



City of Hartford
FIRE DEPARTMENT

FIRESTAT

February 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.



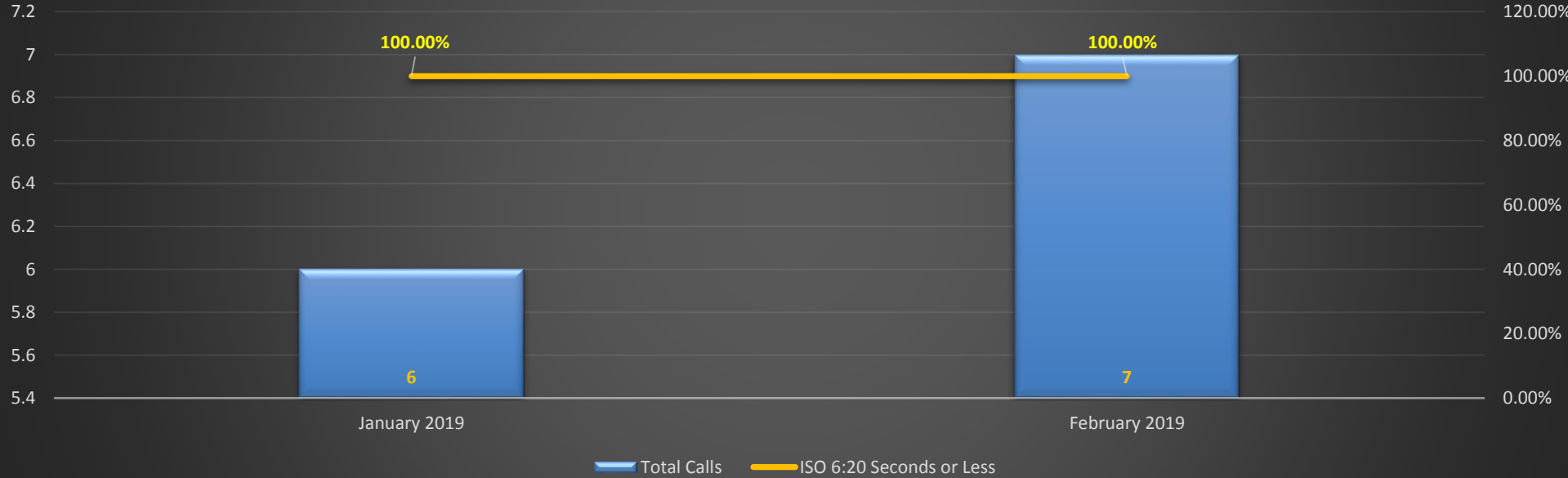
Data Source: Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

HFD Strategic Priorities:
Provide Quality Emergency Services

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

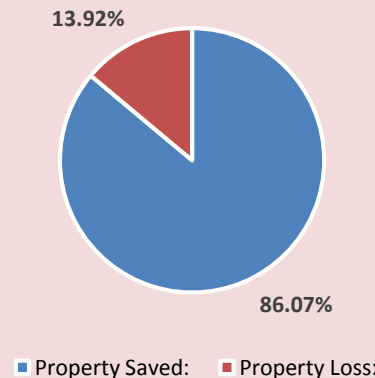
Structure Fires



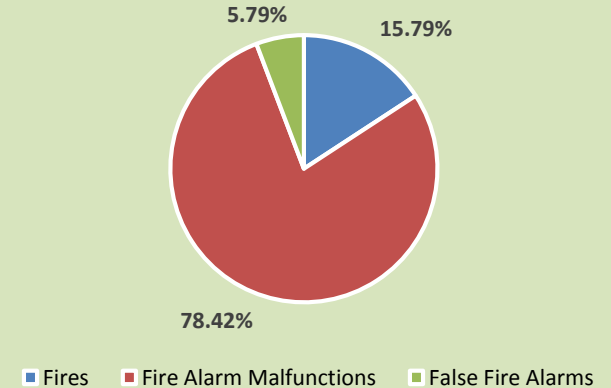
Analysis

➤ Excellent work by suppression personnel

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.



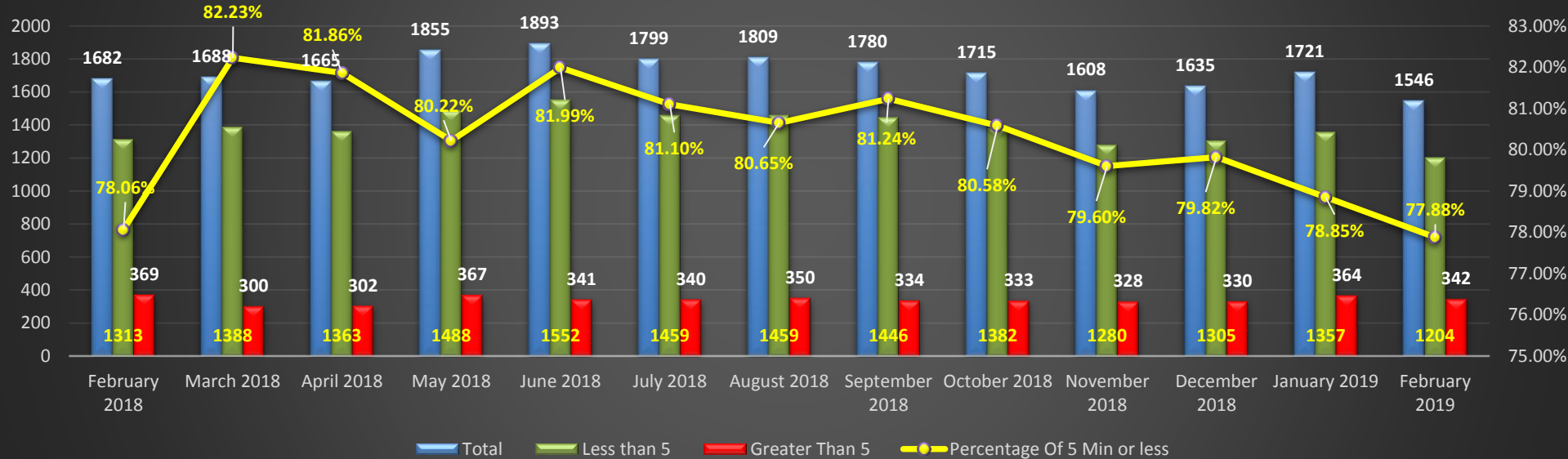
Data Source:
Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

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

➤ First responder(s) arrived on scene in five minutes or less just under 78% of the time.

Recommendations

➤ Assess any challenges that exist with meeting NFPA standard for EMS call response.

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

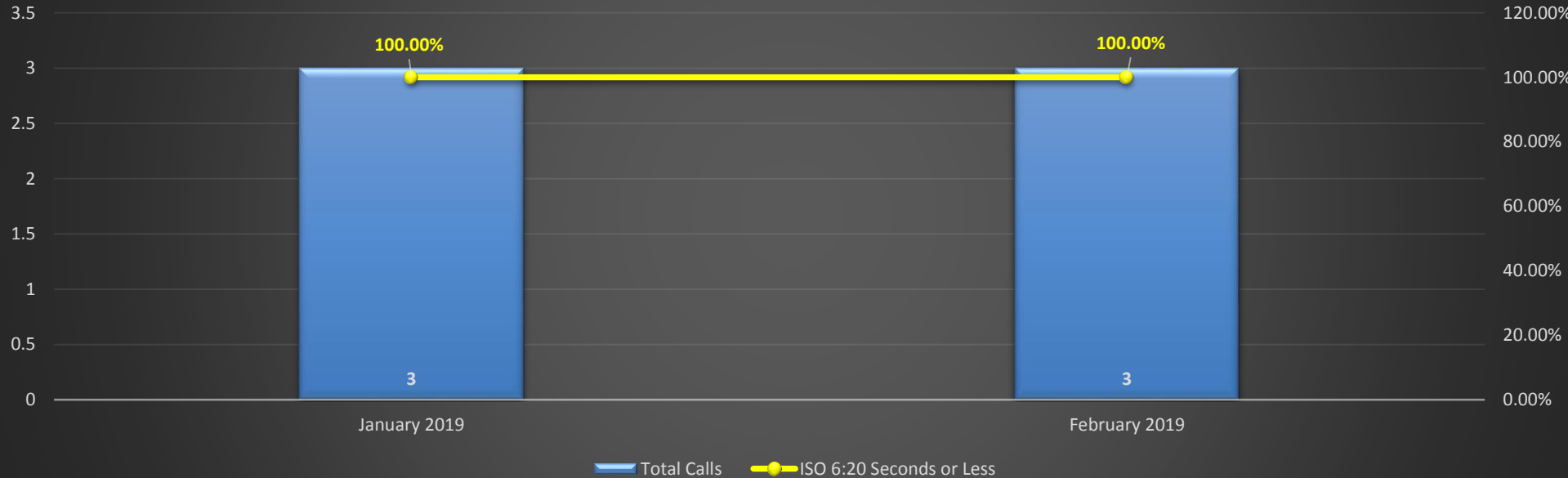
Current Period:
02/01/2019 - 02/28/2019



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 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.



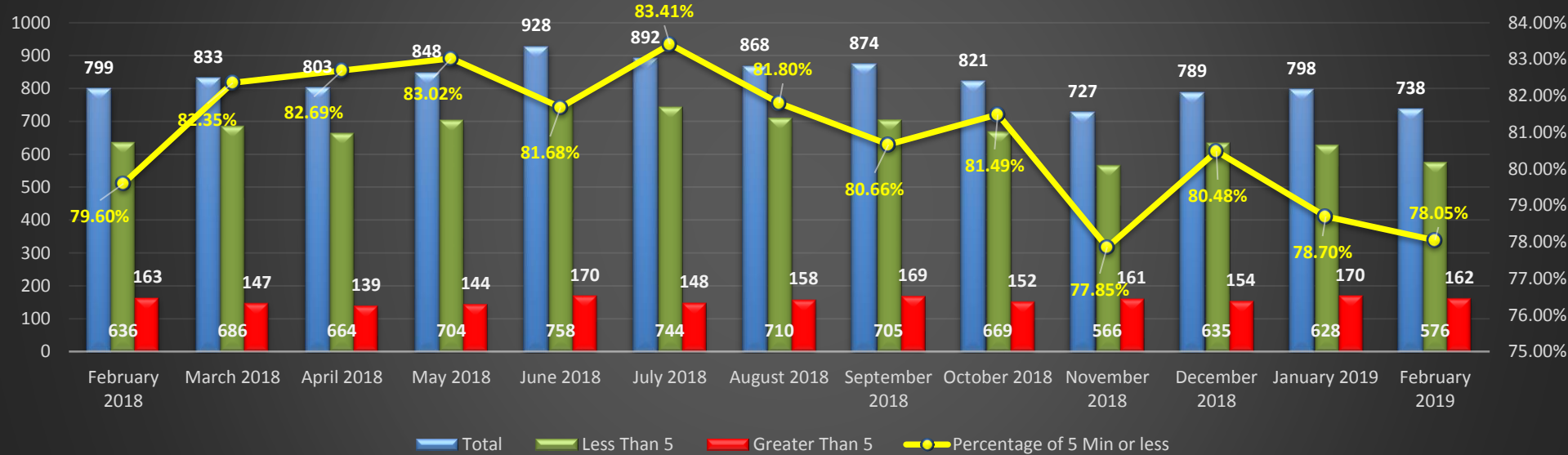
Data Source:
Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

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

➤ First responder(s) arrived on scene in five minutes or less 78.05% of the time.

