



**City of Hartford**  
**FIRE DEPARTMENT**

**FIRESTAT**

*March 2022*

**"Goal Oriented, Results Driven"**



# AGENDA



- Introductions
- Remark's from Chief Barco
- Remark's from Chief Reilly
- Remark's from Chief Tulier
- Division Briefings
- Questions/Comments

**"Goal Oriented, Results Driven"**

# Chief Barco



"Goal Oriented, Results Driven"

# Chief Reilly



"Goal Oriented, Results Driven"

# Chief Tulier



"Goal Oriented, Results Driven"

# EMERGENCY SERVICES



"Goal Oriented, Results Driven"

# 2021 FireStat Updates

- Suppression Only
  - The ISO standard will be used to gauge the efficiency of fire suppression personnel to structure fires. A total time of **six minutes and twenty seconds** is allotted from time the alarm is received at Dispatch to the time the first Engine/Pumper company arrives.
  - The NFPA 1710 for EMS will be used to gauge the efficiency of fire suppression personnel responding to EMS related incidents. 60 seconds is allotted for turnout time and 240 seconds are allotted for travel time.
  - EMS runs are calculated using incident types 300 through 329, 510.
  - Phone Pick Up time is now included in the Total Response time of six minutes and twenty seconds.

# Fire Response Scorecard

## City-Wide

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according to ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### Structure Fires

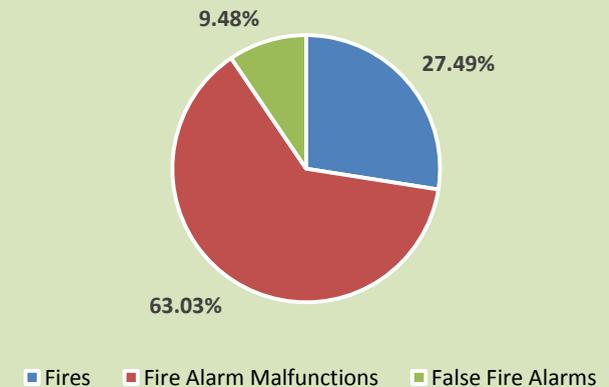


#### Analysis

- Over 32% increase in response times .
- Significantly more fire duty compared to February.

- Continue to reiterate the importance of response time compliance.
- Reiterate the importance of safely responding to calls for service in the allotted time period.
- Maintain proficiency.

#### Fire Alarms compared to Actual Fires



# EMS Response Scorecard

## City-Wide

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



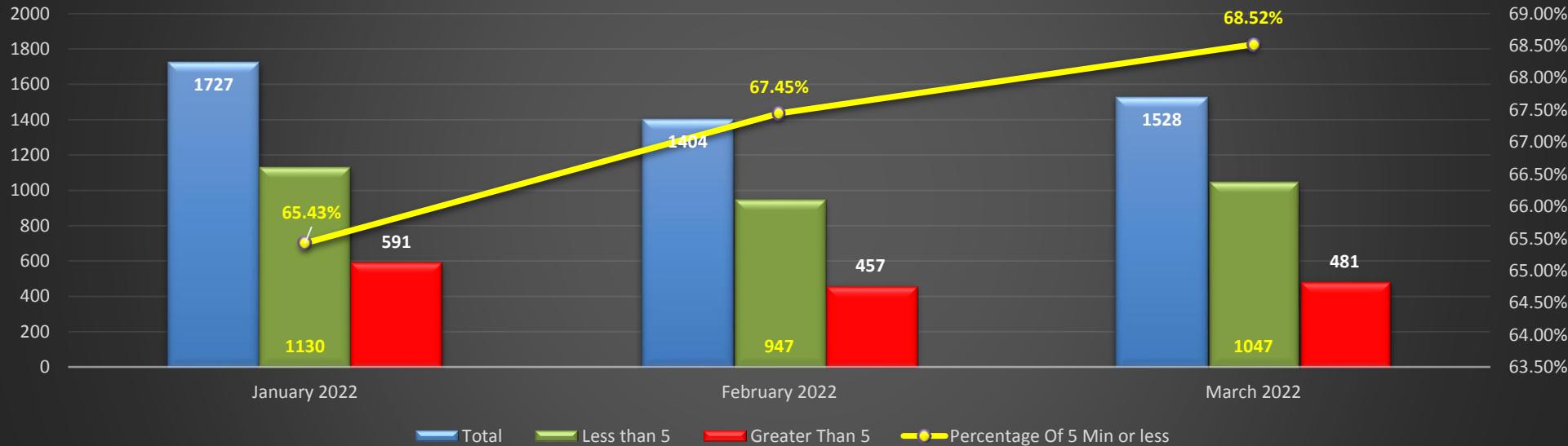
**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### EMS Response City Wide



#### Analysis

➤ Good improvement of response time compliance.

#### Recommendations

➤ Continue to emphasize the importance of responding to EMS per our standard.

#### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## District 1

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response in District 1 Area



#### Analysis

#### Recommendations

#### Impact

➤ Excellent work significant increase in response times for the month of March.

➤ Continue to reiterate the importance of response time compliance.

➤ **Life safety stabilization**

# EMS Response Scorecard

## District 1

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response in District 1 Area



#### Analysis

➤ Slight declination when compared to the prior month.

#### Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.

#### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## District 2

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according to ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response in District 2 Area



#### Analysis

#### Recommendations

#### Impact

- Good job by District 2.
- 

- Maintain proficiency.
- Continue to strive for 90% compliance

- Effective emergency response.

# EMS Response Scorecard

## District 2

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response in District 2 Area



#### Analysis

➤ Good improvement when compared to the prior month.

#### Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.

#### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## Tour A

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response Tour A



#### Analysis

#### Recommendations

#### Impact

➤ Excellent work A-Tour 100% compliance.

- Reiterate the importance of safely responding to calls for service in the allotted time period.
- Maintain proficiency.

➤ Effective emergency response.

# EMS Response Scorecard

## Tour A

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response Tour A



#### Analysis

➤ Slight increase in response time average.

#### Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.

#### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## Tour B

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response Tour B



#### Analysis

#### Recommendations

#### Impact

➤ Excellent Work B Tour 100% compliance.

- Continue to reiterate the importance of response time compliance.
- Reiterate the importance of safely responding to calls for service in the allotted time period.
- Maintain proficiency.

➤ Effective emergency response.

# EMS Response Scorecard

## Tour B

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response Tour B



#### Analysis

➤ Slight declination in response time average.

#### Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.  
➤ Investigate declination in response time.

#### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## Tour C

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response Tour C



#### Analysis

#### Recommendations

#### Impact

- Outstanding job, Tour C.
- 3 months of 100% compliance

- Reiterate the continued expectation of compliance.
- Maintain proficiency.

- Efficiency of emergency response.

# EMS Response Scorecard

## Tour C

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



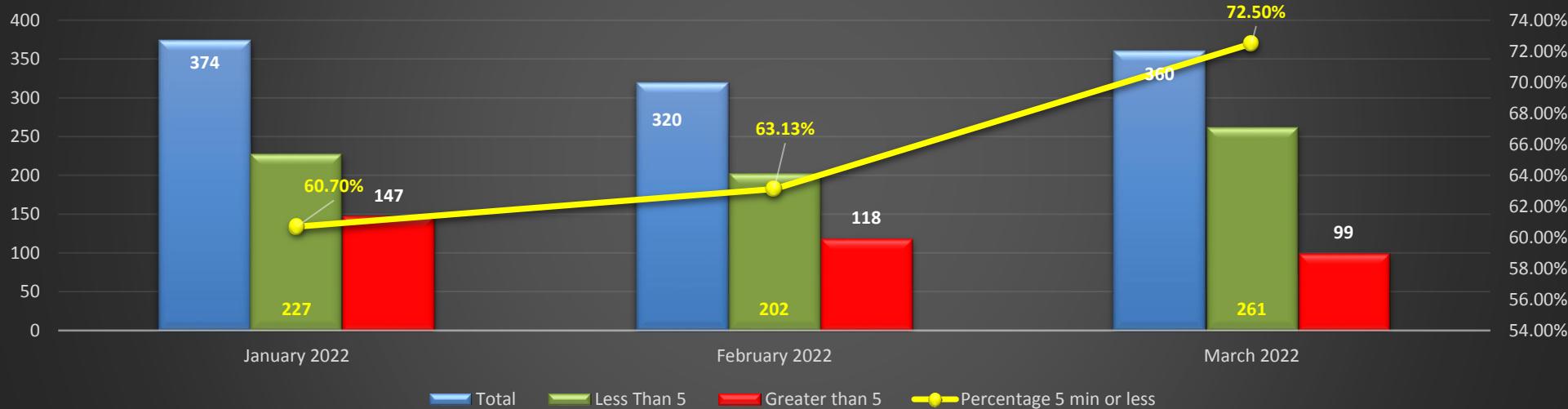
**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response Tour C



#### Analysis

- Excellent effort by Tour C.
- Slightly under 10% increase in performance.

#### Recommendations

- Continue to re-emphasize importance of EMS responses to members of suppression.

#### Impact

- Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# Fire Response Scorecard

## Tour D

**Operational Performance Measure:** To measure the Response time of 4 firefighters or 1 Engine according ISO standards.

**Data Source:** Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022



**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 1 Engine in 6:20 minutes (ISO) 90% of time

### First Engine Response Tour D



#### Analysis

#### Recommendations

#### Impact

➤ Significant decrease in performance.

- Sustain excellent emergency responses.
- Investigate performance drop.

➤ Life safety incident stabilization.

