



City of Hartford
FIRE DEPARTMENT

FIRESTAT

June 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:
06/01/2022 - 06/30/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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

Structure Fires



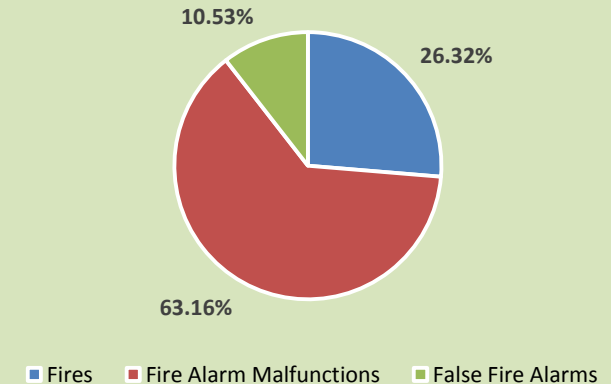
Analysis

Recommendations

Fire Alarms compared to Actual Fires

- Slight increase and more fire duty compared to June 2021.
- Significant decrease 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.
- Investigate declination in response time.



EMS Response Scorecard

City-Wide

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



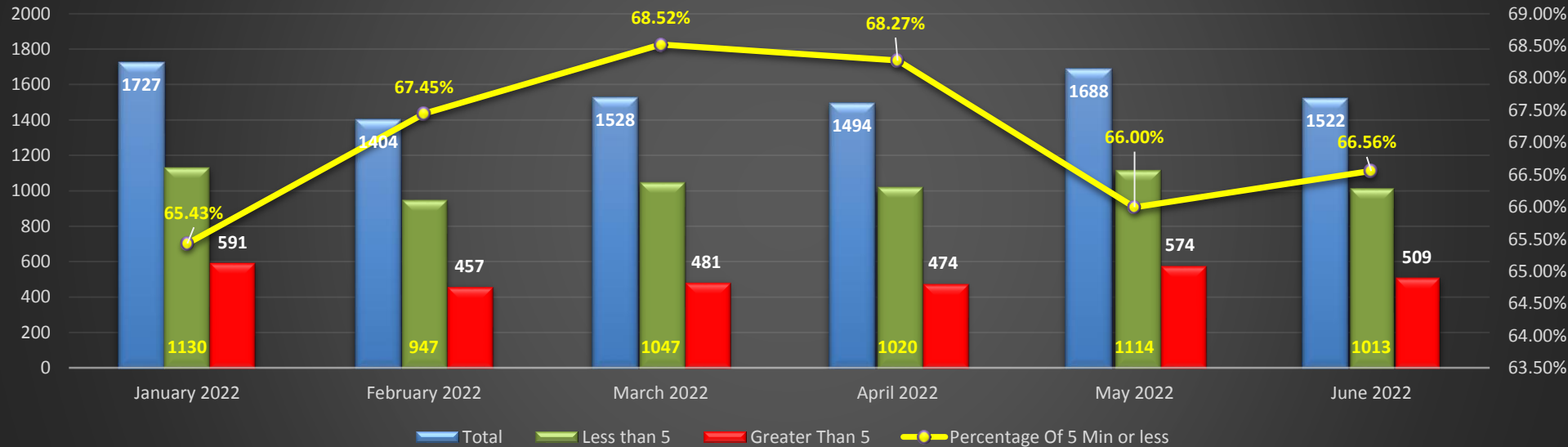
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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 to ISO standards.

Data Source: Firehouse Software

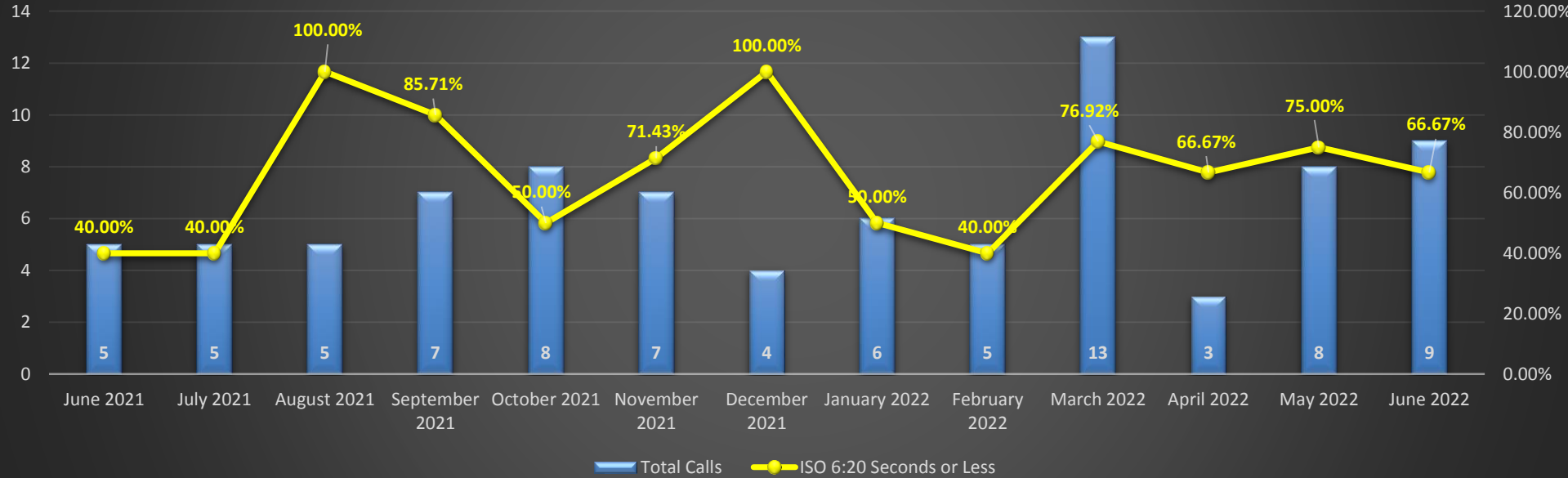
Current Period:
06/01/2022 - 06/30/2022



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

➤ Area for improvement in response time performance..

- . Continue to emphasize the importance of responding to EMS per our standard.
- Investigate declination in response times.

➤ **Life safety stabilization**

EMS Response Scorecard

District 1

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



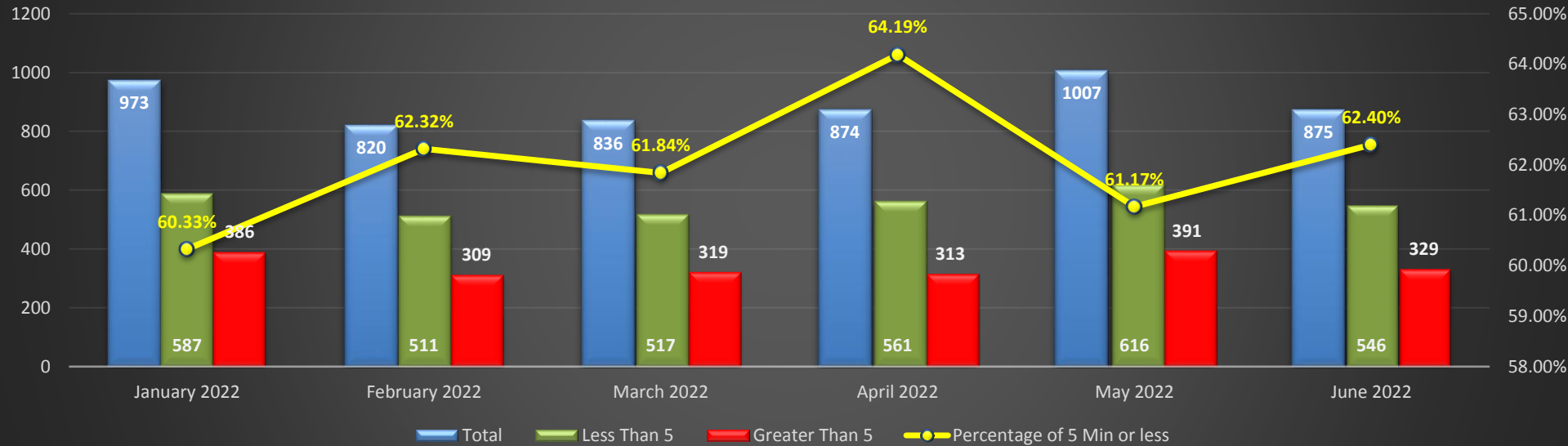
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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 improvement 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 ISO standards.

Data Source: Firehouse Software

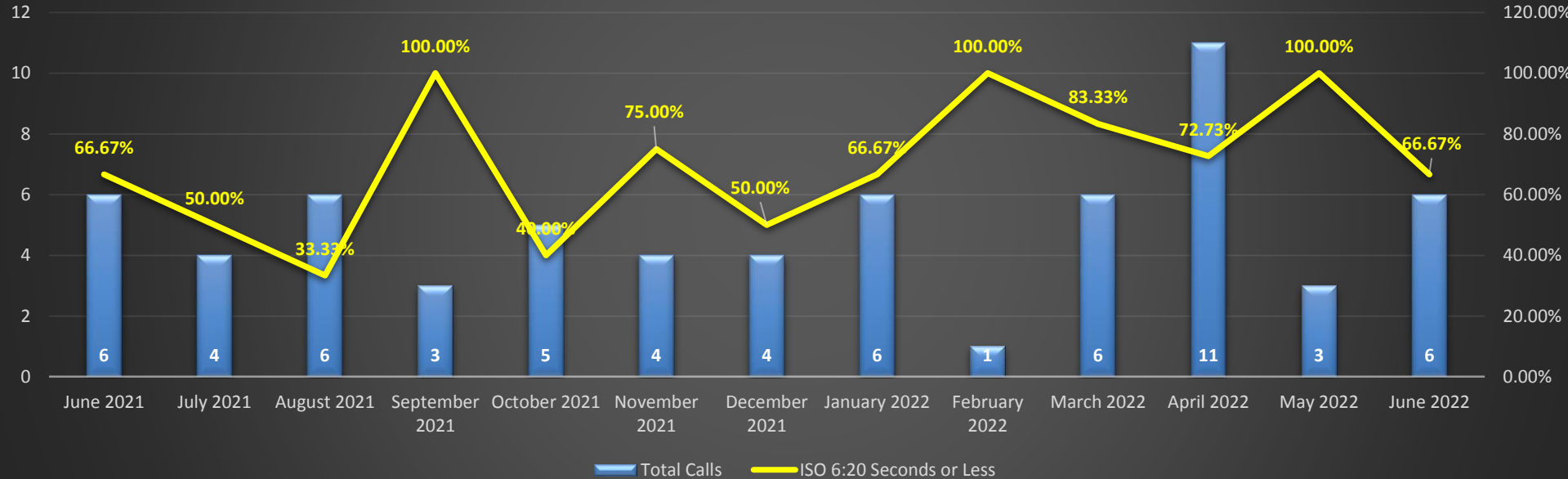
Current Period:
06/01/2022 - 06/30/2022



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 declination in response time performance

- Investigate declination in response time performance.
- 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.



