



City of Hartford
FIRE DEPARTMENT

FIRESTAT

March 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 ISO standards.

Data Source: Firehouse Software

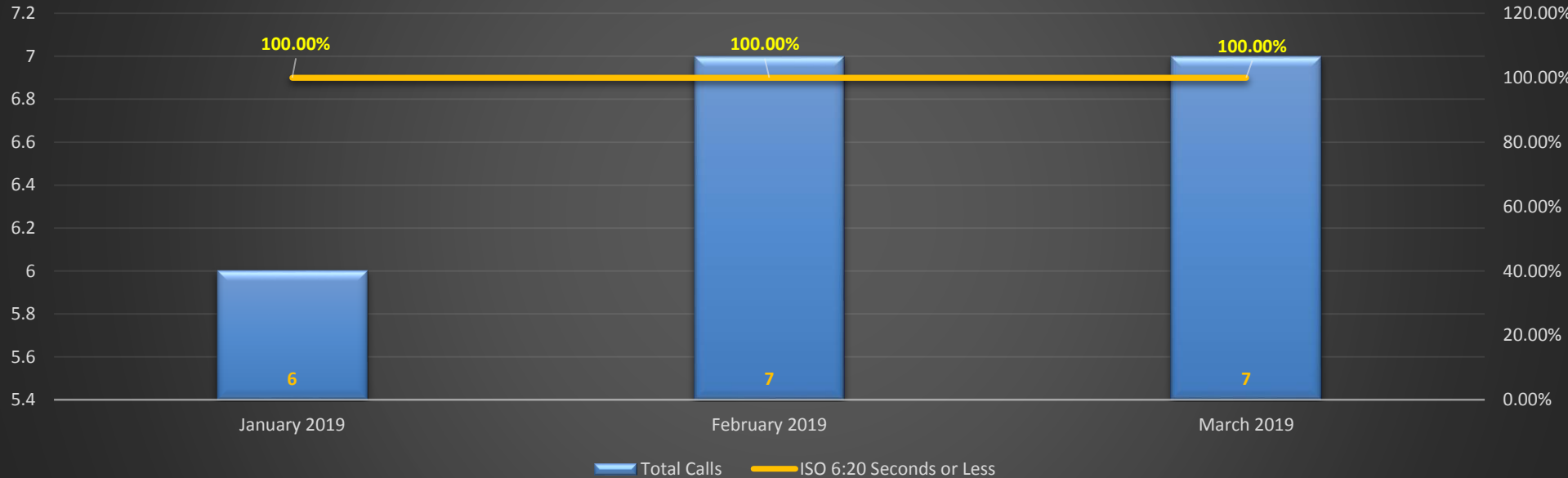
Current Period:
03/01/2019 - 03/31/2019



HFD Strategic Priorities:
Provide Quality Emergency Services

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

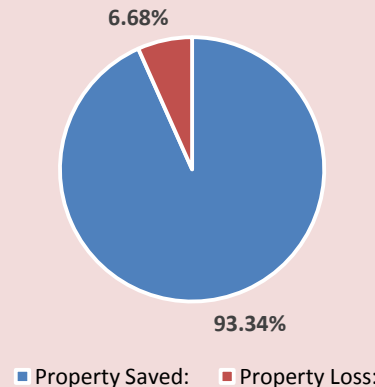
Structure Fires



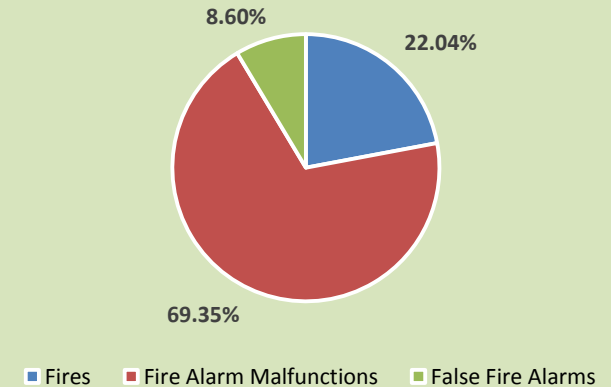
Analysis

- Outstanding work. Great job to all 4 tours.
- What contributed to just under a 94% property save rate for this month?

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.



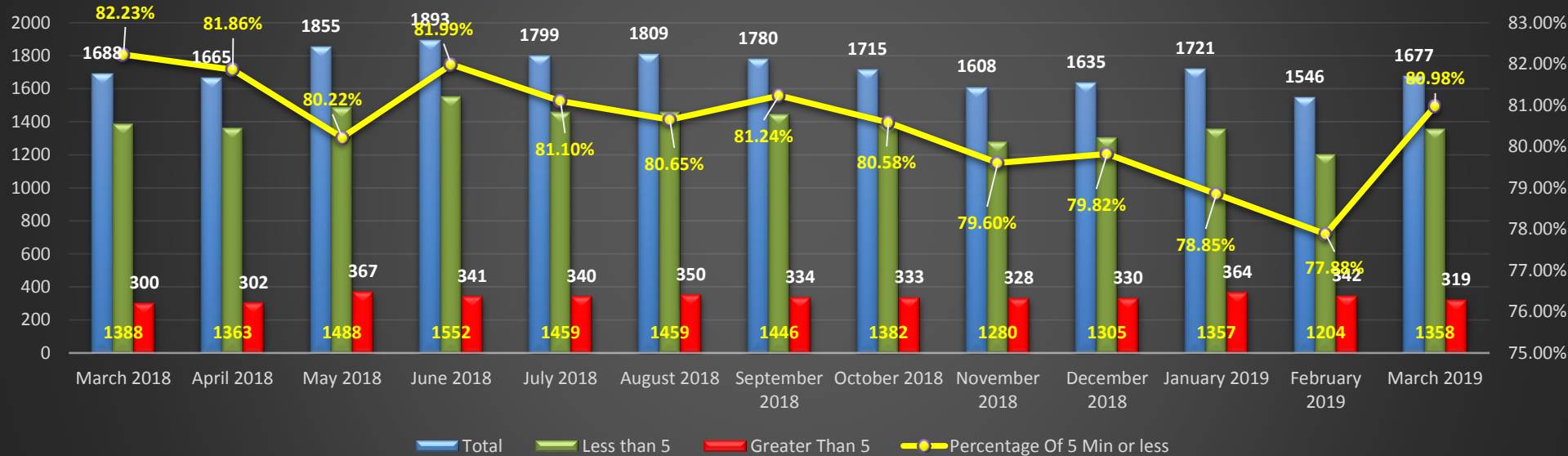
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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

➤ Good improvement of performance for EMS city wide. We need to continue to strive for our goal of 90%.

Recommendations

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

Impact

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

Fire Response Scorecard

District 1

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

Data Source: Firehouse Software

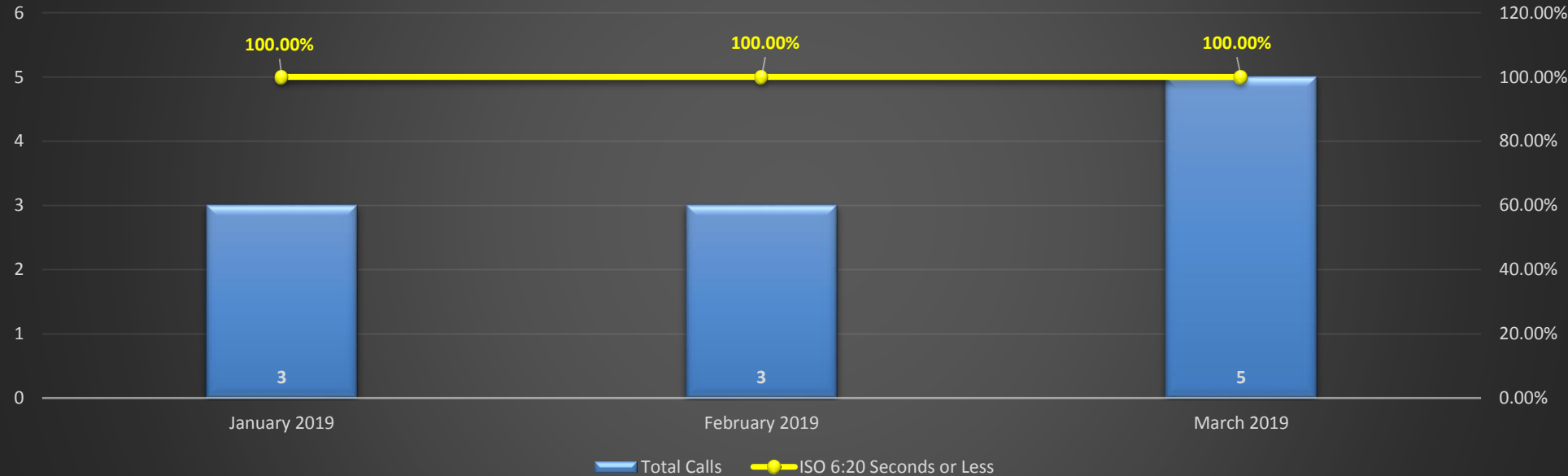
Current Period:
03/01/2019 - 03/31/2019



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

➤ Outstanding job 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

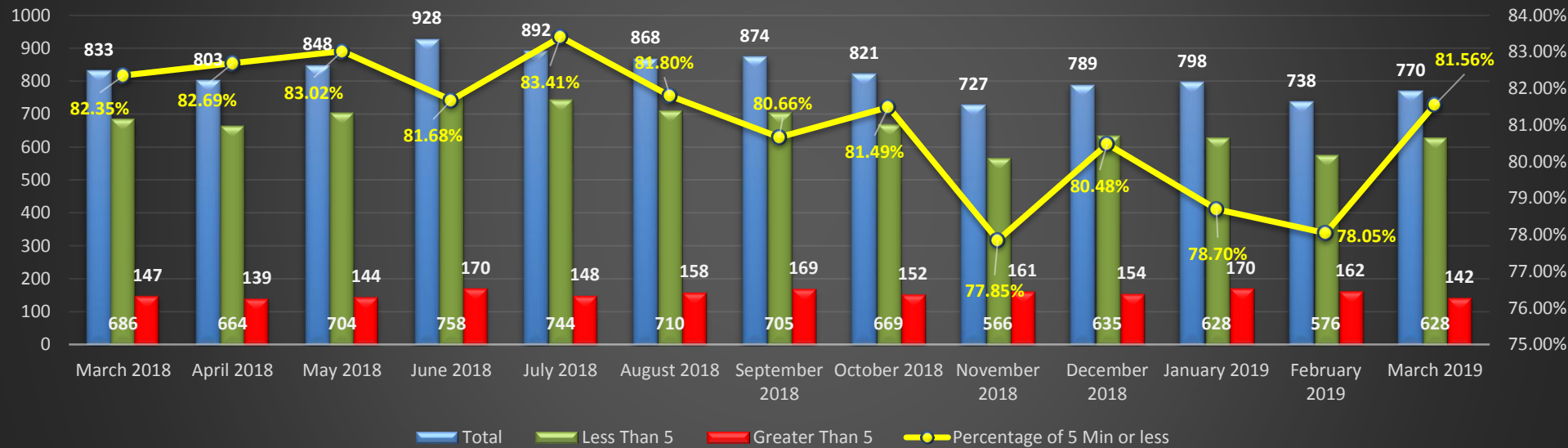
Current Period:
03/01/2019 - 03/31/2019



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

Recommendations

Impact

Excellent increase in performance for EMS calls in District 1.

