



City of Hartford
FIRE DEPARTMENT

FIRESTAT

August 2019

"Goal Oriented, Results Driven"



AGENDA



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

"Goal Oriented, Results Driven"

Chief Freeman



"Goal Oriented, Results Driven"

Chief Reilly



"Goal Oriented, Results Driven"

Chief Barco



"Goal Oriented, Results Driven"

EMERGENCY SERVICES



"Goal Oriented, Results Driven"

2019 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.

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

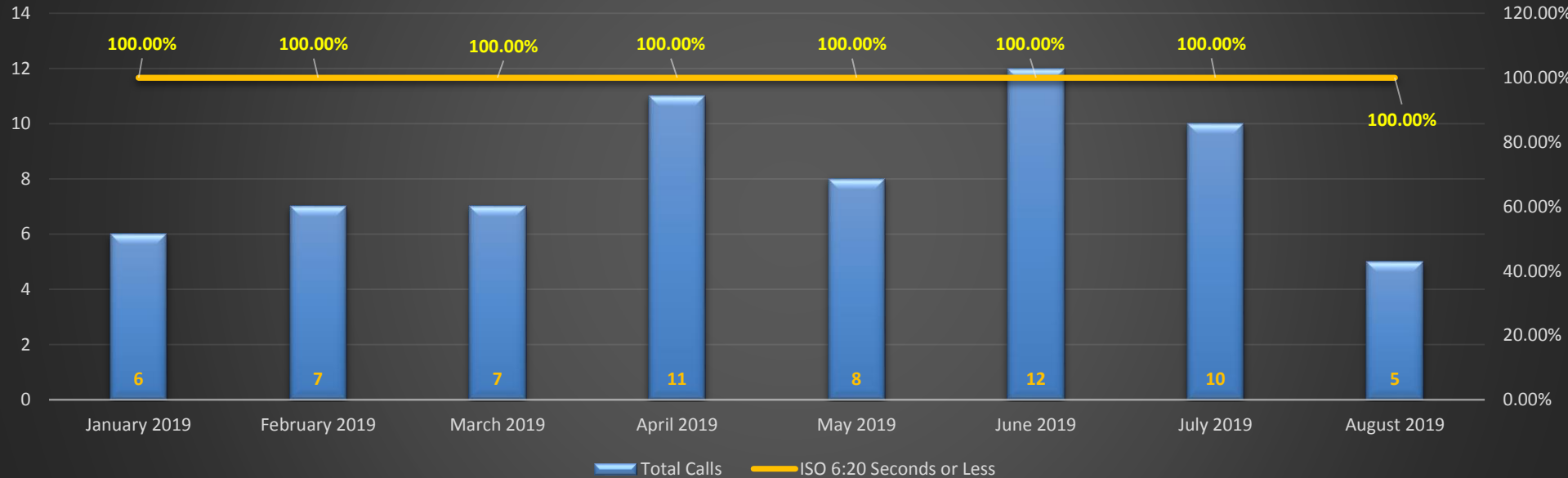
Current Period:
08/01/2019 - 08/31/2019



HFD Strategic Priorities:
Provide Quality Emergency Services

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

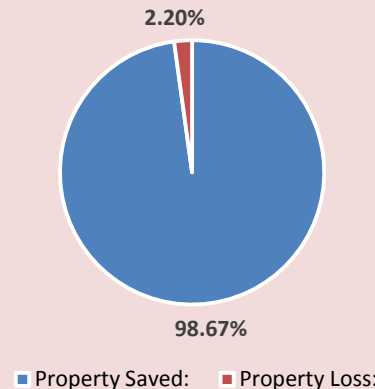
Structure Fires



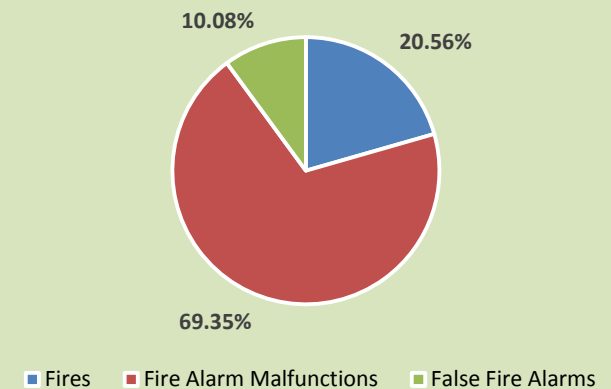
Analysis

- Stellar performance by all (4) tours. Keep up the great work.
- Percentage of property saved is yet again impressive.

Percentage of Property Saved



Fire Alarms compared to Actual Fires



EMS Response Scorecard

City-Wide

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



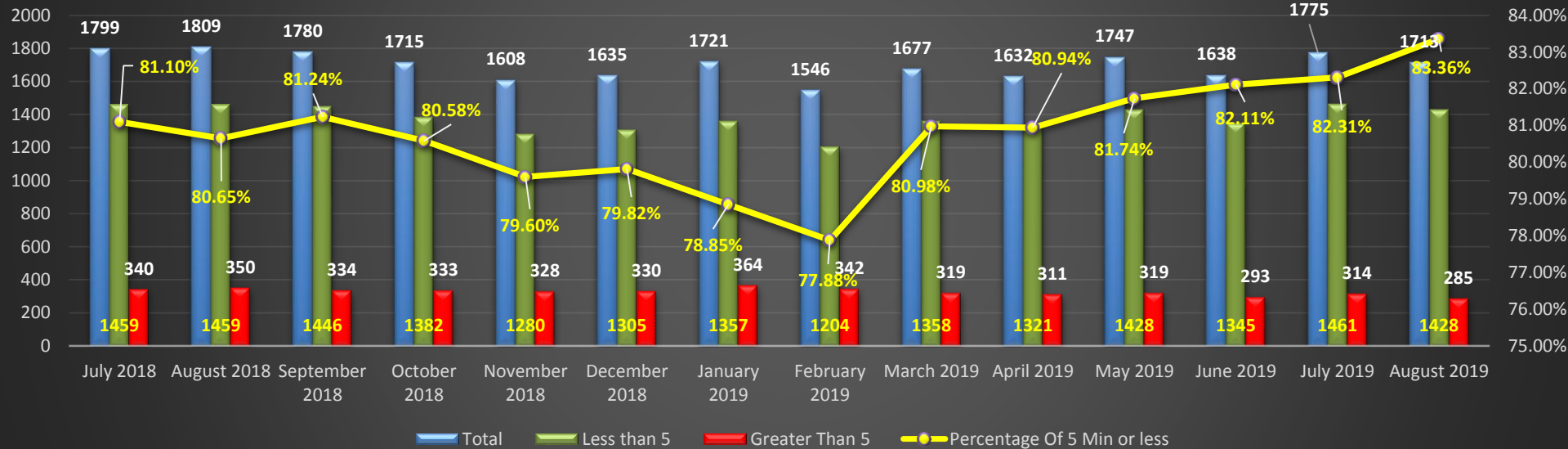
Data Source:
Firehouse Software

Current Period:
08/01/2019 - 08/31/2019

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

➤ Performance continues to improve for EMS response times for the 6th month in a row. Well done by all members of HFD.

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

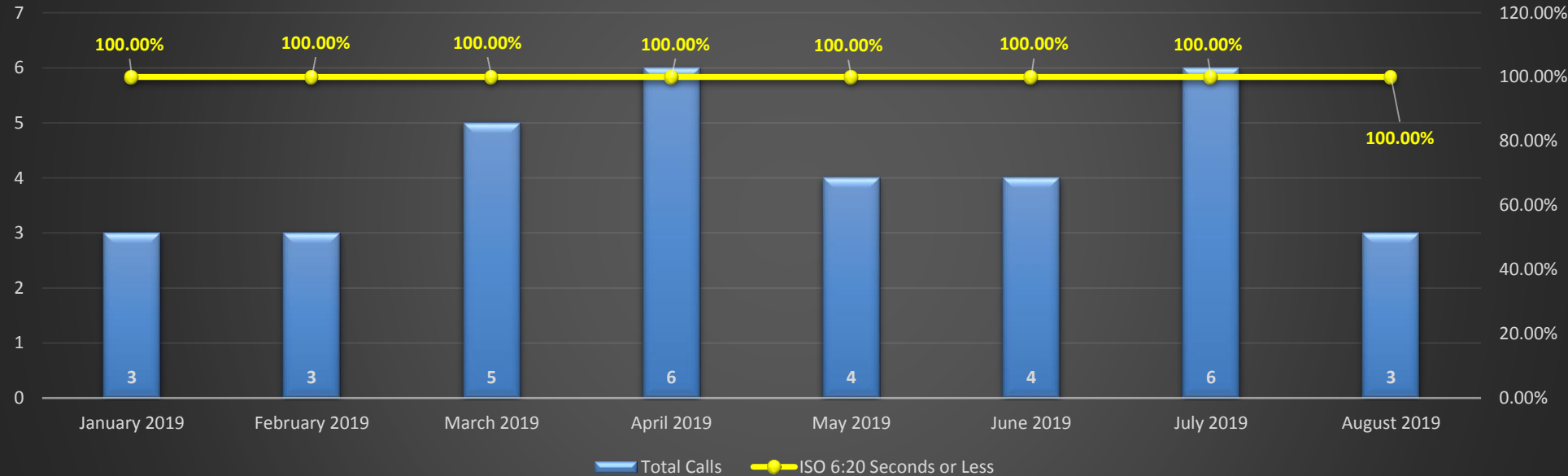
Current Period:
08/01/2019 - 08/31/2019



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, District 1.

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.



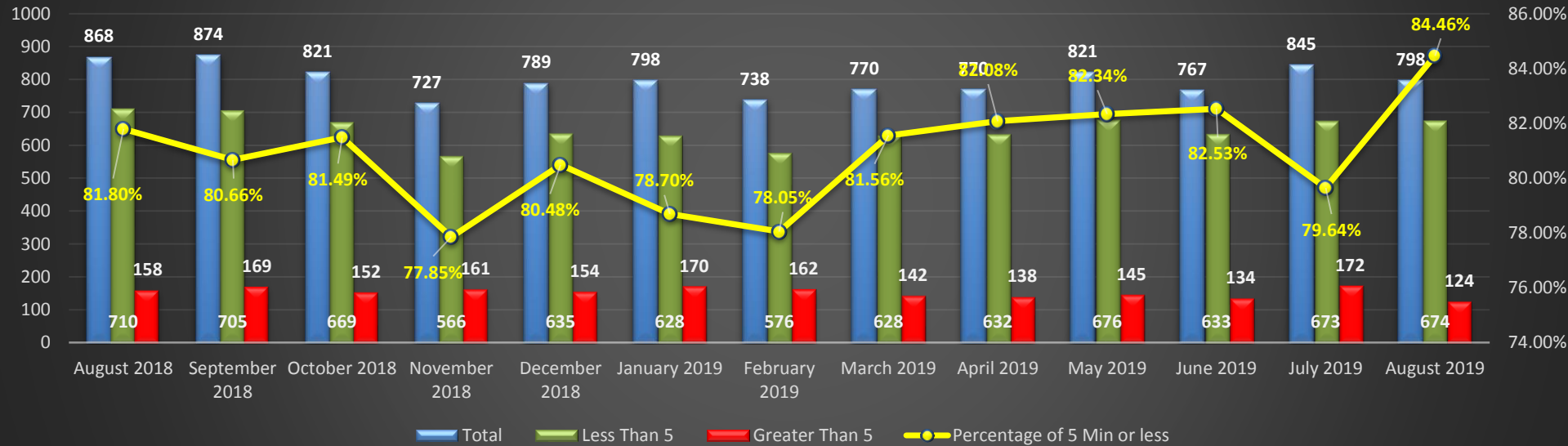
Data Source:
Firehouse Software

Current Period:
08/01/2019 - 08/31/2019

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

➤ Significant increase in performance for District 1 EMS calls in District 1 when compared to last 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