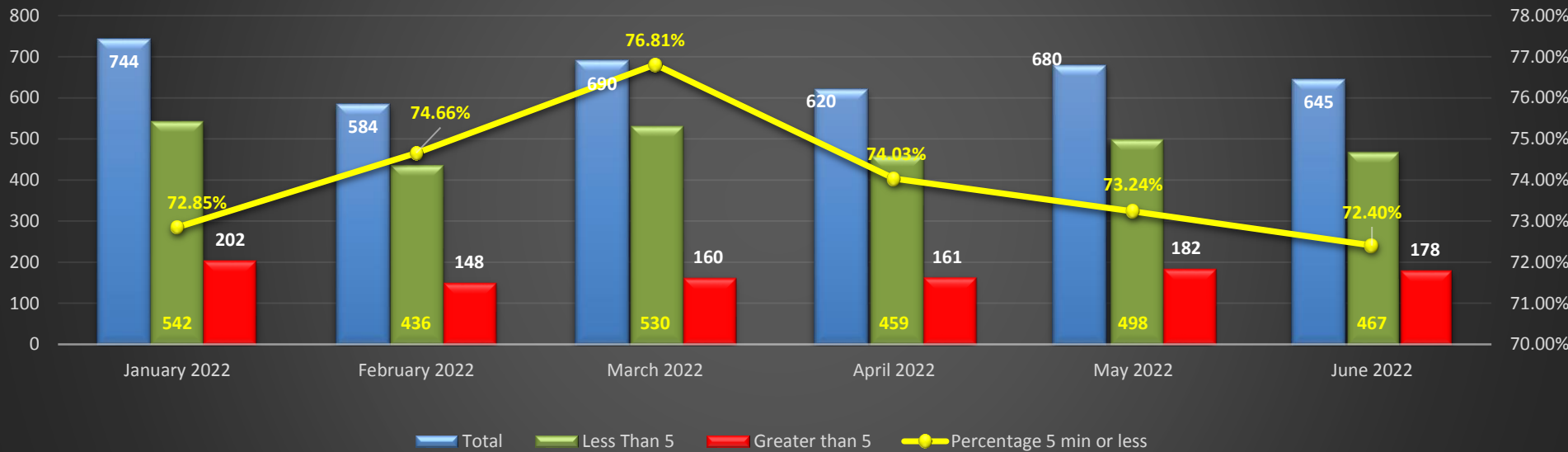
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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 ISO standards.

Data Source: Firehouse Software

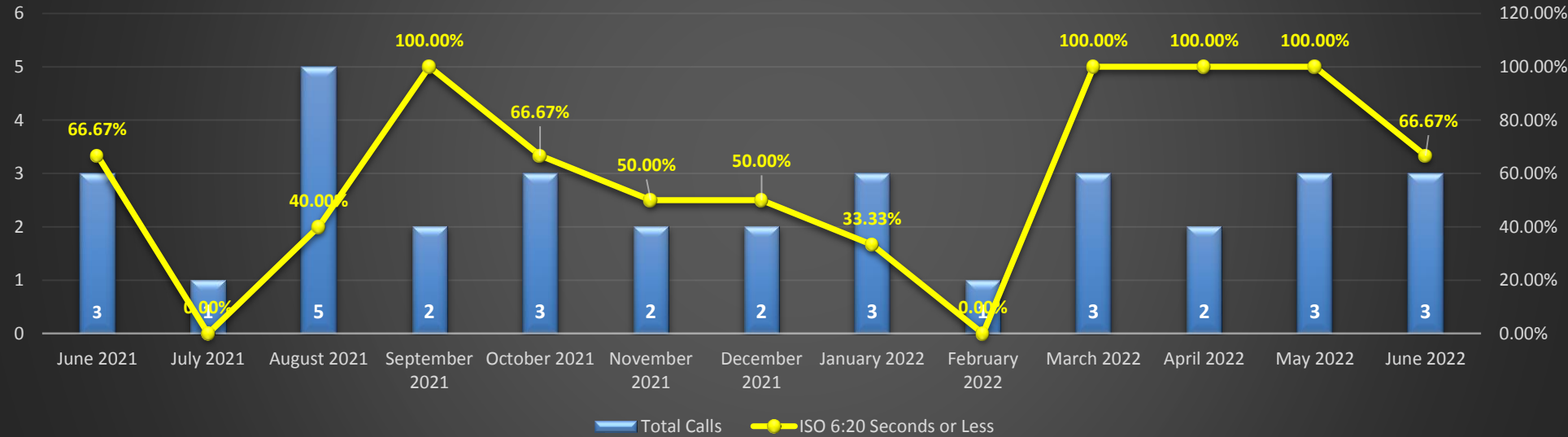
Current Period:
06/01/2022 - 06/30/2022



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 declination in response time performance

- Investigate response time declination.
- 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.



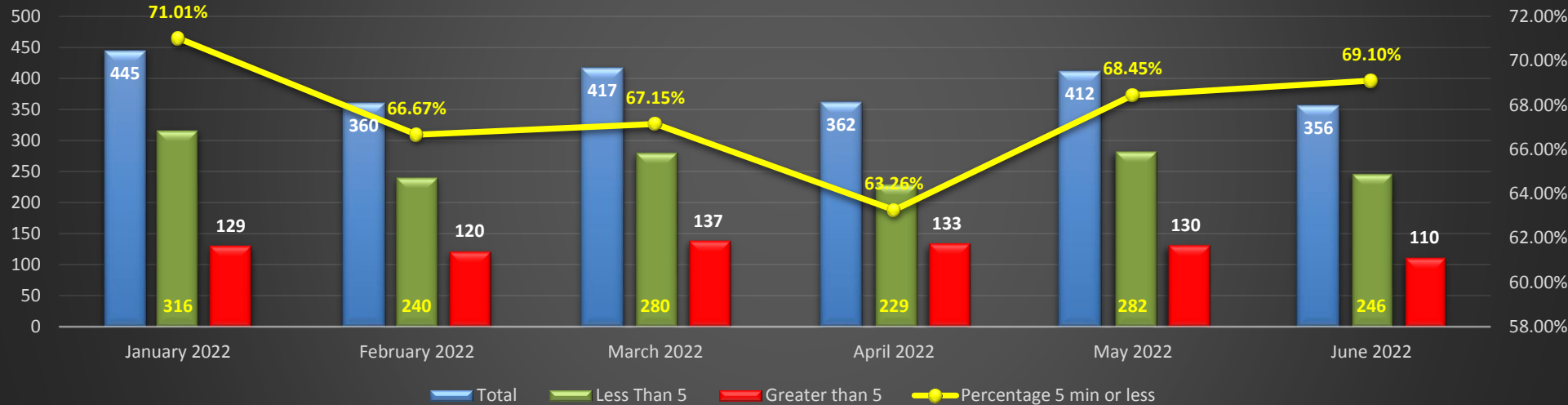
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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 ISO standards.

Data Source: Firehouse Software

Current Period:
06/01/2022 - 06/30/2022



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

- Response time declination of 40% compared to last month.

- Maintain proficiency.
- Continue to strive for 90% benchmark.
- Investigate below average response time for April.

- Effective emergency response.

EMS Response Scorecard

Tour B

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



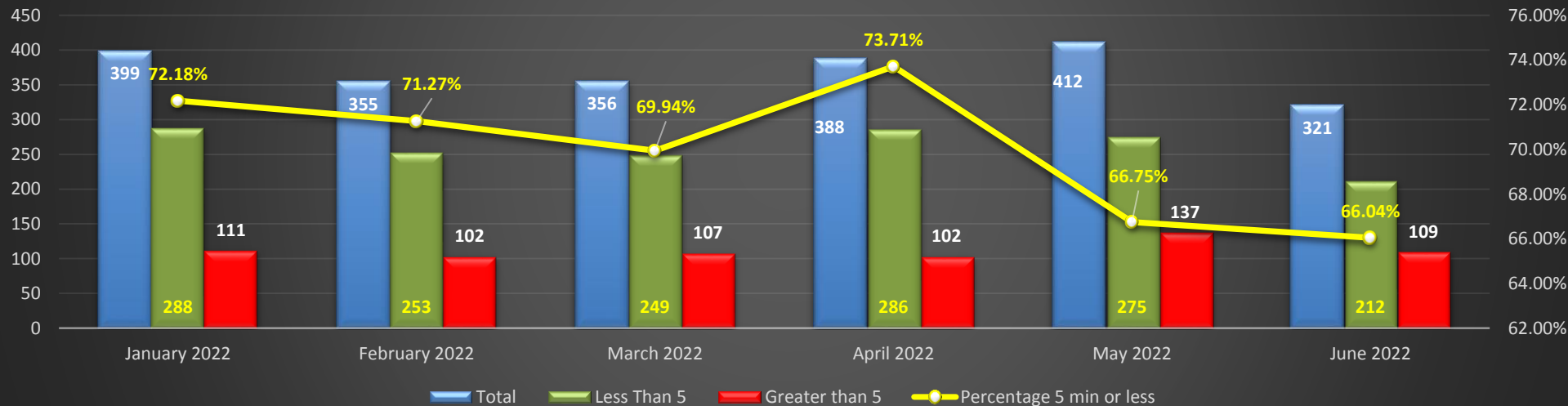
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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 ISO standards.

Data Source: Firehouse Software

Current Period:
06/01/2022 - 06/30/2022



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

➤ Slight increase in response time performance.

- Maintain proficiency.
- Continue to strive for 90% benchmark.
- Investigate below average response time for the month of May.

➤ Efficiency of emergency response.

EMS Response Scorecard

Tour C

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



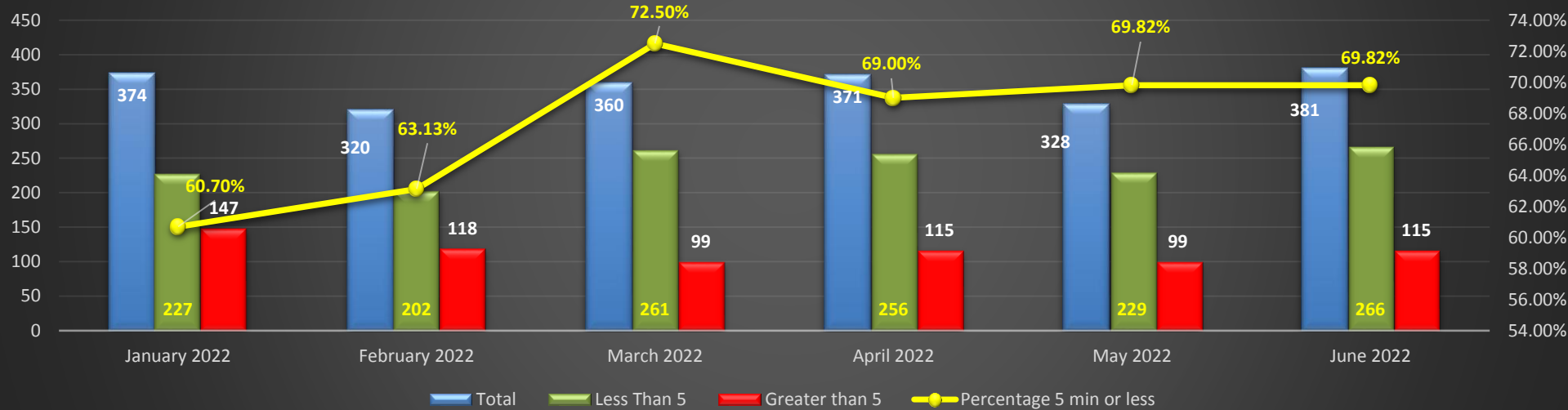
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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

- Steady performance in response time performance two months straight.
- Improvement in response time needed

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:
06/01/2022 - 06/30/2022



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

➤ Approximately 10% increase in response time.

