oil	1
Ignitable Liquids/Gases - Propane	1
Other - Gas	1
Ignitable Total:	53

Fire Category: Incendiary

Cause of Fire	Count	
Incendiary - Combustible Material	908	
Incendiary	591	
Incendiary - Ignitable Liquid	180	
Incendiary - Fireworks	18	
Incendiary - Torch - Illegal Use of	15	
Incendiary - Combustible Gas	6	
Incendiary - Reckless Use of Open Flame	6	

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes**

For the period 01/01/2015 through 12/31/2015



#### Fire Category: Incendiary

Cause of Fire	Count
Incendiary - Attempted Arson	3
Incendiary - Explosives	2
Incendiary - Self Immolation	2
Incendiary - Attempted Suicide	1
Incendiary - Suicide	1
Incendiary Total:	1733

#### Fire Category: Motors

Cause of Fire	Count
Motors - Fossil Fuel Powered	12
Other Motor	12
Motors - Fan	7
Motors - Electric	5
Motors - Elevator	5
Motors - Compressors	1
Motors Total:	42

#### Fire Category: Natural Sources

Count
24
4
3
31

#### Fire Category: Open Flame

Cause of Fire	Count	
Candle	133	
Other - Open Flame	87	
Torch - Legal Use of	62	
Child Playing w/Matches/Lighter	41	
Matches/Lighter	30	
Aerosol Can	7	
Child Playing w/ Other Open Flame	6	
Fireplace	5	

**Investigative Management and Reporting System** 

#### **Summary of Fire Causes**



re Category:	Open Flame	
Cause of Fire		Count
Open Flame Tot	al:	371
re Category:	Smoking	
Cause of Fire		Count
Smoking (Cigaret	tte/Cigar)	828
Smoking Total:		828
re Category:	Other	
re Category:	Other	Count
	Other	Count 33
Cause of Fire		<b>Count</b> 33 14
Cause of Fire Other		33
Cause of Fire Other Exothermic Chem		33 14
Other Exothermic Chem Not Ascertained	nical Reaction	33 14 7
Cause of Fire Other Exothermic Chem Not Ascertained Rekindle	nical Reaction	33 14 7 6

**Investigative Management and Reporting System** 



# 2015 Annual Report on Incendiary Fires



**Investigative Management and Reporting System** 

#### **Summary of Incendiary Fires by Borough**



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Bronx	319	9	328	93	44	465
Brooklyn	323	7	330	131	77	538
Manhattan	281	2	283	14	27	324
Queens	118	24	142	104	59	305
Staten Island	38	15	53	14	34	101
Totals:	1079	57	1136	356	241	1733

**Investigative Management and Reporting System** 

#### Summary of Incendiary Fires by Borough and Community Board



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Bronx						
СВ						
01	56	0	56	8	5	69
02	14	1	15	11	2	28
03	48	3	51	9	4	64
04	32	0	32	9	1	42
05	26	0	26	9	3	38
06	29	1	30	6	2	38
07	11	0	11	5	8	24
08	8	0	8	2	0	10
09	44	3	47	12	4	63
10	15	1	16	7	5	28
11	13	0	13	2	0	15
12	23	0	23	13	10	46
Bronx CB Totals	319	9	328	93	44	465

**Investigative Management and Reporting System** 

#### Summary of Incendiary Fires by Borough and Community Board



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Brooklyn						
СВ						
01	44	1	45	8	6	59
02	17	0	17	11	7	35
03	40	0	40	8	4	52
04	5	1	6	8	5	19
05	38	0	38	21	7	66
06	10	0	10	6	4	20
07	3	0	3	5	0	8
08	14	0	14	3	1	18
09	17	3	20	1	3	24
10	7	1	8	6	6	20
11	6	0	6	6	7	19
12	6	0	6	3	2	11
13	22	0	22	3	5	30
14	13	0	13	5	7	25
15	8	1	9	8	4	21
16	26	0	26	9	2	37
17	35	0	35	9	3	47
18	12	0	12	11	4	27
Brooklyn CB Totals	323	7	330	131	77	538

**Investigative Management and Reporting System** 

#### Summary of Incendiary Fires by Borough and Community Board



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Manhattan						
СВ						
01	4	0	4	0	0	4
02	3	0	3	2	2	7
03	52	0	52	0	2	54
04	19	1	20	1	2	23
05	7	0	7	1	3	11
06	8	0	8	0	2	10
07	10	0	10	0	0	10
08	10	0	10	0	2	12
09	29	0	29	0	0	29
10	40	0	40	2	3	45
11	83	0	83	1	3	87
12	16	1	17	7	8	32
Manhattan CB Totals	281	2	283	14	27	324

**Investigative Management and Reporting System** 

#### Summary of Incendiary Fires by Borough and Community Board



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Queens						
СВ						
01	9	0	9	7	4	20
02	5	0	5	4	4	13
03	2	0	2	7	2	11
04	16	3	19	6	5	30
05	1	0	1	9	3	13
06	6	1	7	2	7	16
07	3	3	6	6	6	18
08	7	1	8	7	2	17
09	5	5	10	5	5	20
10	6	0	6	14	0	20
11	4	0	4	2	3	9
12	20	8	28	23	3	54
13	15	3	18	8	8	34
14	19	0	19	4	7	30
Queens CB Totals	118	24	142	104	59	305

**Investigative Management and Reporting System** 

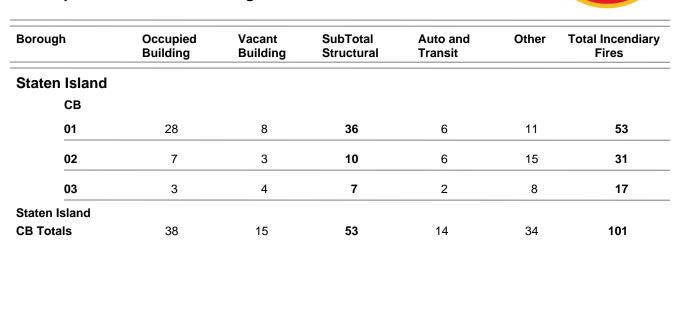
#### Summary of Incendiary Fires by Borough and Community Board

57

For the period 01/01/2015 through 12/31/2015

1079

Grand Total All Boroughs



1136

356

241

1733

**Investigative Management and Reporting System** 



# 2015 Annual Report on Accidental Fires



**Investigative Management and Reporting System** 

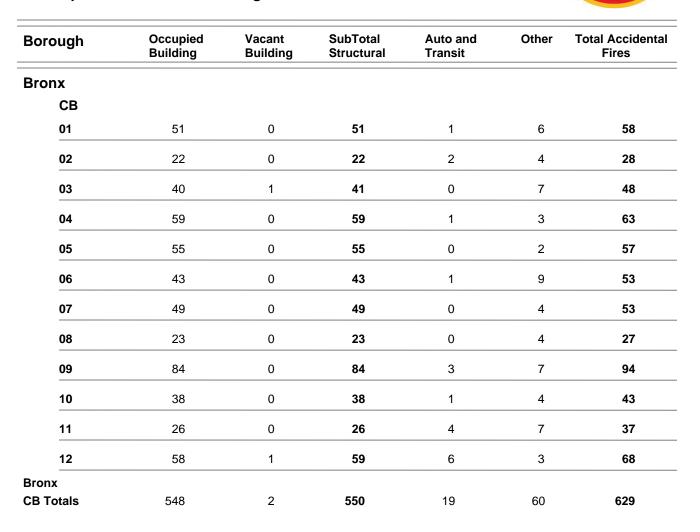
#### **Summary of Accidental Fires by Borough**