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

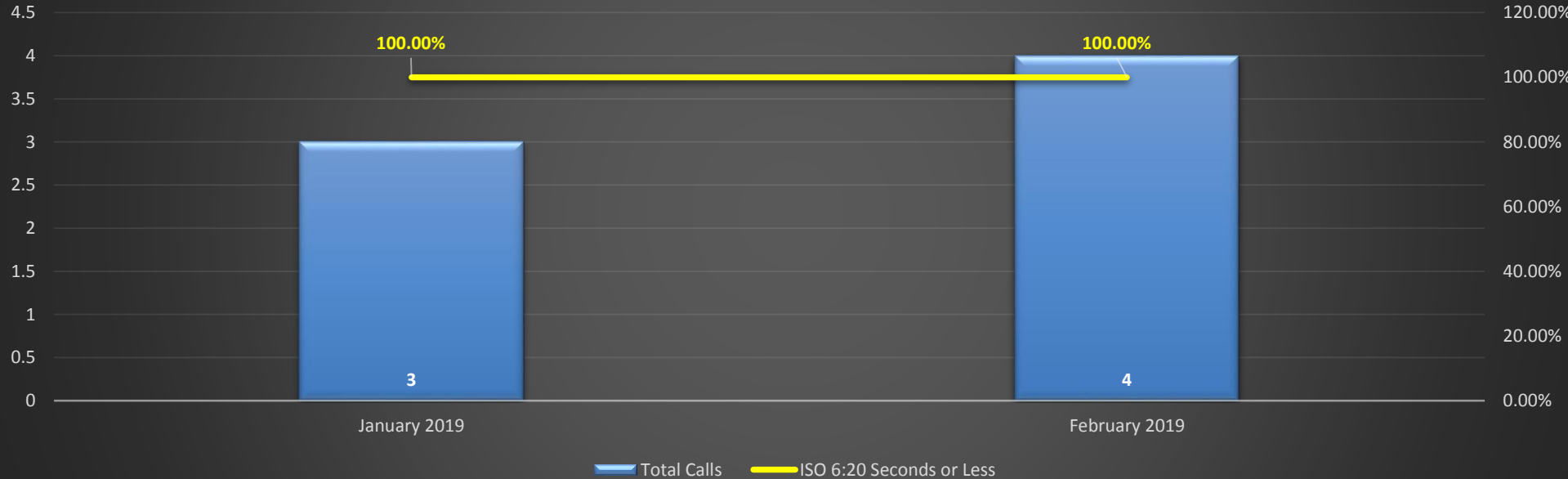
Current Period:
02/01/2019 - 02/28/2019



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

➤ Outstanding work, District 2

Maintain proficiency.

➤ Effective emergency response.

EMS Response Scorecard

District 2

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



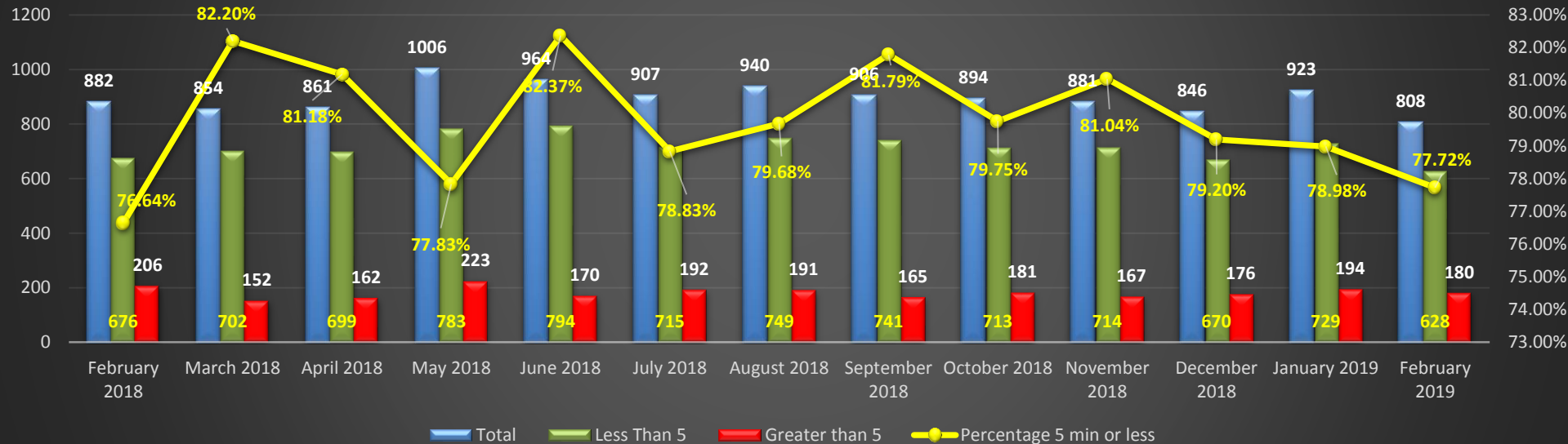
Data Source:
Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

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

➤ 1 point increase in performance when compared to same period last year.

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 ISO standards.

Data Source: Firehouse Software

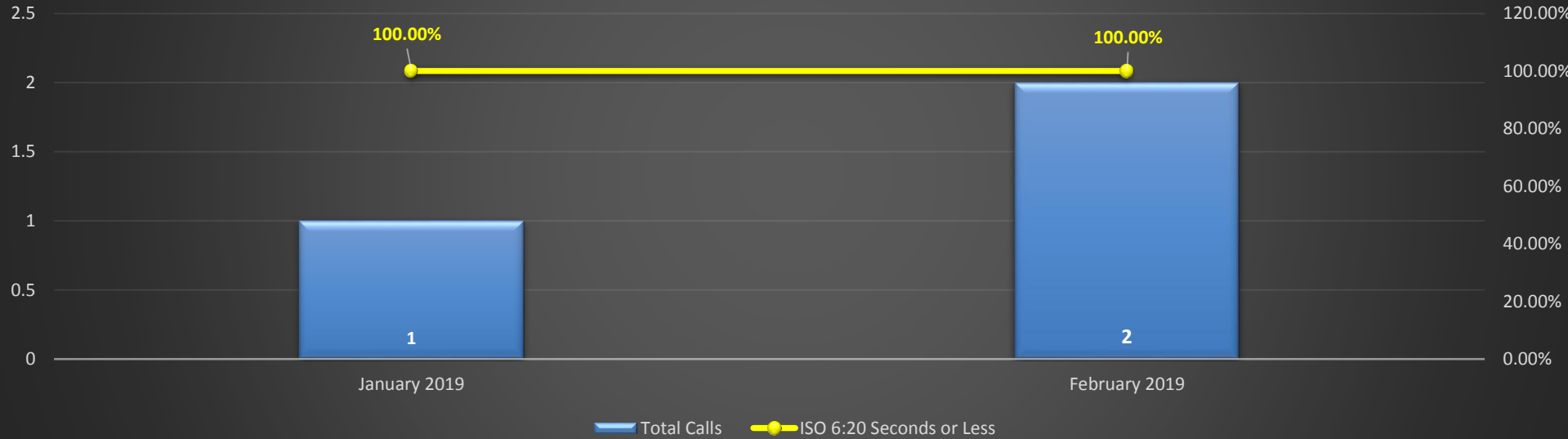
Current Period:
02/01/2019 - 02/28/2019



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.

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

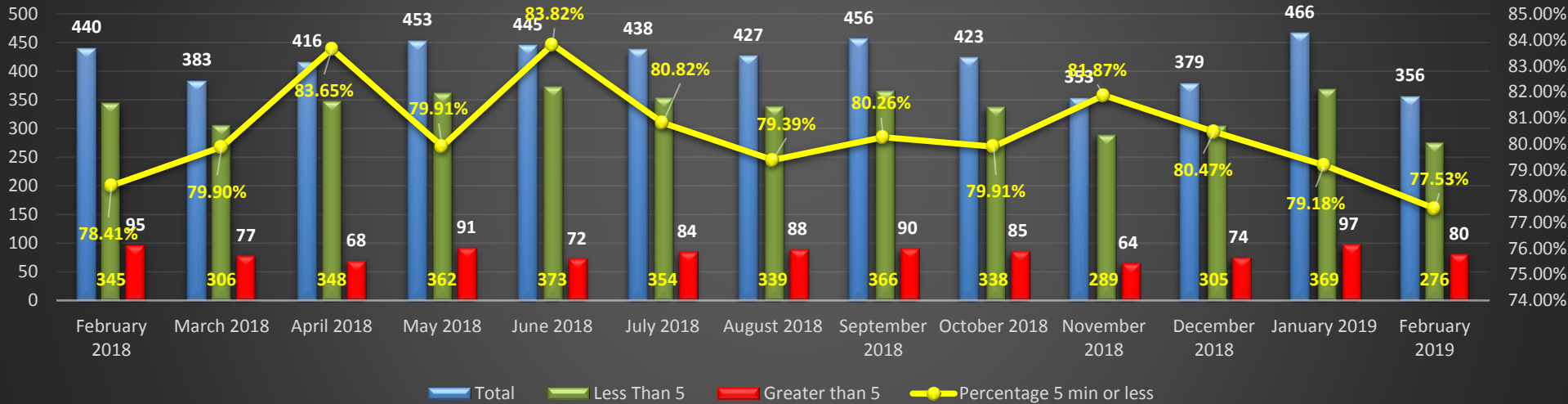
Current Period:
02/01/2019 - 02/28/2019



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

➤ Responded to less calls for service than the same period last year.

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

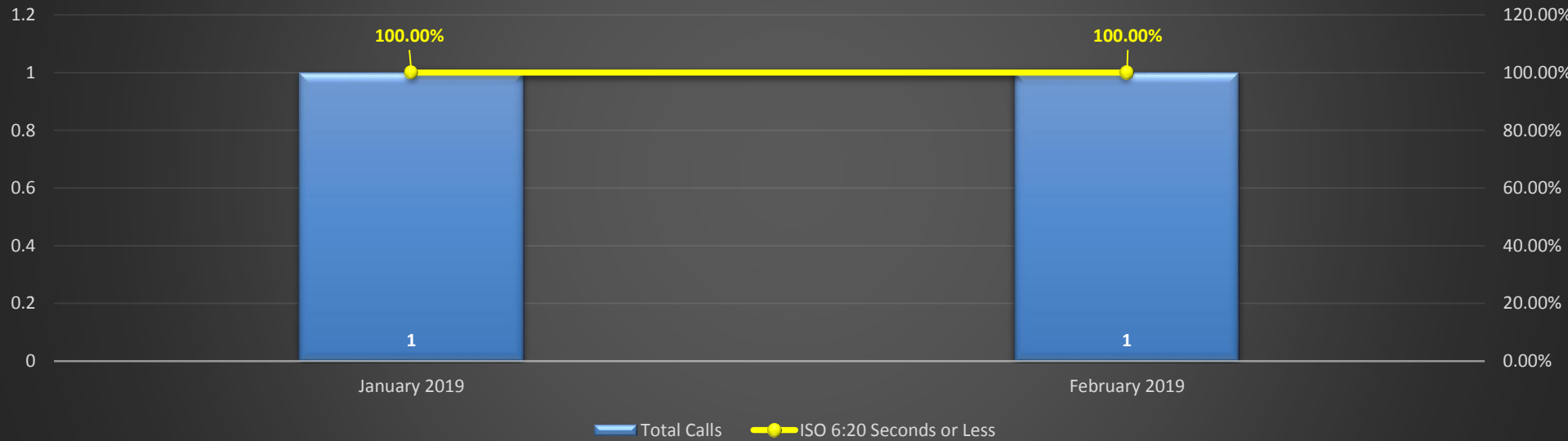
Current Period:
02/01/2019 - 02/28/2019



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

Outstanding work, Tour B.