➤ 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

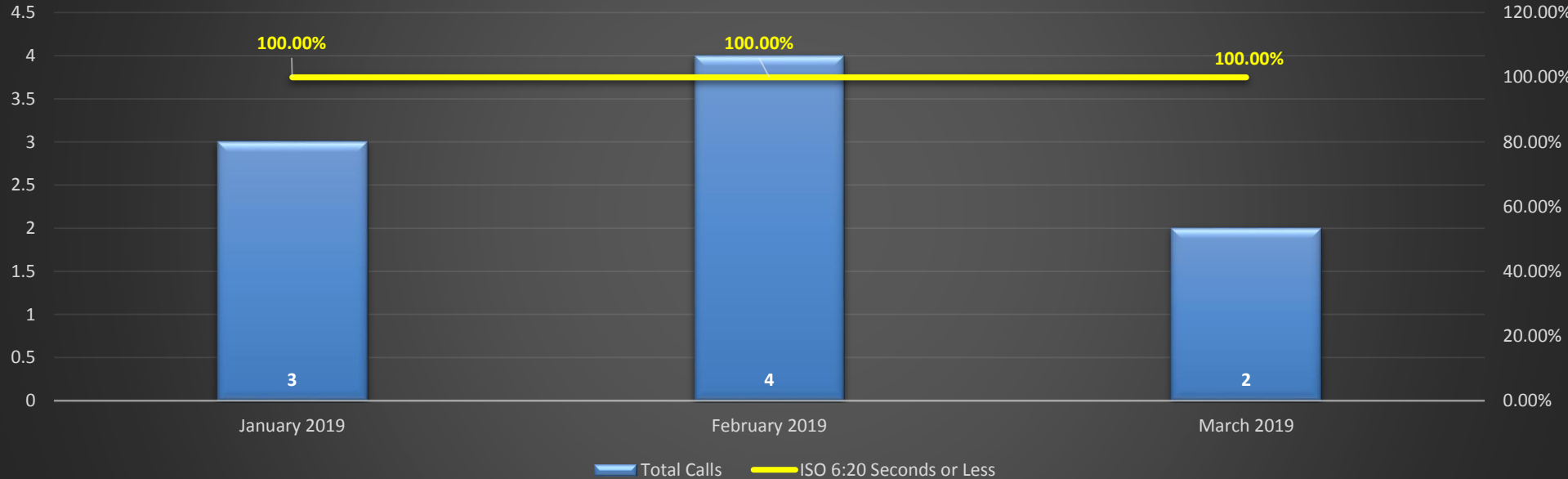
Current Period:
03/01/2019 - 03/31/2019



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 for first due Engine response in District 1 for the month of March.

Maintain proficiency.

➤ Effective emergency response.

EMS Response Scorecard

District 2

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



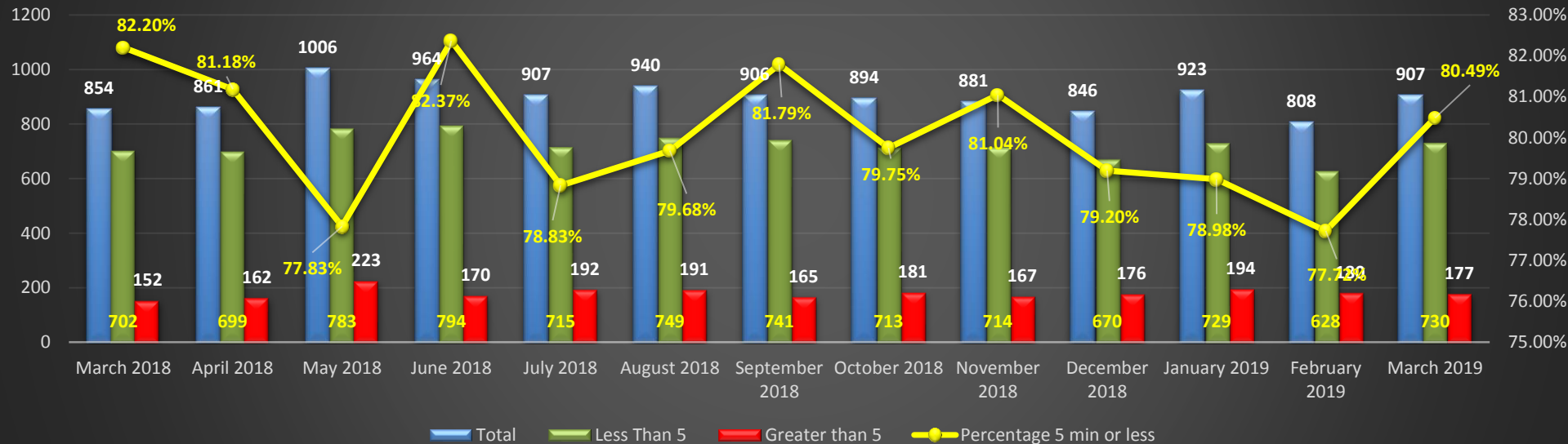
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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

➤ Excellent improvement by District 2 in regards to EMS responses for the month of March.

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

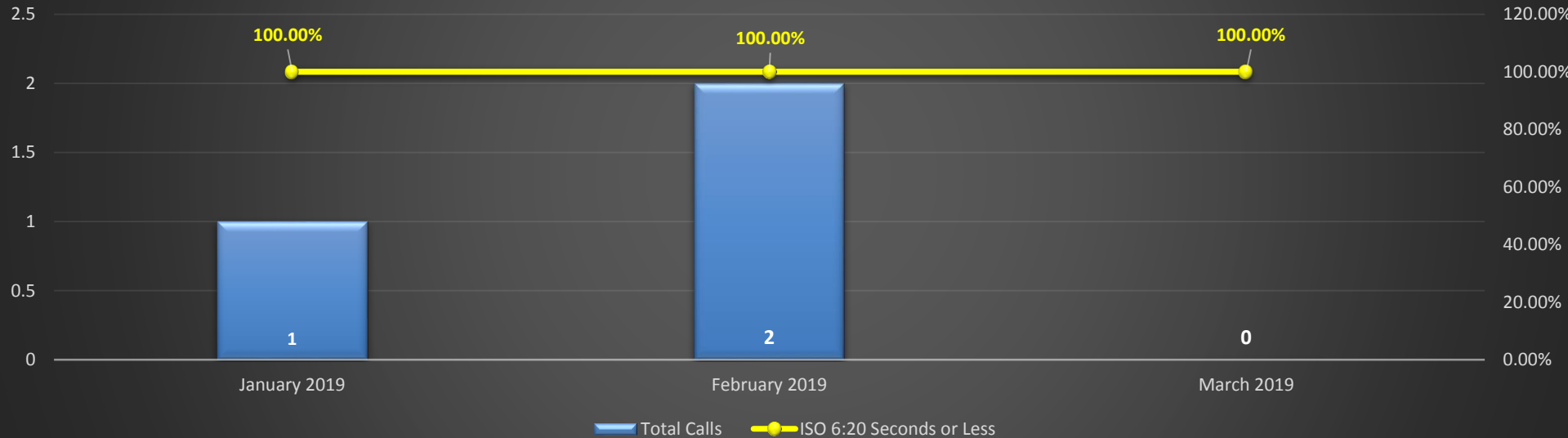
Current Period:
03/01/2019 - 03/31/2019



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

➤ No structure fire responses for Tour A for the month of March.

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.



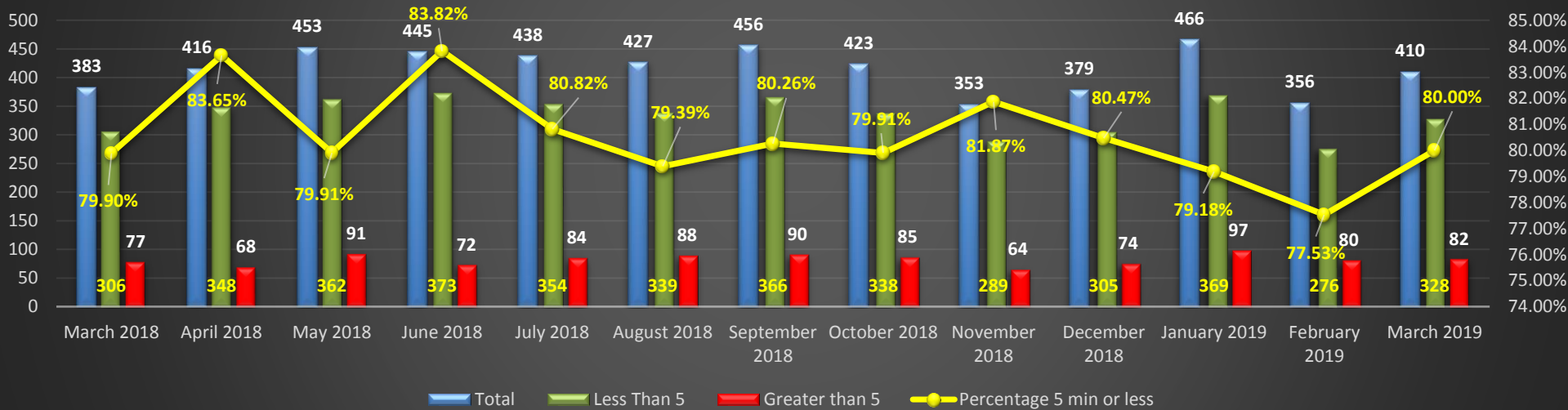
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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

➤ Good improvement of EMS response 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 ISO standards.

Data Source: Firehouse Software

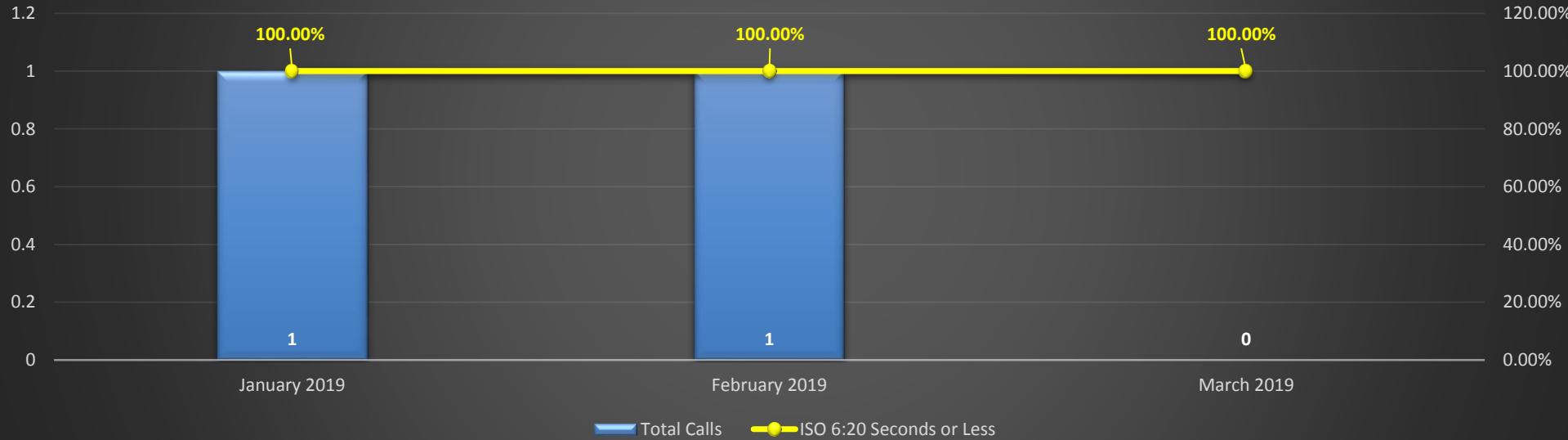
Current Period:
03/01/2019 - 03/31/2019



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

➤ No structure fire responses for Tour B for the month of March.

➤ Maintain efficiency.

➤ Effective emergency response.

EMS Response Scorecard

Tour B

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



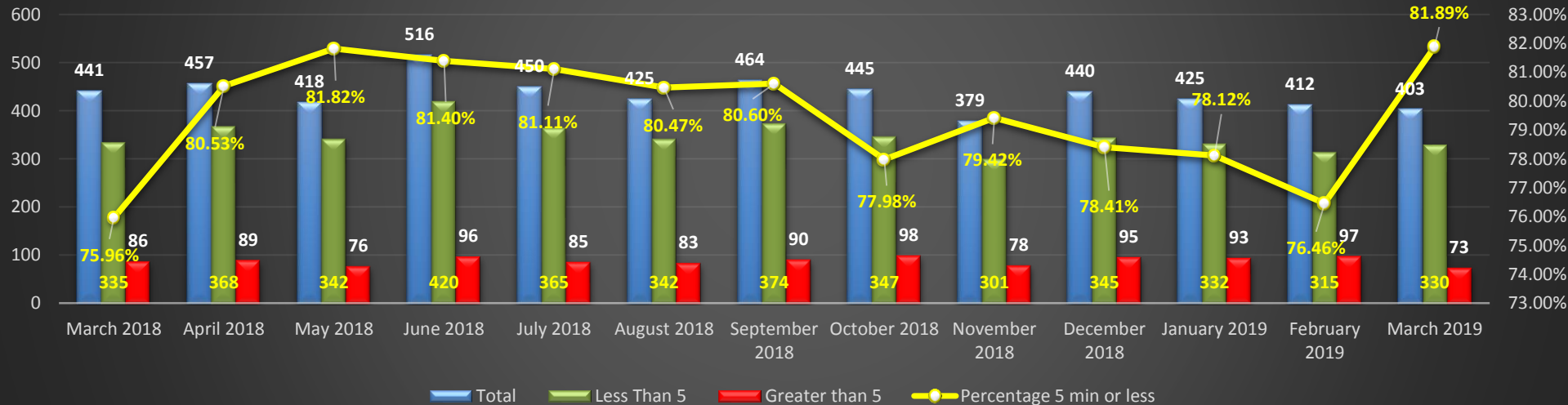
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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

➤ Great improvement by Tour B for their EMS response compliance percentage.