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Bronx	548	2	550	19	60	629
Brooklyn	789	8	797	35	82	914
Manhattan	568	2	570	6	62	638
Queens	561	6	567	24	95	686
Staten Island	117	2	119	8	32	159
Totals:	2583	20	2603	92	331	3026

**Investigative Management and Reporting System** 

# Summary of Accidental Fires by Borough and Community Board For the period 01/01/2015 through 12/31/2015



**Investigative Management and Reporting System** 

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Brooklyn						
СВ						
01	72	1	73	0	6	79
02	34	0	34	3	8	45
03	66	0	66	3	4	73
04	31	0	31	2	3	36
05	77	2	79	7	10	96
06	32	1	33	0	4	37
07	30	0	30	1	3	34
08	32	0	32	1	5	38
09	30	0	30	1	2	33
10	41	0	41	2	4	47
11	24	0	24	2	4	30
12	39	0	39	0	4	43
13	34	0	34	0	3	37
14	45	1	46	1	3	50
15	36	0	36	0	5	41
16	40	2	42	2	2	46
17	68	0	68	4	3	75
18	58	1	59	6	9	74
Brooklyn CB Totals	789	8	797	35	82	914

**Investigative Management and Reporting System** 

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Manhattan						
СВ						
01	20	0	20	0	9	29
02	35	0	35	0	4	39
03	60	0	60	0	6	66
04	41	0	41	0	9	50
05	53	1	54	1	8	63
06	38	0	38	0	5	43
07	50	0	50	2	2	54
08	44	0	44	2	3	49
09	48	0	48	0	6	54
10	64	0	64	0	4	68
11	70	1	71	0	4	75
12	45	0	45	1	2	48
Manhattan CB Totals	568	2	570	6	62	638

**Investigative Management and Reporting System** 

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Queens						
СВ						
01	59	0	59	1	9	69
02	22	0	22	4	7	33
03	28	0	28	2	4	34
04	39	0	39	0	4	43
05	30	1	31	0	8	39
06	21	0	21	1	3	25
07	41	0	41	4	11	56
08	47	0	47	3	5	55
09	26	0	26	0	7	33
10	23	0	23	0	5	28
11	20	0	20	1	4	25
12	92	3	95	3	14	112
13	71	0	71	2	6	79
14	42	2	44	3	8	55
Queens CB Totals	561	6	567	24	95	686

**Investigative Management and Reporting System** 

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidenta Fires
Staten Island						
СВ						
01	59	2	61	3	19	83
02	30	0	30	4	7	41
03	28	0	28	1	6	35
Staten Island						
CB Totals	117	2	119	8	32	159
Grand Total All Boroughs	2583	20	2603	92	331	3026

**Investigative Management and Reporting System** 

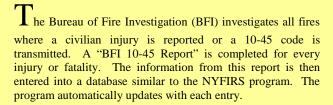


# 2015 Annual Report on Civilian Fire Fatalities



**Period: January 1, 2015 - December 31, 2015** 





All fire deaths are counted in the month and year in which the death occurs, <u>not</u> the month or year in which the fire occurred. If a fire takes place in March and the victim dies in June, the death is recorded in June. If a fire takes place in November and the victim dies the following year in January, the death is recorded in January of the new year.

When a fire victim dies, the Medical Examiner's Office requires a Fire Marshal's report in order to determine the manner of death (accidental, suicide, homicide, other).

In some cases the Medical Examiner will determine that the victim actually died prior to the fire. In that case the victim will <u>not</u> be counted as a fire death. Some examples of this are:

A murder victim is set on fire in an attempt to cover-up the crime—not a fire death.

A victim goes into cardiac arrest while cooking food on the stove that causes a fire—not a fire death.

A victim of an automobile accident where the car bursts into flames—Medical Examiner determines trauma, **not a fire death**.

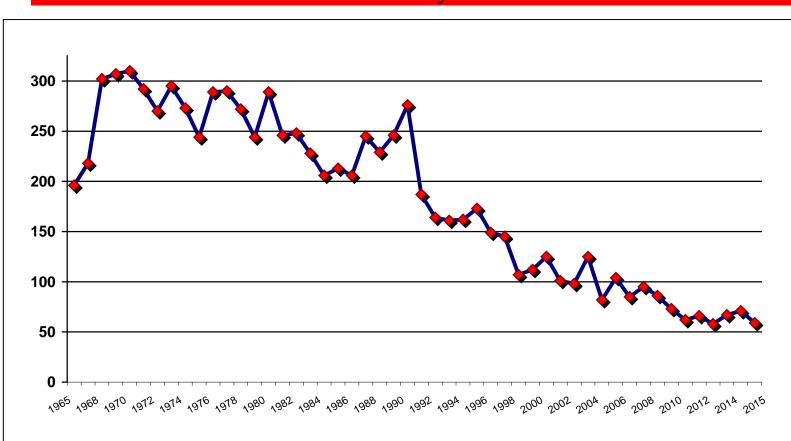
There are also many cases in which a fire death is initially deemed a 10-45 Code 4 (minor injury), and it is only after the Medical Examiner's Office contacts the Bureau of Fire Investigation for the Fire Marshals report that the victim is determined to be a fire death. This occasionally happens when:

A person suffering from smoke inhalation or burns leaves the fire scene before the arrival of medical/fire personnel and then dies elsewhere—fire death.

A person who may live alone and dies as a result of a fire confined to him or herself. The deceased victim is found sometime later by a friend or relative. The call generates a CFR-D or ambulance response—**fire death.** 

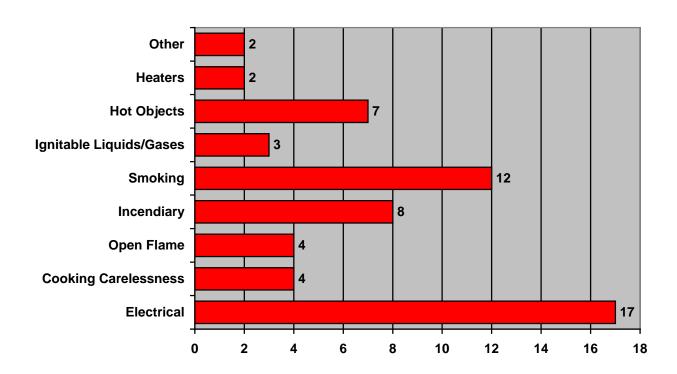
In these times of modern medicine, forensic science and advanced technology, we are confident that all fire deaths are being recorded as such and counted accurately.