➤ 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

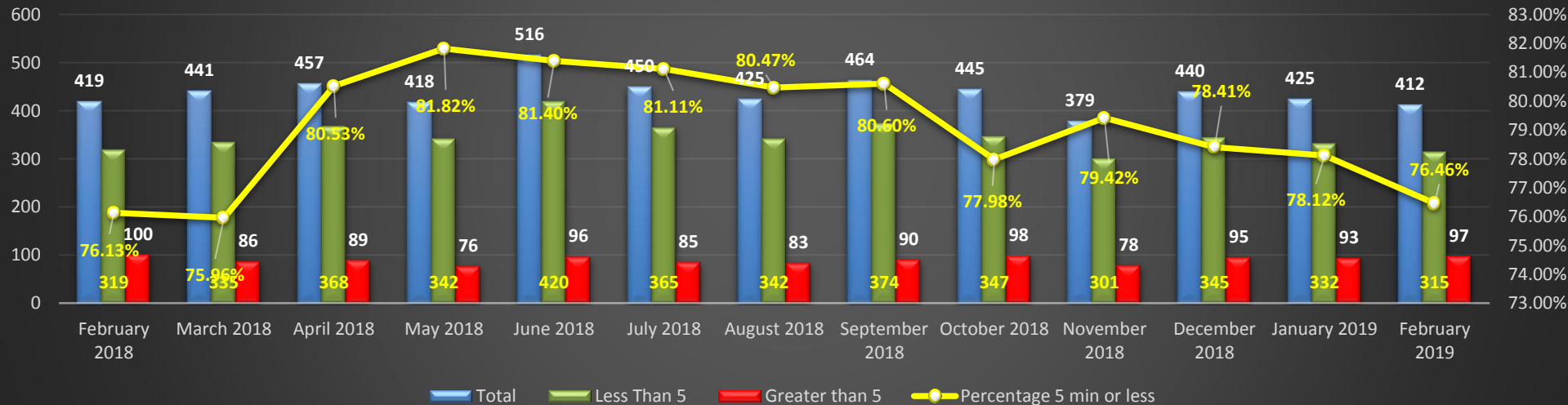
Current Period:
02/01/2019 - 02/28/2019



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

➤ Responded to less EMS calls when compared to same period last year but had a higher 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

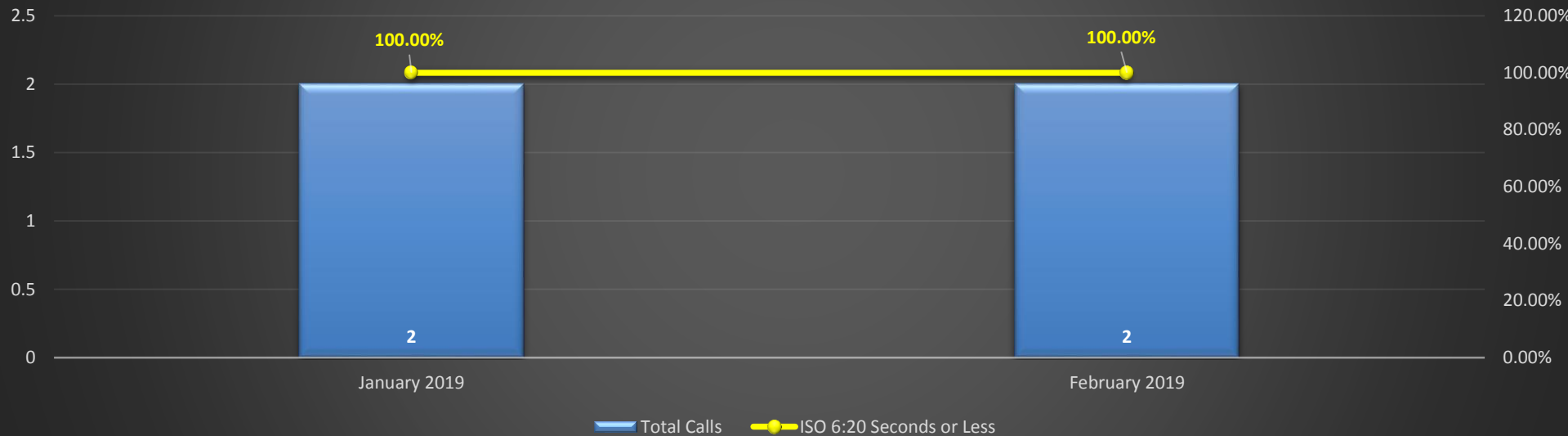
Current Period:
02/01/2019 - 02/28/2019



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 work, Tour C

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.



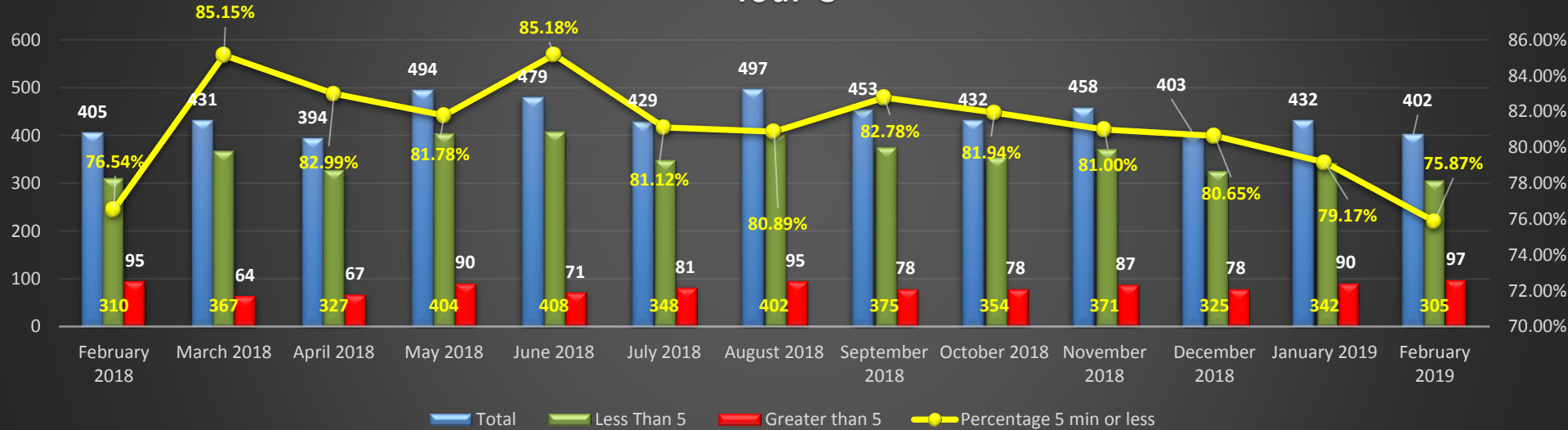
Data Source:
Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

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

➤ Tour C responded to less calls for EMS service when compared to same period last year.

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

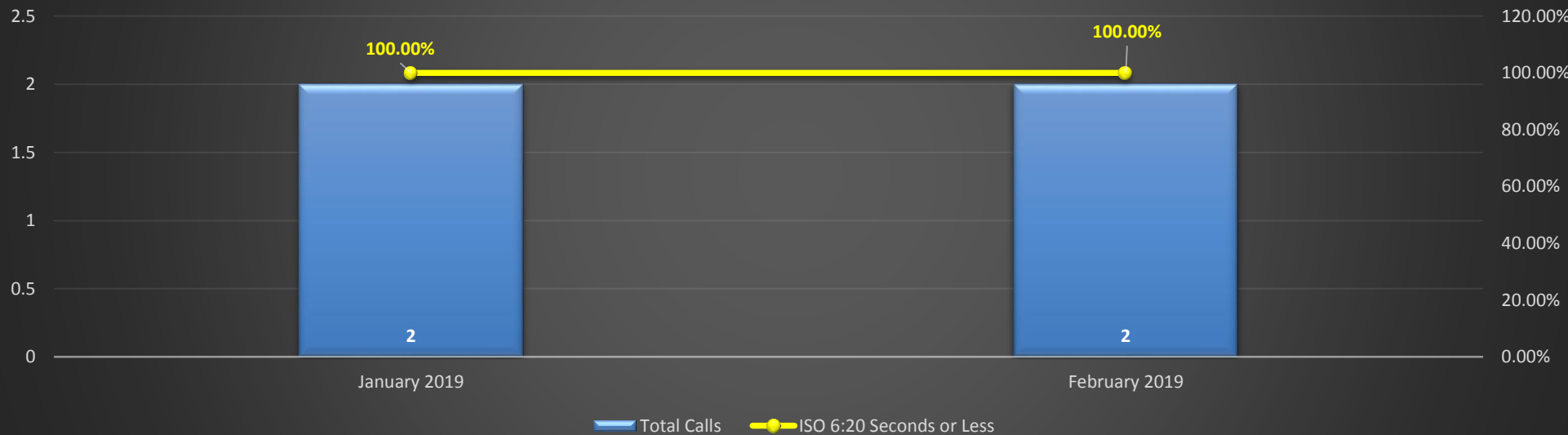
Current Period:
02/01/2019 - 02/28/2019



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

➤ Great job 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.



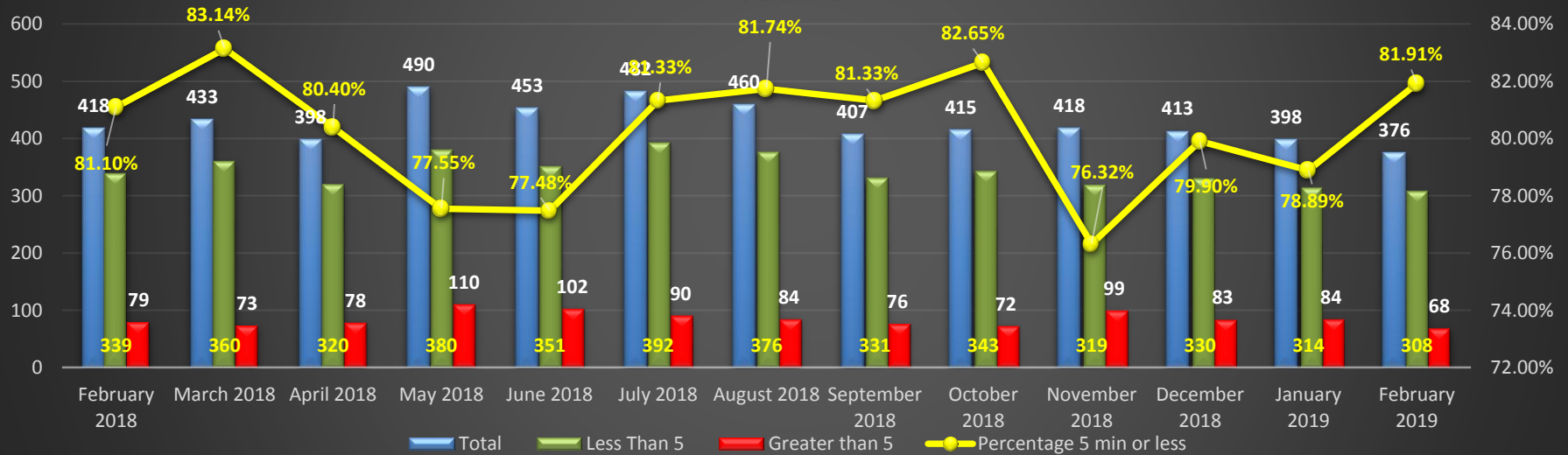
Data Source:
Firehouse Software

Current Period:
02/01/2019 - 02/28/2019

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

➤ Responded to less calls for service when compared to same period last year; however, compliance has increased.

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.

