



City of Hartford
FIRE DEPARTMENT

FIRESTAT

May 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

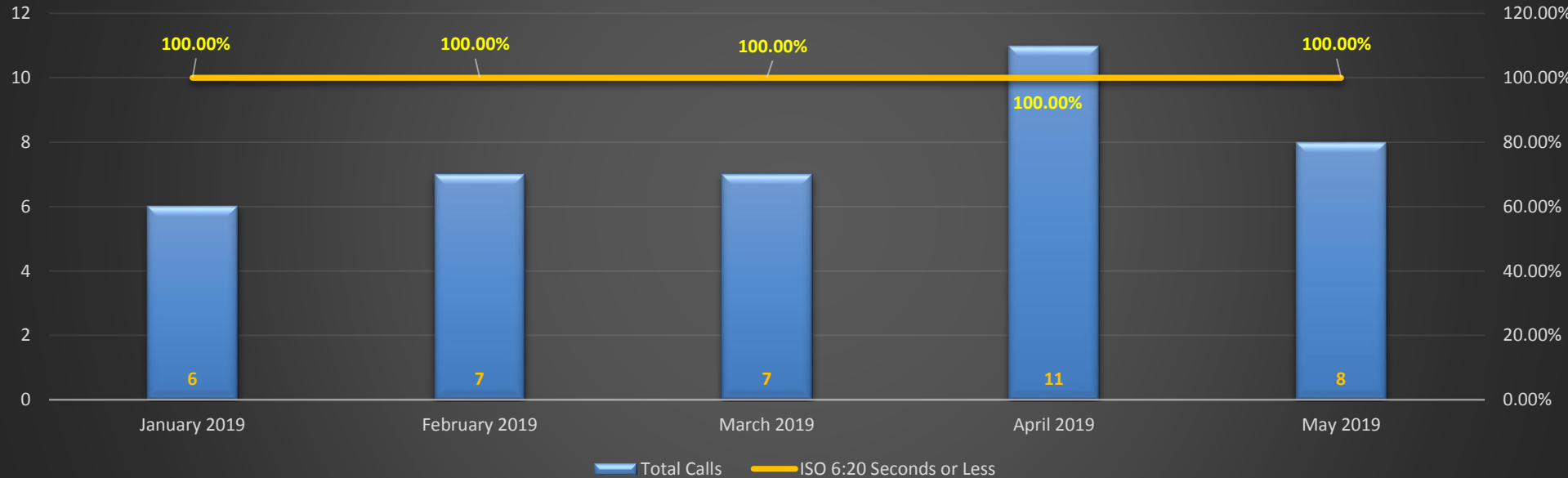
Current Period:
05/01/2019 - 05/31/2019



HFD Strategic Priorities:
Provide Quality Emergency Services

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

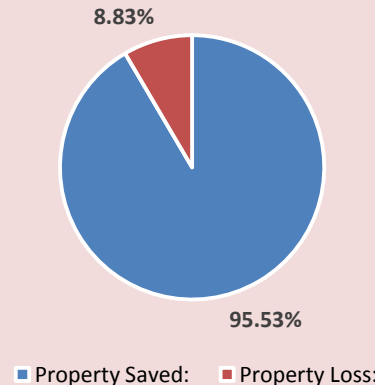
Structure Fires



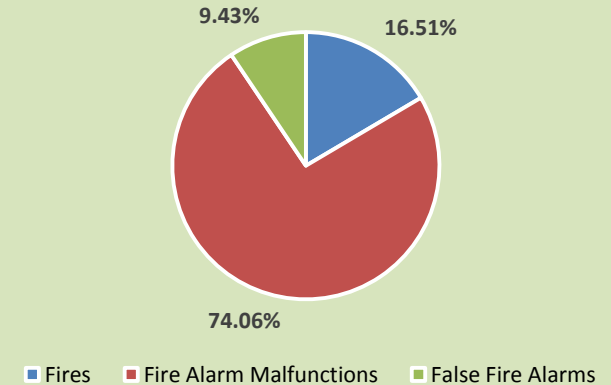
Analysis

➤ Outstanding work by Suppression.

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.



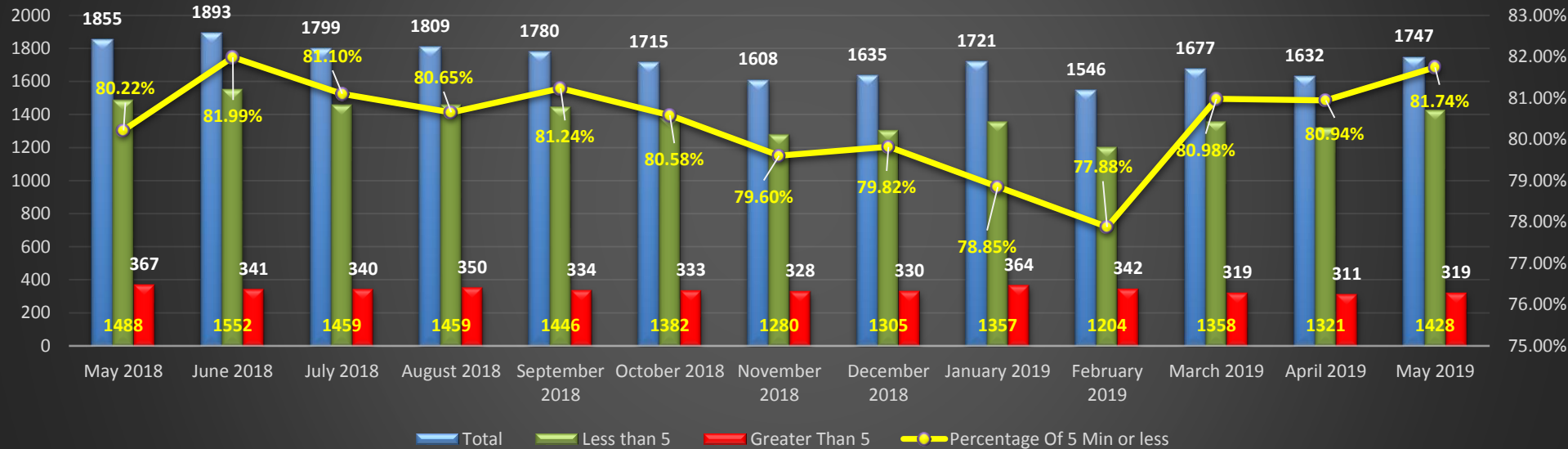
Data Source:
Firehouse Software

Current Period:
05/01/2019 - 05/31/2019

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

➤ Suppression continues to show improvement in our EMS response times. Keep up the great work.

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

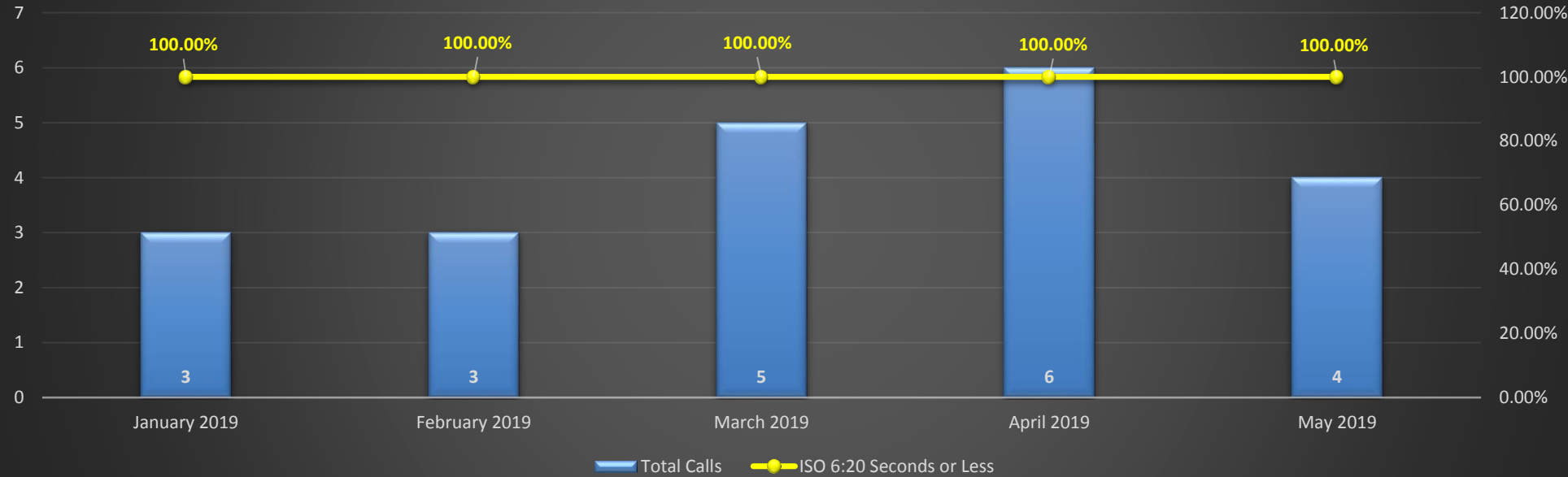
Current Period:
05/01/2019 - 05/31/2019



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

➤ Exceptional effort by companies in 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.



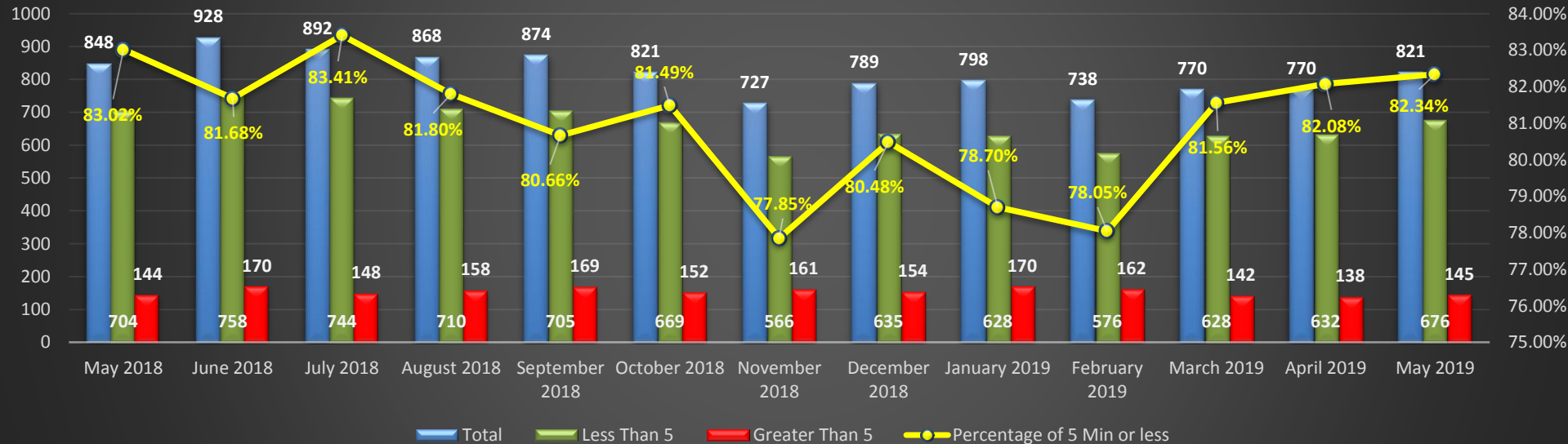
Data Source:
Firehouse Software

Current Period:
05/01/2019 - 05/31/2019

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

District 1 continues to improve their EMS response times. Excellent.

