

# City of Hartford FIRE DEPARTMENT

#### **FIRESTAT**

August 2022



#### **AGENDA**



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

## **Chief Barco**



# **Chief Reilly**



## **Chief Tulier**



#### **EMERGENCY SERVICES**



#### 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 ISO standards.

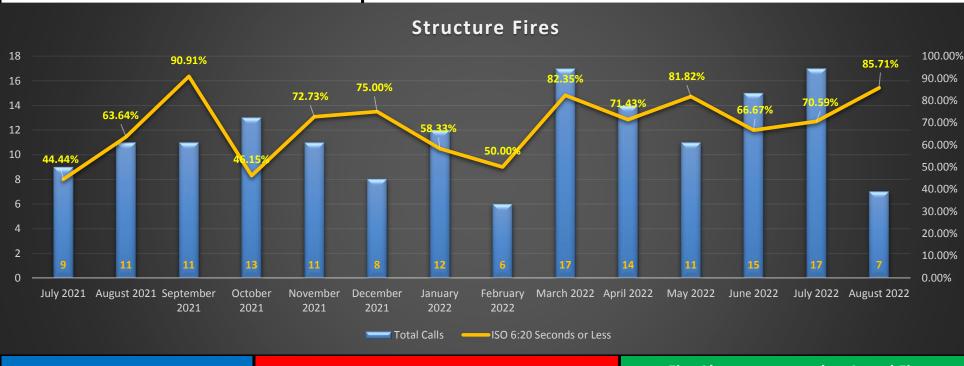
Data Source: Firehouse Software

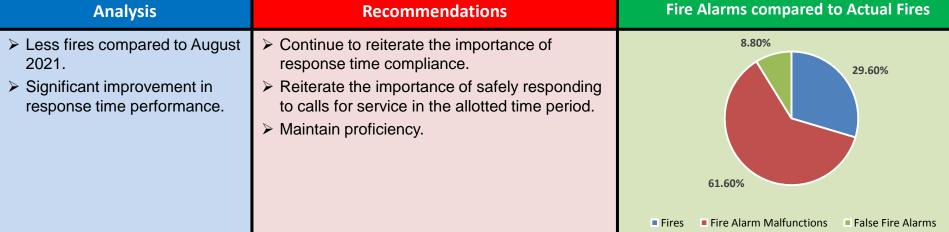
Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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





## EMS Response Scorecard City-Wide

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



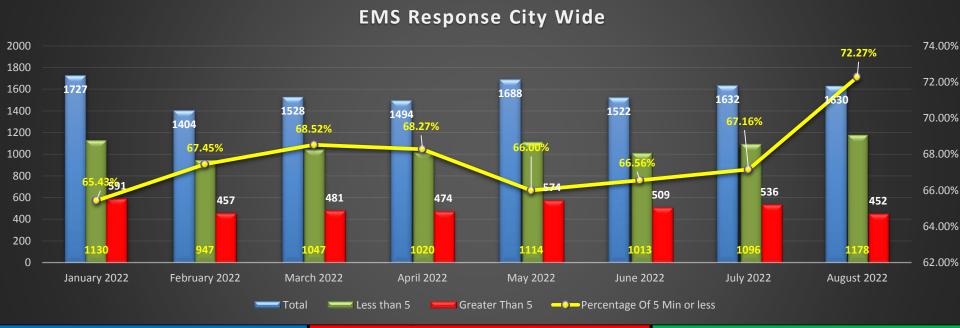
Current Period: 08/01/2022 - 08/31/2022



**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%.



Analysis	Recommendations	Impact
➤ Slight improvement from last month. ➤ Still room for improvement in response time.	➤ Continue to emphasize the importance of responding to EMS per our standard.	➤ 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.

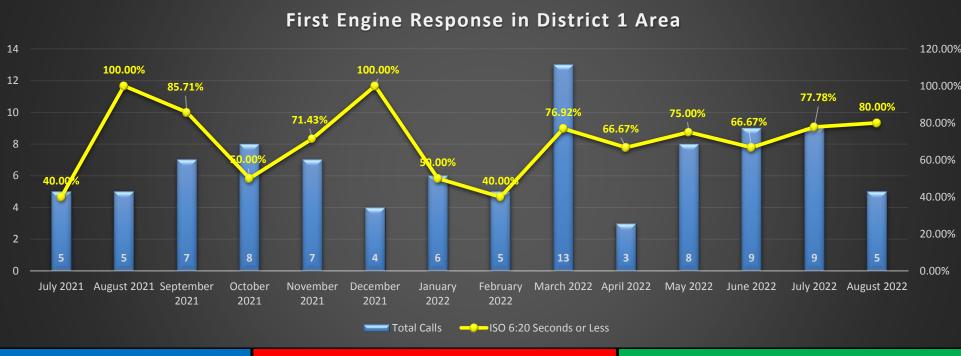
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



Analysis	Recommendations	Impact
➤ A slight increase in response time performance in District 1 geographical area.	<ul> <li>Maintain proficiency.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ Life safety stabilization

### EMS Response Scorecard District 1

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

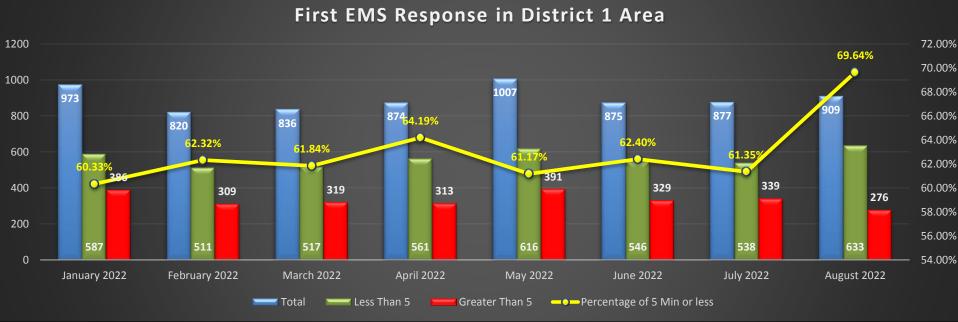
Data Source: Firehouse Software Current Period: 08/01/2022 - 08/31/2022



**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%.



Analysis	Recommendations	Impact
<ul> <li>Slight improvement in response time performance from last month.</li> <li>Area for improvement.</li> </ul>	➤ Continue to re-emphasize importance of EMS responses to members of suppression.	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.