### 59 Civilian Fire Deaths In New York City - The Low Trend Still Continues!





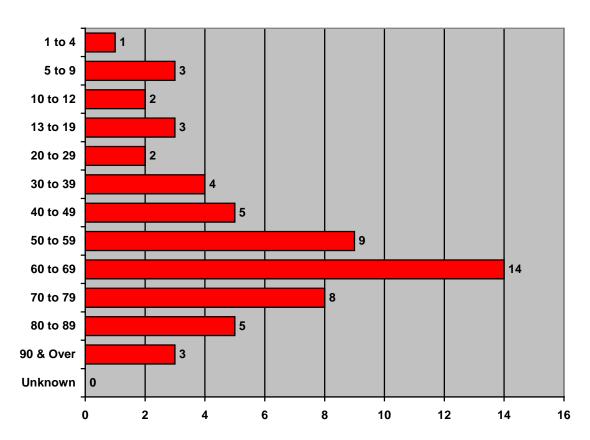
#### **SUMMARY OF FATALITIES, FIRE CAUSES**



Period: January 1, 2015 through December 31, 2015



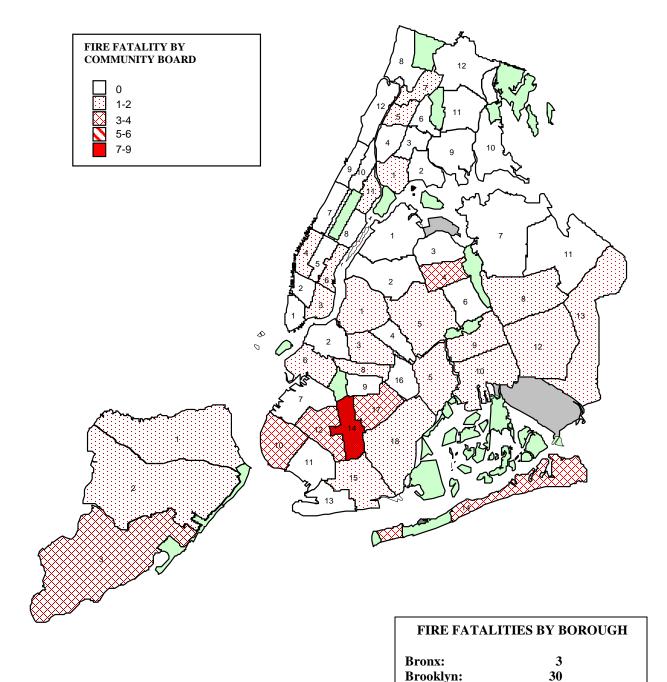
#### **SUMMARY OF FATALITIES BY AGE**



#### Bureau of Fire Investigation Investigative Management and Reporting System FATALATIES BY COMMUNITY BOARD AND BOROUGH

Period: January 1, 2015 through December 31, 2015





Manhattan: Queens:

**Staten Island:** 

**Citywide Total:** 

14

**59** 

**Investigative Management and Reporting System** 

## Fire Fatalities by Borough



		Calendar Year								
Borough	2010	2011	2012	2013	2014	2015				
Bronx	8	19	18	19	9	3				
Brooklyn	22	24	16	17	22	30				
Manhattan	9	12	9	11	25	6				
Queens	14	10	12	18	15	14				
Staten Island	9	1	3	2	0	6				
Totals	62	66	58	67	71	59				

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Fatalities by Cause**



	Calendar Year						
Cause of Fire	2010	2011	2012	2013	2014	2015	
Other Appliance (AP)	1	1	1	3			
Stove - Natural Gas (AP)			2				
Cooking Fire Extending to Clothing or Combustibles (CC)	6	3	3	3	3		
Food on the Stove (CC)				1	3		
Stove/Cooking - Other (CC)		1			2		
Stove/Cooking - Stove (CC)	1	3	2	2	3	4	
Stove/Cooking - Toaster Oven (CC)		1					
Appliance Cord (EC)	1		1	1	1	2	
Ballast (EC)						1	
Electrical Wiring (EC)	6	6	8	9	10	9	
Extension Cord (EC)	4	1	3	1	4	4	
Other - Electrical (EC)		1	1	3	2	1	
Power Strip (EC)		1	2	1			
Vehicle Wiring (EC)	1			1			
Radio/Stereo (ED)	1		1				
Heat from Light Bulb (HO)	3		1				
Heat or Sparks from Friction (HO)	1		1				
Incense (HO)		1		1			
Other - Hot Objects (HO)	1	3		2	1	7	

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Fatalities by Cause**



			Calend	ar Year		
Cause of Fire	2010	2011	2012	2013	2014	2015
Permanent Heater - Electric (HT)	1					
Permanent Heater - Gas (HT)	1					
Portable Heater - Electric (HT)		1	1	2		2
Ignitable Liquids/Gases - Gasoline (IG)	1				1	
Ignitable Liquids/Gases - Lighter Fluid (IG)					1	
Ignitable Liquids/Gases - Natural Gas (IG)					8	2
Ignitable Liquids/Gases - Propane (IG)	1					
Other - Ignitable Liquid/Gas (IG)				1	1	
Other - Liquid (IG)			2			1
Incendiary (IN)	2		1		1	1
Incendiary - Attempted Suicide (IN)			1			1
Incendiary - Combustible Material (IN)	5	1	2	4	1	
Incendiary - Ignitable Liquid (IN)	5	5	3		1	3
Incendiary - Reckless Use of Open Flame (IN)	1					
Incendiary - Self Immolation (IN)		1		2		2
Incendiary - Suicide (IN)	1	1	2	1	1	1
Motors - Fossil Fuel Powered (MT)					1	
Candle (OF)	2	9	1	11	3	1
Child Playing w/Matches/Lighter (OF)	2	4		1	2	

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Fatalities by Cause**



	Calendar Year							
Cause of Fire	2010	2011	2012	2013	2014	2015		
Fireplace (OF)					1	1		
Matches/Lighter (OF)	1	1	2	1	1			
Other - Open Flame (OF)	2	5		3	5	2		
Not Ascertained (OT)		1	4		2	2		
Other (OT)				1				
Smoking (Cigarette/Cigar) (SM)	11	15	13	12	12	12		
Grand Total All Causes	62	66	58	67	71	59		

**Investigative Management and Reporting System** 

## Fire Fatalities by Category & Cause

For the period 01/01/2015 through 12/31/2015

Ignitable Total:



Fire Category:	Cooking Carelessness		
Cause of Fire		Count	
Stove/Cooking -	Stove	4	
Cooking Carele	ssness Total:	4	
Fire Category:	Electrical		
Cause of Fire		Count	
Electrical Wiring		9	
Extension Cord		4	
Appliance Cord		2	
Ballast		1	
Other - Electrica		1	
Electrical Total:	:	17	
Fire Category:	Heaters		
Cause of Fire		Count	
Portable Heater	- Electric	2	
Heaters Total:		2	
Fire Category:	Hot Objects		
Cause of Fire		Count	
Other - Hot Obje	cts	7	
Hot Objects Tot	tal:	7	
Fire Category:	Ignitable		
Cause of Fire		Count	
Ignitable Liquids	/Gases - Natural Gas	2	
Other - Liquid		1	

3

**Investigative Management and Reporting System** 

## Fire Fatalities by Category & Cause



Count	
3	
2	
1	
1	
1	
8	
Count	
2	
1	
1	
4	
Count	
2	
2	
Count	
12	
12	
59	
	3 2 1 1 1 1 8  Count 2 1 1 4  Count 2 2 2 1 1 1 4  Count 12 12 12

**Investigative Management and Reporting System** 

## Fire Fatalities by Borough & Type of Injury



Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
0	3	1	3	1	8
0	0	0	2	0	2
2	4	0	1	0	7
1	21	3	8	5	38
0	2	2	0	0	4
3	30	6	14	6	59
	0 0 2 1	0 3 0 0 2 4 1 21 0 2	0     3     1       0     0     0       2     4     0       1     21     3       0     2     2	0     3     1     3       0     0     0     2       2     4     0     1       1     21     3     8       0     2     2     0	0     3     1     3     1       0     0     0     2     0       2     4     0     1     0       1     21     3     8     5       0     2     2     0     0