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

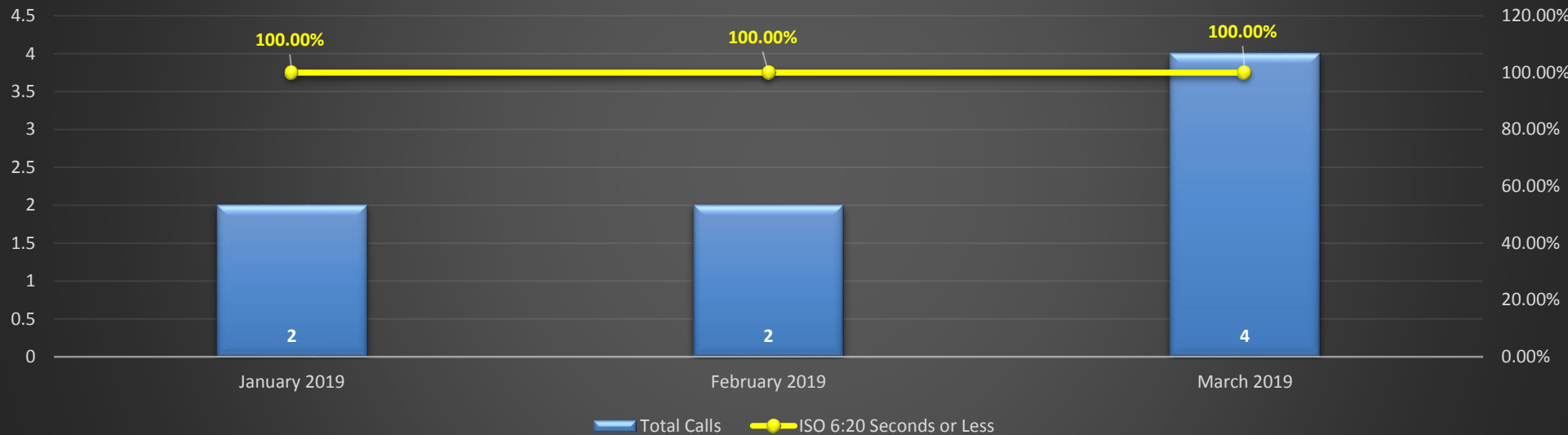
Current Period:
03/01/2019 - 03/31/2019



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

➤ Outstanding job by Tour C for structure fire response.

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.



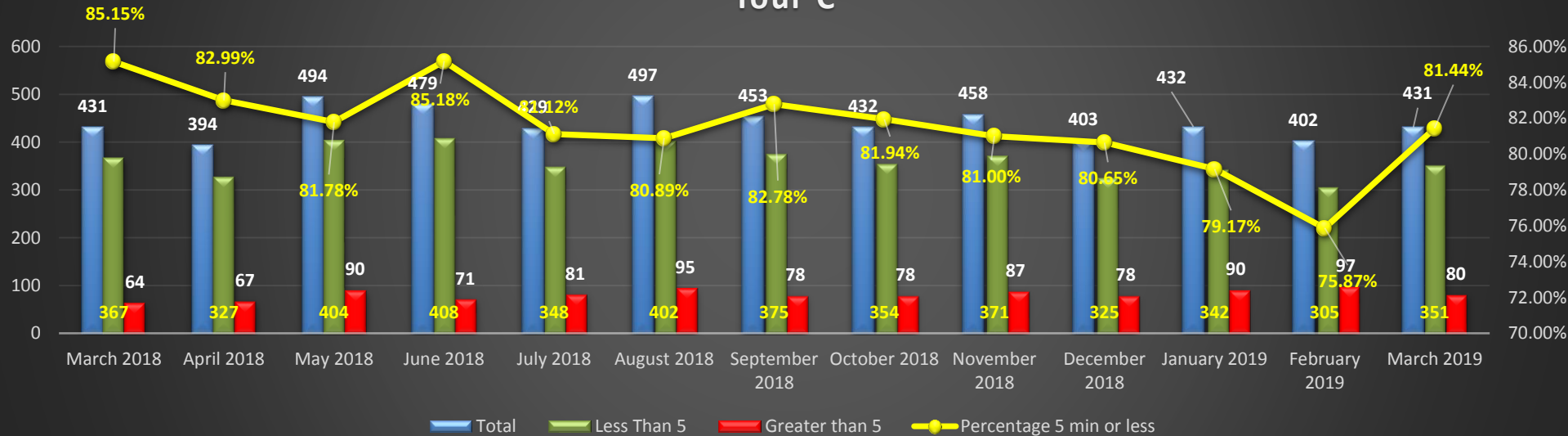
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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 for EMS response compliance.

Recommendations

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

Impact

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

Fire Response Scorecard

Tour D

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

Data Source: Firehouse Software

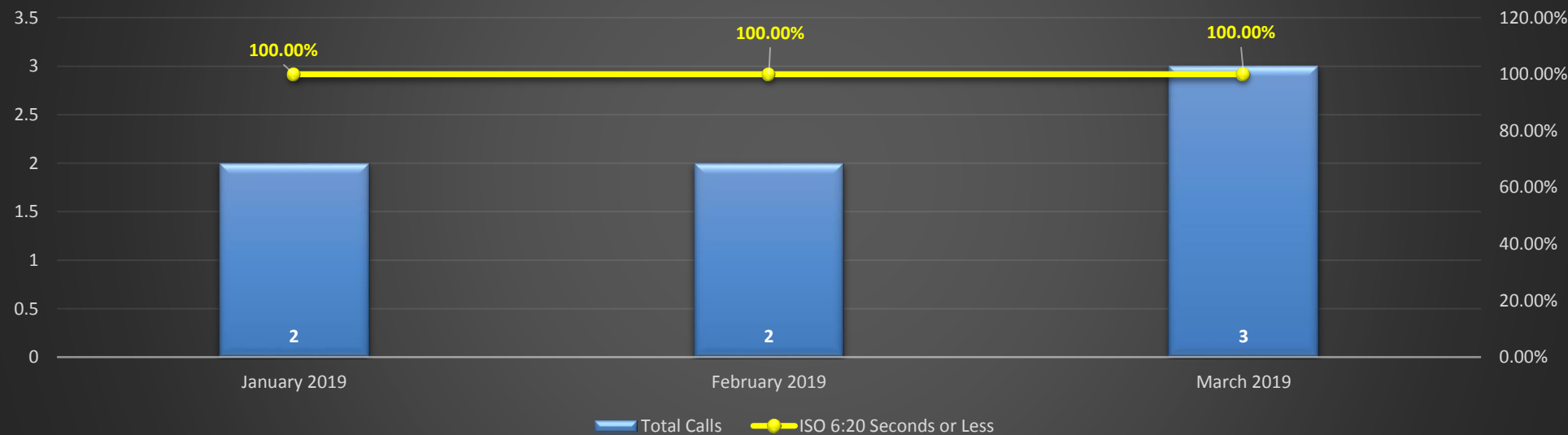
Current Period:
03/01/2019 - 03/31/2019



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.

Conduct performance analysis.

➤ Life safety incident stabilization.

EMS Response Scorecard

Tour D

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



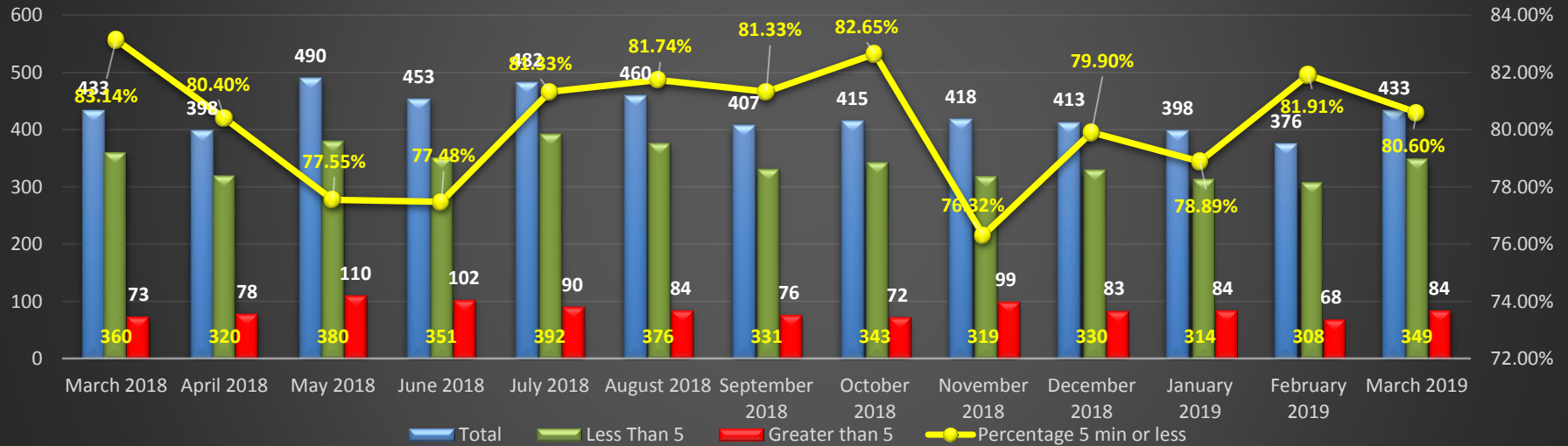
Data Source:
Firehouse Software

Current Period:
03/01/2019 - 03/31/2019

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

➤ Slight improvement of performance for EMS response by Tour D.

Recommendations

Continue to reiterate the importance of compliance.

