



City of Hartford
FIRE DEPARTMENT

FIRESTAT

July 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

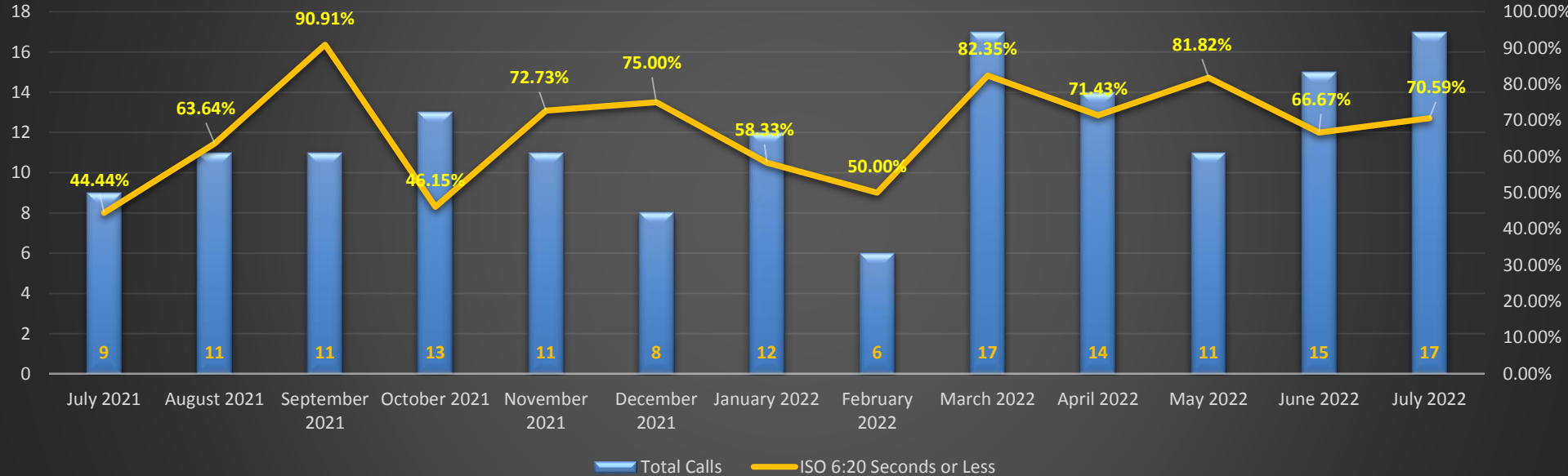
Current Period:
07/01/2022 - 07/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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

Structure Fires



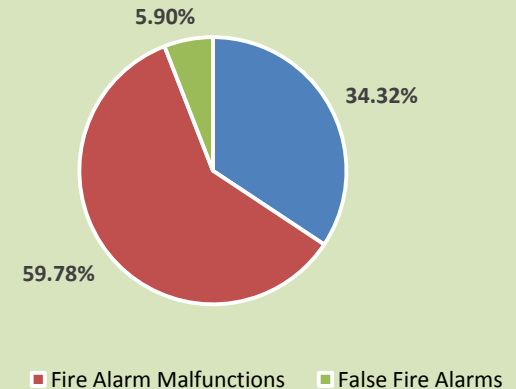
Analysis

Recommendations

Fire Alarms compared to Actual Fires

- Slight increase and more fire duty compared to July 2021.
- Significant improvement in response time performance.

- 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.



EMS Response Scorecard

City-Wide

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



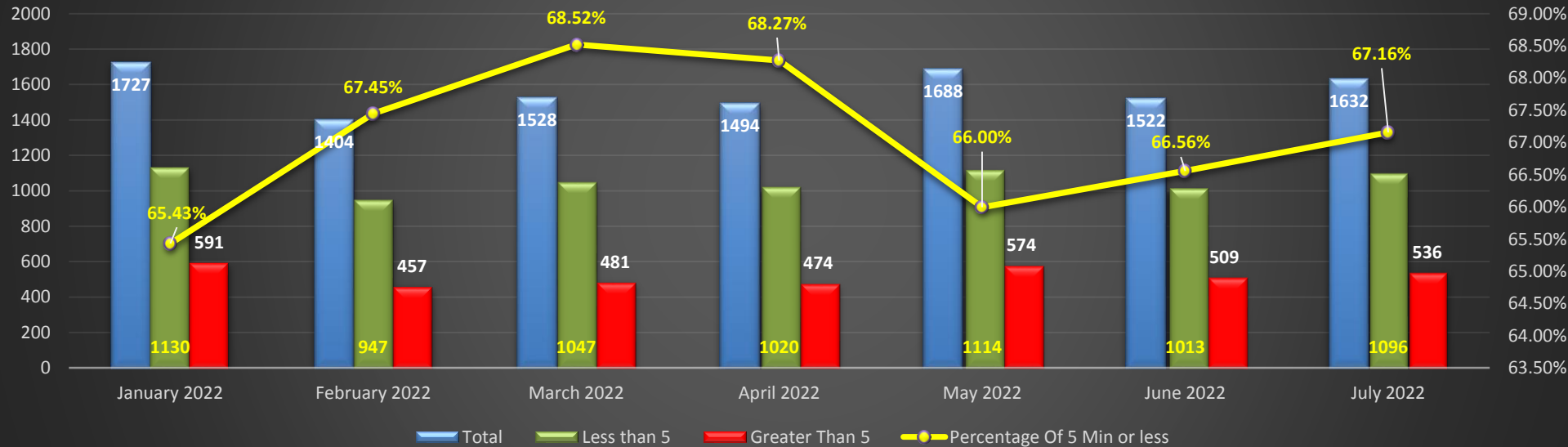
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

➤ Area for improvement in response time performance.

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:
07/01/2022 - 07/31/2022

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

➤ An increase in response time performance of nearly 10% in District 1 geographical area.

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

➤ **Life safety stabilization**

EMS Response Scorecard

District 1

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



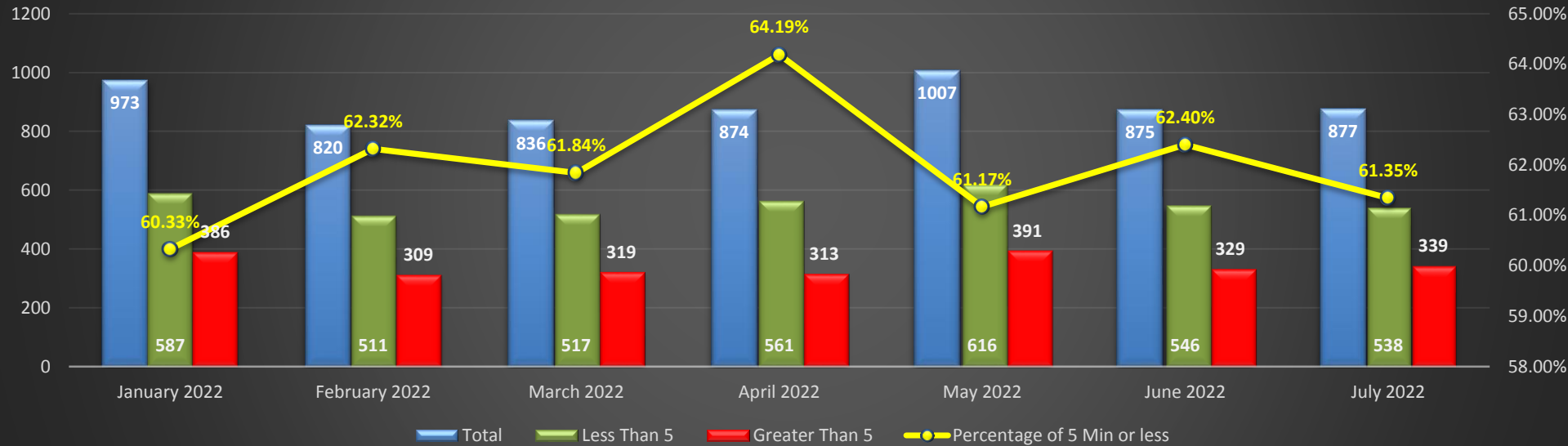
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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 in response time 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

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:
07/01/2022 - 07/31/2022



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

➤ Significant decrease in response time performance in District 2 geographical area.

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

➤ Effective emergency response.

EMS Response Scorecard

District 2

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



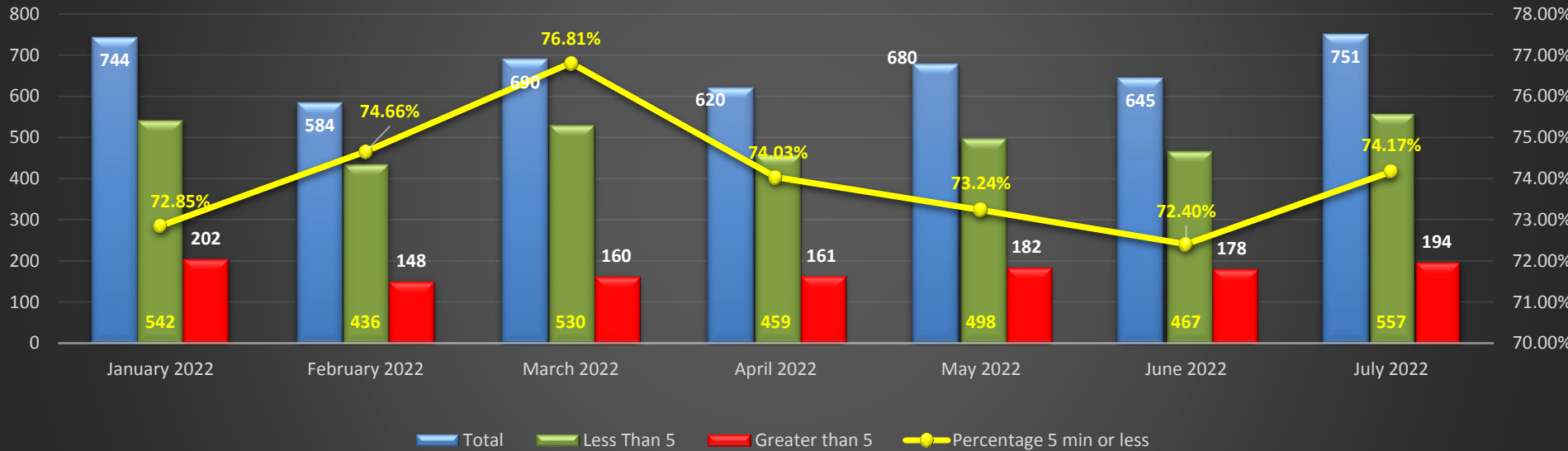
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

➤ Slight decrease when compared to the prior month.

Recommendations

- Continue to re-emphasize importance of EMS responses to members of suppression.
- Investigate below average response times

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 to ISO standards.

Data Source: Firehouse Software

Current Period:
07/01/2022 - 07/31/2022



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

➤ Significant decrease in response time performance.