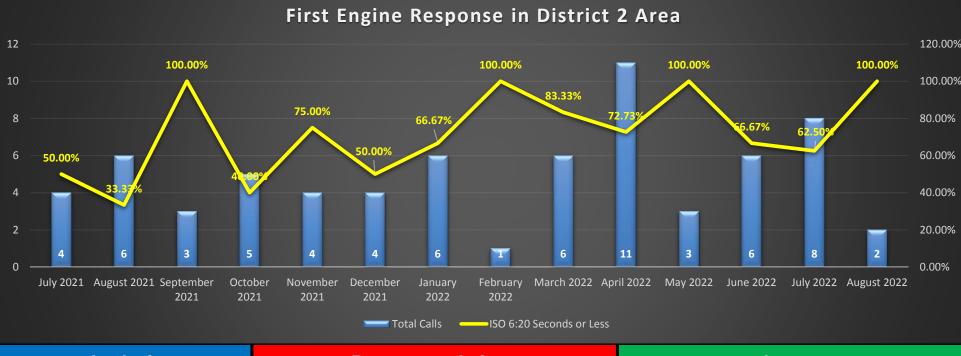
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



Analysis	Recommendations	Impact
<ul> <li>Significant increase in response time performance in District 2 geographical area.</li> <li>100% compliance.</li> </ul>	<ul> <li>Maintain proficiency.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ Effective emergency response.

### EMS Response Scorecard District 2

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

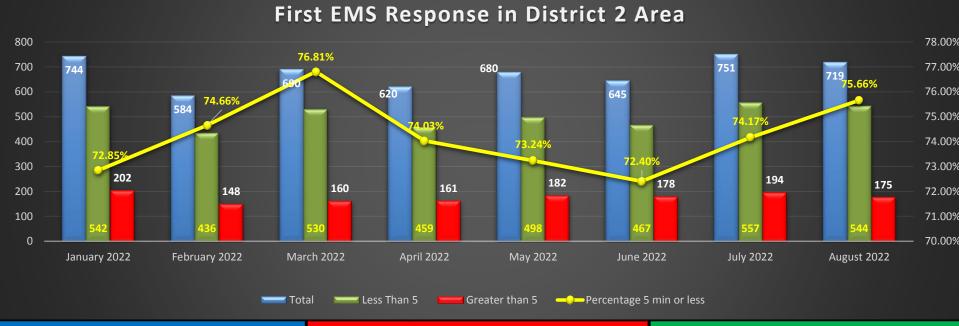
Data Source: Firehouse Software Current Period: 08/01/2022 - 08/31/2022



**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%.



Total Less man 3 Less		
Analysis	Recommendations	Impact
<ul> <li>➤ Slight increase in response time performance compared to the prior month.</li> <li>➤ Area for improvement</li> </ul>	<ul> <li>Continue to re-emphasize importance of EMS responses to members of suppression.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ 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.

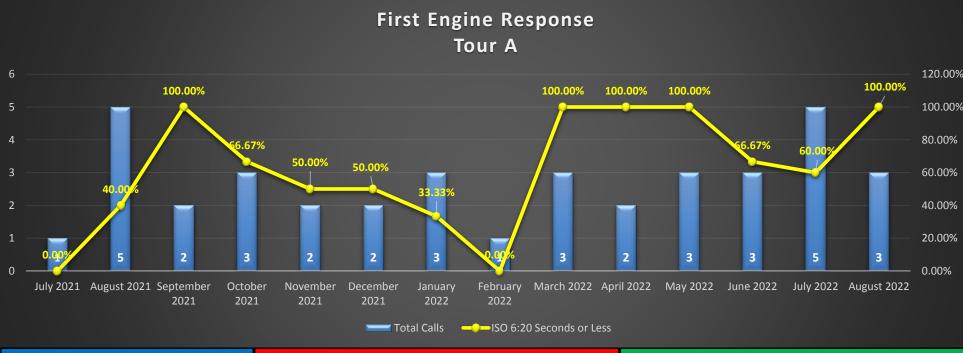
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



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Analysis	Recommendations	Impact
<ul> <li>Significant increase in response time performance.</li> <li>Excellent work A Tour 100% compliance.</li> </ul>	<ul> <li>Maintain proficiency.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	> 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:** 

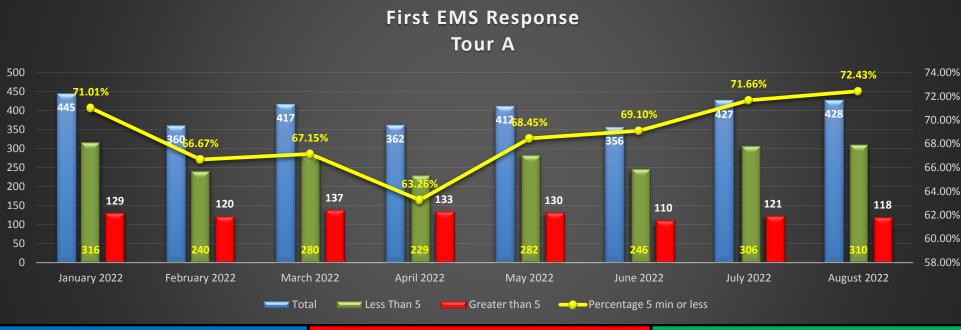
08/01/2022 - 08/31/2022



**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%.



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Analysis	Recommendations	Impact
Slight increase in response time performance.	<ul> <li>Continue to re-emphasize importance of EMS responses to members of suppression.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ 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.

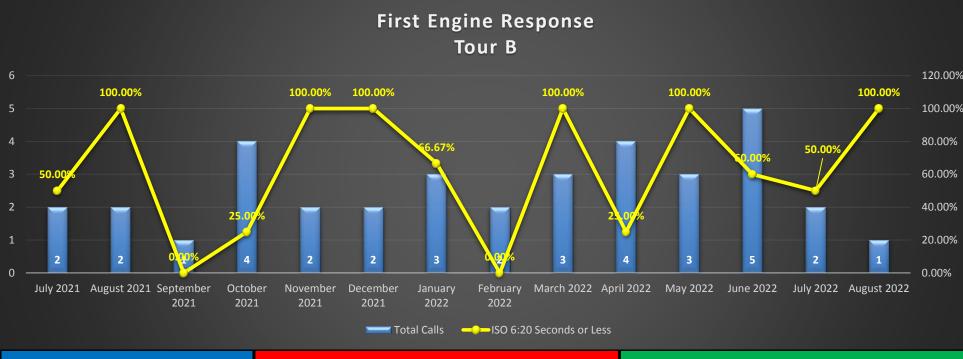
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



Analysis	Recommendations	Impact
<ul> <li>Significant increase in response time performance.</li> <li>Excellent work B Tour, 100% compliance</li> </ul>	<ul> <li>➤ Maintain proficiency.</li> <li>➤ Continue to strive for 90% benchmark.</li> </ul>	➤ Effective emergency response.