# EMS Response Scorecard

## Tour D

**Operational Performance Measure:** To measure the Response to EMS incidents City-wide.



**Data Source:**  
Firehouse Software

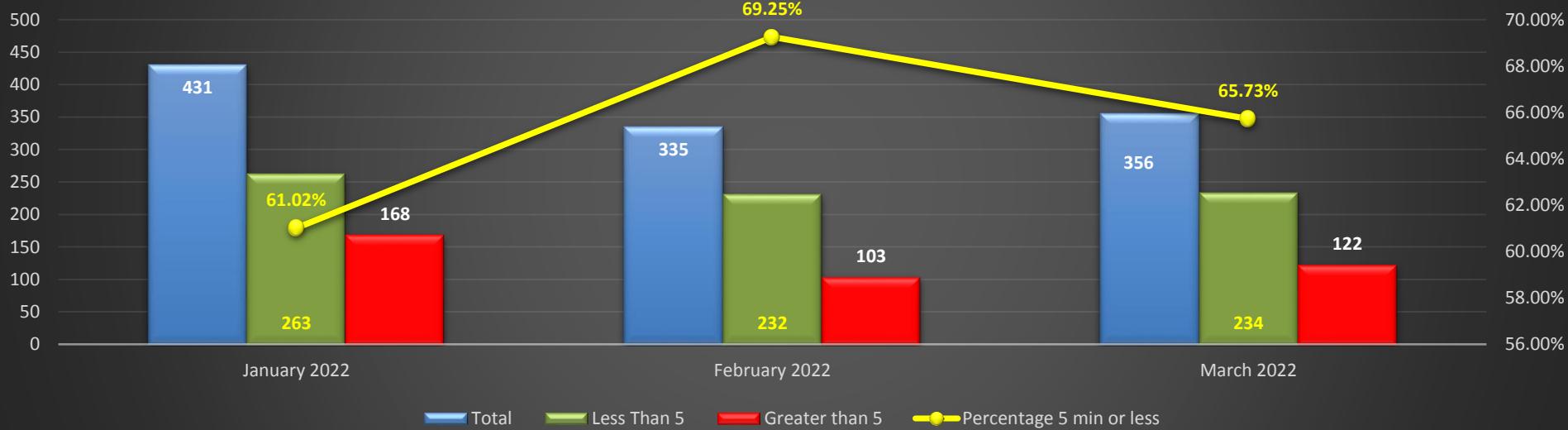
**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Emergency Services

**Performance Target:** Arrival of 5 minutes or less for First Responder calls - National Standard 1710 is at 90%.

### First EMS Response

#### Tour D



### Analysis

➤ Slight declination when compared to February's performance.

### Recommendations

➤ Continue to reiterate the importance of compliance.

### Impact

➤ Sustainment of efficient EMS delivery which allows us as a department to have a positive impact on patient survivability.

# COMMUNITY RISK REDUCTION – FIRE MARSHAL OFFICE



"Goal Oriented, Results Driven"

# Performance Scorecard

## Community Risk Reduction Division -FM



**Operational Performance Measure:** Efficient Deployment of resources to support code enforcement and fire prevention initiatives that reduce avoidable incidents.

**HFD Strategic Priorities:**  
Provide Quality Code enforcement

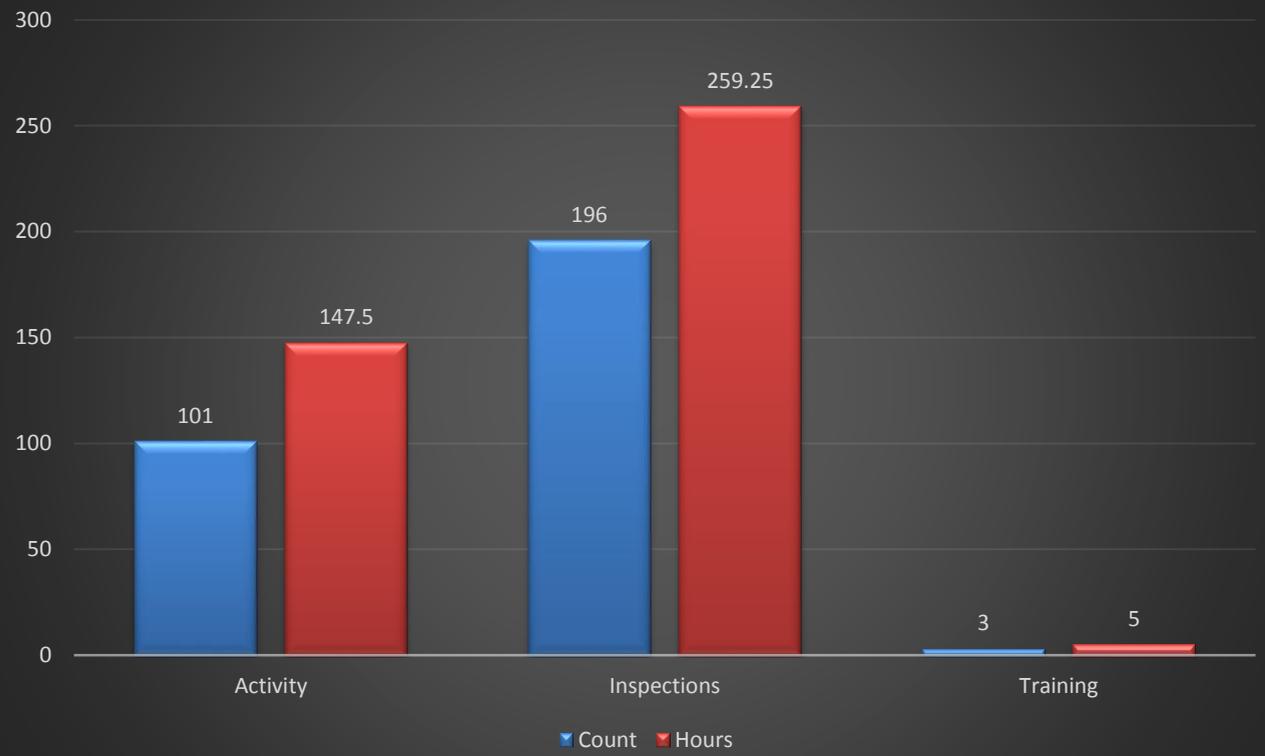
**Performance Target –** Risk in the community are minimized through a proactive code enforcement and public education program, respectively.

**Data Source:** HFD Firehouse Software

**Current Period:** 03/01/2022 - 03/31/2022

### HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
09/21	88	266	
10/21	65	236	
11/21	57	114	
12/21	267	53	
01/22	438	88	
02/22	161	99	
03/22	68	88	



### Attendance

Total Hours Accounted:	411.75	Total Hours Off:	720
Total Hours on Duty:	1292.75	Hours Accounted For:	31.85%

### Recommendations

- ✓ Over 70% of time not accounted for.
- ✓ Input hours accounted with 24 hours.

### Impact

- Reduction of risks in the community as it pertains to our external stakeholders.

# Performance Scorecard

## Community Risk Reduction Division -FM

**Operational Performance Measure:** Decrease avoidable incidents within the City of Hartford.

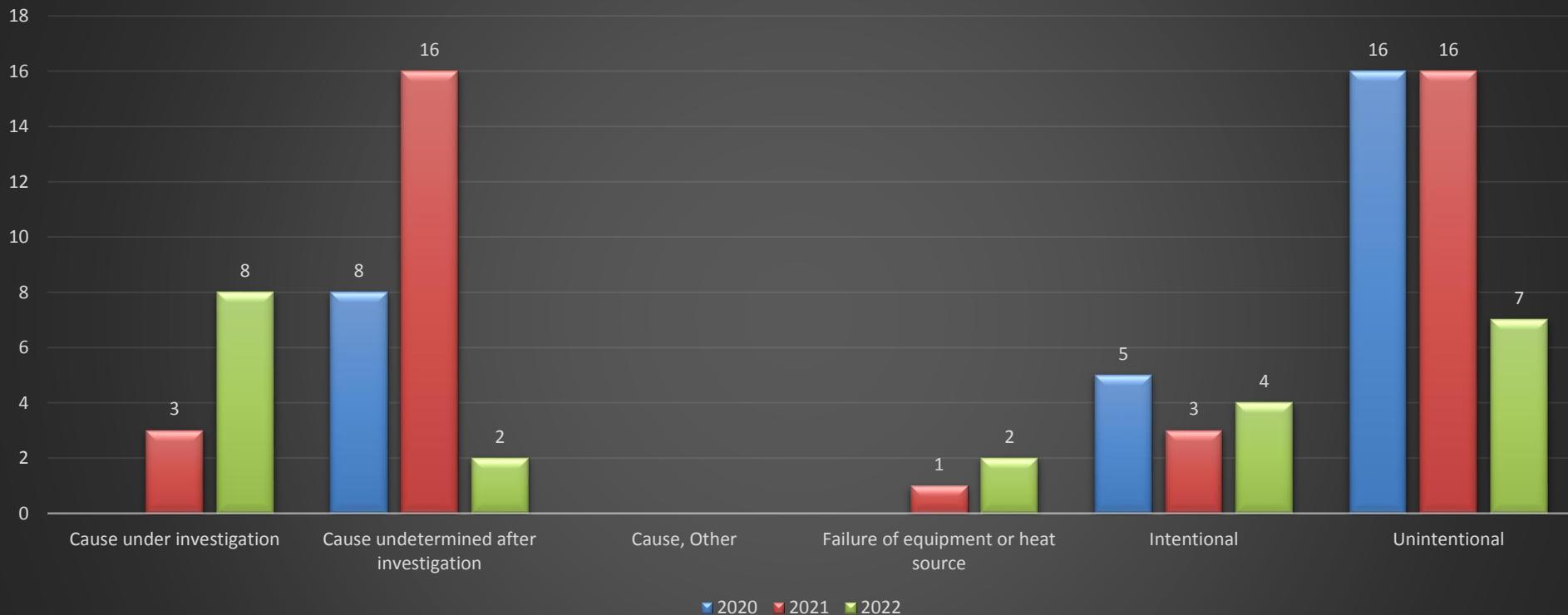


**Data Source:**  
Firehouse Software

**Current Period:**  
03/01/2022 - 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality Code Enforcement, Public Education, & Community Engagement

**Performance Target –** Show a 30% decrease in fires by end of FY2021.



### Analysis

### Recommendations

### Impact

- Unintentional fires are down compared to February.
- Intentional fires are up in comparison to 2020 & 2021.

- ✓ Assess effectiveness of community risk reduction program.
- ✓ Continue to monitor cause of fires.

- Minimization of conflagrations in all parts of the city that are adversely impacted.