Recommendations

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

Impact

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

Fire Response Scorecard

District 2

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

Data Source: Firehouse Software

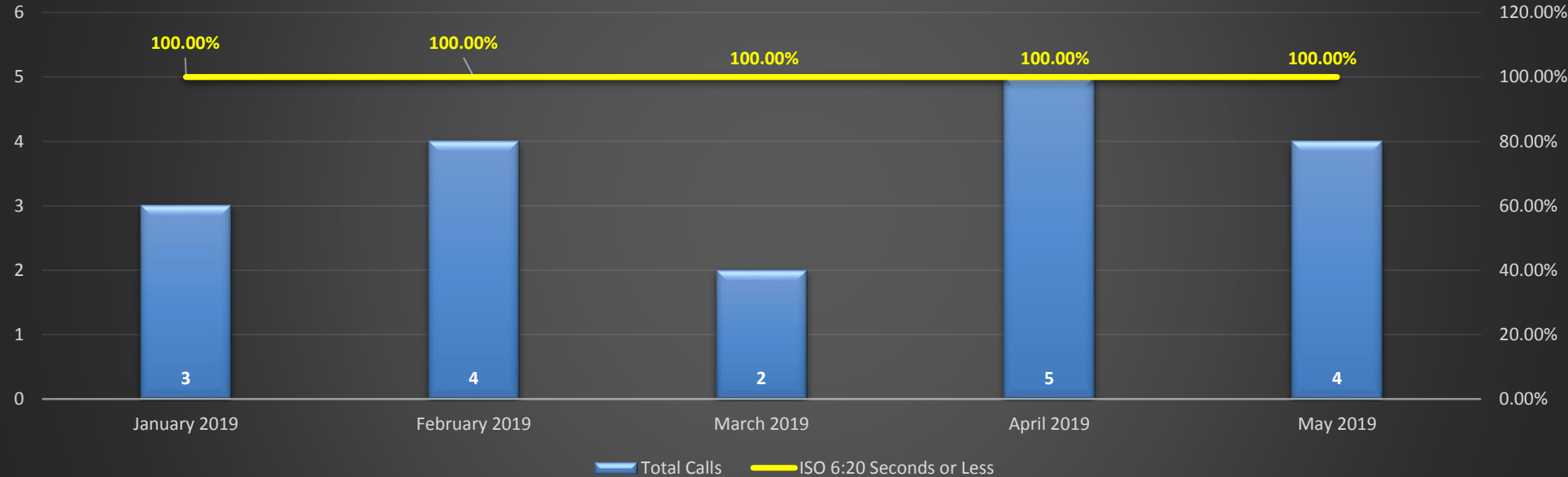
Current Period:
05/01/2019 - 05/31/2019



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.

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

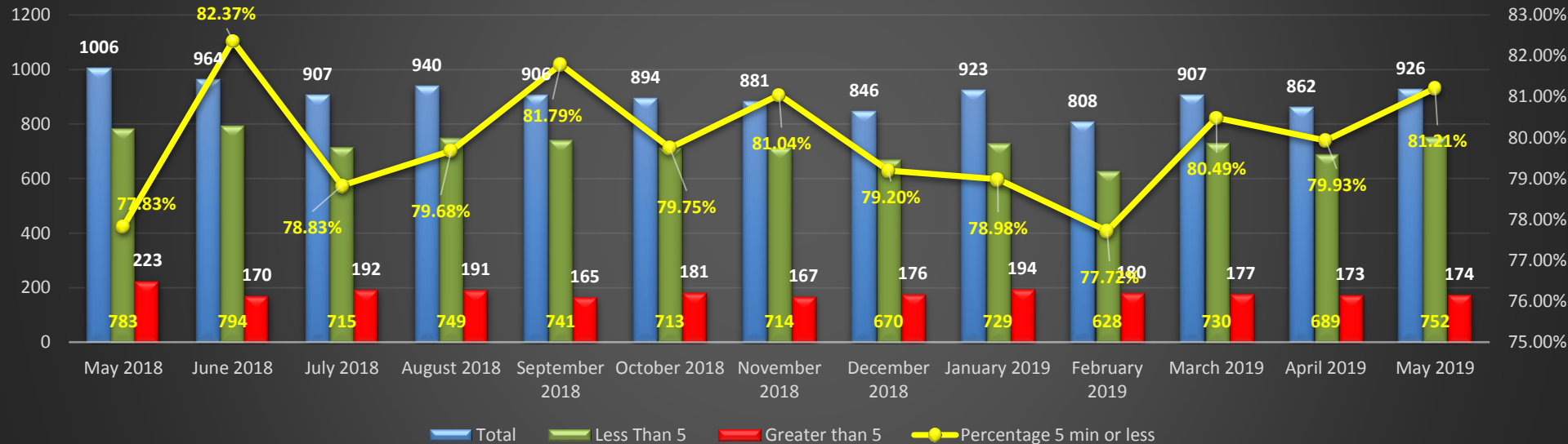
Current Period:
05/01/2019 - 05/31/2019



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

➤ District 2 has shown continued improvement in EMS response for the first arriving company.

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

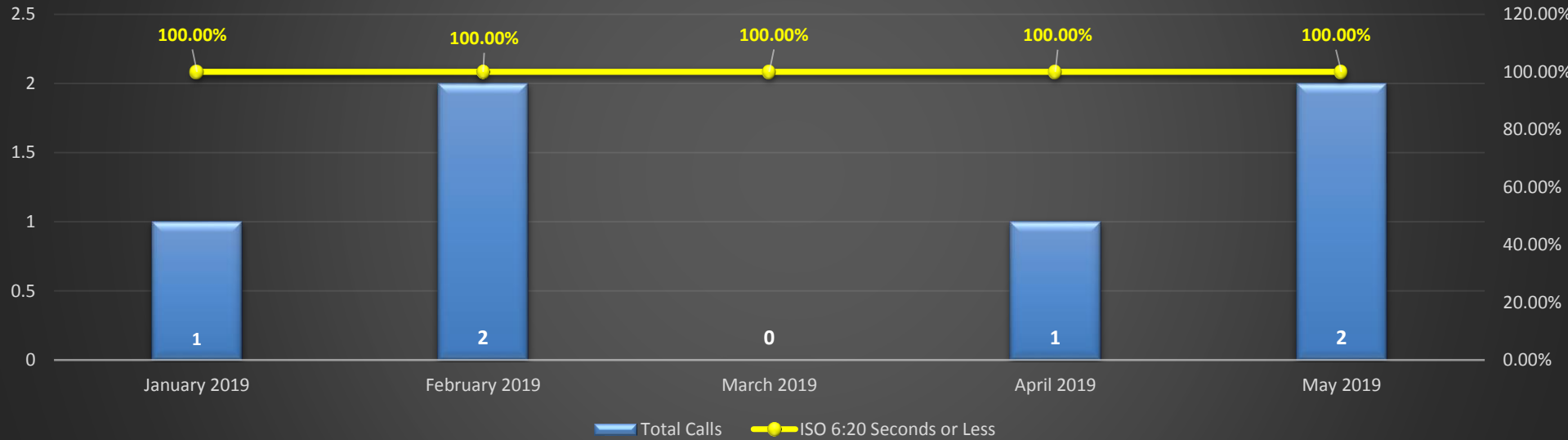
Current Period:
05/01/2019 - 05/31/2019



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

➤ Exceptional work by 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

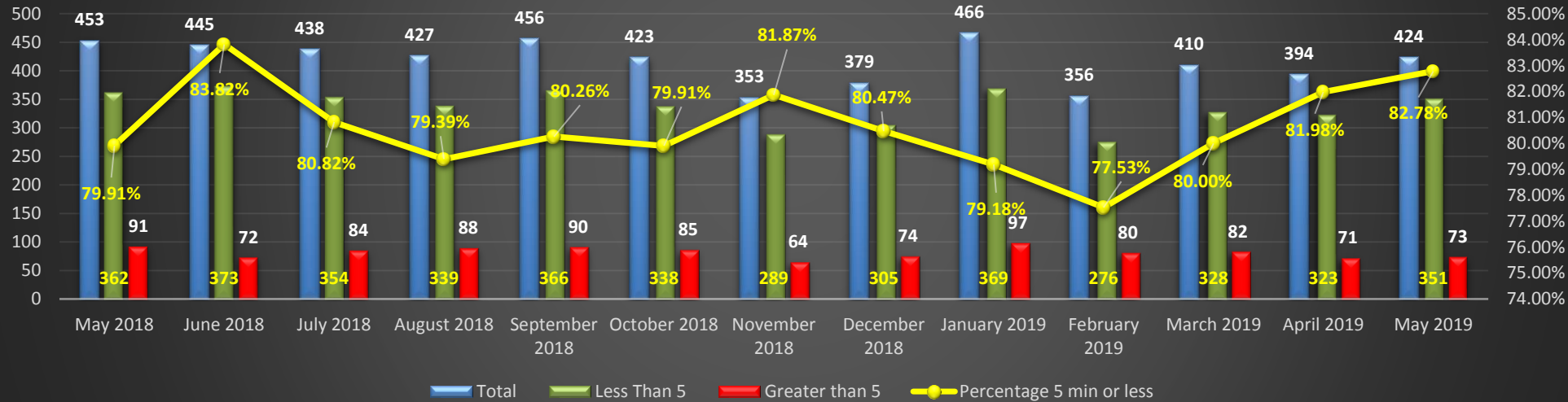
Current Period:
05/01/2019 - 05/31/2019



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

Recommendations

Impact

➤ Good progress by Tour A by improving upon their EMS response times for 3 months in a row now.

➤ 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

Tour B

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

Data Source: Firehouse Software

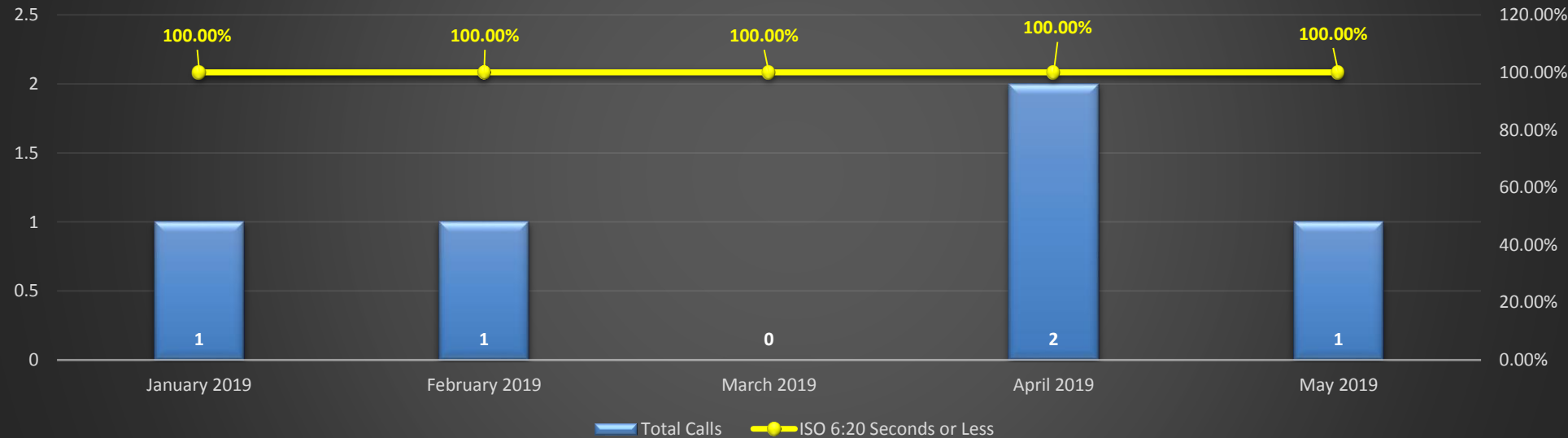
Current Period:
05/01/2019 - 05/31/2019



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

Excellent work by Tour B.

Recommendations

➤ Maintain efficiency.

Impact

➤ Effective emergency response.