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

➤ Effective emergency response.

EMS Response Scorecard

Tour A

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



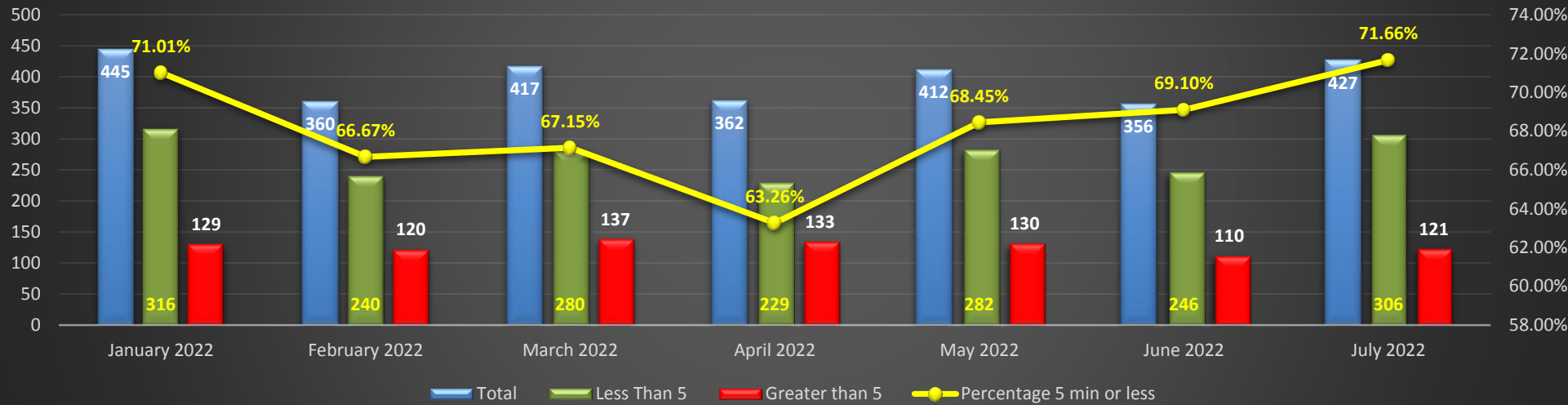
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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 performance.

Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.
➤ Investigate below average response times for A Tour.

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 to ISO standards.

Data Source: Firehouse Software

Current Period:
07/01/2022 - 07/31/2022



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

- Significant decrease in response time performance.

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

- Effective emergency response.

EMS Response Scorecard

Tour B

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



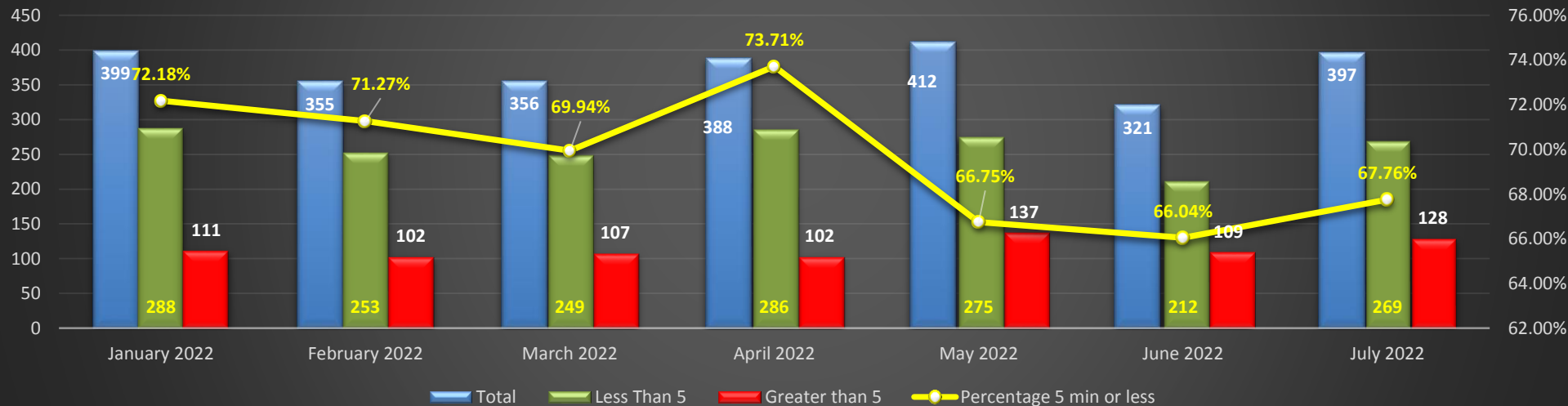
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

➤ Significant declination in response time performance.

Recommendations

- Continue to re-emphasize importance of EMS responses to members of suppression.
- Investigate below average 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 to ISO standards.



Data Source: Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

➤ Significant decrease in response time performance.

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

➤ Efficiency of emergency response.

EMS Response Scorecard

Tour C

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



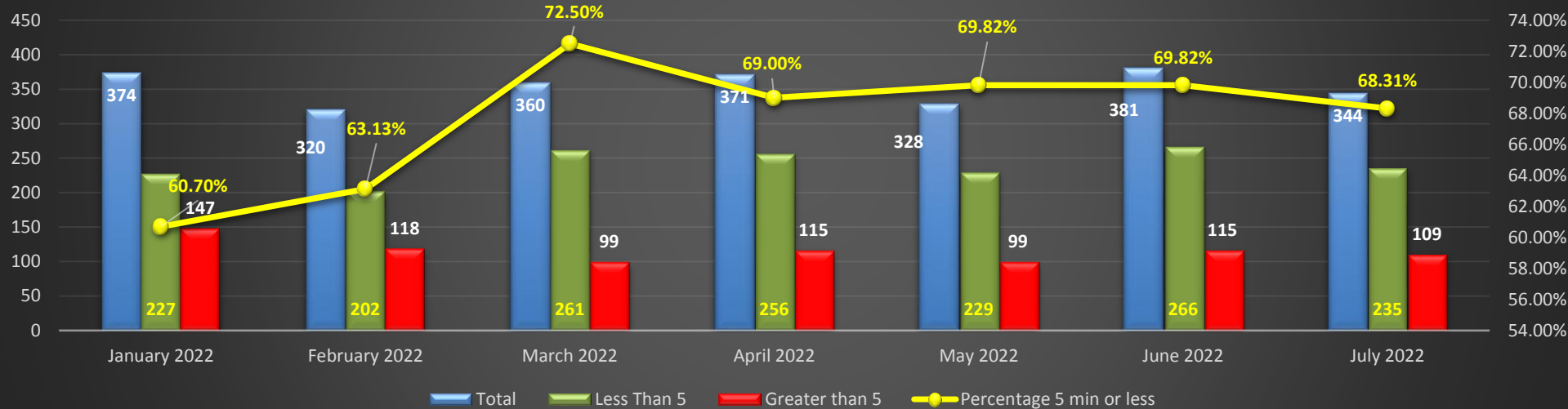
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

➤ Slight decrease in response time performance.

Recommendations

- Continue to re-emphasize importance of EMS responses to members of suppression.
- Investigate below average response times.

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 to ISO standards.



Data Source: Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

- 100% achieved in response time performance.

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

- Life safety incident stabilization.

EMS Response Scorecard

Tour D

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



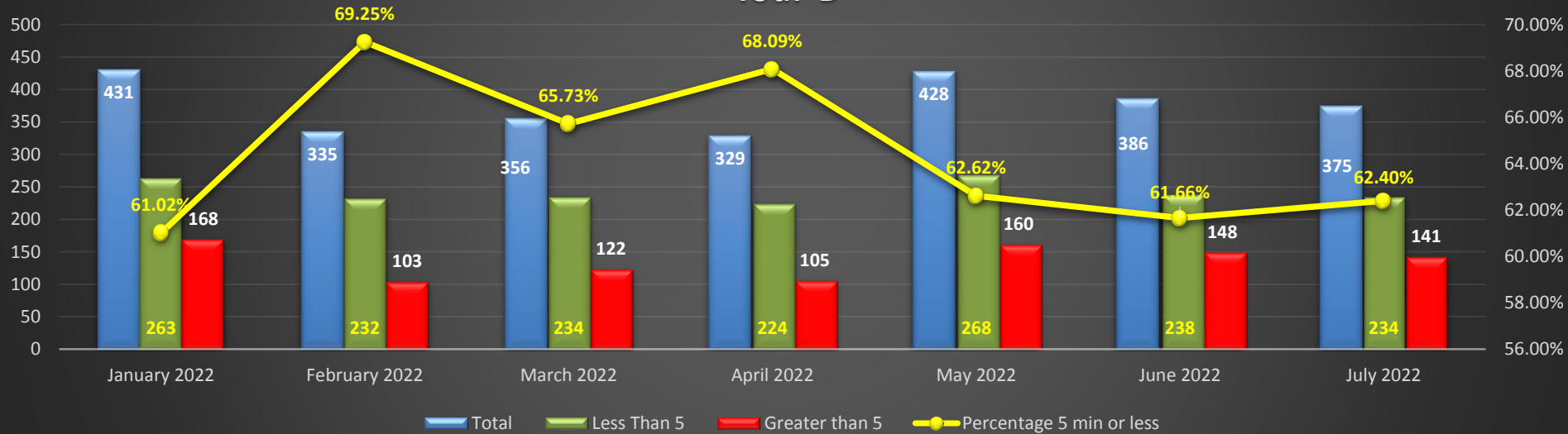
Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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 inclination in response time performance.

Recommendations

➤ Continue to re-emphasize importance of EMS responses to members of suppression.
➤ Strive to attain benchmark goal each month.

