

Bureau of Fire Investigation

Investigative Management and Reporting System



2021

Annual Report



Veritas ex Cineribus

Bill de Blasio
Mayor

Daniel Nigro
Fire Commissioner

Bureau of Fire Investigation

Fire Department of the City of New York

Chief Fire Marshal

Daniel Flynn

Assistant Chief Fire Marshal

Michael Durkin

Chief of Operations

Supervising Fire Marshal
Robert Cox
Executive Officer

Fire Marshal
Michael Tracey Jr.
Medical Examiner Liaison

Computer Associate
Mohammed Pervez Ismail
CTRS Project Manager

Assistant Commissioner
Benny Thottam
Chief Information Officer

Bureau of Fire Investigation

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on

Total Investigations



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Summary of Investigations by Type

For the period 1/1/2021 through 12/31/2021

Type of Investigation	Total
Total Fire Investigation:	5020
Total Non Fire Investigation:	509
Albany Burn Notif. Unrelated to a Fire/Explosion	19
MFA	106
Other - No Fire	85
Juvenile Firesetter Intervention	112
Albany Burn Notif. Related to a Previous BFI Inv.	10
Albany Burn Notif. / Pending Investigation	87
Fireworks Related	10
SIU Investigation	58
Threat to Burn	3
Fraudulent Placard Investigation	3
Juvenile Firesetter Community Outreach	5
Theft from Quarters	0
Electrocution - Electrical Burns to Person	0
Headquarters Investigation	1
Carbon Monoxide Incident	2
Juvenile Firesetter Follow Up	8
Juvenile Firesetter School Visit	0
Fire Category Not Defined	30
Cases Received:	5529
Preliminary Investigation Only:	1526
Total Investigation	4003

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Summary of Fire Investigation Cases by Percentage

For the period 1/1/2021 through 12/31/2021

Fire Causes	Total
Preliminary Investigation Only Percentage of Investigations Conducted	1526 27.60%
Incendiary Percentage of Investigations Conducted	1093 19.77%
Electrical Percentage of Investigations Conducted	965 17.45%
Smoking Percentage of Investigations Conducted	365 6.60%
Albany Burn Notifi. Unrelated to a Fire/Explosion Percentage of Investigations Conducted	19 0.34%
Open Flame Percentage of Investigations Conducted	207 3.74%
Cooking Percentage of Investigations Conducted	231 4.18%
No Fire Percentage of Investigations Conducted	104 1.88%
Hot Objects Percentage of Investigations Conducted	184 3.33%
Appliance Percentage of Investigations Conducted	97 1.75%
MFA Percentage of Investigations Conducted	106 1.92%
Juvenile Firesetter Intervention Percentage of Investigations Conducted	112 2.03%
Other Percentage of Investigations Conducted	306 5.53%

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Summary of Fire Investigation Cases by Percentage

For the period 1/1/2021 through 12/31/2021

Fire Causes	Total
Heaters Percentage of Investigations Conducted	29 0.52%
Albany Burn Notifi. Related to a Previous BFI Inv. Percentage of Investigations Conducted	10 0.18%
Ignitable Liquid/Gas Percentage of Investigations Conducted	34 0.61%
Motors Percentage of Investigations Conducted	54 0.98%
Natural Sources Percentage of Investigations Conducted	24 0.43%
Juvenile Firesetter Community Outreach Percentage of Investigations Conducted	5 0.09%
Electrical Devices Percentage of Investigations Conducted	11 0.20%
Not Ascertained Percentage of Investigations Conducted	9 0.16%
Juvenile Firesetter Follow Up Percentage of Investigations Conducted	8 0.14%
Fire Category Not Defined	30
Cases Received:	5529
Preliminary Investigation Only:	1526
Total Investigation	4003

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2021 Annual Report on Fire Causes



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Summary of Fire Causes Investigated by Category

For the period 1/1/2021 through 12/31/2021

Cause of Fire Category	Total
Incendiary Percentage of Investigations Conducted	1093 29.47%
Smoking Percentage of Investigations Conducted	365 9.84%
Electrical Percentage of Investigations Conducted	965 26.02%
Open Flame Percentage of Investigations Conducted	207 5.58%
Cooking Percentage of Investigations Conducted	231 6.23%
Hot Objects Percentage of Investigations Conducted	184 4.96%
Appliance Percentage of Investigations Conducted	97 2.62%
Heaters Percentage of Investigations Conducted	29 0.78%
Other Percentage of Investigations Conducted	306 8.25%
Ignitable Liquid/Gas Percentage of Investigations Conducted	34 0.92%
Motors Percentage of Investigations Conducted	54 1.46%
Natural Sources Percentage of Investigations Conducted	24 0.65%
Electrical Devices Percentage of Investigations Conducted	11 0.30%

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Summary of Fire Causes Investigated by Category

For the period 1/1/2021 through 12/31/2021

Cause of Fire Category	Total
Not Ascertained Percentage of Investigations Conducted	9 0.24%
Under Investigation Percentage of Investigations Conducted	100 2.70%
Fire Cases Received:	5235
Preliminary Investigation Only:	1526
Total Fire Investigation	3709

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Summary of Fire Causes

For the period 1/1/2021 through 12/31/2021

Fire Category:	Appliances	
Cause of Fire		Count
Other Appliance		26
Clothes Washer		3
Clothes Dryer - Natural Gas		26
Stove - Electric		6
Stove - Natural Gas		10
Microwave		9
Refrigeration Compressor		7
Clothes Dryer		5
Coffee Pot		1
Dishwasher		2
Clothes Dryer - Electric		2
Appliances Total:		97

Fire Category:	Cooking	
Cause of Fire		Count
Food on the Stove		73
Stove/Cooking - Stove		36
Barbecue - Propane		2
Cooking Fire Extending to Clothing or Combustibles		27
Stove/Cooking - Fryer		8
Stove/Cooking - Other		39
Stove/Cooking - Toaster Oven		4
Stove/Cooking - Electric		14
Ranghood Fire - Ductwork		16
Barbecue - Wood/Charcoal		12
Cooking Total:		231

Fire Category:	Electrical	
Cause of Fire		Count
Other - Electrical		81
Electrical Wiring		508
Vehicle Wiring		80

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Summary of Fire Causes

For the period 1/1/2021 through 12/31/2021

Fire Category:	Electrical	
Cause of Fire		Count
Power Strip		38
Lighting Fixture		14
Feeder Cable		13
Hard Wire Outlet		28
Holiday Lighting		4
Extension Cord		93
Appliance Cord		25
Transformer		11
Service		4
Fuse/Circuit Breaker Panel		6
Ballast		6
Lithium Ion Battery		51
Surge Suppressor		1
Arc Welding		2
Electrical Total:		965

Fire Category:	Electrical Devices	
Cause of Fire		Count
Other Audio Visual Equipment		3
Computer Component(s)		6
Radio/Stereo		1
TV		1
Electrical Devices Total:		11

Fire Category:	Heaters	
Cause of Fire		Count
Portable Heater - Electric		9
Permanent Heater - Oil		4
Permanent Heater - Electric		3
Permanent Heater - Gas		7
Heaters - Other		3
Permanent Heater		1

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Summary of Fire Causes

For the period 1/1/2021 through 12/31/2021

Fire Category: Heaters	
Cause of Fire	Count
Portable Heater - Kerosene	1
Portable Heater - Propane	1
Heaters Total:	29

Fire Category: Hot Objects	
Cause of Fire	Count
Permanent Heater - Steam Radiator (Pyrolysis)	4
Incense	47
Other - Hot Objects	54
Heat from an Iron	7
Chimney/Flues	5
Heat or Sparks from Friction	21
Heat From Molten Metal / Slag	14
Hot Embers	14
Heat from Light Bulb	18
Hot Objects Total:	184

Fire Category: Ignitable	
Cause of Fire	Count
Ignitable Liquids/Gases - Natural Gas	10
Other - Gas	2
Other - Liquid	3
Ignitable Liquids/Gases - Pesticide Fogger	3
Ignitable Liquids/Gases - Gasoline	5
Ignitable Liquids/Gases - Lighter Fluid	3
Ignitable Liquid-Polyurethane/Varnish/PaintThinner	3
Ignitable Liquids/Gases - Propane	1
Ignitable Liquids/Gases - Fuel Oil	1
Other - Ignitable Liquid/Gas	3
Ignitable Total:	34

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Summary of Fire Causes

For the period 1/1/2021 through 12/31/2021

Fire Category:	Incendiary	
Cause of Fire		Count
Incendiary - Combustible Material		253
Incendiary - Fireworks		28
Incendiary		660
Incendiary - Ignitable Liquid		103
Incendiary - Combustible Gas		4
Incendiary - Attempted Arson		7
Incendiary - Self Immolation		5
Incendiary - Torch - Illegal Use of		21
Incendiary - Reckless Use of Open Flame		10
Incendiary - Explosives		1
Incendiary - Attempted Suicide		1
Incendiary Total:		1093

Fire Category:	Motors	
Cause of Fire		Count
Motors - Fossil Fuel Powered		37
Motors - Electric		7
Motors - Fan		7
Motors - Subway		1
Other Motor		2
Motors Total:		54

Fire Category:	Natural Sources	
Cause of Fire		Count
Spontaneous Combustion		20
Solar Rays		2
Lightning		2
Natural Sources Total:		24

Fire Category:	Open Flame	
Cause of Fire		Count
Candle		122

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Summary of Fire Causes

For the period 1/1/2021 through 12/31/2021

Fire Category:	Open Flame	
Cause of Fire		Count
Other - Open Flame		17
Fireplace		8
Torch - Legal Use of		25
Matches/Lighter		16
Child Playing w/Matches/Lighter		13
Child Playing w/ Other Open Flame		3
Aerosol Can		3
Open Flame Total:		207

Fire Category:	Other	
Cause of Fire		Count
Exothermic Chemical Reaction		15
Other		42
Not Ascertained		9
Rekindle		4
Under Investigation		100
Other Total:		170

Fire Category:	Smoking	
Cause of Fire		Count
Smoking (Cigarette/Cigar)		365
Smoking Total:		365

Grand Total:		3464
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2021 Annual Report on Incendiary Fires