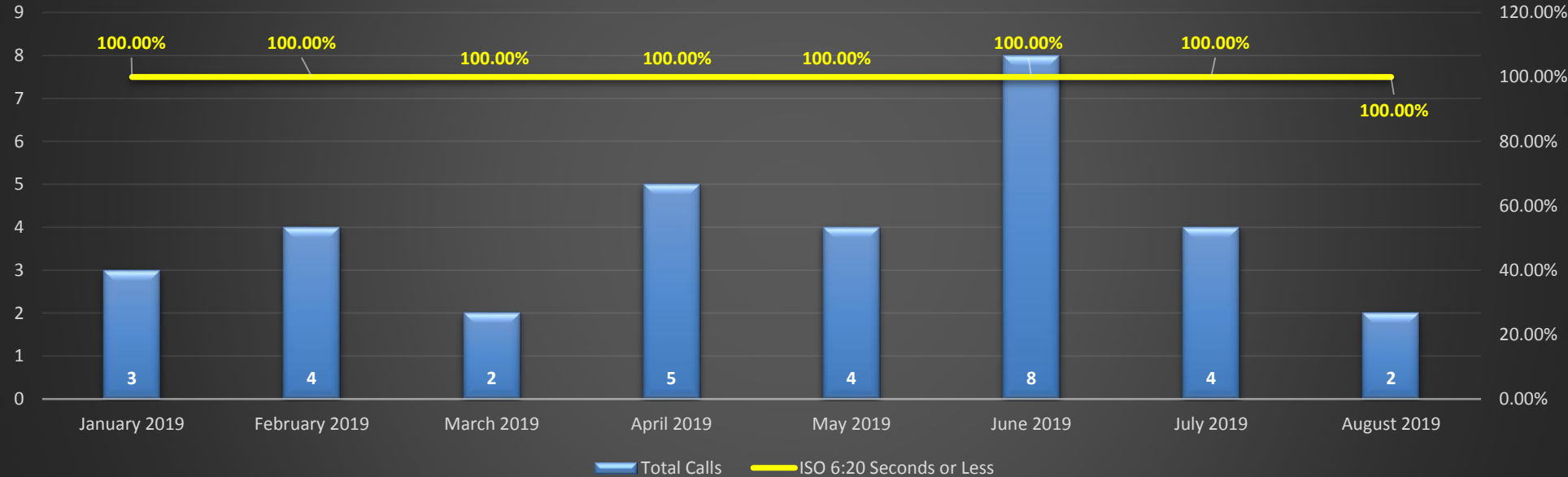
Current Period:
08/01/2019 - 08/31/2019



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

➤ Excellent work by District 2 yet again.

Maintain proficiency.

➤ Effective emergency response.

EMS Response Scorecard

District 2

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

Data Source:
Firehouse Software

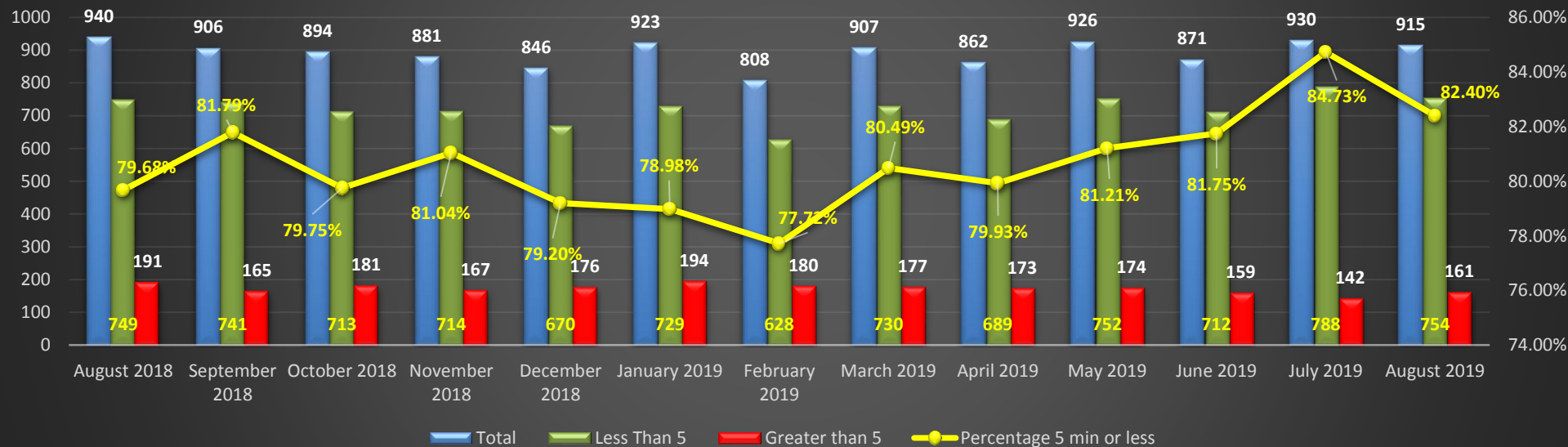
Current Period:
08/01/2019 - 08/31/2019



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 declination in performance by District 2 for this month when compared to last 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 to ISO standards.

Data Source: Firehouse Software

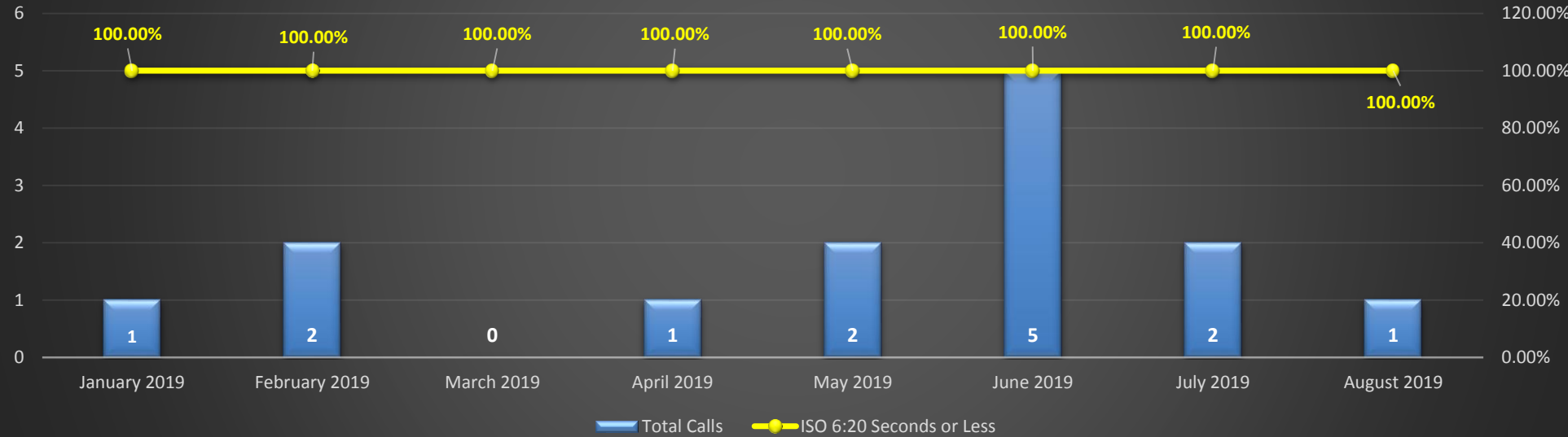
Current Period:
08/01/2019 - 08/31/2019



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, Tour A yet again.

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

➤ Effective emergency response.

EMS Response Scorecard

Tour A

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



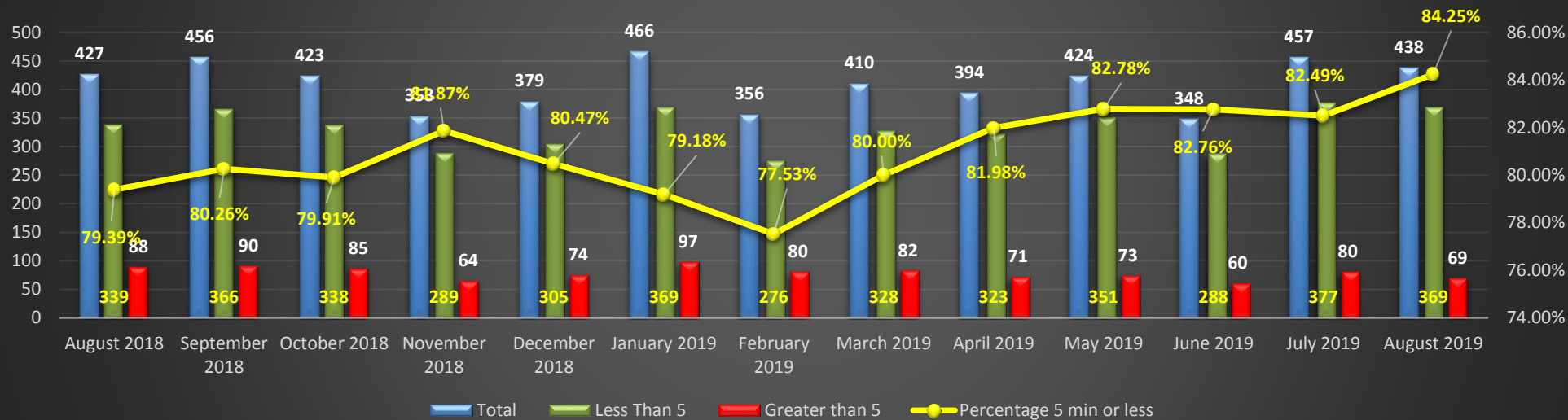
Data Source:
Firehouse Software

Current Period:
08/01/2019 - 08/31/2019

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

➤ Performance was “steady” for Tour A pertaining to EMS response times for the month of July and August. 2 month trend of an increase in performance for Tour A.

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 to ISO standards.

Data Source: Firehouse Software

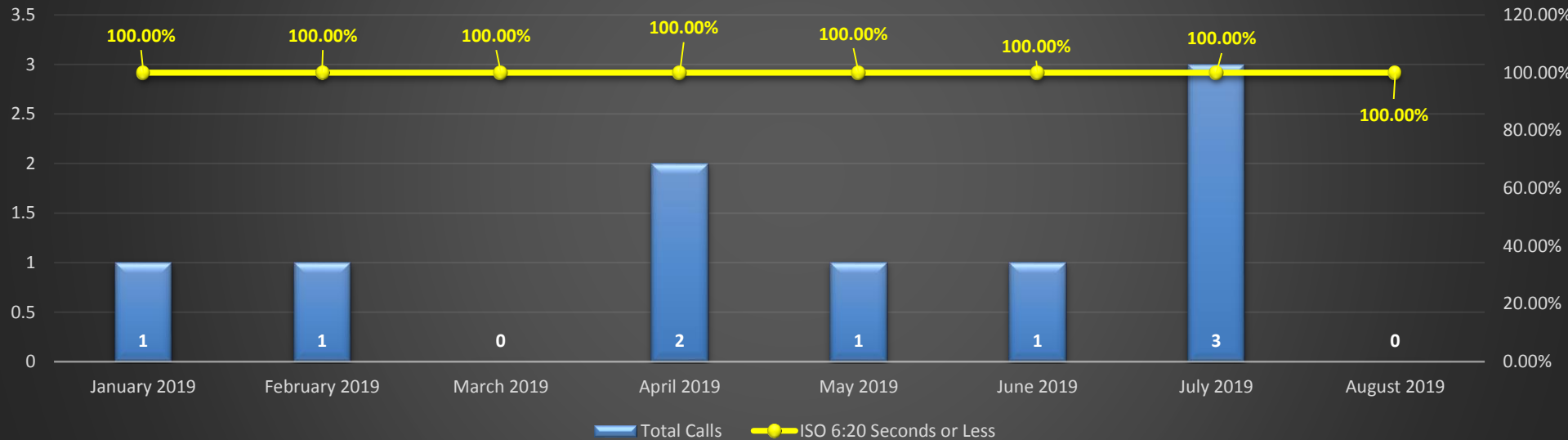
Current Period:
08/01/2019 - 08/31/2019



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 job, Tour B for 8 straight months.

➤ Maintain efficiency.

➤ Effective emergency response.