### EMS Response Scorecard Tour B

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

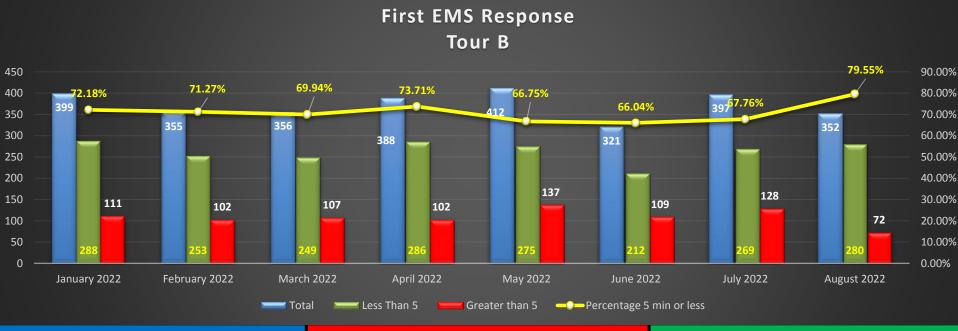
Data Source: Firehouse Software Current Period: 08/01/2022 - 08/31/2022



**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%.



Total Less Than 5 Greater than 5 — Percentage 5 min or less		
Analysis	Recommendations	Impact
Significant increase in response time performance.	<ul> <li>Continue to re-emphasize importance of EMS responses to members of suppression.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ 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.

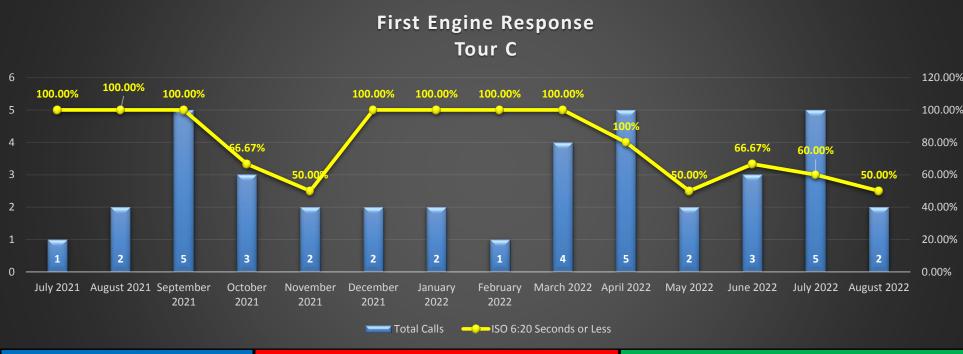
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



Analysis	Recommendations	Impact
<ul> <li>Significant decrease in response time performance.</li> <li>Fewer calls than the prior month</li> </ul>	<ul> <li>Maintain proficiency.</li> <li>Continue to strive for 90% benchmark.</li> <li>Investigate the decrease in response time</li> </ul>	➤ Efficiency of emergency response.

### **EMS Response Scorecard Tour C**

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



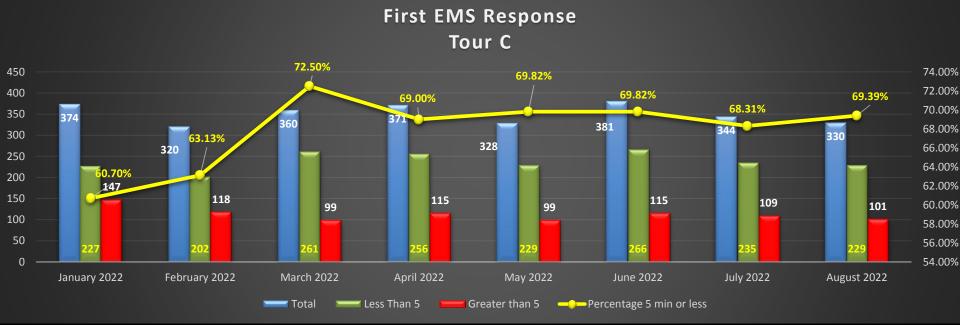
Current Period: 08/01/2022 - 08/31/2022



**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%.



Total Less Than 5 Greater than 5 Percentage 5 min or less		
Analysis	Recommendations	Impact
<ul> <li>Steady response time performance 5 months straight.</li> <li>Average 350 call over the 5-month period.</li> </ul>	<ul> <li>Continue to re-emphasize importance of EMS responses to members of suppression.</li> <li>Continue to strive for 90% benchmark.</li> <li>Investigate low response time average</li> </ul>	➤ 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.

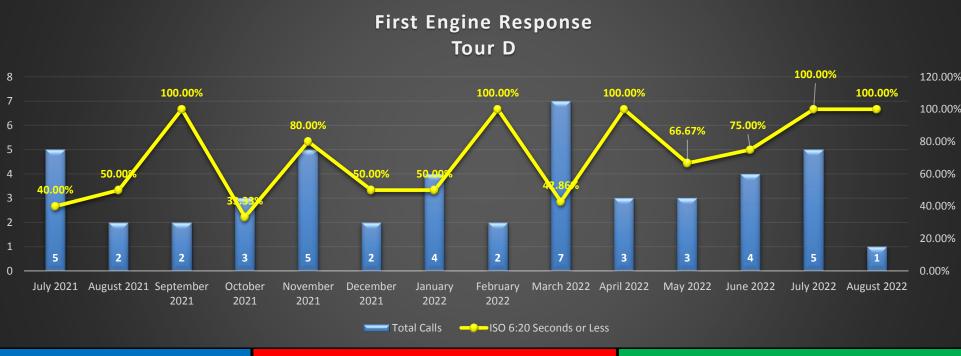
Data Source: Firehouse Software

Current Period: 08/01/2022 - 08/31/2022



HFD Strategic Priorities:
Provide Quality Emergency Services

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



Analysis	Recommendations	Impact
➤ 100% achieved in response time performance.	<ul> <li>➤ Maintain proficiency.</li> <li>➤ Continue to strive for 90% benchmark.</li> </ul>	➤ Life safety incident stabilization.