**Investigative Management and Reporting System** 

## Fire Fatalities by CB and Borough

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island
01	1	2	0	0	1
02	0	0	0	0	2
03	0	2	2	0	3
04	0	0	1	3	
05	1	2	0	1	
06	0	1	2	0	
07	1	0	0	0	
08	0	1	0	1	
09	0	0	0	1	
10	0	3	0	1	
11	0	0	1	0	
12	0	3	0	2	
13		0		1	
14		9		4	
15		1			
16		0			
17		4			
18		2			
Sum Total:	3	30	6	14	6

**Total Fire Fatalities: 59** 

**Investigative Management and Reporting System** 

## **Monthly Fire Fatalities by Borough**

For the period 01/01/2015 through 12/31/2015



#### For Calendar Year 2015

		Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
January	2015	0	2	0	5	0	7
February	2015	1	2	1	1	1	6
March	2015	0	8	2	1	2	13
April	2015	0	0	0	1	1	2
May	2015	0	0	0	0	1	1
July	2015	0	1	0	0	0	1
August	2015	1	1	1	3	0	6
September	2015	1	2	2	0	1	6
October	2015	0	6	0	2	0	8
November	2015	0	2	0	1	0	3
December	2015	0	6	0	0	0	6
Totals		3	30	6	14	6	59

**Investigative Management and Reporting System** 

## Fire Fatalities by Hour of Occurrence and Borough

For the period 01/01/2015 through 12/31/2015



#### For Calendar Year 2015

Hours	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
0000 - 0059	0	9	1	1	0	11
0100 - 0159	0	4	0	1	0	5
0200 - 0259	0	1	0	0	1	2
0300 - 0359	1	2	0	1	0	4
0400 - 0459	0	1	0	1	0	2
0500 - 0559	0	2	1	0	0	3
0600 - 0659	0	0	0	1	0	1
0700 - 0759	0	0	0	0	0	0
0800 - 0859	0	0	0	0	0	0
0900 - 0959	0	0	0	1	0	1
1000 - 1059	0	1	0	0	1	2
1100 - 1159	0	0	0	0	0	0
1200 - 1259	0	0	0	1	0	1
1300 - 1359	0	2	0	3	1	6
1400 - 1459	1	0	1	0	0	2
1500 - 1559	0	1	2	0	1	4
1600 - 1659	0	0	1	0	0	1
1700 - 1759	0	0	0	0	0	0
1800 - 1859	0	1	0	0	0	1
1900 - 1959	0	0	0	0	0	0
2000 - 2059	1	1	0	0	0	2
2100 - 2159	0	5	0	0	0	5
2200 - 2259	0	0	0	0	2	2
2300 - 2359	0	0	0	4	0	4
Unknown	0	0	0	0	0	0
Totals	3	30	6	14	6	59

**Investigative Management and Reporting System** 

## Fire Fatalities by Race/Ethnicity and Occupancy

For the period 01/01/2015 through 12/31/2015



Occupancy Type	Caucasian	African American	Asian	Hispanic	Unknown
Burn Notification	0	0	1	0	0
<b>Commercial Structure</b>	1	1	0	2	0
MD Residential Structure	12	10	2	3	0
Other	1	0	0	0	0
PD Residential Structure	13	8	0	2	2
Vehicle	0	0	0	0	1
Sub-Totals:	27	19	3	7	3

**Total Fire Fatalities:** 59

**Investigative Management and Reporting System** 

## Fire Fatalities by Age and Gender



/ictim Age	Female	Male	Total
1-04	1	0	1
<b>05-09</b>	1	2	3
0-12	0	2	2
3-19	2	1	3
0-29	0	2	2
0-39	4	0	4
0-49	1	4	5
)-59	3	6	9
)-69	7	7	14
)-79	5	3	8
0-89	3	2	5
0-Over	2	1	3
nknown	0	0	0
OTALS	29	30	59

**Investigative Management and Reporting System** 

#### Fire Fatalities Related to Vehicles

For the period 01/01/2015 through 12/31/2015



Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Incendiary - Attempted Suicide	1	
Incendiary Total:	1	
nd Total:	1	0

Of the 1 Fire Fatalities related to vehicles, 0 were the result of Motor Vehicle Accidents.

**Investigative Management and Reporting System** 

### **Smoke Detectors and Civilian Fire Fatalities**



For Calendar Year 2015	Smoke Detector Present:	19
	Working: 11	
	Not Present:	9
	Not Applicable:	1
	Present Unknown if Operational:	21
	Unknown:	9
	Total:	59
For Calendar Year 2014	Smoke Detector Present:	24
	Working: 18	
	Not Present:	16
	Not Applicable:	3
	Present Unknown if Operational:	11
	Unknown:	17
	Total:	71
For Calendar Year 2013	Smoke Detector Present:	23
	Working: 14	
	Not Present:	24
	Not Applicable:	4
	Present Unknown if Operational:	6
	Unknown:	10
	Total:	67
For Calendar Year 2012	Smoke Detector Present:	27
	Working: 15	
	Not Present:	10
	Not Applicable:	1
	Present Unknown if Operational:	15
	Unknown:	5
	Total:	58
For Calendar Year 2011	Smoke Detector Present:	29
	Working: 17	
	Not Present:	9
	Not Applicable:	1
	i tot i tppii dabio:	
		12
	Present Unknown if Operational: Unknown:	12 15

**Investigative Management and Reporting System** 



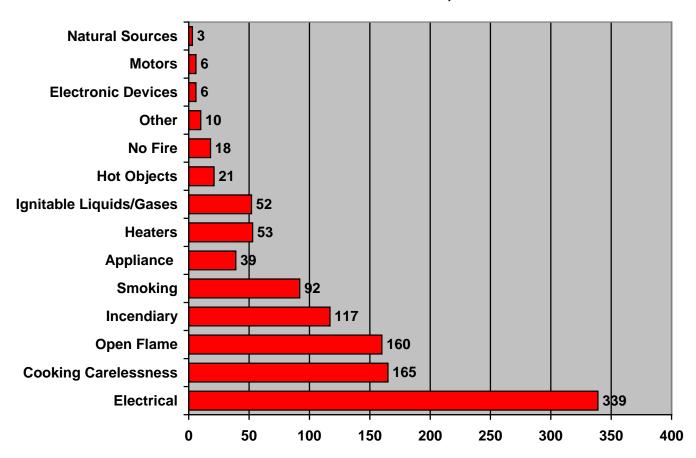
# 2015 Annual Report on Civilian Fire Injuries