EMS Response Scorecard

Tour B

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

Data Source:
Firehouse Software

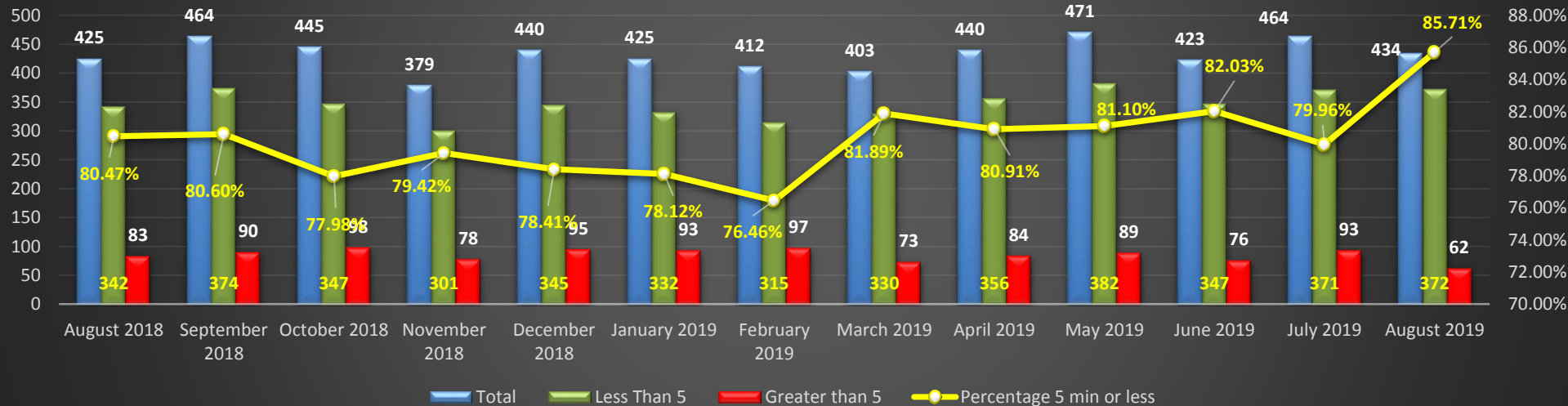
Current Period:
08/01/2019 - 08/31/2019



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 increase in performance by Tour B pertaining to EMS response times for the month of August when compared to July.

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 C

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

Data Source: Firehouse Software

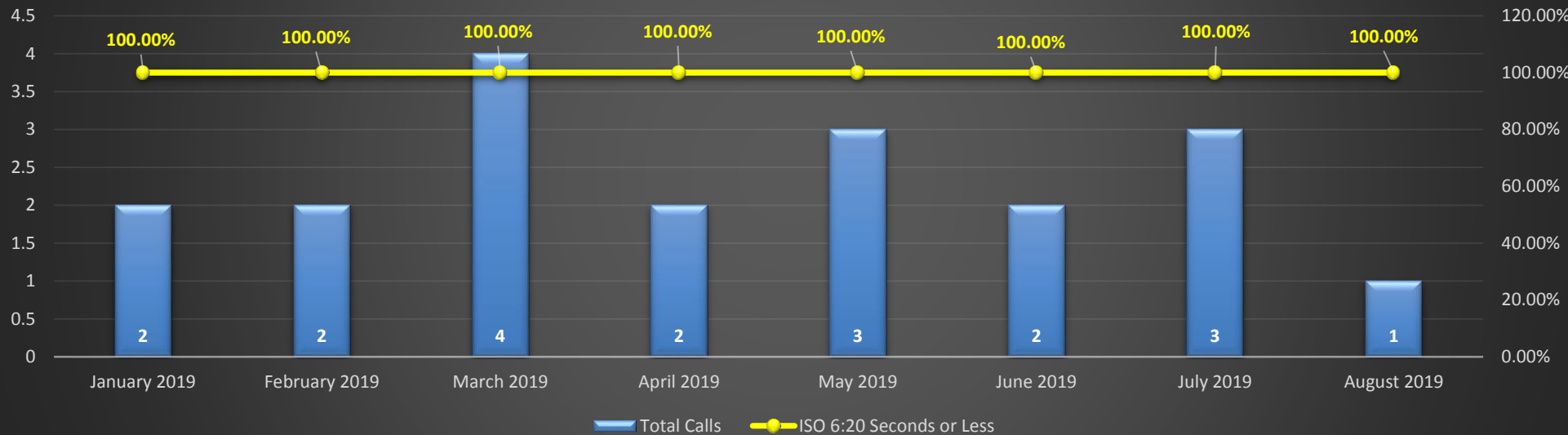
Current Period:
08/01/2019 - 08/31/2019



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

➤ Excellent work, Tour C for 8 straight months.

Reiterate the continued expectation of compliance.

➤ Efficiency of emergency response.

EMS Response Scorecard

Tour C

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



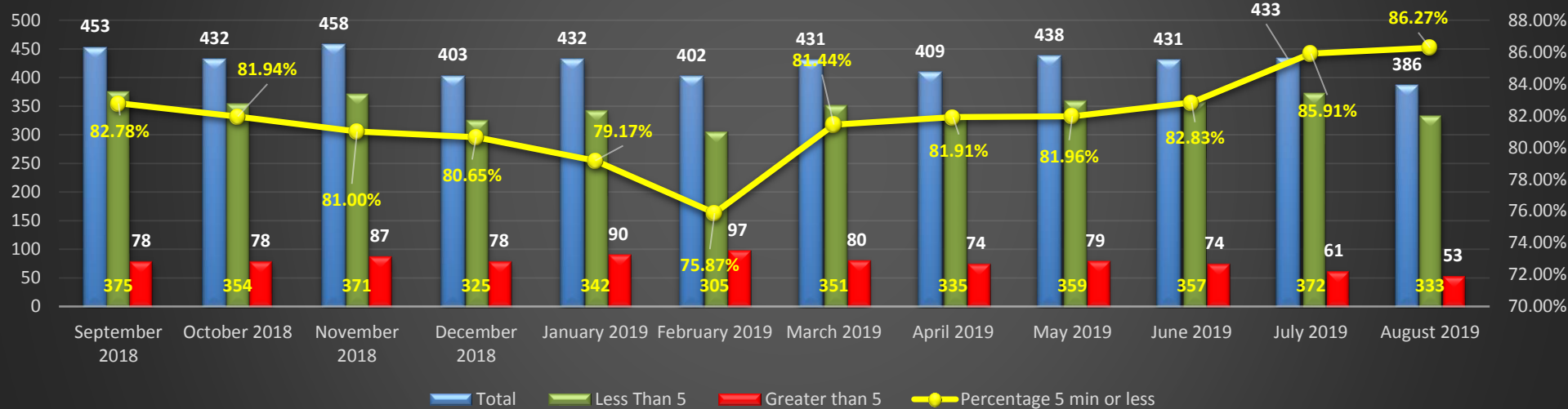
Data Source:
Firehouse Software

Current Period:
08/01/2019 - 08/31/2019

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 improvement by Tour C pertaining to EMS response times for the month of August. 6 straight months of improving 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 to ISO standards.

Data Source: Firehouse Software

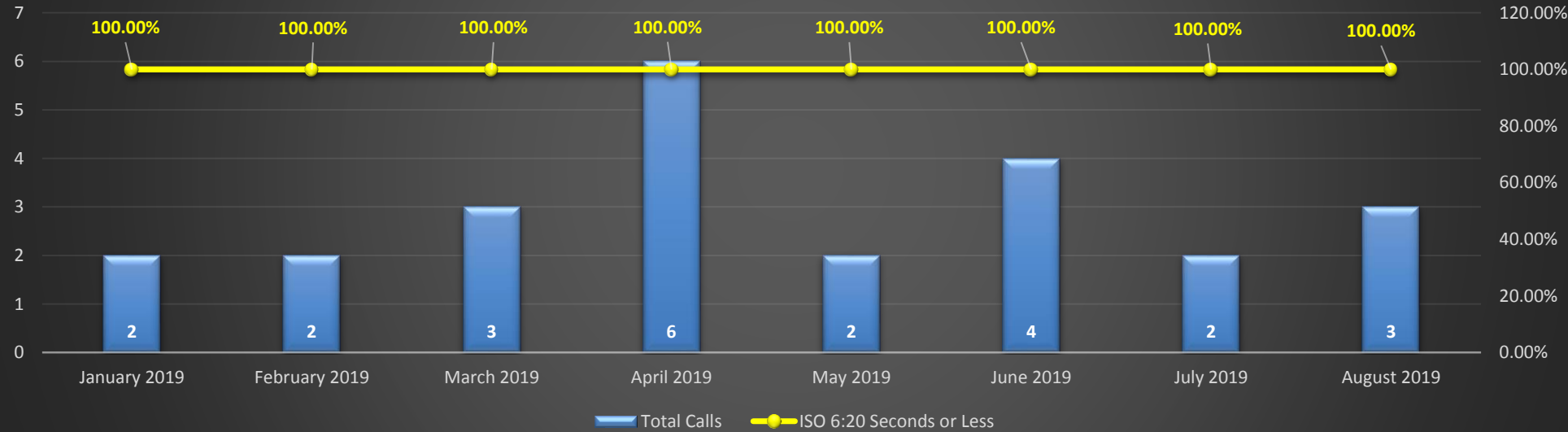
Current Period:
08/01/2019 - 08/31/2019



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

➤ Outstanding work by Tour D for 8 straight months.

Conduct performance analysis.

➤ 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

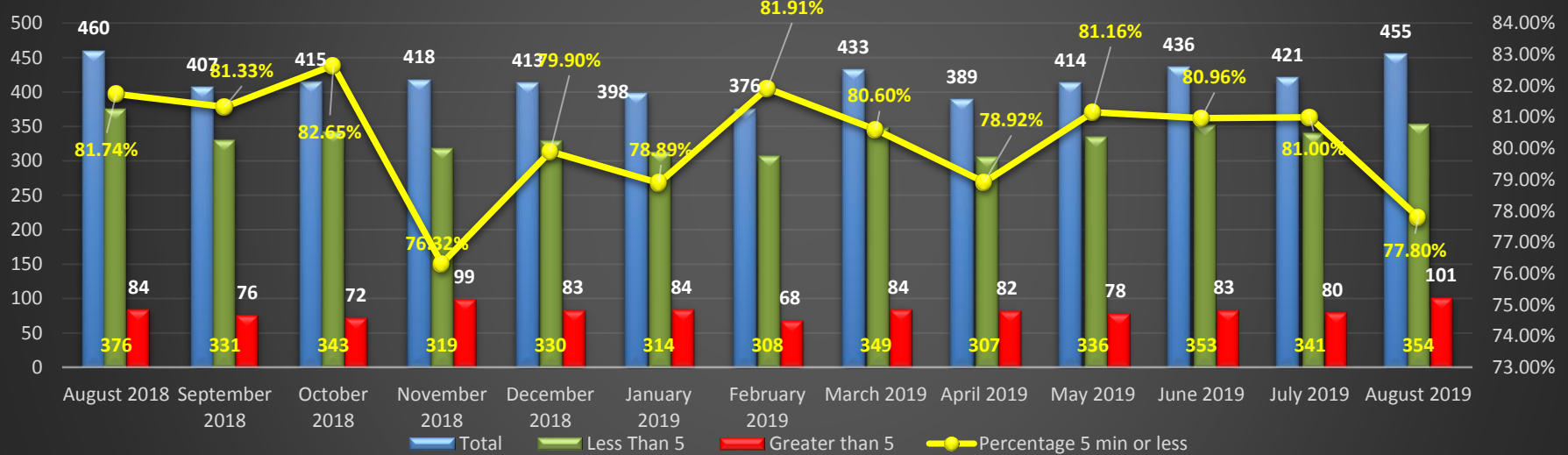
Current Period:
08/01/2019 - 08/31/2019



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

➤ Declination of performance by Tour D for EMS response times in the month of August when compared to July.

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.