# COMMUNITY RISK REDUCTION – SPECIAL SERVICES UNIT



"Goal Oriented, Results Driven"

# Performance Scorecard

## Community Risk Reduction

### Division -SSU



**Operational Performance Measure:** Decrease avoidable incidents within the City of Hartford.

**HFD Strategic Priorities:**  
Provide Public Education, & Community Engagement

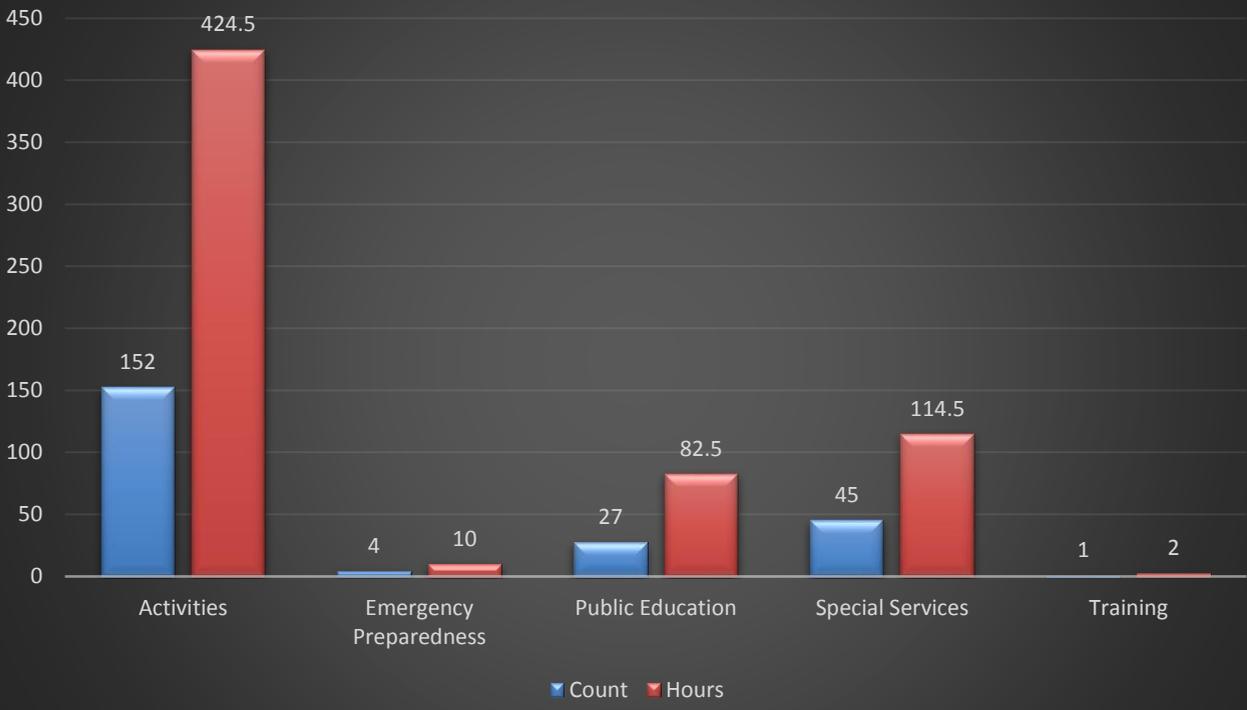
**Performance Target –** Reduction in Residential Structure Fires by 20% by 1<sup>st</sup> Quarter 2021.

**Data Source:** HFD Firehouse Software

**Current Period:** 03/01/2022 - 03/31/2022

### HISTORICAL ANALYSIS

Reporting Period	01/22	02/22	03/22
Total Activities	61	87	229
Total Adults	14761	333	328
Total Children	168	20	109
Smoke Detector	19	7	14
Car Seats	0	2	2



### Attendance

Total Hours Accounted:	633.5	Total Hours Off:	50
Total Hours on Duty:	660	Hours Accounted For:	95.98%

### Recommendations

➤ Excellent community engagement and work in the firehouses.

### Impact

Community is receiving adequate public fire & life safety education. Partnership with FMO has been enhanced.

# TRAINING DIVISION



"Goal Oriented, Results Driven"

# Performance Scorecard

## Training Division

**Operational Performance Measure:** Internal / External Stakeholder Engagement – Increase public /personnel awareness about the City of Hartford Fire Department.



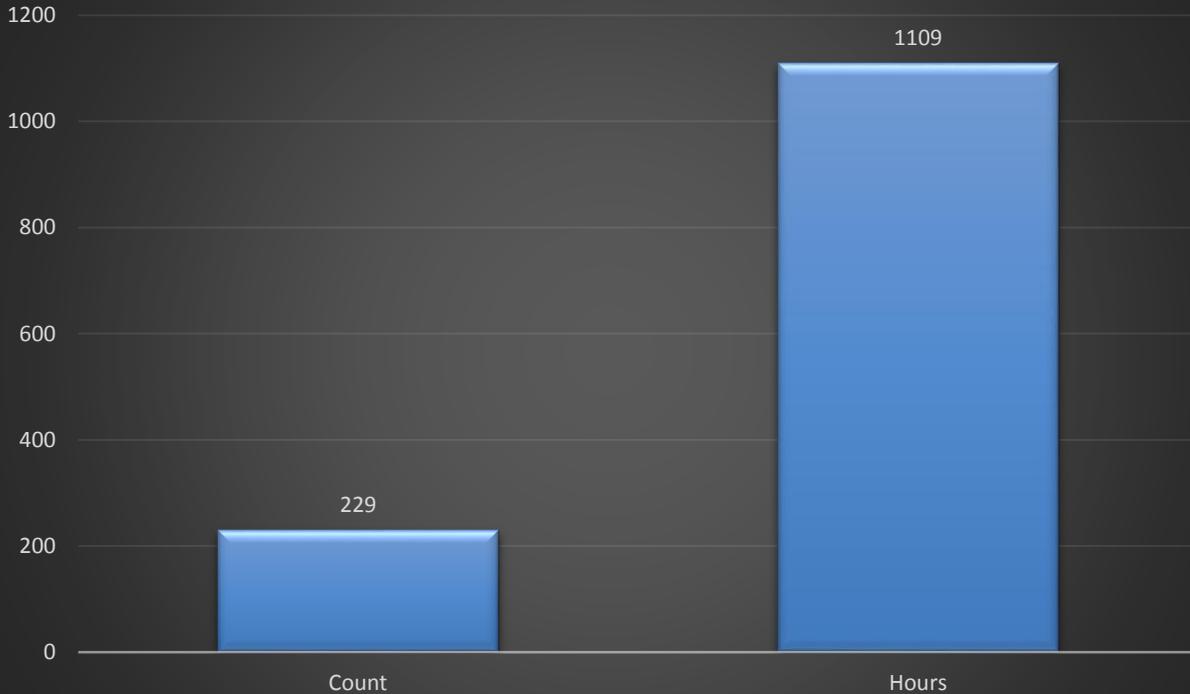
**HFD Strategic Priorities:**  
Provide Mandated Training to Hartford Fire Department Personnel

**Performance Target** – Adequately train members of the HFD in proficiency topics that assist with sharpening knowledge, skills, and abilities.

**Data Source:** HFD Firehouse Software

**Current Period:** 03/01/2022 – 03/31/2022

### HISTORICAL ANALYSIS



### Attendance

### Recommendations

### Impact

<b>Total Hours Accounted:</b>	<b>1109</b>	<b>Total Hours Off:</b>	<b>140</b>
<b>Total Hours on Duty:</b>	<b>1175</b>	<b>Hours Accounted For:</b>	<b>94.38%</b>

Outstanding work by our Training Division personnel. Job well done.

- Workforce that is compliant with ISO and CONOSHA requirements.

Excellent time accounted for.

# EQUIPMENT MAINTENANCE DIVISION



"Goal Oriented, Results Driven"

# Performance Scorecard

## Equipment Maintenance Division

**Operational Performance Measure: Internal / External Stakeholder Engagement** – Increase public /personnel awareness about the City of Hartford Fire Department.

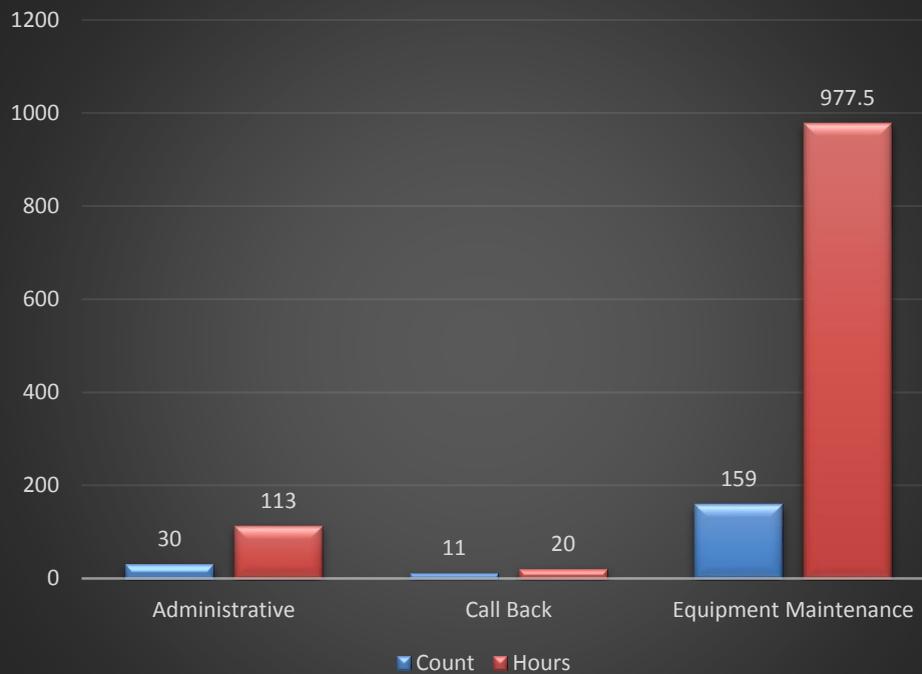
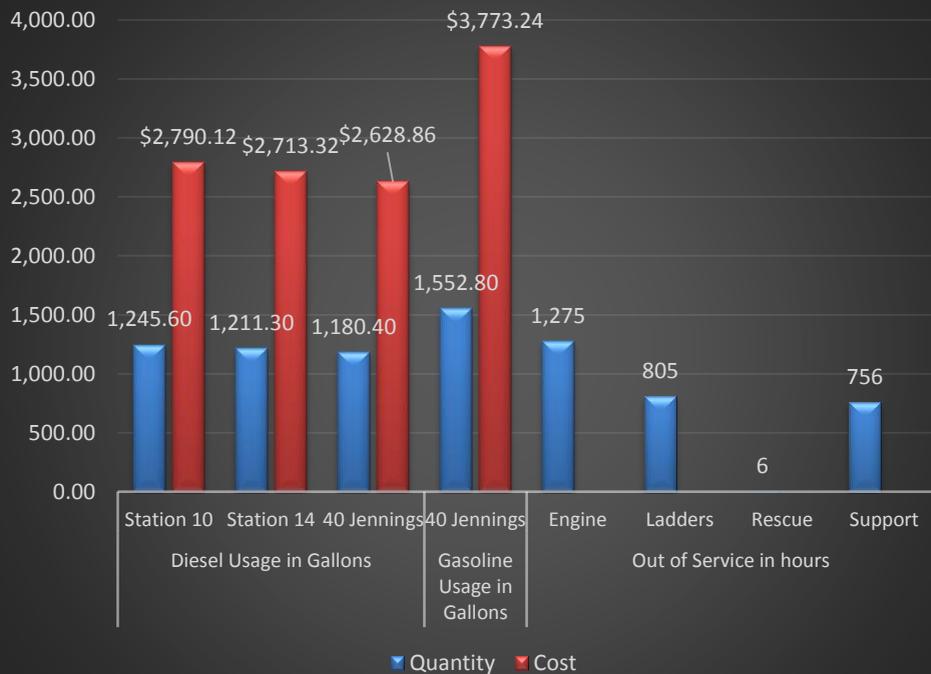