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Summary of Incendiary Fires by Borough

For the period 1/1/2021 through 12/31/2021



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Bronx	197	4	201	90	22	313
Brooklyn	191	12	203	56	38	297
Manhattan	134	3	137	31	40	208
Queens	121	8	129	59	32	220
Staten Island	18	3	21	15	19	55
Totals:	661	30	691	251	151	1093

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Summary of Incendiary Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Bronx						
CB						
01	32	2	34	7	4	45
02	6	0	6	6	1	13
03	25	0	25	13	2	40
04	13	0	13	5	2	20
05	20	0	20	6	2	28
06	17	1	18	10	2	30
07	10	0	10	5	1	16
08	3	0	3	1	2	6
09	29	0	29	8	1	38
10	11	0	11	6	0	17
11	16	1	17	7	3	27
12	15	0	15	16	2	33
Bronx CB Total	197	4	201	90	22	313

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Summary of Incendiary Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Brooklyn						
CB						
01	8	2	10	3	0	13
02	14	0	14	0	4	18
03	21	1	22	3	5	30
04	4	0	4	3	1	8
05	23	1	24	10	9	43
06	6	0	6	1	0	7
07	6	0	6	3	1	10
08	10	1	11	2	1	14
09	6	0	6	0	4	10
10	3	0	3	1	3	7
11	5	0	5	2	3	10
12	6	0	6	2	1	9
13	14	2	16	7	0	23
14	5	0	5	2	1	8
15	7	0	7	3	3	13
16	32	0	32	7	1	40
17	13	5	18	4	1	23
18	8	0	8	3	0	11
Brooklyn CB Total	191	12	203	56	38	297

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Summary of Incendiary Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Manhattan						
CB						
01	5	1	6	2	2	10
02	3	1	4	0	10	14
03	15	0	15	3	5	23
04	21	1	22	4	3	29
05	9	0	9	5	7	21
06	5	0	5	0	4	9
07	7	0	7	1	1	9
08	4	0	4	0	0	4
09	9	0	9	2	2	13
10	21	0	21	7	1	29
11	28	0	28	5	2	35
12	7	0	7	2	3	12
Manhattan CB Total	134	3	137	31	40	208

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Summary of Incendiary Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Queens						
CB						
01	35	1	36	7	5	48
02	3	0	3	4	2	9
03	9	0	9	2	0	11
04	11	2	13	4	5	22
05	4	1	5	8	1	14
06	1	0	1	0	3	4
07	5	0	5	4	3	12
08	4	0	4	3	2	9
09	6	0	6	2	2	10
10	2	2	4	6	4	14
11	4	0	4	6	0	10
12	15	2	17	9	4	30
13	10	0	10	3	0	13
14	11	0	11	1	1	13
Out of NYC	1	0	1	0	0	1
Queens CB Total	121	8	129	59	32	220

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Summary of Incendiary Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Incendiary Fires
Staten Island						
CB						
01	13	1	14	6	1	21
02	2	2	4	6	16	26
03	3	0	3	3	1	7
Out of NYC	0	0	0	0	1	1
Staten Island CB Total	18	3	21	15	19	55
Grand Total All Boroughs	661	30	691	251	151	1093

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2021 Annual Report on Accidental Fires



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Investigative Management and Reporting System

Summary of Accidental Fires by Borough

For the period 1/1/2021 through 12/31/2021



Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Bronx	389	3	392	52	51	495
Brooklyn	618	6	624	70	69	763
Manhattan	353	2	355	19	37	411
Queens	456	4	460	53	61	574
Staten Island	106	0	106	10	9	125
Borough Not Defined	0	0	0	0	2	2
Totals:	1922	15	1937	204	229	2370

Bureau Of Fire Investigation

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Borough Not Defined						
CB						
CB Not Defined	0	0	0	0	2	2
No Borough CB Total	0	0	0	0	2	2

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Bronx						
CB						
01	38	0	38	4	3	45
02	16	0	16	1	6	23
03	27	0	27	4	3	34
04	50	0	50	8	2	60
05	32	0	32	4	4	40
06	35	1	36	4	4	44
07	36	0	36	7	1	44
08	13	1	14	1	2	17
09	46	0	46	6	8	60
10	26	0	26	5	4	35
11	28	0	28	1	4	33
12	42	1	43	5	7	55
Out of NYC	0	0	0	2	3	5
Bronx CB Total	389	3	392	52	51	495

Bureau Of Fire Investigation

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Brooklyn						
CB						
01	41	0	41	7	6	54
02	26	0	26	4	5	35
03	60	1	61	6	8	75
04	27	0	27	6	3	36
05	59	0	59	15	7	81
06	24	0	24	3	5	32
07	20	0	20	4	5	29
08	36	0	36	1	2	39
09	29	1	30	2	3	35
10	22	0	22	2	1	25
11	23	0	23	0	2	25
12	39	0	39	1	1	41
13	23	2	25	2	4	31
14	38	0	38	2	3	43
15	31	0	31	1	3	35
16	34	0	34	5	3	42
17	42	2	44	3	4	51
18	44	0	44	5	4	53
Out of NYC	0	0	0	1	0	1
Brooklyn CB Total	618	6	624	70	69	763

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Manhattan						
CB						
01	16	0	16	0	2	18
02	24	0	24	0	3	27
03	33	0	33	1	1	35
04	31	1	32	1	3	36
05	37	1	38	3	7	48
06	31	0	31	0	3	34
07	21	0	21	1	3	25
08	26	0	26	0	3	29
09	21	0	21	2	2	25
10	49	0	49	3	1	53
11	29	0	29	5	5	39
12	35	0	35	3	3	41
Out of NYC	0	0	0	0	1	1
Manhattan CB Total	353	2	355	19	37	411

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Outside of NYC						
CB						
Out of NYC	1	0	1	0	0	1
Outside of NYC CB Total	1	0	1	0	0	1

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Queens						
CB						
CB Not Defined	0	0	0	0	1	1
01	38	0	38	7	4	49
02	20	0	20	3	7	30
03	34	0	34	2	4	40
04	24	0	24	2	1	27
05	27	0	27	4	8	39
06	13	0	13	1	1	15
07	37	1	38	3	5	46
08	34	0	34	0	5	39
09	42	0	42	6	0	48
10	22	1	23	7	4	34
11	15	0	15	2	3	20
12	73	2	75	6	11	92
13	42	0	42	5	4	51
14	34	0	34	4	3	41
Out of NYC	1	0	1	1	0	2
Queens CB Total	456	4	460	53	61	574

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Summary of Accidental Fires by Borough and Community Board

For the period 1/1/2021 through 12/31/2021

Borough	Occupied Building	Vacant Building	SubTotal Structural	Auto and Transit	Other	Total Accidental Fires
Staten Island						
CB						
CB Not Defined	0	0	0	1	0	1
01	55	0	55	3	4	62
02	24	0	24	5	4	33
03	27	0	27	1	1	29
Staten Island CB Total	106	0	106	10	9	125
Grand Total All Boroughs	1923	15	1938	204	229	2371

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2021 Annual Report on Civilian Fire Fatalities



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**Bureau of Fire Investigation
Investigative Management and Reporting System
Fire Fatalities
Period: January 1, 2021- December 31, 2021**



The Bureau of Fire Investigation (BFI) investigates all fires where a civilian injury is reported, or a 10-45 code is transmitted. A "BFI 10-45 Report" is completed for every injury or fatality. The information from this report is then entered into a database that is similar to the NYFIRS program.

All fire deaths are counted in the month and year in which the death occurs, not 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 to assist determining the manner of death (accidental, suicide, homicide, other).

In some cases, the Medical Examiner will determine that the victim died prior to the fire. In that case, the victim will not 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.

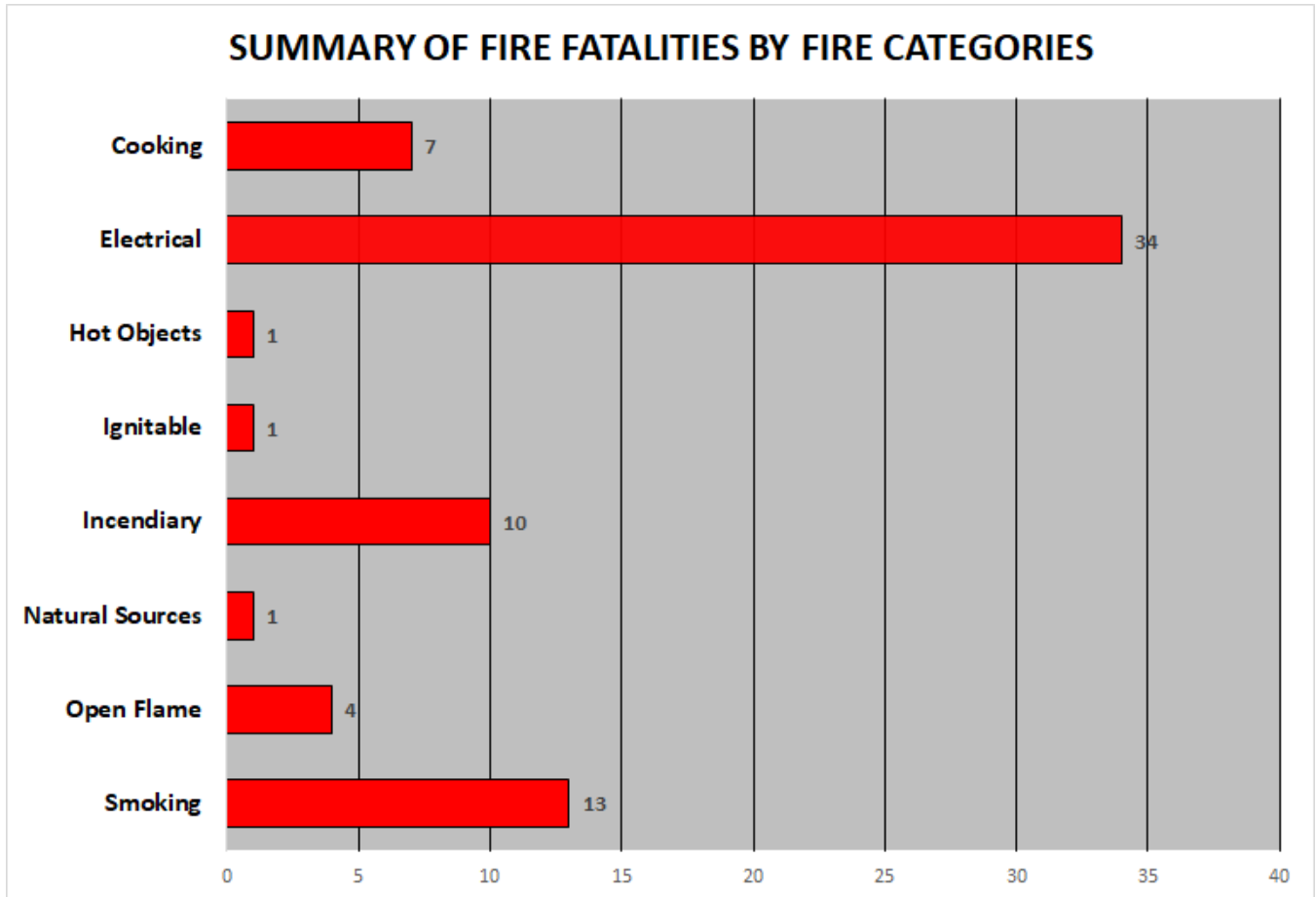
In these times of modern medicine, forensic science, and advanced technology, we are confident that all fire deaths are being recorded as such and counted accurately.