EMS Response Scorecard

Tour B

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

Data Source:
Firehouse Software

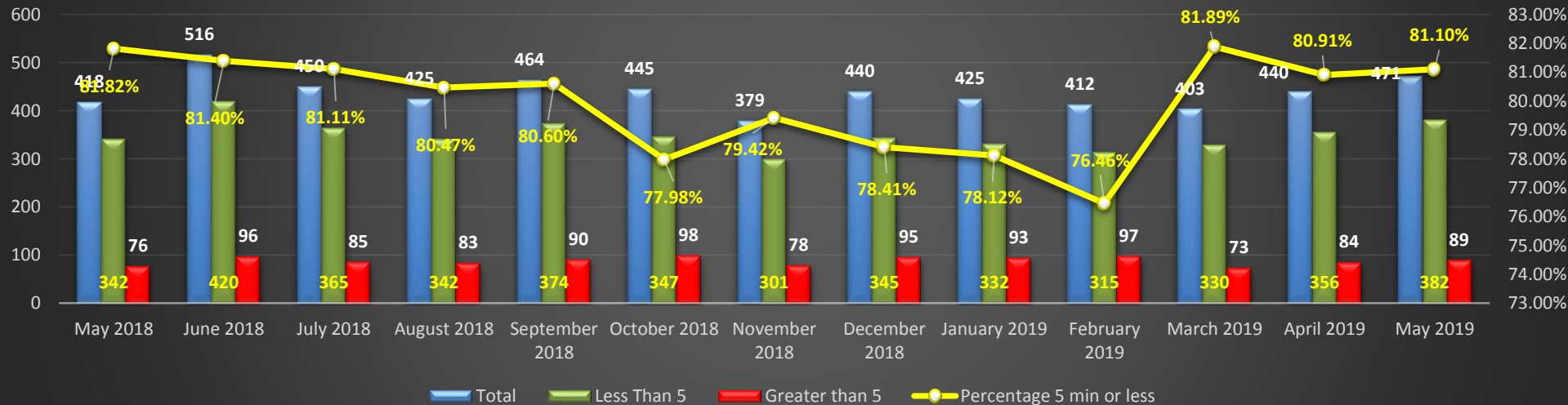
Current Period:
05/01/2019 - 05/31/2019



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

➤ Good job by Tour B for increasing their EMS response times 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 C

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

Data Source: Firehouse Software

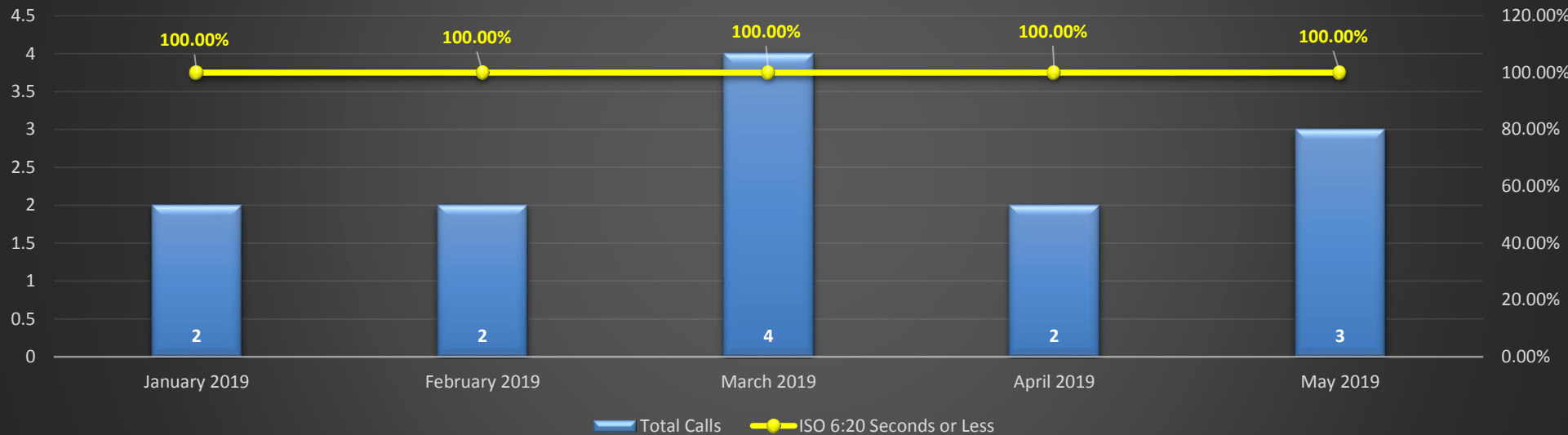
Current Period:
05/01/2019 - 05/31/2019



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.

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

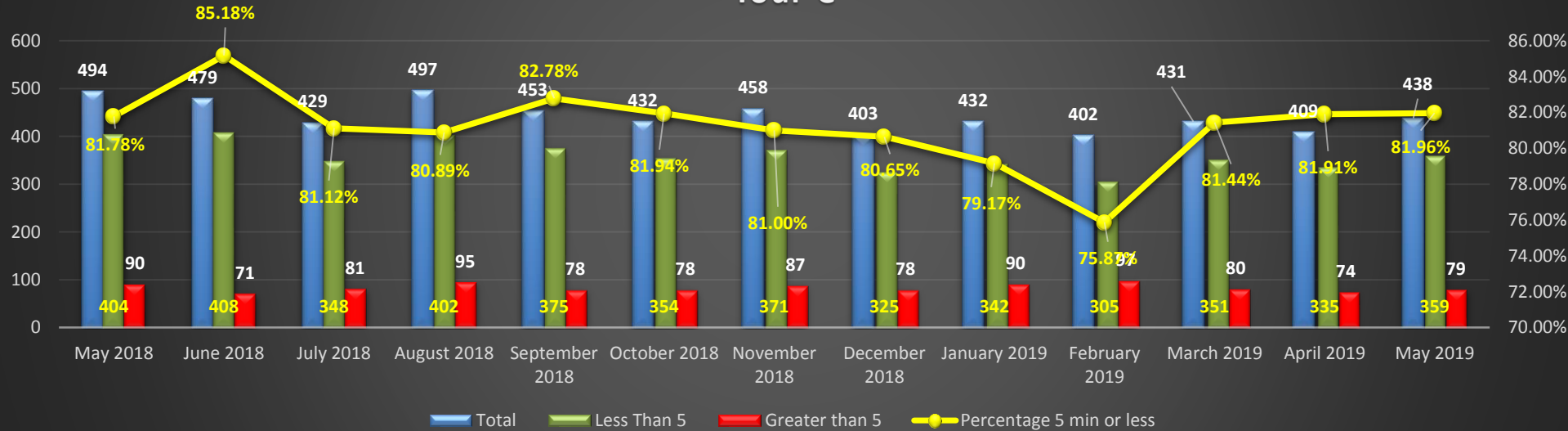
Current Period:
05/01/2019 - 05/31/2019



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

➤ Slight improvement of performance by Tour C.

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

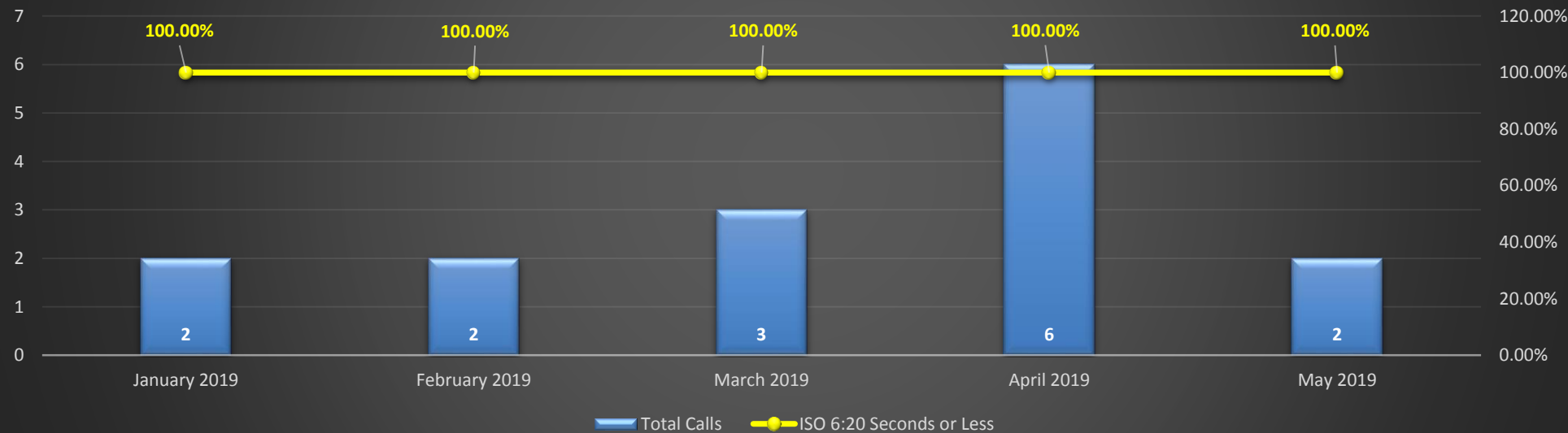
Current Period:
05/01/2019 - 05/31/2019



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

➤ Excellent work, 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.



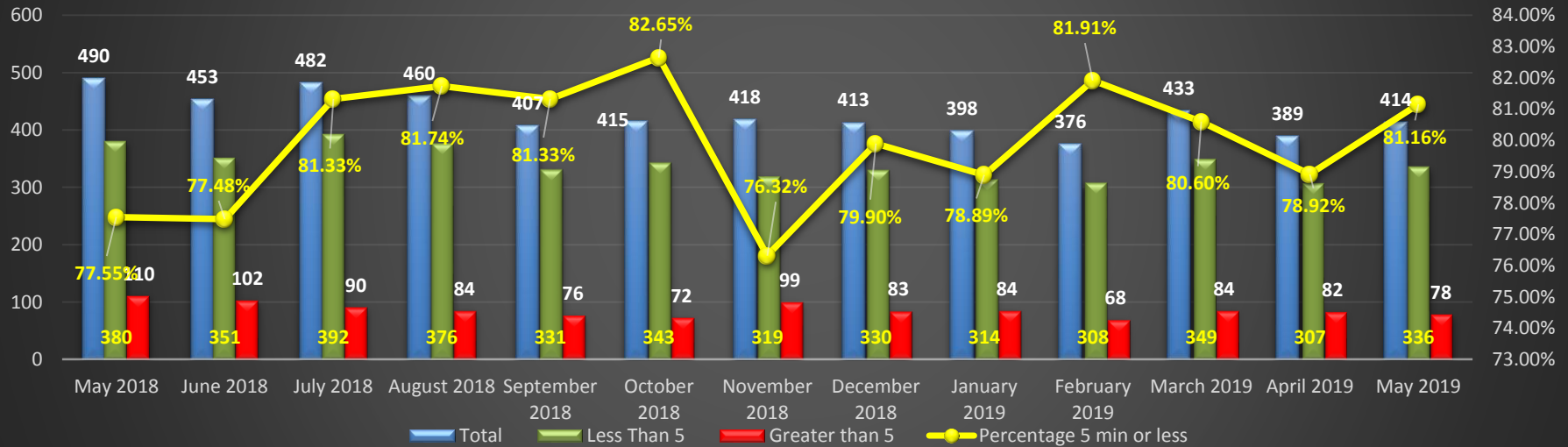
Data Source:
Firehouse Software

Current Period:
05/01/2019 - 05/31/2019

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

➤ Great work by Tour D in improving their response times when compared to last month.

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.

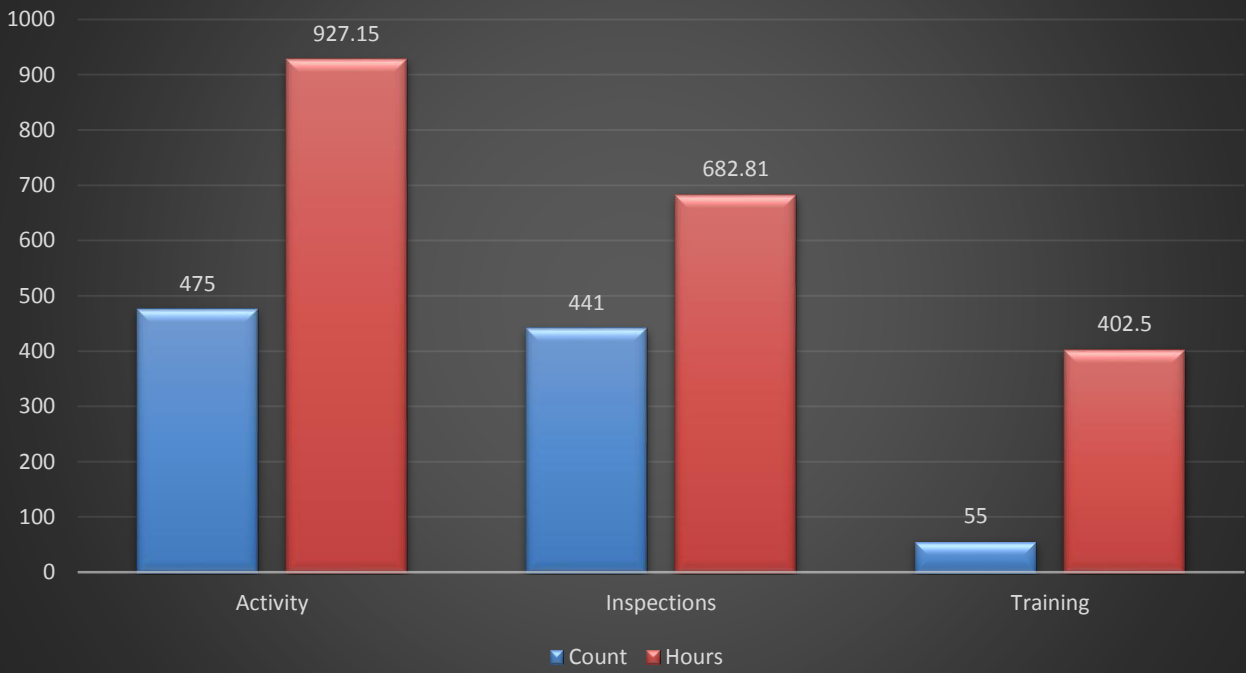
Data Source: HFD Firehouse Software

Current Period: 05/01/2019 - 05/31/2019

Fire Marshal Office

HISTORICAL ANALYSIS

Reporting Period	Violations		
	Violations Found	Violations Cleared	
01/19	560	369	
02/19	210	142	
03/19	418	565	
04/19	320	369	
05/19	249	325	



Attendance

Total Hours Working:	2012.46	Off Duty:	580
Total Hours on Duty	2542.75	Percentage Account For:	79.15%

Recommendations

✓ Why is the percentage of time accounted for only 79%?