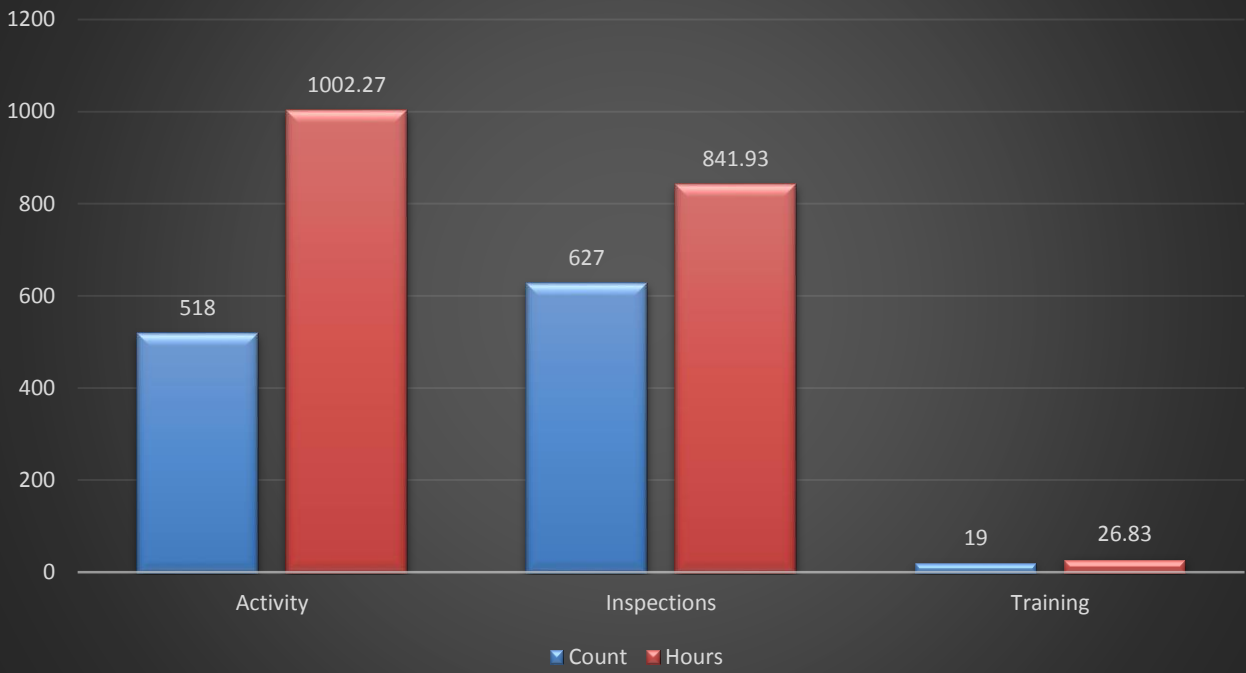
Data Source: HFD Firehouse Software

Current Period: 08/01/2019 - 08/31/2019

HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
02/19	210	142	
03/19	418	565	
04/19	320	369	
05/19	249	325	
06/19	154	426	
07/19	480	193	
08/19	459	387	

Fire Marshal Office



Attendance

Total Hours Working:	1871.03	Off Duty:	580
Total Hours on Duty	2065.25	Percentage Account For:	90.60%

Recommendations

- ✓ How many inspections have been conducted in August versus how many inspections were supposed to be completed?
- ✓ What percentage of inspections have been conducted to date for calendar year 2019 versus what had to be completed?

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:
08/01/2019 - 08/31/2019

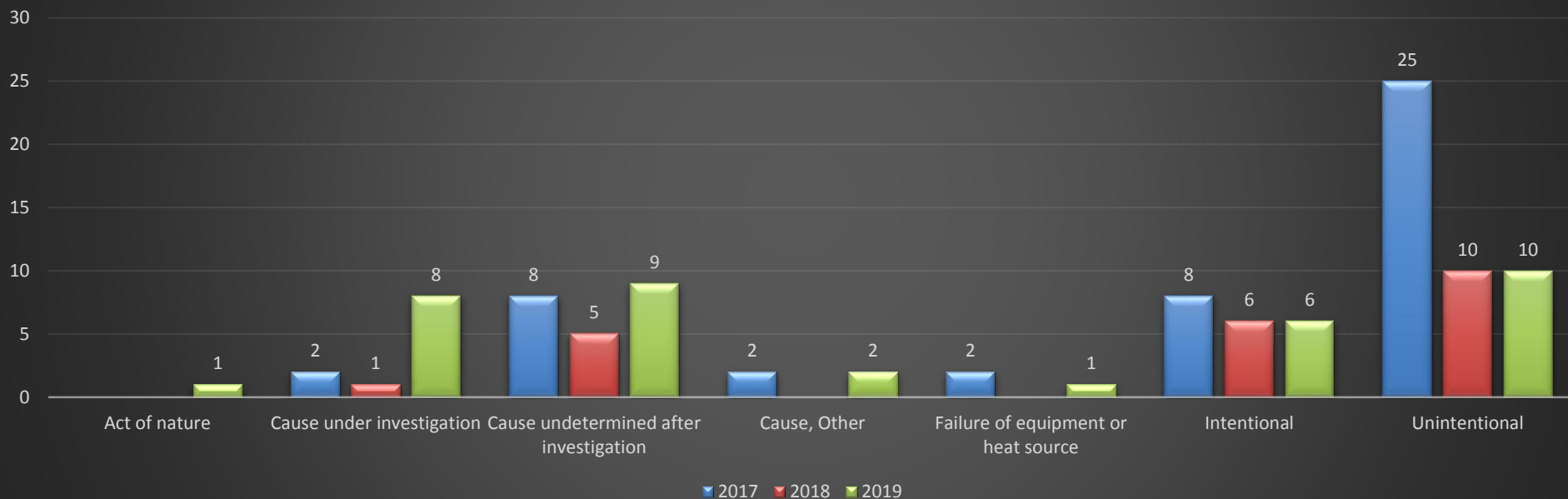


HFD Strategic Priorities:

Provide Quality Code Enforcement, Public Education, & Community Engagement

Performance Target – Show a 30% decrease in fires by end of FY2019.

Cause of Fire Month of August



Analysis

Recommendations

Impact

➤ Intentionally set fires are even when compared to same month in 2018 but down when compared to same month in 2017. Unintentional fire count is significantly lower when compared to 2017.

✓ Assess effectiveness of community risk reduction program.

- 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 1st Quarter 2019.

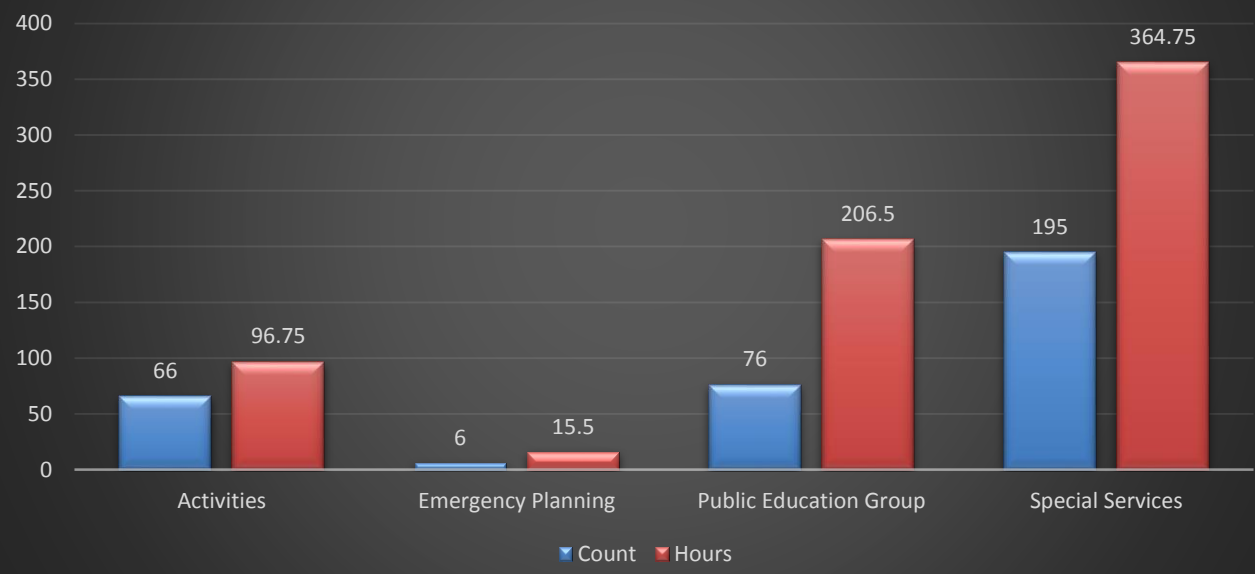
Data Source: HFD Firehouse Software

Current Period: 08/01/2019 - 08/31/2019

HISTORICAL ANALYSIS

Reporting Period	06/19	07/19	08/19
Total Activities	320	283	343
Total Adults	4,104	4,494	9,097
Total Children	2,713	901	9,236
Smoke Detector	4	5	278
Car Seats	3	3	5

Special Services 504 Water Bottles



Attendance

Total Hours Working:	683.5	Off Duty:	30
Total Hours on Duty:	688	Percentage Account For:	99.35%

Recommendations

Outstanding work by SSU as usual. Keep up the great work.

Impact

Community is receiving adequate public fire & life safety education. Partnership with FMO has to be 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.



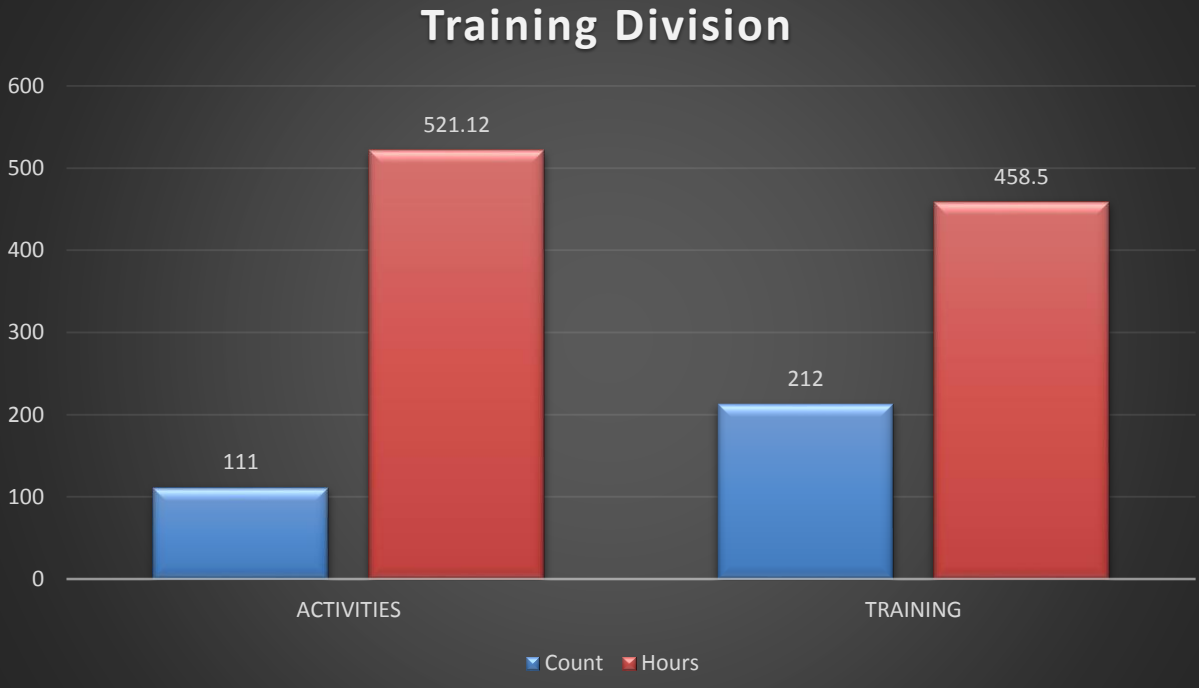
HFD Strategic Priorities:
Provide Mandated Training to Hartford Fire Department Personnel

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: 08/01/2019 – 08/31/2019

HISTORICAL ANALYSIS



Attendance			
Total Working Hours:	979.62	Total Hours Off:	590
Total Hours on Duty:	939	Hours Accounted For:	104.33%

Recommendations

Continue to focus on delivering hands on training to members in Suppression.

Impact

- 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.



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.