Impact

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

COMMUNITY RISK REDUCTION – **FIRE MARSHAL OFFICE**



"Goal Oriented, Results Driven"

Performance Scorecard

Community Risk Reduction Division -FM



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

HFD Strategic Priorities:
Provide Quality Code enforcement

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

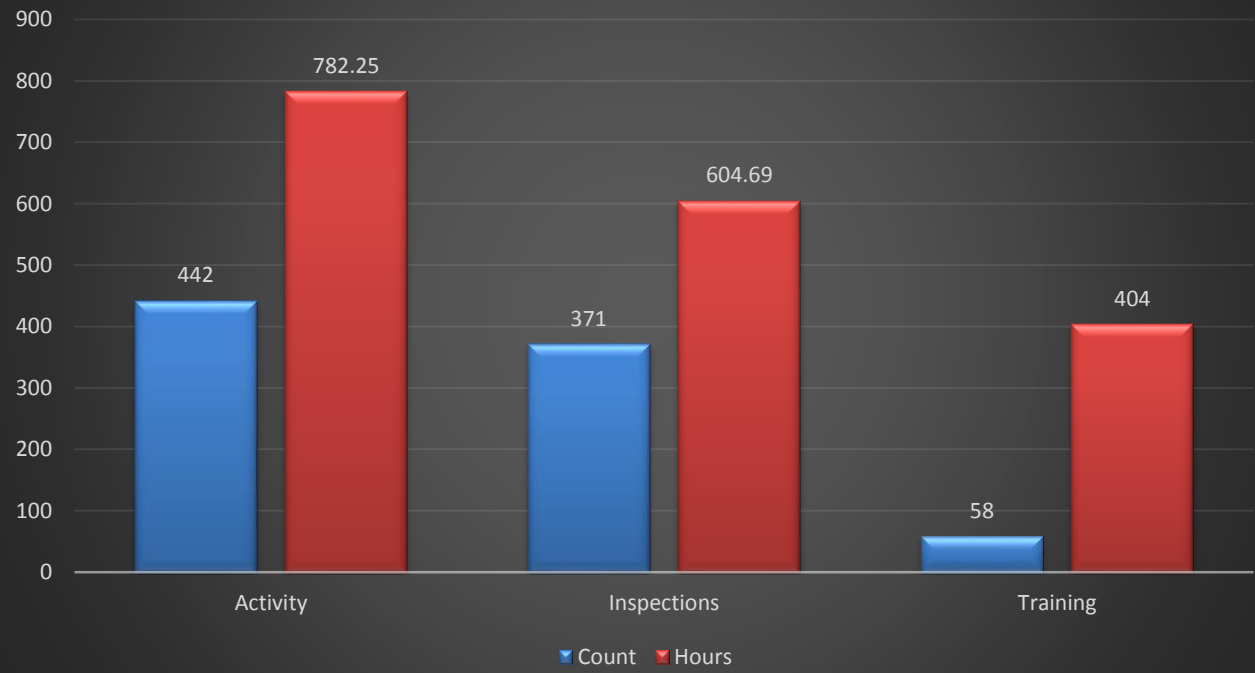
Data Source: HFD Firehouse Software

Current Period: 03/01/2019 - 03/31/2019

HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
01/19	560	369	
02/19	210	142	
03/19	418	565	

Fire Marshal Office



Attendance

Total Hours Working:	1790.94	Off Duty:	795
Total Hours on Duty	2213.25	Percentage Account For:	80.92%

Recommendations

- ✓ Why is the percentage of time accounted for only 80%?
- ✓ Excellent job on the number of inspections conducted for the month of March.

Impact

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

Performance Scorecard

Community Risk Reduction Division -FM

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

Data Source:
Firehouse Software

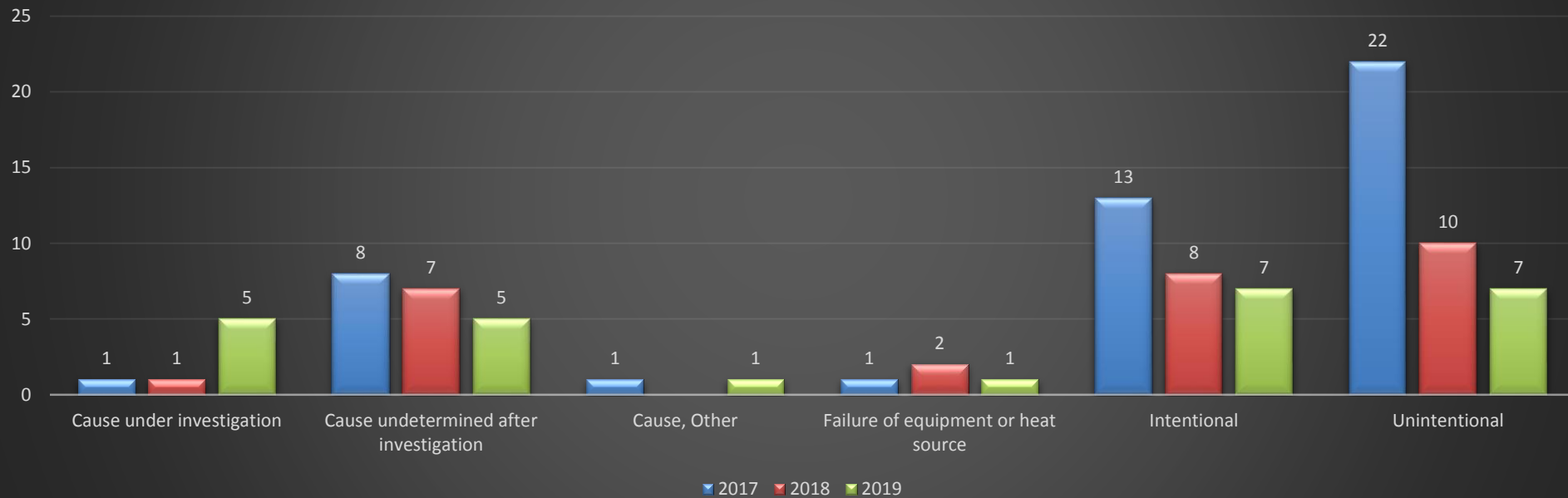
Current Period:
03/01/2019 - 03/31/2019



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 March



Analysis

- Intentionally set fires continue to trend down when compared to same month in 2017 & 2018. Unintentional fires are drastically down when compared to 2017 & 2018.

Recommendations

- ✓ Assess effectiveness of community risk reduction program.

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

Performance Target – Reduction in Residential Structure Fires by 20% by 1st Quarter 2019.

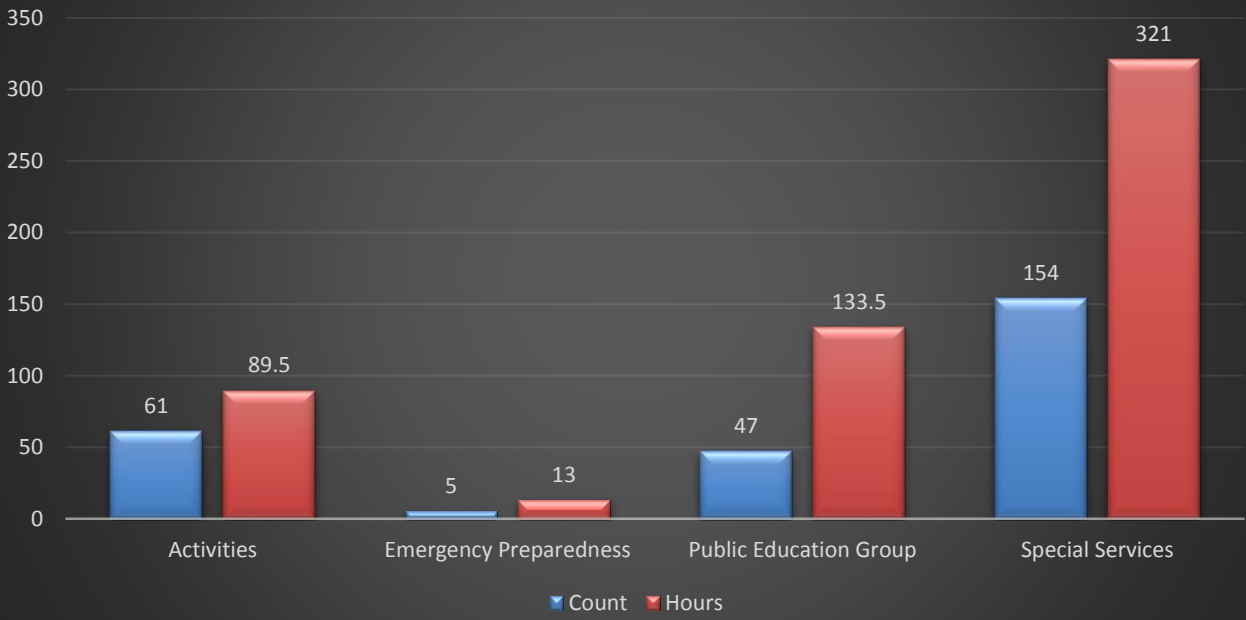
Data Source: HFD Firehouse Software

Current Period: 03/01/2019 - 03/31/2019

HISTORICAL ANALYSIS

Reporting Period	01/19	02/19	03/19
Total Activities	293	255	267
Total Adults	1614	1738	10,143
Total Children	776	578	1,136
Smoke Detector	70	6	7
Car Seats	4	52	35

Special Services



Attendance

Total Hours Working:	557	Off Duty:	70
Total Hours on Duty:	618	Percentage Account For:	90.13%

Recommendations

Great job Special Services Unit.

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.

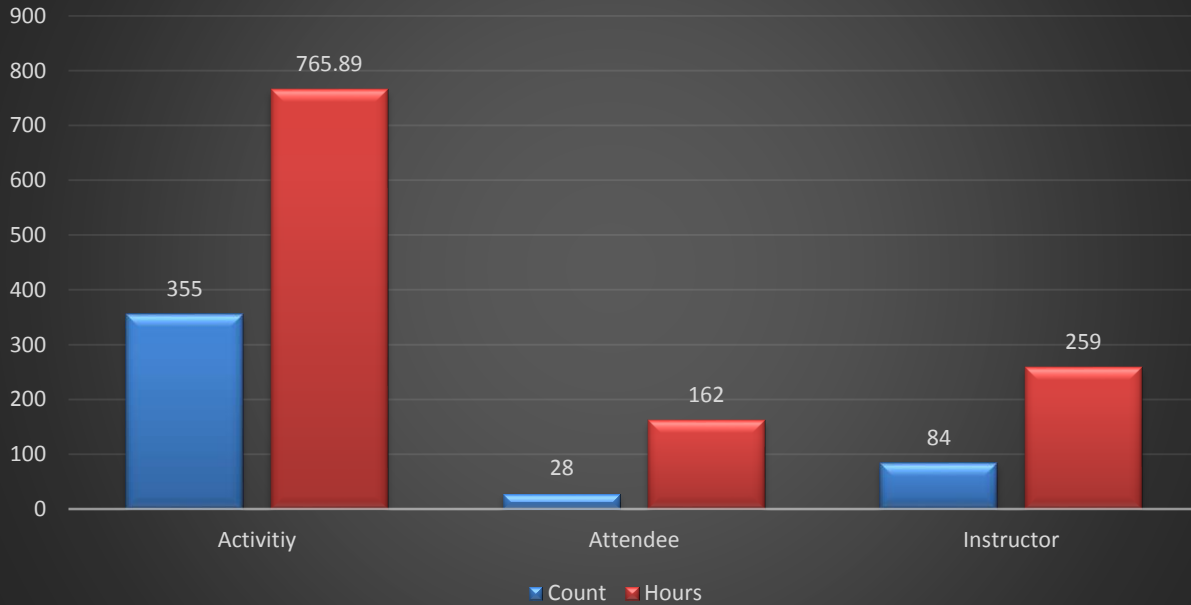
Data Source: HFD Firehouse Software

Current Period: 03/01/2019 – 03/31/2019

HISTORICAL ANALYSIS



Training Division



Attendance

Recommendations

Impact

Total Working Hours:	1186.89	Total Hours Off:	370.5
Total Hours on Duty:	1192	Hours Accounted For:	99.57%

Outstanding work, Training Division

- 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.