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:
05/01/2019 - 05/31/2019

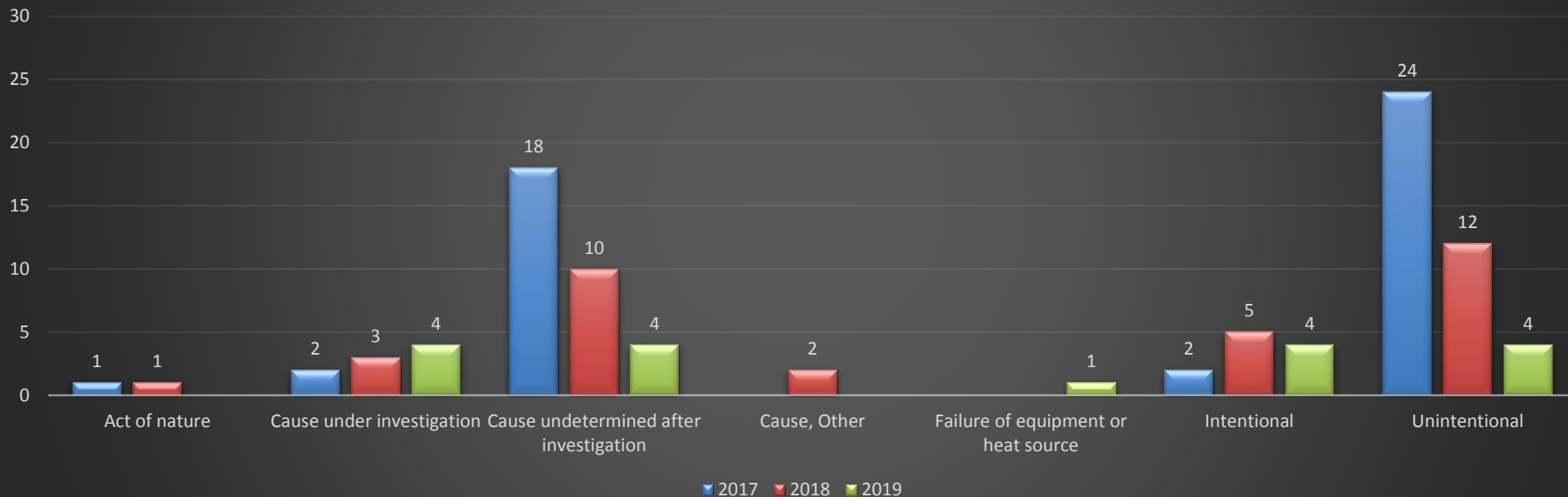


HFD Strategic Priorities:

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 May



Analysis

➤ Intentionally set fires are down when compared to same month in 2018. Unintentional fires are significantly 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.

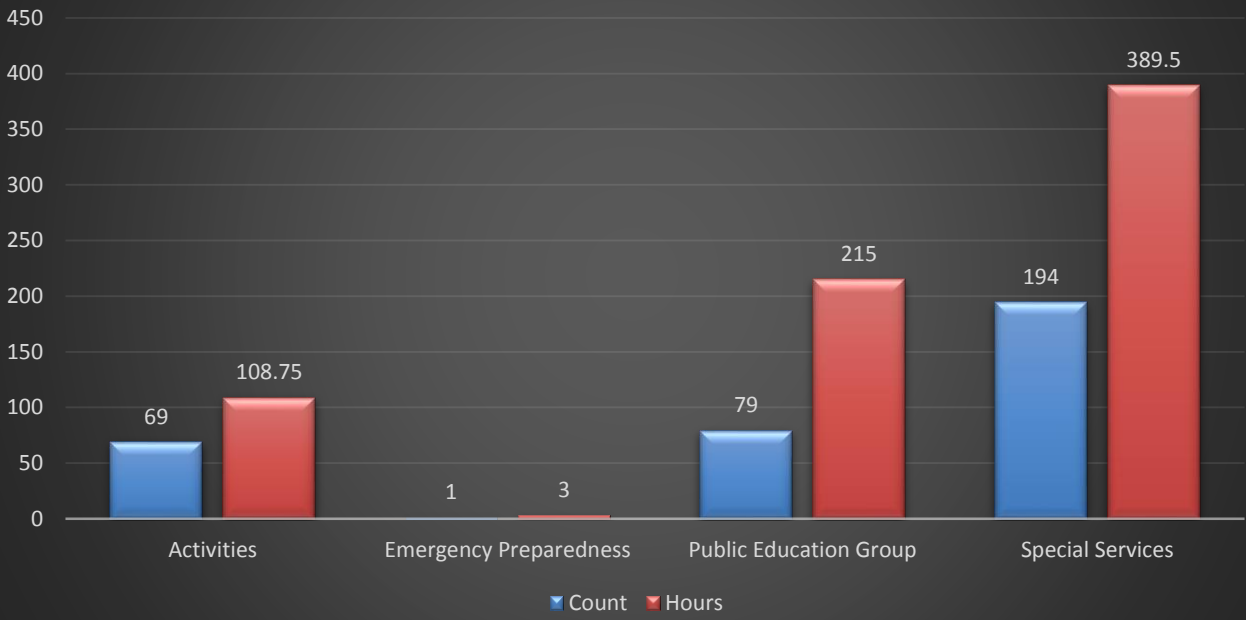
Data Source: HFD Firehouse Software

Current Period: 05/01/2019 - 05/31/2019

HISTORICAL ANALYSIS

Reporting Period	03/19	04/19	05/19
Total Activities	267	275	343
Total Adults	10,143	4,042	4,850
Total Children	1,136	5,047	3,640
Smoke Detector	7	15	7
Car Seats	35	34	4

Special Services



Attendance

Total Hours Working:	716.25	Off Duty:	20
Total Hours on Duty:	737.5	Percentage Account For:	97.12%

Recommendations

Outstanding 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.



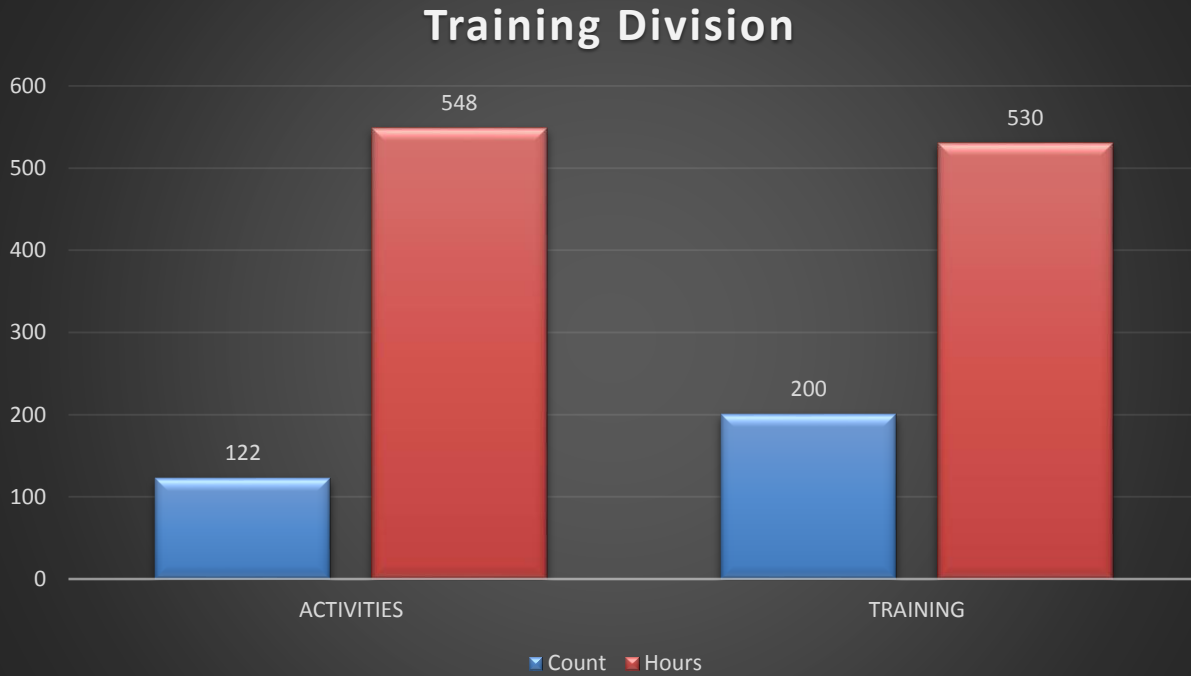
HFD Strategic Priorities:
Provide Mandated Training to Hartford Fire Department Personnel

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: 05/01/2019 – 05/31/2019

HISTORICAL ANALYSIS



Attendance

Total Working Hours:	1078	Total Hours Off:	434
Total Hours on Duty:	1155	Hours Accounted For:	93.33%

Recommendations

Excellent work by our Training Division.

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.