### EMS Response Scorecard Tour D

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

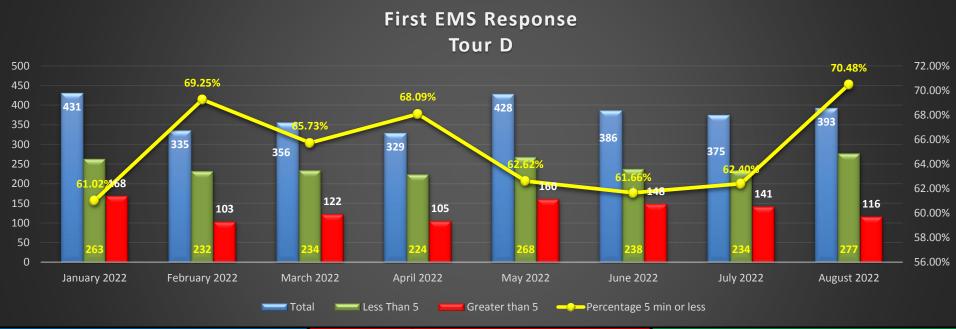
Data Source: Firehouse Software Current Period: 08/01/2022 - 08/31/2022



**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%.



Total Less Than 5 Greater than 5 Percentage 5 min or less			
Analysis	Recommendations	Impact	
Significant increase in response time performance.	<ul> <li>Continue to re-emphasize importance of EMS responses to members of suppression.</li> <li>Continue to strive for 90% benchmark.</li> </ul>	➤ 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



#### 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.

enforcement and public education program, respectively.



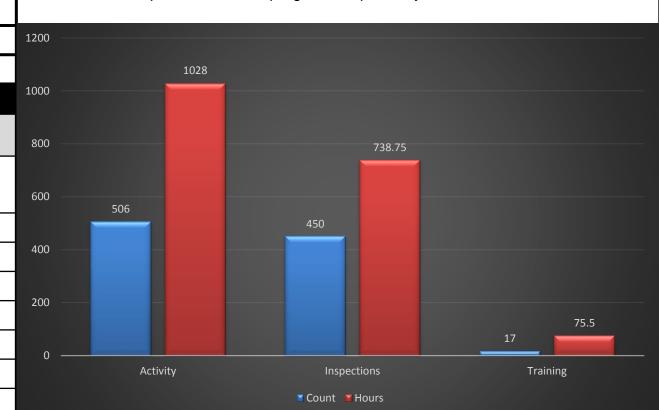
HFD Strategic Priorities:
Provide Quality Code enforcement

Data Source: HFD Firehouse Software

Current Period: 08/01/2022 - 08/31/2022

#### HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
02/22	161	99	
03/22	68	88	
04/22	44	89	
05/22	93	58	
06/22	54	16	
07/22	87	35	
08/22	438	32	



Performance Target – Risk in the community are minimized through a proactive code

# Attendance Total Hours Accounted: Total Hours Off: Total Hours on Duty: Total Hours Accounted For: Accounted For:

>	90% of hours	need to be	accounted for.

Recommendations

> 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.

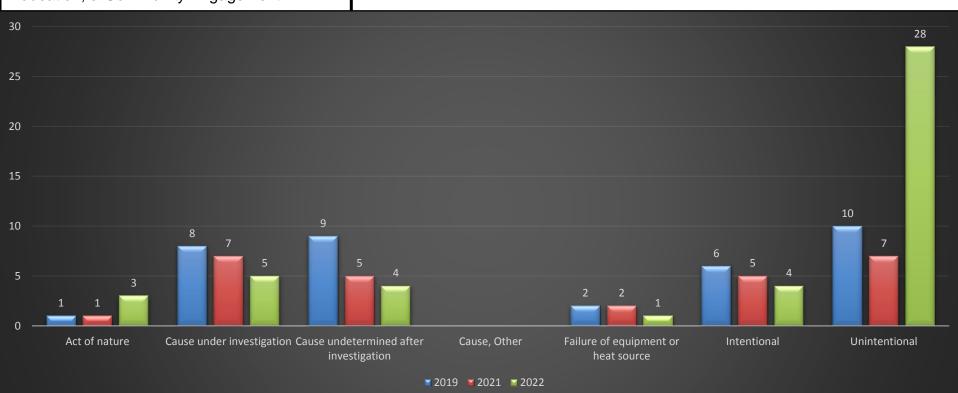
Data Source: Firehouse Software Current Period: 08/01/2022 - 08/31/2022



#### HFD Strategic Priorities:

Provide Quality Code Enforcement, Public Education, & Community Engagement

Performance Target –



	Stigation Heat 30	
	<b>■</b> 2019 <b>■</b> 2021 <b>■</b> 2022	
Analysis	Recommendations	Impact
<ul> <li>Unintentional fires are up compared to 2021.</li> <li>Intentional fires are down in comparison to 2021.</li> </ul>	<ul> <li>Assess effectiveness of community risk reduction program.</li> <li>Continue to monitor cause of fires.</li> </ul>	Minimization of conflagrations in all parts of the city that are adversely impacted.

# COMMUNITY RISK REDUCTION – SPECIAL SERVICES UNIT



#### **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

Detector

**Car Seats** 

**Total Hours** 

Accounted:

**Total Hours on** 

**Duty:** 

Engagement

Data Source: HFD Firehouse Software

Current Period: 08/01/2022 - 08/31/2022

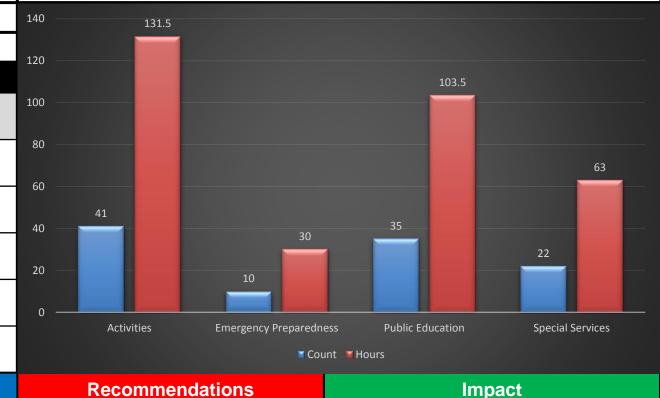
#### HISTORICAL ANALYSIS

Reporting Period	06/22	07/22	08/22
Total Activities	135	111	108
Total Adults	5,308	9,291	7,629
Total Children	5,769	1,747	4,985
Smoke	35	36	39

0

433.5

Important Highlights – 1 event was not attended, 9 CO Alarms were installed, 1,128 water bottles were distributed.



# Attendance 328 Total Hours Off: 60

0

Total Hours Off:	60
Hours Accounted For:	75.66%

0

#### Excellent community engagement and work in the firehouses.

- Time accounted for needs improving at minimum 90%.
- Community is receiving adequate public fire & life safety education. Partnership with FMO has been enhanced.