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

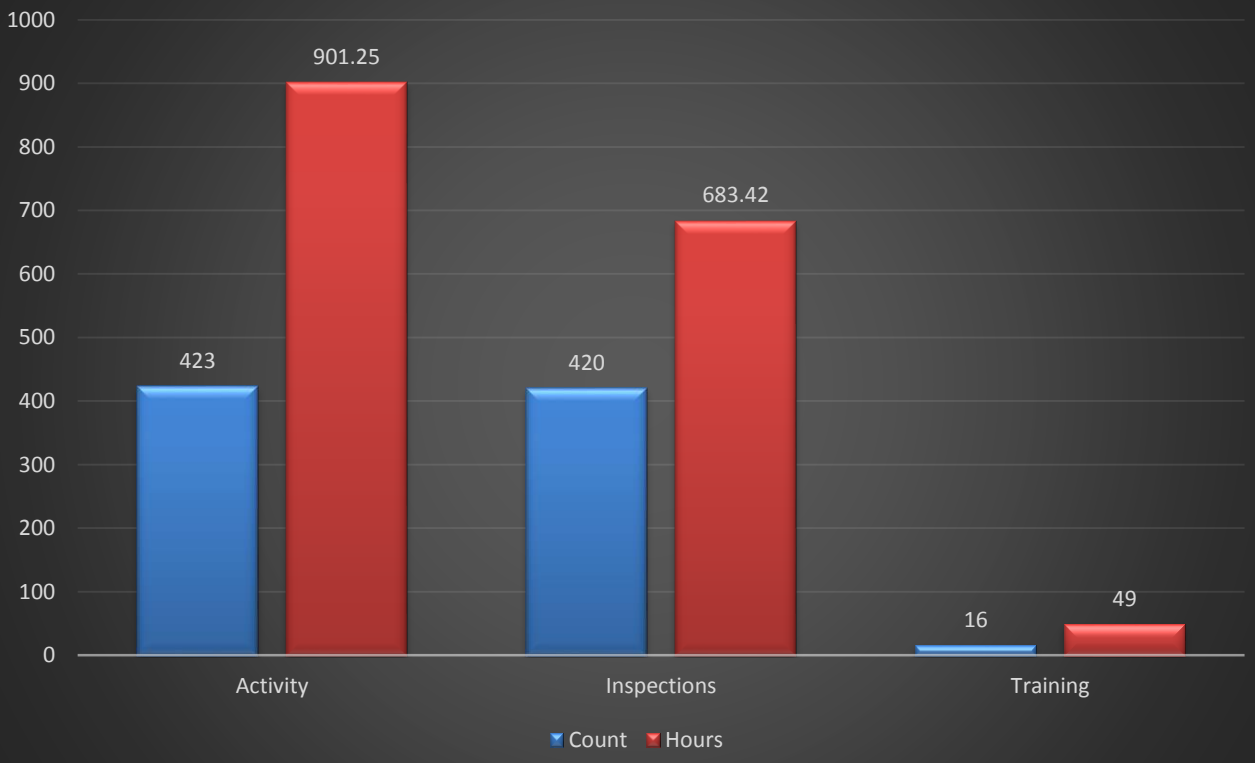
Performance Target – Risk in the community are minimized through a proactive code enforcement and public education program, respectively.

Data Source: HFD Firehouse Software

Current Period: 07/01/2022 - 07/31/2022

HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
01/22	438	88	
02/22	161	99	
03/22	68	88	
04/22	44	89	
05/22	93	58	
06/22	54	16	
07/22	87	35	



Attendance

Total Hours Accounted:	1633.67	Total Hours Off:	590
Total Hours on Duty:	2458	Hours Accounted For:	66.46%

Recommendations

- Over 20% of time not accounted for.
- Input hours accounted within 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.

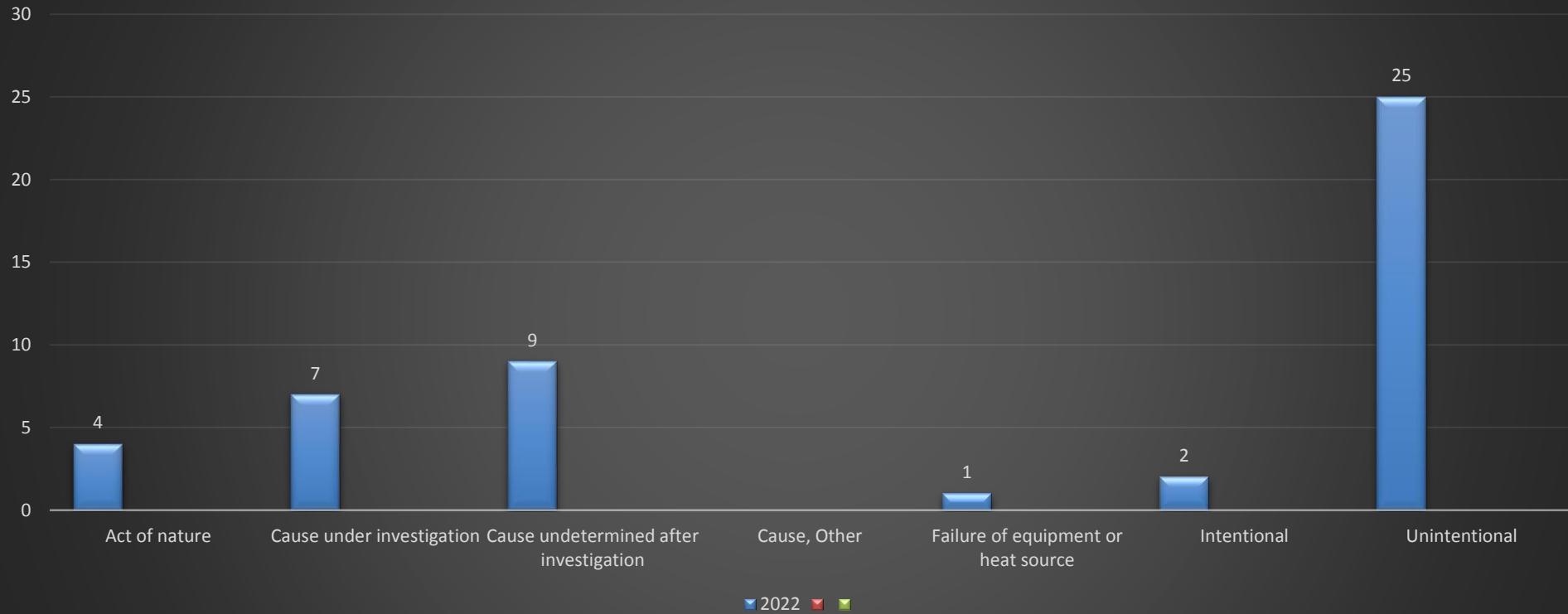


Data Source:
Firehouse Software

Current Period:
07/01/2022 - 07/31/2022

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

Performance Target –



Analysis

- Unintentional fires remain steady compared to 2021.
- Intentional fires are down in comparison to 2021.

Recommendations

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

Impact

- 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

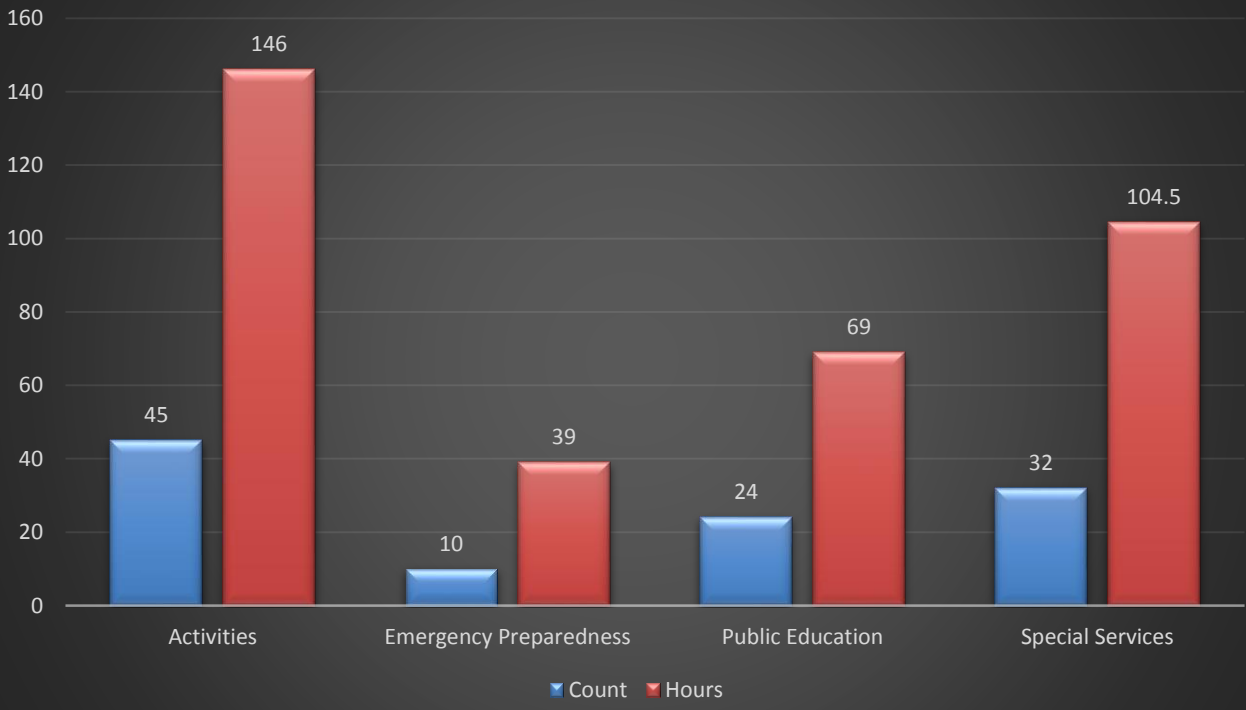
Important Highlights – 1 event was not attended, 6 CO Alarms were installed, 1,464 water bottles were distributed.

Data Source: HFD Firehouse Software

Current Period: 07/01/2022 - 07/31/2022

HISTORICAL ANALYSIS

Reporting Period	05/22	06/22	07/22
Total Activities	182	135	111
Total Adults	2,476	5,308	9,291
Total Children	774	5,769	1,747
Smoke Detector	48	35	36
Car Seats	0	0	0



Attendance

Total Hours Accounted:	358.5	Total Hours Off:	20
Total Hours on Duty:	393.5	Hours Accounted For:	91.11%

Recommendations

- Excellent community engagement and work in the firehouses.
- Excellent account of time.

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.



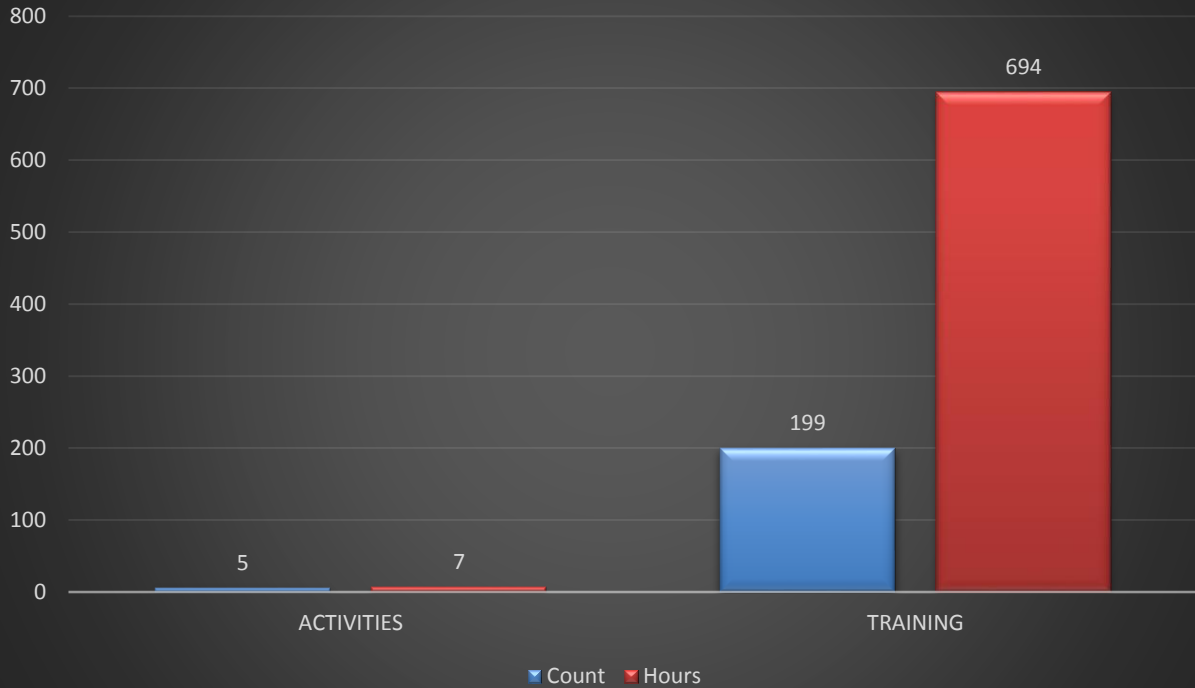
HFD Strategic Priorities:
Provide Mandated Training to Hartford Fire Department Personnel

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: 07/01/2022 – 07/31/2022

HISTORICAL ANALYSIS



Attendance

Recommendations

Impact

Total Hours Accounted:	701	Total Hours Off:	310
Total Hours on Duty:	701.75	Hours Accounted For:	99.89%

- Outstanding work by our Training Division personnel. Job well done.
- 100% of time accounted for.