There were 71 Civilian Fire Deaths In New York City in 2021

Bureau of Fire Investigation
Investigative Management and Reporting System
SUMMARY OF FIRE FATALITIES, FIRE CATEGORIES



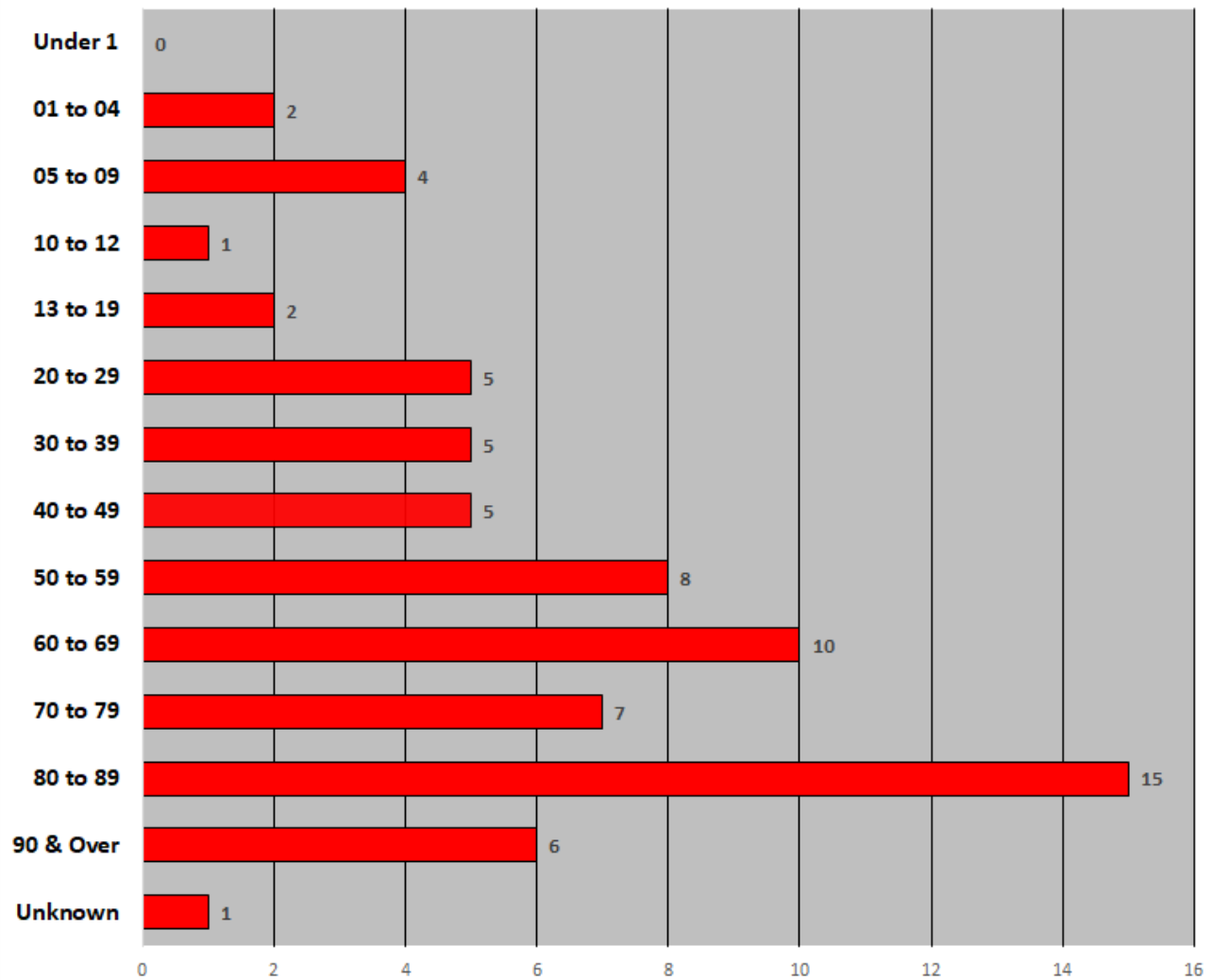
Period: January 1, 2021 through December 31, 2021



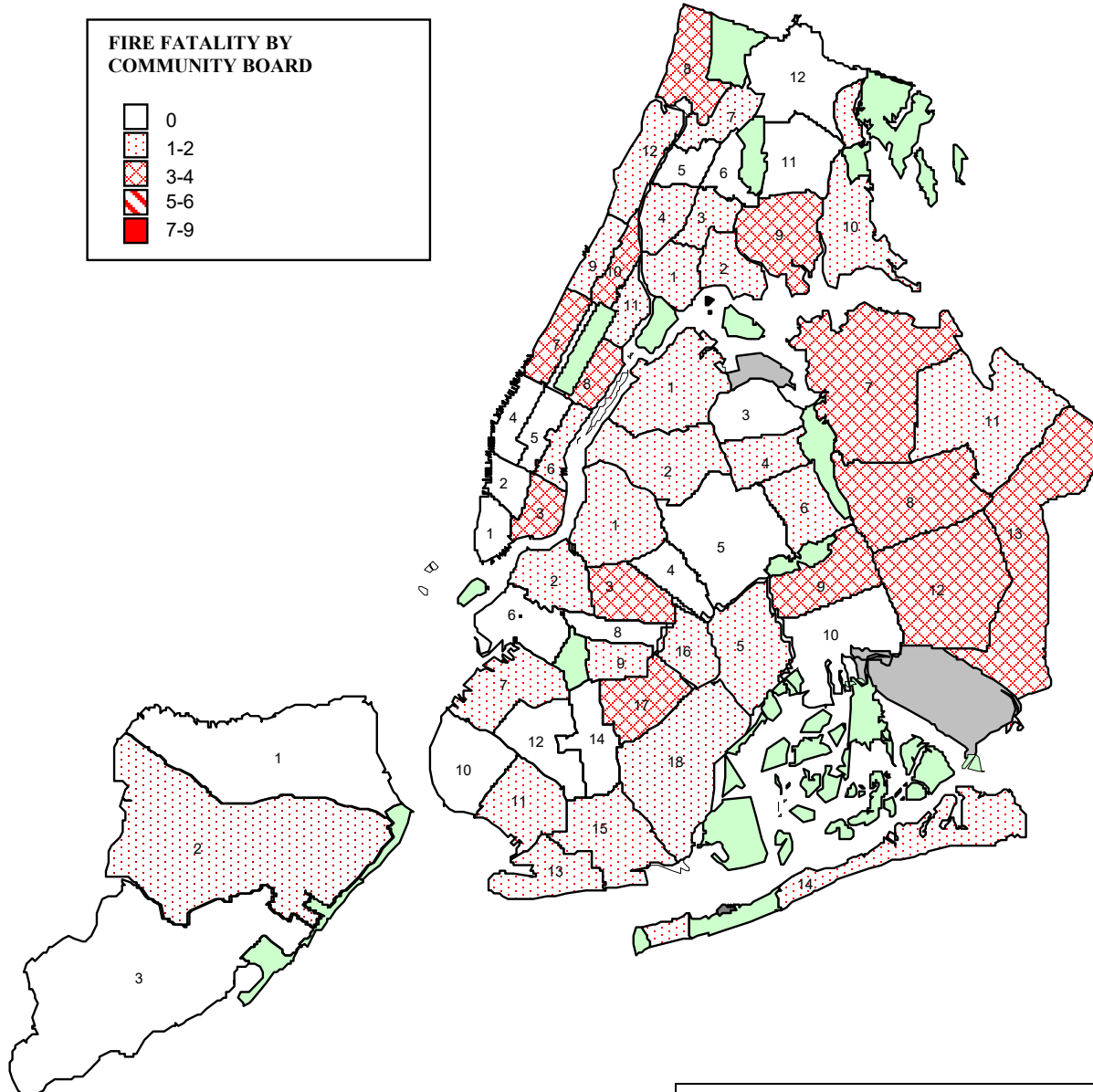
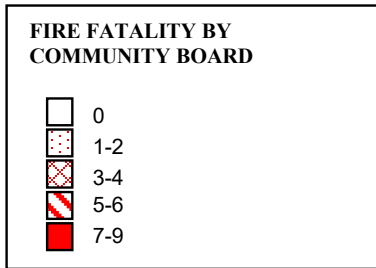
Bureau of Fire Investigation
Investigative Management and Reporting System
SUMMARY OF FIRE FATALITIES BY AGE
Period: January 1, 2021 through December 31, 2021



SUMMARY OF FIRE FATALITIES BY AGE



Bureau of Fire Investigation
 Investigative Management and Reporting System
FATALITIES BY COMMUNITY BOARD AND BOROUGH
 Period: January 1, 2021 through December 31, 2021