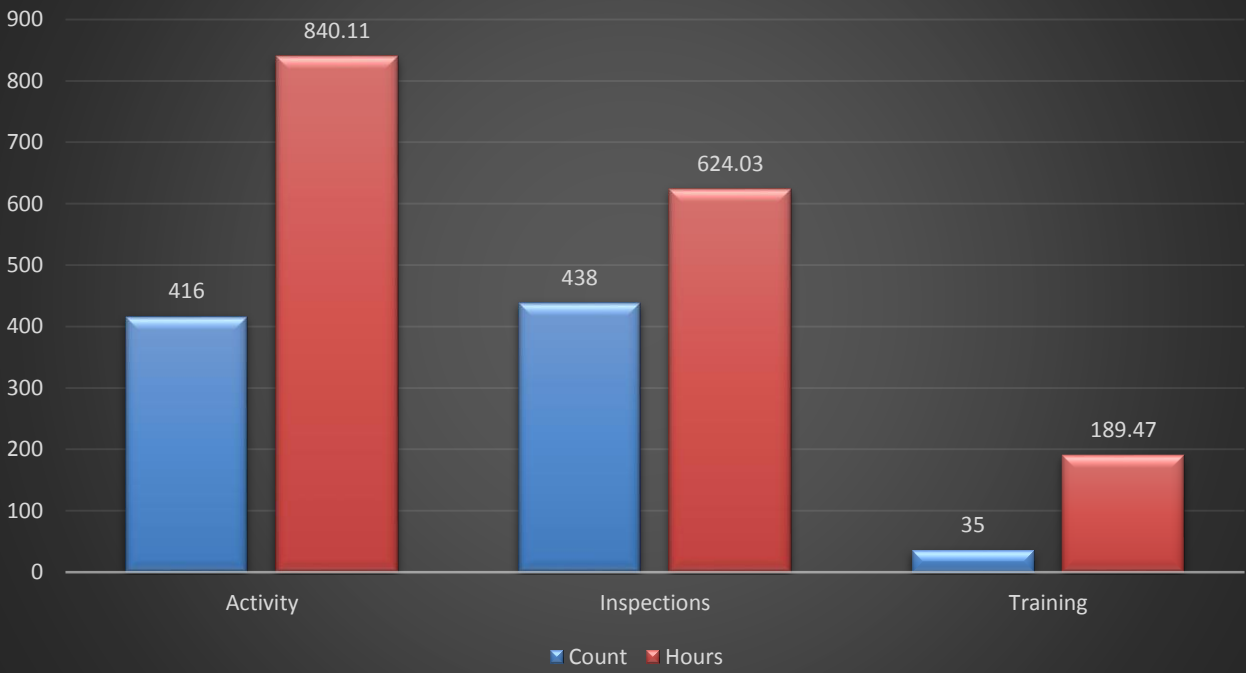
Data Source: HFD Firehouse Software

Current Period: 02/01/2019 - 02/28/2019

HISTORICAL ANALYSIS

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

Fire Marshal Office



Attendance

Total Hours Working:	1653.61	Off Duty:	760
Total Hours on Duty	1792.75	Percentage Account For:	92.24%

Recommendations

✓ Outstanding work for FMO.

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:
02/01/2019 - 02/28/2019

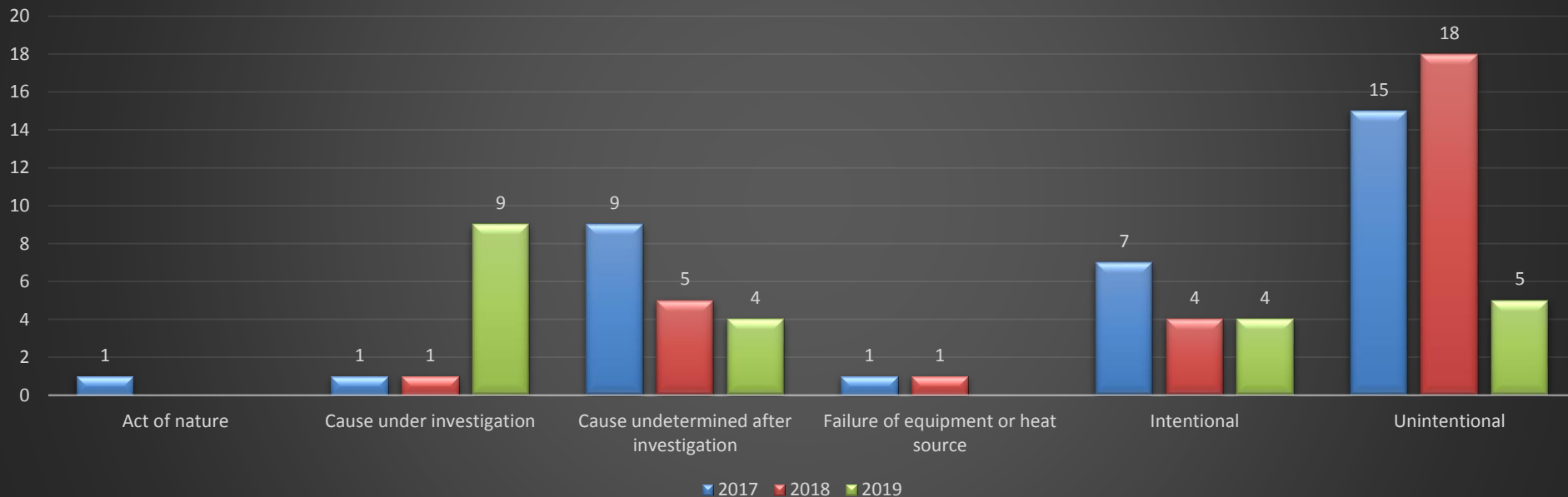


HFD Strategic Priorities:

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 February



Analysis

Recommendations

Impact

➤ 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.

✓ 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.

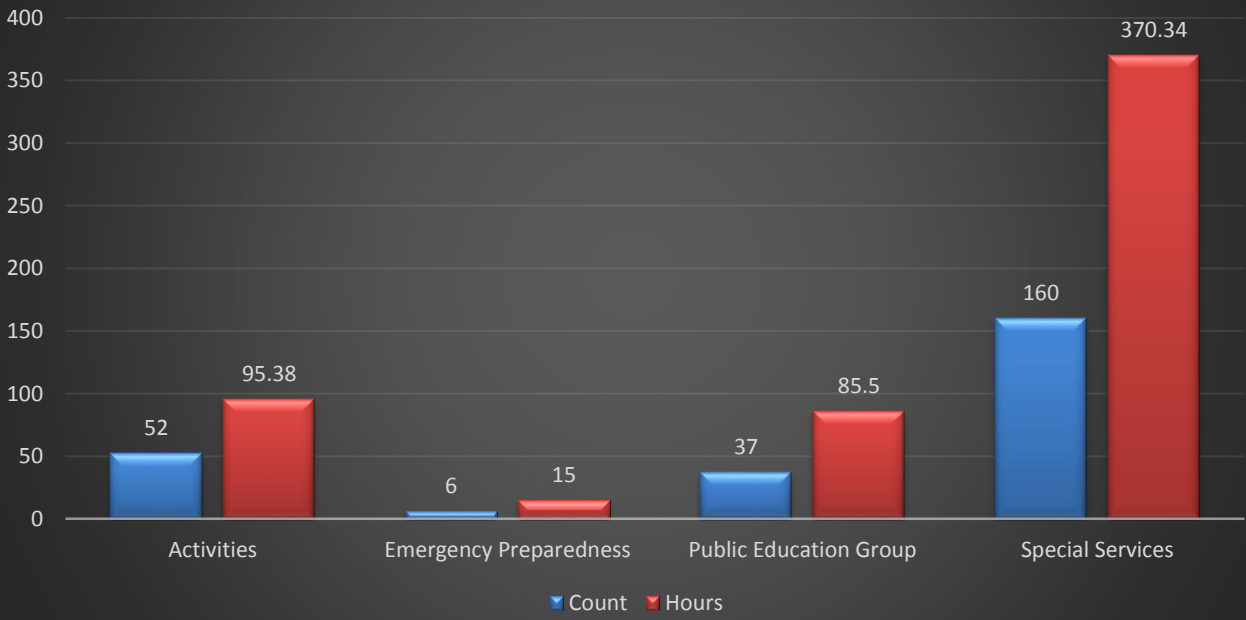
Data Source: HFD Firehouse Software

Current Period: 02/01/2019 - 02/28/2019

HISTORICAL ANALYSIS

Reporting Period	01/19	02/19	
Total Activities	293	255	
Total Adults	1614	1738	
Total Children	776	578	
Smoke Detector	70	6	
Car Seats	4	52	

Special Services



Attendance

Total Hours Working:	566.22	Off Duty:	20
Total Hours on Duty:	570.5	Percentage Account For:	99.25%

Recommendations

Excellent work, SSU.

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.

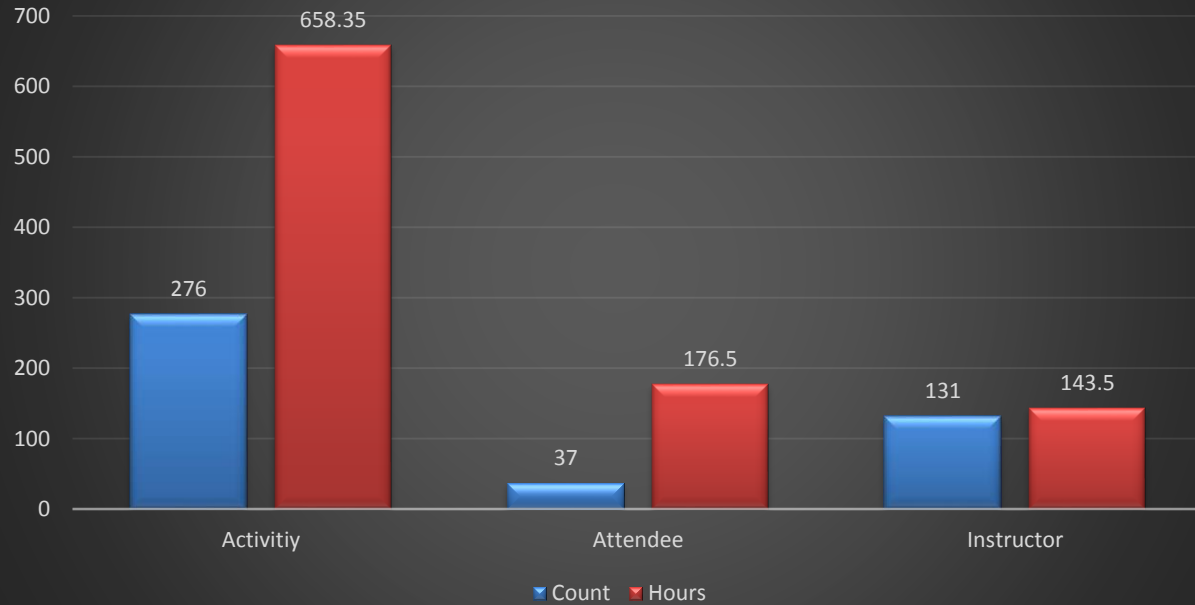
Data Source: HFD Firehouse Software

Current Period: 02/01/2019 – 02/28/2019

HISTORICAL ANALYSIS



Training Division



Attendance

Recommendations

Impact

Total Working Hours:	978.35	Total Hours Off:	381.5
Total Hours on Duty:	997	Hours Accounted For:	98.13%

Excellent 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.

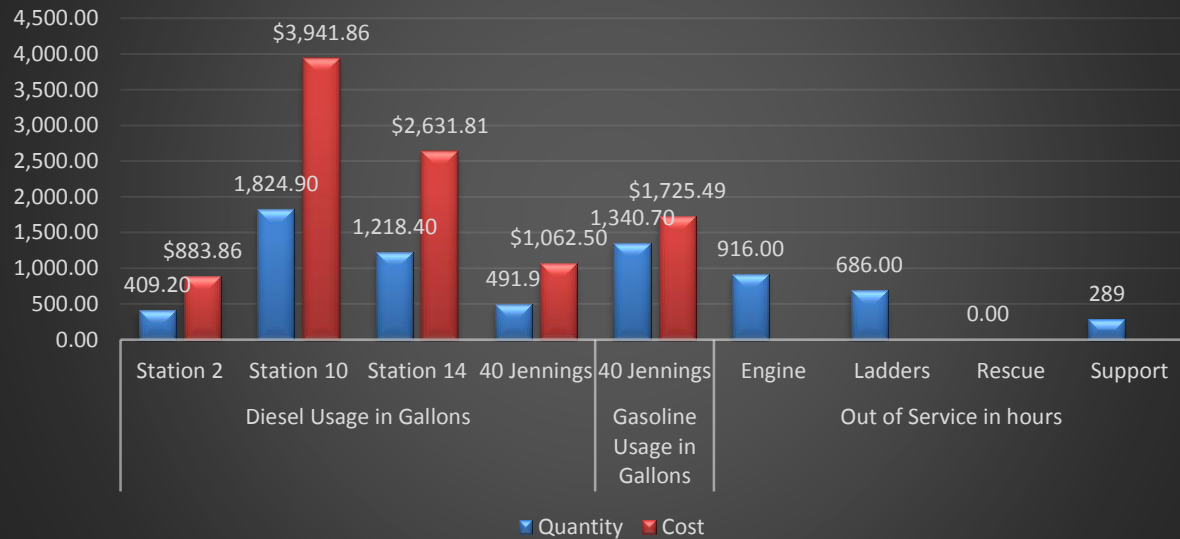
Data Source: HFD Firehouse Software

Current Period: 02/01/2019 – 02/28/2019

HISTORICAL ANALYSIS

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

Equipment Maintenance Division February 2019



Attendance

Total Working Hours:	1192.35	Total Hours Off:	70
Total Hours on Duty:	1195.5	Hours Accounted For:	99.74%