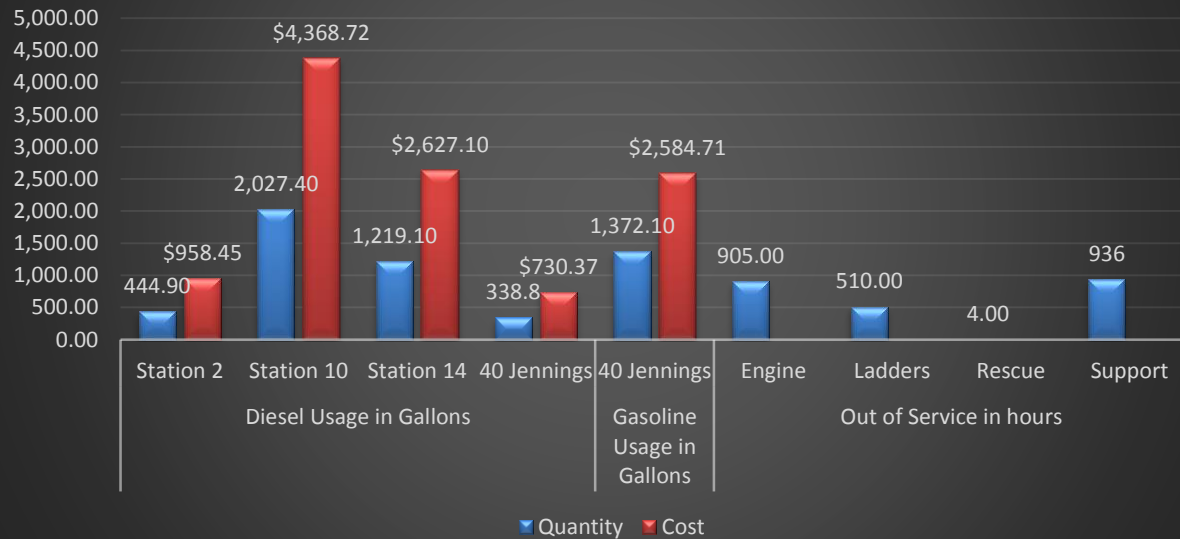
Data Source: HFD Firehouse Software

Current Period: 03/01/2019 – 03/31/2019

HISTORICAL ANALYSIS

Reporting Period	Historical Analysis			
	Hose Testing	Aerial Testing	Ground Ladder Testing	Fit Test
01/19	0	0	0	0
02/19	0	0	1	196
03/19	0	0	0	398

Equipment Maintenance Division March 2019



Attendance

Total Working Hours:	1176.8	Total Hours Off:	100
Total Hours on Duty:	1273	Hours Accounted For:	92.44%

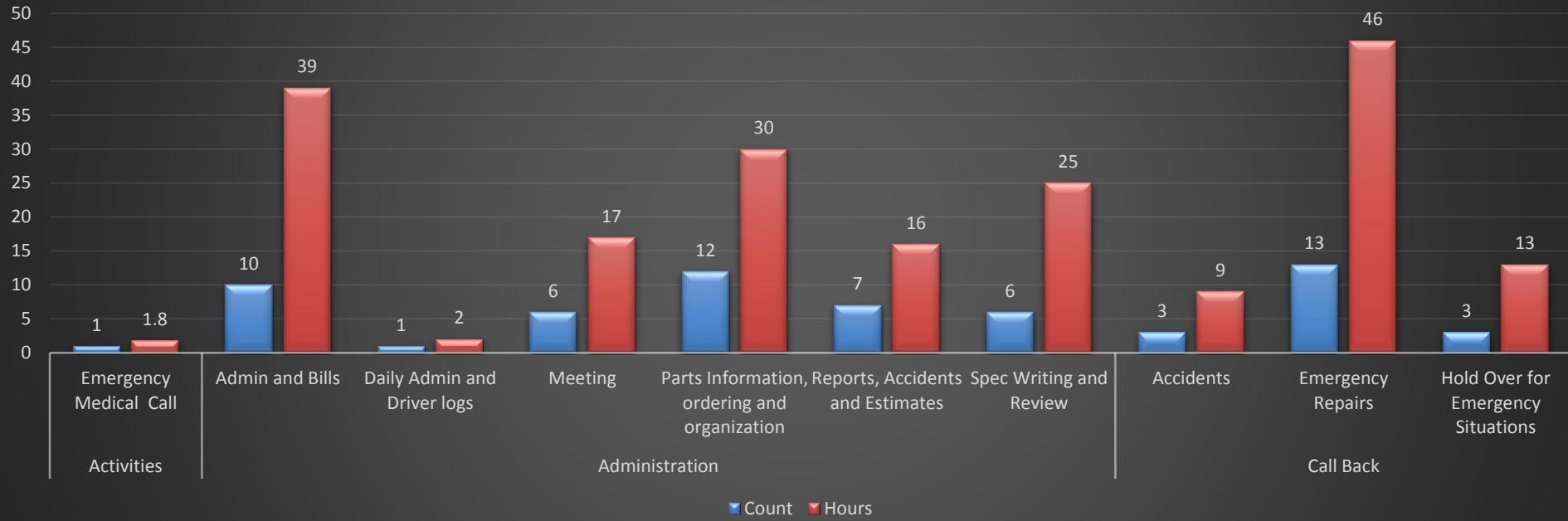
Recommendations

➤ Well done, Equipment Maintenance Division.

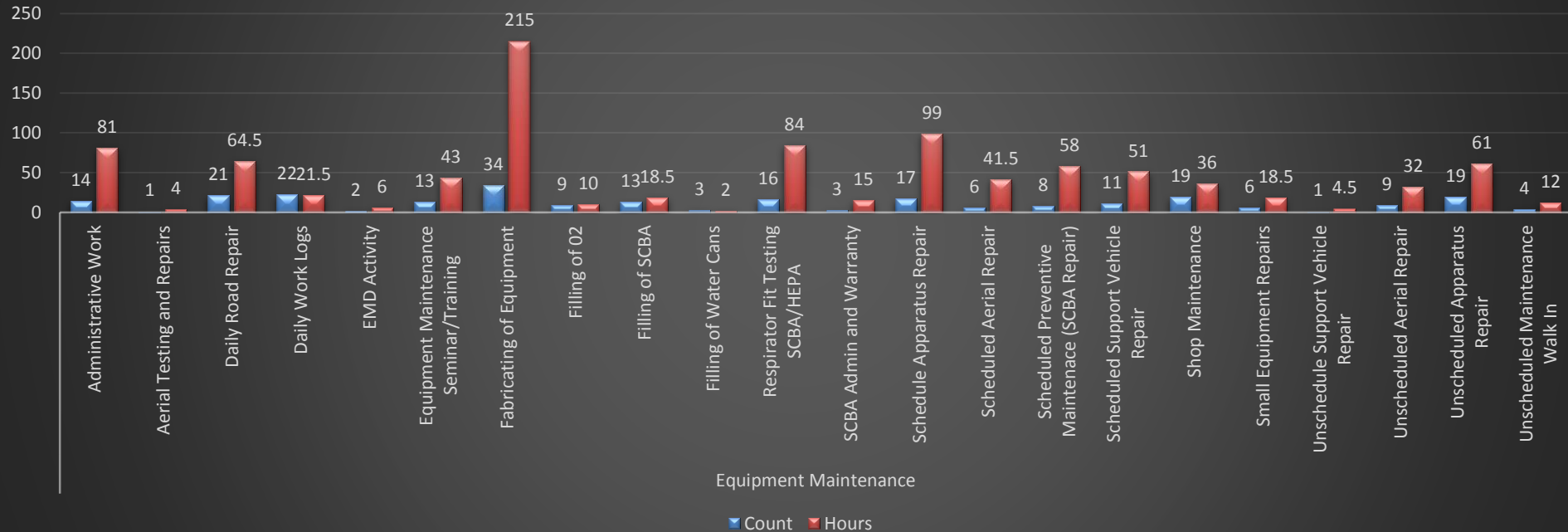
Impact

- 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.

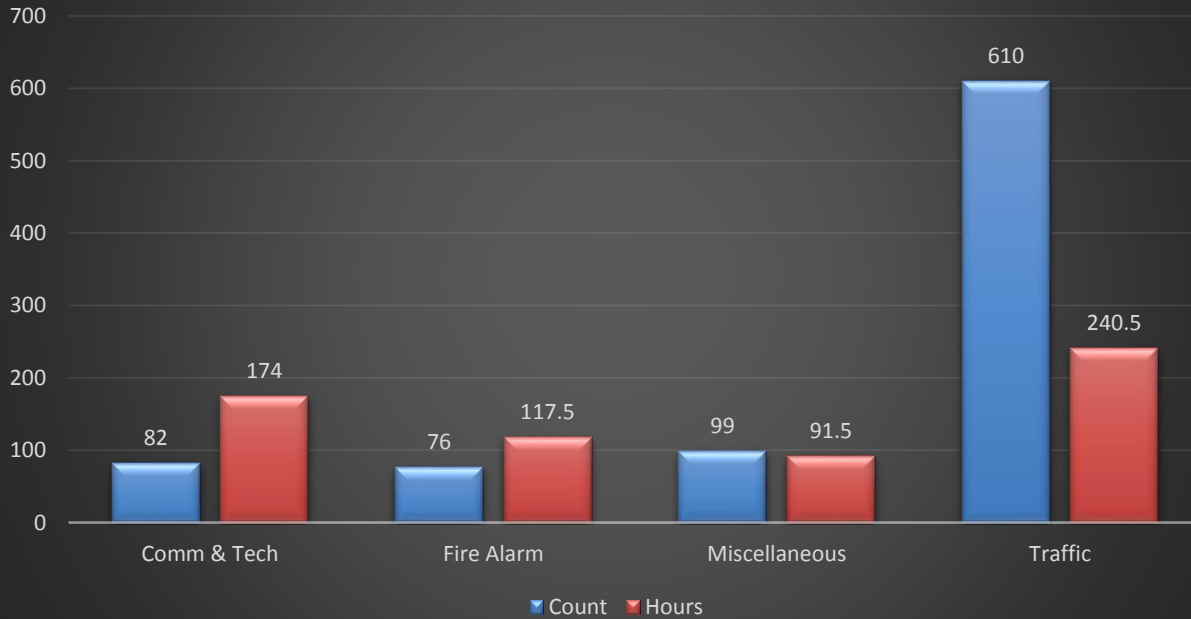
Data Source: HFD Firehouse Software

Current Period: 03/01/2019 – 03/31/2019

HISTORICAL ANALYSIS

Reporting Period	Historical Analysis			
	Traffic	Comm & Tech	Training / Misc	Fire Alarm
01/19	430	82	95	99
02/19	516	68	100	59
03/19	610	82	99	76

Fire Alarm Communications Technology



Attendance

Total Working Hours:	623.5	Total Hours Off:	150
Total Hours on Duty:	670.5	Hours Accounted For:	92.99%

Recommendations

✓ Excellent work as usual, Fire Alarm Communications & Technology Division.

Impact

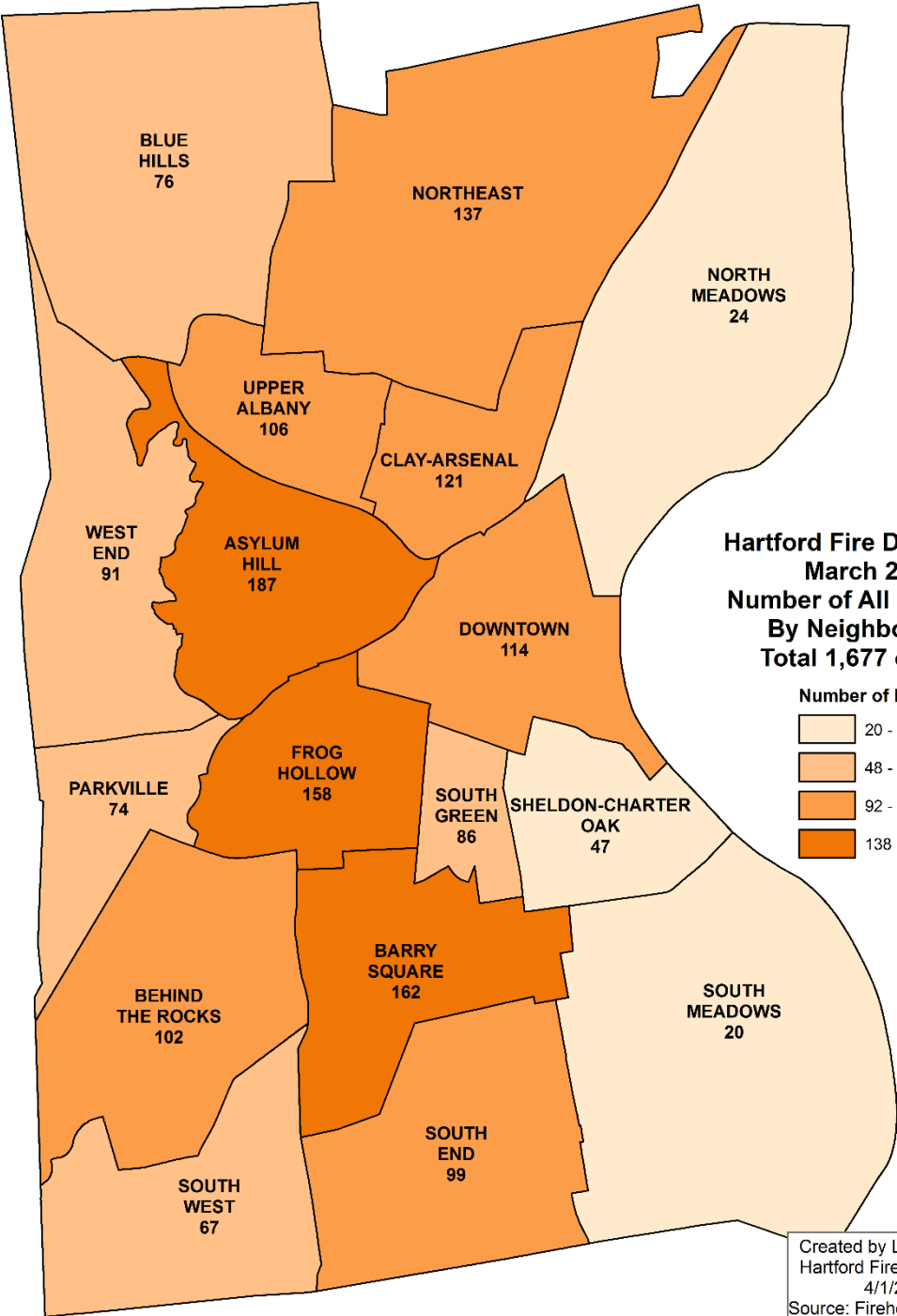
- IS&IT execution of relevant duties and responsibilities.