- 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.



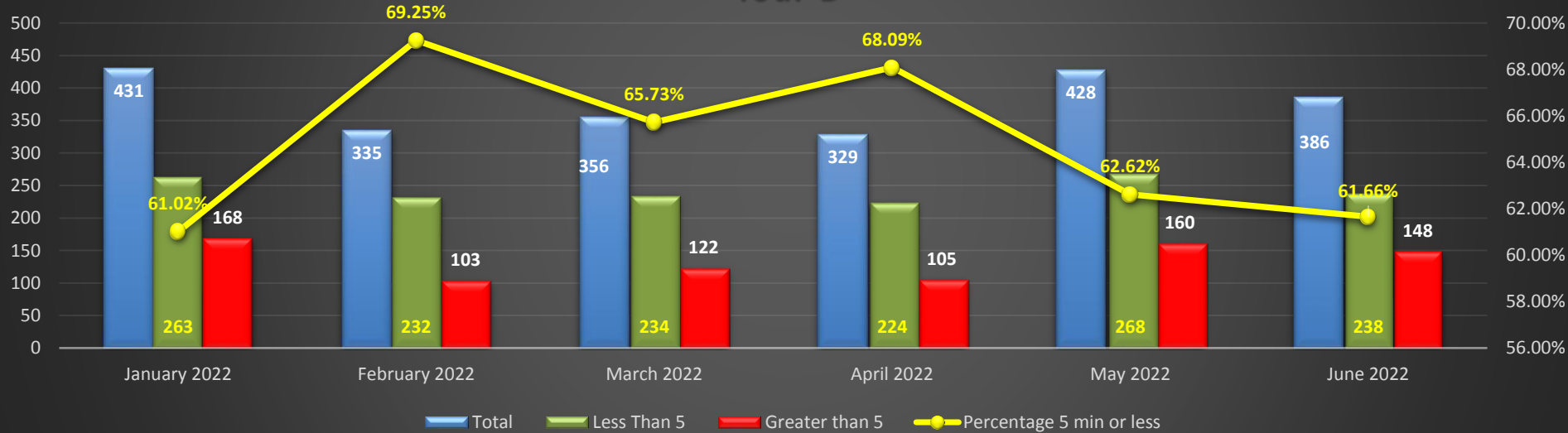
Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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

➤ Significant declination in response time performance.

Recommendations

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

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

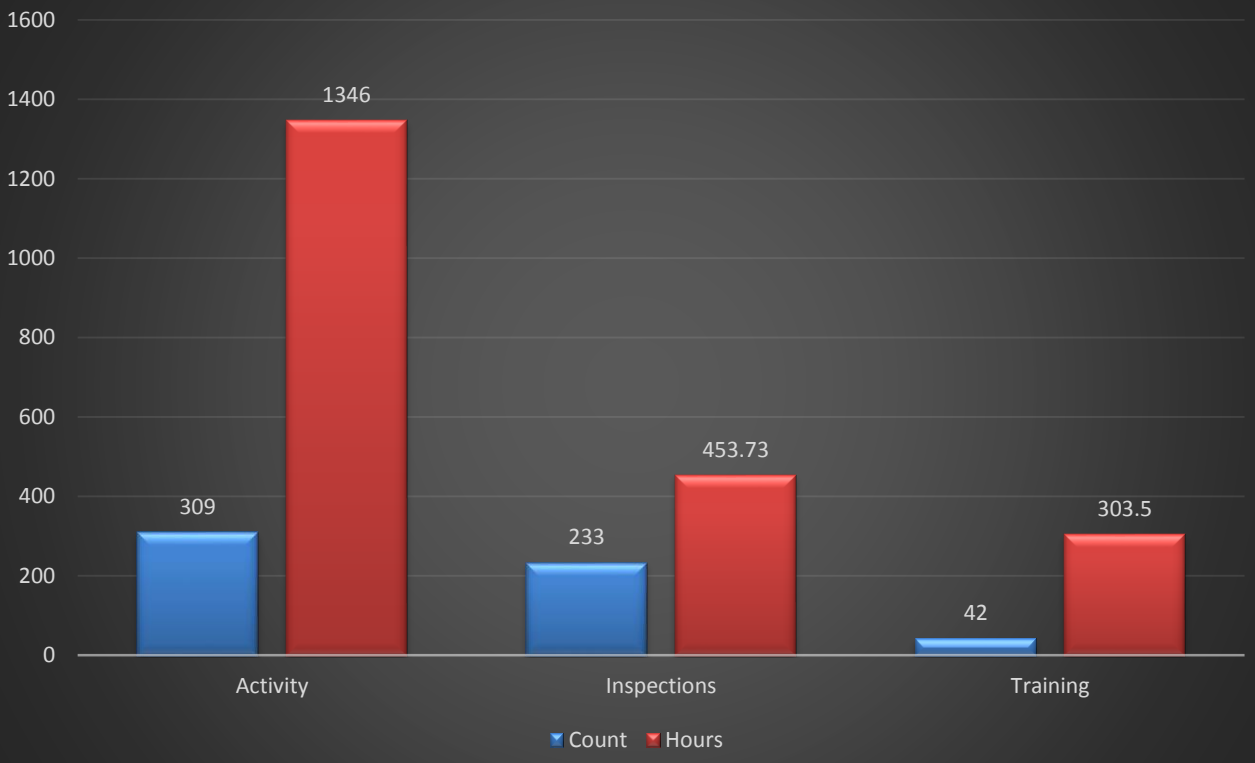
Performance Target – Risk in the community are minimized through a proactive code enforcement and public education program, respectively.

Data Source: HFD Firehouse Software

Current Period: 06/01/2022 - 06/30/2022

HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
12/21	267	53	
01/22	438	88	
02/22	161	99	
03/22	68	88	
04/22	44	89	
05/22	93	58	
06/22	54	16	



Attendance

Total Hours Accounted:	2103.23	Total Hours Off:	1030
Total Hours on Duty:	2585.25	Hours Accounted For:	81.35%

Recommendations

- Just under 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.

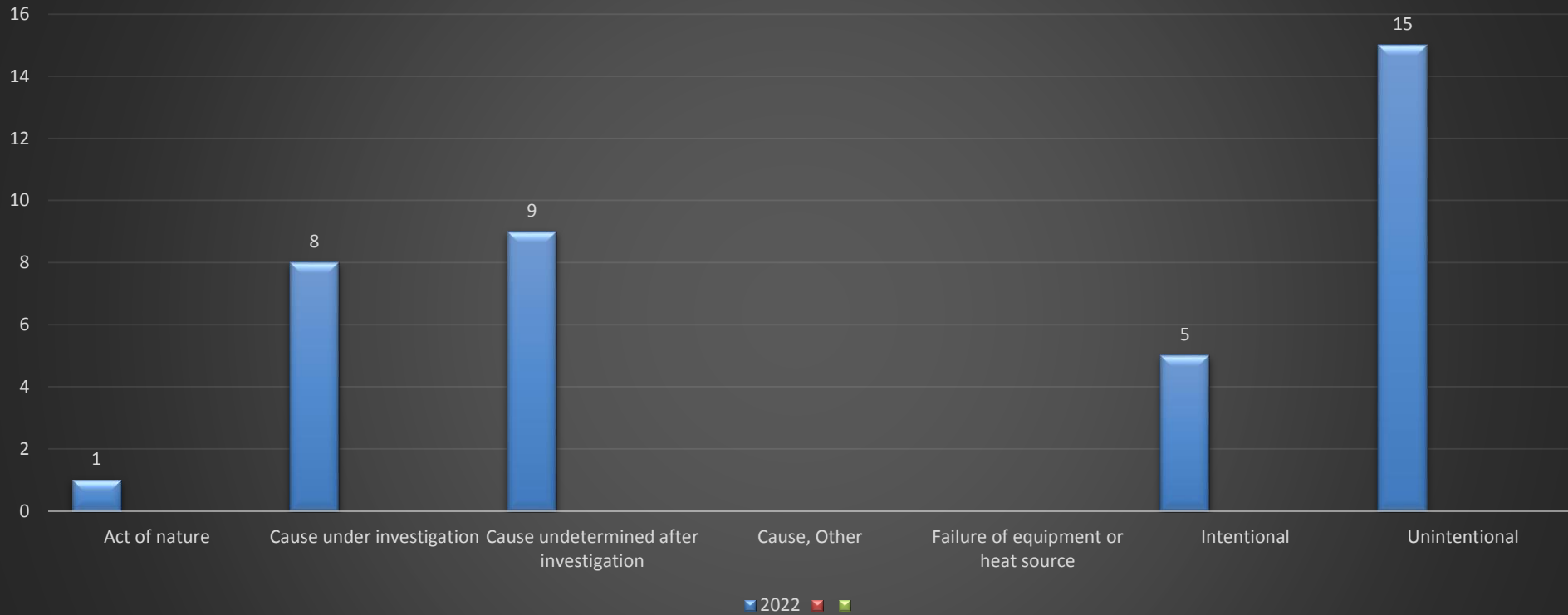


Data Source:
Firehouse Software

Current Period:
06/01/2022 - 06/30/2022

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

Performance Target –



Analysis

➤ Unintentional fire are up in the month of June.

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

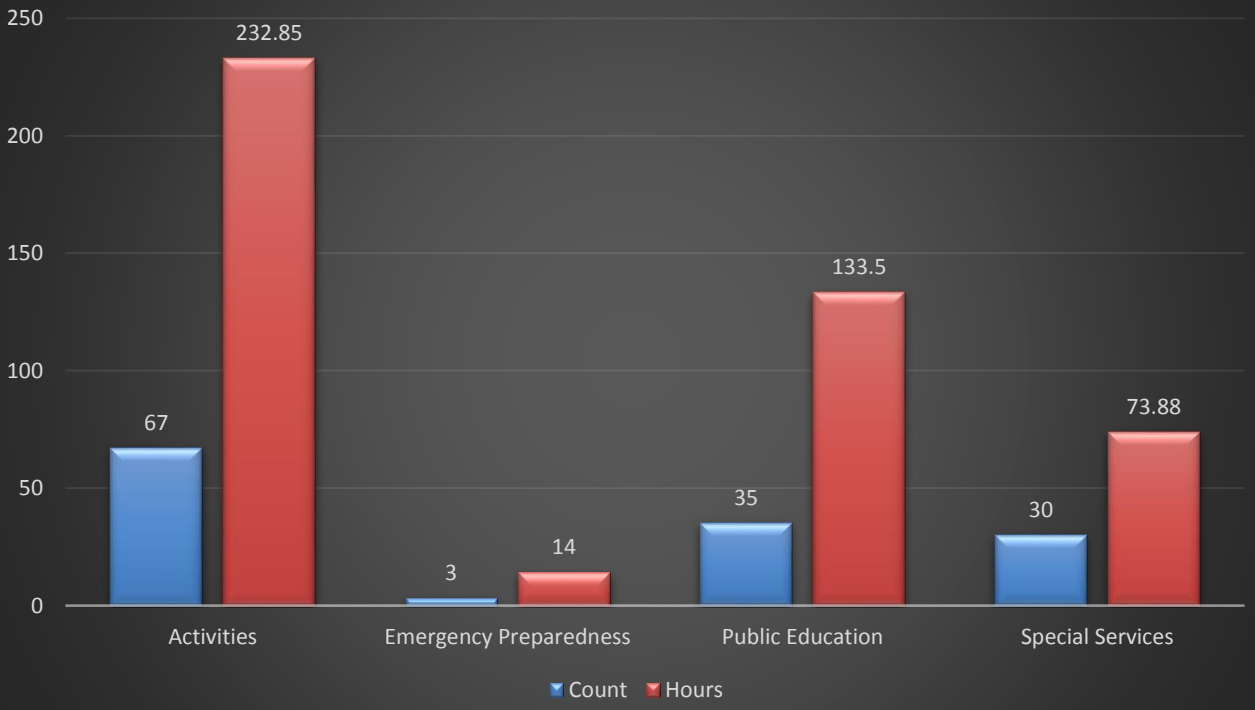
Important Highlights – 1 event was not attended, 4 CO Alarms were installed, 360 water bottles were distributed.