- Workforce that is compliant with ISO and CONOSHA requirements.

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.

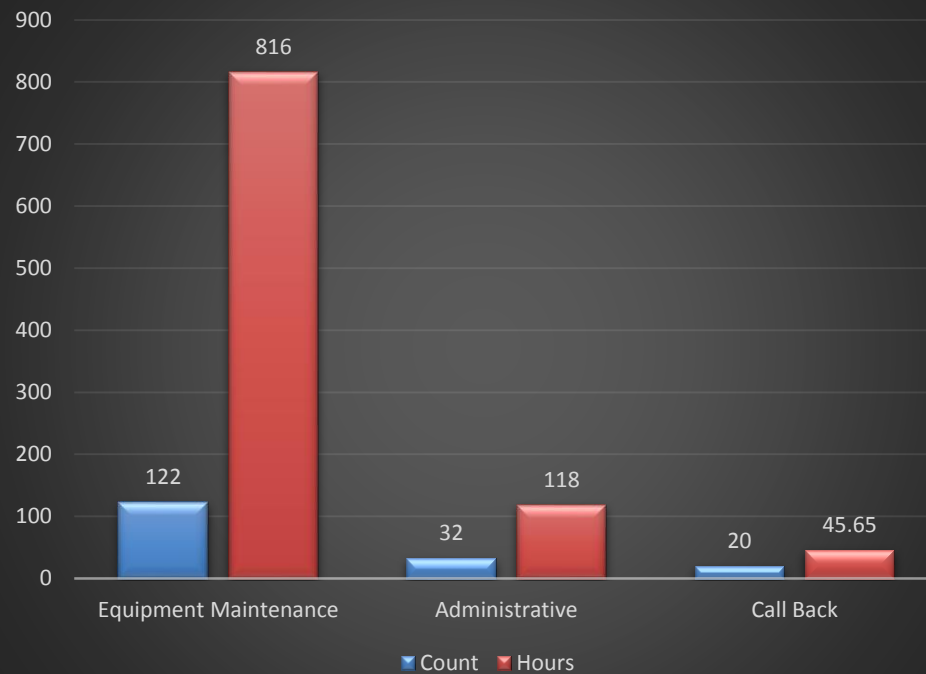
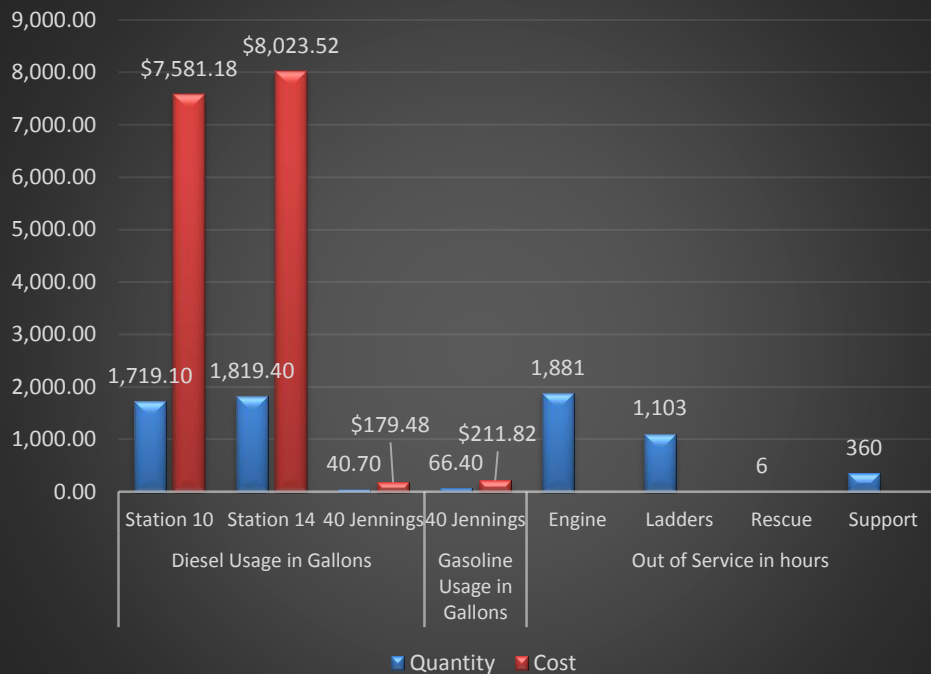


Data Source:
HFD Firehouse Software

Current Period:
07/01/2022 – 07/31/2022

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

Total Hours Accounted:	979.65	Total Hours Off:	200
Total Hours on Duty:	1201.36	Hours Accounted For:	81.55%

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

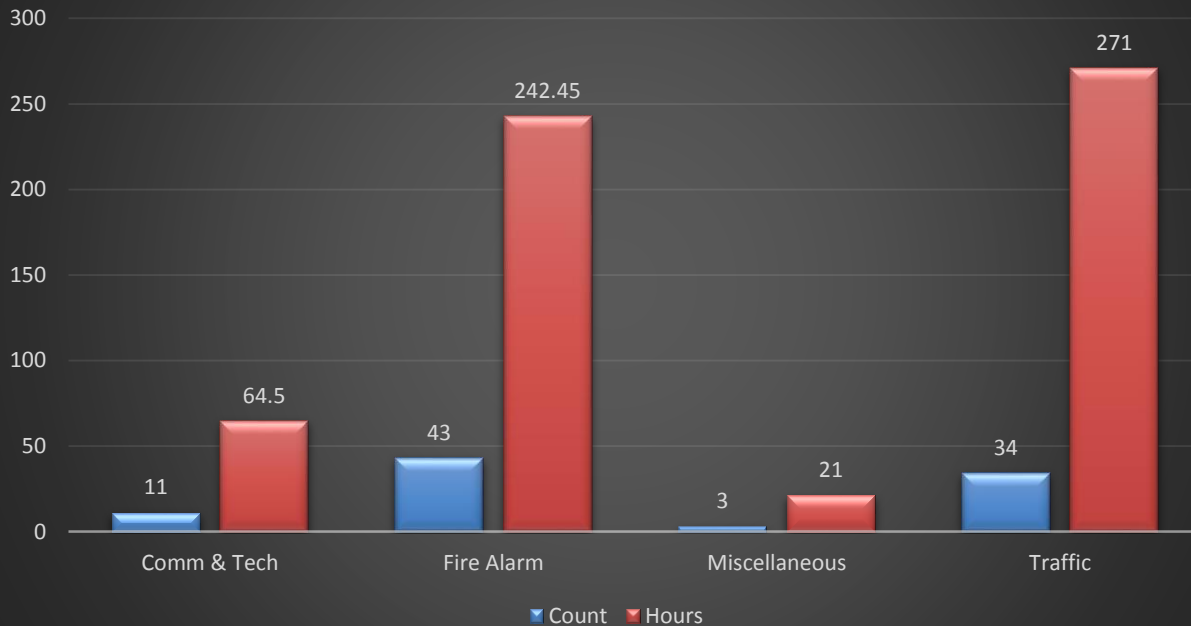
Performance Target – Mitigate a diverse portfolio of service calls.

Data Source: HFD Firehouse Software

Current Period: 07/01/2022 – 07/31/2022



425 Call Before You Digs



Attendance

Recommendations

Impact

Total Hours Accounted:	598.95	Total Hours Off:	20
Total Hours on Duty:	705.5	Hours Accounted For:	84.90%

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

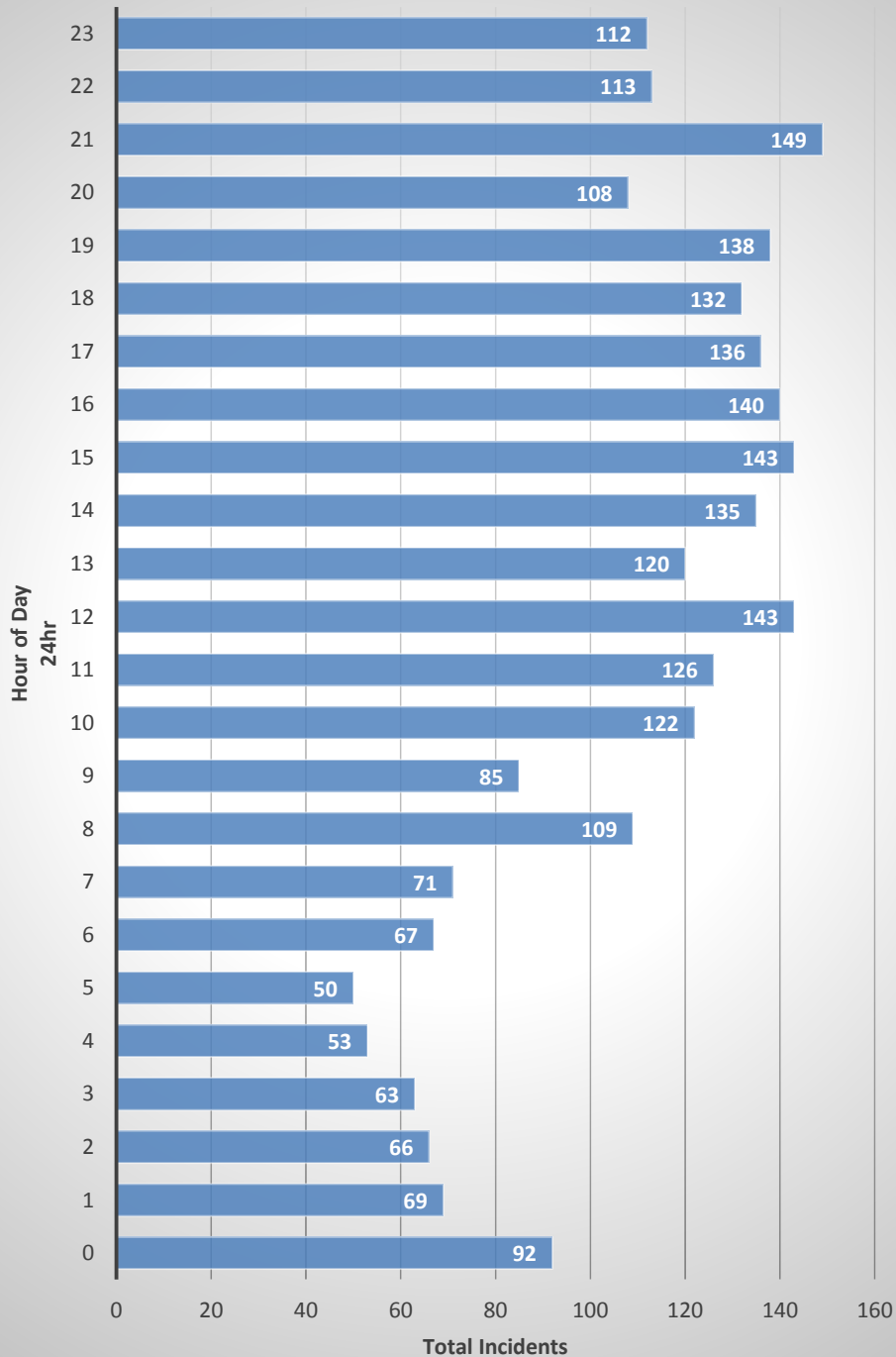
- IS&IT execution of relevant duties and responsibilities.