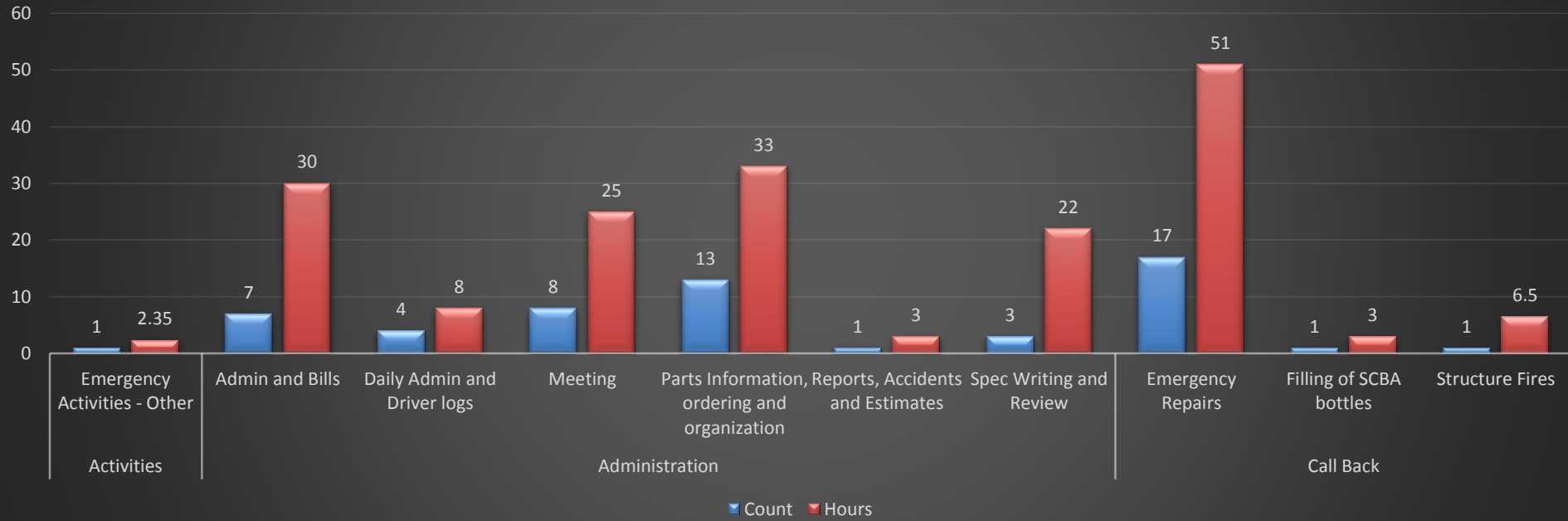
Recommendations

➤ When is fuel tank being pulled from Station 2? What is the basis of the out of service hours?

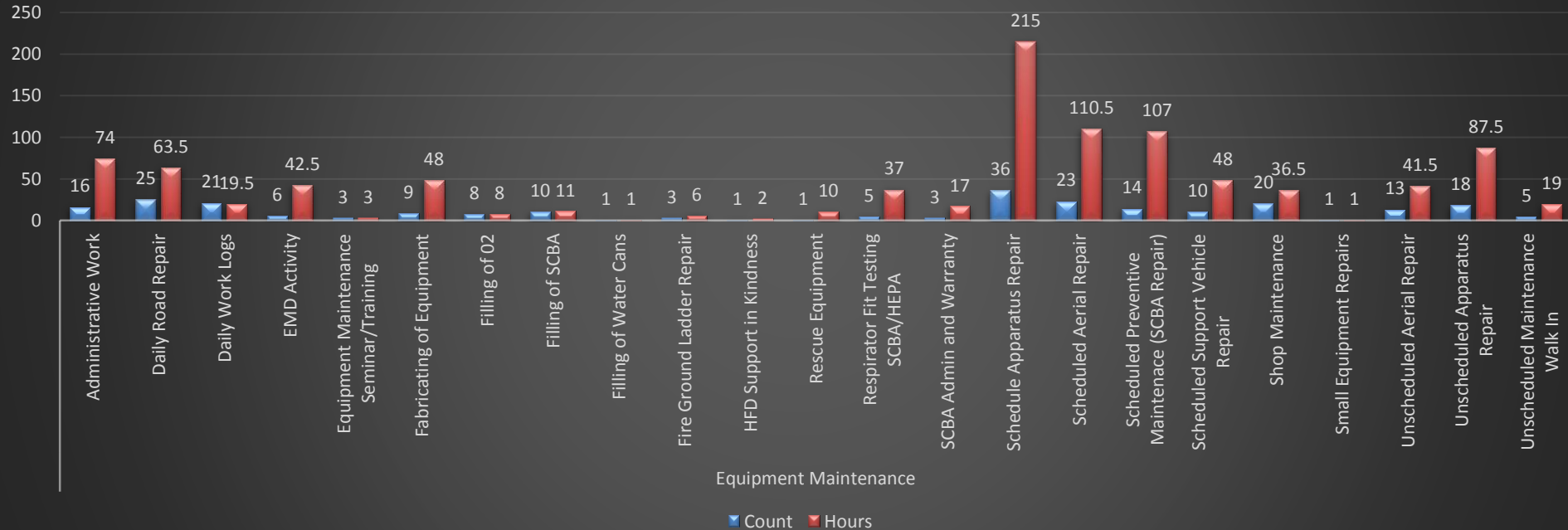
Impact

- 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.

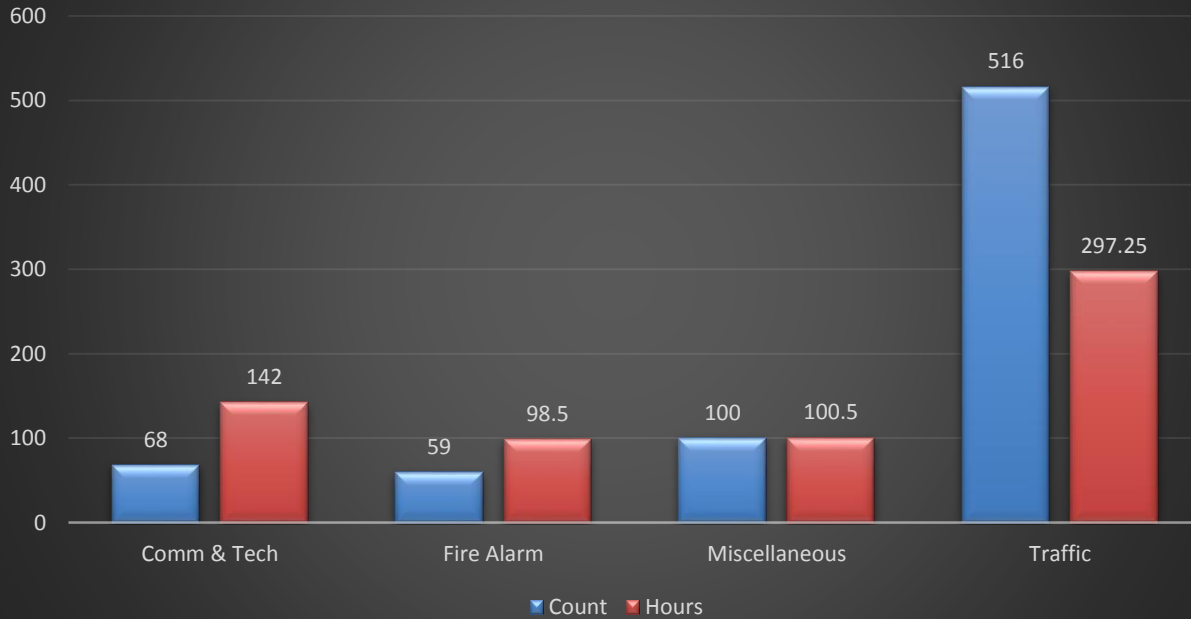
Data Source: HFD Firehouse Software

Current Period: 02/01/2019 – 02/28/2019

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

Fire Alarm Communications Technology



Attendance

Total Working Hours:	638.25	Total Hours Off:	60
Total Hours on Duty:	667.75	Hours Accounted For:	95.58%

Recommendations

✓ Excellent work.

Impact

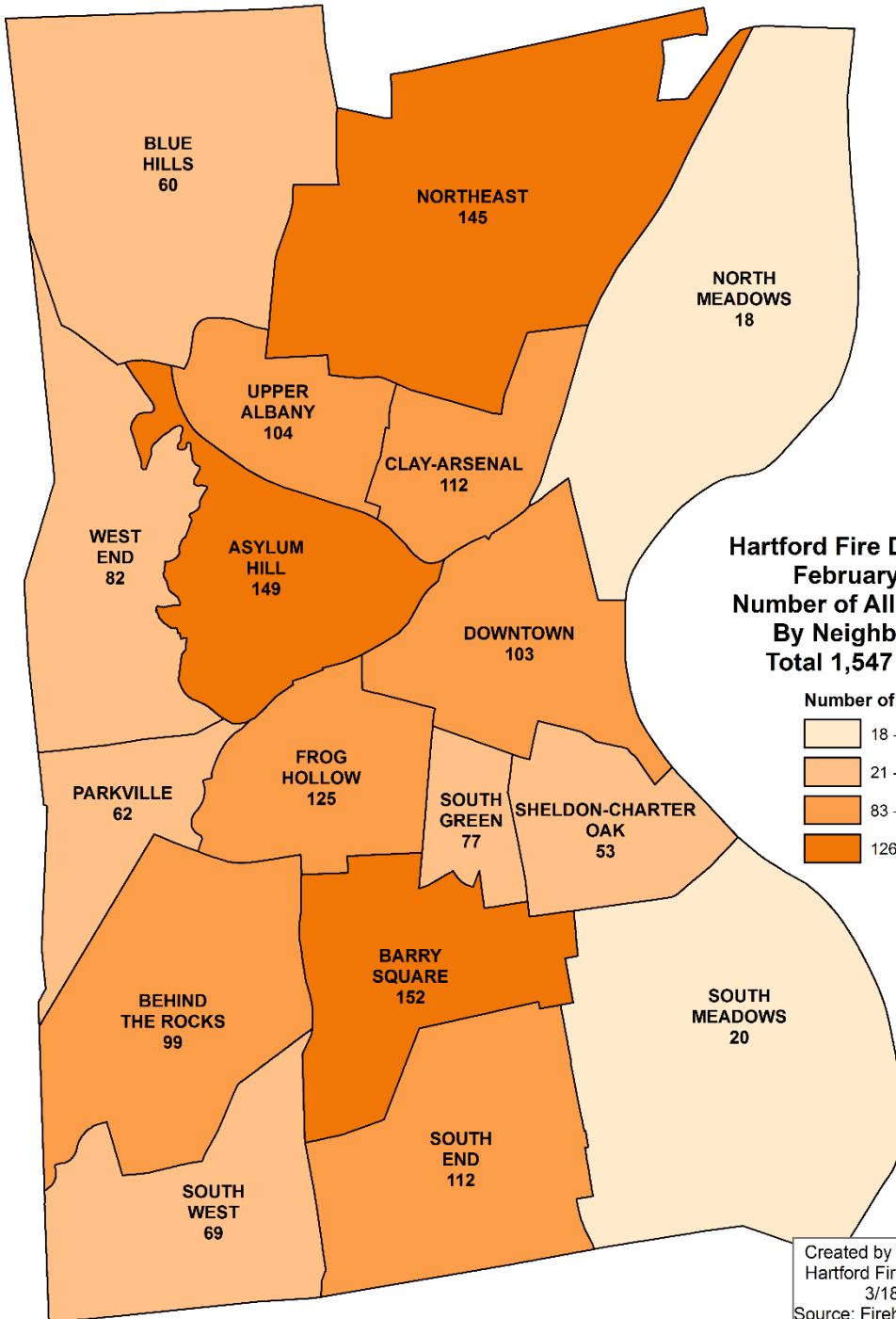
- IS&IT execution of relevant duties and responsibilities.