Data Source: HFD Firehouse Software

Current Period: 06/01/2022 - 06/30/2022

HISTORICAL ANALYSIS

Reporting Period	04/22	05/22	06/22
Total Activities	166	182	135
Total Adults	924	2,476	5,308
Total Children	382	774	5,769
Smoke Detector	0	48	35
Car Seats	1	0	0



Attendance

Total Hours Accounted:	454.23	Total Hours Off:	10
Total Hours on Duty:	502.5	Hours Accounted For:	90.39%

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.



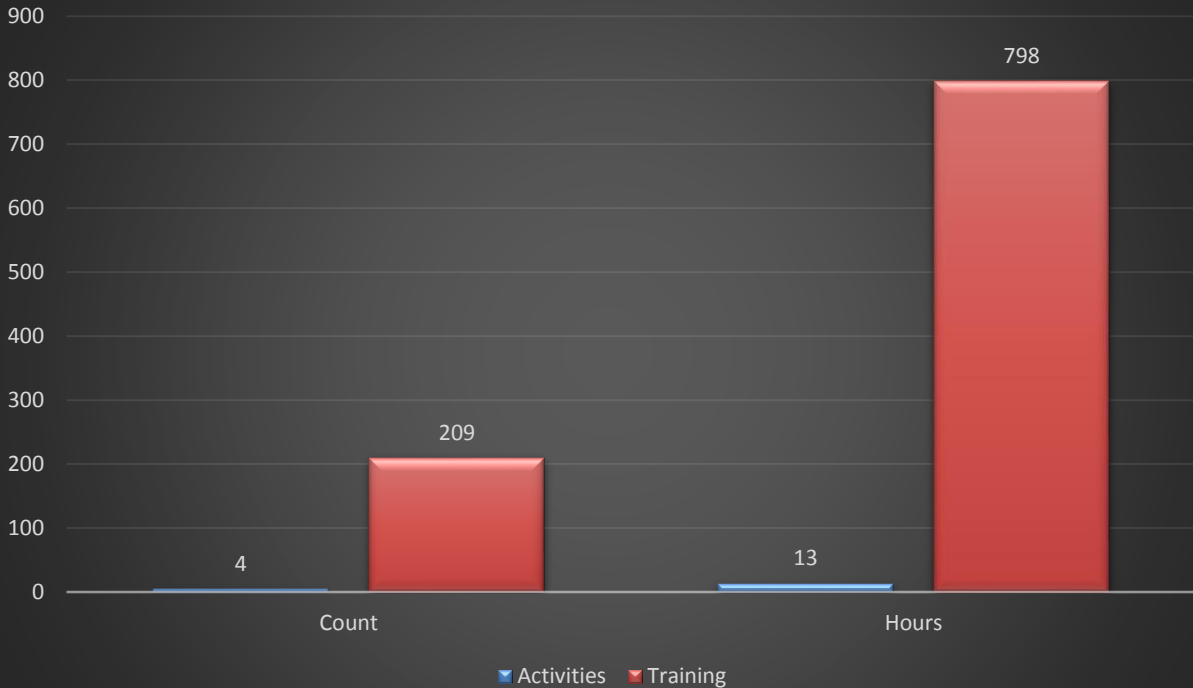
HFD Strategic Priorities:
Provide Mandated Training to Hartford Fire Department Personnel

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: 06/01/2022 – 06/30/2022

HISTORICAL ANALYSIS



Attendance

Recommendations

Impact

Total Hours Accounted:	811	Total Hours Off:	312
Total Hours on Duty:	811.5	Hours Accounted For:	99.94%

- Outstanding work by our Training Division personnel. Job well done.
- Excellent account of time.

- 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.

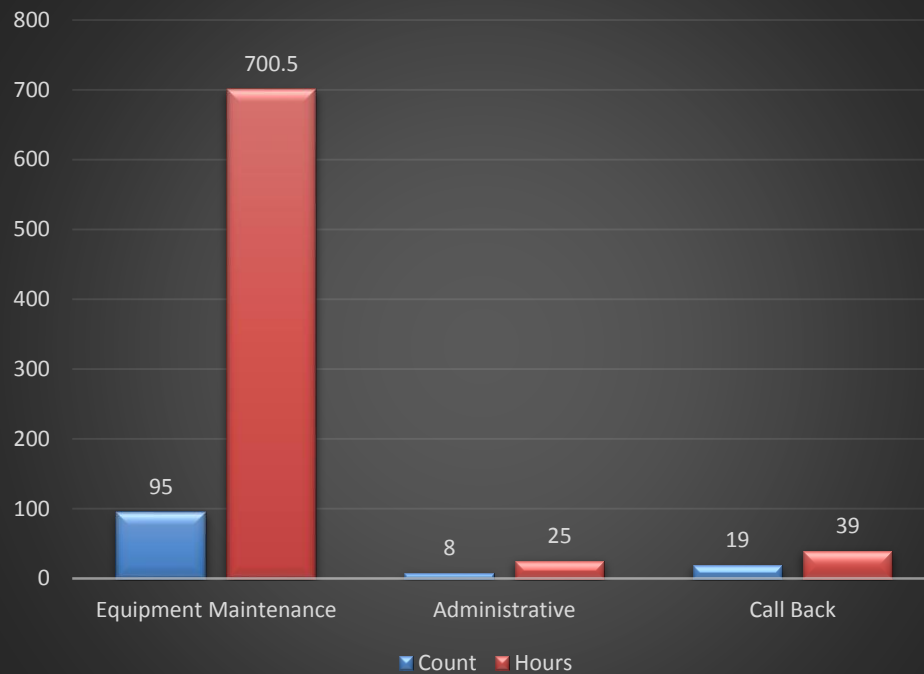
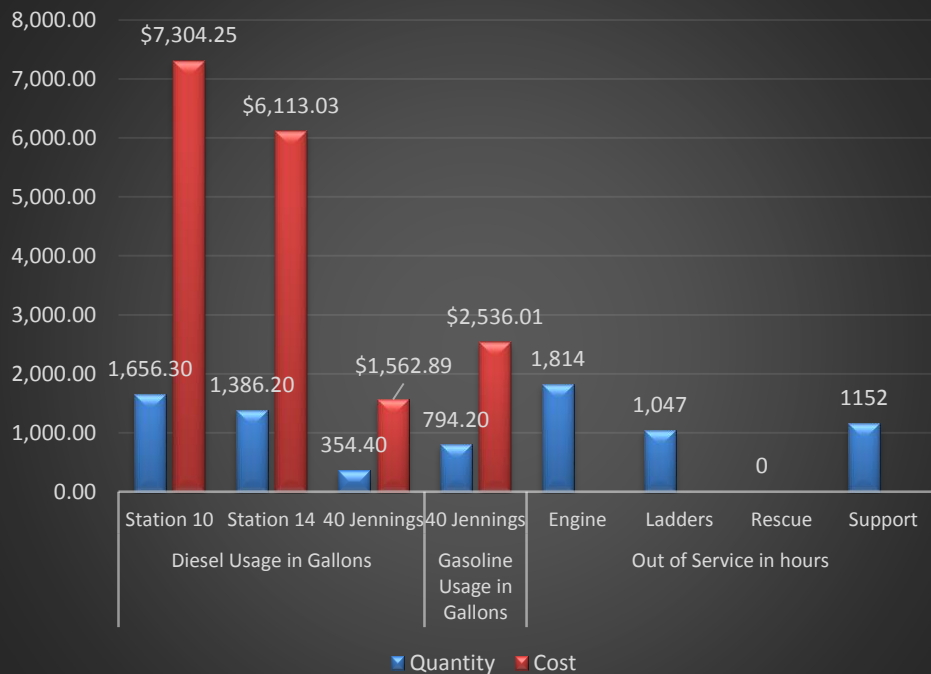


Data Source:
HFD Firehouse Software

Current Period:
06/01/2022 – 06/30/2022

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:	764.5	Total Hours Off:	250
Total Hours on Duty:	1297.5	Hours Accounted For:	58.92%

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

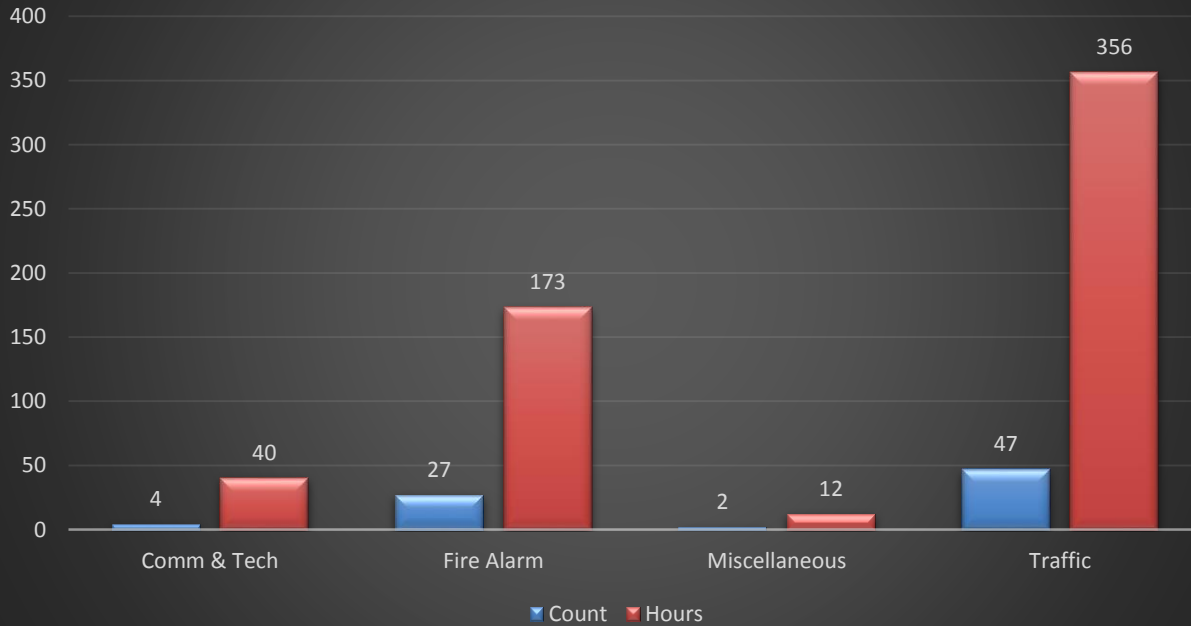
Performance Target – Mitigate a diverse portfolio of service calls.