**Data Source:**  
HFD Firehouse Software

**Current Period:**  
03/01/2022 – 03/31/2022

**HFD Strategic Priorities:**  
Provide Quality & Timely Equipment Maintenance to All Apparatus/Equipment

**Performance Target** – Respond in a timely manner when sequestered by ESD/Support Services.



### Attendance

<b>Total Hours Accounted:</b>	<b>1110.5</b>	<b>Total Hours Off:</b>	<b>570</b>
<b>Total Hours on Duty:</b>	<b>1124.5</b>	<b>Hours Accounted For:</b>	<b>98.76%</b>

### Recommendations

- Strong work from EMD.
- 90% of time must be accounted for.

### Impact

- Safe repair and maintenance of fire department tools, equipment, and apparatus.

# F.A.C.T. DIVISION



"Goal Oriented, Results Driven"

# Performance Scorecard

## F.A.C.T. Division

**Operational Performance Measure: Internal / External Stakeholder Engagement** – Increase public /personnel awareness and safety for the City of Hartford & the Hartford Fire Department.



**HFD Strategic Priorities:**

Provide Quality I.T. & Technical Assistance to HFD

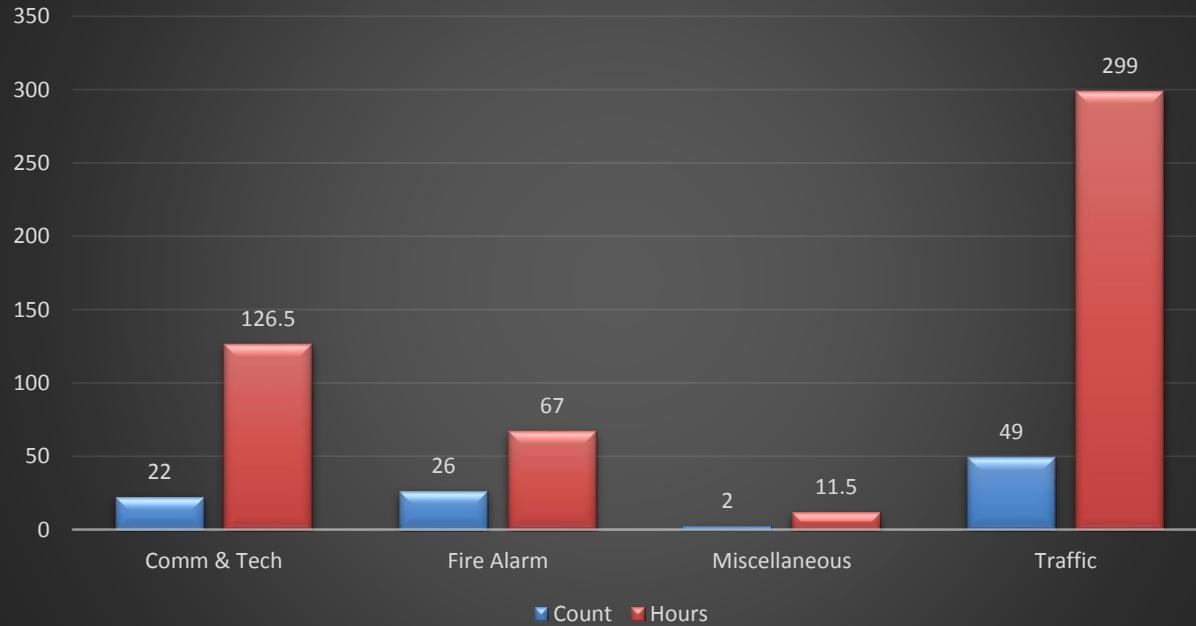
**Performance Target** – Mitigate a diverse portfolio of service calls.

**Data Source:** HFD Firehouse Software

**Current Period:** 03/01/2022 – 03/31/2022



### 544 Call Before You Digs



### Attendance

<b>Total Hours Accounted:</b>	<b>504</b>	<b>Total Hours Off:</b>	<b>50</b>
<b>Total Hours on Duty:</b>	<b>512.5</b>	<b>Hours Accounted For:</b>	<b>98.34%</b>

### Recommendations

- ✓ Excellent overall work.
- ✓ 90% of time must be accounted for.

### Impact

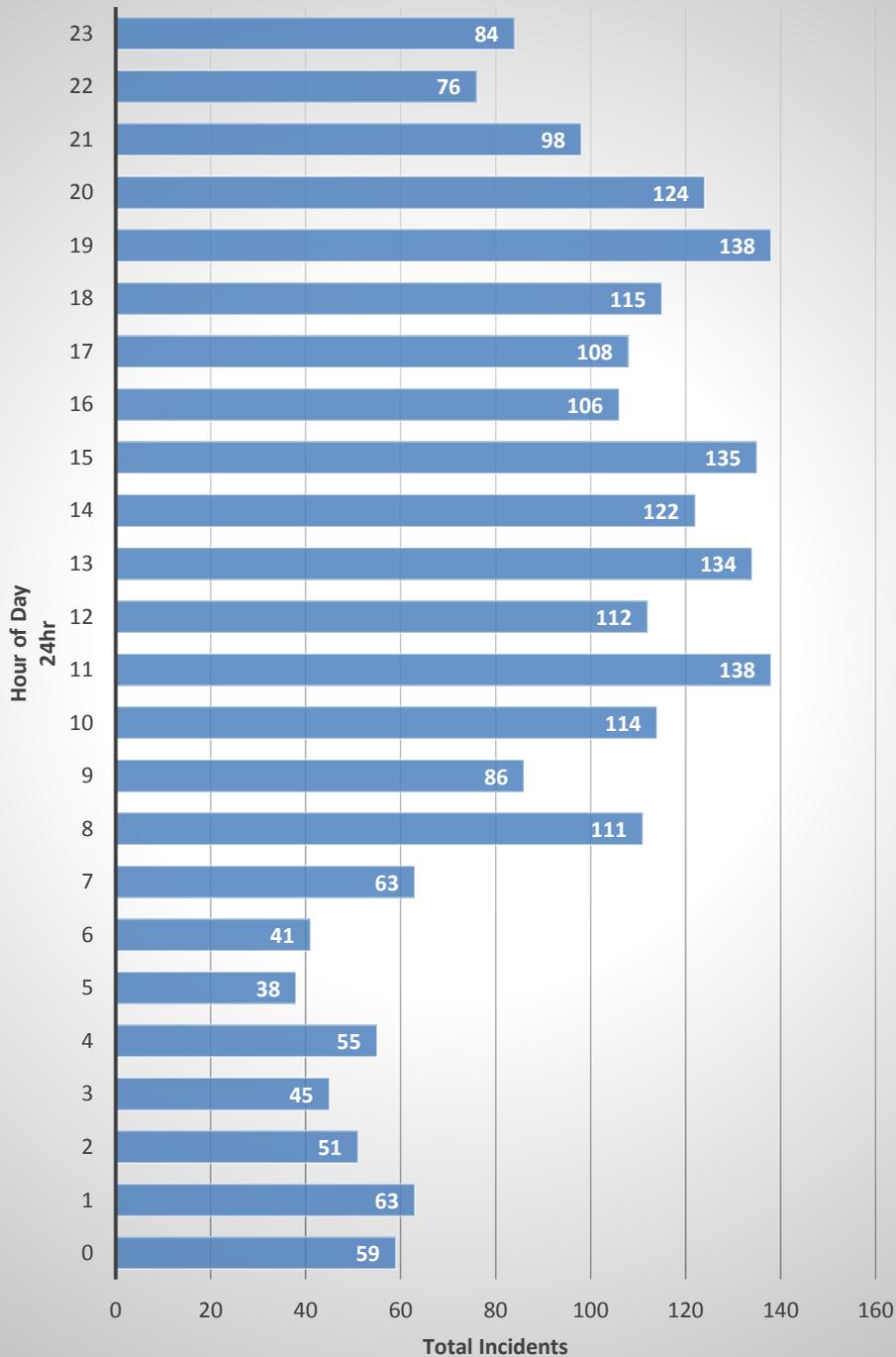
- IS&IT execution of relevant duties and responsibilities.