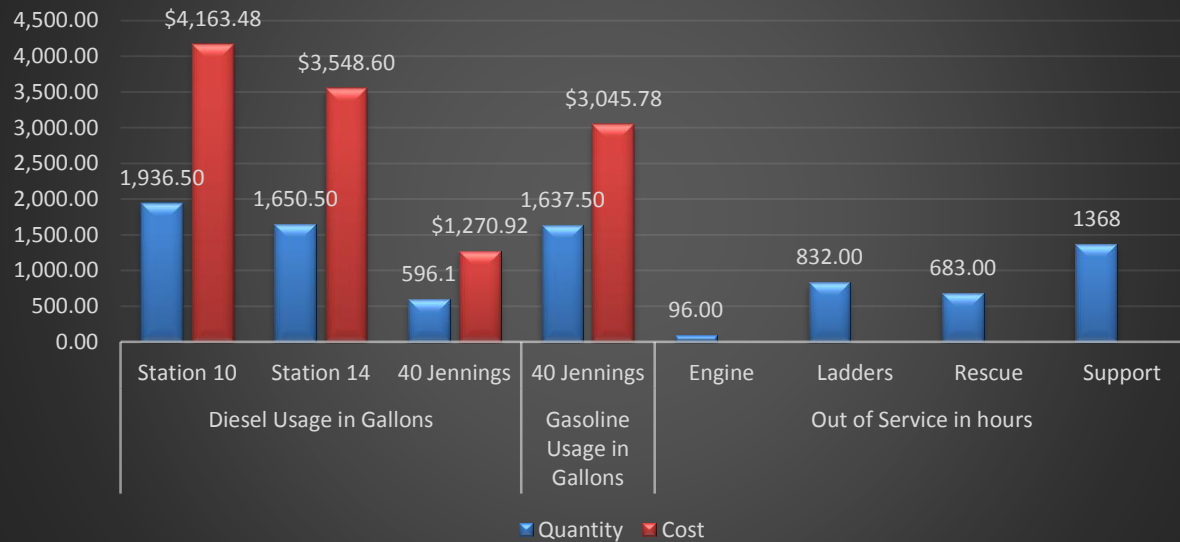
Data Source: HFD Firehouse Software

Current Period: 05/01/2019 – 05/31/2019

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
03/19	0	0	0	398
04/19	0	0	10	0
05/19	0	0	2	2

Equipment Maintenance Division May 2019



Attendance

Total Working Hours:	1202	Total Hours Off:	100
Total Hours on Duty:	1254	Hours Accounted For:	95.85%

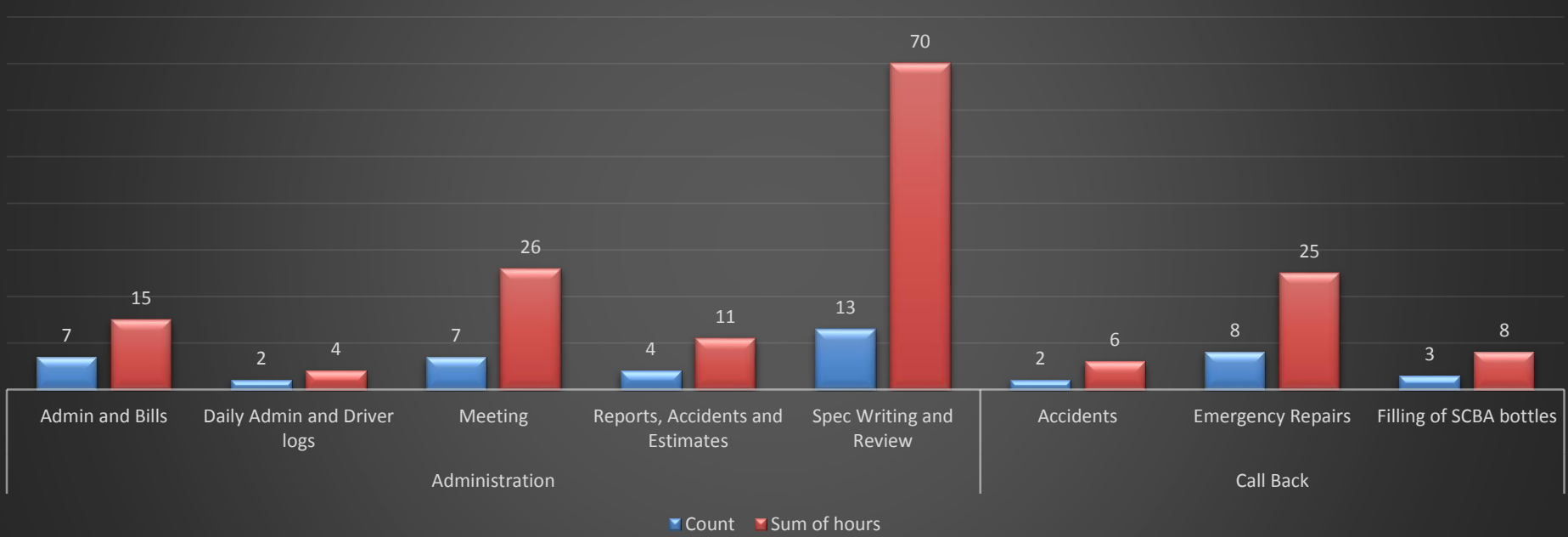
Recommendations

➤ Outstanding work

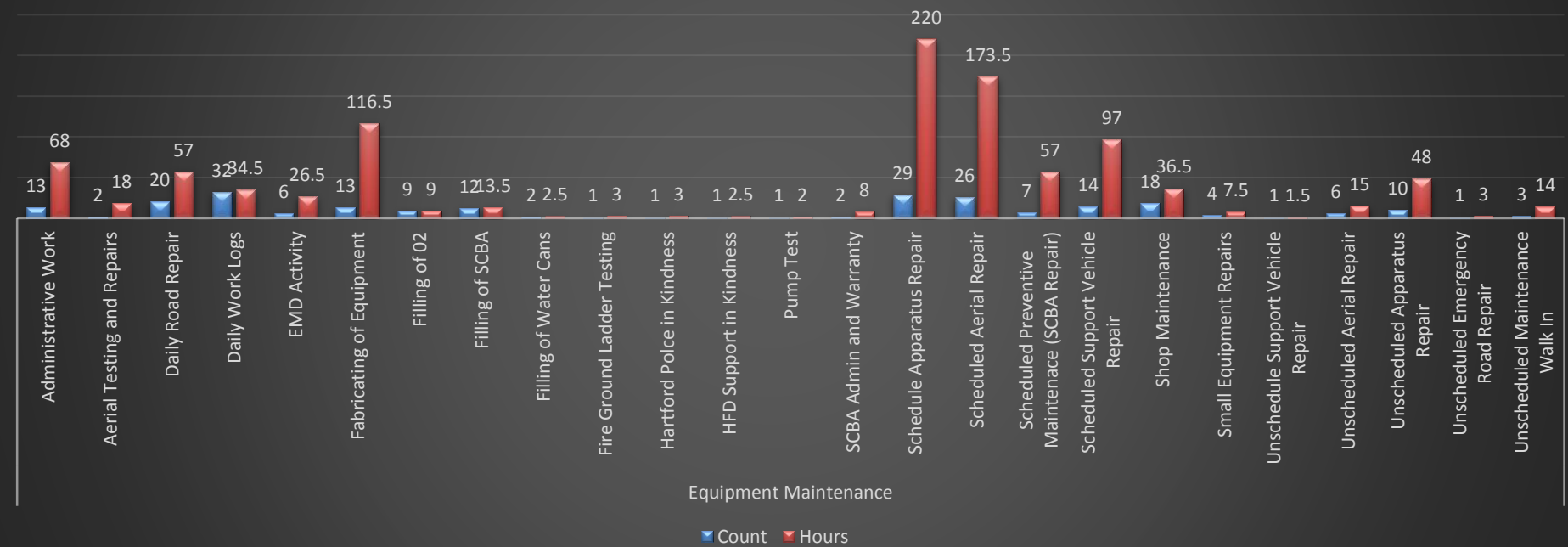
Impact

- 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.

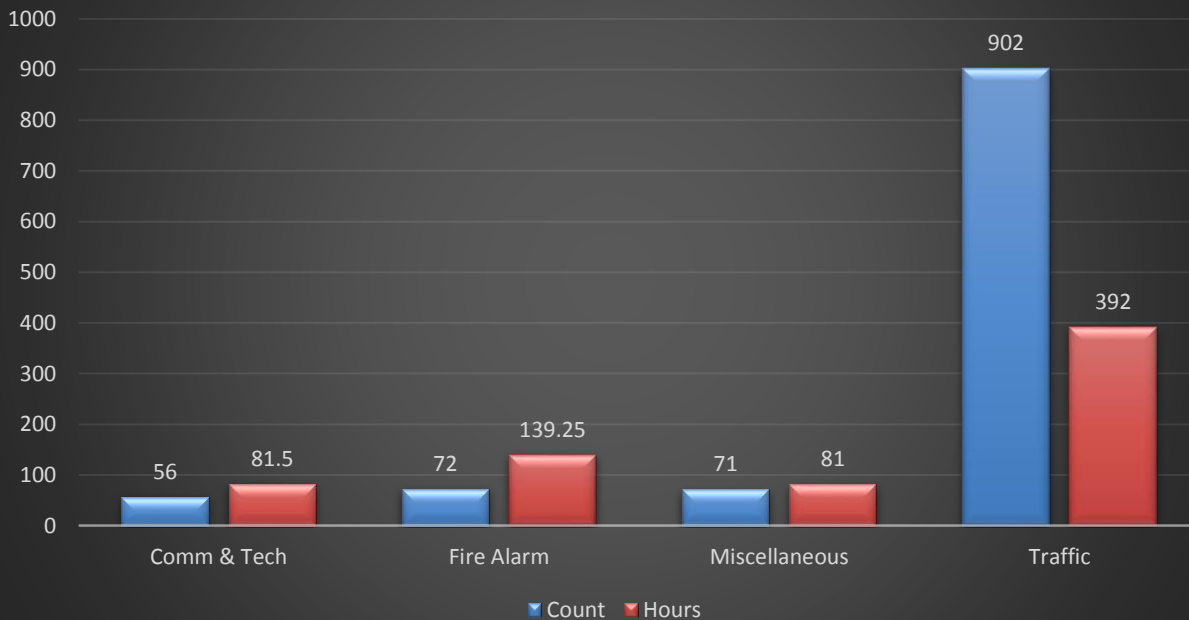
Data Source: HFD Firehouse Software

Current Period: 05/01/2019 – 05/31/2019

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
04/19	963	57	102	54
05/19	902	56	71	72

Fire Alarm Communications Technology



Attendance

Total Working Hours:	693.75	Total Hours Off:	80
Total Hours on Duty:	755.25	Hours Accounted For:	91.86%

Recommendations

✓ Exceptional work by our FACT Division.

Impact

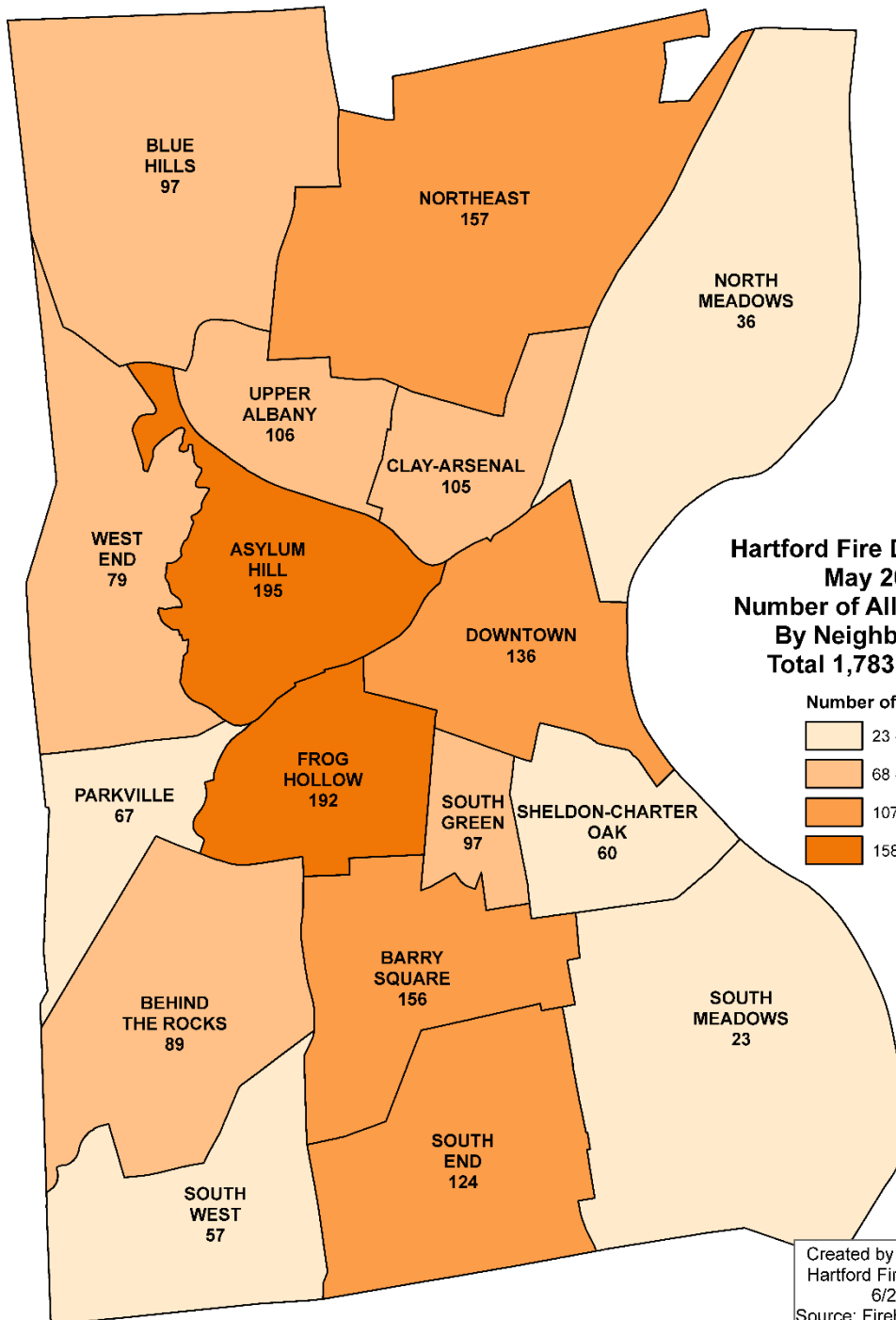
- IS&IT execution of relevant duties and responsibilities.