#### TRAINING DIVISON



#### **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

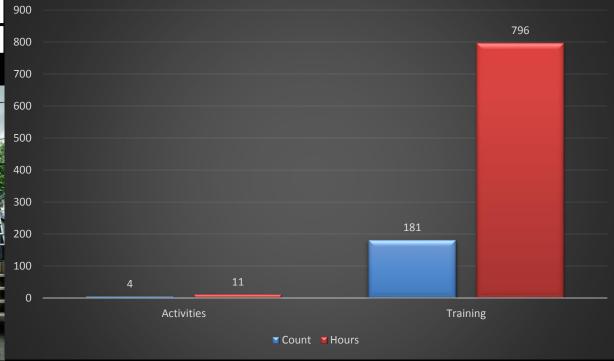
Data Source: HFD Firehouse Software

Current Period: 08/01/2022 – 08/31/2022

#### **HISTORICAL ANALYSIS**



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



Attendance			
Total Hours Accounted:	807	Total Hours Off:	340
Total Hours on Duty:	807	Hours Accounted For:	100.00%

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

> 100% of time accounted for.

Workforce that is compliant with ISO and CONOSHA requirements.

**Impact** 

#### **EQUIPMENT MAINTENANCE DIVISION**



#### **Performance Scorecard**

#### **Equipment Maintenance Division**

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

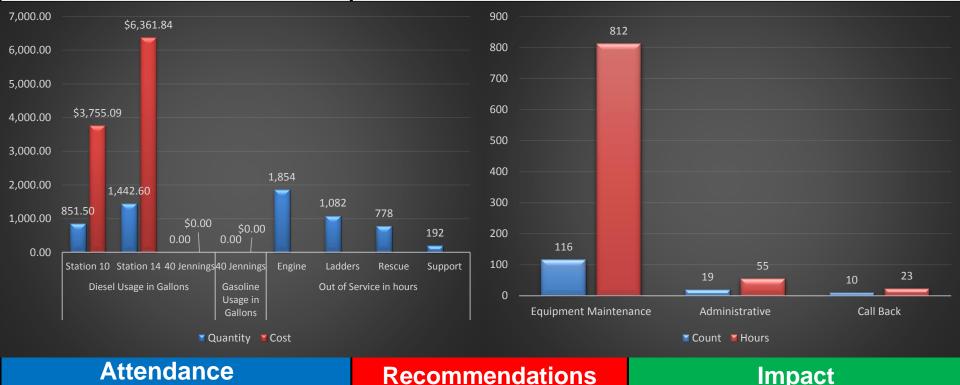
Data Source: HFD Firehouse Software

**Current Period:** 08/01/2022 - 08/31/2022



**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:	890	Total Hours Off:	180
Total Hours on Duty:	1394.5	Hours Accounted For:	63.82%

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

#### **Impact**

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

#### F.A.C.T. DIVISION



#### **Performance Scorecard**

F.A.C.T. Division

External Stakeholder Engagement – Increase public /personnel awareness and safety for the City of Hartford & the Hartford Fire Department.

Operational Performance Measure: Internal /



HFD Strategic Priorities:
Provide Quality I.T. & Technical Assistance to

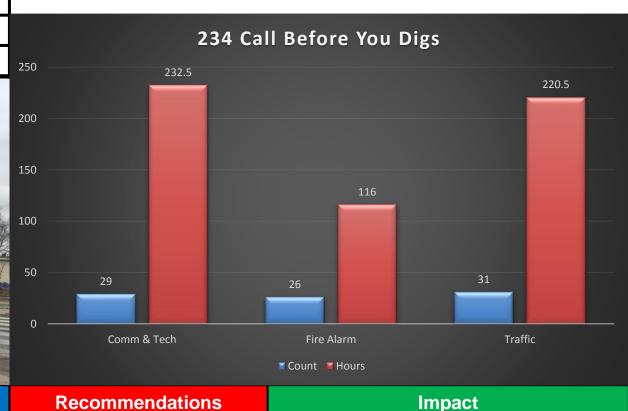
HFD

Performance Target – Mitigate a diverse portfolio of service calls.

Data Source: HFD Firehouse Software

Current Period: 08/01/2022 – 08/31/2022





#### Attendance

Total Hours Accounted:	569	Total Hours Off:	140
Total Hours on	662	Hours	85.95%

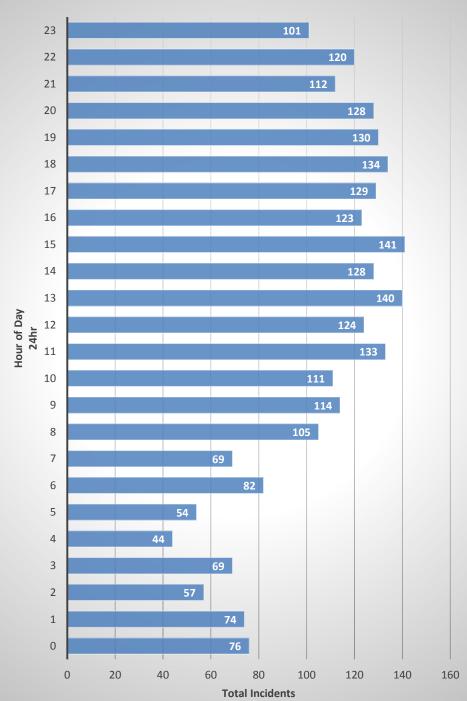
#### ✓ Excellent overall work.

- √ 90% of time must be accounted for.
- IS&IT execution of relevant duties and responsibilities.

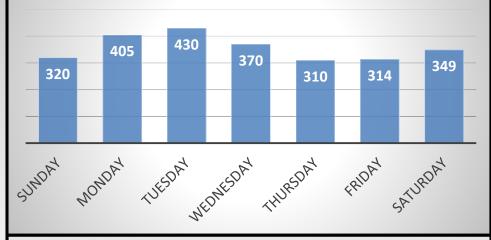
#### **EMERGENCY RESPONSE DATA**



#### **Incidents by Hour**



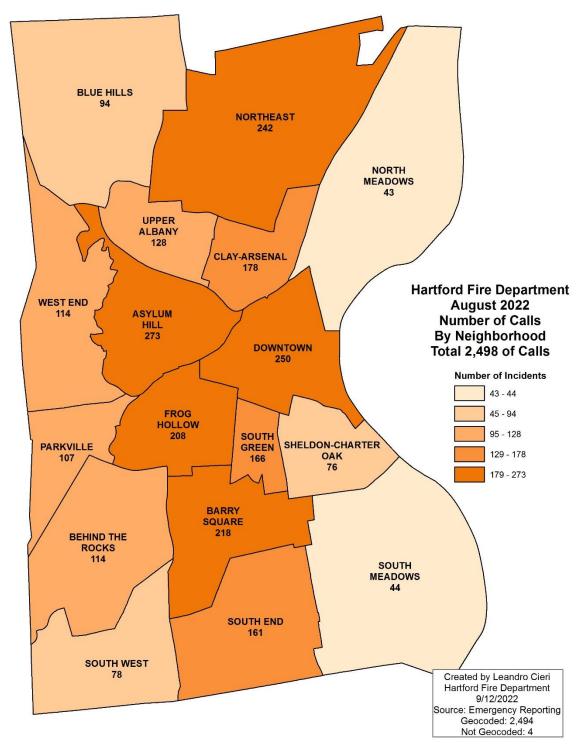
#### **Incidents by Day of Week**



Top 5 Calls for Service				
Incident Type	Description	Count		
321	EMS call, excluding vehicle accident with injury	904		
311	Medical assist, assist EMS crew	500		
500	Service Call, other	192		
622	No Incident found on arrival at dispatch address	172		
552	Police matter	70		