FIRE FATALITIES BY BOROUGH

Bronx:	16
Brooklyn:	12
Manhattan:	19
Queens:	23
Staten Island :	1
Citywide Total:	71

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Fatalities by Borough

For the period 1/1/2016 through 12/31/2021



Borough	Calendar Year					
	2016	2017	2018	2019	2020	2021
Bronx	17	24	17	9	14	16
Brooklyn	14	18	28	7	18	12
Manhattan	5	12	13	18	10	19
Queens	10	15	27	28	18	23
Staten Island	2	4	3	4	3	1
Totals:	48	73	88	66	63	71

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Investigative Management and Reporting System



Annual Comparison of Fire Fatalities by Cause

For the period 1/1/2016 through 12/31/2021

Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Appliance Cord	0	1	1	0	1	1
Barbecue - Wood/Charcoal	0	2	0	0	0	0
Candle	0	6	8	6	1	4
Child Playing w/ Other Open Flame	0	12	1	0	0	0
Clothes Dryer - Electric	0	0	0	0	1	0
Cooking Fire Extending to Clothing or Combustibles	6	3	5	2	1	2
Electrical Wiring	7	7	19	12	11	21
Extension Cord	5	3	3	1	8	4
Food on the Stove	1	1	1	0	0	3
Heat from Light Bulb	0	0	2	0	0	0
Heat or Sparks from Friction	0	0	0	0	0	1
Ignitable Liquids/Gases - Gasoline	0	0	1	2	2	0
Ignitable Liquids/Gases - Natural Gas	0	1	0	1	0	0
Incendiary	1	0	4	7	1	4
Incendiary - Attempted Suicide	1	0	0	0	0	0
Incendiary - Combustible Gas	0	0	0	0	0	1
Incendiary - Combustible Material	0	2	2	0	1	1
Incendiary - Explosives	0	1	0	0	0	0
Incendiary - Ignitable Liquid	0	0	3	2	4	0
Incendiary - Reckless Use of Open Flame	0	2	1	0	0	1
Incendiary - Self Immolation	1	0	1	2	0	3
Incendiary - Suicide	0	1	1	0	0	0
Incense	2	2	1	1	3	0
Lighting Fixture	0	1	0	0	0	0
Lithium Ion Battery	0	0	0	0	0	2
Matches/Lighter	1	0	1	2	0	0
Motors - Compressors	0	0	2	0	0	0
Motors - Fossil Fuel Powered	0	1	0	2	0	0
Not Ascertained	1	5	0	0	0	0

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Investigative Management and Reporting System



Annual Comparison of Fire Fatalities by Cause

For the period 1/1/2016 through 12/31/2021

Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Other	0	0	1	0	1	0
Other - Electrical	2	2	1	0	1	4
Other - Hot Objects	1	0	2	1	1	0
Other - Ignitable Liquid/Gas	0	0	0	1	0	1
Other - Open Flame	2	1	2	0	1	0
Permanent Heater - Electric	0	0	2	0	0	0
Portable Heater	0	1	0	0	0	0
Portable Heater - Electric	0	3	2	1	0	0
Portable Heater - Kerosene	1	0	0	0	0	0
Power Strip	0	0	2	0	6	1
Ranghood Fire - Ductwork	0	0	0	0	0	1
Refrigeration Compressor	0	0	0	0	1	0
Smoking (Cigarette/Cigar)	12	13	18	11	13	13
Spontaneous Combustion	0	0	0	0	0	1
Stove/Cooking - Electric	1	0	0	0	0	0
Stove/Cooking - Other	1	2	1	9	1	0
Stove/Cooking - Stove	1	0	0	2	0	1
Stove/Cooking - Toaster Oven	0	0	0	0	1	0
Torch - Legal Use of	0	0	0	1	0	0
Under Investigation	0	0	0	0	3	0
Vehicle Wiring	1	0	0	0	0	1
Grand Total All Causes	48	73	88	66	63	71

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Fatalities by Category & Cause

For the period 1/1/2021 through 12/31/2021



Fire Category: **Cooking**

Cause of Fire	Count
Cooking Fire Extending to Clothing or Combustibles	2
Food on the Stove	3
Rangehood Fire - Ductwork	1
Stove/Cooking - Stove	1
Cooking Total	7

Fire Category: **Electrical**

Cause of Fire	Count
Appliance Cord	1
Electrical Wiring	21
Extension Cord	4
Lithium Ion Battery	2
Other - Electrical	4
Power Strip	1
Vehicle Wiring	1
Electrical Total	34

Fire Category: **Hot Objects**

Cause of Fire	Count
Heat or Sparks from Friction	1
Hot Objects Total	1

Fire Category: **Ignitable**

Cause of Fire	Count
Other - Ignitable Liquid/Gas	1
Ignitable Total	1

Fire Category: **Incendiary**

Cause of Fire	Count
Incendiary	4
Incendiary - Combustible Gas	1

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Investigative Management and Reporting System



Fire Fatalities by Category & Cause

For the period 1/1/2021 through 12/31/2021

Fire Category: Incendiary

Cause of Fire	Count
Incendiary - Combustible Material	1
Incendiary - Reckless Use of Open Flame	1
Incendiary - Self Immolation	3
Incendiary Total	10

Fire Category: Natural Sources

Cause of Fire	Count
Spontaneous Combustion	1
Natural Sources Total	1

Fire Category: Open Flame

Cause of Fire	Count
Candle	4
Open Flame Total	4

Fire Category: Smoking

Cause of Fire	Count
Smoking (Cigarette/Cigar)	13
Smoking Total	13

Grand Total:	71
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Bureau Of Fire Investigation

Investigative Management and Reporting System

Summary of Fire Fatalities by CB and Borough

For the period 1/1/2021 through 12/31/2021



CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island
01	2	1	0	2	0
02	1	1	0	1	1
03	2	3	3	0	0
04	2	0	0	2	0
05	0	1	0	0	0
06	0	0	2	1	0
07	1	1	4	3	0
08	3	0	3	3	0
09	3	1	1	3	0
10	2	0	3	0	0
11	0	1	2	1	0
12	0	0	1	3	0
13	0	1	0	3	0
14	0	0	0	1	0
15	0	1	0	0	0
16	0	1	0	0	0
Sum Total:	16	12	19	23	1
Total Fire Fatalities:	71				

Bureau Of Fire Investigation

Investigative Management and Reporting System



Monthly Fire Fatalities by Borough

For the period 1/1/2021 through 12/31/2021

For Calendar Year 2021

		Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
January	2021	2	1	2	3	0	8
February	2021	0	0	2	6	0	8
March	2021	1	2	3	1	0	7
April	2021	0	1	2	0	0	3
May	2021	2	1	0	2	0	5
June	2021	1	0	1	1	0	3
July	2021	1	3	1	1	0	6
August	2021	1	1	0	3	0	5
September	2021	5	1	0	3	0	9
October	2021	0	1	1	0	0	2
November	2021	1	1	6	0	1	9
December	2021	2	0	1	3	0	6
Totals:		16	12	19	23	1	71

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Fatalities by Hour of Occurance and Borough

For the period 1/1/2021 through 12/31/2021

For Calendar Year 2021

	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
0000 - 0059	0	0	1	2	0	3
0100 - 0159	0	0	5	2	0	7
0200 - 0259	1	0	0	1	0	2
0300 - 0359	1	1	1	0	0	3
0400 - 0459	1	0	0	4	0	5
0500 - 0559	0	1	1	0	0	2
0600 - 0659	1	3	0	1	0	5
0700 - 0759	0	1	1	1	0	3
0800 - 0859	3	2	2	1	0	8
0900 - 0959	0	1	1	1	0	3
1000 - 1059	2	0	0	1	0	3
1100 - 1159	0	0	0	3	0	3
1200 - 1259	1	1	0	1	0	3
1300 - 1359	1	0	1	0	0	2
1400 - 1459	0	0	0	0	0	0
1500 - 1559	0	1	1	1	0	3
1600 - 1659	0	1	2	1	0	4
1700 - 1759	1	0	0	0	0	1
1800 - 1859	1	0	1	2	0	4
1900 - 1959	1	0	0	0	0	1
2000 - 2059	0	0	0	0	0	0
2100 - 2159	1	0	0	0	0	1
2200 - 2259	0	0	0	0	0	0
2300 - 2359	1	0	2	1	1	5
Unknown	0	0	0	0	0	0
Totals:	16	12	19	23	1	71

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Fatalities by Race/Ethnicity and Occupancy

For the period 1/1/2021 through 12/31/2021

Occupancy Type	CAUCASIAN	ASIAN	HISPANIC	BLACK	OTHER	WHITE	Unknown
Boat	0	0	0	0	0	1	0
Garage/Shed	0	0	1	0	0	0	0
MD Residential Structure	1	0	7	16	1	11	11
Other	0	0	0	1	0	0	1
PD Residential Structure	3	1	2	3	2	3	3
Vehicle	0	0	0	1	0	1	1
Sub-Totals:	4	1	10	21	3	16	16
Total Fire Fatalities:	71						

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Fatalities by Age and Gender

For the period 1/1/2021 through 12/31/2021



Victim Age	Female	Male	Unknown	Totals
Under 1	0	0	0	0
01-04	1	0	1	2
05-09	0	4	0	4
10-12	0	1	0	1
13-19	1	1	0	2
20-29	1	4	0	5
30-39	1	4	0	5
40-49	1	4	0	5
50-59	2	5	1	8
60-69	1	9	0	10
70-79	5	2	0	7
80-89	6	9	0	15
90-Over	4	2	0	6
Unknown	0	1	0	1
TOTALS	23	46	2	71