EMERGENCY RESPONSE DATA



"Goal Oriented, Results Driven"

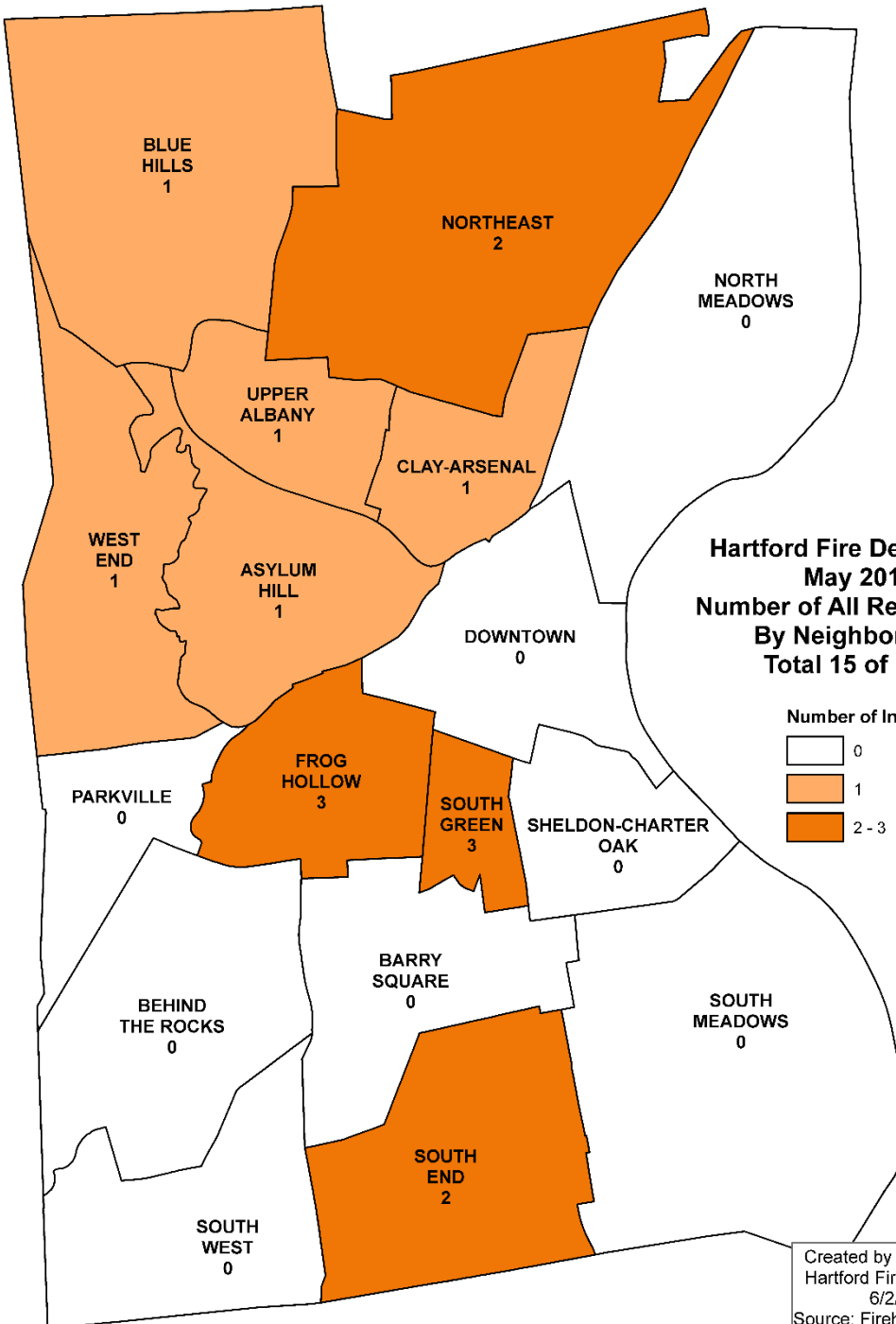
EMS May 2019



Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded 1,776
Not Geocoded: 7

Incident Type	Description	Incident Count
321	EMS call, excluding vehicle accident with injury	1072
311	Medical assist, assist EMS crew	451
322	Motor vehicle accident with injuries	96
324	Motor Vehicle Accident with no injuries	78
300	Rescue, EMS incident, other	42
510	Person in distress, Other	33
323	Motor vehicle/pedestrian accident (MV Ped)	10
320	Emergency medical service, other	1

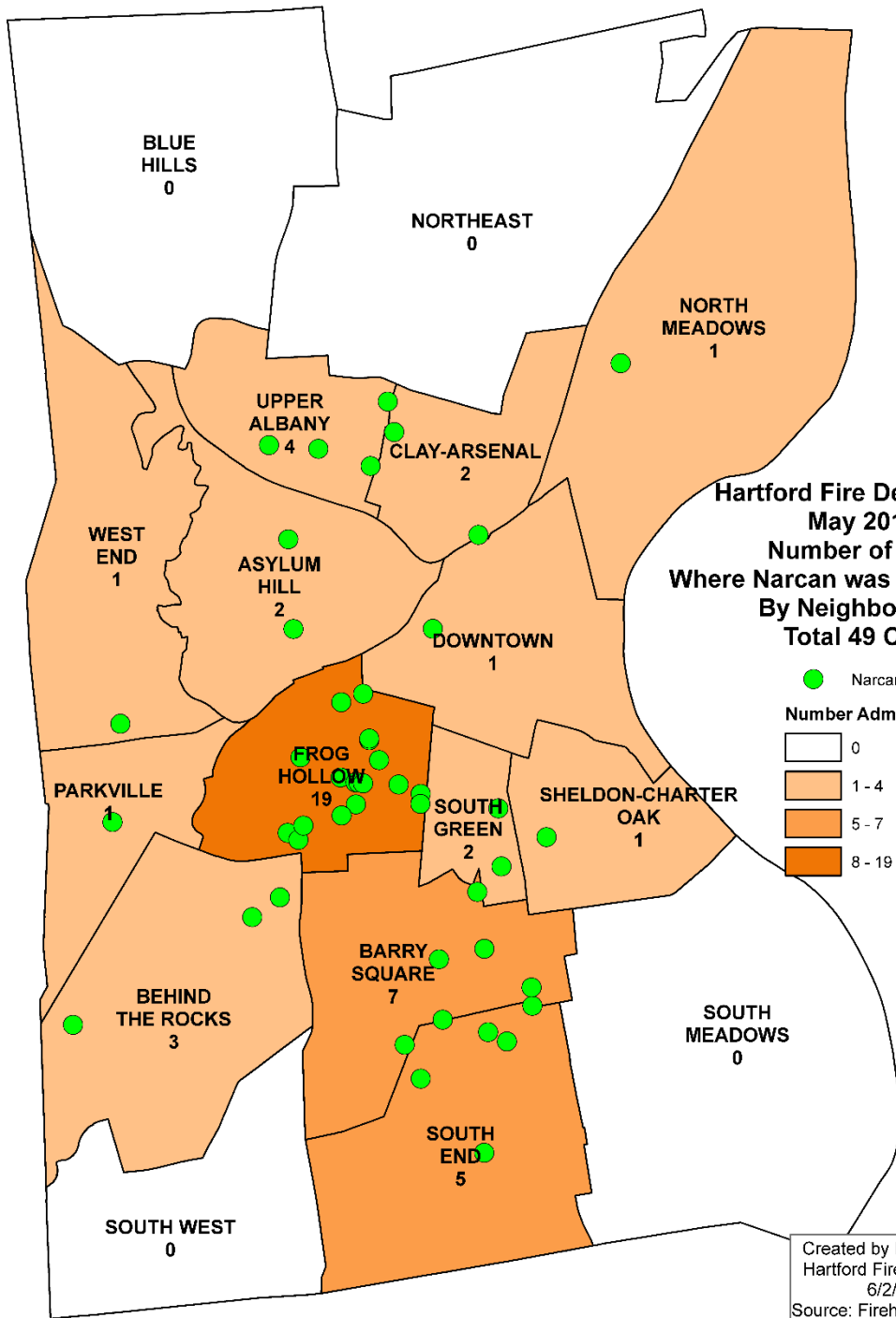
Rescue Calls May 2019



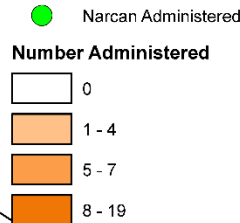
Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 15
Not Geocoded: 0

Incident Type	Description	Incident Count
353	Removal of victim(s) from stalled elevator	7
511	Lock-out	3
355	Confined space rescue	1
341	Search for person on land	1
331	Lock-in (if lock out , use 511)	1
350	Extrication, rescue, Other	1
352	Extrication of victim(s) from vehicle	1