EMERGENCY RESPONSE DATA

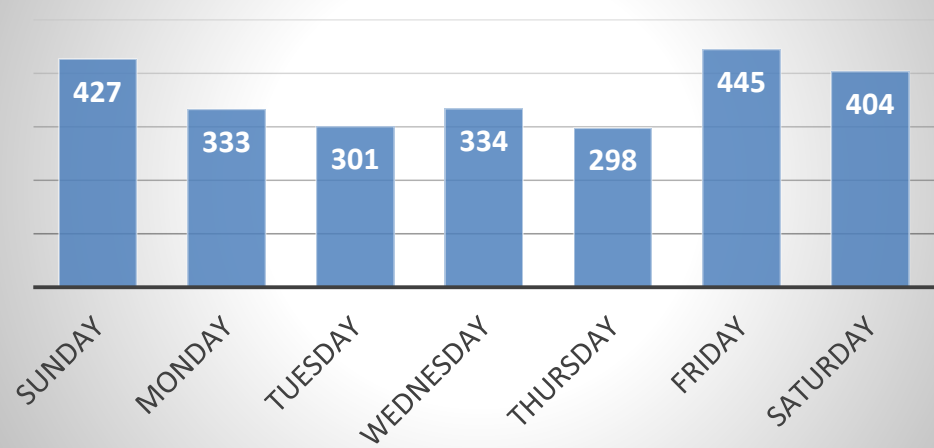


"Goal Oriented, Results Driven"

Incidents by Hour



Incidents by Day of Week



Top 5 Calls for Service

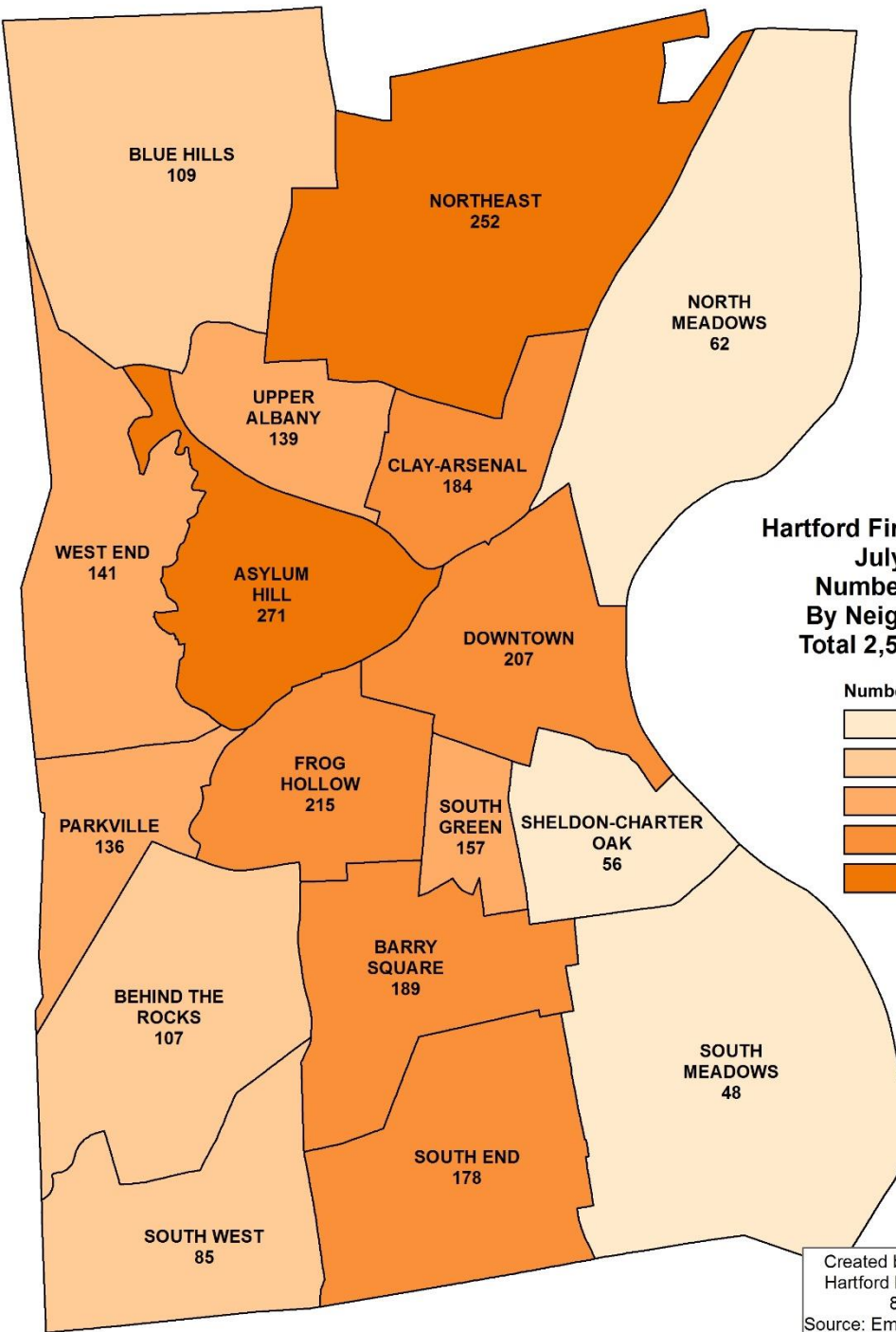
Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	895
311	Medical assist, assist EMS crew	464
622	No Incident found on arrival at dispatch address	207
500	Service Call, other	193
552	Police matter	85

Incidents by Category

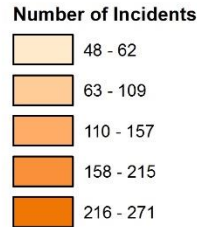
Category	Incidents
EMS	1632
SERVICE	366
UNDEFINE	227
ALARM	178
FIRE	93
RESCUE	25
HAZMAT	17

Incidents by Neighborhood

July 2022



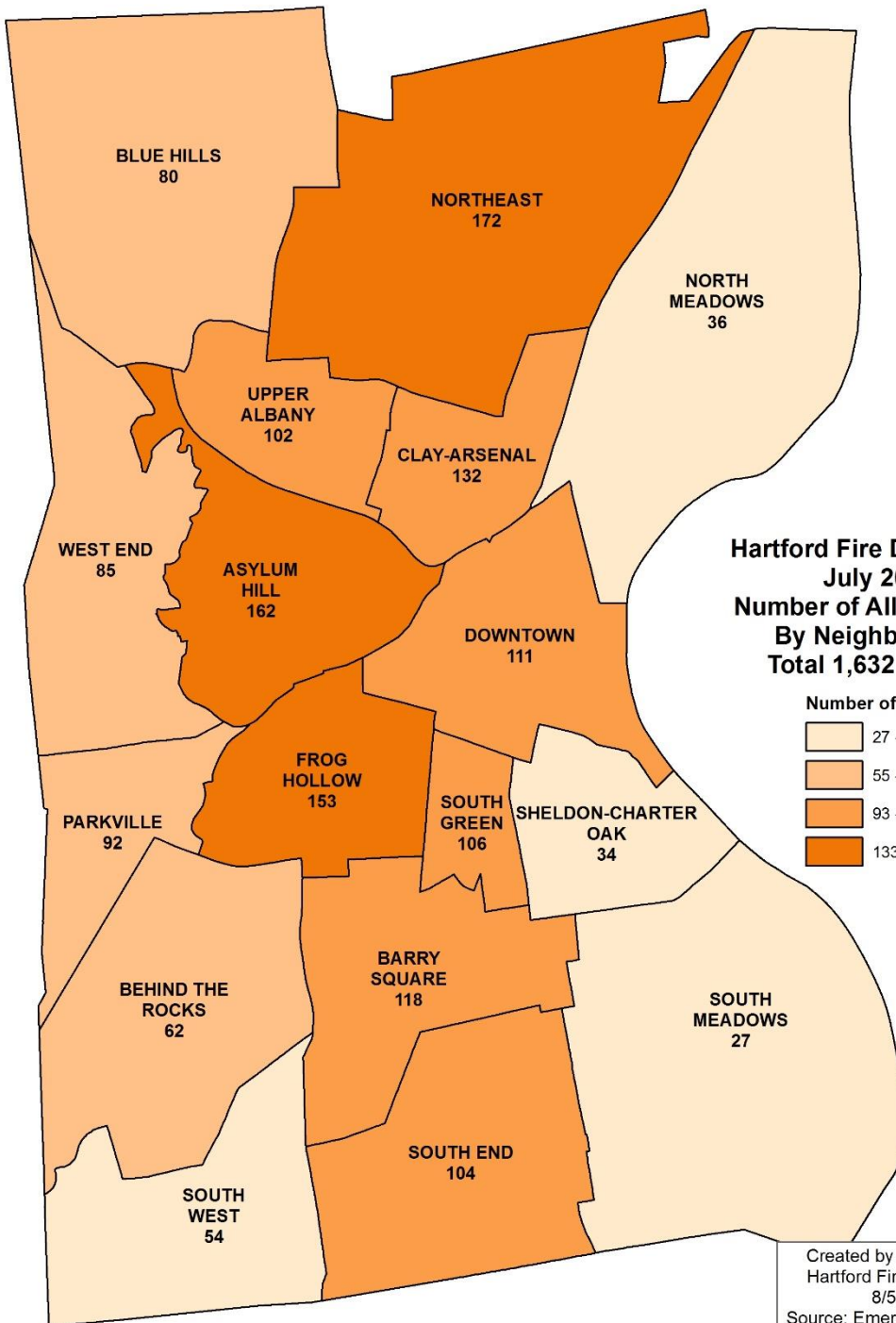
**Hartford Fire Department
July 2022
Number of Calls
By Neighborhood
Total 2,542 of Calls**