Bureau Of Fire Investigation

Investigative Management and Reporting System

Smoke Detectors and Civilian Fire Fatalities

For the period 1/1/2017 through 12/31/2021



For Calendar Year 2021	Smoke Detector Present:	30
	Working:	19
	Not Present:	23
	Not Applicable:	6
	Present Unknown if operational:	8
	Unknown:	4
	Total	71
<hr/>		
For Calendar Year 2020	Smoke Detector Present:	32
	Working:	24
	Not Present:	11
	Not Applicable:	8
	Present Unknown if operational:	5
	Unknown:	7
	Total	63
<hr/>		
For Calendar Year 2019	Smoke Detector Present:	25
	Working:	16
	Not Present:	22
	Not Applicable:	7
	Present Unknown if operational:	6
	Unknown:	6
	Total	66
<hr/>		
For Calendar Year 2018	Smoke Detector Present:	38
	Working:	23
	Not Present:	23
	Not Applicable:	6
	Present Unknown if operational:	11
	Unknown:	10
	Total	88
<hr/>		
For Calendar Year 2017	Smoke Detector Present:	45
	Working:	31
	Not Present:	18
	Not Applicable:	3
	Present Unknown if operational:	5
	Unknown	2
	Total	73

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Investigative Management and Reporting System



2021

Annual Report

on

Civilian Fire Injuries

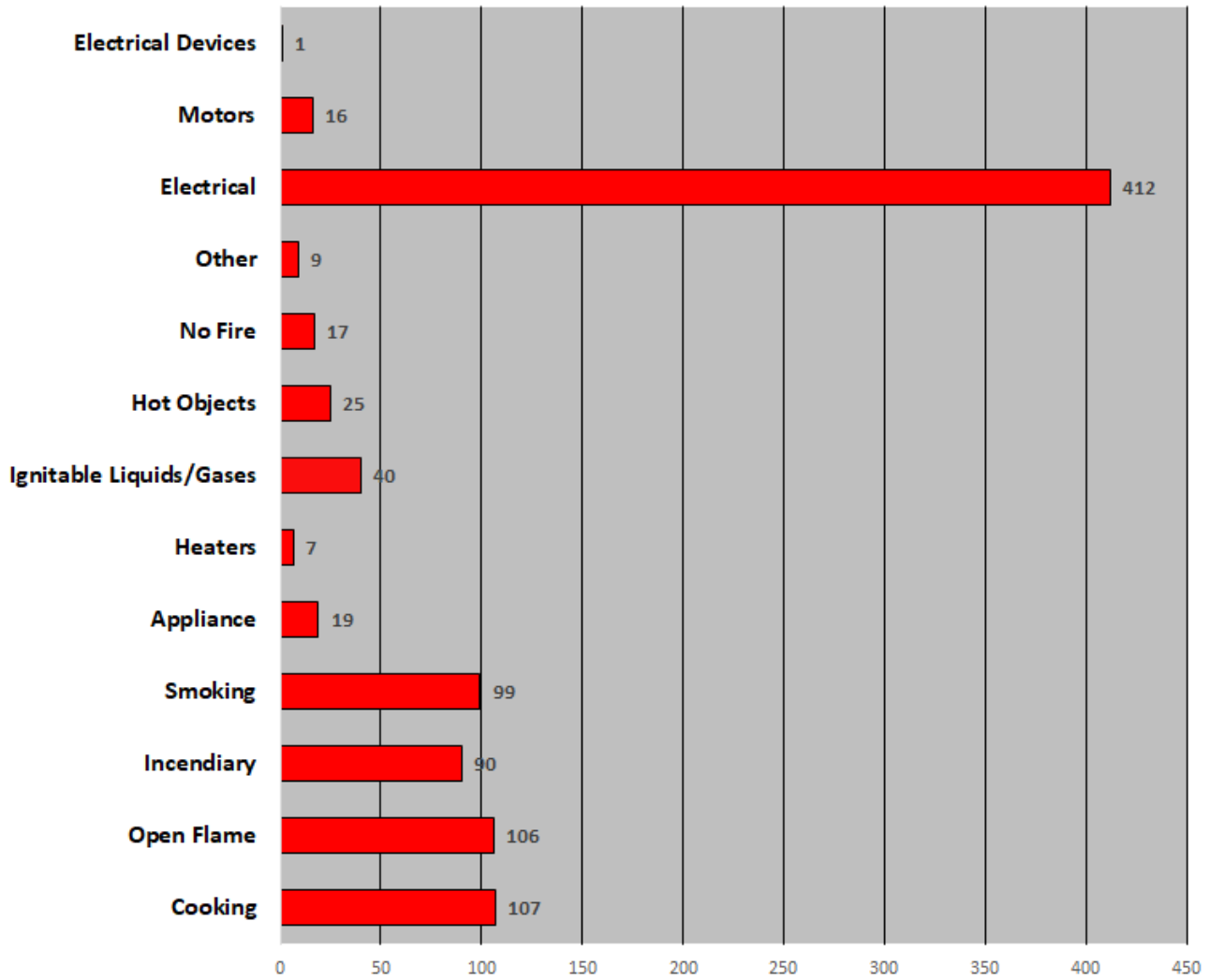


Veritas ex Cineribus

Bureau of Fire Investigation
Investigative Management and Reporting System
SUMMARY OF INJURIES, FIRE CATEGORIES
Period: January 1, 2021 through December 31, 2021