Data Source: HFD Firehouse Software

Current Period: 06/01/2022 – 06/30/2022



704 Call Before You Digs



Attendance

Recommendations

Impact

Total Hours Accounted:	581.13	Total Hours Off:	130
Total Hours on Duty:	653	Hours Accounted For:	88.99%

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

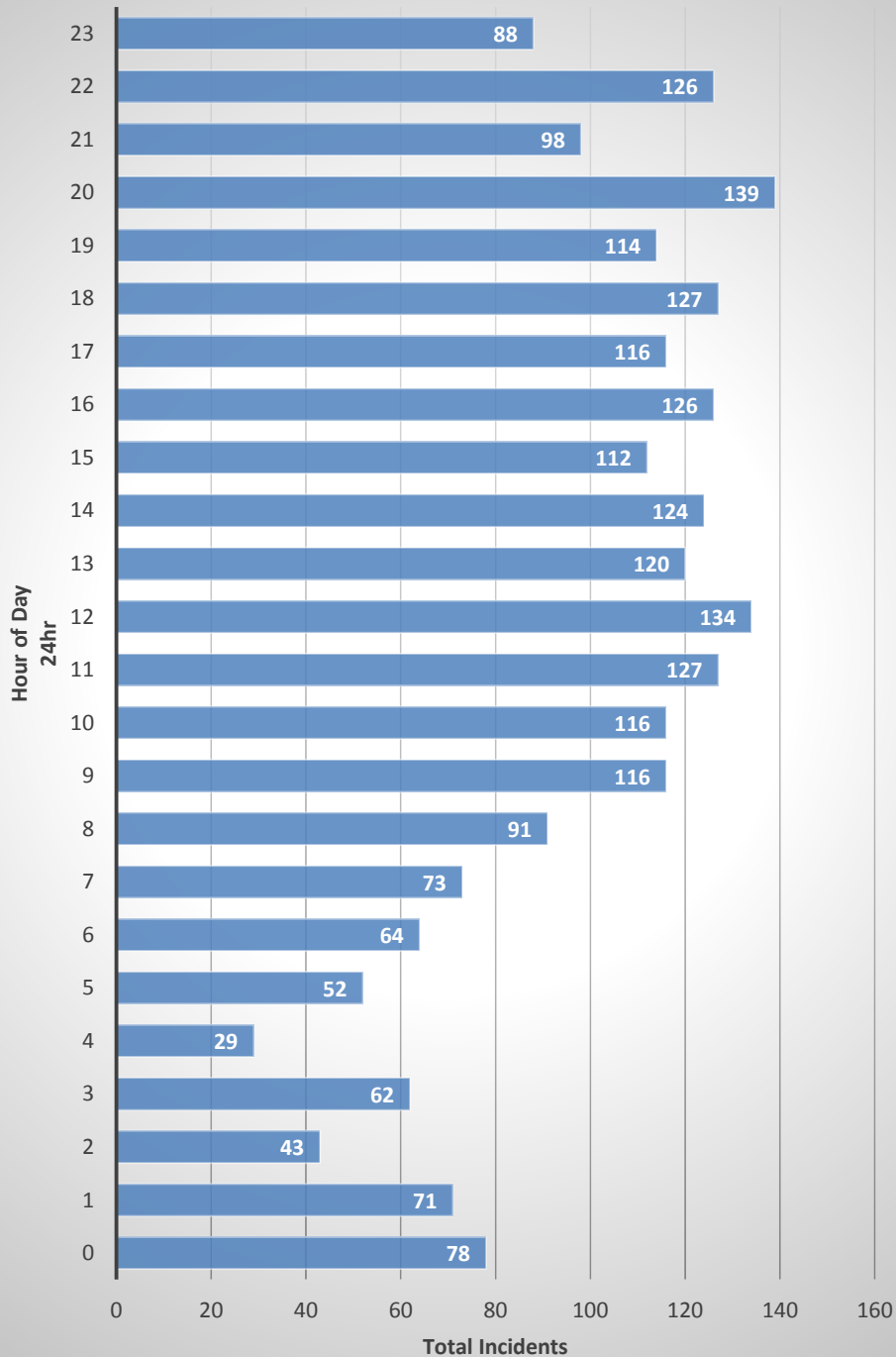
- IS&IT execution of relevant duties and responsibilities.

EMERGENCY RESPONSE DATA

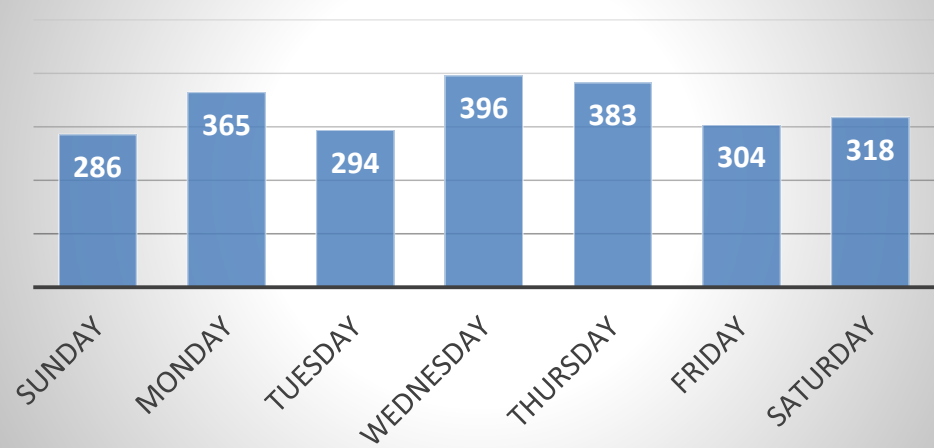


"Goal Oriented, Results Driven"

Incidents by Hour



Incidents by Day of Week



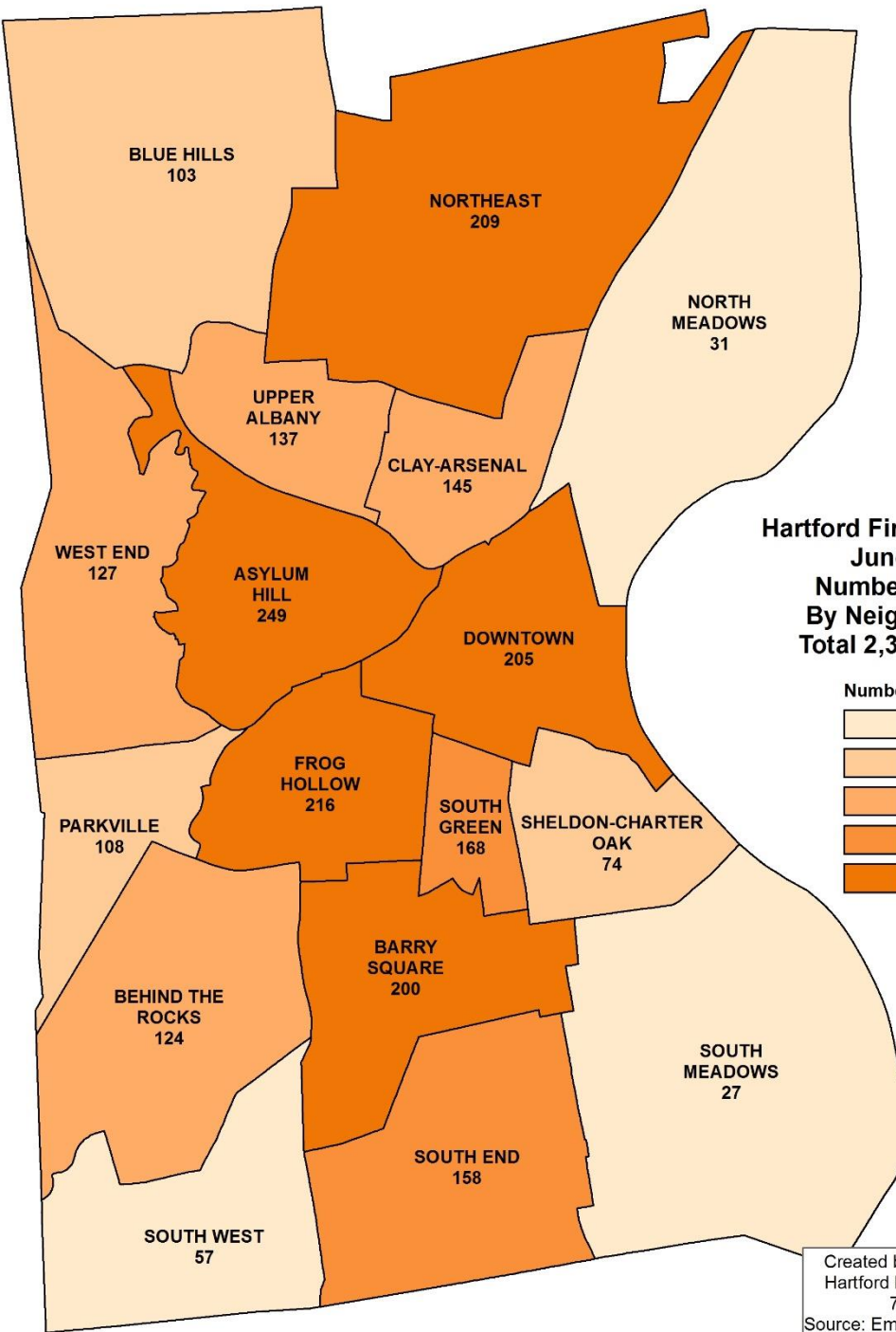
Top 5 Calls for Service

Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	840
311	Medical assist, assist EMS crew	442
500	Service Call, other	184
622	No Incident found on arrival at dispatch address	174
322	Motor vehicle accident with injuries	84

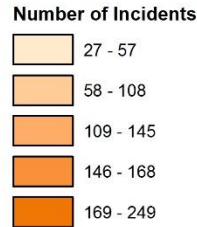
Incidents by Category

Category	Incidents
EMS	1522
SERVICE	350
UNDEFINE	201
ALARM	168
FIRE	60
RESCUE	23
HAZMAT	22