Period: January 1, 2015 through December 31, 2015

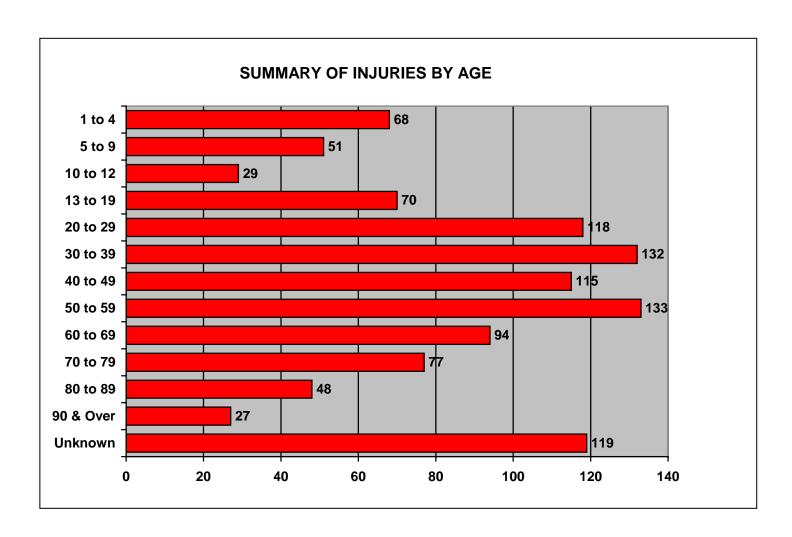


#### **SUMMARY OF INJURIES, FIRE CAUSES**



Period: January 1, 2015 through December 31, 2015

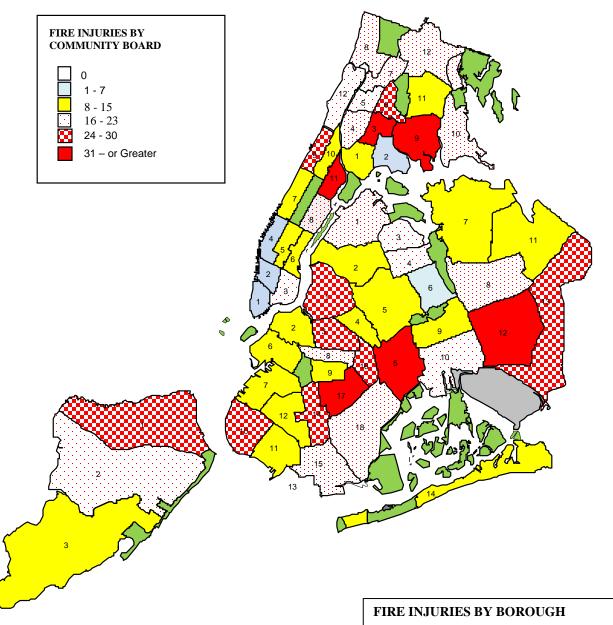




#### Bureau of Fire Investigation Investigative Management and Reporting System INJURIES BY COMMUNITY BOARD AND BOROUGH

Period: January 1, 2015 through December 31, 2015





Bronx:	252
Brooklyn:	363
Manhattan:	175
Queens:	229
Staten Island:	62
~	4 004

Citywide Total: 1,081

**Investigative Management and Reporting System** 

## Fire Injuries by Borough



	Calendar Year							
Borough	2010	2011	2012	2013	2014	2015		
Bronx	195	193	186	234	180	252		
Brooklyn	313	325	199	278	351	363		
Manhattan	189	209	217	204	177	175		
Queens	244	204	220	255	202	229		
Staten Island	59	57	31	46	67	62		
Totals	1000	988	853	1017	977	1081		

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Injuries by Cause**



			Calend	dar Year		
Cause of Fire	2010	2011	2012	2013	2014	2015
Clothes Dryer (AP)	3	7	2	2		1
Clothes Dryer - Electric (AP)	1	1		3		6
Clothes Dryer - Natural Gas (AP)	4	6	19	10	9	11
Coffee Pot (AP)	2					
Dishwasher (AP)				1		2
Microwave (AP)	5	1	2		1	1
Other Appliance (AP)	12	16	9	18	9	2
Refrigeration Compressor (AP)	3		1	1	1	7
Stove - Natural Gas (AP)	18	10	13	20	13	9
Stove - Electric (AP)			1	1		
Stove - Propane (AP)	1		1			
Barbecue - Propane (CC)	2	1		2		1
Barbecue - Wood/Charcoal (CC)	1	3	1			
Cooking Fire Extending to Clothing or Combustibles (CC)	5	7	7	8	10	19
Food on the Stove (CC)	47	33	37	51	69	90
Rangehood Fire - Ductwork (CC)	1				1	3
Stove/Cooking - Electric (CC)	5	3	3	4	3	2
Stove/Cooking - Fryer (CC)	3	13	2	11	7	3
Stove/Cooking - Other (CC)	18	16	8	17	10	10

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Injuries by Cause**



Cause of Fire	Calendar Year						
	2010	2011	2012	2013	2014	2015	
Stove/Cooking - Stove (CC)	64	101	73	30	33	32	
Stove/Cooking - Toaster Oven (CC)	1					5	
Appliance Cord (EC)	20	25	16	19	11	19	
Ballast (EC)			1	1		3	
Electrical Wiring (EC)	164	138	125	178	197	189	
Extension Cord (EC)	67	40	40	63	54	55	
Feeder Cable (EC)	1	1	10	13	6	2	
Fuse/Circuit Breaker Panel (EC)	7	4	4	2	19	3	
Hard Wire Outlet (EC)	5	5	7	9	2	6	
Holiday Lighting (EC)			1			5	
Lighting Fixture (EC)	14	18	19	8	4	7	
Other - Electrical (EC)	25	12	28	20	29	27	
Power Strip (EC)	7	17	14	17	22	17	
Service (EC)	6		3	1	1	1	
Surge Suppressor (EC)		6					
Transformer (EC)			24			1	
Vehicle Wiring (EC)	1				3	4	
Computer Component(s) (ED)				1	6	5	
DVD/VCR (ED)						1	

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Injuries by Cause**



Cause of Fire	Calendar Year							
	2010	2011	2012	2013	2014	2015		
Other Audio Visual Equipment (ED)				2				
Radio/Stereo (ED)	1	1						
TV (ED)	2	1	3		1			
Brands (HO)		2						
Chimney/Flues (HO)		1	1		6			
Heat From Molten Metal / Slag (HO)					7			
Heat from Light Bulb (HO)	23	13	12	8	4	6		
Heat from an Iron (HO)	1							
Heat or Sparks from Friction (HO)	3	4	3		1	2		
Hot Embers (HO)	1	2	6			1		
Incense (HO)	4	6	5	11	16	3		
Other - Hot Objects (HO)	11	6	2	16	16	9		
Heaters - Other (HT)				1	2			
Permanent Heater (HT)	1	2			1	1		
Permanent Heater - Electric (HT)		1	2	1	1	9		
Permanent Heater - Gas (HT)	3	1	2	1	8	2		
Permanent Heater - Oil (HT)	2	1	3	3	8	3		
Portable Heater (HT)	5	17	3			4		
Portable Heater - Electric (HT)	18	15	2	15	13	34		

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Injuries by Cause**



Cause of Fire	Calendar Year							
	2010	2011	2012	2013	2014	2015		
Portable Heater - Kerosene (HT)				1				
Ignitable Liquid- Polyurethane/Varnish/PaintThinner (IG)	2	4	1	1	6	1		
Ignitable Liquids/Gases - Fuel Oil (IG)	2	2	1					
Ignitable Liquids/Gases - Gasoline (IG)	4	3	21	6	6	5		
Ignitable Liquids/Gases - Lighter Fluid (IG)	1	1			1	1		
Ignitable Liquids/Gases - Natural Gas (IG)	10	3		15	38	30		
Ignitable Liquids/Gases - Pesticide Fogger (IG)	2	1	1	9		1		
Ignitable Liquids/Gases - Propane (IG)	3	7	2	1		2		
Other - Gas (IG)		5	3	1	3	1		
Other - Ignitable Liquid/Gas (IG)	14	7	4	1	10	7		
Other - Liquid (IG)	1	4	2	1	2	4		
Incendiary (IN)	14	30	15	25	12	48		
Incendiary - Attempted Suicide (IN)	1	1		2	1			
Incendiary - Combustible Material (IN)	53	80	39	58	68	52		
Incendiary - Fireworks (IN)	2		1	2		3		
Incendiary - Ignitable Liquid (IN)	19	12	15	18	2	11		
Incendiary - Reckless Use of Open Flame (IN)	2	3						
Incendiary - Self Immolation (IN)		1	1	1	1			
Incendiary - Suicide (IN)				1				