EMERGENCY RESPONSE DATA

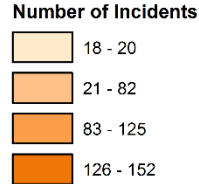


"Goal Oriented, Results Driven"

EMS Calls February 2019



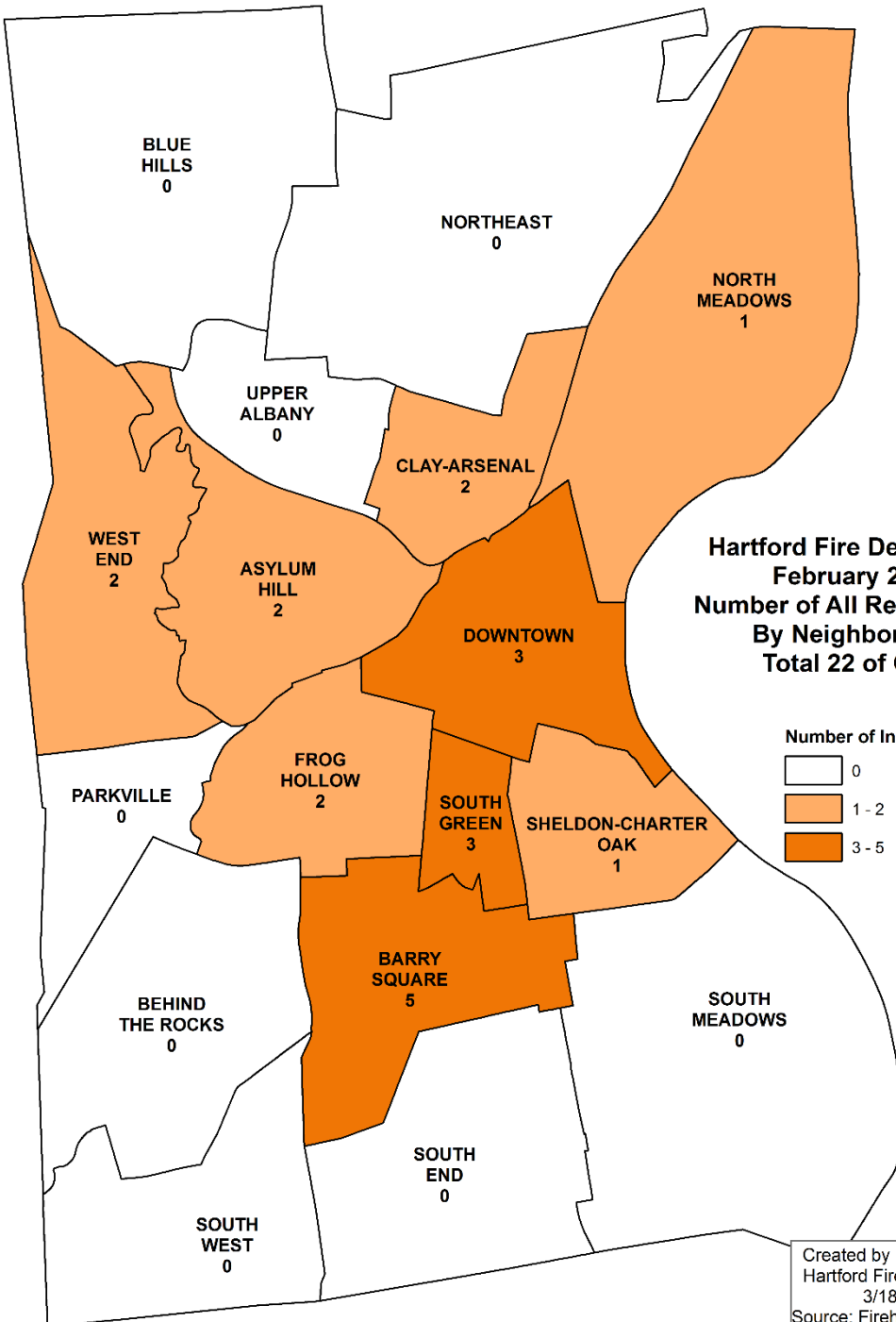
**Hartford Fire Department
February 2019
Number of All EMS Calls
By Neighborhood
Total 1,547 of Calls**



Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded 1,542
Not Geocoded: 5

Incident Type	Description	Incident Count
321	EMS call, excluding vehicle accident with injury	960
311	Medical assist, assist EMS crew	442
324	Motor Vehicle Accident with no injuries	59
322	Motor vehicle accident with injuries	57
300	Rescue, EMS incident, other	22
323	Motor vehicle/pedestrian accident (MV Ped)	5
320	Emergency medical service, other	2

Rescue Calls February 2019



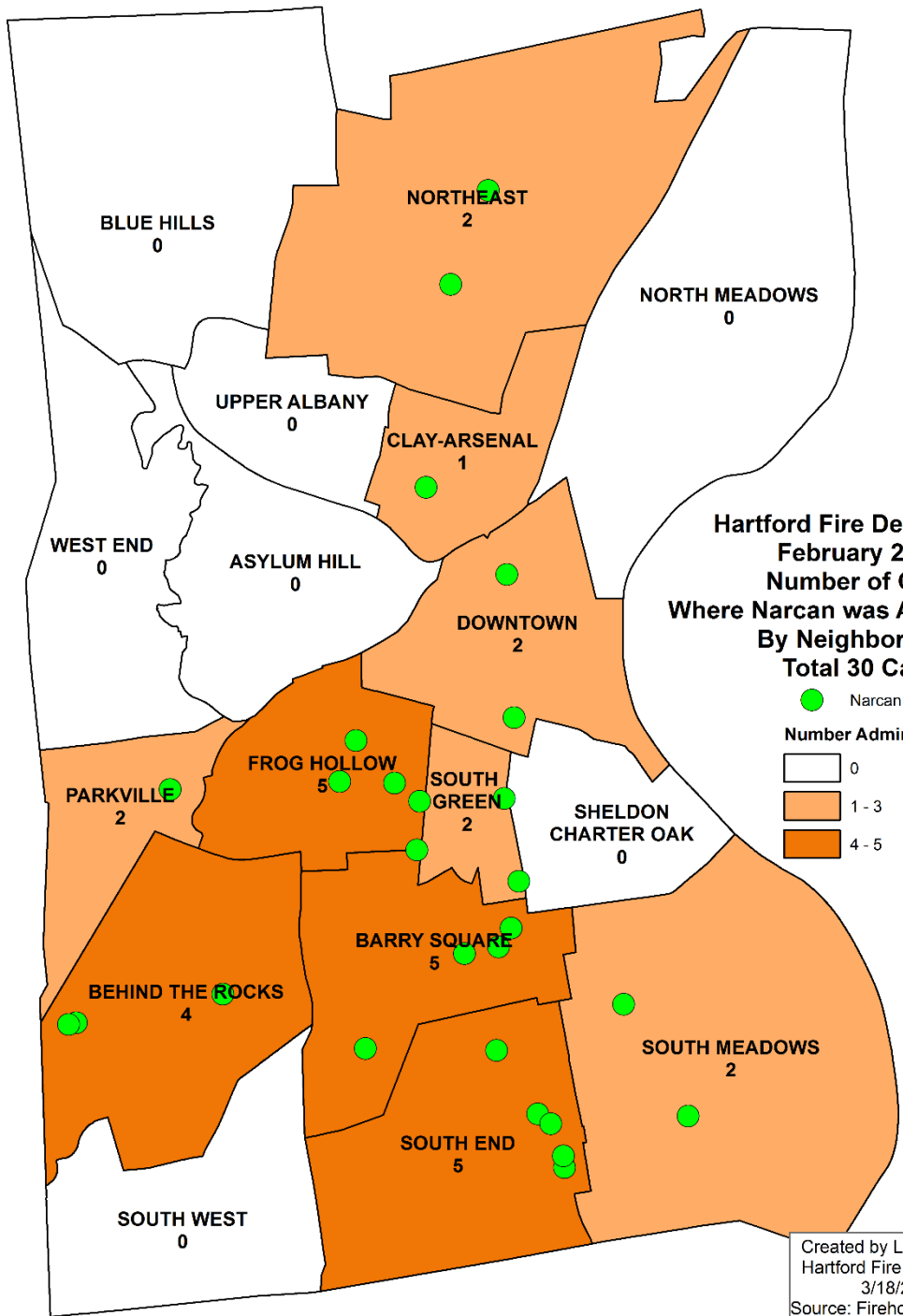
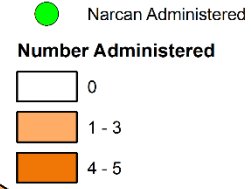
Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 21
Not Geocoded: 1

Incident Type	Description	Incident Count
353	Removal of victim(s) from stalled elevator	13
352	Extrication of victim(s) from vehicle	4
331	Lock-in (if lock out , use 511)	2
381	Rescue or EMS standby	2
350	Extrication, rescue, Other	1

Narcan Administered February 2019

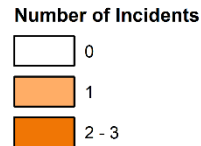
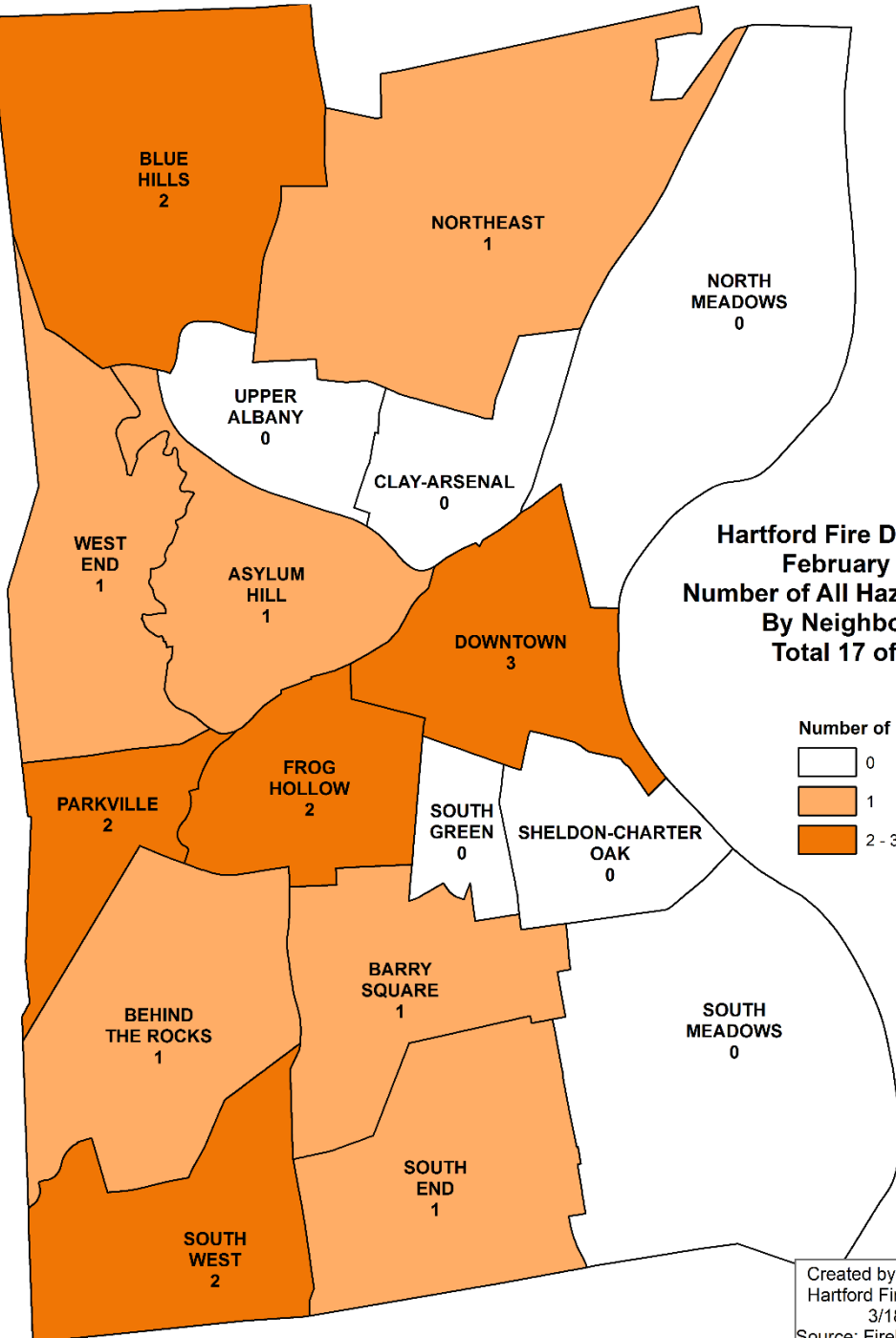