Incidents by Neighborhood June 2022



**Hartford Fire Department
June 2022
Number of Calls
By Neighborhood
Total 2,346 of Calls**

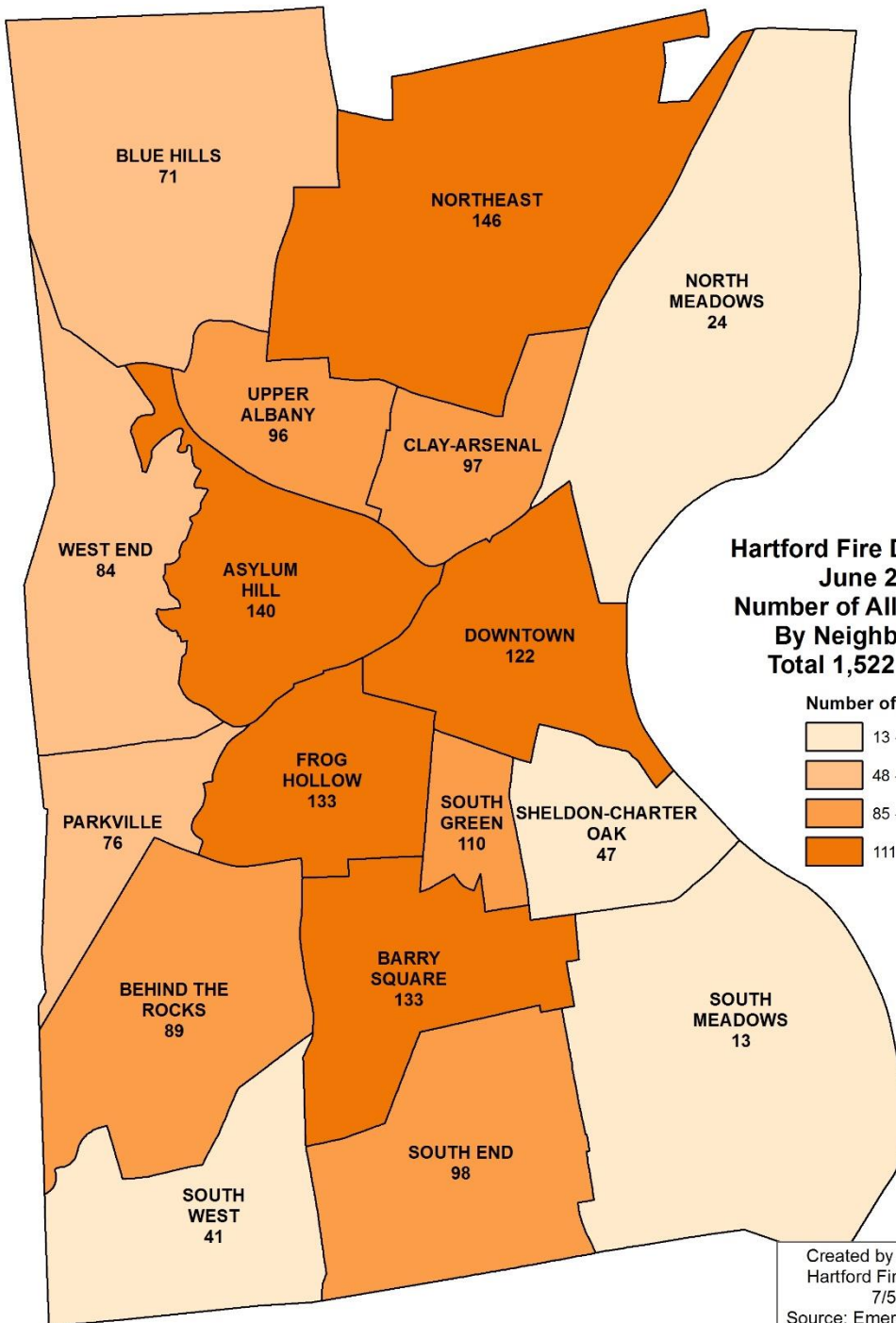


Neighborhood	Count
ASYLUM HILL	249
FROG HOLLOW	216
NORTHEAST	209
DOWNTOWN	205
BARRY SQUARE	200
SOUTH GREEN	168
SOUTH END	158
CLAY-ARSENAL	145
UPPER ALBANY	137
WEST END	127
BEHIND THE ROCKS	124
PARKVILLE	108
BLUE HILLS	103
SHELDON-CHARTER OAK	74
SOUTH WEST	57
NORTH MEADOWS	31
SOUTH MEADOWS	27

Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Emergency Reporting
Geocoded: 2,338
Not Geocoded: 8

EMS

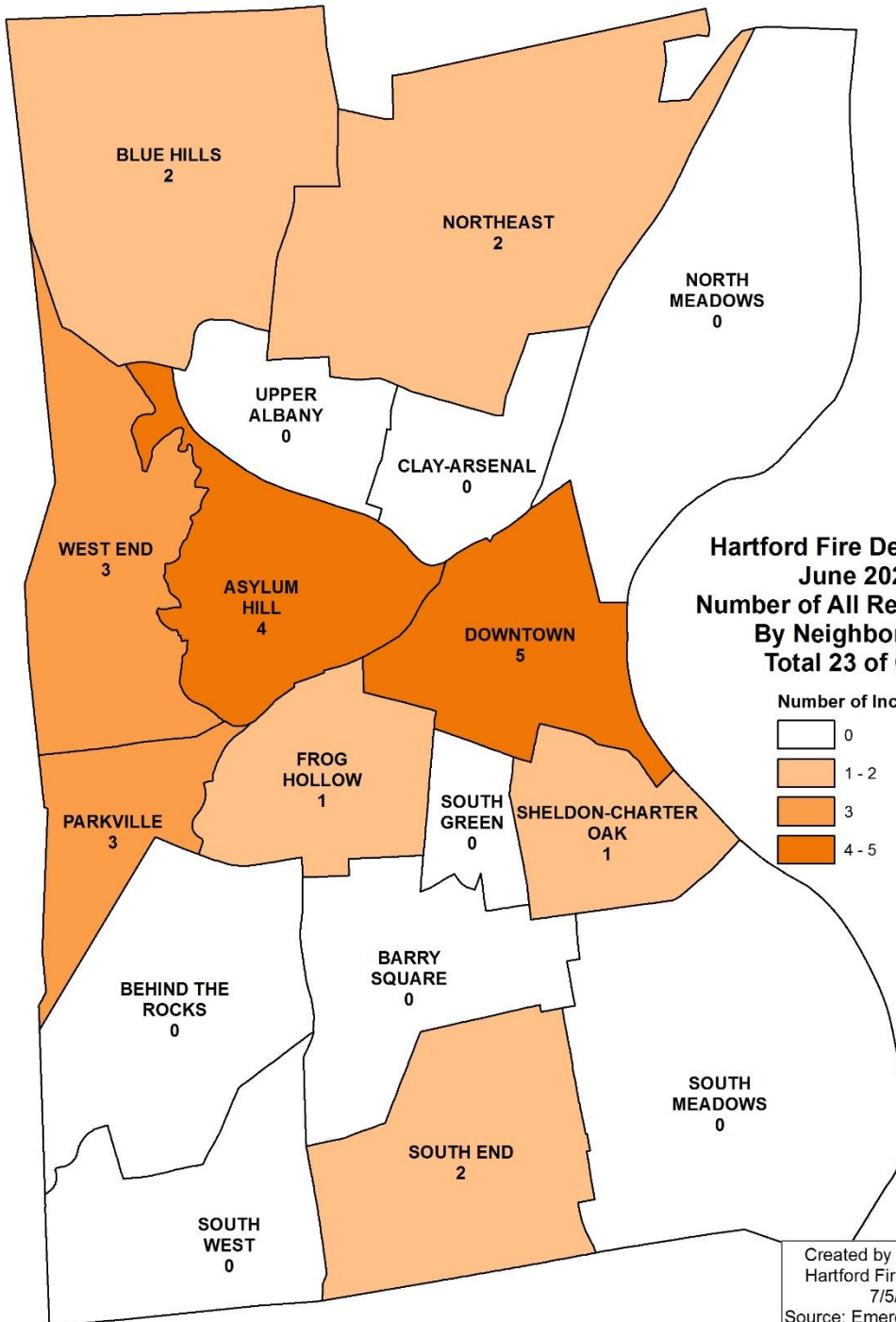
June 2022



Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Emergency Reporting
Geocoded 1,520
Not Geocoded: 2

Incident Type	Description	Count
321	EMS call, excluding vehicle accident with injury	840
311	Medical assist, assist EMS crew	442
322	Motor vehicle accident with injuries	84
381	Rescue or EMS standby	52
324	Motor Vehicle Accident with no injuries	48
510	Person in distress, Other	29
300	Rescue, EMS incident, other	17
323	Motor vehicle/pedestrian accident (MV Ped)	9
320	Emergency medical service, other	1

Rescue Calls June 2022

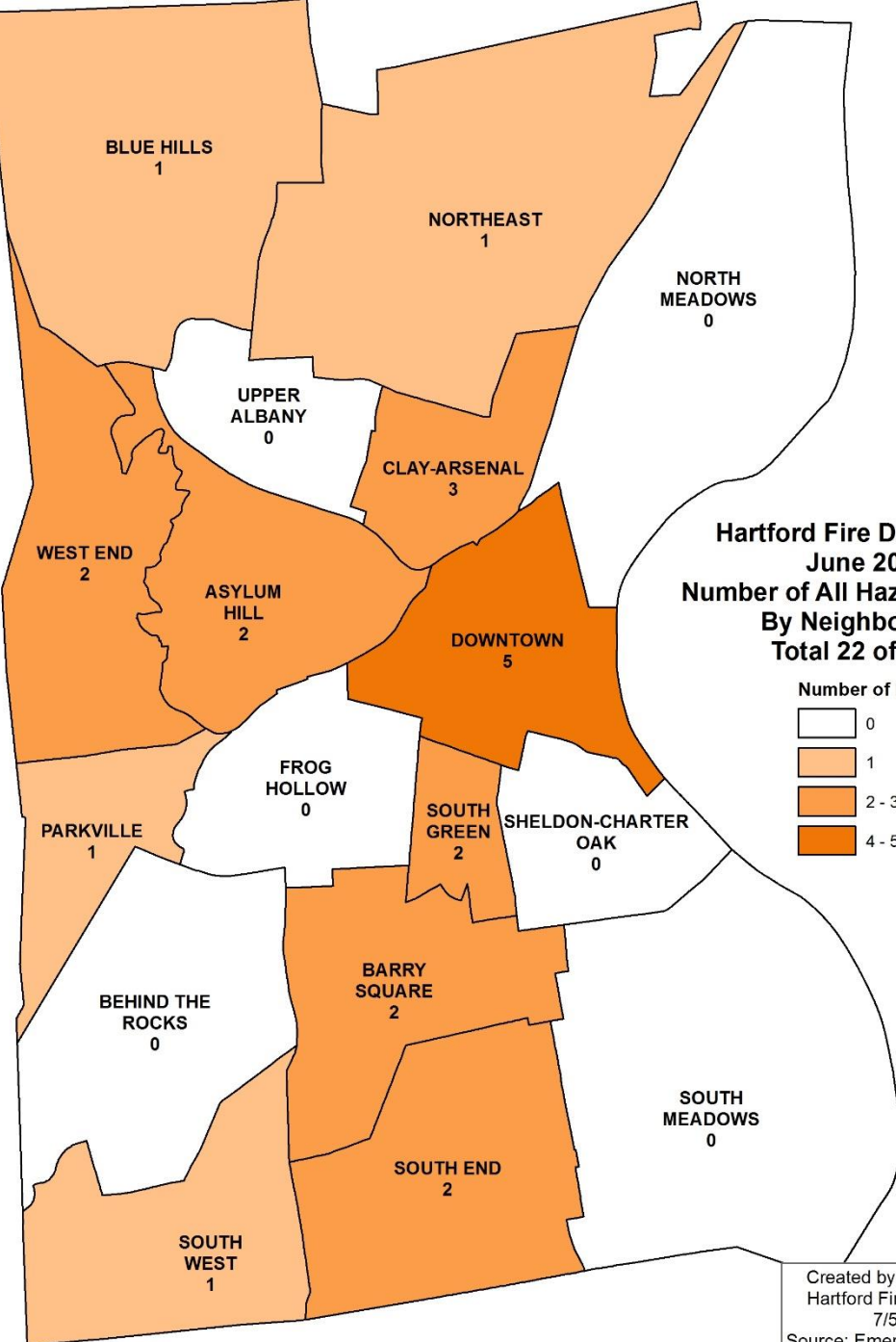


Incident Type	Description	Count
353	Removal of victim(s) from stalled elevator	8
511	Lock-out	6
352	Extrication of victim(s) from vehicle	3
331	Lock-in (if lock out , use 511)	3
461	Building or structure weakened or collapsed	1
512	Ring or jewelry removal	1
350	Extrication, rescue, Other	1

Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Emergency Reporting
Geocoded: 23
Not Geocoded: 0

Hazardous Materials

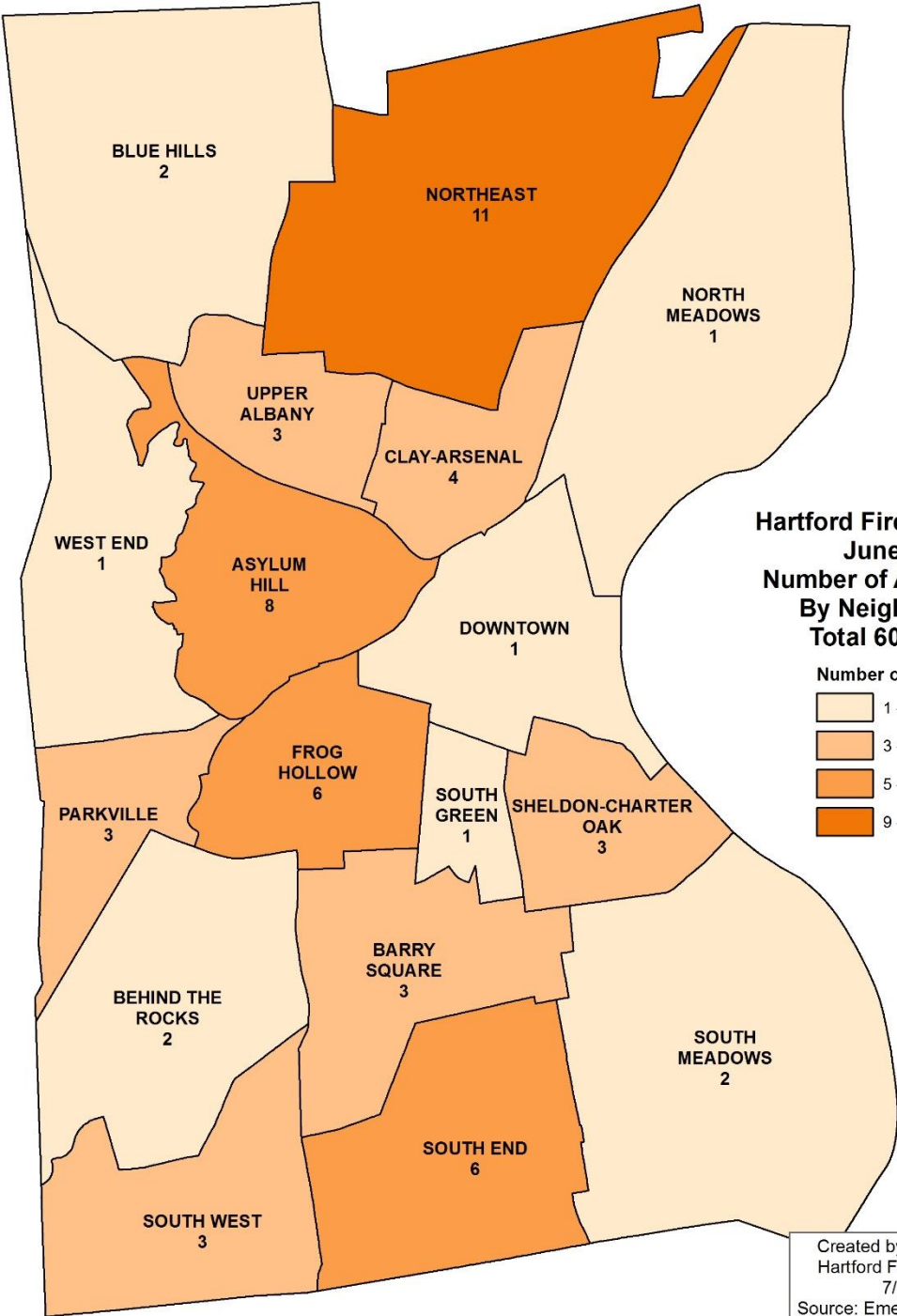
June 2022



Incident Type	Description	Count
463	Vehicle accident, general cleanup	7
412	Gas leak (natural gas or LPG)	6
411	Gasoline or other flammable liquid spill	3
410	Combustible/flammable gas/liquid condition, other	2
400	Hazardous condition, Other	1
460	Accident, potential accident, Other	1
424	Carbon monoxide incident	1
422	Chemical spill or leak	1

Created by Leandro Cieri
 Hartford Fire Department
 7/5/2022
 Source: Emergency Reporting
 Geocoded: 22
 Not Geocoded: 0

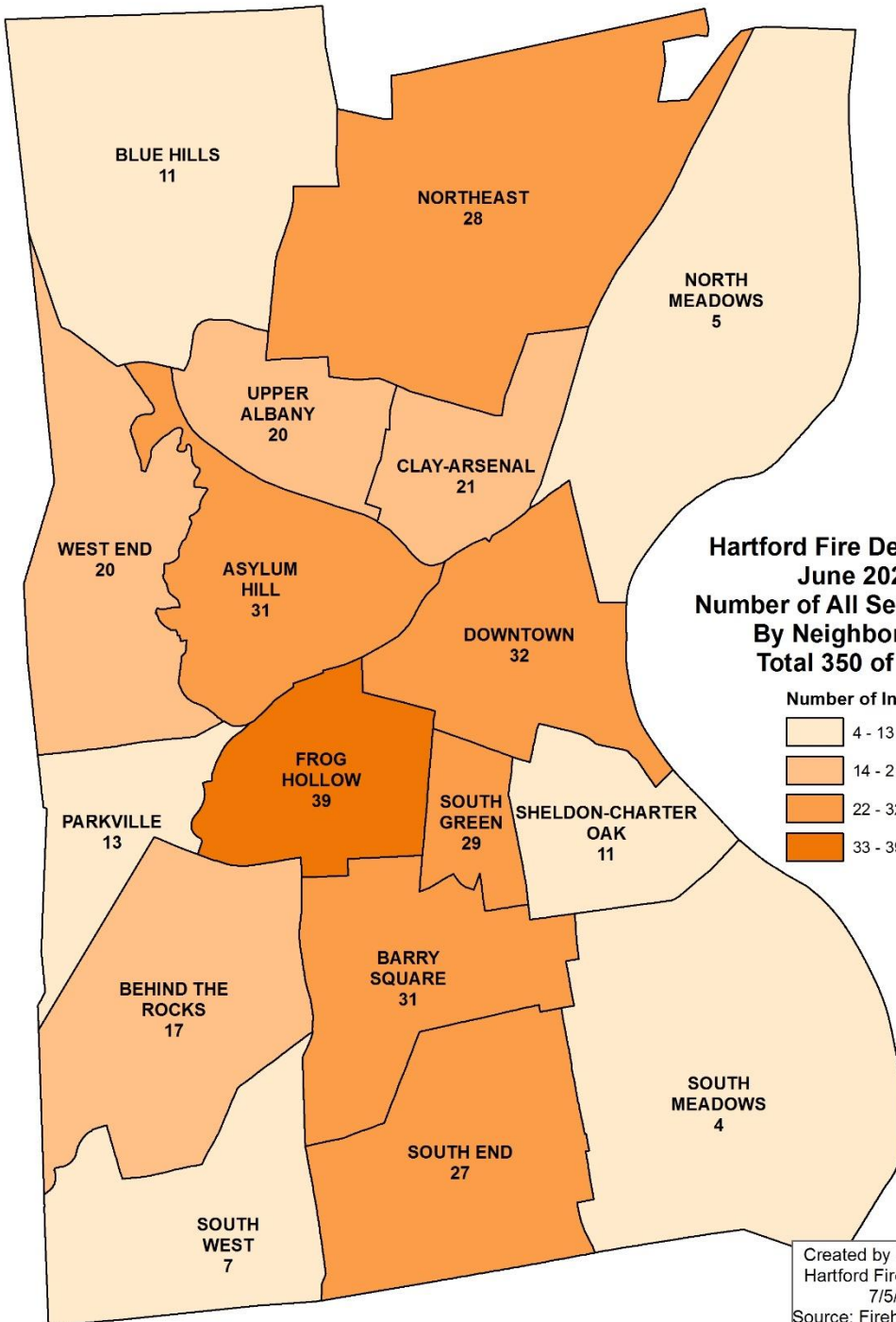
All Fires June 2022



Incident Type	Description	Count
111	Building fire	15
142	Brush or brush-and-grass mixture fire	8
151	Outside rubbish, trash or waste fire	7
154	Dumpster or other outside trash receptacle fire	7
140	Natural vegetation fire, Other	5
100	Fire, Other	4
150	Outside rubbish fire, Other	3
131	Passenger vehicle fire	3
130	Mobile property (vehicle) fire, Other	2
143	Grass fire	2
482	Threat to burn	1
141	Forest, woods or wildland fire	1
113	Cooking fire, confined to container	1
118	Trash or rubbish fire, contained	1

Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Emergency Reporting
Geocoded: 60
Not Geocoded: 0