EMERGENCY RESPONSE DATA

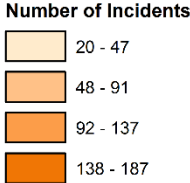


"Goal Oriented, Results Driven"

EMS Calls March 2019



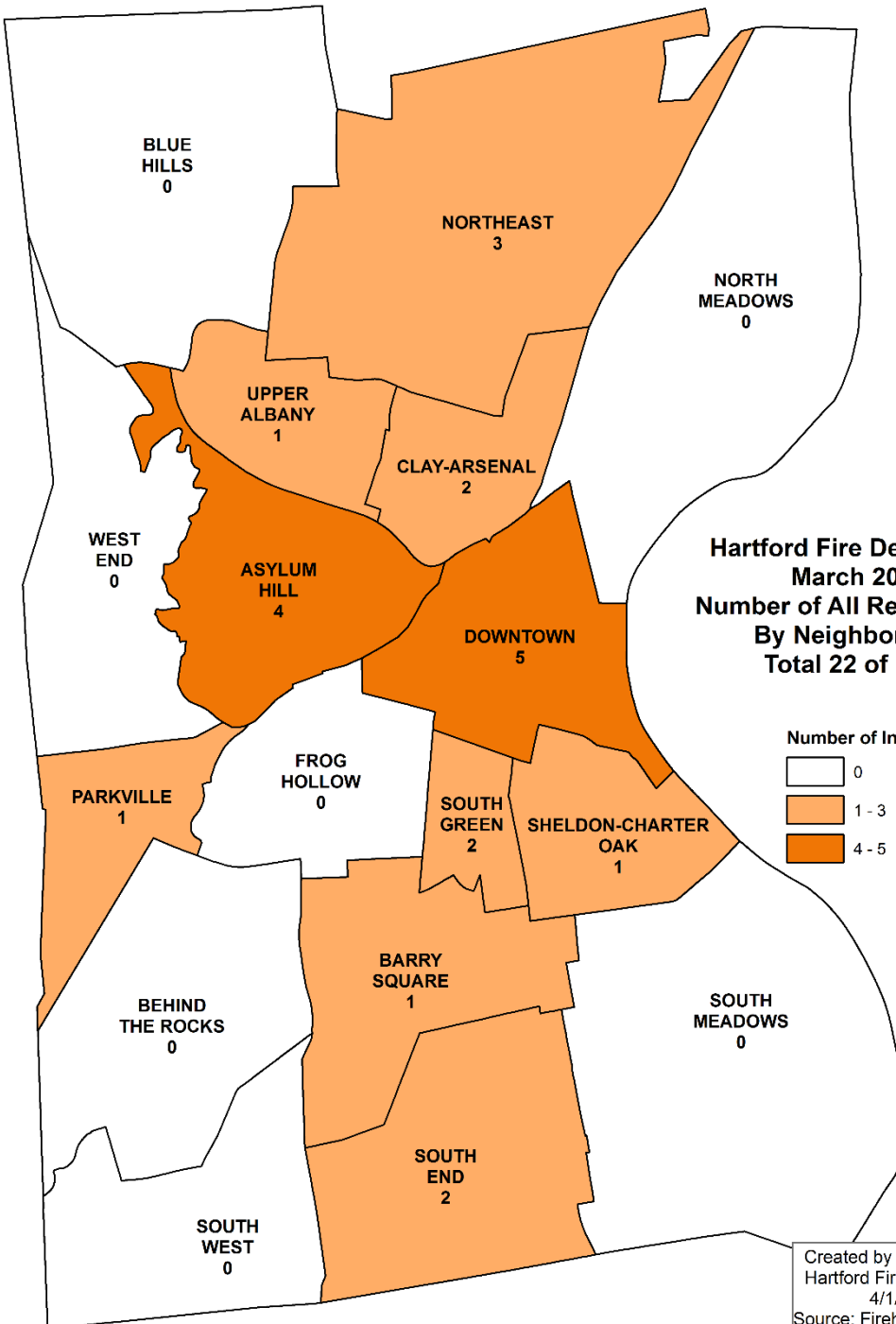
**Hartford Fire Department
March 2019
Number of All EMS Calls
By Neighborhood
Total 1,677 of Calls**



Incident Type	Description	Incident Count
321	EMS call, excluding vehicle accident with injury	1065
311	Medical assist, assist EMS crew	416
322	Motor vehicle accident with injuries	91
324	Motor Vehicle Accident with no injuries	64
300	Rescue, EMS incident, other	35
323	Motor vehicle/pedestrian accident (MV Ped)	5
320	Emergency medical service, other	1

Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded 1,671
Not Geocoded: 6

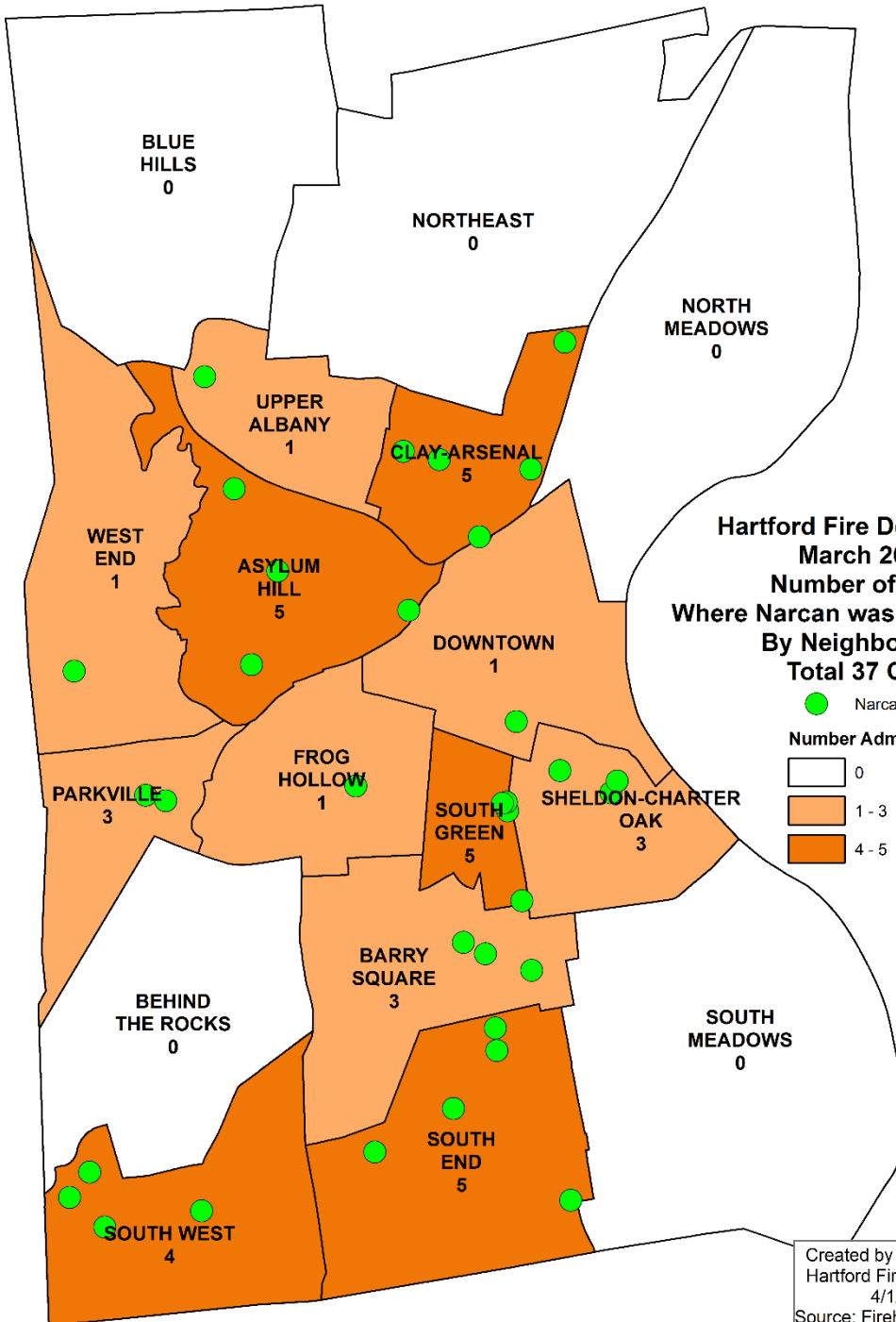
Rescue Calls March 2019



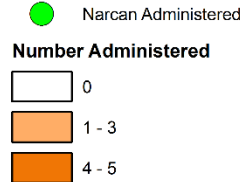
Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 22
Not Geocoded: 0

Incident Type	Description	Incident Count
353	Removal of victim(s) from stalled elevator	10
381	Rescue or EMS standby	5
352	Extrication of victim(s) from vehicle	5
331	Lock-in (if lock out , use 511)	1
351	Extrication of victim(s) from building/structure	1

Narcan Administered March 2019



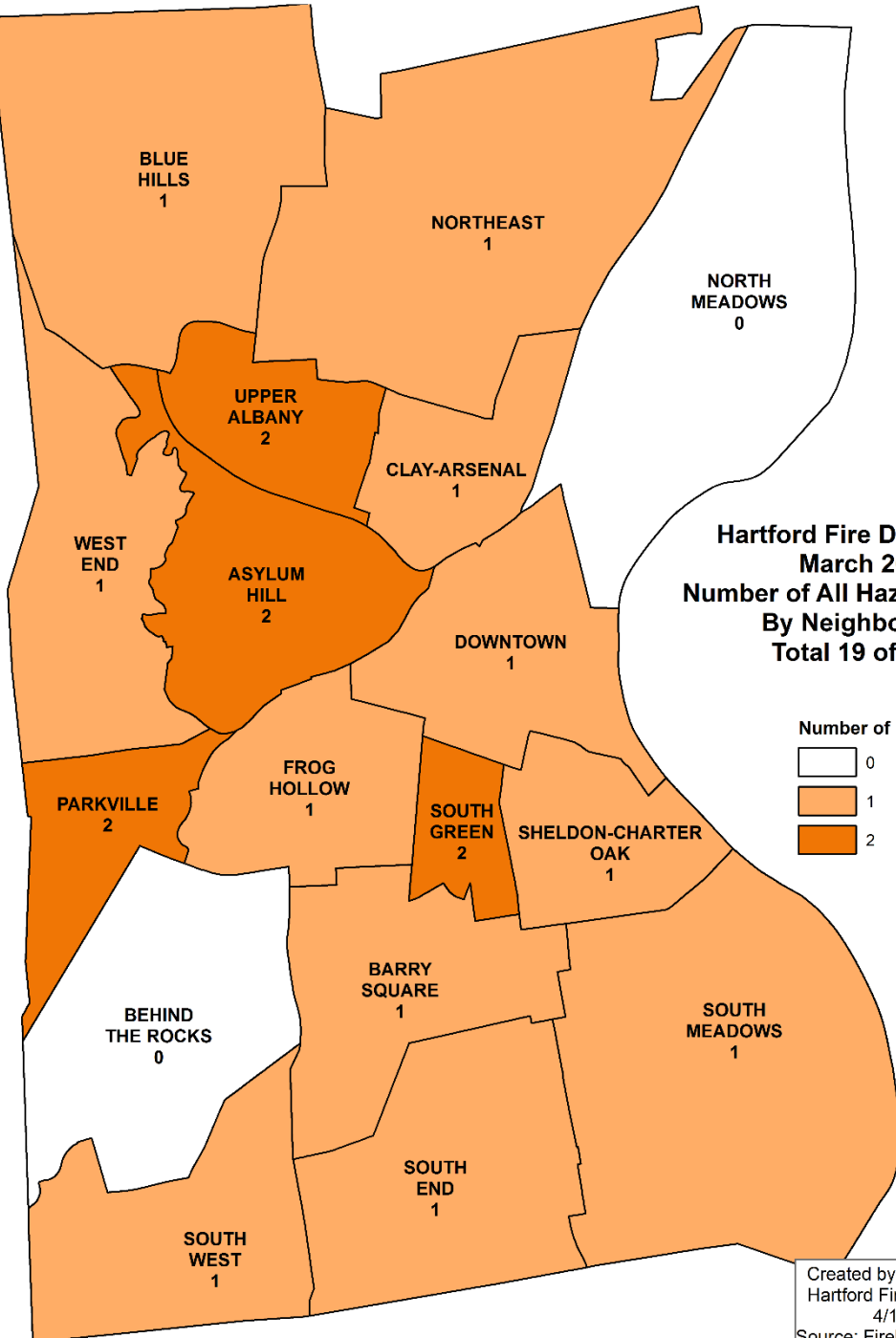
**Hartford Fire Department
March 2019
Number of Calls
Where Narcan was Administered
By Neighborhood
Total 37 Calls**