Narcan Administered May 2019

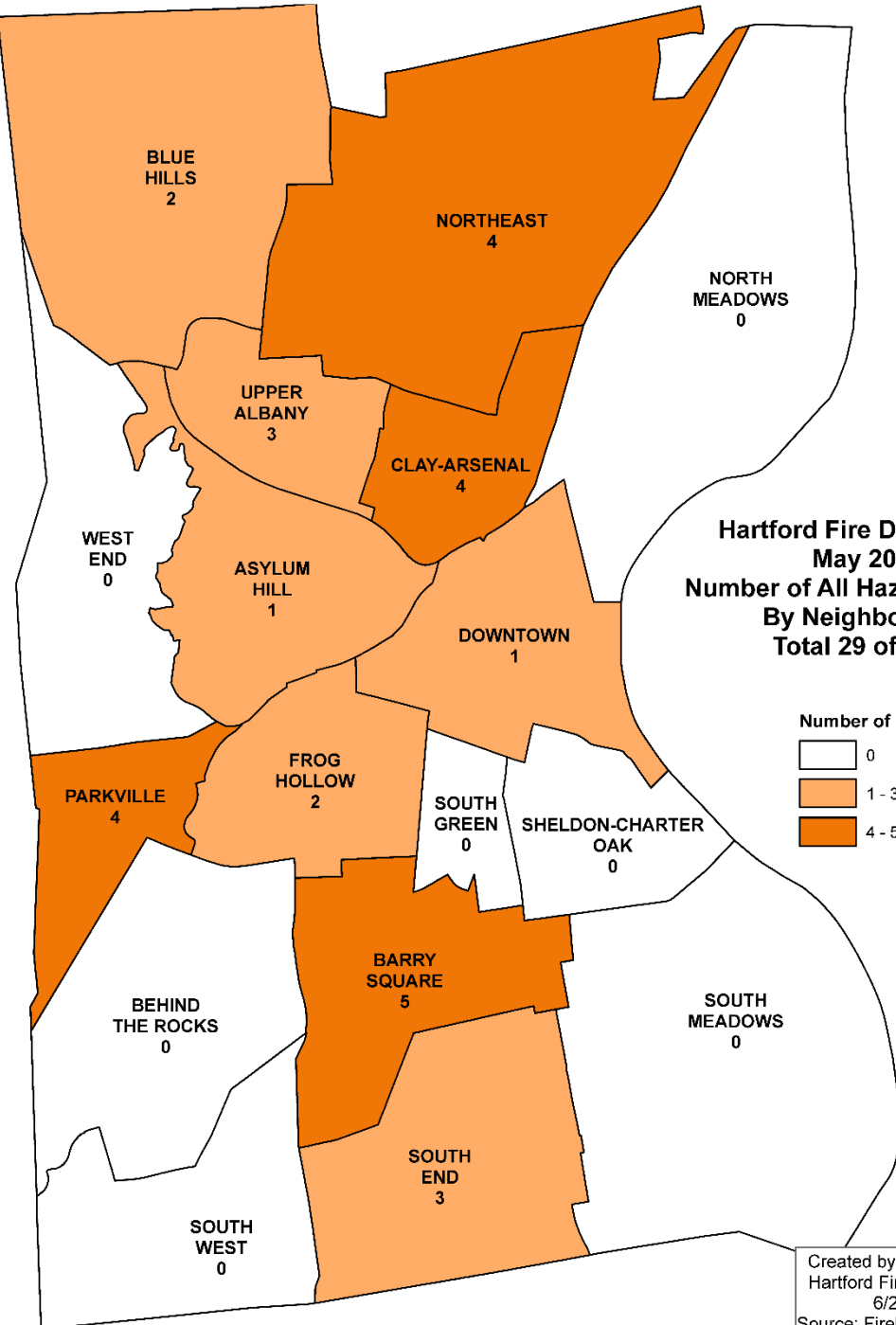


**Hartford Fire Department
May 2019
Number of Calls
Where Narcan was Administered
By Neighborhood
Total 49 Calls**

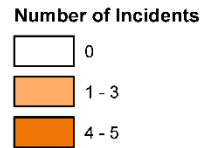


Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 49
Not Geocoded: 0

Hazardous Materials May 2019



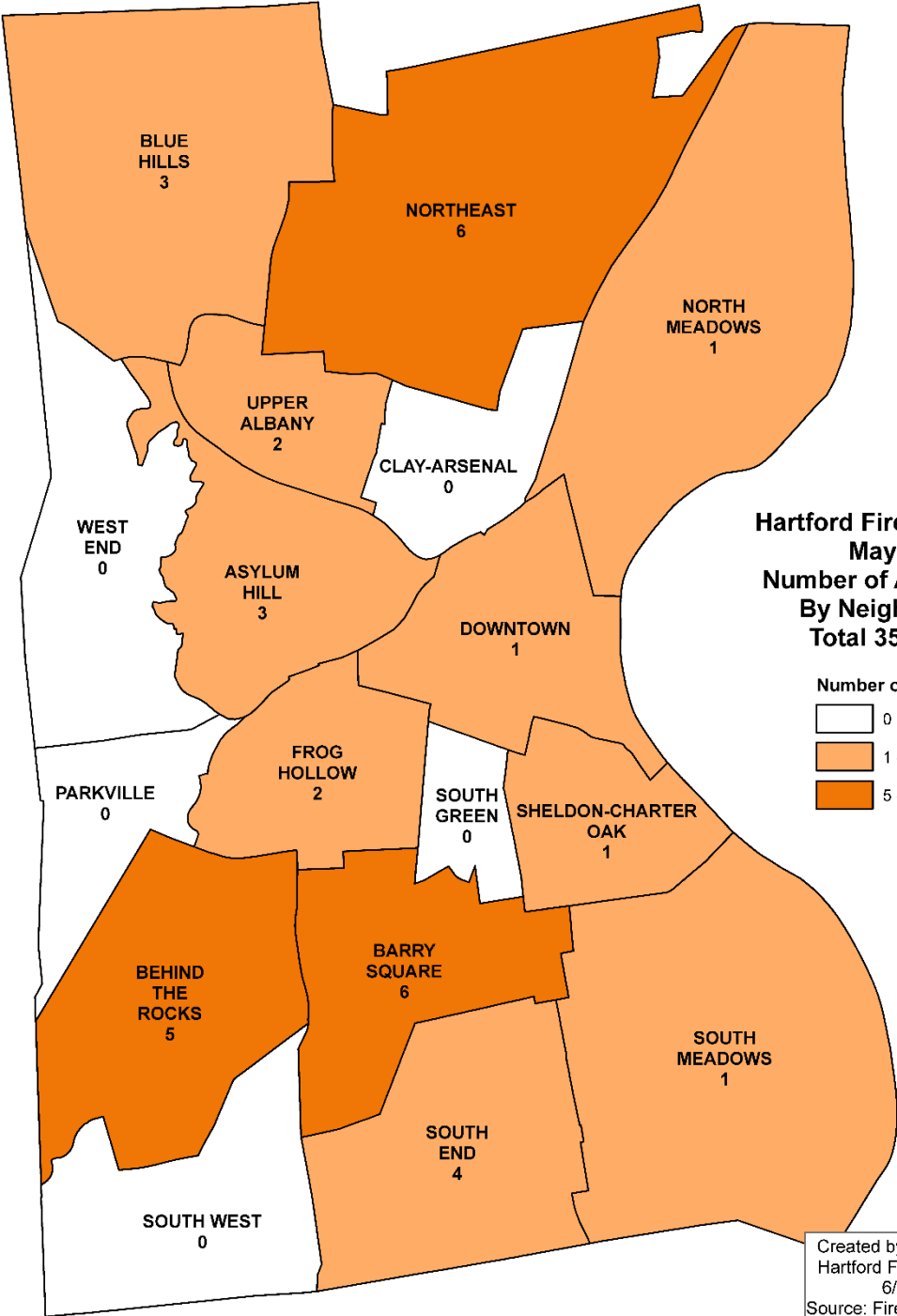
**Hartford Fire Department
May 2019
Number of All Hazardous Calls
By Neighborhood
Total 29 of Calls**



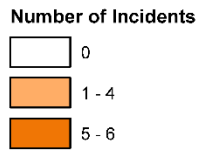
Incident Type	Description	Incident Count
412	Gas leak (natural gas or LPG)	11
400	Hazardous condition, Other	7
463	Vehicle accident, general cleanup	5
424	Carbon monoxide incident	4
410	Combustible/flammable gas/liquid condition, other	1
413	Oil or other combustible liquid spill	1

Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 29
Not Geocoded: 0

All Fires May 2019



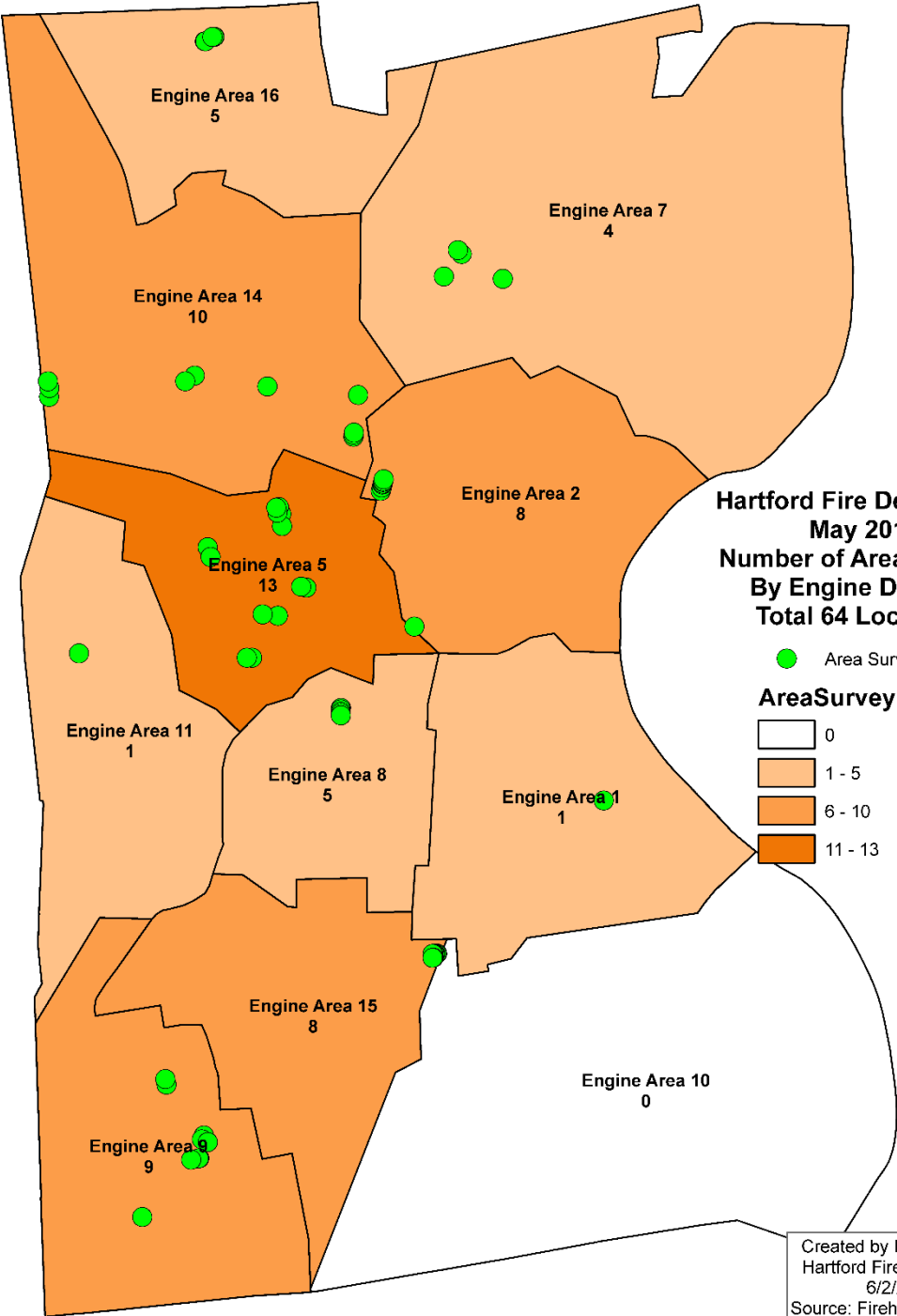
**Hartford Fire Department
May 2019
Number of All Fire Calls
By Neighborhood
Total 35 of Calls**



Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 35
Not Geocoded: 0

Incident Type	Description	Incident Count
111	Building fire	8
131	Passenger vehicle fire	6
130	Mobile property (vehicle) fire, Other	5
151	Outside rubbish, trash or waste fire	5
142	Brush or brush-and-grass mixture fire	2
118	Trash or rubbish fire, contained	2
113	Cooking fire, confined to container	2
154	Dumpster or other outside trash receptacle fire	1
160	Special outside fire, Other	1
100	Fire, Other	1
150	Outside rubbish fire, Other	1
140	Natural vegetation fire, Other	1

Area Survey May 2019



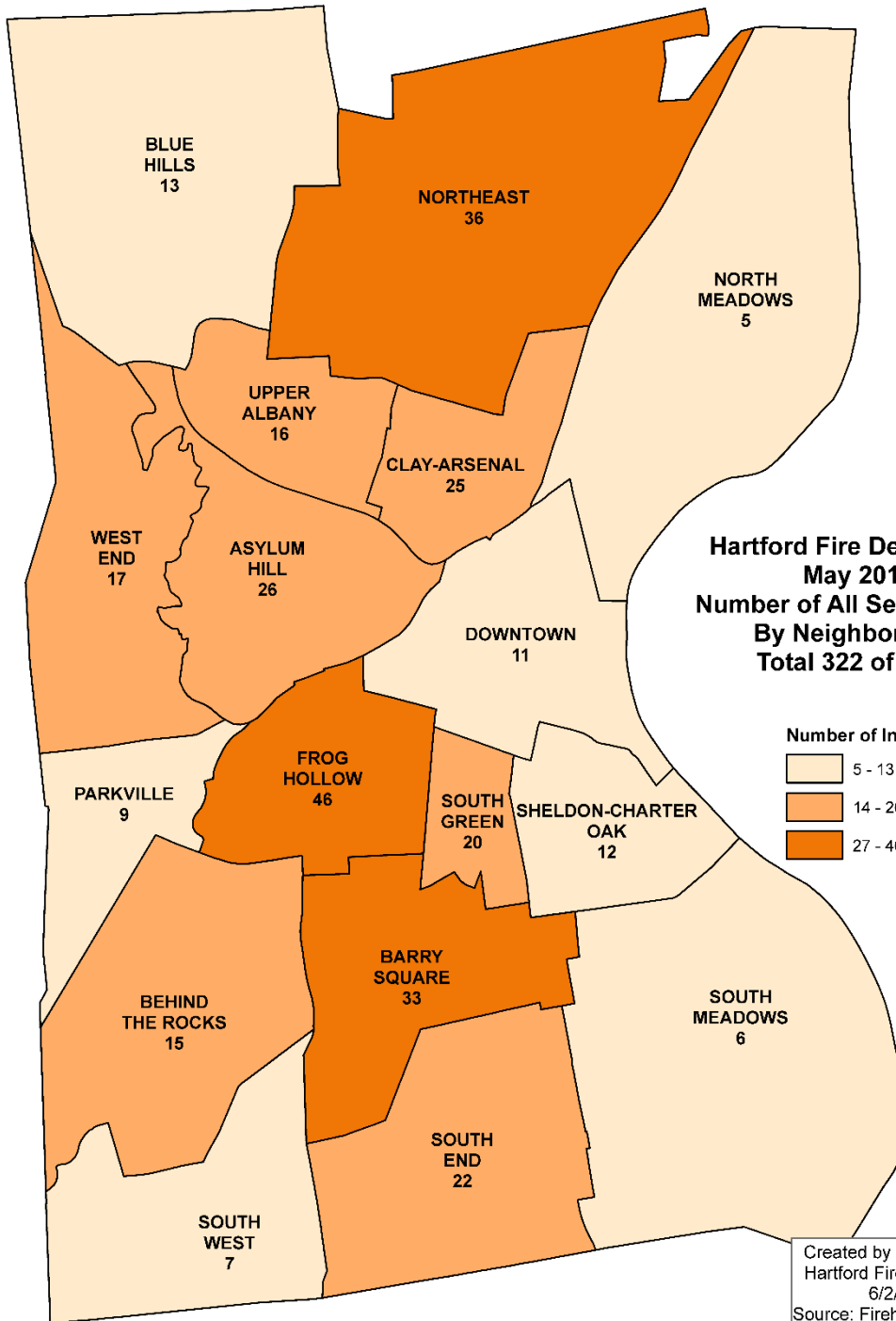
**Hartford Fire Department
May 2019
Number of Area Surveys
By Engine Districts
Total 64 Locations**