**Investigative Management and Reporting System** 

## **Annual Comparison of Fire Injuries by Cause**



Cause of Fire	Calendar Year							
	2010	2011	2012	2013	2014	2015		
Incendiary - Torch - Illegal Use of (IN)	1	1		1		3		
Motors - Compressors (MT)	4							
Motors - Electric (MT)			1		1			
Motors - Elevator (MT)	1				1			
Motors - Fan (MT)	3	1	4			2		
Motors - Fossil Fuel Powered (MT)			1	1	1	3		
Other Motor (MT)			1	1		1		
Carbon Monoxide Incident (NF)			2	1		1		
Electrocution - Electrical Burns to Person (NF)			3	4	3	1		
Fireworks Related (NF)					1	5		
Other - No Fire (NF)	11	14	8	11	4	11		
Lightning (NS)			2					
Spontaneous Combustion (NS)	1	2	2		1	3		
Aerosol Can (OF)	1	3	6	9	3	9		
Candle (OF)	79	79	64	112	67	64		
Child Playing w/ Other Open Flame (OF)	9	9	3	7	12	2		
Child Playing w/Matches/Lighter (OF)	42	27	27	49	21	31		
Fireplace (OF)	1				2	5		
Matches/Lighter (OF)	21	17	13	12	2	22		

**Investigative Management and Reporting System** 

#### **Annual Comparison of Fire Injuries by Cause**

For the period 01/01/2010 through 12/31/2015



Cause of Fire		Calendar Year				
	2010	2011	2012	2013	2014	2015
Other - Open Flame (OF)	8	12	13	16	13	21
Torch - Legal Use of (OF)	6	3	5	9	3	6
Albany Burn Notif. Unrelated to a Fire/Explo	sion	1				
Exothermic Chemical Reaction (OT)		2	3	1		3
Not Ascertained (OT)	2	2	3		2	2
Other (OT)	2	1	1	2	1	5
Smoking (Cigarette/Cigar) (SM)	90	93	70	69	85	92
Grand Total All Causes	1000	988	853	1017	977	1081

**Investigative Management and Reporting System** 

#### Fire Injuries by Category & Cause

For the period 01/01/2015 through 12/31/2015



e Category: Appliance	
Cause of Fire	Count
Clothes Dryer - Natural Gas	11
Stove - Natural Gas	9
Refrigeration Compressor	7
Clothes Dryer - Electric	6
Dishwasher	2
Other Appliance	2
Clothes Dryer	1
Microwave	1
Appliance Total:	39

Fire Category: Cooking Carelessness

Cause of Fire	Count
Food on the Stove	90
Stove/Cooking - Stove	32
Cooking Fire Extending to Clothing or Combustibles	19
Stove/Cooking - Other	10
Stove/Cooking - Toaster Oven	5
Rangehood Fire - Ductwork	3
Stove/Cooking - Fryer	3
Stove/Cooking - Electric	2
Barbecue - Propane	1
Cooking Carelessness Total:	165

Fire Category: Electrical

Cause of Fire	Count	
Electrical Wiring	189	
Extension Cord	55	
Other - Electrical	27	
Appliance Cord	19	
Power Strip	17	
Lighting Fixture	7	
Hard Wire Outlet	6	
Holiday Lighting	5	
Vehicle Wiring	4	
Ballast	3	

**Investigative Management and Reporting System** 

#### Fire Injuries by Category & Cause

For the period 01/01/2015 through 12/31/2015



Category: Electrical	
Cause of Fire	Count
Fuse/Circuit Breaker Panel	3
Feeder Cable	2
Service	1
Transformer	1
Electrical Total:	339

Fire Category: Electronic Devices

Cause of Fire	Count
Computer Component(s)	5
DVD/VCR	1
Electronic Devices Total:	6

Fire Category: Heaters

Cause of Fire	Count
Portable Heater - Electric	34
Permanent Heater - Electric	9
Portable Heater	4
Permanent Heater - Oil	3
Permanent Heater - Gas	2
Permanent Heater	1
Heaters Total:	53

Fire Category: Hot Objects

Cause of Fire	Count
Other - Hot Objects	9
Heat from Light Bulb	6
Incense	3
Heat or Sparks from Friction	2
Hot Embers	1
Hot Objects Total:	21

**Investigative Management and Reporting System** 

#### Fire Injuries by Category & Cause

For the period 01/01/2015 through 12/31/2015



e Category: Ignitable	
Cause of Fire	Count
Ignitable Liquids/Gases - Natural Gas	30
Other - Ignitable Liquid/Gas	7
Ignitable Liquids/Gases - Gasoline	5
Other - Liquid	4
Ignitable Liquids/Gases - Propane	2
Ignitable Liquid-Polyurethane/Varnish/PaintThinner	1
Ignitable Liquids/Gases - Lighter Fluid	1
Ignitable Liquids/Gases - Pesticide Fogger	1
Other - Gas	1
Ignitable Total:	52

#### Fire Category: Incendiary

Cause of Fire	Count
Incendiary - Combustible Material	52
Incendiary	48
Incendiary - Ignitable Liquid	11
Incendiary - Fireworks	3
Incendiary - Torch - Illegal Use of	3
Incendiary Total:	117

#### Fire Category: Motors

Cause of Fire	Count
Motors - Fossil Fuel Powered	3
Motors - Fan	2
Other Motor	1
Motors Total:	6

#### Fire Category: Natural Sources

Cause of Fire	Count	
Spontaneous Combustion	3	
Natural Sources Total:	3	

**Investigative Management and Reporting System** 

#### Fire Injuries by Category & Cause

For the period 01/01/2015 through 12/31/2015



Category: No Fire	
Cause of Fire	Count
Other - No Fire	11
Fireworks Related	5
Carbon Monoxide Incident	1
Electrocution - Electrical Burns to Person	1
No Fire Total:	18

Fire Category: Open Flame

Cause of Fire	Count
Candle	64
Child Playing w/Matches/Lighter	31
Matches/Lighter	22
Other - Open Flame	21
Aerosol Can	9
Torch - Legal Use of	6
Fireplace	5
Child Playing w/ Other Open Flame	2
Open Flame Total:	160

Fire Category: Other

Cause of Fire	Count
Other	5
Exothermic Chemical Reaction	3
Not Ascertained	2
Other Total:	10

Fire Category: Smoking

Cause of Fire	Count
Smoking (Cigarette/Cigar)	92
Smoking Total:	92

Grand Total:	1081

**Investigative Management and Reporting System** 

## Fire Injuries by Borough & Type of Injury

For the period 01/01/2015 through 12/31/2015



Injury	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
Burns	39	45	24	44	17	169
Carbon Monoxide	3	3	0	1	2	9
Other	14	13	13	20	3	63
RMA	26	43	15	16	11	111
Smoke	156	218	94	127	26	621
Smoke/Burns	10	23	14	20	2	69
Trauma	4	18	15	1	0	38
Sub-Totals:	252	363	175	229	62	1081