# EMERGENCY RESPONSE DATA

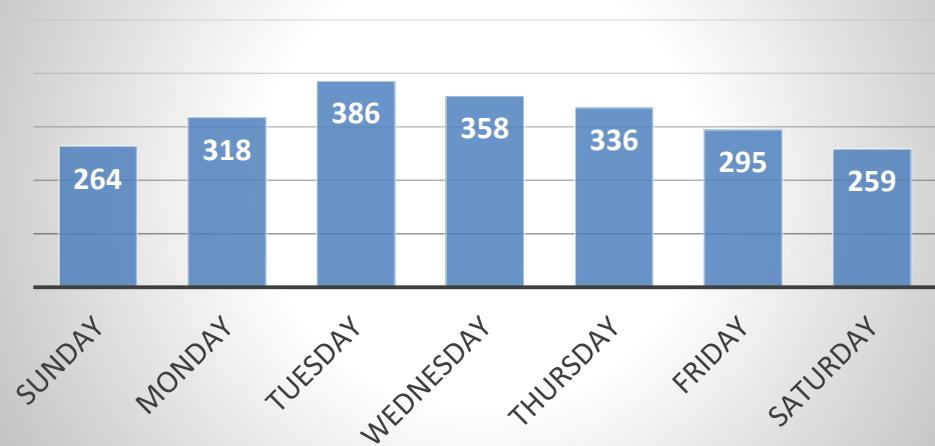


"Goal Oriented, Results Driven"

## Incidents by Hour



## Incidents by Day of Week



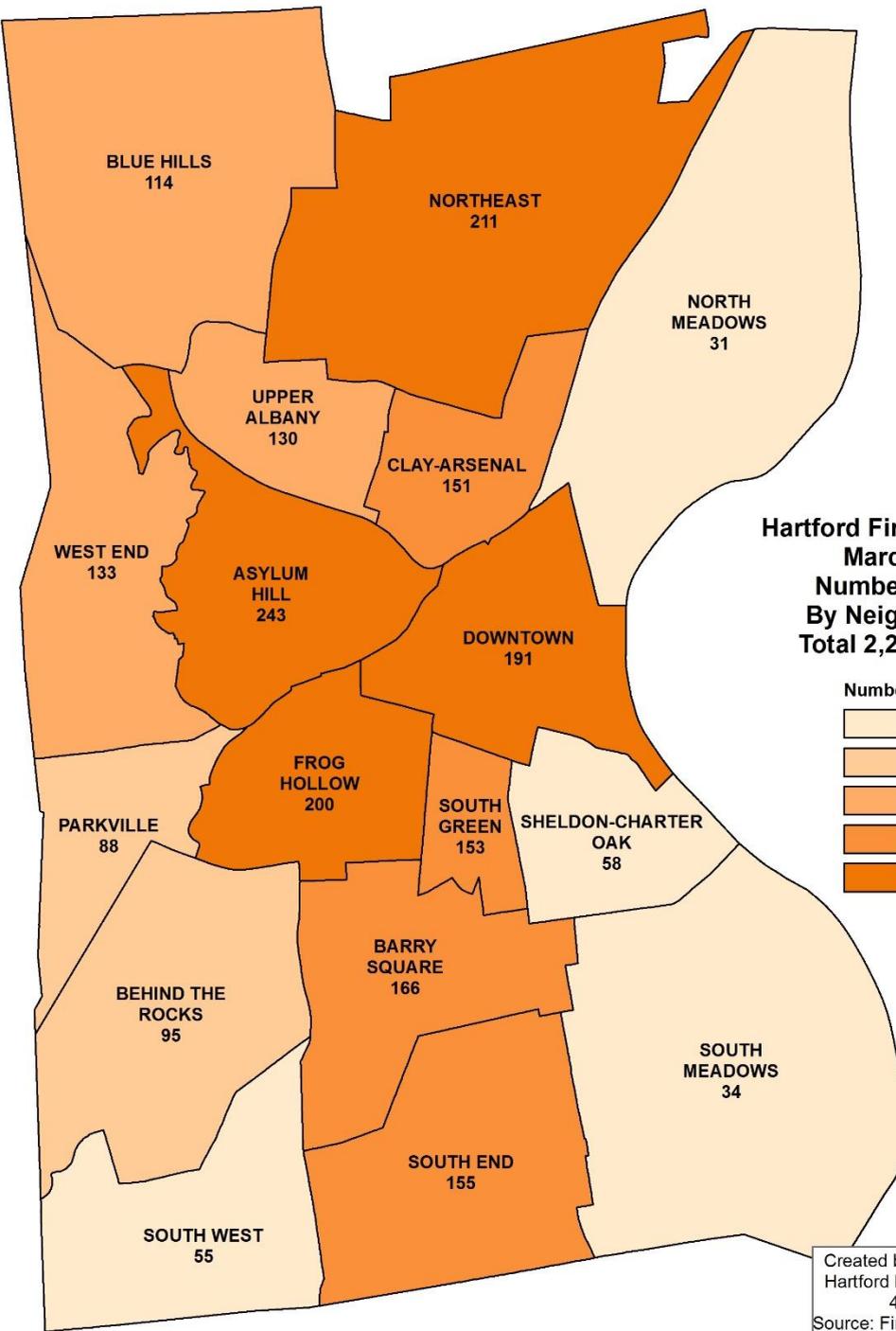
### Top 5 Calls for Service

Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	741
311	Medical assist, assist EMS crew	496
622	No incident found on arrival at dispatch address	125
500	Service Call, other	122
381	Rescue or EMS standby	95

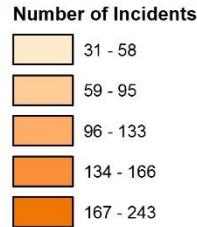
### Incidents by Category

Category	Incidents
EMS	1531
SERVICE	290
ALARM	153
UNDEFINE	141
FIRE	58
RESCUE	24
HAZMAT	18

# Incidents by Neighborhood March 2022



**Hartford Fire Department  
March 2022  
Number of Calls  
By Neighborhood  
Total 2,215 of Calls**

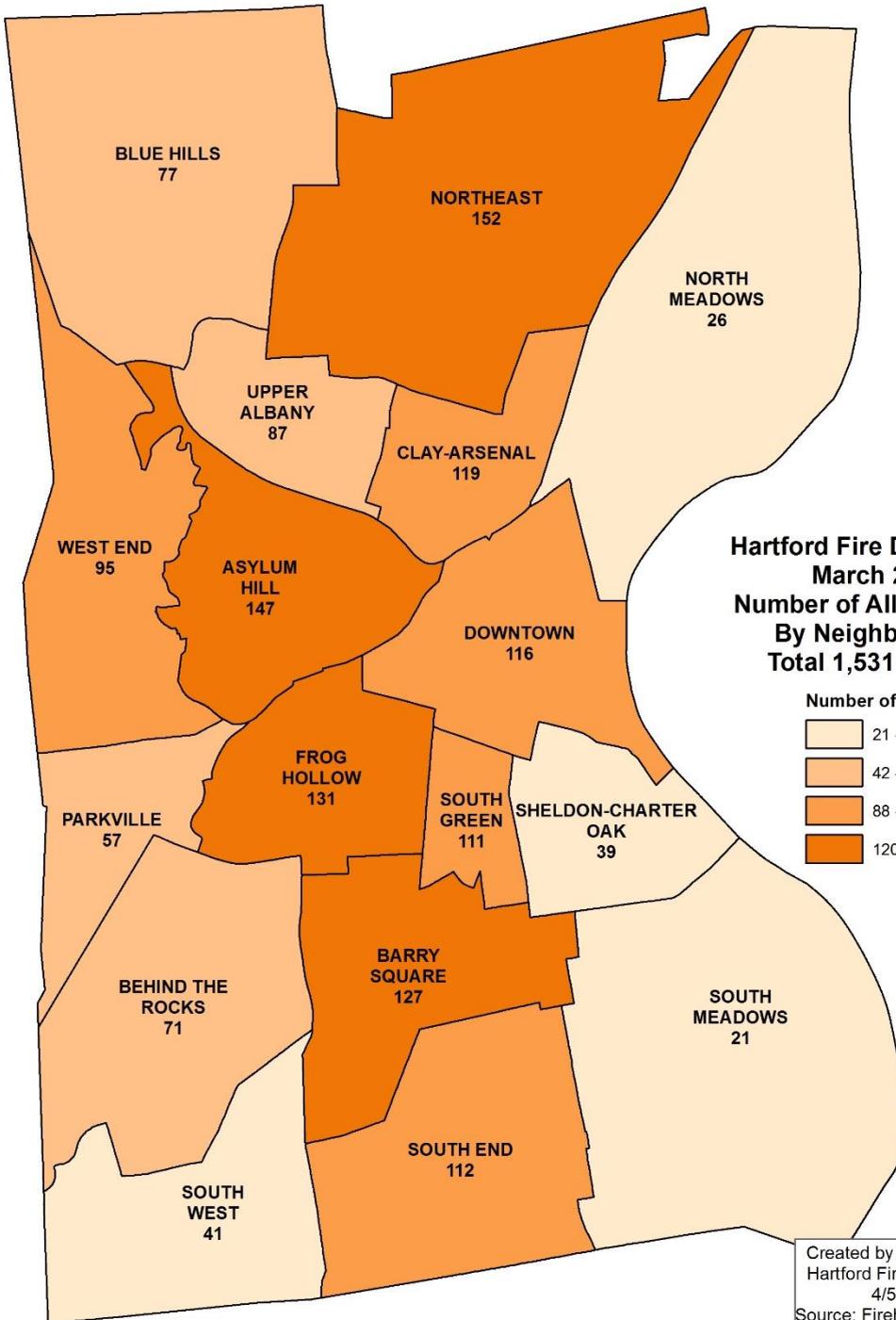


Neighborhood	Count
ASYLUM HILL	243
NORTHEAST	211
FROG HOLLOW	200
DOWNTOWN	191
BARRY SQUARE	166
SOUTH END	155
SOUTH GREEN	153
CLAY-ARSENAL	151
WEST END	133
UPPER ALBANY	130
BLUE HILLS	114
BEHIND THE ROCKS	95
PARKVILLE	88
SHELDON-CHARTER OAK	58
SOUTH WEST	55
SOUTH MEADOWS	34
NORTH MEADOWS	31

Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 2,208  
Not Geocoded: 7

# EMS

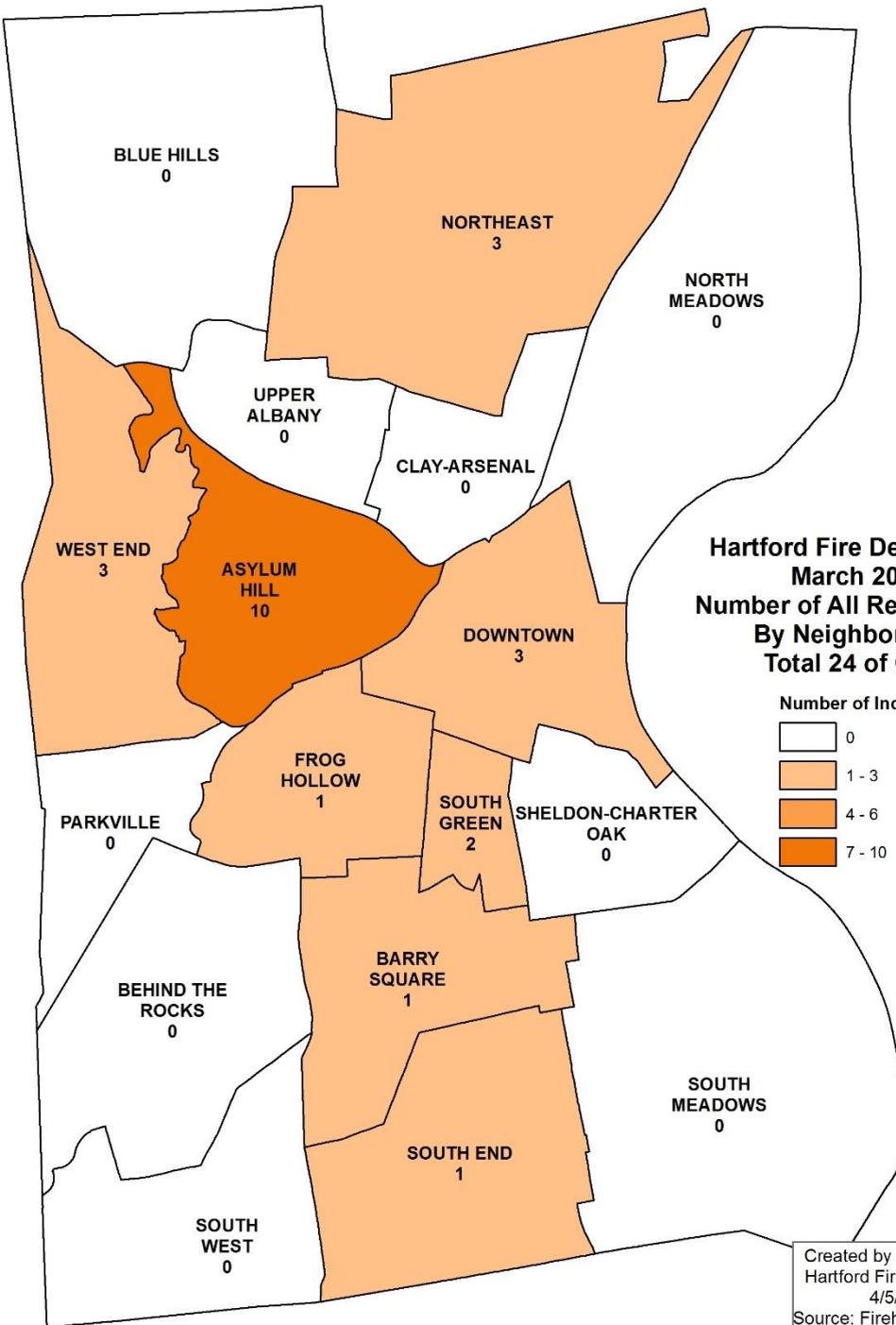
## March 2022



Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	741
311	Medical assist, assist EMS crew	496
381	Rescue or EMS standby	95
322	Motor vehicle accident with injuries	81
324	Motor Vehicle Accident with no injuries	57
300	Rescue, EMS incident, other	30
510	Person in distress, Other	25
323	Motor vehicle/pedestrian accident (MV Ped)	6

Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded 1,529  
Not Geocoded: 2

# Rescue Calls March 2022

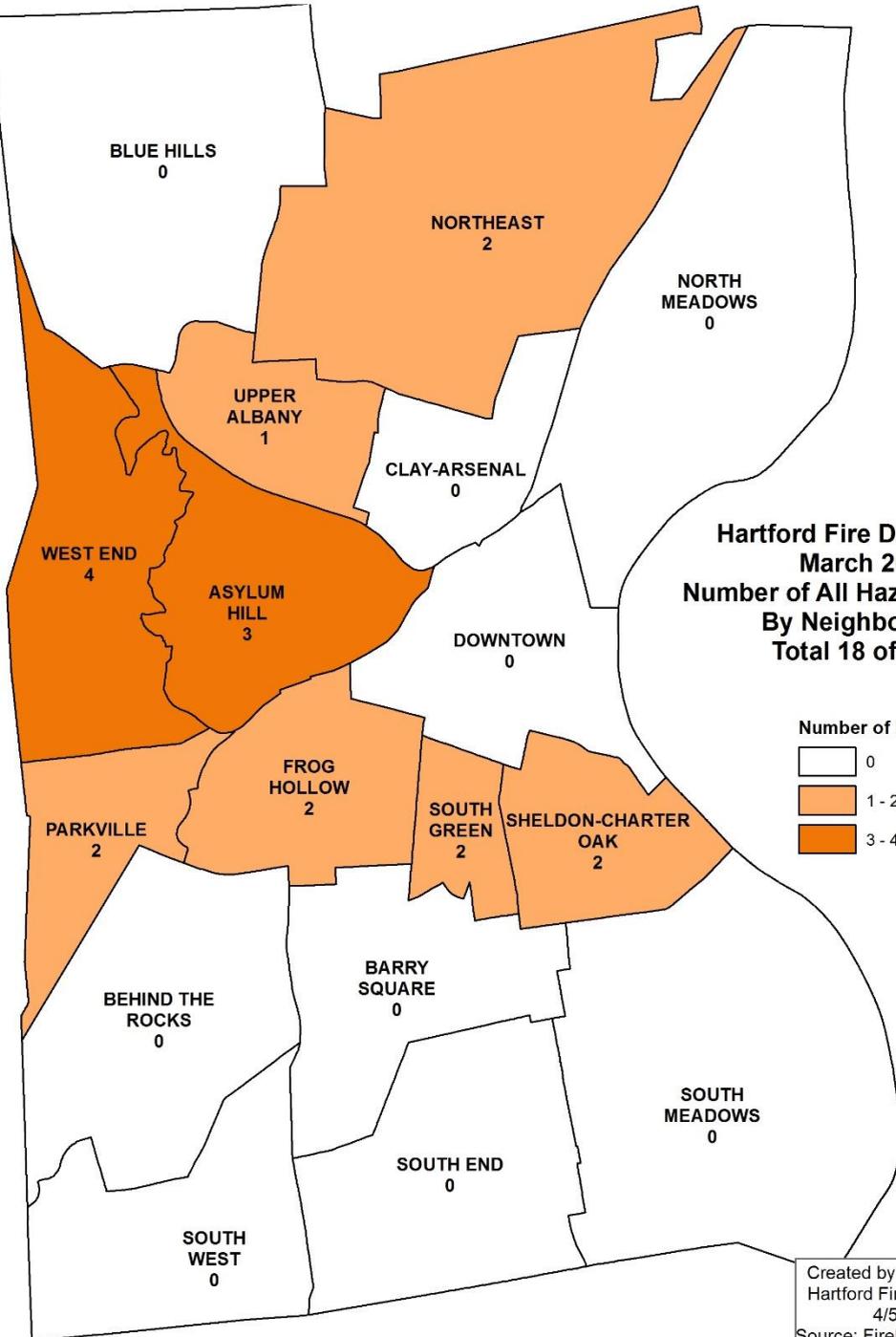


Incident Type	Description	Count
353	Removal of victim(s) from stalled elevator	13
352	Extrication of victim(s) from vehicle	5
511	Lock-out	3
331	Lock-in (if lock out , use 511 )	2
512	Ring or jewelry removal	1

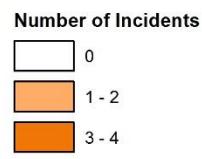
Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 24  
Not Geocoded: 0