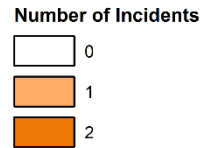
Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 37
Not Geocoded: 0

Hazardous Materials

March 2019



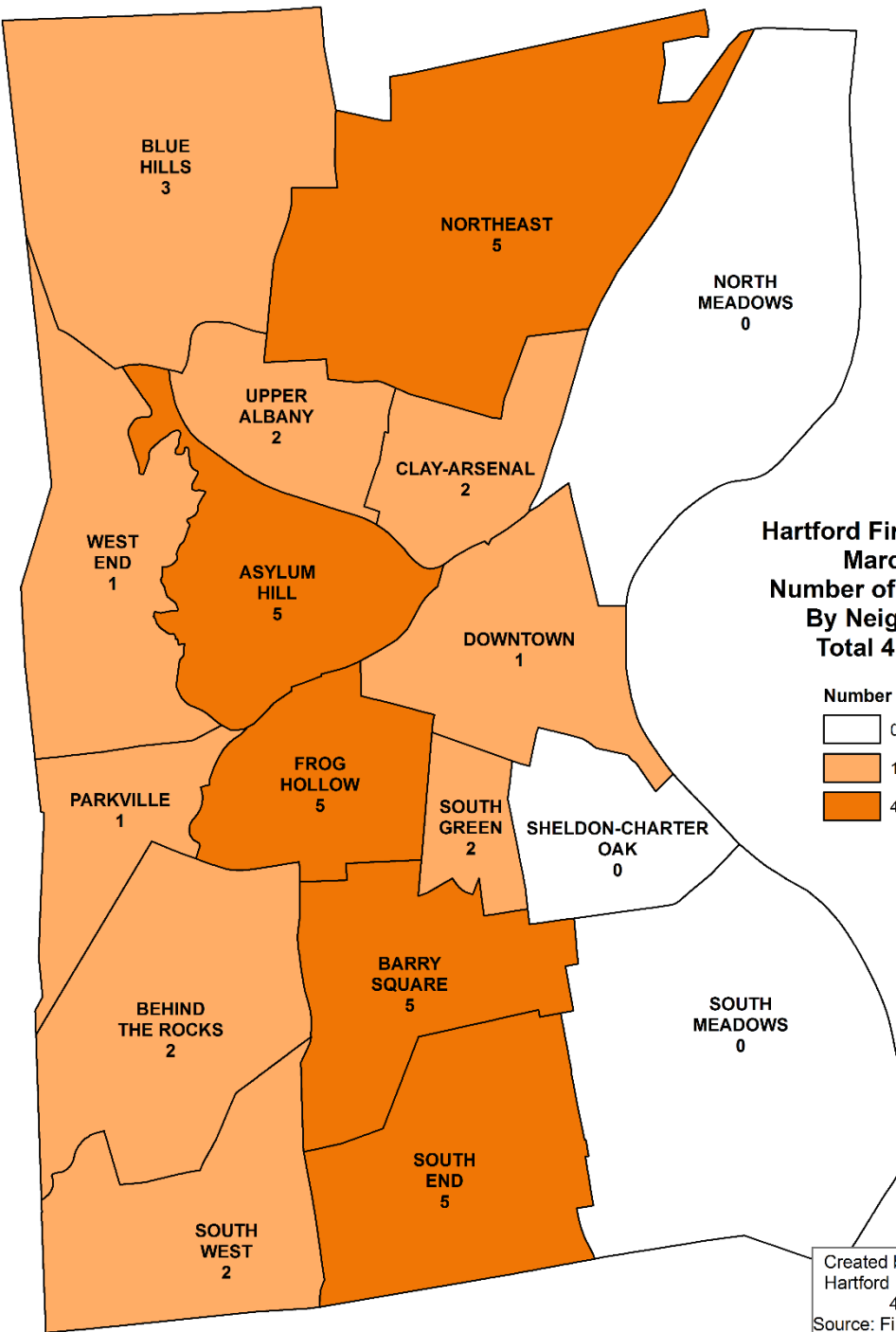
**Hartford Fire Department
March 2019
Number of All Hazardous Calls
By Neighborhood
Total 19 of Calls**



Incident Type	Description	Incident Count
412	Gas leak (natural gas or LPG)	8
400	Hazardous condition, Other	4
411	Gasoline or other flammable liquid spill	3
424	Carbon monoxide incident	1
460	Accident, potential accident, Other	1
410	Combustible/flammable gas/liquid condition, other	1
423	Refrigeration leak	1

Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 19
Not Geocoded: 0

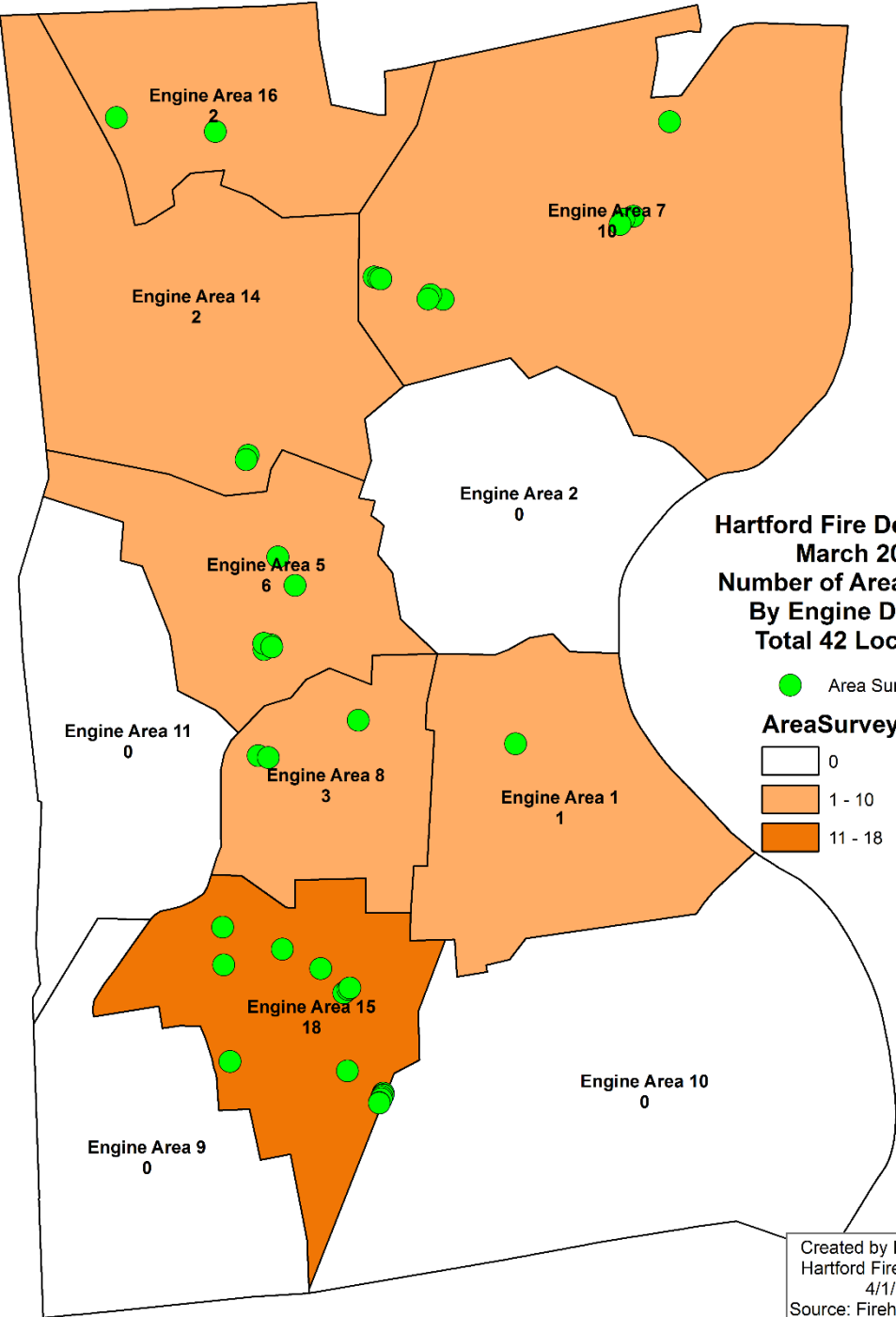
All Fires March 2019



Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 41
Not Geocoded: 0

Incident Type	Description	Incident Count
131	Passenger vehicle fire	8
111	Building fire	7
113	Cooking fire, confined to container	7
142	Brush or brush-and-grass mixture fire	4
151	Outside rubbish, trash or waste fire	4
130	Mobile property (vehicle) fire, Other	3
100	Fire, Other	2
118	Trash or rubbish fire, contained	1
150	Outside rubbish fire, Other	1
112	Fires in structure other than in a building	1
154	Dumpster or other outside trash receptacle fire	1
140	Natural vegetation fire, Other	1
116	Fuel burner/boiler malfunction, fire confined	1