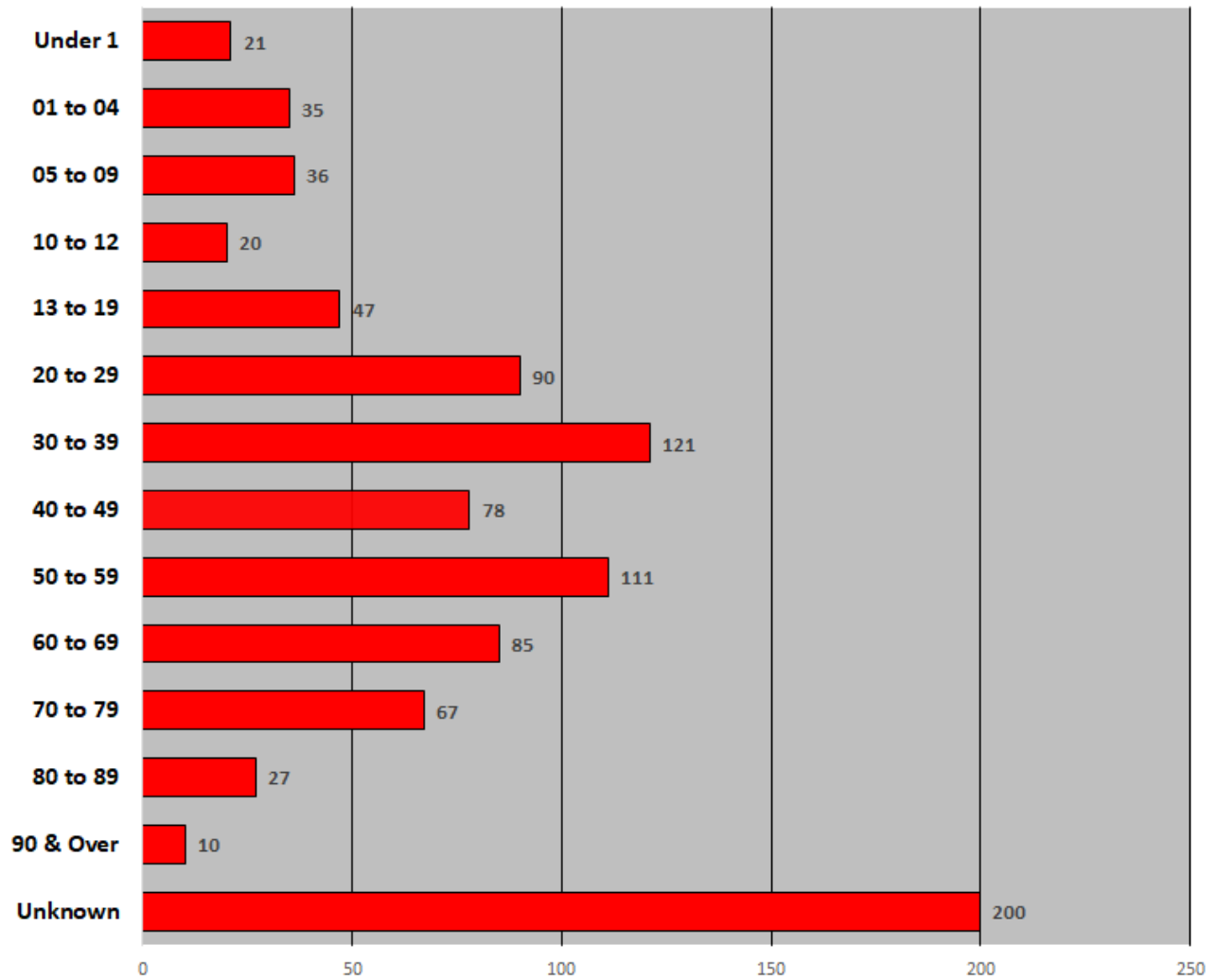
SUMMARY OF INJURIES FIRE CATEGORIES



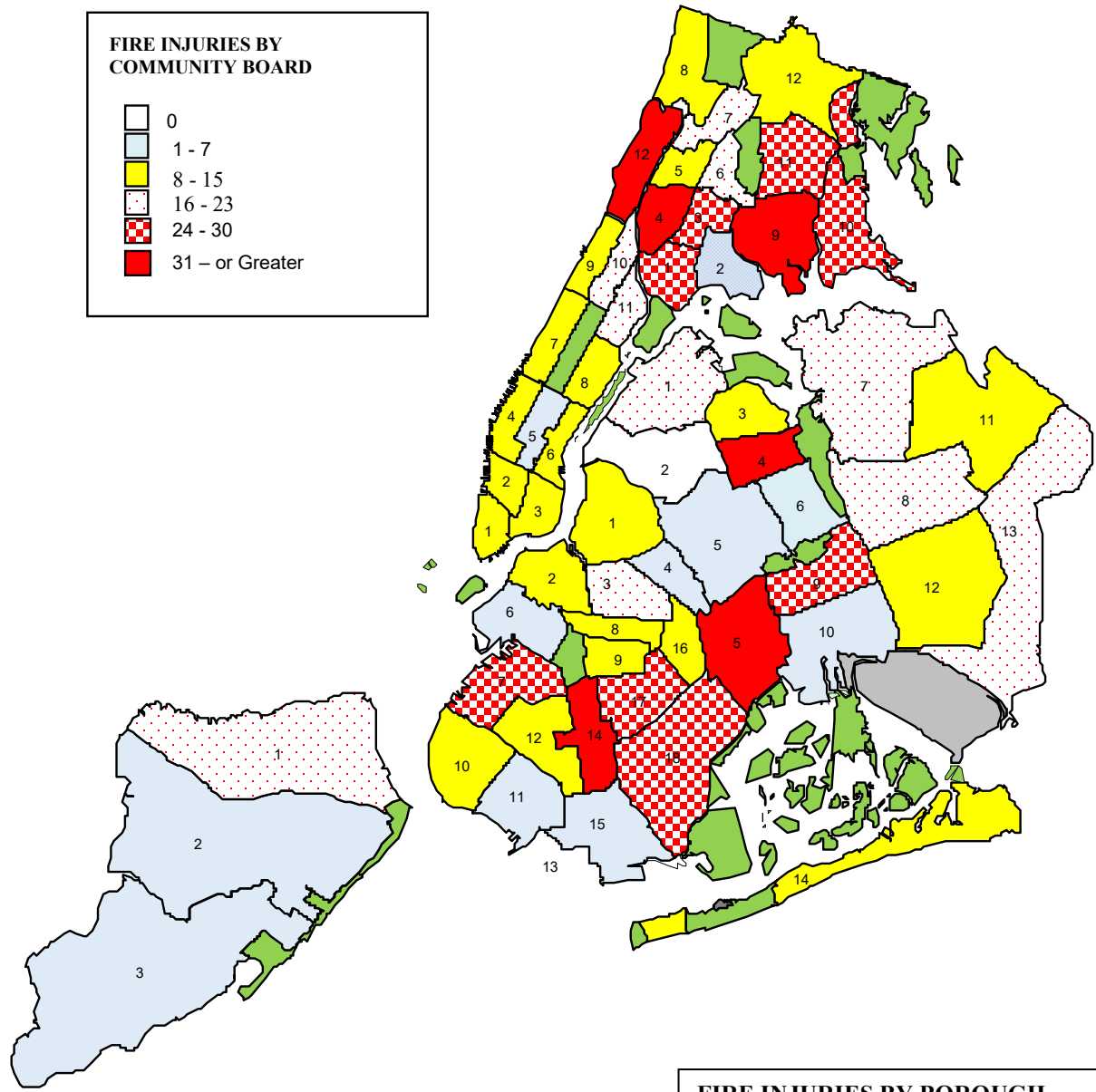
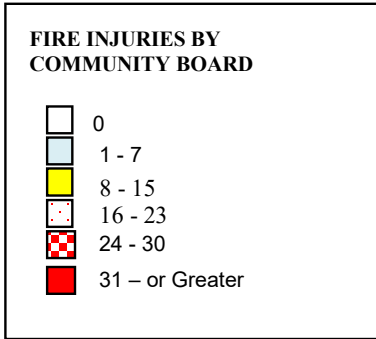
Bureau of Fire Investigation
Investigative Management and Reporting System
SUMMARY OF INJURIES BY AGE
Period: January 1, 2021 through December 31, 2021



SUMMARY OF INJURIES BY AGE



Bureau of Fire Investigation
Investigative Management and Reporting System
INJURIES BY COMMUNITY BOARD AND BOROUGH
Period: January 1, 2021 through December 31, 2021



FIRE INJURIES BY BOROUGH

Bronx:	258
Brooklyn:	309
Manhattan:	161
Queens:	193
Staten Island:	27
Citywide Total:	948

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Injuries by Borough

For the period 1/1/2016 through 12/31/2021



Borough	Calendar Year					
	2016	2017	2018	2019	2020	2021
Bronx	211	264	249	189	188	258
Brooklyn	282	317	273	283	258	309
Manhattan	205	201	224	171	198	161
Queens	257	238	218	224	120	193
Staten Island	46	53	35	37	45	27
Totals:	1001	1073	999	904	809	948

Bureau Of Fire Investigation

Investigative Management and Reporting System



Annual Comparison of Fire Injuries by Cause

For the period 1/1/2016 through 12/31/2021

Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Computer Component(s)	1	5	4	0	0	1
Other - No Fire	6	12	30	18	6	7
Other Audio Visual Equipment	2	2	0	0	2	0
Fireworks Related	4	0	3	2	2	0
Electrocution - Electrical Burns to Person	0	1	2	3	0	0
Cause of fire Not Defined	0	1	0	0	0	0
Carbon Monoxide Incident	0	1	4	16	15	10
TV	0	0	1	0	0	0
Clothes Dryer	3	5	3	3	2	0
Stove - Natural Gas	18	9	7	4	4	2
Clothes Dryer - Natural Gas	12	7	7	10	2	9
Clothes Dryer - Electric	6	1	4	2	0	0
Microwave	2	2	4	2	0	1
Stove - Wood	1	0	0	0	0	0
Refrigeration Compressor	1	1	2	6	3	0
Other Appliance	7	23	11	15	1	6
Clothes Washer	2	3	4	0	0	0
Stove - Electric	0	1	0	0	0	1
Washer/Dryer Combo	0	3	0	0	0	0
Cooking Fire Extending to Clothing or Combustibles	13	31	27	34	11	8
Food on the Stove	61	54	40	45	24	52
Stove/Cooking - Other	28	18	26	29	15	15
Stove/Cooking - Stove	18	18	10	22	22	17
Stove/Cooking - Fryer	6	7	6	3	4	2
Barbecue - Propane	1	2	3	2	3	1
Stove/Cooking - Electric	1	4	2	3	1	6
Rangehood Fire - Ductwork	0	1	3	0	0	1
Barbecue - Wood/Charcoal	0	5	0	1	0	3
Stove/Cooking - Toaster Oven	0	3	0	0	2	2

Bureau Of Fire Investigation

Investigative Management and Reporting System



Annual Comparison of Fire Injuries by Cause

For the period 1/1/2016 through 12/31/2021

Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Extension Cord	50	45	44	50	63	41
Electrical Wiring	184	180	170	139	199	203
Appliance Cord	10	16	5	2	16	15
Fuse/Circuit Breaker Panel	4	2	14	2	5	0
Other - Electrical	38	25	71	34	30	57
Power Strip	14	42	17	18	14	38
Feeder Cable	5	1	11	6	5	4
Hard Wire Outlet	13	1	8	8	9	10
Vehicle Wiring	9	0	1	7	1	2
Transformer	2	0	5	3	0	1
Lighting Fixture	2	1	4	2	2	2
Arc Welding	0	1	0	0	2	0
Holiday Lighting	0	2	0	0	0	9
Service	0	0	6	0	0	0
Lithium Ion Battery	0	0	0	0	0	29
Ballast	0	0	0	0	0	1
Permanent Heater - Oil	2	1	1	2	1	0
Portable Heater - Kerosene	1	0	1	0	0	2
Portable Heater - Electric	11	30	31	17	15	4
Portable Heater	4	4	1	2	0	0
Permanent Heater - Gas	2	0	0	12	0	0
Heaters - Other	2	0	0	5	0	0
Permanent Heater	0	4	0	0	0	0
Permanent Heater - Electric	0	4	1	5	0	0
Portable Heater - Natural Gas	0	1	0	0	0	0
Portable Heater - Propane	0	0	0	1	1	1
Incense	13	12	14	13	11	8
Other - Hot Objects	13	11	19	16	3	6
Heat from Light Bulb	6	2	9	4	1	2
Heat from an Iron	1	0	0	0	0	0

Bureau Of Fire Investigation

Investigative Management and Reporting System

Annual Comparison of Fire Injuries by Cause

For the period 1/1/2016 through 12/31/2021



Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Hot Embers	1	1	1	0	1	0
Heat or Sparks from Friction	0	10	3	1	5	3
Heat From Molten Metal / Slag	0	6	1	0	1	5
Chimney/Flues	0	1	1	0	4	1
Permanent Heater - Steam Radiator (Pyrolysis)	0	0	1	0	0	0
Ignitable Liquids/Gases - Natural Gas	16	7	7	3	7	18
Other - Ignitable Liquid/Gas	6	5	3	12	2	2
Ignitable Liquids/Gases - Gasoline	2	6	4	13	12	13
Other - Liquid	1	1	4	2	0	2
Ignitable Liquid- Polyurethane/Varnish/PaintThinner	1	5	6	0	0	1
Other - Gas	0	3	1	1	0	1
Ignitable Liquids/Gases - Pesticide Fogger	0	8	0	2	0	1
Ignitable Liquids/Gases - Fuel Oil	0	1	2	1	1	0
Ignitable Liquids/Gases - Lighter Fluid	0	1	0	5	0	1
Ignitable Liquids/Gases - Propane	0	0	1	0	1	1
Incendiary	59	51	93	56	64	52
Incendiary - Combustible Material	31	31	11	18	13	21
Incendiary - Ignitable Liquid	3	3	15	10	12	6
Incendiary - Attempted Suicide	2	2	3	3	2	0
Incendiary - Explosives	1	4	0	0	0	0
Incendiary - Fireworks	1	2	1	1	3	4
Incendiary - Self Immolation	0	5	0	0	1	2
Incendiary - Reckless Use of Open Flame	2	1	1	0	1	3
Incendiary - Torch - Illegal Use of	0	2	0	0	1	2
Incendiary - Combustible Gas	0	0	1	1	2	0
Other Motor	1	1	0	3	1	2
Motors - Fossil Fuel Powered	3	4	1	0	1	4
Motors - Electric	5	1	5	0	1	10
Motors - Compressors	0	2	0	0	1	0