# Hazardous Materials

## March 2022

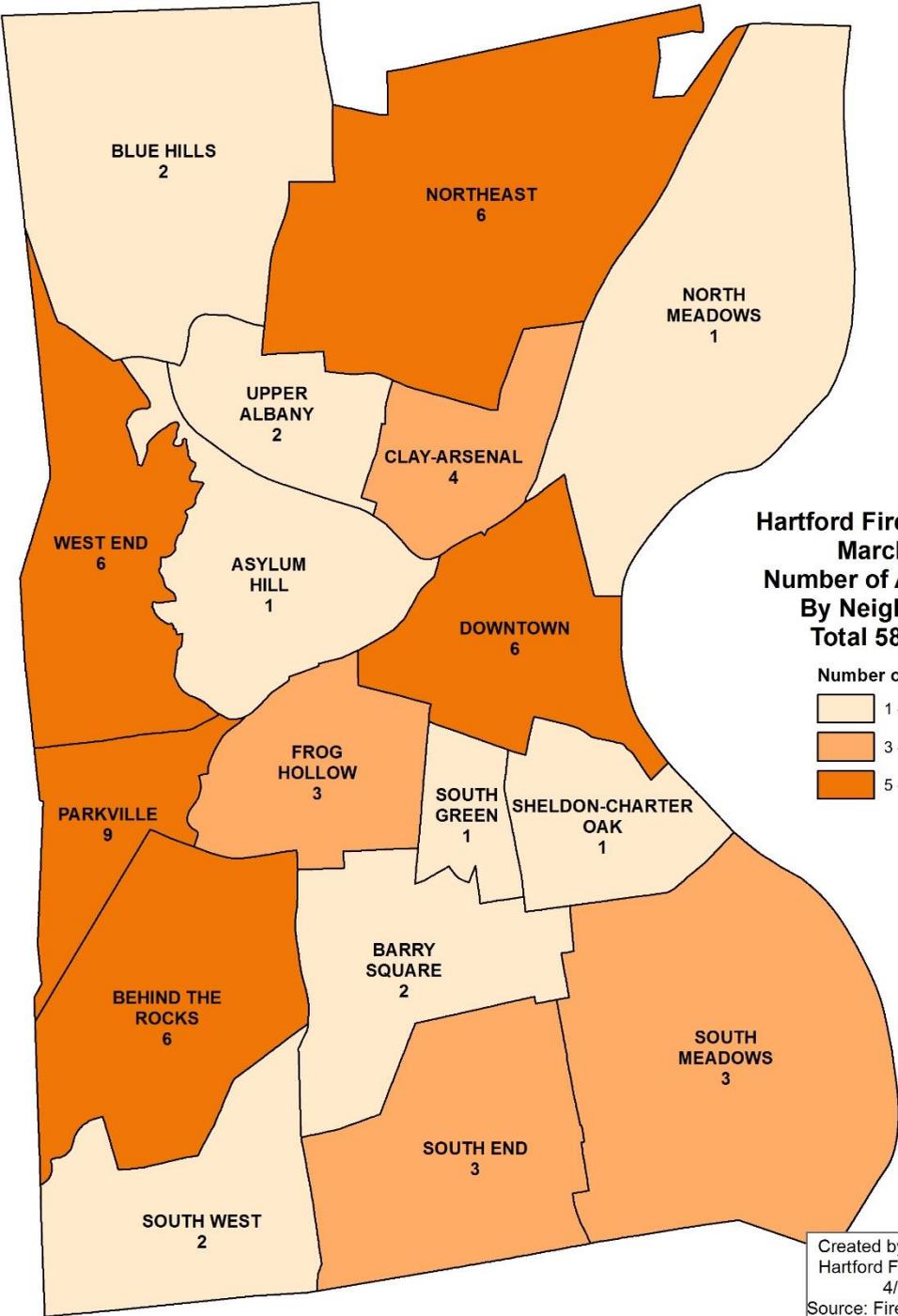


Incident Type	Description	Count
412	Gas leak (natural gas or LPG)	8
400	Hazardous condition, Other	4
463	Vehicle accident, general cleanup	3
424	Carbon monoxide incident	2
460	Accident, potential accident, Other	1



Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 18  
Not Geocoded: 0

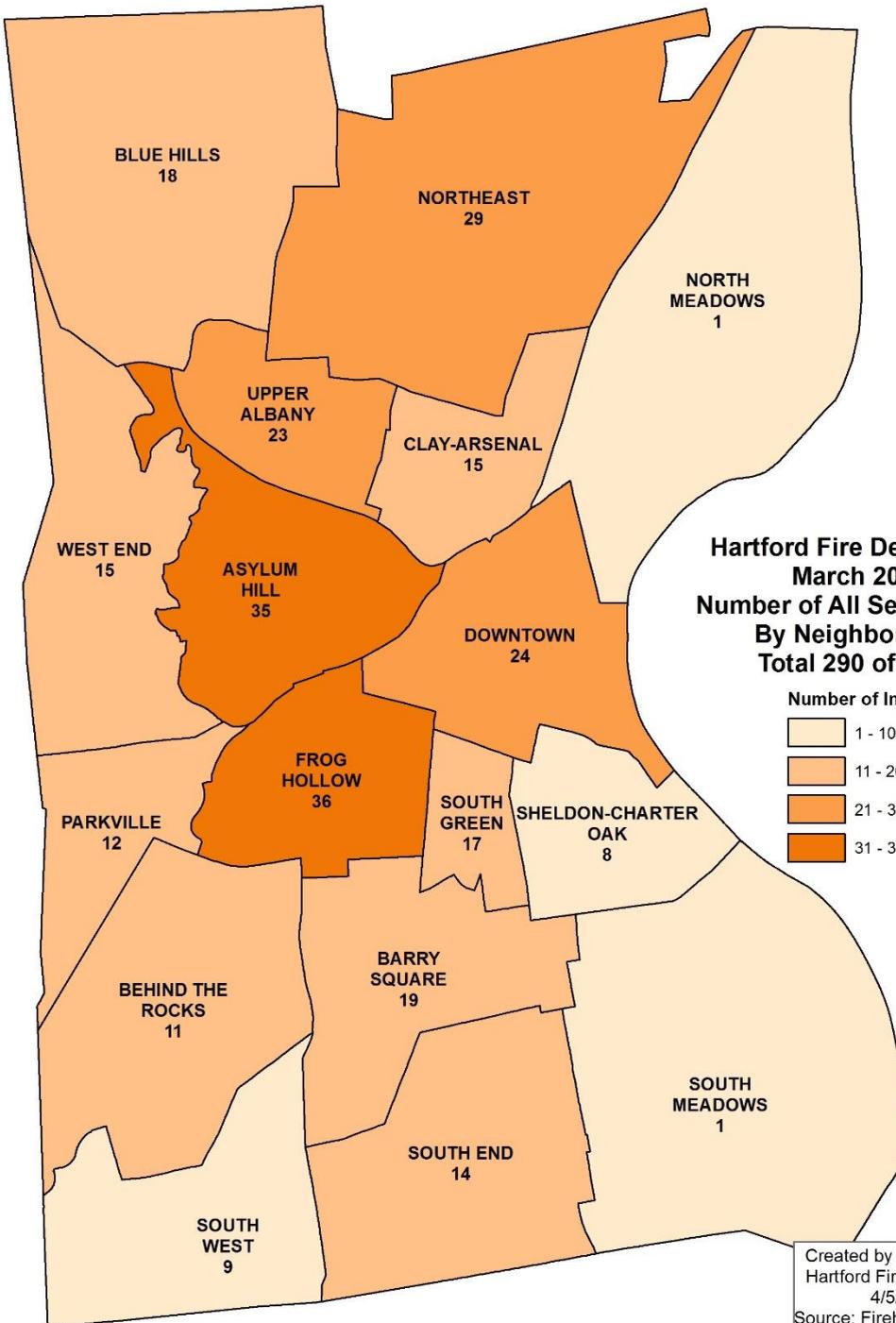
# All Fires March 2022



Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 58  
Not Geocoded: 0

Incident Type	Description	Count
111	Building fire	17
131	Passenger vehicle fire	10
151	Outside rubbish, trash or waste fire	8
154	Dumpster or other outside trash receptacle fire	4
118	Trash or rubbish fire, contained	4
100	Fire, Other	3
113	Cooking fire, confined to container	2
150	Outside rubbish fire, Other	2
142	Brush or brush-and-grass mixture fire	2
116	Fuel burner/boiler malfunction, fire confined	2
112	Fires in structure other than in a building	1
140	Natural vegetation fire, Other	1
141	Forest, woods or wildland fire	1
130	Mobile property (vehicle) fire, Other	1

# Service Calls March 2022

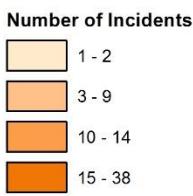
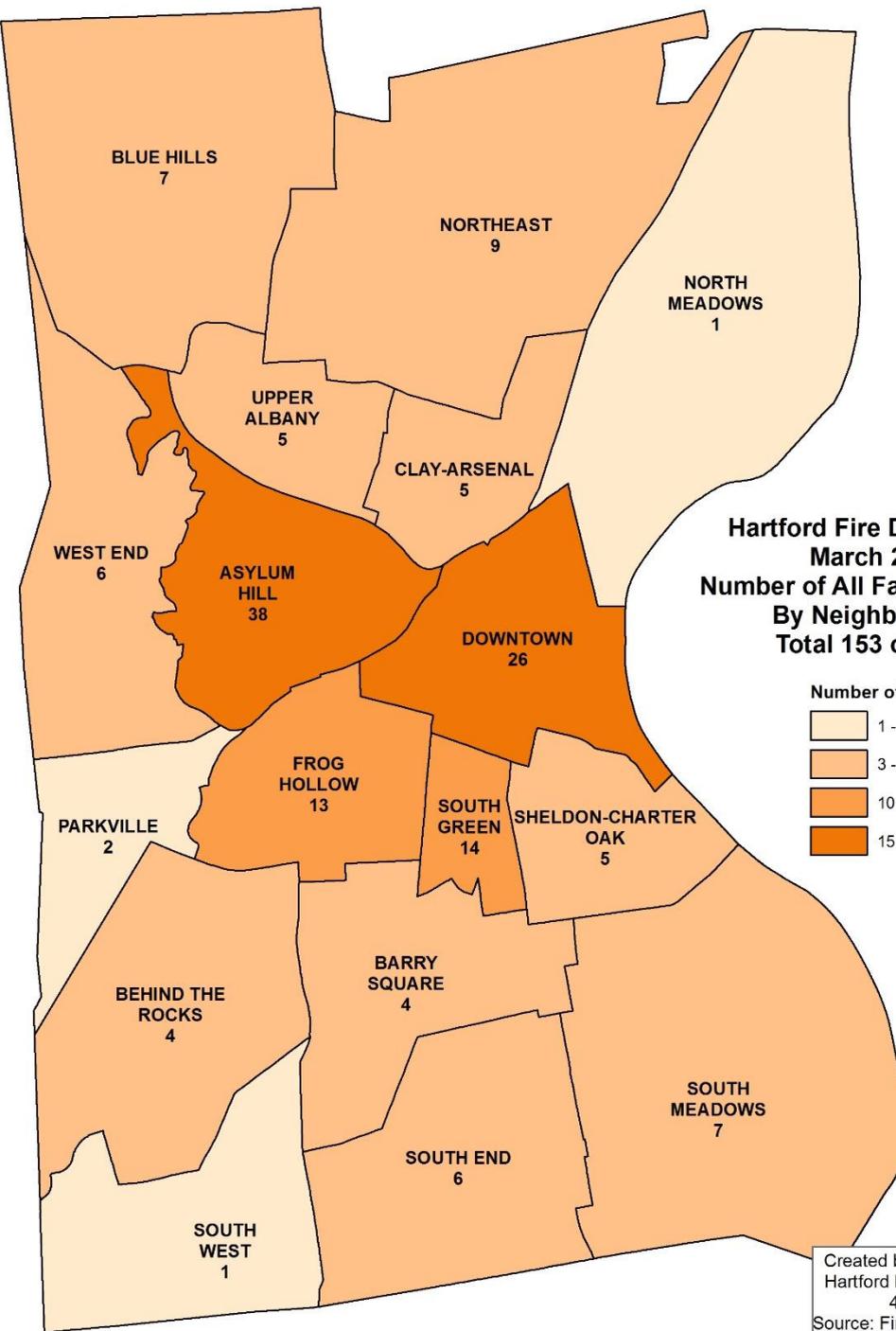


Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 287  
Not Geocoded: 3

Incident Type	Description	Count
500	Service Call, other	122
552	Police matter	69
531	Smoke or odor removal	33
553	Public service	30
520	Water problem, Other	15
444	Power line down	7
550	Public service assistance, Other	4
571	Cover assignment, standby, moveup	3
554	Assist invalid	2
440	Electrical wiring/equipment problem, Other	2
442	Overheated motor	1
445	Arcing, shorted electrical equipment	1
555	Defective elevator, no occupants	1

# Fire Alarms

## March 2022

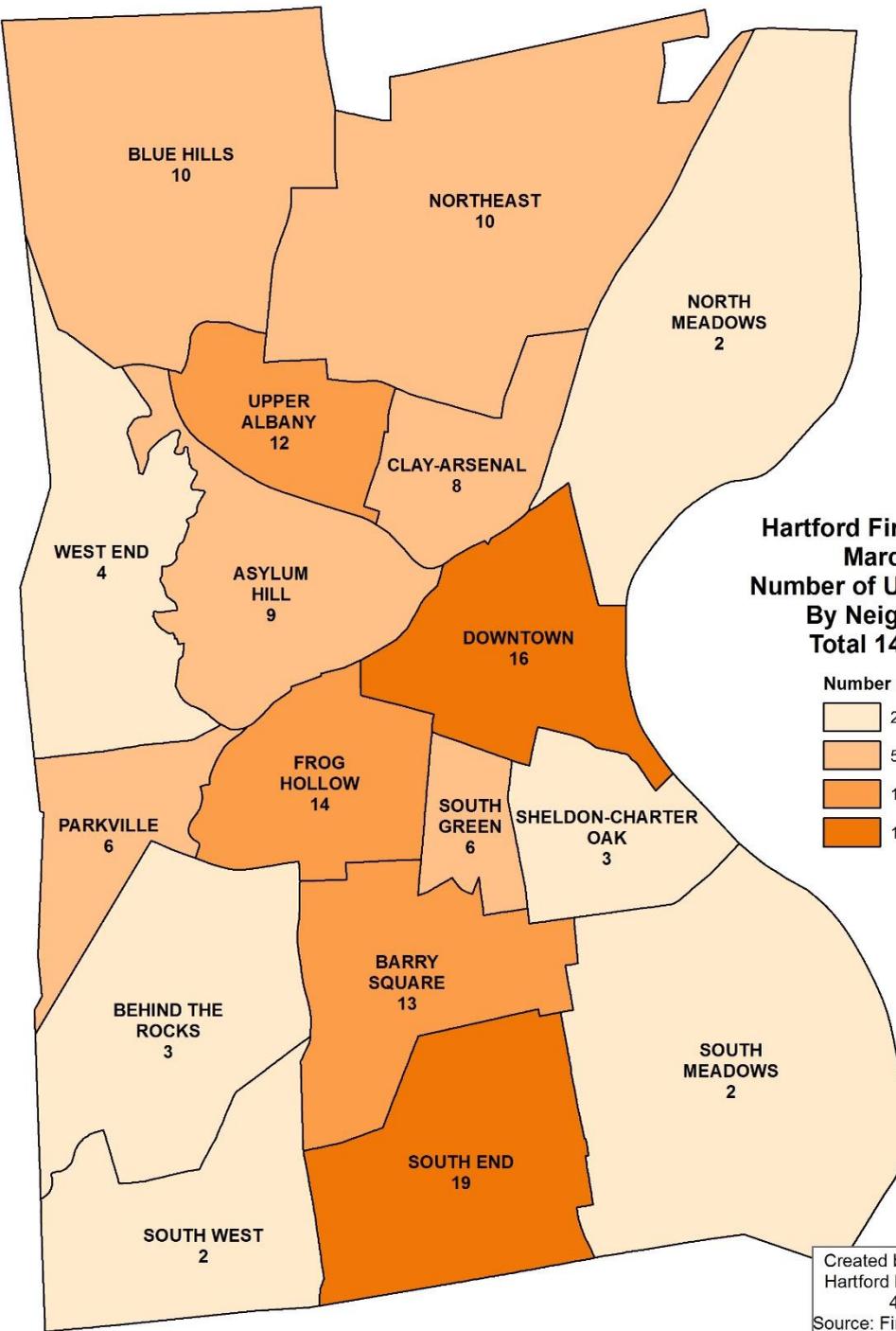


Incident Type	Description	Count
745	Alarm system activation, no fire - unintentional	52
743	Smoke detector activation, no fire - unintentional	39
735	Alarm system sounded due to malfunction	16
710	Malicious, mischievous false call, Other	14
730	System malfunction, Other	8
733	Smoke detector activation due to malfunction	8
740	Unintentional transmission of alarm, Other	6
700	False alarm or false call, Other	3
744	Detector activation, no fire - unintentional	2
711	Municipal alarm system, malicious false alarm	2
741	Sprinkler activation, no fire - unintentional	2
714	Central station, malicious false alarm	1

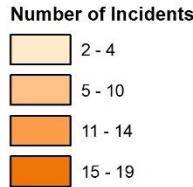
Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 153  
Not Geocoded: 0

# Undefined Calls

## March 2022



**Hartford Fire Department  
March 2022  
Number of Undefined Calls  
By Neighborhood  
Total 141 of Calls**

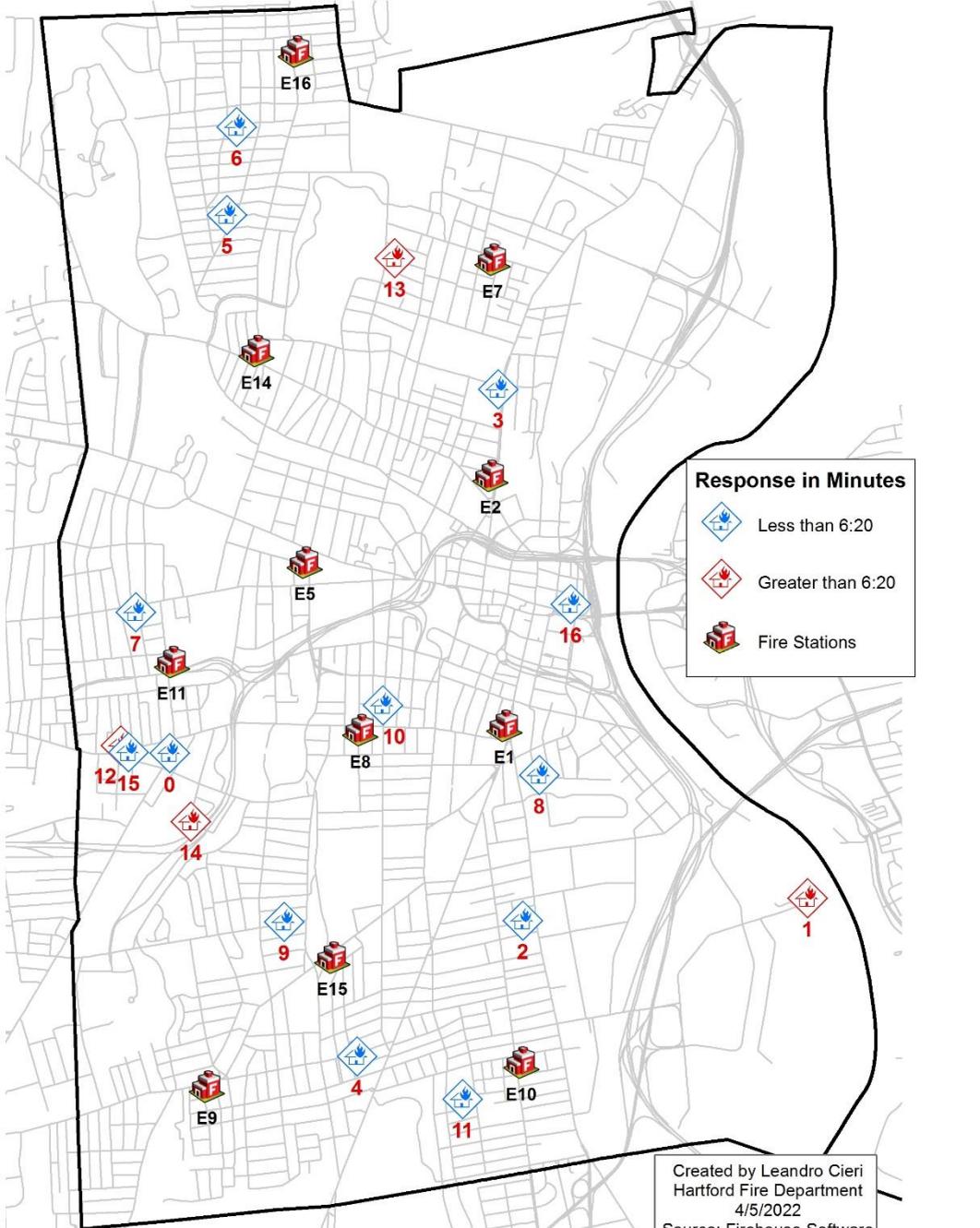


Created by Leandro Cieri  
Hartford Fire Department  
4/5/2022  
Source: Firehouse Software  
Geocoded: 139  
Not Geocoded: 2

Incident Type	Description	Count
622	No Incident found on arrival at dispatch address	125
900	Special type of incident, Other	4
600	Good intent call, Other	3
621	Wrong location	3
661	EMS call, party transported by non-fire agency	2
650	Steam, Other gas mistaken for smoke, Other	2
911	Citizen complaint	1
611	Dispatched & cancelled en route	1

# Location of Structure Fires In Relationship to Fire Stations

Key	Incident Number	Response
0	22-089086	0:06:19
1	22-089072	0:08:24
2	22-089054	0:03:52
3	22-088021	0:03:34
4	22-084066	0:06:03
5	22-082052	0:03:27
6	22-081060	0:06:10
7	22-080067	0:06:06
8	22-080051	0:04:55
9	22-079052	0:05:14
10	22-079012	0:05:04
11	22-078021	0:05:34
12	22-078007	0:06:58
13	22-077050	0:08:03
14	22-077035	0:07:33
15	22-075035	0:05:53
16	22-067015	0:04:04



**Response in Minutes**

- Less than 6:20
- Greater than 6:20
- Fire Stations

Created by Leandro Cieri  
 Hartford Fire Department  
 4/5/2022  
 Source: Firehouse Software  
 Geocoded: 17  
 Not Geocoded: 0

# QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"