Service Calls June 2022

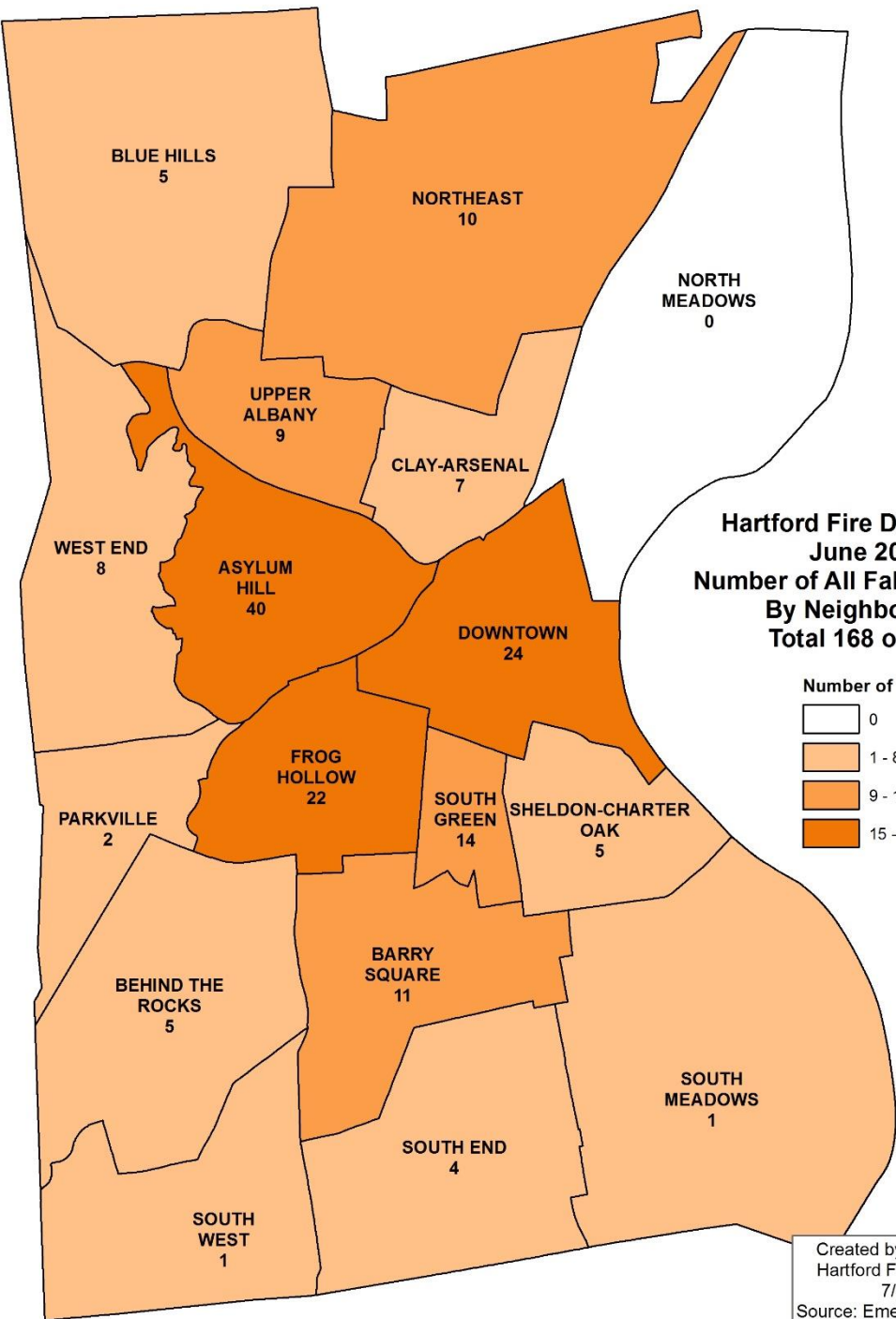


Incident Type	Description	Count
500	Service Call, other	184
552	Police matter	71
553	Public service	37
531	Smoke or odor removal	24
520	Water problem, Other	8
444	Power line down	7
522	Water or steam leak	4
442	Overheated motor	3
445	Arcing, shorted electrical equipment	3
571	Cover assignment, standby, moveup	2
554	Assist invalid	2
550	Public service assistance, Other	2
440	Electrical wiring/equipment problem, Other	2
551	Assist police or other governmental agency	1

Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Firehouse Software
Geocoded: 346
Not Geocoded: 4

Fire Alarms

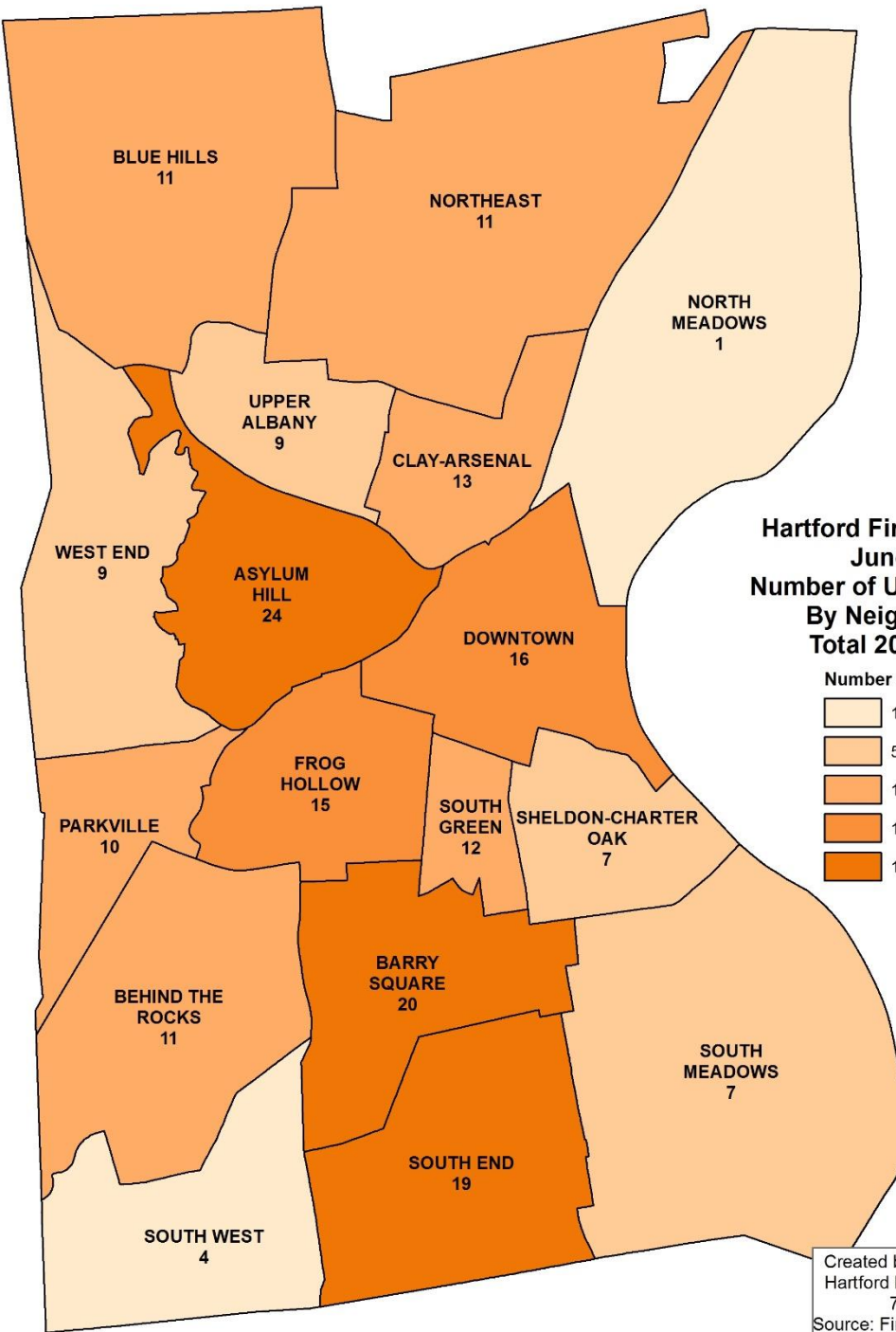
June 2022



Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Emergency Reporting
Geocoded: 168
Not Geocoded: 0

Incident Type	Description	Count
745	Alarm system activation, no fire - unintentional	59
735	Alarm system sounded due to malfunction	26
743	Smoke detector activation, no fire - unintentional	21
710	Malicious, mischievous false call, Other	18
740	Unintentional transmission of alarm, Other	14
733	Smoke detector activation due to malfunction	10
730	System malfunction, Other	6
715	Local alarm system, malicious false alarm	4
744	Detector activation, no fire - unintentional	3
736	CO detector activation due to malfunction	2
741	Sprinkler activation, no fire - unintentional	2
714	Central station, malicious false alarm	1
731	Sprinkler activation due to malfunction	1
711	Municipal alarm system, malicious false alarm	1

Undefined Calls June 2022

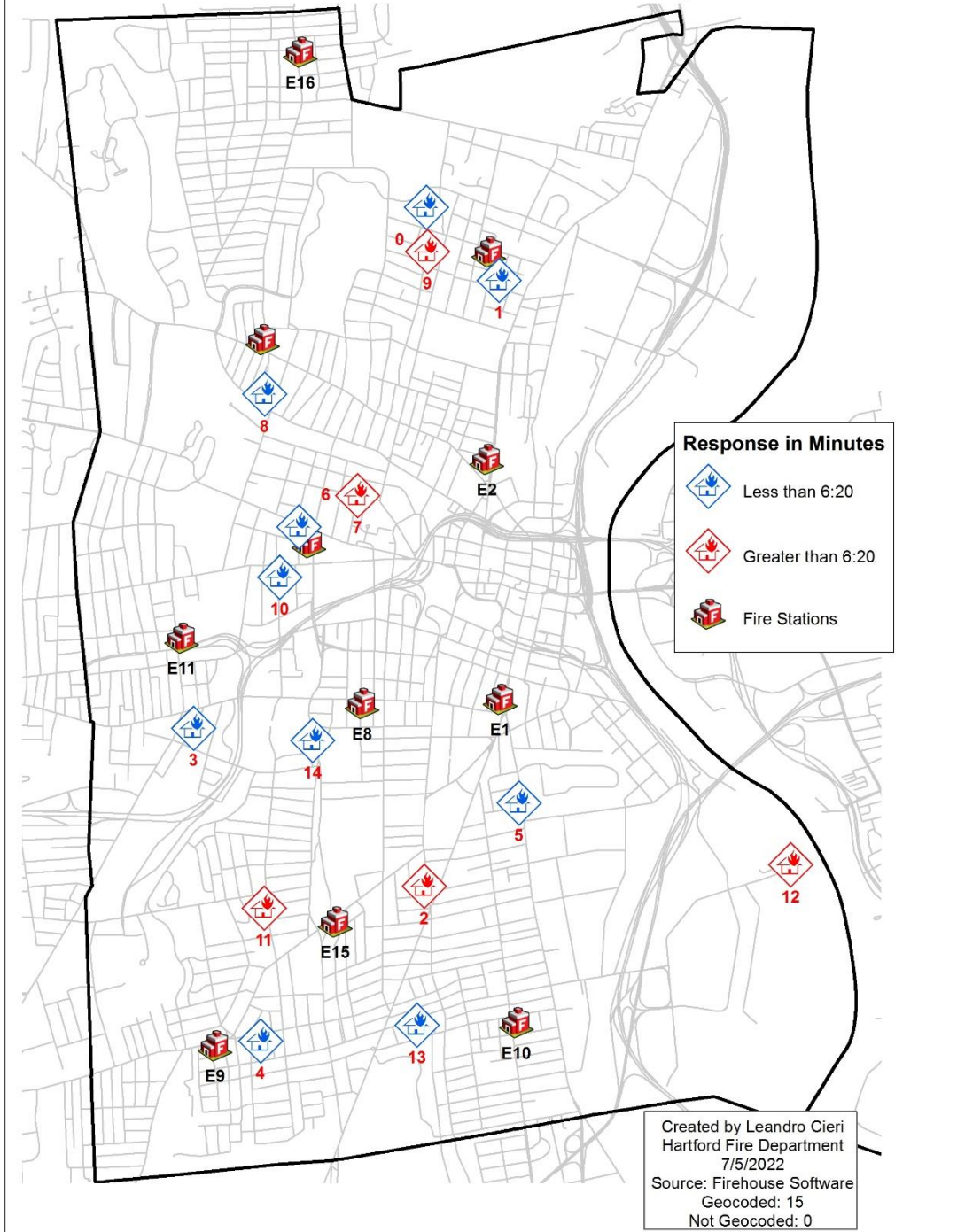


Incident Type	Description	Count
622	No Incident found on arrival at dispatch address	174
661	EMS call, party transported by non-fire agency	7
900	Special type of incident, Other	6
611	Dispatched & cancelled en route	4
621	Wrong location	4
600	Good intent call, Other	3
221	Overpressure rupture of air or gas pipe/pipeline	1
211	Overpressure rupture of steam pipe or pipeline	1
651	Smoke scare, odor of smoke	1

Created by Leandro Cieri
Hartford Fire Department
7/5/2022
Source: Firehouse Software
Geocoded: 199
Not Geocoded: 2

Location of Structure Fires In Relationship to Fire Stations

Key	Incident Number	Response
0	22-178032	0:06:08
1	22-177069	0:04:13
2	22-171079	0:08:35
3	22-171020	0:04:06
4	22-170076	0:04:27
5	22-170012	0:04:41
6	22-169068	0:04:41
7	22-161073	0:07:08
8	22-159053	0:05:50
9	22-157012	0:08:43
10	22-156068	0:04:52
11	22-155062	0:07:43
12	22-154064	0:08:02
13	22-152033	0:04:54
14	22-152006	0:04:46



QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"