Neighborhood	Count
ASYLUM HILL	271
NORTHEAST	252
FROG HOLLOW	215
DOWNTOWN	207
BARRY SQUARE	189
CLAY-ARSENAL	184
SOUTH END	178
SOUTH GREEN	157
WEST END	141
UPPER ALBANY	139
PARKVILLE	136
BLUE HILLS	109
BEHIND THE ROCKS	107
SOUTH WEST	85
NORTH MEADOWS	62
SHELDON-CHARTER OAK	56
SOUTH MEADOWS	48

Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Emergency Reporting
Geocoded: 2,536
Not Geocoded: 7

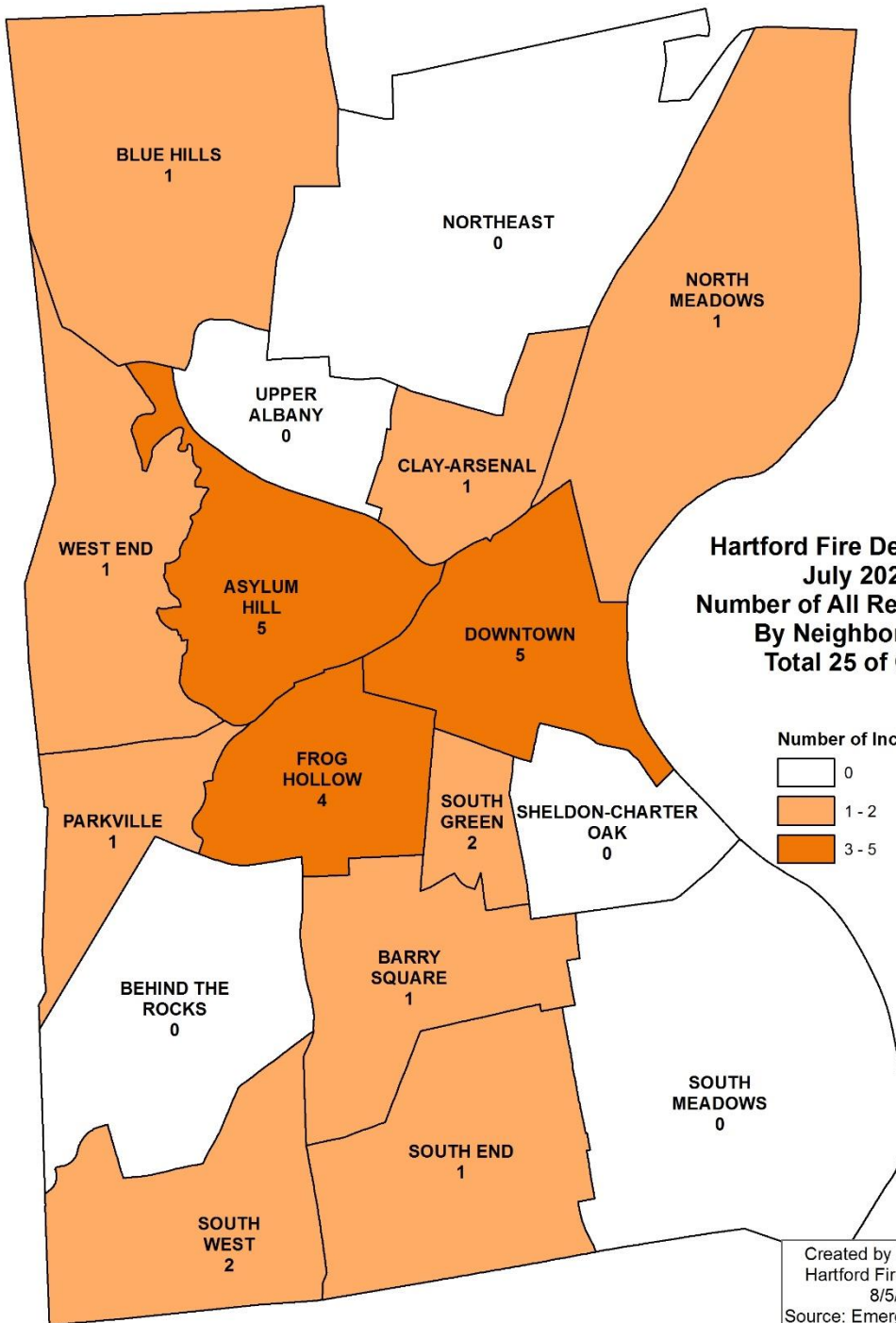
EMS July 2022



Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Emergency Reporting
Geocoded 1,630
Not Geocoded: 2

Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	895
311	Medical assist, assist EMS crew	464
322	Motor vehicle accident with injuries	75
381	Rescue or EMS standby	67
324	Motor Vehicle Accident with no injuries	61
300	Rescue, EMS incident, other	50
510	Person in distress, Other	15
323	Motor vehicle/pedestrian accident (MV Ped)	4
320	Emergency medical service, other	1

Rescue Calls July 2022

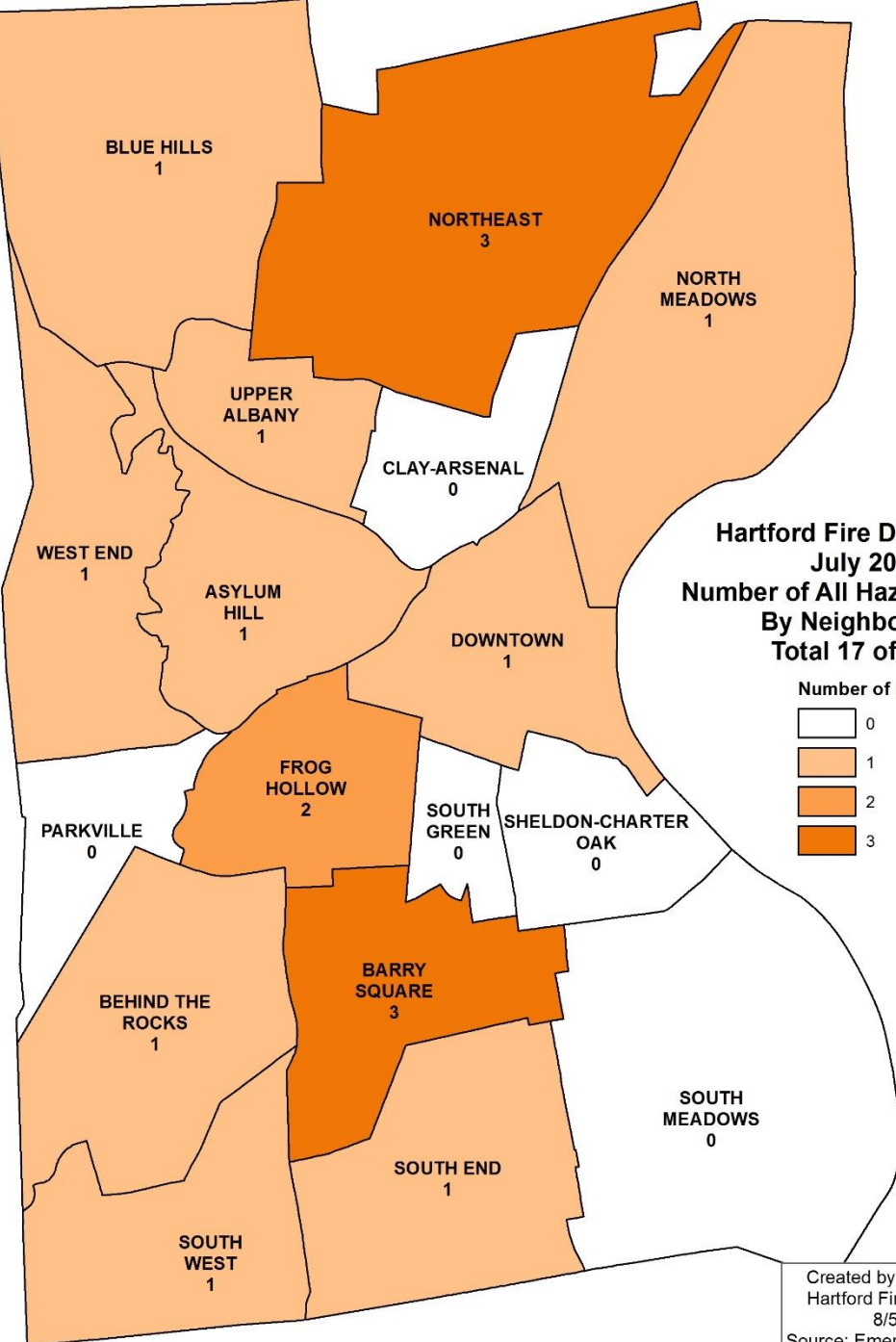


Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Emergency Reporting
Geocoded: 25
Not Geocoded: 0

Incident Type	Description	Count
353	Removal of victim(s) from stalled elevator	13
511	Lock-out	9
331	Lock-in (if lock out , use 511)	1
350	Extrication, rescue, Other	1
352	Extrication of victim(s) from vehicle	1