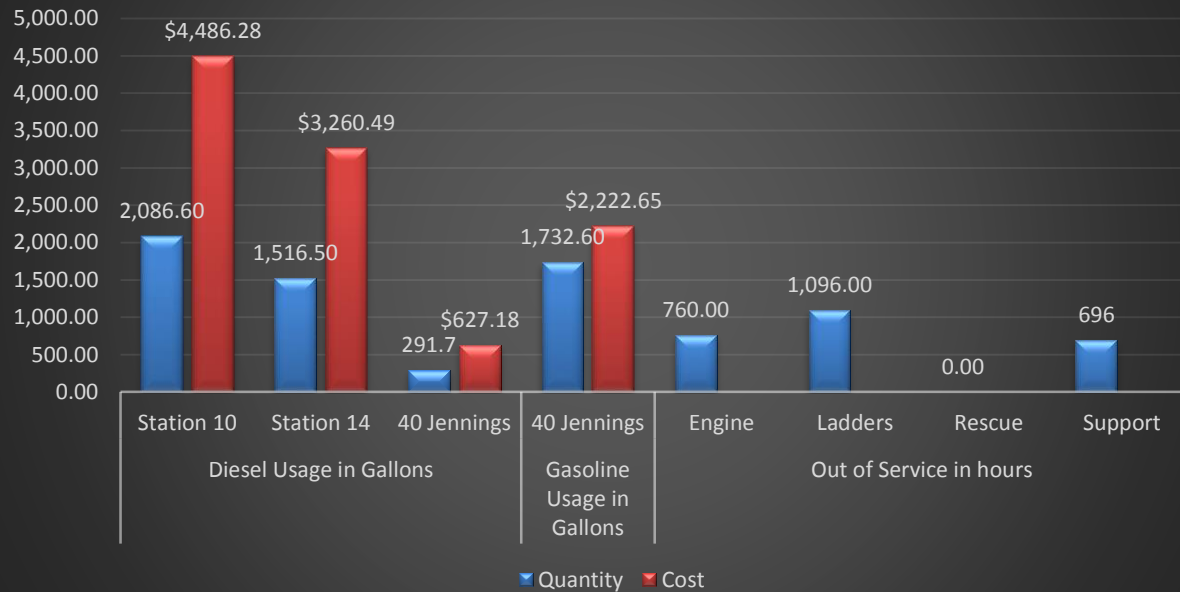
Data Source: HFD Firehouse Software

Current Period: 08/01/2019 – 08/31/2019

HISTORICAL ANALYSIS

Reporting Period				
	Hose Testing	Aerial Testing	Ground Ladder Testing	Fit Test
04/19	0	0	10	0
05/19	0	0	2	2
06/19	0	0	0	0
07/19	0	4	0	0
08/19	0	0	0	0

Equipment Maintenance Division



Attendance

Total Working Hours:	1084.37	Total Hours Off:	190
Total Hours on Duty:	1145	Hours Accounted For:	94.70%

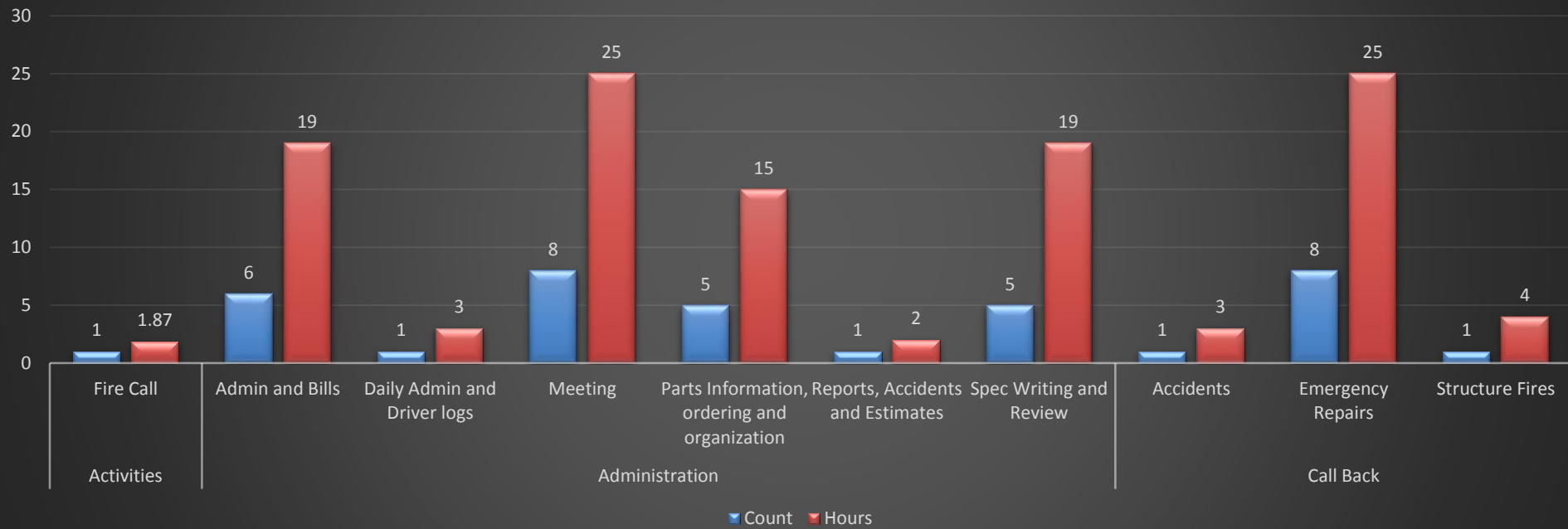
Recommendations

➤ What is the status of hose testing, pump testing, and ladder testing?

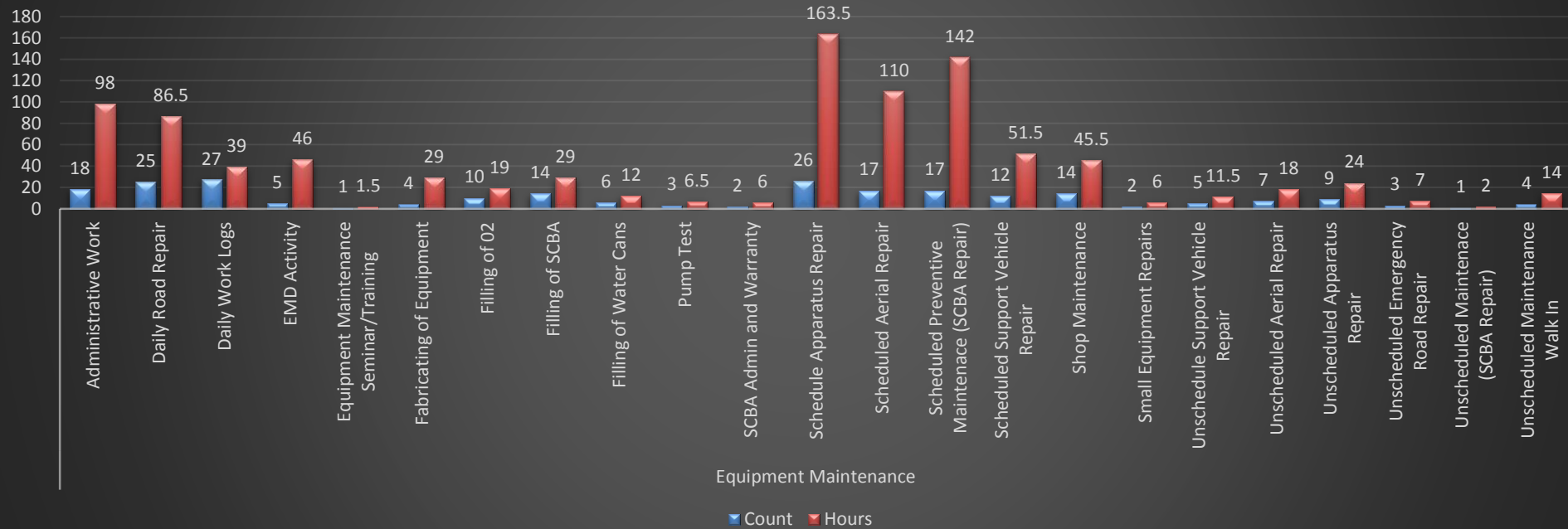
Impact

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

Equipment Maintenance



Equipment Maintenance



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 about the City of Hartford Fire Department.



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

Performance Target – Mitigate a diverse portfolio of service calls.

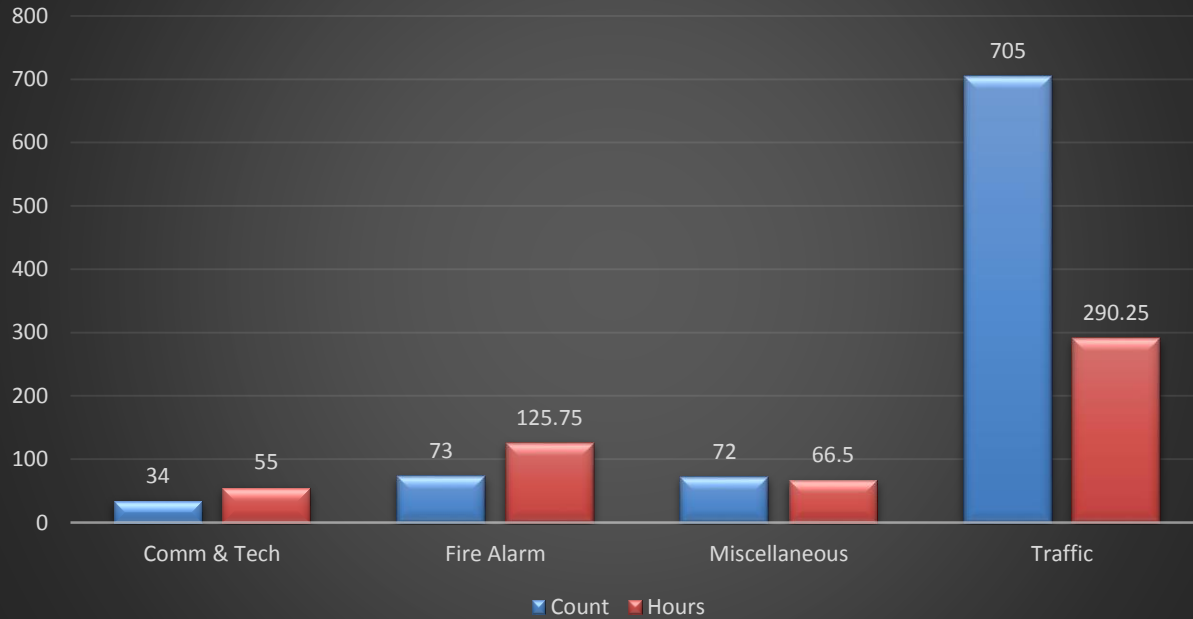
Data Source: HFD Firehouse Software

Current Period: 08/01/2019 – 08/31/2019

HISTORICAL ANALYSIS

Reporting Period	Historical Analysis			
	Traffic	Comm & Tech	Training / Misc	Fire Alarm
03/19	610	82	99	76
04/19	963	57	102	54
05/19	902	56	71	72
06/19	722	69	77	54
07/19	913	51	83	91

Fire Alarm Communications Technology



Attendance

Total Working Hours:	537.5	Total Hours Off:	180
Total Hours on Duty:	585.75	Hours Accounted For:	91.76%

Recommendations

- ✓ Do we have spare traffic cabinets on hand?

Impact

- IS&IT execution of relevant duties and responsibilities.

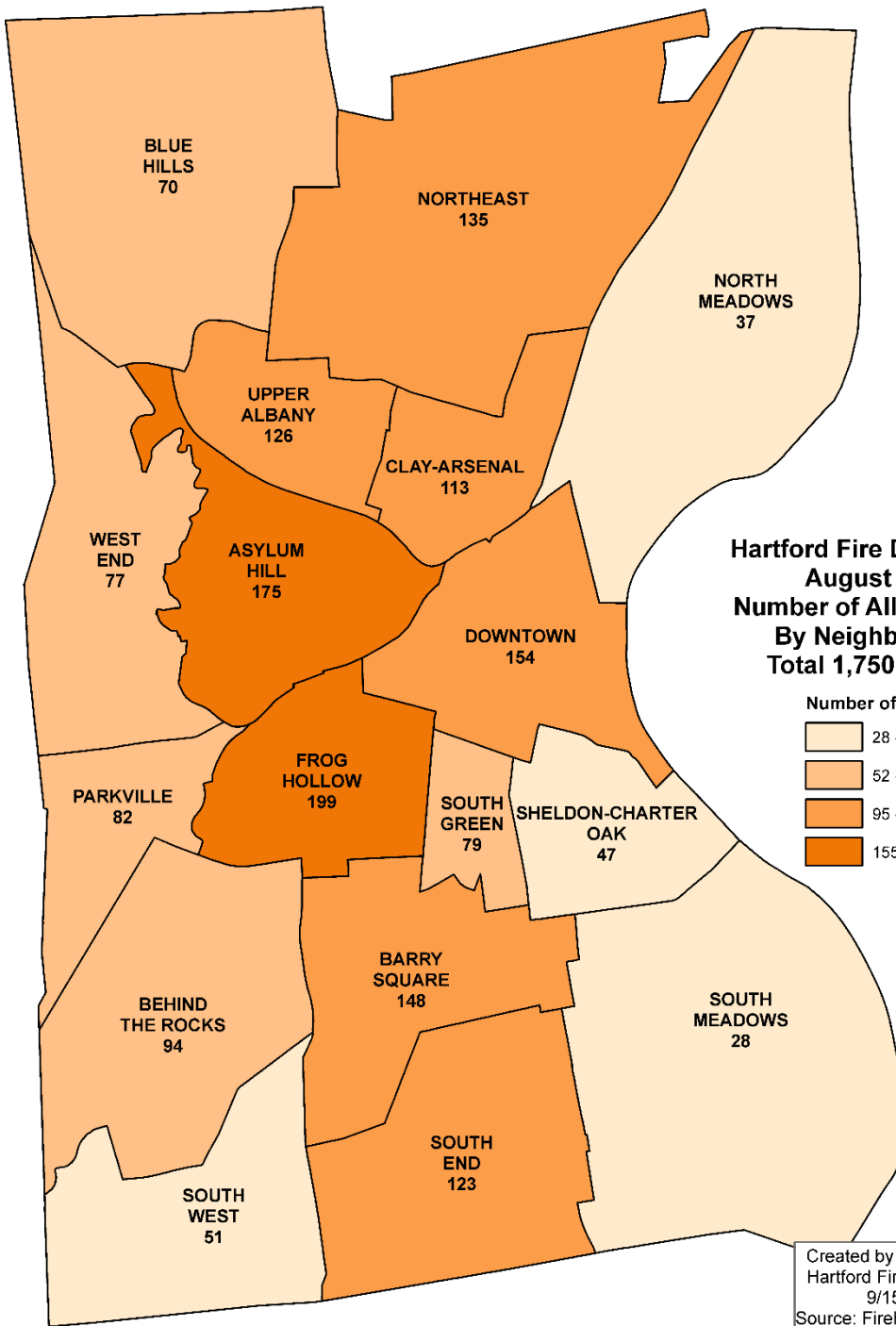
EMERGENCY RESPONSE DATA



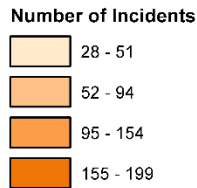
"Goal Oriented, Results Driven"