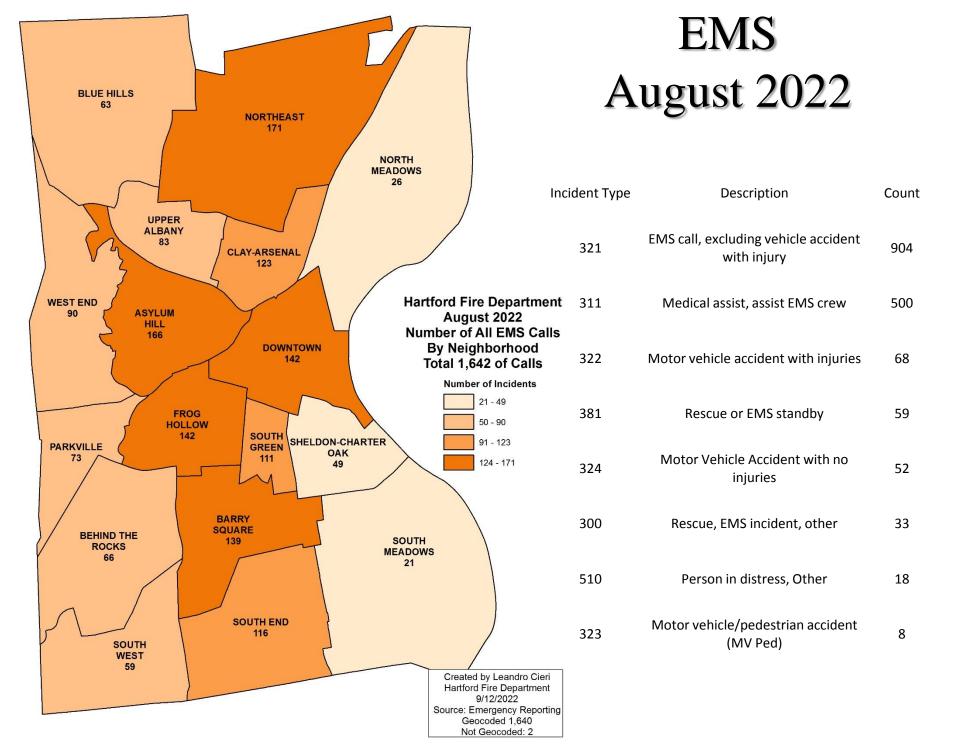
#### Incidents by Category

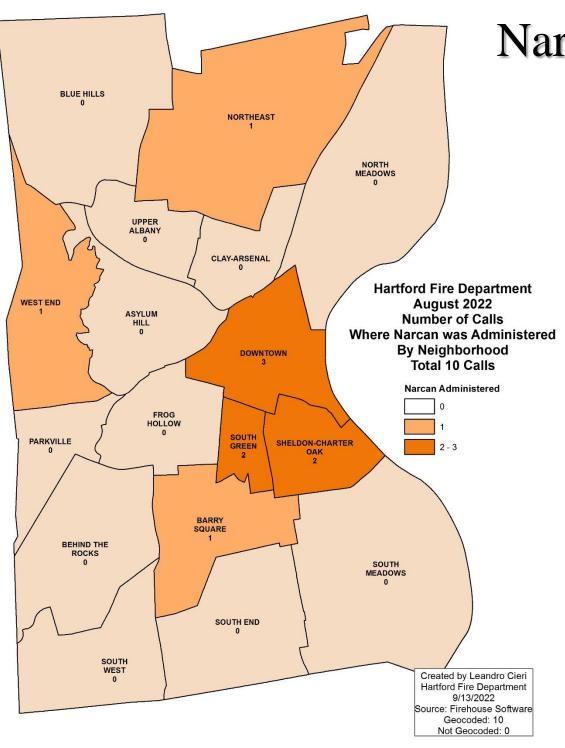
Category	Incidents
EMS	1642
SERVICE	367
UNDEFINE	201
ALARM	176
FIRE	74
RESCUE	26
HAZMAT	9



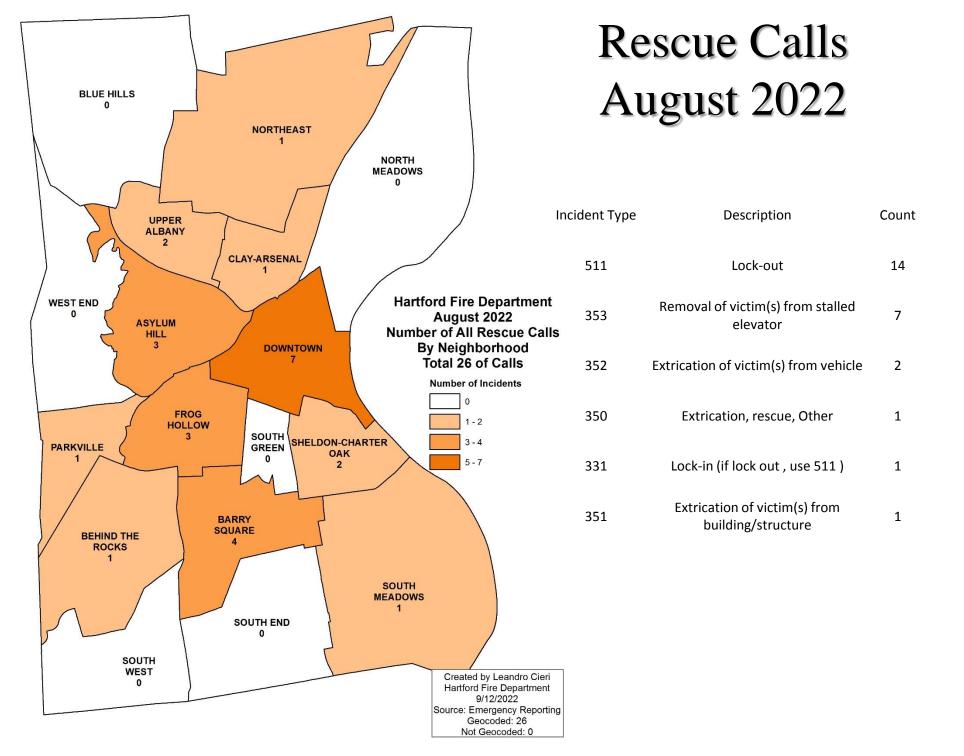
### Incidents by Neighborhood August 2022