**Investigative Management and Reporting System** 

#### Fire Injuries by CB and Borough

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island
01	12	25	5	23	26
02	10	13	7	8	21
03	35	28	21	18	15
04	22	11	6	20	
05	19	51	9	14	
06	26	9	13	7	
07	16	10	9	15	
08	20	23	16	17	
09	44	11	28	12	
10	21	30	13	19	
11	8	10	32	8	
12	19	8	16	32	
13		6		24	
14		19		12	
15		22			
16		25			
17		43			
18		19			
Sub-Total:	252	363	175	229	62

Total Fire Injuries: 1

1081

**Investigative Management and Reporting System** 

### **Monthly Fire Injuries by Borough**

For the period 01/01/2015 through 12/31/2015



For Calendar Year 2015

		Bronx	Brooklyn	Manhattan	Queens	Staten Island	Total
January	2015	32	43	19	32	2	128
February	2015	13	45	15	37	10	120
March	2015	27	32	34	15	3	111
April	2015	25	50	17	7	2	101
May	2015	34	18	13	12	7	84
June	2015	20	17	14	17	1	69
July	2015	17	42	7	19	6	91
August	2015	22	19	11	11	0	63
September	2015	12	20	2	10	6	50
October	2015	6	33	20	15	10	84
November	2015	18	16	9	26	3	72
December	2015	26	28	14	28	12	108
Totals		252	363	175	229	62	1081

Investigative Management and Reporting System

#### Fire Injuries by Hour of Occurrence and Borough

For the period 01/01/2015 through 12/31/2015



For Calendar	Year 2015
Hours	Bron

Hours	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
0000 - 0059	3	28	11	6	3	51
0100 - 0159	4	17	1	11	1	34
0200 - 0259	7	6	1	3	0	17
0300 - 0359	7	26	8	13	2	56
0400 - 0459	17	33	5	19	0	74
0500 - 0559	5	11	3	12	1	32
0600 - 0659	12	7	0	3	0	22
0700 - 0759	2	13	5	5	2	27
0800 - 0859	6	6	8	12	1	33
0900 - 0959	7	9	7	5	0	28
1000 - 1059	7	28	13	6	2	56
1100 - 1159	14	18	4	9	2	47
1200 - 1259	1	12	2	12	4	31
1300 - 1359	15	20	7	9	4	55
1400 - 1459	21	10	7	10	4	52
1500 - 1559	4	9	18	10	10	51
1600 - 1659	21	5	5	10	1	42
1700 - 1759	12	26	8	12	2	60
1800 - 1859	11	9	11	8	3	42
1900 - 1959	9	10	9	9	3	40
2000 - 2059	13	10	7	13	2	45
2100 - 2159	21	19	8	11	5	64
2200 - 2259	15	9	13	12	0	49
2300 - 2359	18	22	14	9	10	73
Unknown	0	0	0	0	0	0
Totals	252	363	175	229	62	1081

**Investigative Management and Reporting System** 

## Fire Injuries by Race/Ethnicity and Occupancy

For the period 01/01/2015 through 12/31/2015



Occupancy Type	Caucasian	African American	Asian	Hispanic	American Indian	Unknown
Boat	2	0	0	0	0	0
Brush	2	0	0	1	0	0
<b>Burn Notification</b>	1	3	0	2	0	1
Commercial Structure	18	7	11	14	0	3
Construction Vehicle	1	0	0	0	0	0
Garage/Shed	4	0	0	2	0	0
<b>Government Structure</b>	1	0	0	0	0	3
<b>Group Home</b>	1	0	0	0	0	0
MD Residential Structure	123	226	22	194	0	64
Manhole	3	8	0	0	0	1
No Fire	0	1	0	1	0	0
Other	4	9	0	4	0	0
Outside Rubbish	2	1	1	0	0	0
PD Residential Structure	88	113	31	72	0	20
Religious Structure	0	0	1	0	0	0
School	3	0	0	1	0	0
Street	4	0	0	0	0	0
Vehicle	0	4	0	2	0	1
Sub-Totals:	257	372	66	293	0	93

Total Fire Injuries: 1081

**Investigative Management and Reporting System** 

#### Fire Injuries by Age and Gender

For the period 01/01/2015 through 12/31/2015



Victim Age	Female	Male	Unknown	Total
01-04	33	35	0	68
05-09	21	30	0	51
10-12	11	18	0	29
13-19	30	40	0	70
20-29	64	54	0	118
30-39	60	72	0	132
40-49	59	56	0	115
50-59	70	63	0	133
60-69	54	40	0	94
70-79	44	33	0	77
80-89	31	17	0	48
90-Over	18	9	0	27
Unknown	56	57	6	119
TOTALS	551	524	6	1081

**Investigative Management and Reporting System** 

## Fire Injuries Related to Vehicles

For the period 01/01/2015 through 12/31/2015



ΕI	ectric	al
_	~~	u.

Cause of Fire	Vehicle Fires	<b>Motor Vehicle Accidents</b>
Vehicle Wiring	3	
Electrical Total:	3	

#### Ignitable

Cause of Fire	Vehicle Fires	<b>Motor Vehicle Accidents</b>	
Other - Ignitable Liquid/Gas	1	1	
Ignitable Total:	1		

#### Incendiary

Cause of Fire	Vehicle Fires	<b>Motor Vehicle Accidents</b>	
Incendiary - Combustible Material	2	1	
Incendiary Total:	2		

#### **Motors**

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Motors - Fossil Fuel Powered	2	2
Motors Total:	2	

#### Other

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Other	3	3
Other Total:	3	

#### **Smoking**

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents	
Smoking (Cigarette/Cigar)	1	1	
Smoking Total:	1		

**Investigative Management and Reporting System** 

#### Fire Injuries Related to Vehicles

For the period 01/01/2015 through 12/31/2015



Grand Total:	12	8

Of the 12 Fire Injuries related to vehicles, 8 were the result of Motor Vehicle Accidents.

**Investigative Management and Reporting System** 

## **Smoke Detectors and Civilian Fire Injuries**

For the period 01/01/2011 through 12/31/2015



For Calendar Year 2015	Smoke Detector Present:	498
	Working: 394	
	Not Present:	132
	Not Applicable:	59
	Present Unknown if Operational:	165
	Unknown:	227
	Total:	1081
For Calendar Year 2014	Smoke Detector Present:	455
	Working: 340	
	Not Present:	122
	Not Applicable:	46
	Present Unknown if Operational:	147
	Unknown:	207
	Total:	977
For Calendar Year 2013	Smoke Detector Present:	492
1 or Galorida. 1 od. 2010	Working: 362	
	Not Present:	115
	Not Applicable:	47
	Present Unknown if Operational:	108
	Unknown:	255
	Total:	1017
For Calendar Year 2012	Smoke Detector Present:	418
	Working: 308	
	Not Present:	110
	Not Applicable:	39
	Present Unknown if Operational:	83
	Unknown:	203
	Total:	853
For Calendar Year 2011	Smoke Detector Present:	437
	Working: 308	
	Not Present:	152
	Not Applicable:	43
	Present Unknown if Operational:	108
	Unknown:	247
	Total:	988
	i Oldi.	300