Area Survey March 2019



**Hartford Fire Department
March 2019
Number of Area Surveys
By Engine Districts
Total 42 Locations**

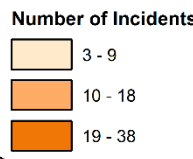
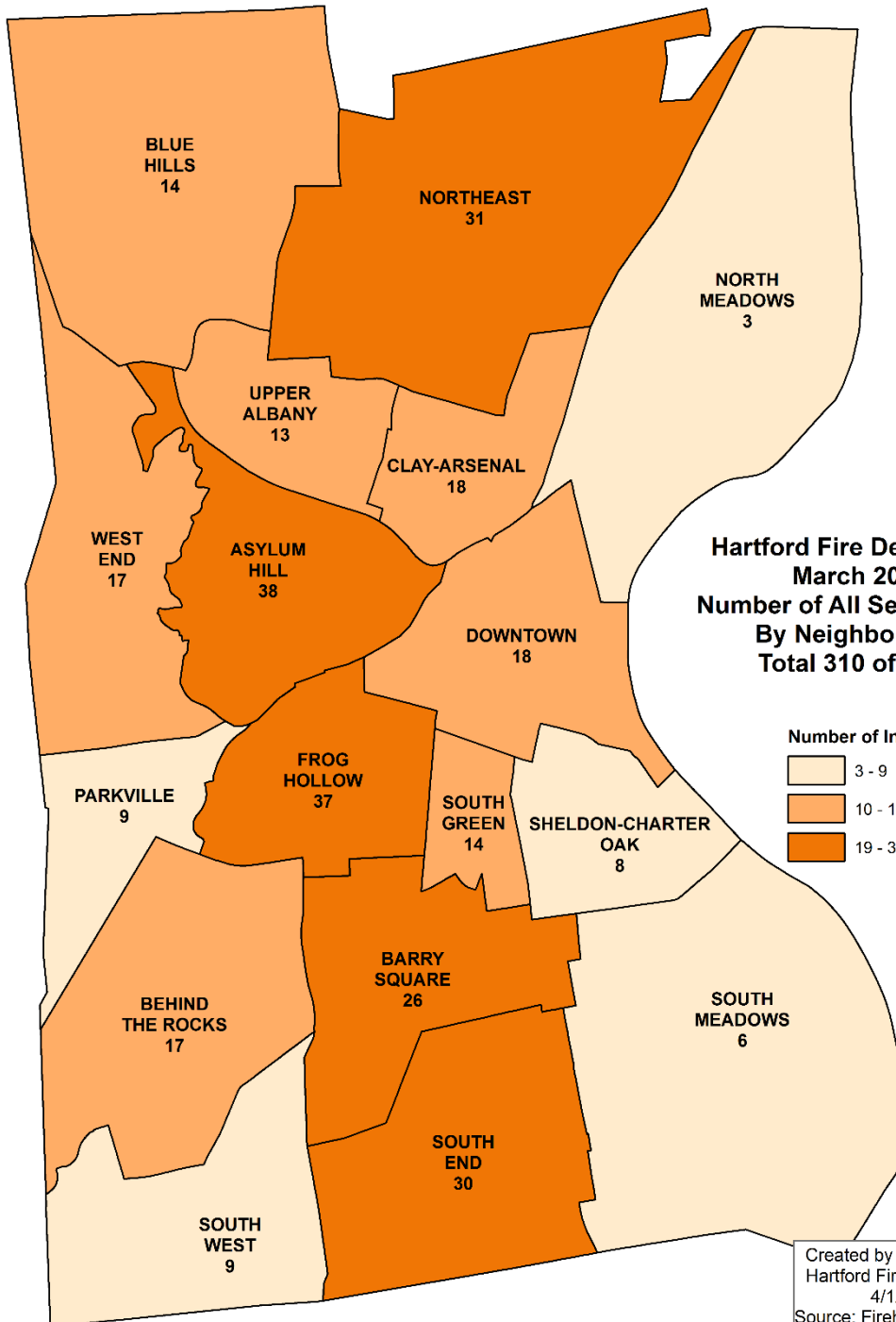
● Area Survey Locations

AreaSurvey

White	0
Light Orange	1 - 10
Dark Orange	11 - 18

Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 42
Not Geocoded: 0

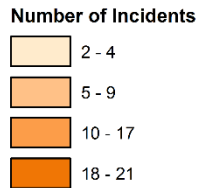
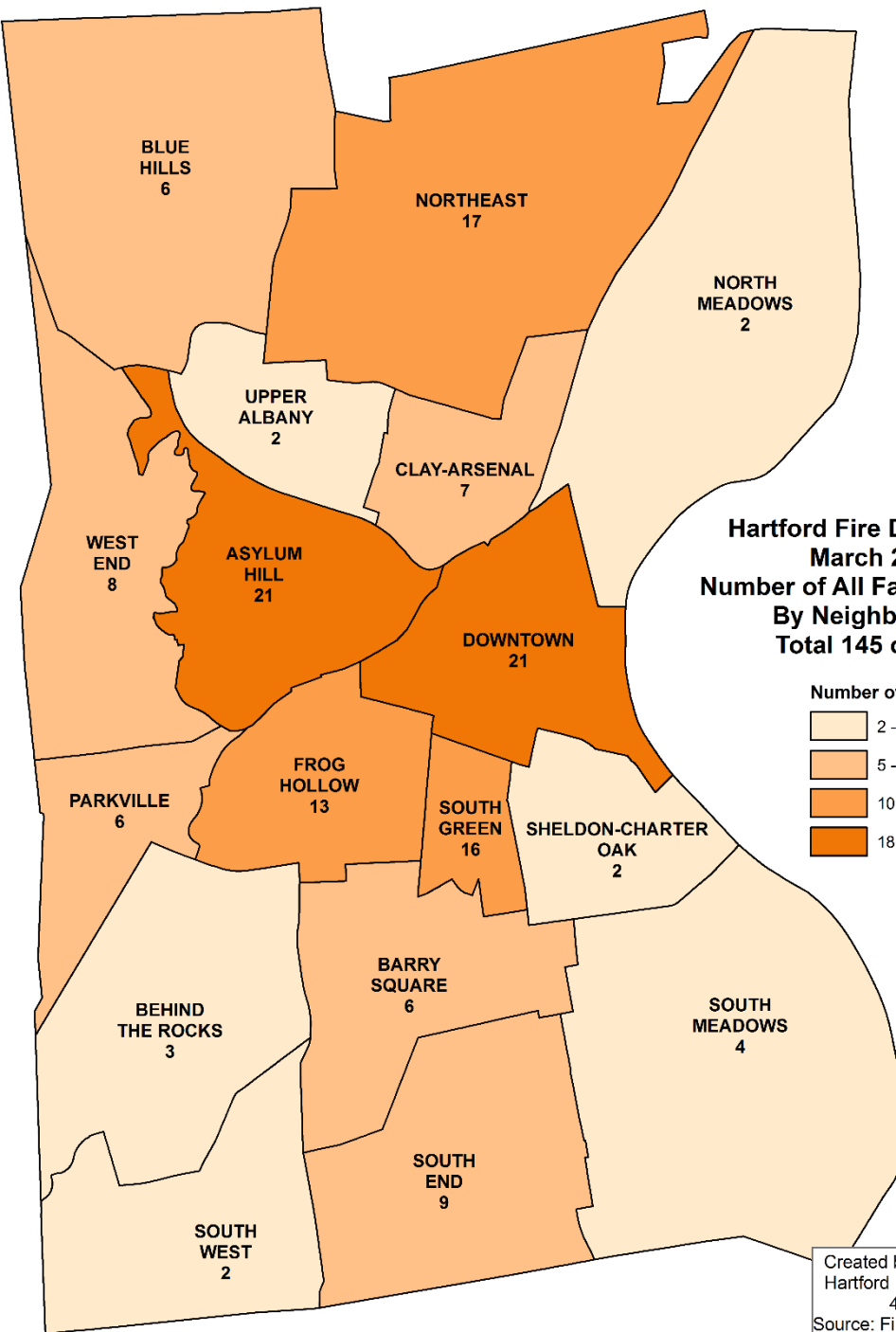
Service Calls March 2019



Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 308
Not Geocoded: 2

Incident Type	Description	Incident Count
552	Police matter	80
500	Service Call, other	63
531	Smoke or odor removal	44
510	Person in distress, Other	27
520	Water problem, Other	18
553	Public service	17
444	Power line down	17
550	Public service assistance, Other	11
511	Lock-out	11
554	Assist invalid	7
522	Water or steam leak	5
445	Arcing, shorted electrical equipment	3
571	Cover assignment, standby, moveup	2
442	Overheated motor	2
440	Electrical wiring/equipment problem, Other	1
551	Assist police or other governmental agency	1
555	Defective elevator, no occupants	1

Fire Alarms March 2019

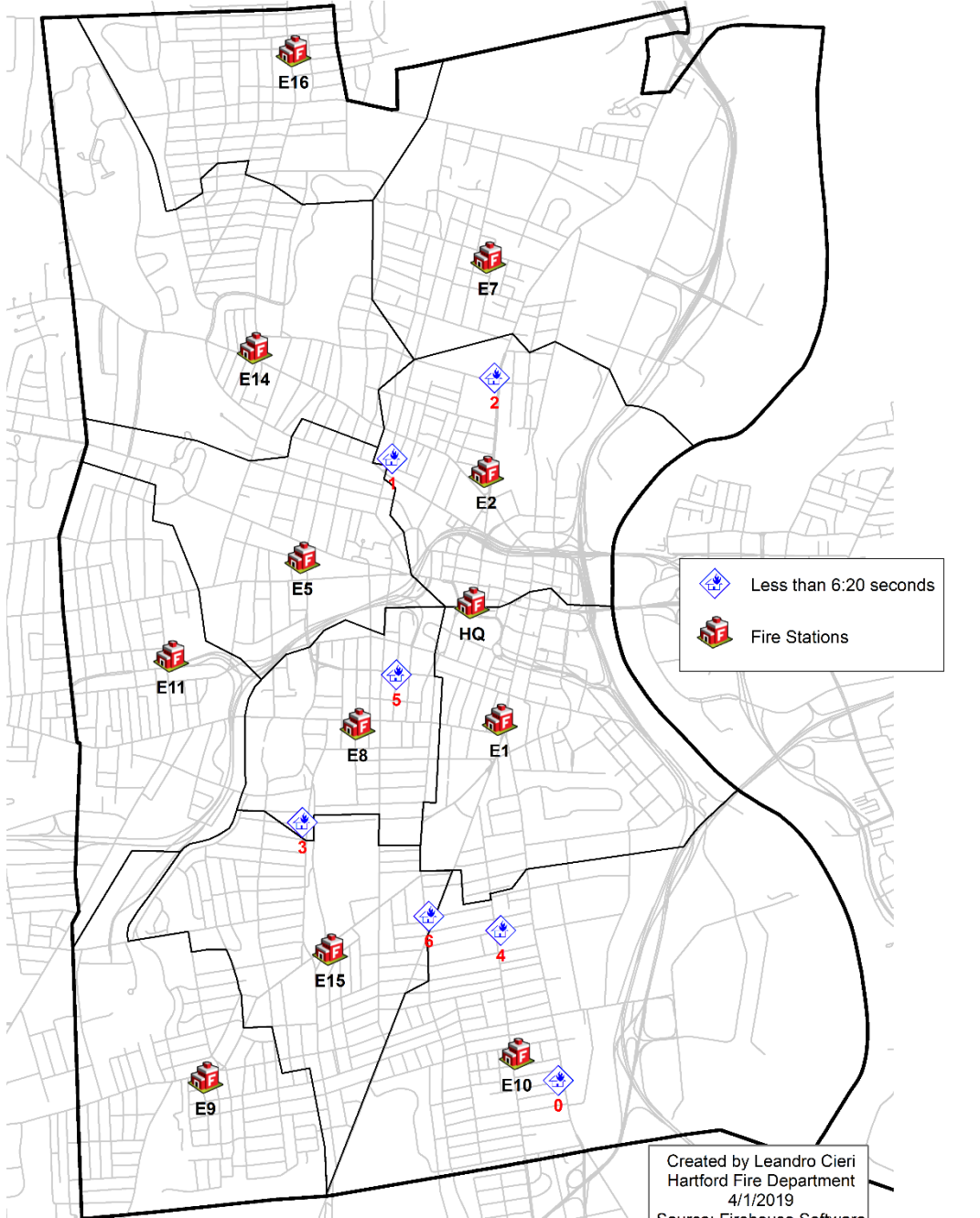


Created by Leandro Cieri
Hartford Fire Department
4/1/2019
Source: Firehouse Software
Geocoded: 145
Not Geocoded: 0

Incident Type	Description	Incident Count
745	Alarm system activation, no fire - unintentional	58
743	Smoke detector activation, no fire - unintentional	31
740	Unintentional transmission of alarm, Other	14
735	Alarm system sounded due to malfunction	12
710	Malicious, mischievous false call, Other	7
741	Sprinkler activation, no fire - unintentional	6
700	False alarm or false call, Other	5
730	System malfunction, Other	2
744	Detector activation, no fire - unintentional	2
715	Local alarm system, malicious false alarm	2
733	Smoke detector activation due to malfunction	2
746	Carbon monoxide detector activation, no CO	1
711	Municipal alarm system, malicious false alarm	1
714	Central station, 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	19-0066019	0:04:34	0	0	0	10	Lighter: cigarette, cigar
1	19-0068050	0:04:25	0	0	0	0	Undetermined
2	19-0076066	0:03:28	0	0	0	0	Undetermined
3	19-0077059	0:04:12	0	0	0	0	Undetermined
4	19-0081039	0:03:57	0	0	0	0	
5	19-0085008	0:05:04	0	0	0	0	
6	19-0088030	0:02:47	0	0	0	0	Hot or smoldering object, Other



Created by Leandro Cieri
 Hartford Fire Department
 4/1/2019
 Source: Firehouse Software
 Geocoded: 7
 Not Geocoded: 0

QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"