Hazardous Materials

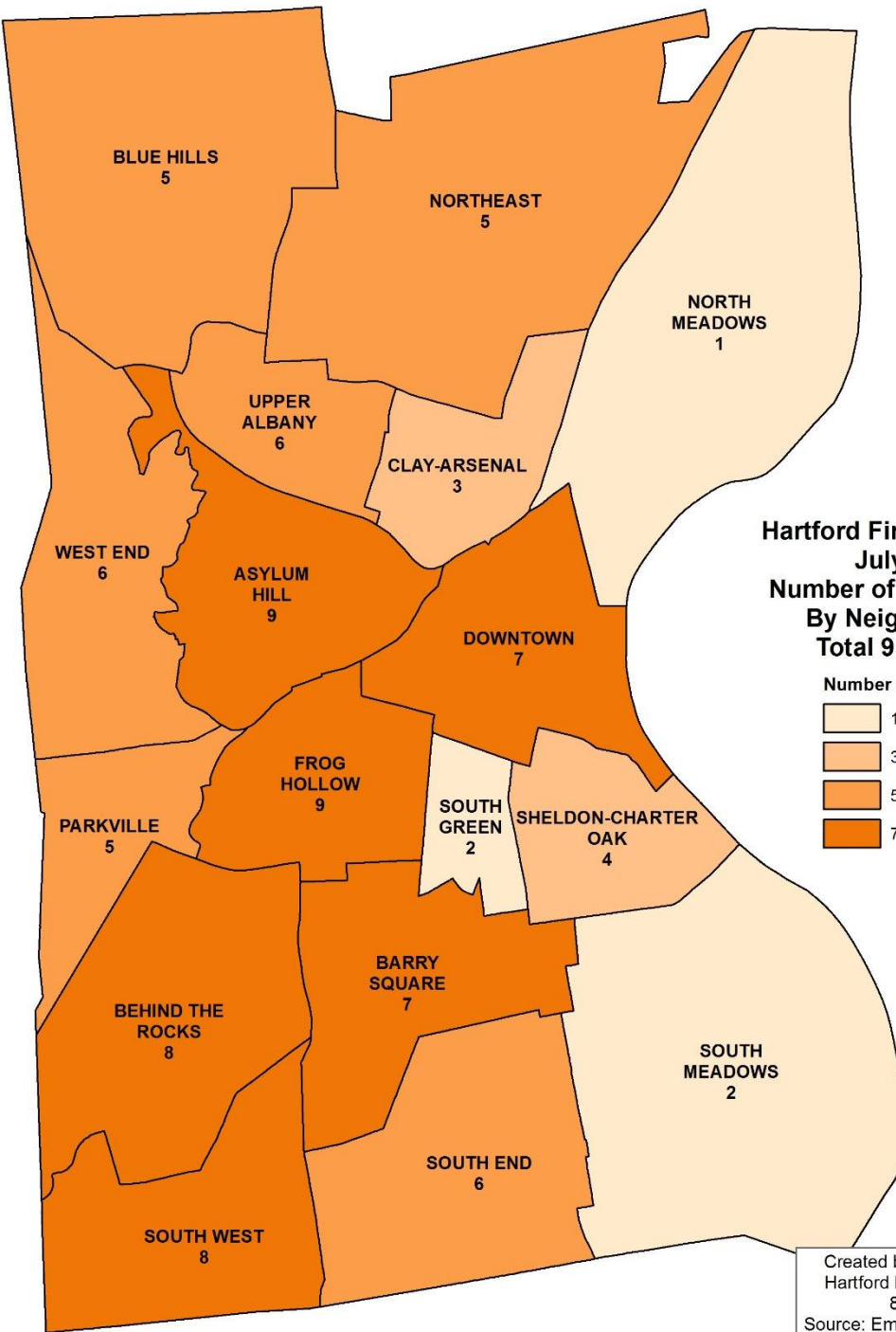
July 2022



Incident Type	Description	Count
424	Carbon monoxide incident	4
413	Oil or other combustible liquid spill	4
463	Vehicle accident, general cleanup	3
412	Gas leak (natural gas or LPG)	3
411	Gasoline or other flammable liquid spill	2
420	Toxic condition, Other	1

Created by Leandro Cieri
 Hartford Fire Department
 8/5/2022
 Source: Emergency Reporting
 Geocoded: 17
 Not Geocoded: 0

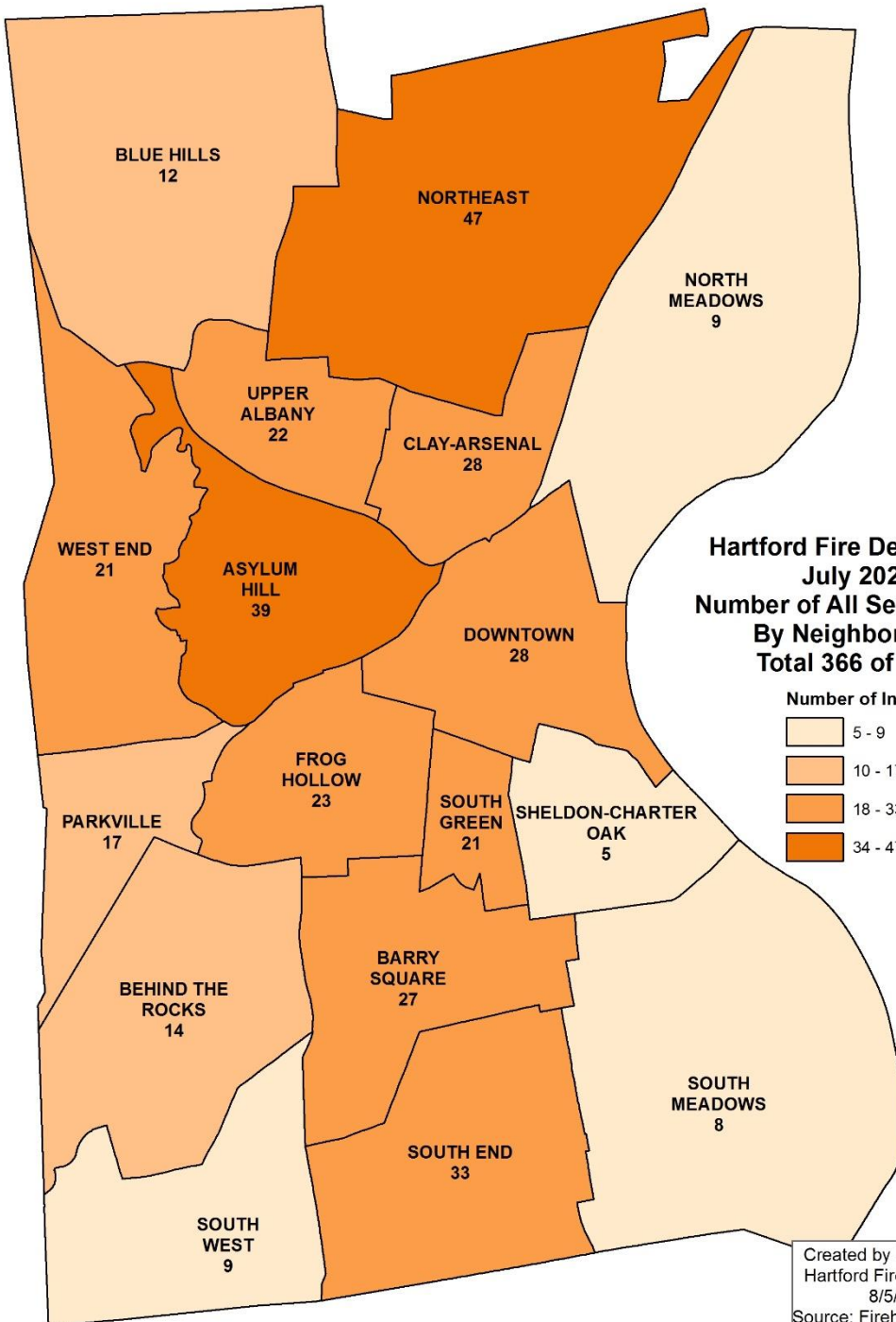
All Fires July 2022



Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Emergency Reporting
Geocoded: 93
Not Geocoded: 0

Incident Type	Description	Count
111	Building fire	17
131	Passenger vehicle fire	14
142	Brush or brush-and-grass mixture fire	13
154	Dumpster or other outside trash receptacle fire	11
140	Natural vegetation fire, Other	9
151	Outside rubbish, trash or waste fire	6
118	Trash or rubbish fire, contained	5
150	Outside rubbish fire, Other	4
113	Cooking fire, confined to container	3
160	Special outside fire, Other	2
138	Off-road vehicle or heavy equipment fire	1
162	Outside equipment fire	1
100	Fire, Other	1
120	Fire in mobile prop used as a fixed struc, Other	1
141	Forest, woods or wildland fire	1
161	Outside storage fire	1
130	Mobile property (vehicle) fire, Other	1
132	Road freight or transport vehicle fire	1
143	Grass fire	1

Service Calls July 2022

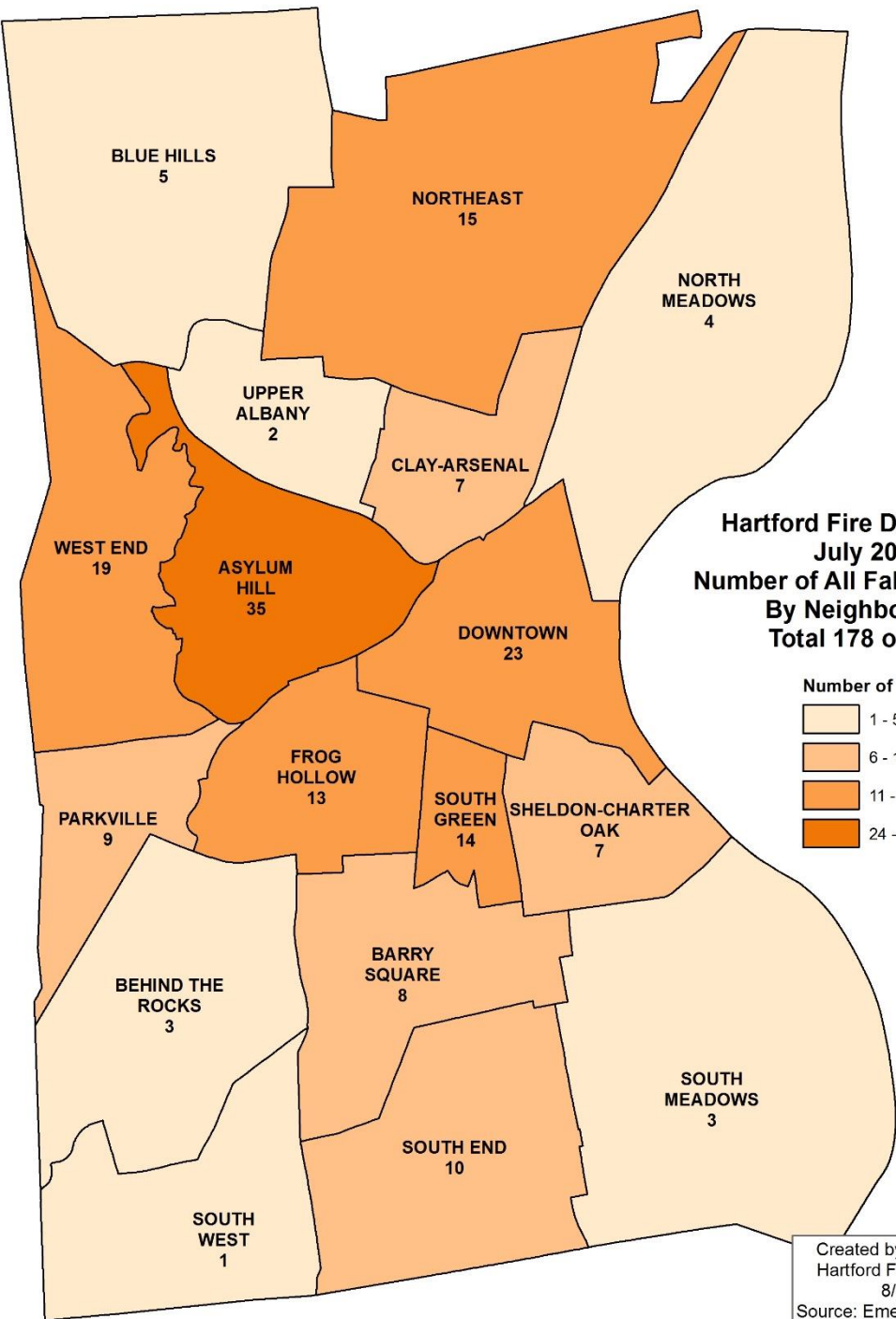


Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Firehouse Software
Geocoded: 363
Not Geocoded: 3