**Investigative Management and Reporting System** 



# 2015 Annual Report on Arrests



**Investigative Management and Reporting System** 

### **Arrest Summary Report**

For the period 01/01/2015 through 12/31/2015



Total Arrests Recorded at B.F.I.				345
Arrests by Bureau of Fire Investigation	n:			
Bureau of Fire Investigation	Arrests	Total:	255	
Fire Related	116			
Arson	70			
MFA	20			
Arson Related	17			
Other	17			
Fireworks Arrest	15			
Other Law Enforcement Arre	sts	Total:	90	
Other (BFI Assist)	55			
Arson (BFI Assist)	23			
Arson Related Arrest	11			
Arson (No BFI Assist)	1			
Total BFI Arrests and Assists	<u> </u>		345	
All BFI Arrests		255		
Other L/E Arrests - BFI Ass	sisting	90		
otal Summons:				2
Summons	2			
discellaneous Information:				
Arrests involving Auto Fires	S		34	
Juvenile Arrests, under sixt	een years	of age	20	
Referrals to the Juvenile Ur	-	_		
Arrests as a result of New				
Arrests by City Wide SIU				
Arrests by Headquarters CI				
Arrests Involving Fireworks	3		18	

**Investigative Management and Reporting System** 

### BFI Arrests and Assists to L/E by CB and Borough

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	3	5	6	8	6	
02	4	15	7	5	4	
03	10	13	9	6	8	
04	7	2	3	6		
05	6	9	8	3		
06	12	5	7	3		
07	6	6	1	2		
08	1	6	5	1		
09	8	6	8	1		
10	4	4	3	3		
11	8	3	3	0		
12	4	6	10	9		
13		1		9		
14		5		3		
15		6				
16		11				
17		13				
18		9				
Sum Total:	73	125	70	59	18	0

**Investigative Management and Reporting System** 

### **BFI Arrests by Borough**

For the period 01/01/2015 through 12/31/2015



Arrest Type	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
Arson	16	39	12	13	7	0
MFA	7	7	4	1	1	0
Other	1	13	0	3	0	0
Fire Related	25	38	30	20	3	0
Fireworks Arrest	0	0	10	2	3	0
Totals	49	97	56	39	14	0

**Investigative Management and Reporting System** 

#### **BFI Arrests by CB and Borough**

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	2	4	6	4	5	
02	3	10	5	2	4	
03	6	10	9	5	5	
04	2	1	3	5		
05	3	7	5	3		
06	9	5	7	3		
07	5	6	1	2		
08	1	5	5	1		
09	5	2	4	1		
10	4	4	2	3		
11	6	3	3	0		
12	3	5	6	5		
13		1		5		
14		5		0		
15		5				
16		4				
17		12				
18		8				
Sum Total:	49	97	56	39	14	0

**Investigative Management and Reporting System** 

### **BFI Arson Arrests by CB and Borough**

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	0	1	0	1	0	
02	3	3	3	0	3	
03	2	2	0	0	4	
04	0	1	0	1		
05	0	5	1	2		
06	3	2	1	3		
07	0	3	1	0		
08	0	2	1	0		
09	2	1	2	1		
10	1	3	1	0		
11	4	0	2	0		
12	1	1	0	3		
13		1		2		
16		2				
17		8				
18		4				
Sum Total:	16	39	12	13	7	0

**Investigative Management and Reporting System** 

#### **Bronx Community Boards Arrest Breakdown**

For the period 01/01/2015 through 12/31/2015



СВ	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	0	0	0	0	1	2
02	3	0	0	0	1	0
03	2	4	0	0	0	4
04	0	4	0	0	1	2
05	0	1	1	0	2	2
06	3	2	1	0	1	5
07	0	0	0	1	1	4
08	0	0	0	0	0	1
09	2	2	1	0	1	2
10	1	0	2	0	0	1
11	4	2	0	0	0	2
12	1	0	2	0	1	0
Sum Total	l: 16	15	7	1	9	25

Total Arrests Bronx: 73

**Investigative Management and Reporting System** 

#### **Brooklyn Community Boards Arrest Breakdown**

For the period 01/01/2015 through 12/31/2015



СВ	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	1	0	0	0	1	3
02	3	0	0	5	5	2
03	2	1	0	2	2	6
04	1	0	0	0	1	0
05	5	0	0	1	2	1
06	2	0	0	0	0	3
07	3	0	0	1	0	2
08	2	0	2	0	1	1
09	1	0	0	0	4	1
10	3	0	0	0	0	1
11	0	0	1	1	0	1
12	1	1	0	0	0	4
13	1	0	0	0	0	0
14	0	0	1	0	0	4
15	0	1	0	0	0	5
16	2	1	2	0	6	0
17	8	0	1	1	1	2
18	4	0	0	2	1	2
Sum Total:	39	4	7	13	24	38

**Total Arrests Brooklyn: 125** 

**Investigative Management and Reporting System** 

### **Manhattan Community Boards Arrest Breakdown**

For the period 01/01/2015 through 12/31/2015



СВ	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	0	0	0	0	0	6
02	3	0	0	0	2	2
03	0	0	0	0	0	9
04	0	0	0	0	0	3
05	1	0	0	0	3	4
06	1	0	3	0	0	3
07	1	0	0	0	0	0
08	1	0	0	0	0	4
09	2	1	0	0	3	2
10	1	1	0	0	0	1
11	2	0	1	0	0	0
12	0	2	0	0	2	6
Sum Total:	12	4	4	0	10	40

**Total Arrests Manhattan: 70** 

**Investigative Management and Reporting System** 

#### **Queens Community Boards Arrest Breakdown**

For the period 01/01/2015 through 12/31/2015



СВ	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	1	4	0	0	0	3
02	0	1	0	0	2	2
03	0	1	0	0	0	5
04	1	1	0	0	0	4
05	2	0	0	0	0	1
06	3	0	0	0	0	0
07	0	0	0	1	0	1
08	0	0	0	0	0	1
09	1	0	0	0	0	0
10	0	0	1	2	0	0
11	0	0	0	0	0	0
12	3	1	0	0	3	2
13	2	1	0	0	3	3
14	0	1	0	0	2	0
Sum Total	: 13	10	1	3	10	22

**Total Arrests Queens:** 59

**Investigative Management and Reporting System** 

#### **Staten Island Community Boards Arrest Breakdown**

For the period 01/01/2015 through 12/31/2015



СВ	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	0	1	1	0	0	4
02	3	0	0	0	0	1
03	4	1	0	0	2	1
Sum Total:	7	2	1	0	2	6

Total Arrests Staten Island: 1

18

**Investigative Management and Reporting System** 

# Other Law Enforcement Arrests / BFI Assists by Borough For the period 01/01/2015 through 12/31/2015



Arrest Type	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
Arson	15	4	4	10	2	0
Other	9	24	10	10	2	0
Totals	24	28	14	20	4	0

**Investigative Management and Reporting System** 

## Other L/E Arrests / BFI Assists by CB and Borough

For the period 01/01/2015 through 12/31/2015



СВ	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	1	1	0	4	1	
02	1	5	2	3	0	
03	4	3	0	1	3	
04	5	1	0	1		
05	3	2	3	0		
06	3	0	0	0		
07	1	0	0	0		
08	0	1	0	0		
09	3	4	4	0		
10	0	0	1	0		
11	2	0	0	0		
12	1	1	4	4		
13		0		4		
14		0		3		
15		1				
16		7				
17		1				
18		1				
Sum Total:	24	28	14	20	4	0

**Total Arrests All Boroughs:** 

90