**Hartford Fire Department
February 2019
Number of Calls
Where Narcan was Administered
By Neighborhood
Total 30 Calls**



Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 30
Not Geocoded: 0

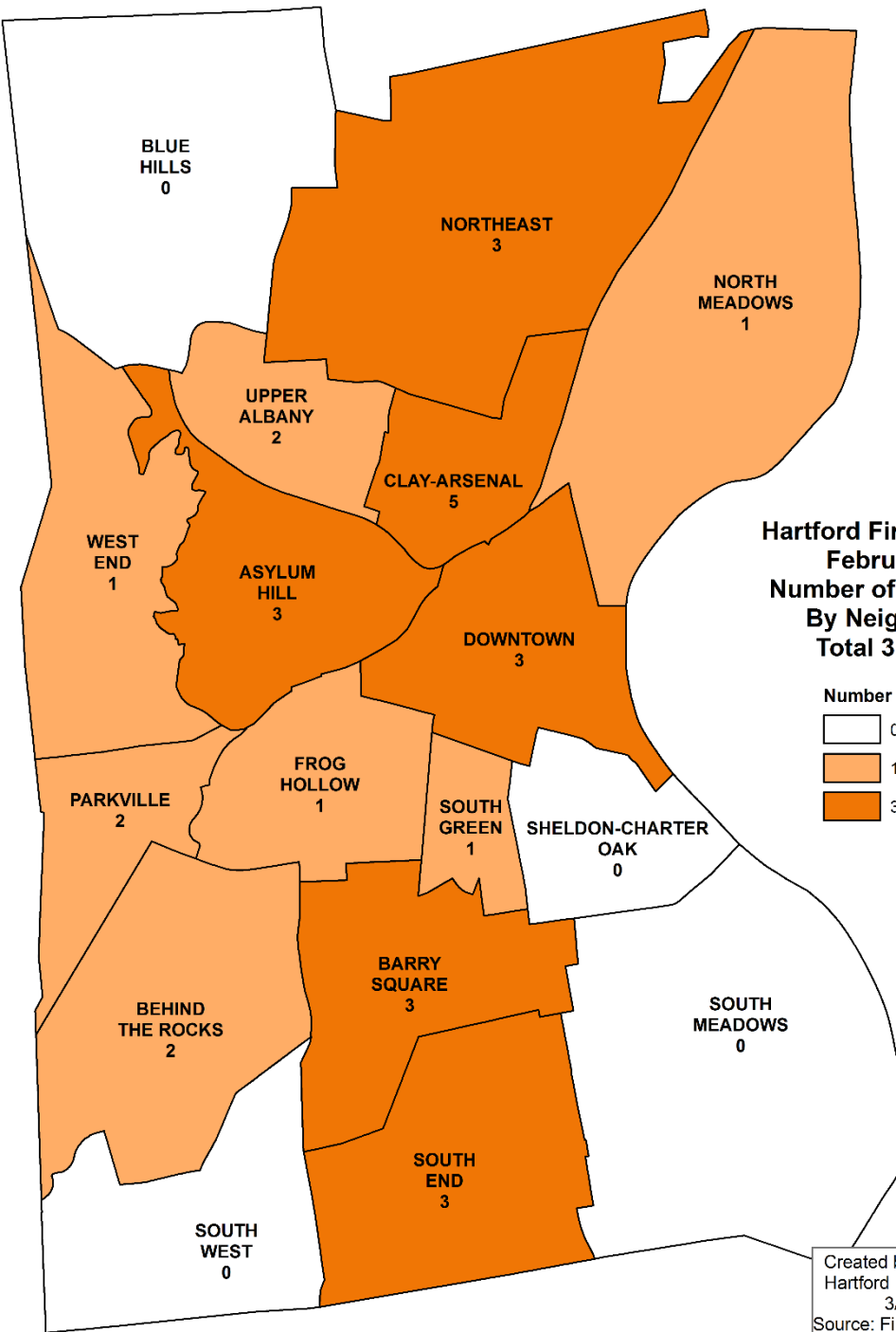
Hazardous Materials February 2019



Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 17
Not Geocoded: 0

Incident Type	Description	Incident Count
412	Gas leak (natural gas or LPG)	4
424	Carbon monoxide incident	3
400	Hazardous condition, Other	2
410	Combustible/flammable gas/liquid condition, other	2
421	Chemical hazard (no spill or leak)	2
463	Vehicle accident, general cleanup	1
460	Accident, potential accident, Other	1
422	Chemical spill or leak	1
411	Gasoline or other flammable liquid spill	1

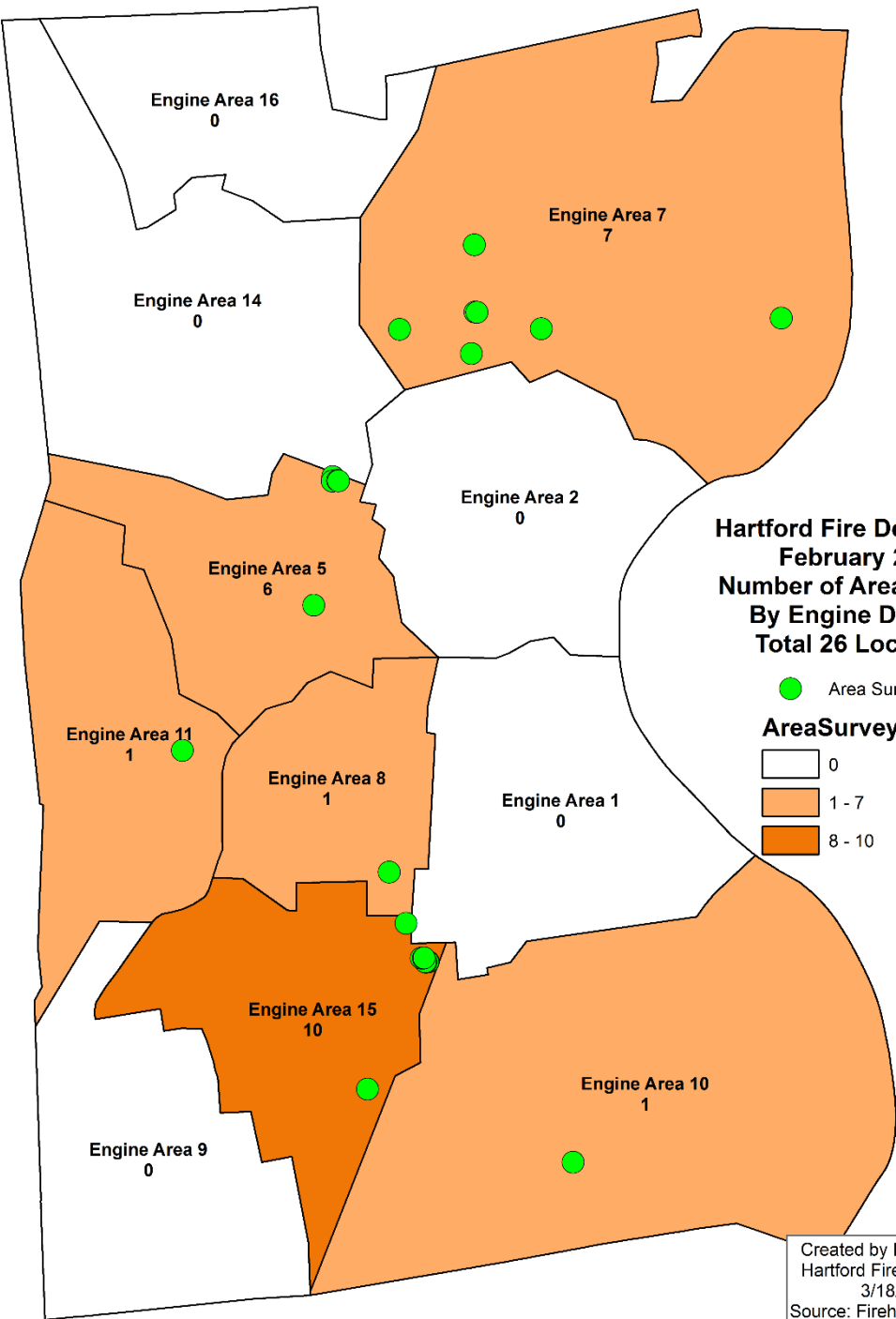
All Fires February 2019



Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 30
Not Geocoded: 0

Incident Type	Description	Incident Count
131	Passenger vehicle fire	9
111	Building fire	7
118	Trash or rubbish fire, contained	3
151	Outside rubbish, trash or waste fire	2
154	Dumpster or other outside trash receptacle fire	2
113	Cooking fire, confined to container	2
160	Special outside fire, Other	1
130	Mobile property (vehicle) fire, Other	1
116	Fuel burner/boiler malfunction, fire confined	1
150	Outside rubbish fire, Other	1
142	Brush or brush-and-grass mixture fire	1