Incident Type	Description	Count
500	Service Call, other	193
552	Police matter	85
553	Public service	34
531	Smoke or odor removal	21
520	Water problem, Other	10
444	Power line down	7
550	Public service assistance, Other	4
554	Assist invalid	3
551	Assist police or other governmental agency	3
522	Water or steam leak	2
571	Cover assignment, standby, moveup	1
440	Electrical wiring/equipment problem, Other	1
442	Overheated motor	1
441	Heat from short circuit (wiring), defective/worn	1

Fire Alarms

July 2022

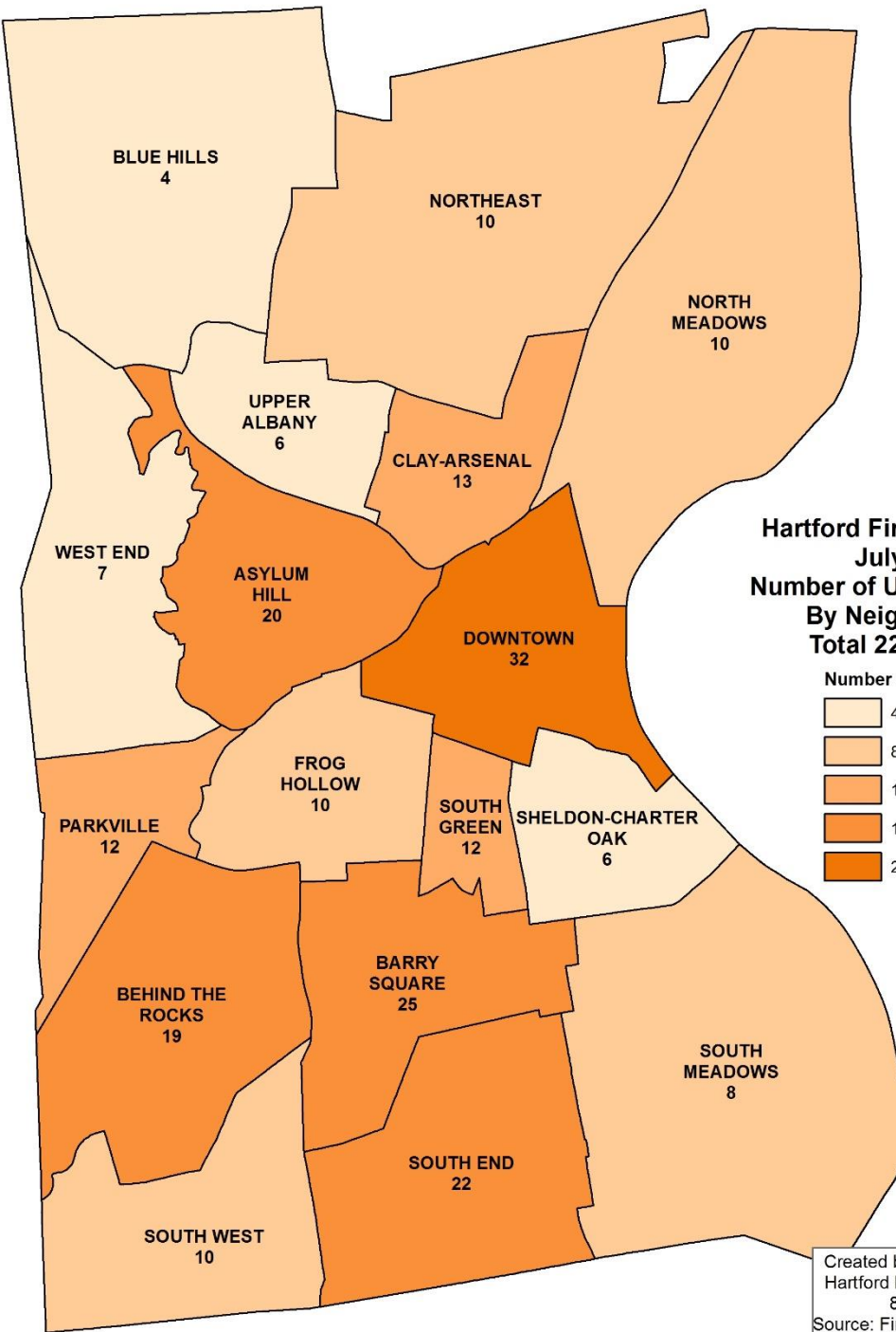


Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Emergency Reporting
Geocoded: 178
Not Geocoded: 0

Incident Type	Description	Count
745	Alarm system activation, no fire - unintentional	65
735	Alarm system sounded due to malfunction	38
743	Smoke detector activation, no fire - unintentional	25
740	Unintentional transmission of alarm, Other	14
710	Malicious, mischievous false call, Other	11
733	Smoke detector activation due to malfunction	9
730	System malfunction, Other	4
700	False alarm or false call, Other	3
736	CO detector activation due to malfunction	3
744	Detector activation, no fire - unintentional	2
715	Local alarm system, malicious false alarm	2
741	Sprinkler activation, no fire - unintentional	1
742	Extinguishing system activation	1

Undefined Calls

July 2022

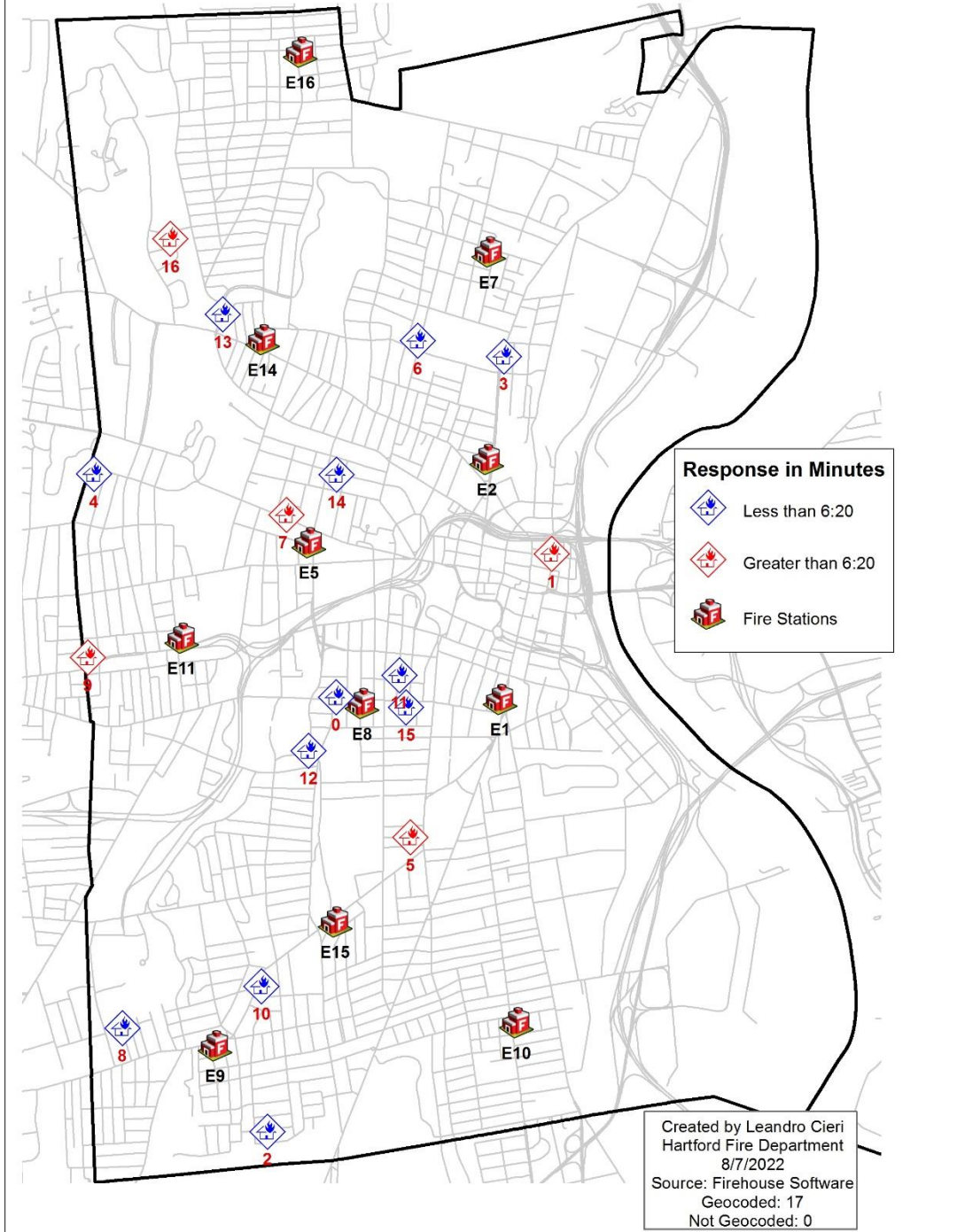


Created by Leandro Cieri
Hartford Fire Department
8/5/2022
Source: Firehouse Software
Geocoded: 226
Not Geocoded: 1

Incident Type	Description	Count
622	No Incident found on arrival at dispatch address	207
900	Special type of incident, Other	13
611	Dispatched & cancelled en route	2
600	Good intent call, Other	1
652	Steam, vapor, fog or dust thought to be smoke	1
661	EMS call, party transported by non-fire agency	1
211	Overpressure rupture of steam pipe or pipeline	1
651	Smoke scare, odor of smoke	1

Location of Structure Fires In Relationship to Fire Stations

Key Incident Number Response



Key	Incident Number	Response
0	22-212089	0:04:12
1	22-211049	0:06:38
2	22-211042	0:05:18
3	22-210080	0:04:46
4	22-209035	0:05:56
5	22-208057	0:06:26
6	22-206081	0:03:46
7	22-206034	0:07:24
8	22-202011	0:05:06
9	22-200050	0:09:07
10	22-190042	0:05:44
11	22-190004	0:04:16
12	22-185096	0:04:33
13	22-185081	0:06:06
14	22-185009	0:06:01
15	22-184066	0:04:29
16	22-183005	0:10:18

QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"