Bureau Of Fire Investigation

Investigative Management and Reporting System

Annual Comparison of Fire Injuries by Cause

For the period 1/1/2016 through 12/31/2021



Cause of Fire	Calendar Year					
	2016	2017	2018	2019	2020	2021
Motors - Elevator	0	11	5	1	0	0
Motors - Fan	0	0	1	0	1	0
Spontaneous Combustion	1	5	4	4	0	0
Solar Rays	0	0	0	1	0	0
Candle	65	108	56	61	54	63
Torch - Legal Use of	8	6	2	3	1	19
Other - Open Flame	14	10	5	8	4	3
Matches/Lighter	29	5	7	9	5	8
Child Playing w/Matches/Lighter	29	28	9	30	4	10
Aerosol Can	6	3	1	3	0	3
Child Playing w/ Other Open Flame	1	15	3	1	5	0
Fireplace	0	0	1	0	1	0
Exothermic Chemical Reaction	3	1	2	0	1	1
Other	21	8	3	13	6	4
SIU Investigation	1	3	1	0	0	0
Juvenile Firesetter Intervention	1	0	2	4	0	1
Not Ascertained	2	1	27	3	6	1
Under Investigation	0	1	0	0	2	0
Preliminary Investigation Only	0	0	0	0	5	0
Rekindle	0	0	0	0	0	2
Smoking (Cigarette/Cigar)	106	99	68	63	80	99
Grand Total All Causes	1001	1073	999	904	809	948

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Injuries by Category & Cause

For the period 1/1/2021 through 12/31/2021



Fire Category: Appliances

Cause of Fire	Count
Clothes Dryer - Natural Gas	9
Microwave	1
Other Appliance	6
Stove - Natural Gas	2
Stove - Electric	1
Appliances Total	19

Fire Category: Cooking

Cause of Fire	Count
Barbecue - Propane	1
Barbecue - Wood/Charcoal	3
Cooking Fire Extending to Clothing or Combustibles	8
Food on the Stove	52
Rangehood Fire - Ductwork	1
Stove/Cooking - Electric	6
Stove/Cooking - Fryer	2
Stove/Cooking - Other	15
Stove/Cooking - Stove	17
Stove/Cooking - Toaster Oven	2
Cooking Total	107

Fire Category: Electrical

Cause of Fire	Count
Appliance Cord	15
Ballast	1
Electrical Wiring	203
Extension Cord	41
Feeder Cable	4
Hard Wire Outlet	10
Holiday Lighting	9
Lighting Fixture	2

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries by Category & Cause

For the period 1/1/2021 through 12/31/2021

Fire Category: Electrical

Cause of Fire	Count
Lithium Ion Battery	29
Other - Electrical	57
Power Strip	38
Transformer	1
Vehicle Wiring	2
Electrical Total	412

Fire Category: Electrical Devices

Cause of Fire	Count
Computer Component(s)	1
Electrical Devices Total	1

Fire Category: Heaters

Cause of Fire	Count
Portable Heater - Electric	4
Portable Heater - Kerosene	2
Portable Heater - Propane	1
Heaters Total	7

Fire Category: Hot Objects

Cause of Fire	Count
Chimney/Flues	1
Heat from Light Bulb	2
Heat From Molten Metal / Slag	5
Heat or Sparks from Friction	3
Incense	8
Other - Hot Objects	6
Hot Objects Total	25

Fire Category: Ignitable

Cause of Fire	Count
Ignitable Liquid-Polyurethane/Varnish/PaintThinner	1

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries by Category & Cause

For the period 1/1/2021 through 12/31/2021

Fire Category: Ignitable

Cause of Fire	Count
Ignitable Liquids/Gases - Gasoline	13
Ignitable Liquids/Gases - Lighter Fluid	1
Ignitable Liquids/Gases - Natural Gas	18
Ignitable Liquids/Gases - Pesticide Fogger	1
Ignitable Liquids/Gases - Propane	1
Other - Gas	1
Other - Ignitable Liquid/Gas	2
Other - Liquid	2
Ignitable Total	40

Fire Category: Incendiary

Cause of Fire	Count
Incendiary	52
Incendiary - Combustible Material	21
Incendiary - Fireworks	4
Incendiary - Ignitable Liquid	6
Incendiary - Reckless Use of Open Flame	3
Incendiary - Self Immolation	2
Incendiary - Torch - Illegal Use of	2
Incendiary Total	90

Fire Category: Motors

Cause of Fire	Count
Motors - Electric	10
Motors - Fossil Fuel Powered	4
Other Motor	2
Motors Total	16

Fire Category: No Fire

Cause of Fire	Count
Carbon Monoxide Incident	10
Other - No Fire	7

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries by Category & Cause

For the period 1/1/2021 through 12/31/2021

No Fire Total	17
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Fire Category: Open Flame

Cause of Fire	Count
Aerosol Can	3
Candle	63
Child Playing w/Matches/Lighter	10
Matches/Lighter	8
Other - Open Flame	3
Torch - Legal Use of	19
Open Flame Total	106

Fire Category: Other

Cause of Fire	Count
Exothermic Chemical Reaction	1
Juvenile Firesetter Intervention	1
Not Ascertained	1
Other	4
Rekindle	2
Other Total	9

Fire Category: Smoking

Cause of Fire	Count
Smoking (Cigarette/Cigar)	99
Smoking Total	99

Grand Total:	948
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Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Injuries by Borough & Type of Injury

For the period 1/1/2021 through 12/31/2021



Injury	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
Burns	42	34	23	33	5	137
Carbon Monoxide	3	8	1	7	0	19
Other	21	46	14	10	5	96
RMA	53	35	32	22	6	148
Smoke	113	158	81	107	8	467
Smoke/Burns	12	15	8	6	1	42
Trauma	14	13	2	8	2	39
Sub-Totals:	258	309	161	193	27	948
Citywide Total:	948					

Bureau Of Fire Investigation

Investigative Management and Reporting System



Summary of Fire Injuries by CB and Borough

For the period 1/1/2021 through 12/31/2021

CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island
01	25	11	11	20	16
02	2	14	9	0	7
03	28	22	15	15	4
04	45	7	13	33	0
05	9	45	5	2	0
06	21	3	9	5	0
07	16	26	12	16	0
08	14	14	15	16	0
09	34	14	8	24	0
10	24	15	16	5	0
11	25	4	16	10	0
12	15	11	32	15	0
13	0	10	0	17	0
14	0	39	0	15	0
15	0	4	0	0	0
16	0	12	0	0	0
17	0	30	0	0	0
18	0	27	0	0	0
Out of NYC	0	1	0	0	0
Sum Total:	258	309	161	193	27
Total Fire Injuries:	948				

Bureau Of Fire Investigation

Investigative Management and Reporting System



Monthly Fire Injuries by Borough

For the period 1/1/2021 through 12/31/2021

For Calendar Year 2021

		Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
January	2021	21	27	4	18	5	75
February	2021	23	9	12	15	0	59
March	2021	10	28	14	17	2	71
April	2021	19	27	8	18	3	75
May	2021	36	22	7	17	2	84
June	2021	15	14	15	13	1	58
July	2021	22	27	10	18	3	80
August	2021	23	17	13	24	1	78
September	2021	10	11	4	15	0	40
October	2021	10	39	21	6	3	79
November	2021	35	51	36	18	3	143
December	2021	34	37	17	14	4	106
Totals:		258	309	161	193	27	948

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries by Hour of Occurance and Borough

For the period 1/1/2021 through 12/31/2021

For Calendar Year 2021

	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Totals
0000 - 0059	2	27	10	8	2	49
0100 - 0159	8	14	18	4	0	44
0200 - 0259	11	6	4	14	2	37
0300 - 0359	3	12	0	3	0	18
0400 - 0459	18	18	4	9	2	51
0500 - 0559	9	11	5	3	0	28
0600 - 0659	0	3	22	7	2	34
0700 - 0759	18	15	9	34	1	77
0800 - 0859	9	12	1	6	3	31
0900 - 0959	7	17	13	10	3	50
1000 - 1059	14	13	7	14	1	49
1100 - 1159	17	3	1	4	3	28
1200 - 1259	2	14	14	7	2	39
1300 - 1359	22	16	9	13	0	60
1400 - 1459	3	6	3	4	0	16
1500 - 1559	24	11	7	4	0	46
1600 - 1659	9	17	3	12	0	41
1700 - 1759	15	24	2	3	0	44
1800 - 1859	14	8	7	6	2	37
1900 - 1959	26	8	5	6	1	46
2000 - 2059	7	8	3	10	0	28
2100 - 2159	3	11	9	3	3	29
2200 - 2259	12	7	2	7	0	28
2300 - 2359	5	28	3	2	0	38
Unknown	0	0	0	0	0	0
Totals:	258	309	161	193	27	948

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries by Race/Ethnicity and Occupancy

For the period 1/1/2021 through 12/31/2021

Occupancy Type	Caucasian	Black	Asian	Hispanic	American Indian	Unknown
Boat	3	0	0	0	0	3
Brush	1	0	0	0	0	0
Burn Notification	1	2	1	3	0	7
Burn Notification (Albany)	0	0	0	0	0	1
Commercial Structure	1	4	1	6	0	23
Garage/Shed	9	2	0	0	0	0
Government Structure	2	4	0	0	0	9
Group Home	1	1	0	0	0	0
Hospital	0	1	0	0	0	0
Hotel	0	1	0	0	0	0
Manhole	1	0	0	0	0	0
MD Residential Structure	66	103	10	129	0	249
No Fire	0	2	0	1	0	0
Other	2	0	0	4	0	2
Outside Rubbish	1	0	1	0	0	2
PD Residential Structure	31	44	9	51	0	126
Public Hallway	0	2	0	1	0	1
Religious Structure	0	1	0	0	0	0
Transit	0	0	0	0	0	1
Vehicle	3	2	0	7	0	9
Sub-Totals:	122	169	22	202	0	433

Total Fire Injuries: 948

Bureau Of Fire Investigation

Investigative Management and Reporting System

Fire Injuries by Age and Gender

For the period 1/1/2021 through 12/31/2021



Printed on Thursday, January 19, 2023

Victim Age	Female	Male	Unknown	Totals
Under 1	11	8	2	21
01-04	18	14	3	35
05-09	19	16	1	36
10-12	10	7	3	20
13-19	28	18	1	47
20-29	36	47	7	90
30-39	65	46	10	121
40-49	37	38	3	78
50-59	63	42	6	111
60-69	44	36	5	85
70-79	36	27	4	67
80-89	17	10	0	27
90-Over	8	2	0	10
Unknown	91	67	42	200
TOTALS	483	378	87	948

Bureau Of Fire Investigation

Investigative Management and Reporting System



Fire Injuries Related to Vehicles

For the period 1/1/2021 through 12/31/2021

Electrical

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Vehicle Wiring	1	0
Electrical Total:	1	

Incendiary

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Incendiary - Self Immolation	1	0
Incendiary Total:	1	

Motors

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Motors - Fossil Fuel Powered	2	0
Motors Total:	2	

Open Flame

Cause of Fire	Vehicle Fires	Motor Vehicle Accidents
Matches/Lighter	2	0
Open Flame Total:	2	

Grand Total:	6	0
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Of the 6 fire Injuries related to vehicles, 0 were the result of the motor vehicle accidents.