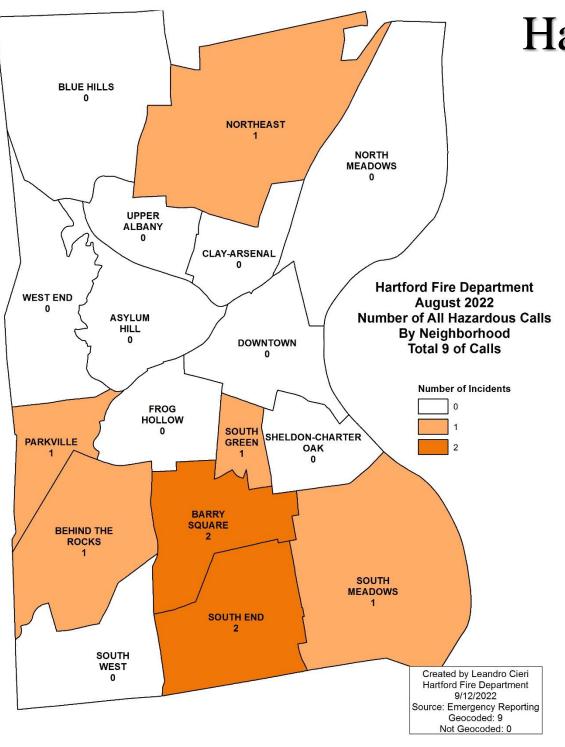
Neighborhood	Count
ASYLUM HILL	273
DOWNTOWN	250
NORTHEAST	242
BARRY SQUARE	218
FROG HOLLOW	208
CLAY-ARSENAL	178
SOUTH GREEN	166
SOUTH END	161
UPPER ALBANY	128
BEHIND THE ROCKS	114
WEST END	114
PARKVILLE	107
BLUE HILLS	94
SOUTH WEST	78
SHELDON-CHARTER OAK	76
SOUTH MEADOWS	44
NORTH MEADOWS	43