Area Survey February 2019



**Hartford Fire Department
February 2019
Number of Area Surveys
By Engine Districts
Total 26 Locations**

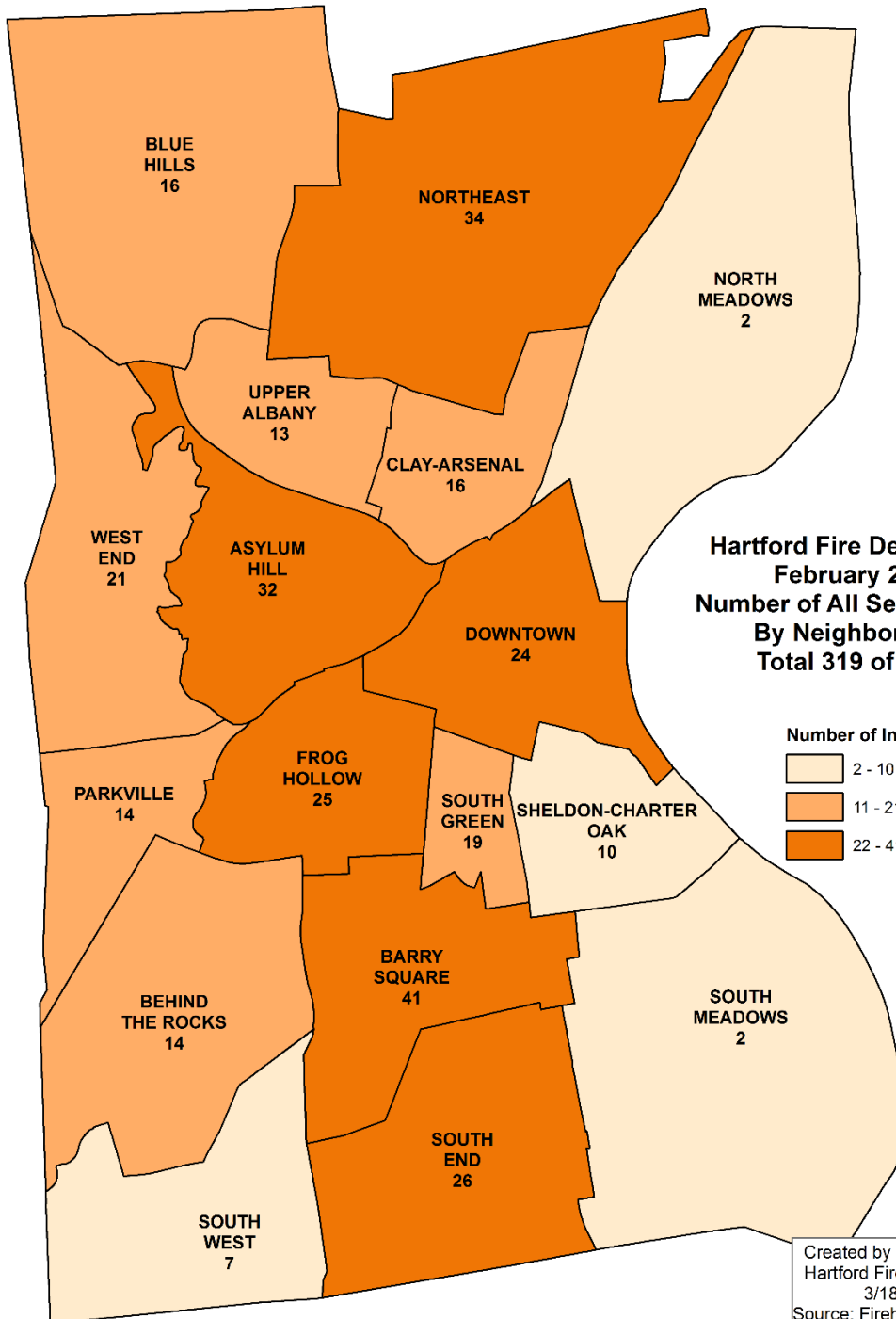
● Area Survey Locations

AreaSurvey

- 0
- 1 - 7
- 8 - 10

Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 26
Not Geocoded: 0

Service Calls February 2019

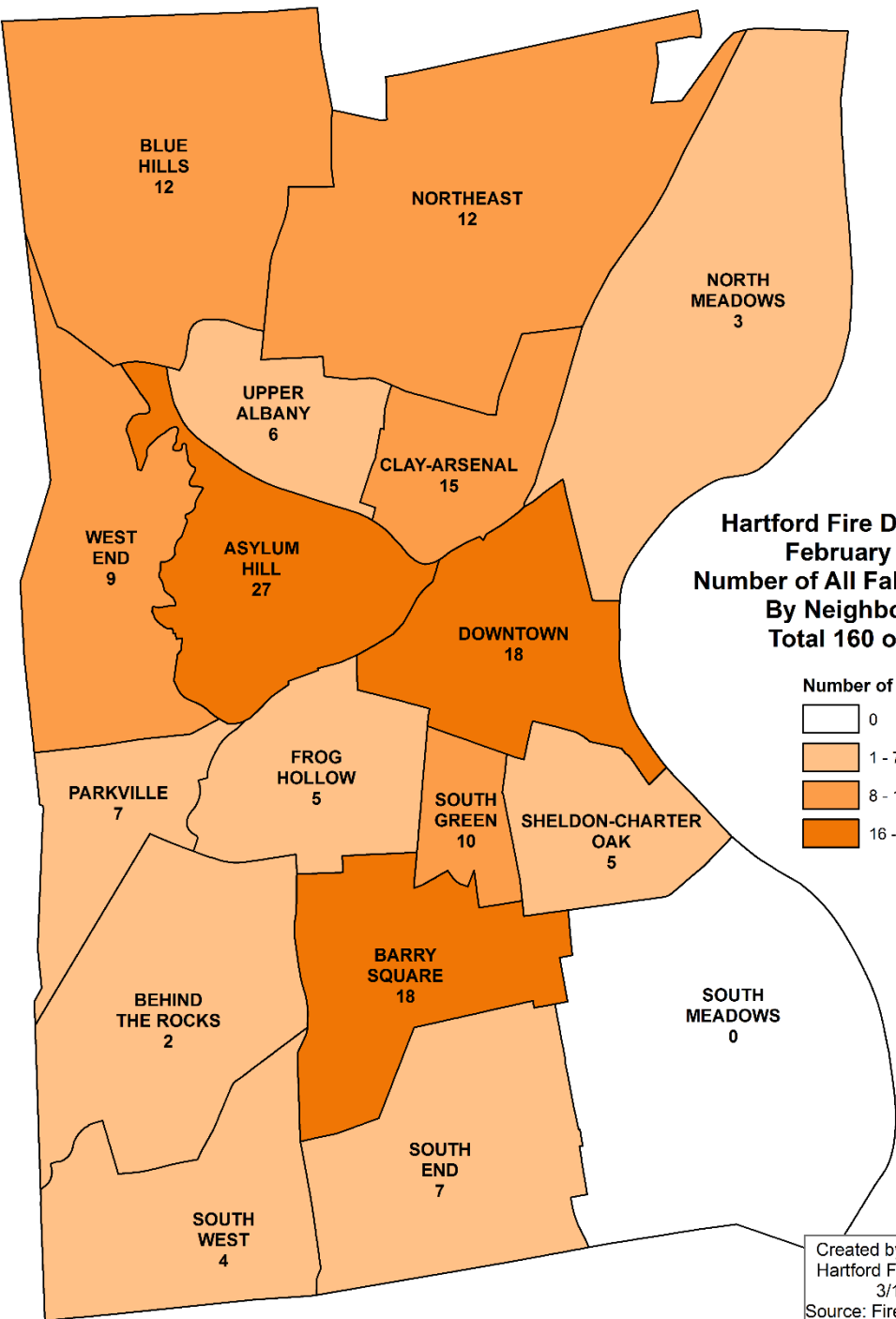


Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 316
Not Geocoded: 3

Incident Type	Description	Incident Count
552	Police matter	71
531	Smoke or odor removal	51
500	Service Call, other	48
510	Person in distress, Other	29
553	Public service	26
520	Water problem, Other	23
550	Public service assistance, Other	16
440	Electrical wiring/equipment problem, Other	15
444	Power line down	10
511	Lock-out	8
522	Water or steam leak	8
571	Cover assignment, standby, moveup	3
555	Defective elevator, no occupants	3
445	Arcing, shorted electrical equipment	3
554	Assist invalid	2
442	Overheated motor	2
551	Assist police or other governmental agency	1

Fire Alarms

February 2019

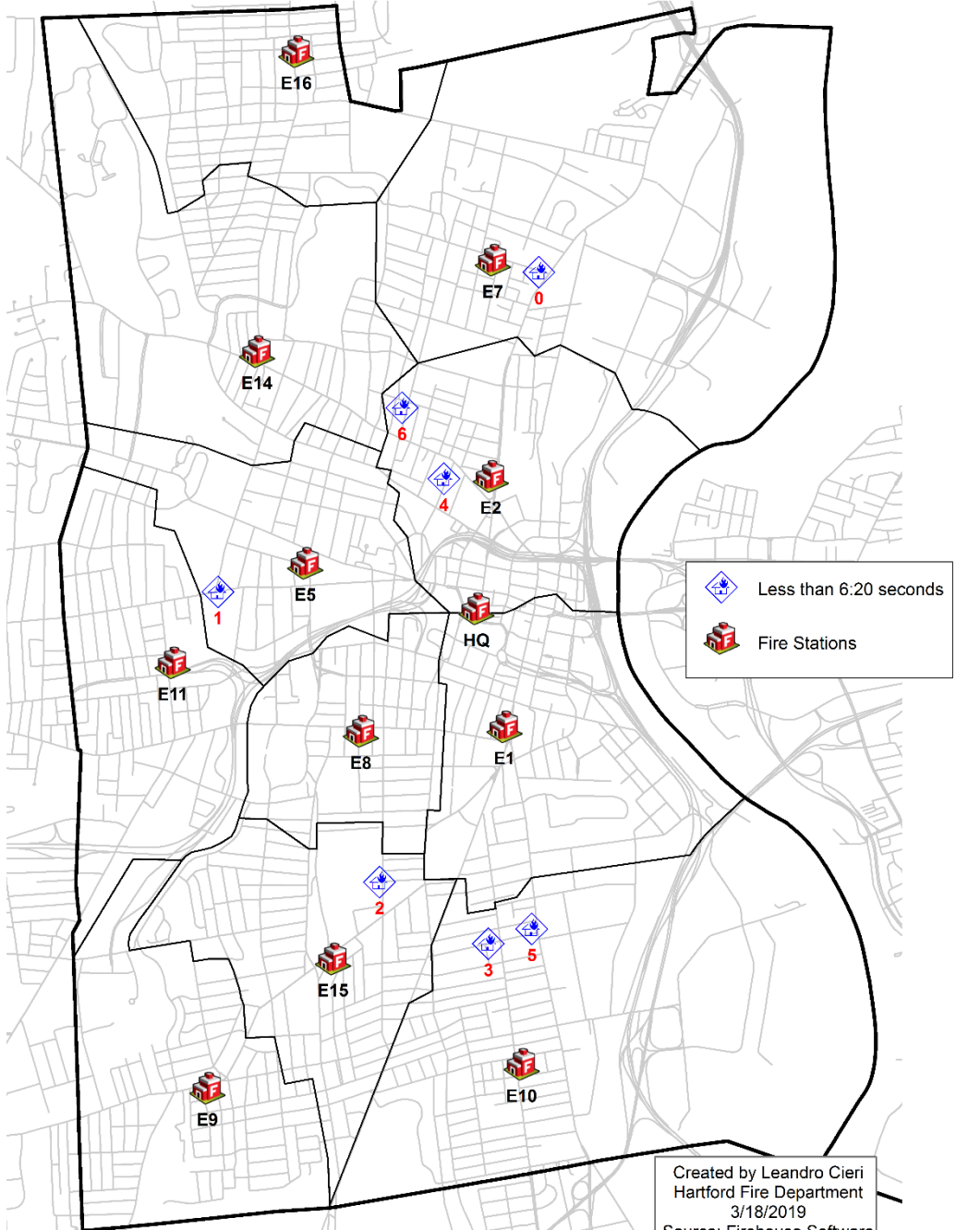




Created by Leandro Cieri
Hartford Fire Department
3/18/2019
Source: Firehouse Software
Geocoded: 160
Not Geocoded: 0

Incident Type	Description	Incident Count
745	Alarm system activation, no fire - unintentional	58
743	Smoke detector activation, no fire - unintentional	30
740	Unintentional transmission of alarm, Other	24
710	Malicious, mischievous false call, Other	8
735	Alarm system sounded due to malfunction	8
733	Smoke detector activation due to malfunction	7
741	Sprinkler activation, no fire - unintentional	6
736	CO detector activation due to malfunction	5
730	System malfunction, Other	4
744	Detector activation, no fire - unintentional	3
731	Sprinkler activation due to malfunction	2
700	False alarm or false call, Other	2
746	Carbon monoxide detector activation, no CO	1
732	Extinguishing system activation due to malfunction	1
714	Central station, malicious false alarm	1

Location of Structure Fires In Relationship to Fire Stations

Key	Incident Number	Response	Firefighter Fatality	Firefighter Injury	Civilian Fatality	Civilians Injured	Cause
0	19-0033040	0:02:31	0	0	0	0	Flame/torch used for lighting
1	19-0035056	0:03:22	0	0	0	0	Heat from powered equipment, Other
2	19-0042032	0:04:05	0	0	0	0	Heat from powered equipment, Other
3	19-0044042	0:03:40	0	0	0	0	Undetermined
4	19-0050035	0:02:18	0	0	0	0	Undetermined
5	19-0052063	0:03:38	0	0	0	0	Heat source: other
6	19-0058005	0:05:28	0	0	0	0	Undetermined



 Less than 6:20 seconds
 Fire Stations

Created by Leandro Cieri
 Hartford Fire Department
 3/18/2019
 Source: Firehouse Software
 Geocoded: 7
 Not Geocoded: 0

QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"