Bureau Of Fire Investigation

Investigative Management and Reporting System

Smoke Detectors and Civilian Fire Injuries

For the period 1/1/2017 through 12/31/2021



For Calendar Year 2021	Smoke Detector Present:	518
	Working:	401
	Not Present:	127
	Not Applicable:	98
	Present Unknown if operational:	83
	Unknown:	122
	Total	948
For Calendar Year 2020	Smoke Detector Present:	425
	Working:	349
	Not Present:	76
	Not Applicable:	107
	Present Unknown if operational:	94
	Unknown:	107
	Total	809
For Calendar Year 2019	Smoke Detector Present:	509
	Working:	419
	Not Present:	104
	Not Applicable:	110
	Present Unknown if operational:	85
	Unknown:	96
	Total	904
For Calendar Year 2018	Smoke Detector Present:	471
	Working:	394
	Not Present:	115
	Not Applicable:	117
	Present Unknown if operational:	114
	Unknown:	182
	Total	999
For Calendar Year 2017	Smoke Detector Present:	550
	Working:	402
	Not Present:	125
	Not Applicable:	89
	Present Unknown if operational:	150
	Unknown:	159
	Total	1073

Bureau of Fire Investigation

Investigative Management and Reporting System



2021 Annual Report on Arrests



Veritas ex Cineribus

Bureau Of Fire Investigation

Investigative Management and Reporting System



Arrests Summary Report

For the period 1/1/2021 through 12/31/2021

Total Arrests Recorded at B.F.I.

325

Arrests by Bureau of Fire Investigation:

Bureau of Fire Investigation Arrests	Total:	261
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Arson	161
Fire Related	18
Arson Related	14
MFA	21
Other	33
Fireworks Arrest	11
Admin	3

Other Law Enforcement Arrests	Total:	64
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Arson (BFI Assist)	25
Other (BFI Assist)	36
Arson Related Arrest	3

Total BFI Arrests and Assists	325
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All BFI Arrests	261
Other L/E Arrests - BFI Assisting	64

Total Summons:	25
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Summons	25
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Bureau Of Fire Investigation

Investigative Management and Reporting System



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

For the period 1/1/2021 through 12/31/2021

CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	4	3	1	10	13	0
02	1	1	11	3	1	0
03	7	12	11	6	1	0
04	5	1	16	5	0	0
05	8	6	13	5	0	0
06	19	2	7	0	0	0
07	6	4	2	4	0	0
08	1	2	3	1	0	0
09	12	2	3	5	0	0
10	1	1	13	0	0	0
11	6	2	6	10	0	0
12	9	2	7	8	0	0
13	0	3	0	1	0	0
14	0	5	0	6	0	0
15	0	6	0	0	0	0
16	0	3	0	0	0	0
17	0	12	0	0	0	0
18	0	7	0	0	0	0
Sum Total	79	74	93	64	15	0

Total Arrests All Boroughs:

325

Bureau Of Fire Investigation

Investigative Management and Reporting System



BFI Arrests by Borough

For the period 1/1/2021 through 12/31/2021

Arrest Type	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
Arson	40	39	47	27	8	0
MFA	6	4	8	3	0	0
Arson Related	4	2	6	2	0	0
Other	5	7	9	12	0	0
Fire Related	3	5	3	7	0	0
Fireworks Arrest	0	1	4	0	6	0
Admin	1	0	0	1	1	0
Totals	59	58	77	52	15	0

Total Arrests All Boroughs: 261

Bureau Of Fire Investigation

Investigative Management and Reporting System



BFI Arrests by CB and Borough

For the period 1/1/2021 through 12/31/2021

CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	2	2	0	7	13	0
02	1	1	11	3	1	0
03	5	8	7	6	1	0
04	4	1	11	4	0	0
05	6	5	10	4	0	0
06	14	2	7	0	0	0
07	3	2	2	3	0	0
08	1	2	3	1	0	0
09	9	2	3	2	0	0
10	0	1	10	0	0	0
11	5	1	6	10	0	0
12	9	2	7	6	0	0
13	0	3	0	1	0	0
14	0	4	0	5	0	0
15	0	6	0	0	0	0
16	0	2	0	0	0	0
17	0	9	0	0	0	0
18	0	5	0	0	0	0
Sum Total	59	58	77	52	15	0

Total Arrests All Boroughs:

261

Bureau Of Fire Investigation

Investigative Management and Reporting System

BFI Arson Arrests by CB and Borough

For the period 1/1/2021 through 12/31/2021



CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	0	1	0	4	6	0
02	1	1	11	2	1	0
03	5	4	7	1	1	0
04	3	1	6	3	0	0
05	5	4	8	1	0	0
06	13	1	2	0	0	0
07	2	1	1	2	0	0
08	1	1	1	1	0	0
09	8	2	2	2	0	0
10	0	1	7	0	0	0
11	3	1	6	6	0	0
12	3	2	2	4	0	0
13	0	3	0	1	0	0
14	0	3	0	2	0	0
15	0	1	0	0	0	0
16	0	2	0	0	0	0
17	0	8	0	0	0	0
18	0	4	0	0	0	0
Sum Total	44	41	53	29	8	0

Total Arrests All Boroughs: 175

Bureau Of Fire Investigation

Investigative Management and Reporting System



Bronx Community Boards Arrest Breakdown

For the period 1/1/2021 through 12/31/2021

CB	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related	Admin
01	0	2	0	1	0	1	0
02	1	0	0	0	0	0	0
03	5	1	0	0	1	0	0
04	3	0	0	1	1	0	0
05	5	0	0	1	2	0	0
06	13	2	0	0	3	0	1
07	2	1	0	1	2	0	0
08	1	0	0	0	0	0	0
09	8	0	0	0	3	1	0
10	0	1	0	0	0	0	0
11	3	0	0	1	1	1	0
12	3	0	6	0	0	0	0
Sum Total	44	7	6	5	13	3	1

Total Arrests Bronx: 79

Bureau Of Fire Investigation

Investigative Management and Reporting System



Brooklyn Community Boards Arrest Breakdown

For the period 1/1/2021 through 12/31/2021

CB	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	1	0	0	0	1	1
02	1	0	0	0	0	0
03	4	3	0	1	1	3
04	1	0	0	0	0	0
05	4	0	0	1	1	0
06	1	0	0	1	0	0
07	1	0	0	0	2	1
08	1	0	1	0	0	0
09	2	0	0	0	0	0
10	1	0	0	0	0	0
11	1	0	0	0	1	0
12	2	0	0	0	0	0
13	3	0	0	0	0	0
14	3	0	1	0	1	0
15	1	0	2	3	0	0
16	2	0	0	0	1	0
17	8	1	0	0	2	1
18	4	0	0	1	2	0
Sum Total	41	4	4	7	12	6

Total Arrests Brooklyn: 74

Bureau Of Fire Investigation

Investigative Management and Reporting System



Manhattan Community Boards Arrest Breakdown

For the period 1/1/2021 through 12/31/2021

CB	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related
01	0	1	0	0	0	0
02	11	0	0	0	0	0
03	7	3	0	0	1	0
04	6	5	1	4	0	0
05	8	1	0	0	2	2
06	2	0	5	0	0	0
07	1	0	1	0	0	0
08	1	0	1	0	0	1
09	2	0	0	1	0	0
10	7	1	0	3	2	0
11	6	0	0	0	0	0
12	2	0	0	1	0	4
Sum Total	53	11	8	9	5	7

Total Arrests
Manhattan:

93

Bureau Of Fire Investigation

Investigative Management and Reporting System



Queens Community Boards Arrest Breakdown

For the period 1/1/2021 through 12/31/2021

CB	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related	Admin
01	4	2	0	3	1	0	0
02	2	0	0	1	0	0	0
03	1	0	1	1	0	3	0
04	3	0	0	1	1	0	0
05	1	0	0	3	1	0	0
07	2	1	0	0	0	0	1
08	1	0	0	0	0	0	0
09	2	2	0	0	1	0	0
11	6	0	0	1	0	3	0
12	4	0	1	1	2	0	0
13	1	0	0	0	0	0	0
14	2	1	1	1	0	1	0
Sum Total	29	6	3	12	6	7	1

Total Arrests Queens:

64

Bureau Of Fire Investigation

Investigative Management and Reporting System



Staten Island Community Boards Arrest Breakdown

For the period 1/1/2021 through 12/31/2021

CB	Arson	Arson L/E	MFA	Other	Other L/E	Fire Related	Admin
01	6	0	0	0	0	6	1
02	1	0	0	0	0	0	0
03	1	0	0	0	0	0	0
Sum Total	8	0	0	0	0	6	1

Total Arrests Staten Island: 15

Bureau Of Fire Investigation

Investigative Management and Reporting System



Other Law Enforcement Arrests_BFI Assists by Borough

For the period 1/1/2021 through 12/31/2021

Arrest Type	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
Arson	7	4	11	6	0	0
Other	13	12	5	6	0	0
Totals	20	16	16	12	0	0

Total Arrests All Boroughs: 64

Bureau Of Fire Investigation

Investigative Management and Reporting System



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

For the period 1/1/2021 through 12/31/2021

CB	Bronx	Brooklyn	Manhattan	Queens	Staten Island	Out of NYC
01	2	1	1	3		
03	2	4	4			
04	1		5	1		
05	2	1	3	1		
06	5					
07	3	2		1		
09	3			3		
10	1		3			
11	1	1				
12				2		
14		1		1		
16		1				
17		3				
18		2				
Sum Total	20	16	16	12	0	0

Total Arrests All Boroughs: 64