EMS

August 2019



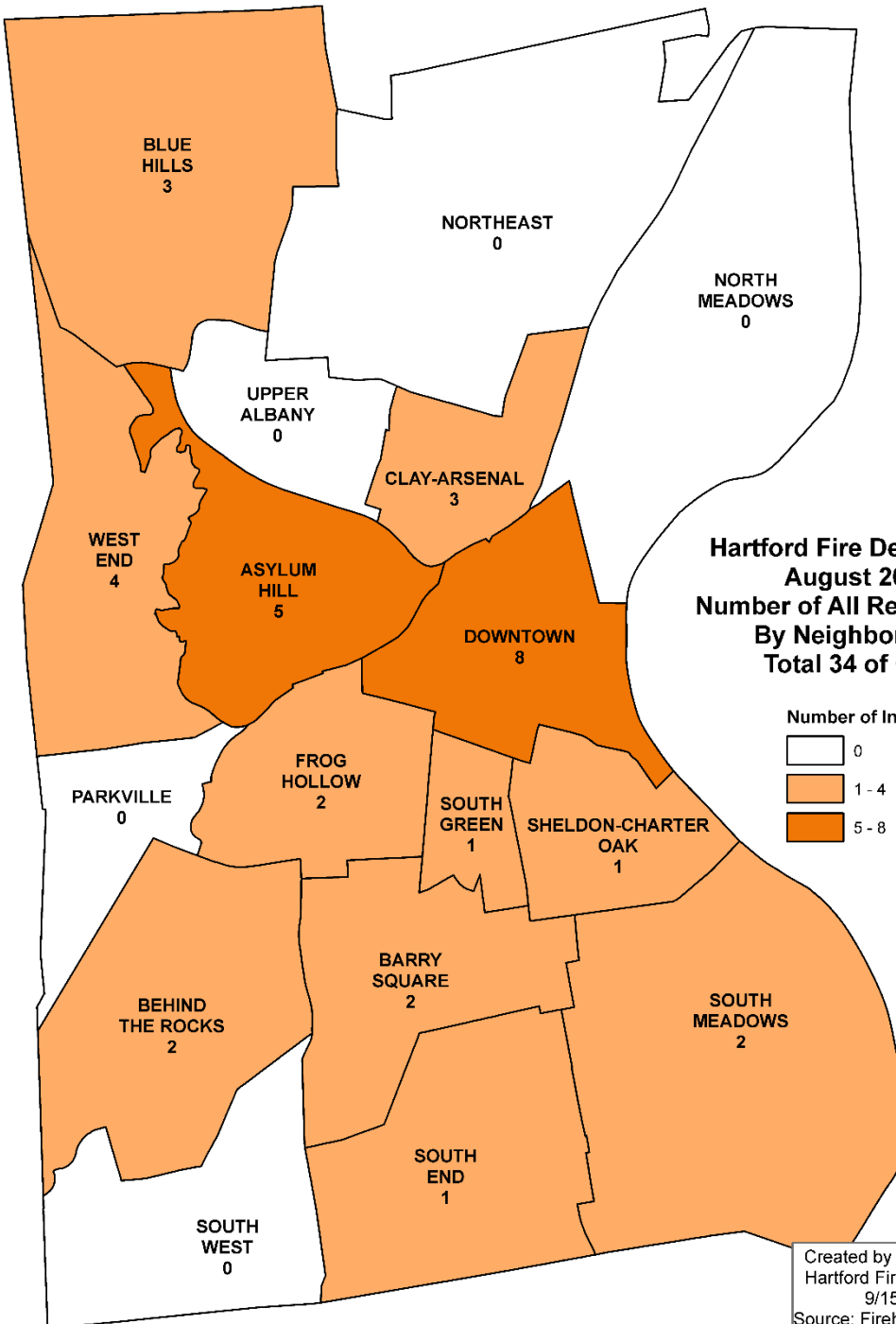
**Hartford Fire Department
August 2019
Number of All EMS Calls
By Neighborhood
Total 1,750 of Calls**



Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded 1,738
Not Geocoded: 12

Incident Type	Description	Incident Count
321	EMS call, excluding vehicle accident with injury	1078
311	Medical assist, assist EMS crew	417
322	Motor vehicle accident with injuries	108
324	Motor Vehicle Accident with no injuries	69
510	Person in distress, Other	37
300	Rescue, EMS incident, other	30
323	Motor vehicle/pedestrian accident (MV Ped)	9
320	Emergency medical service, other	2

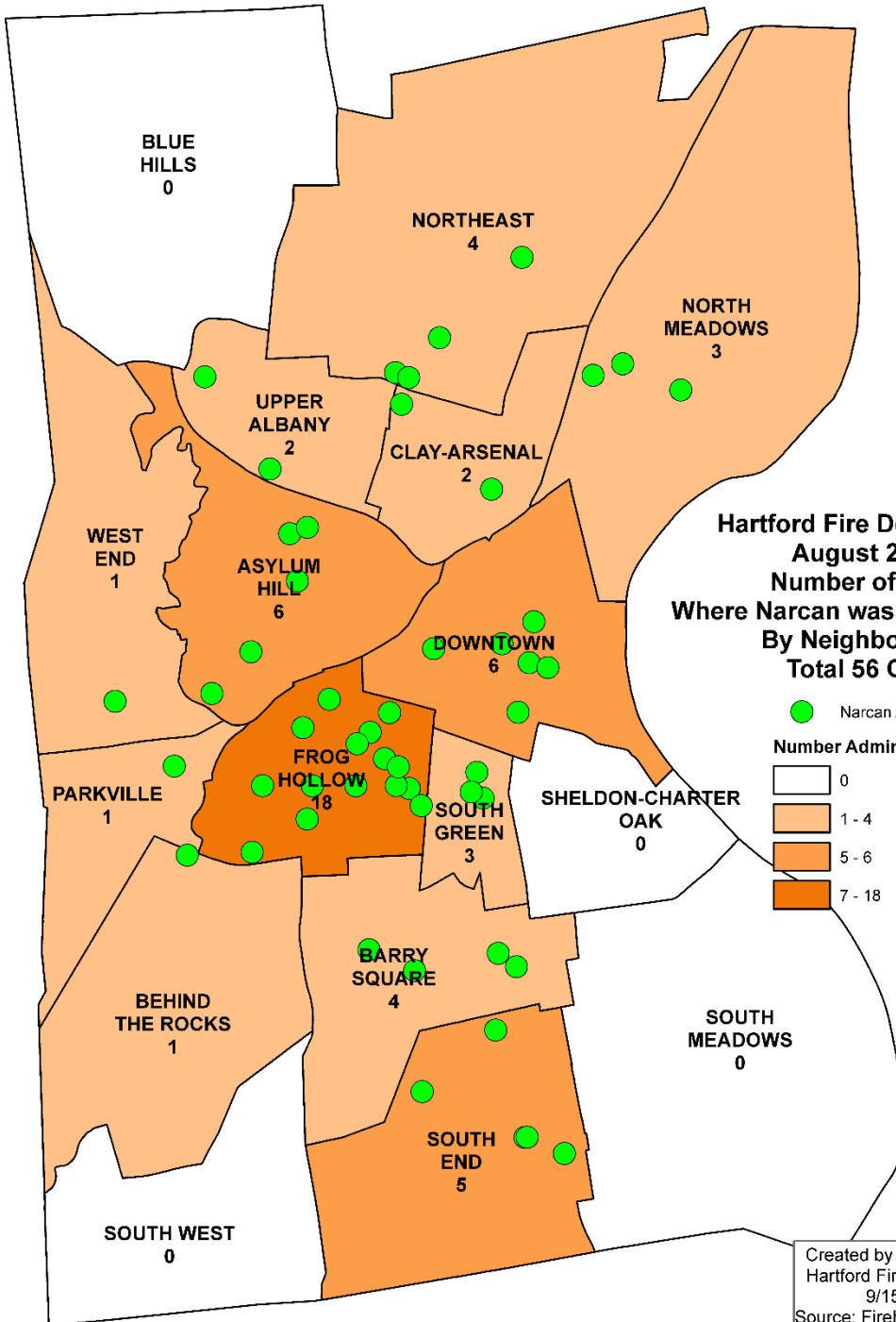
Rescue Calls August 2019



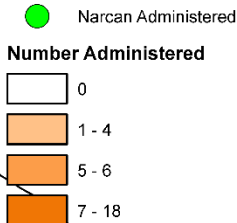
Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 34
Not Geocoded: 0

Incident Type	Description	Incident Count
511	Lock-out	12
353	Removal of victim(s) from stalled elevator	11
352	Extrication of victim(s) from vehicle	5
331	Lock-in (if lock out , use 511)	2
363	Swift water rescue	2
350	Extrication, rescue, Other	1
461	Building or structure weakened or collapsed	1