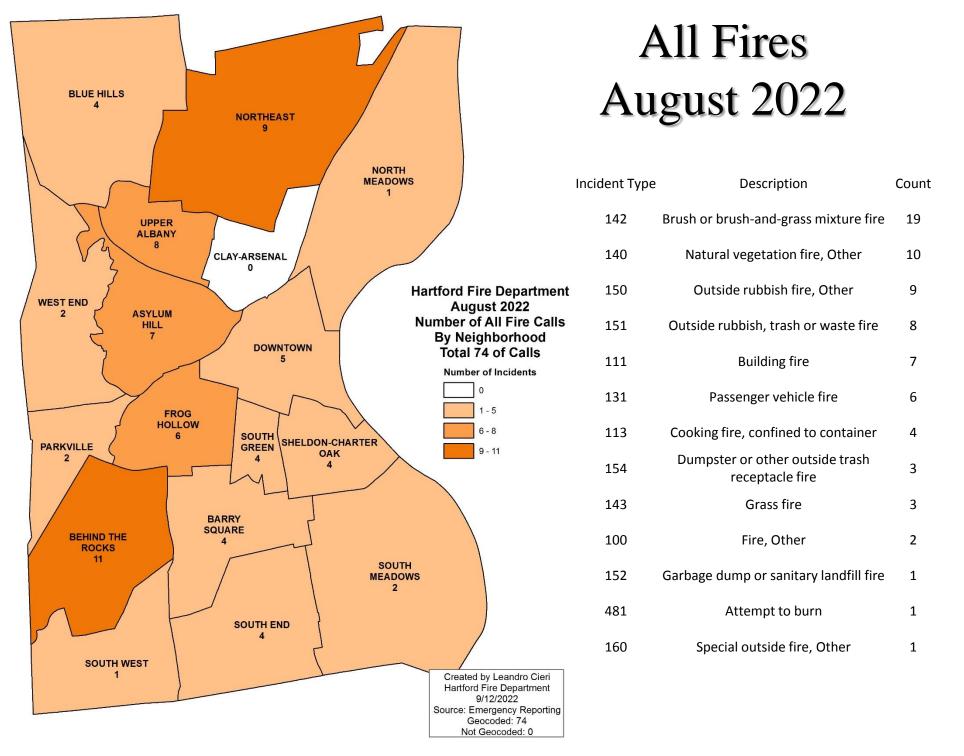
### Narcan Administered August 2022

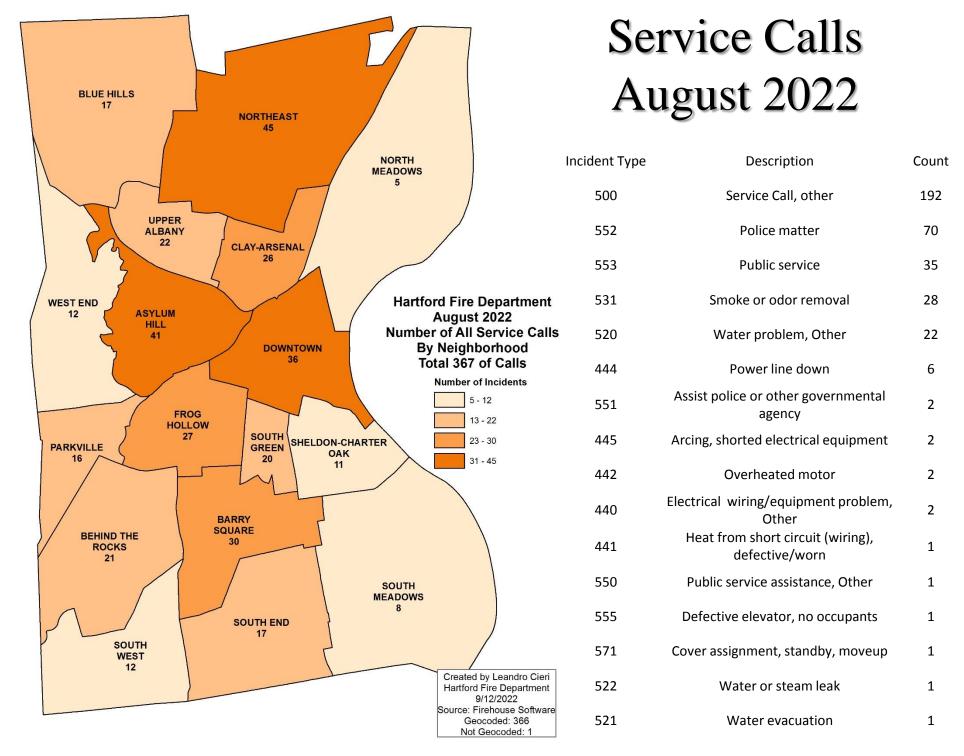


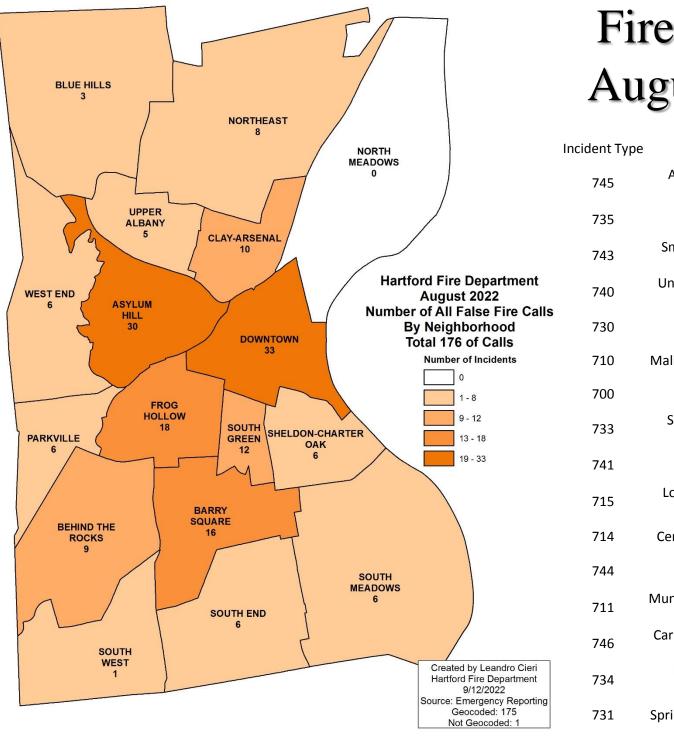


# Hazardous Materials August 2022

Incident Type	Description	Count
412	Gas leak (natural gas or LPG)	6
424	Carbon monoxide incident	1
463	Vehicle accident, general cleanup	1
413	Oil or other combustible liquid spill	1





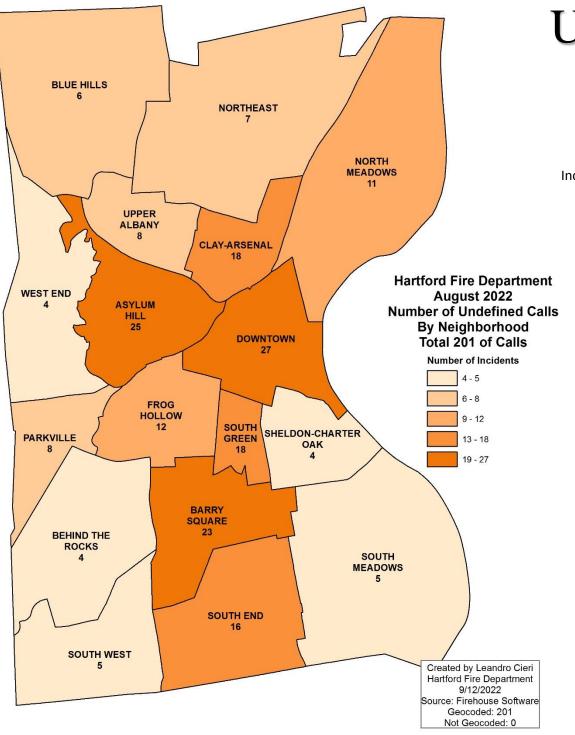


### Fire Alarms August 2022

Description

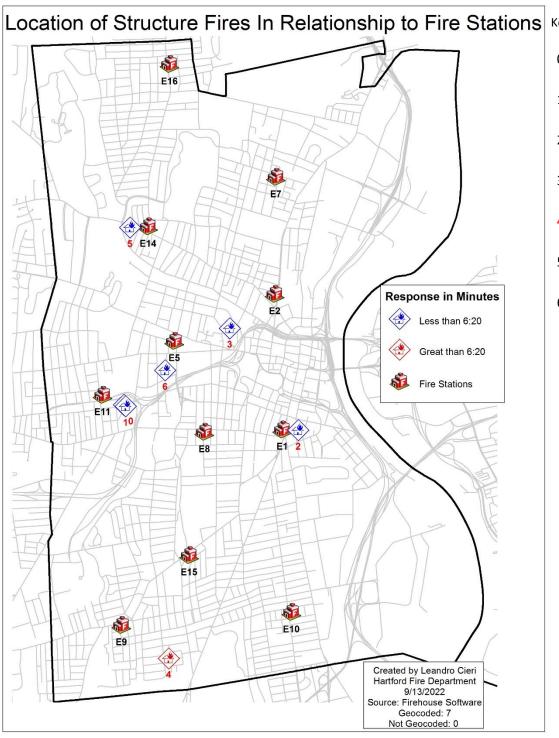
Count

	·	
745	Alarm system activation, no fire - unintentional	58
735	Alarm system sounded due to malfunction	34
743	Smoke detector activation, no fire - unintentional	21
740	Unintentional transmission of alarm, Other	17
730	System malfunction, Other	9
710	Malicious, mischievous false call, Other	8
700	False alarm or false call, Other	8
733	Smoke detector activation due to malfunction	6
741	Sprinkler activation, no fire - unintentional	5
715	Local alarm system, malicious false alarm	3
714	Central station, malicious false alarm	2
744	Detector activation, no fire - unintentional	1
711	Municipal alarm system, malicious false alarm	1
746	Carbon monoxide detector activation, no CO	1
734	Heat detector activation due to malfunction	1
731	Sprinkler activation due to malfunction	1



### Undefined Calls August 2022

ncident Type	Description	Count
622	No Incident found on arrival at dispatch address	172
900	Special type of incident, Other	13
661	EMS call, party transported by non- fire agency	3
600	Good intent call, Other	3
621	Wrong location	3
611	Dispatched & cancelled en route	2
653	Smoke from barbecue, tar kettle	1
671	HazMat release investigation w/no HazMat	1
650	Steam, Other gas mistaken for smoke, Other	1
211	Overpressure rupture of steam pipe or pipeline	1
210	Overpressure rupture from steam, Other	1



Key	Incident Number	Response
0	22-227063	0:03:59
1	22-226054	0:04:15
2	22-224060	0:04:47
3	22-222053	0:05:22
4	22-221014	0:06:33
5	22-215010	0:04:03
6	22-214002	0:05:17

## **QUESTIONS/COMMENTS**