● Area Survey Locations



Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 64
Not Geocoded: 0

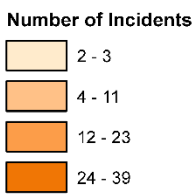
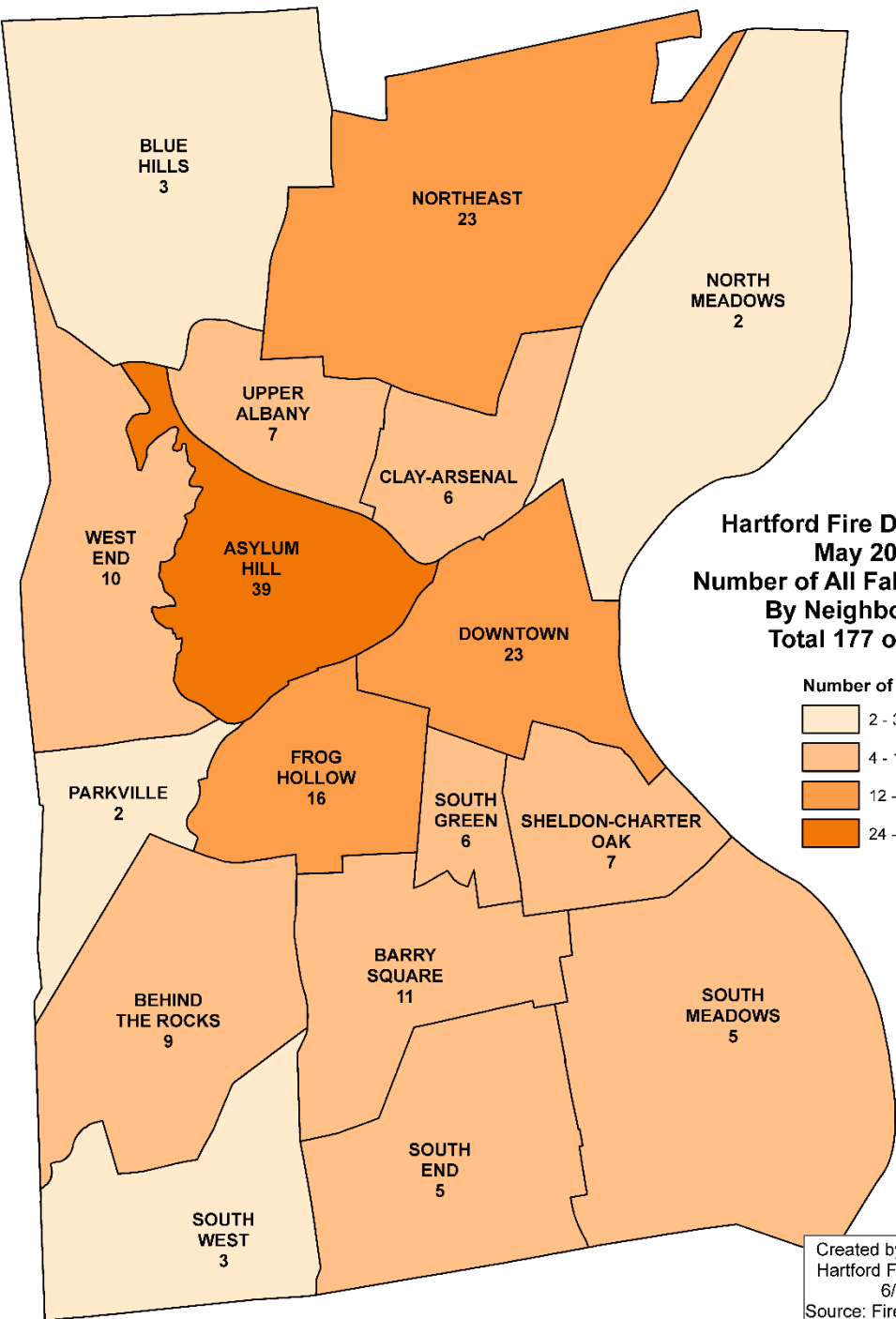
Service Calls May 2019



Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 319
Not Geocoded: 3

Incident Type	Description	Incident Count
552	Police matter	89
500	Service Call, other	85
531	Smoke or odor removal	47
520	Water problem, Other	27
553	Public service	22
550	Public service assistance, Other	18
444	Power line down	8
440	Electrical wiring/equipment problem, Other	7
554	Assist invalid	4
442	Overheated motor	3
522	Water or steam leak	2
571	Cover assignment, standby, moveup	2
441	Heat from short circuit (wiring), defective/worn	2
551	Assist police or other governmental agency	2
540	Animal problem, Other	2
445	Arcing, shorted electrical equipment	1
561	Unauthorized burning	1

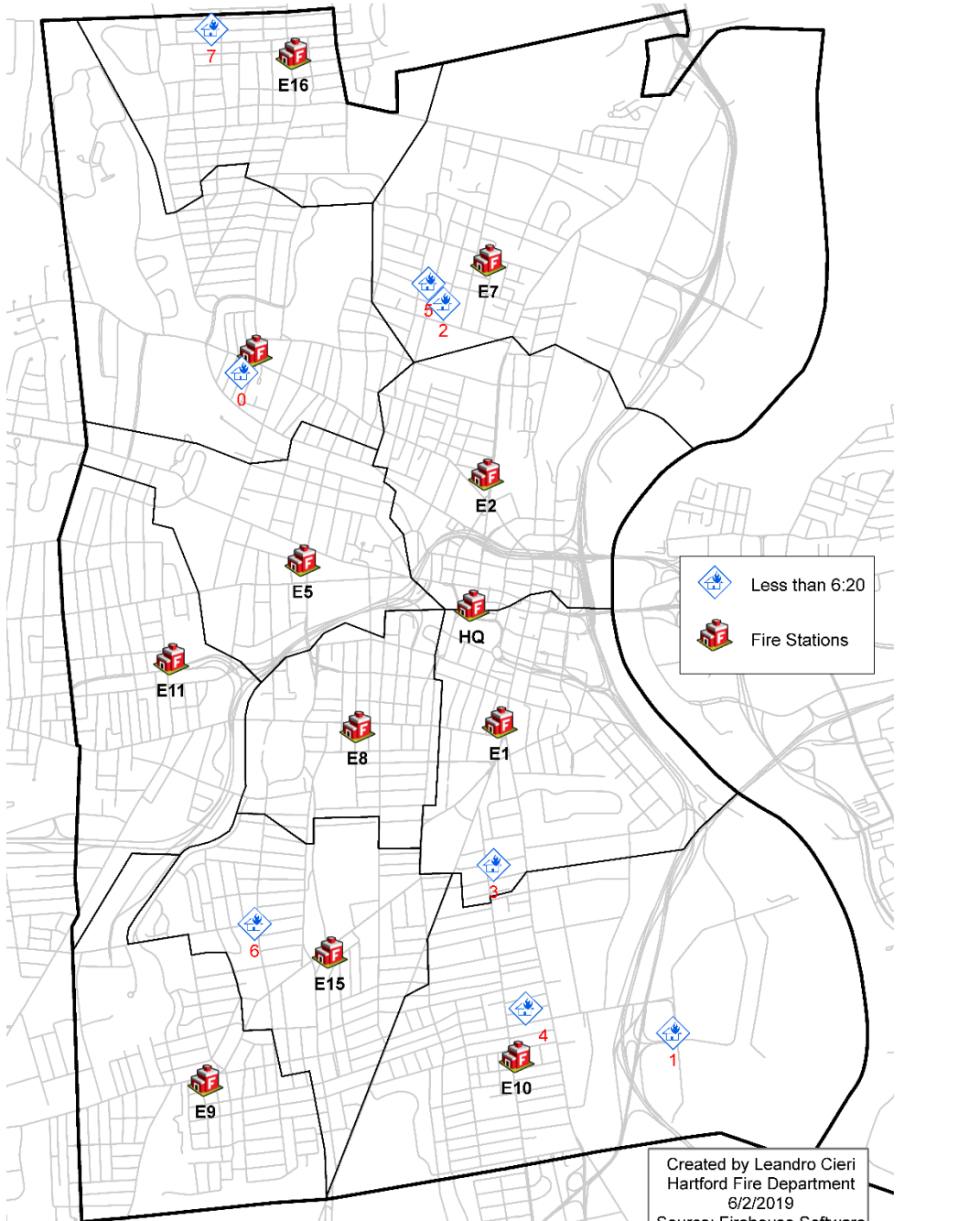
Fire Alarms May 2019



Created by Leandro Cieri
Hartford Fire Department
6/2/2019
Source: Firehouse Software
Geocoded: 177
Not Geocoded: 0

Incident Type	Description	Incident Count
745	Alarm system activation, no fire - unintentional	56
743	Smoke detector activation, no fire - unintentional	42
735	Alarm system sounded due to malfunction	16
740	Unintentional transmission of alarm, Other	12
730	System malfunction, Other	10
710	Malicious, mischievous false call, Other	9
744	Detector activation, no fire - unintentional	7
733	Smoke detector activation due to malfunction	5
700	False alarm or false call, Other	4
714	Central station, malicious false alarm	4
741	Sprinkler activation, no fire - unintentional	3
731	Sprinkler activation due to malfunction	2
736	CO detector activation due to malfunction	2
715	Local alarm system, malicious false alarm	2
746	Carbon monoxide detector activation, no CO	1
711	Municipal alarm system, malicious false alarm	1
734	Heat detector activation due to malfunction	1

Location of Structure Fires In Relationship to Fire Stations



Created by Leandro Cieri
 Hartford Fire Department
 6/2/2019
 Source: Firehouse Software
 Geocoded: 8
 Not Geocoded: 0

Key	Incident Number	Response	Firefighter Fatality	Firefighter Injury	Civilian Fatality	Civilians Injured	Cause
0	19-0126030	0:04:04	0	0	0	0	Spark, ember or flame from operating equipment
1	19-0132056	0:05:51	0	0	0	0	Hot or smoldering object, Other
2	19-0136061	0:02:55	0	0	0	0	
3	19-0139004	0:04:18	0	0	0	0	Undetermined
4	19-0141060	0:03:59	0	0	0	0	
5	19-0141071	0:03:39	0	0	0	0	Heat source: other
6	19-0143039	0:04:56	0	0	0	0	
7	19-0149006	0:04:44	0	0	0	0	

QUESTIONS/COMMENTS



"Goal Oriented, Results Driven"