Narcan Administered August 2019

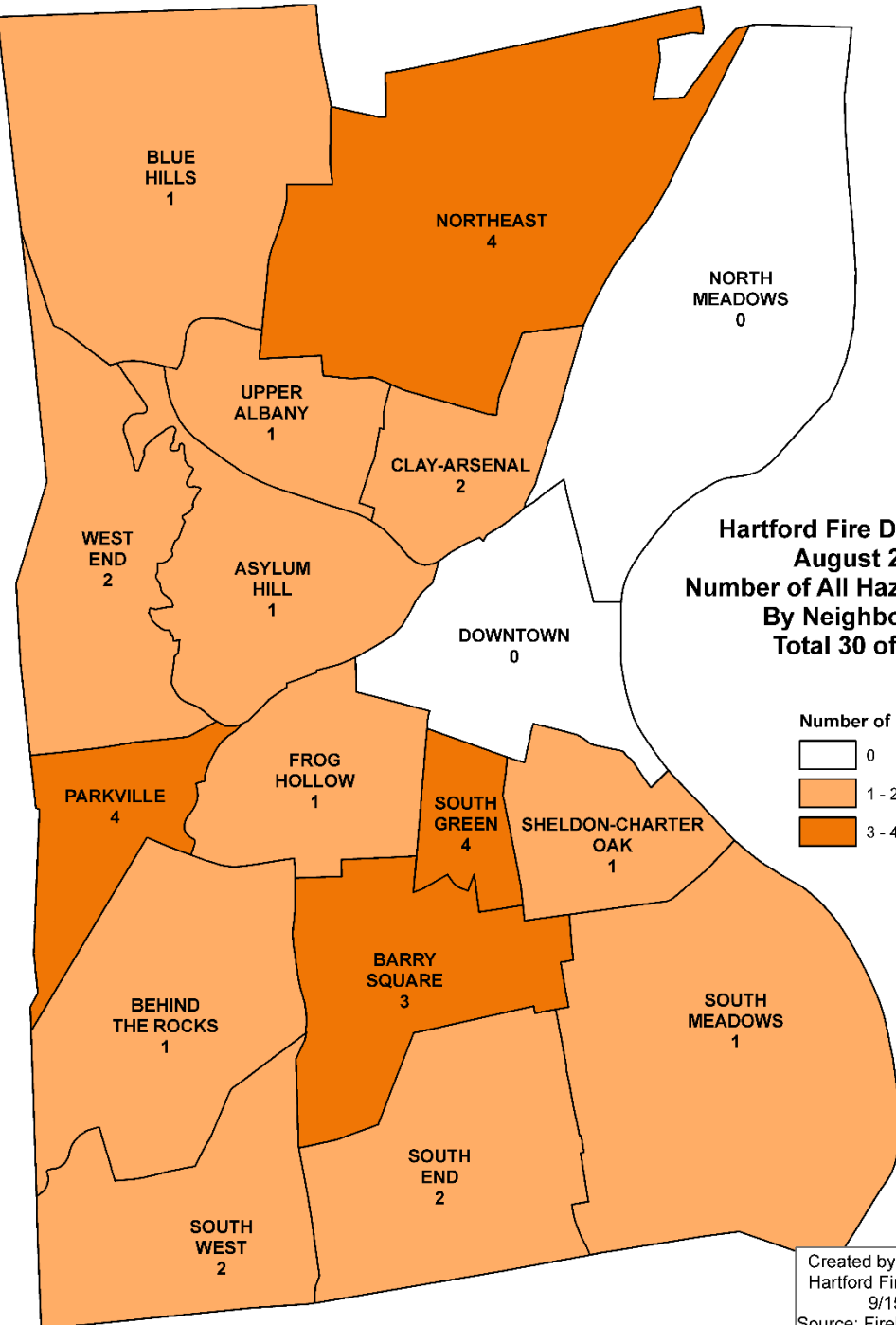


**Hartford Fire Department
August 2019
Number of Calls
Where Narcan was Administered
By Neighborhood
Total 56 Calls**

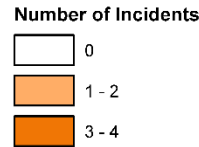


Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 56
Not Geocoded: 0

Hazardous Materials August 2019



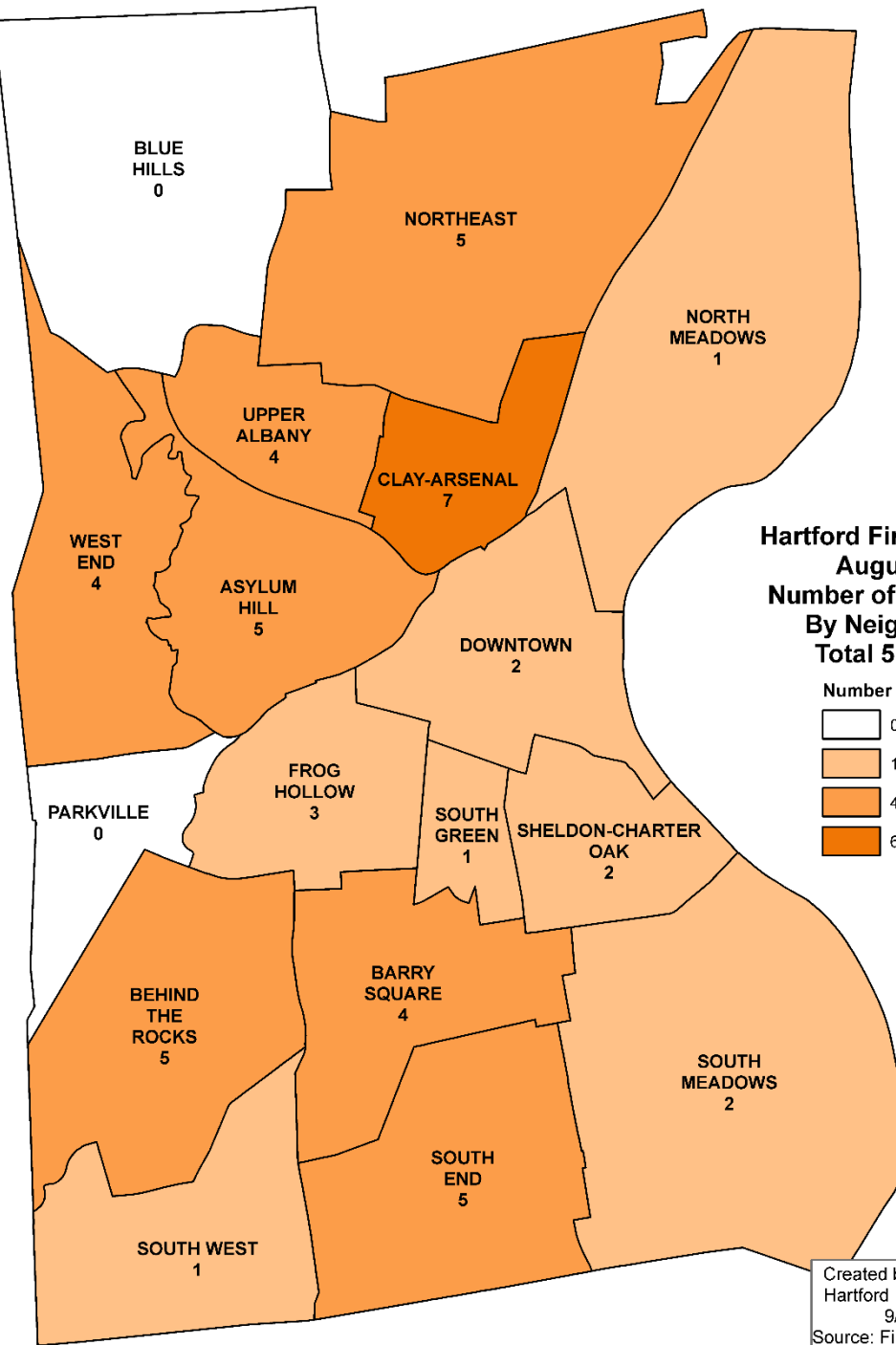
**Hartford Fire Department
August 2019
Number of All Hazardous Calls
By Neighborhood
Total 30 of Calls**



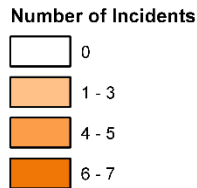
Incident Type	Description	Incident Count
412	Gas leak (natural gas or LPG)	17
400	Hazardous condition, Other	3
411	Gasoline or other flammable liquid spill	3
410	Combustible/flammable gas/liquid condition, other	2
413	Oil or other combustible liquid spill	2
422	Chemical spill or leak	1
463	Vehicle accident, general cleanup	1
424	Carbon monoxide incident	1

Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 30
Not Geocoded: 0

All Fires August 2019



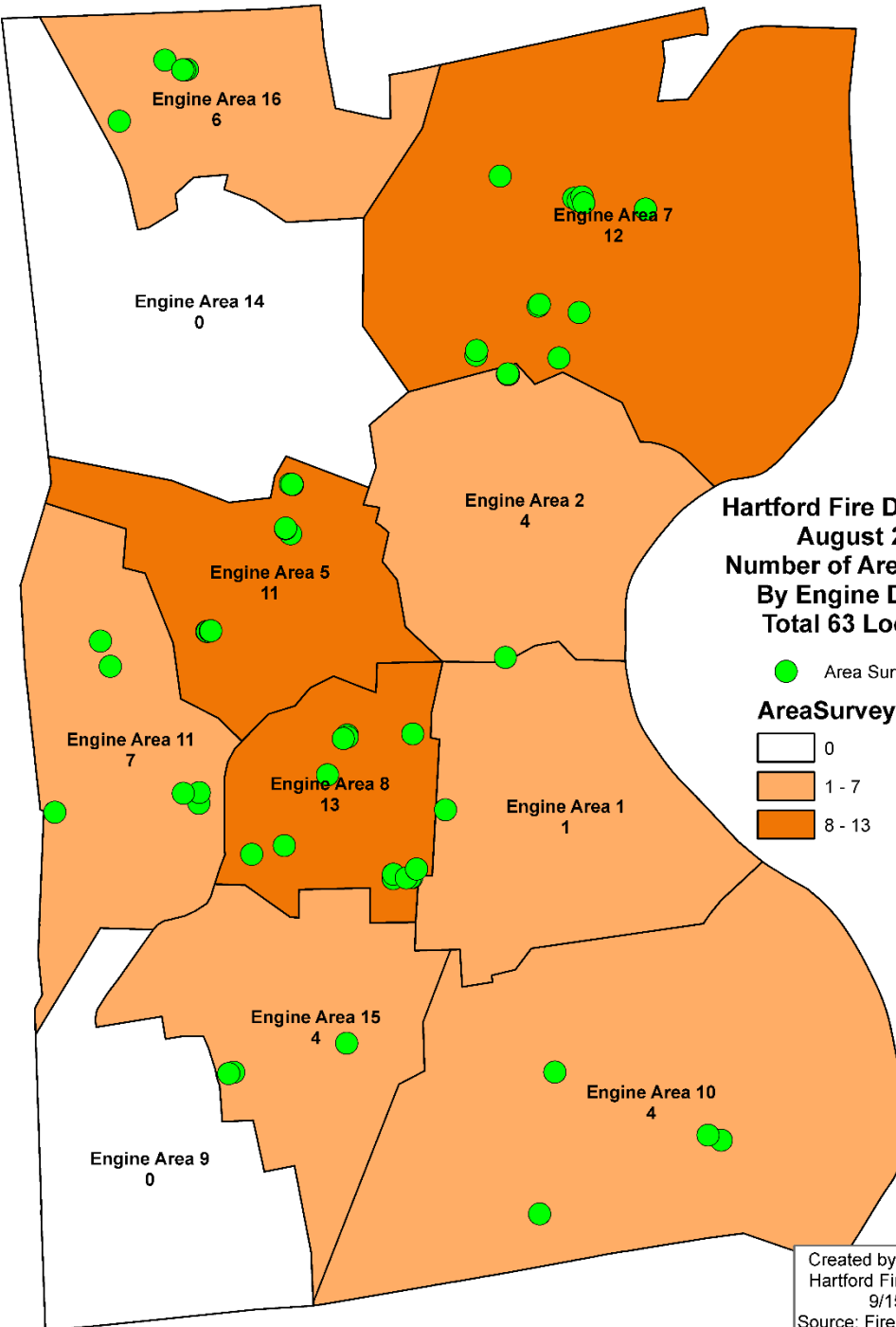
**Hartford Fire Department
August 2019
Number of All Fire Calls
By Neighborhood
Total 51 of Calls**



Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 51
Not Geocoded: 0

Incident Type	Description	Incident Count
151	Outside rubbish, trash or waste fire	9
113	Cooking fire, confined to container	9
154	Dumpster or other outside trash receptacle fire	6
131	Passenger vehicle fire	6
142	Brush or brush-and-grass mixture fire	5
111	Building fire	5
150	Outside rubbish fire, Other	3
130	Mobile property (vehicle) fire, Other	2
140	Natural vegetation fire, Other	2
162	Outside equipment fire	1
117	Commercial Compactor fire, confined to rubbish	1
100	Fire, Other	1
132	Road freight or transport vehicle fire	1

Area Survey August 2019



Hartford Fire Department
August 2019
Number of Area Surveys
By Engine Districts
Total 63 Locations

● Area Survey Locations

AreaSurvey

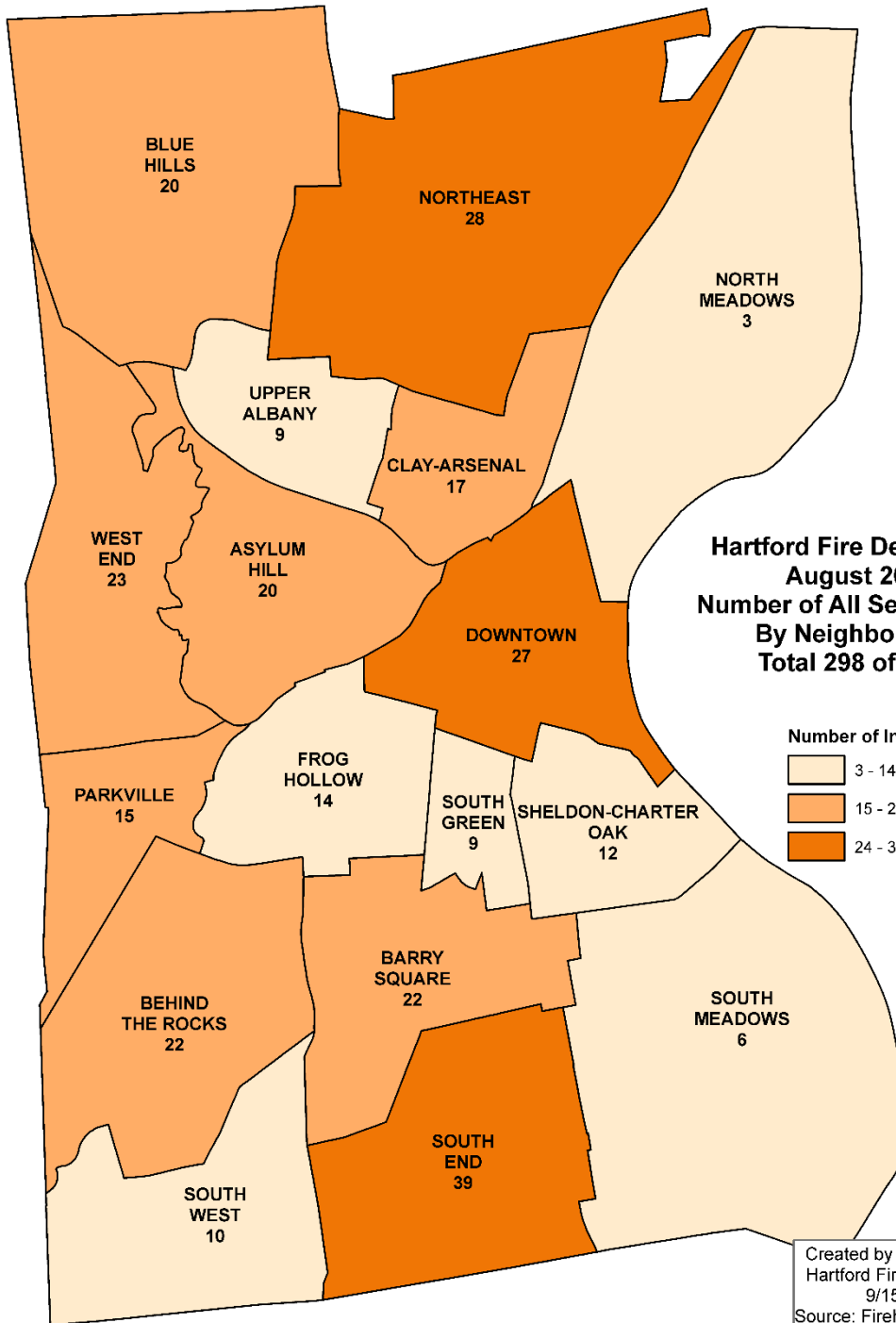
□ 0

□ 1 - 7

□ 8 - 13

Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 62
Not Geocoded: 1

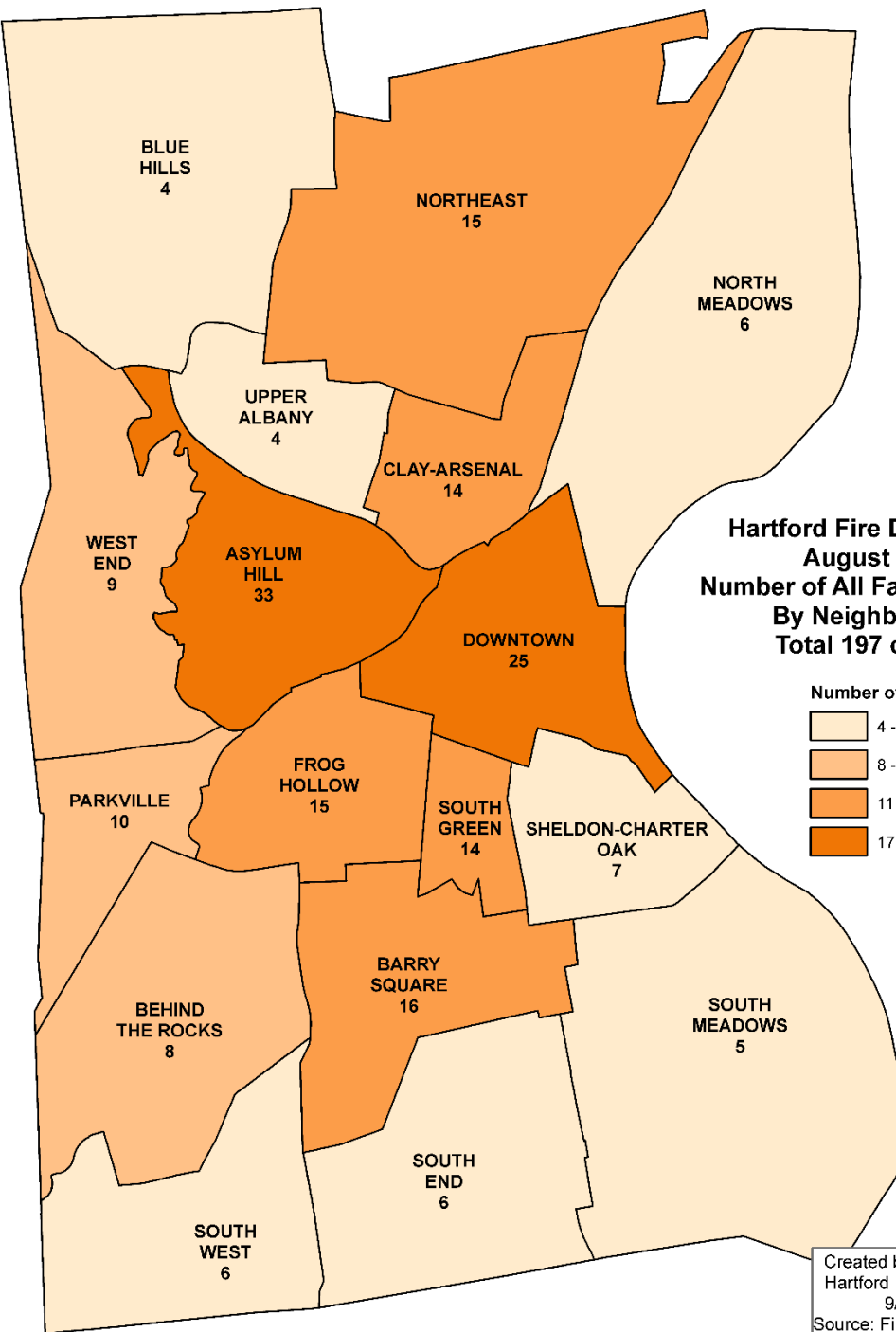
Service Calls August 2019



Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 296
Not Geocoded: 2

Incident Type	Description	Incident Count
552	Police matter	88
500	Service Call, other	85
531	Smoke or odor removal	30
553	Public service	28
520	Water problem, Other	28
444	Power line down	11
550	Public service assistance, Other	8
551	Assist police or other governmental agency	6
522	Water or steam leak	3
440	Electrical wiring/equipment problem, Other	3
555	Defective elevator, no occupants	2
571	Cover assignment, standby, moveup	2
442	Overheated motor	2
554	Assist invalid	1
445	Arcing, shorted electrical equipment	1

Fire Alarms August 2019

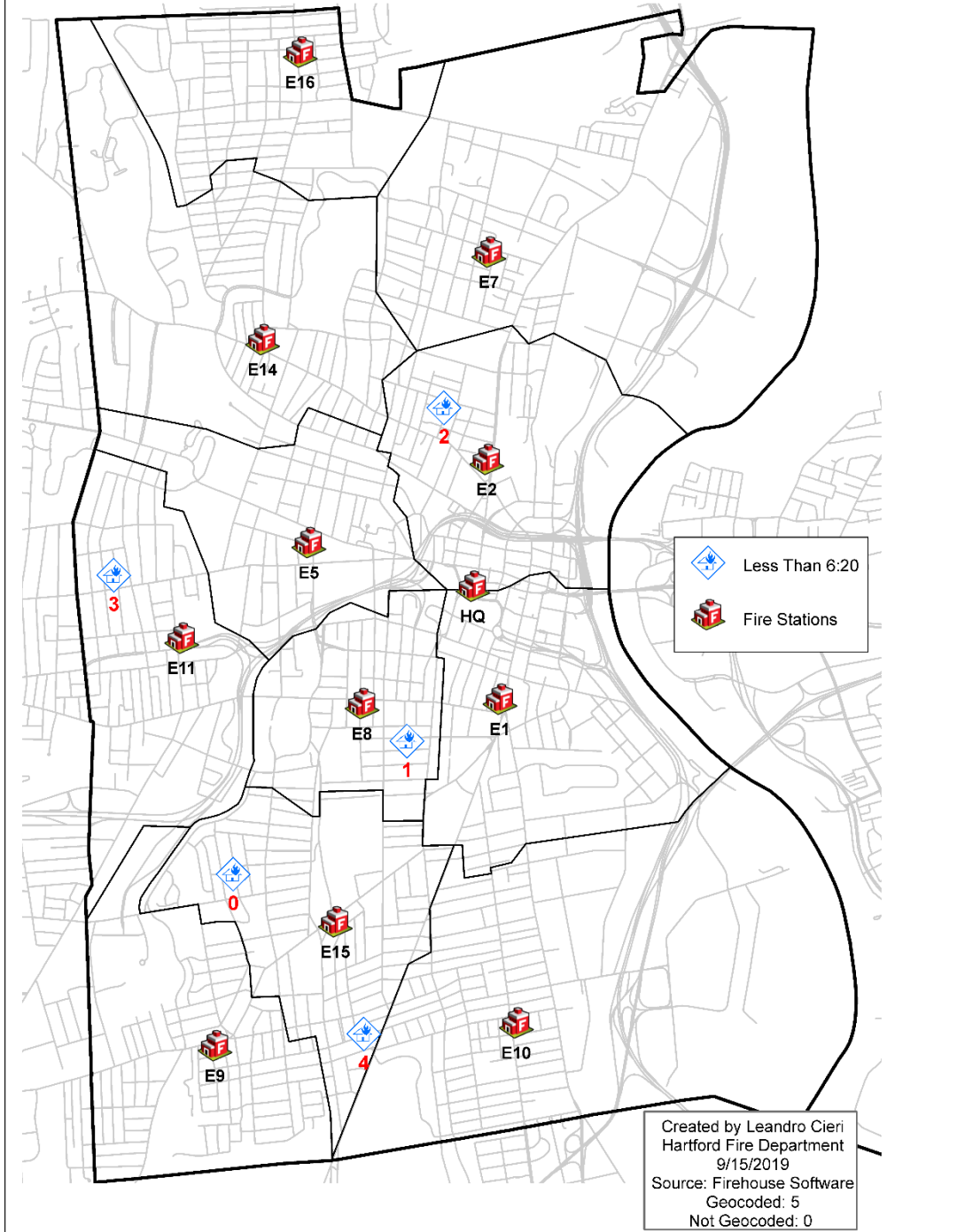


Created by Leandro Cieri
Hartford Fire Department
9/15/2019
Source: Firehouse Software
Geocoded: 197
Not Geocoded: 0

Incident Type	Description	Incident Count
745	Alarm system activation, no fire - unintentional	54
743	Smoke detector activation, no fire - unintentional	32
735	Alarm system sounded due to malfunction	24
740	Unintentional transmission of alarm, Other	22
710	Malicious, mischievous false call, Other	13
730	System malfunction, Other	11
733	Smoke detector activation due to malfunction	10
715	Local alarm system, malicious false alarm	6
744	Detector activation, no fire - unintentional	4
741	Sprinkler activation, no fire - unintentional	4
736	CO detector activation due to malfunction	4
714	Central station, malicious false alarm	3
746	Carbon monoxide detector activation, no CO	3
734	Heat detector activation due to malfunction	3
700	False alarm or false call, Other	2
711	Municipal alarm system, malicious false alarm	1
731	Sprinkler activation due to malfunction	1

Location of Structure Fires In Relationship to Fire Stations

Key	Incident Number	Response	Firefighter Fatality	Firefighter Injury	Civilian Fatality	Civilians Injured	Cause
0	19-0217065	0:04:32	0	0	0	0	Undetermined
1	19-0225030	0:03:18	0	0	0	0	
2	19-0235009	0:04:42	0	0	0	0	Undetermined
3	19-0237005	0:05:10	0	0	0	0	
4	19-0237036	0:04:34	0	0	0	0	Hot or smoldering object, Other



QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"