



NFIRS

**The Goal of the KCKFD is 100% completion for all NFIRS reporting.
AND ON MARCH 30th 3rd SHIFT MET OUR GOAL!**

This is a record that can only be matched, never beaten. Great job!!!

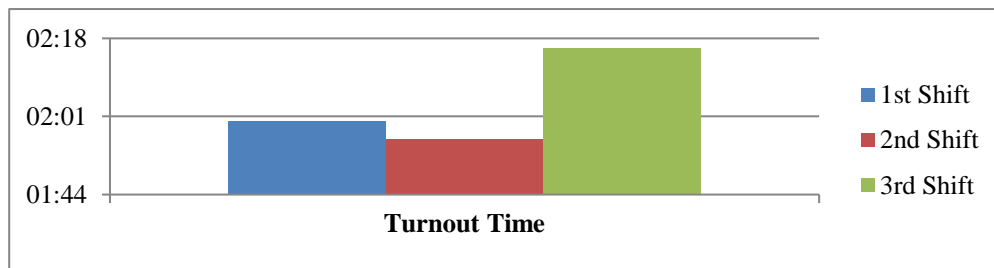
We had an initial NFIRS completion percentage for March of 93.3%.

1st Shift – 92.6%

2nd Shift - 93.6%.

3rd Shift - 93.5%.

March Turnout Time by Shift



	90th Percentile Turnout Time - February		
	1st Shift	2nd Shift	3rd Shift
	02:09	02:08	02:21
Total Calls	703	663	704
Calls over Benchmark	89	87	122
% Over Benchmark	12.7%	13.1%	17.3%

	90th Percentile Turnout Time - March		
	1st Shift	2nd Shift	3rd Shift
	02:00	01:56	02:16
Total Calls	790	867	799
Calls over Benchmark	76	75	122
% Over Benchmark	9.6%	8.7%	15.3%

These graphics show our Turnout times that fall in the 90th Percentile. As well as the percentage of Turnout times that exceed our current benchmark of 120 seconds, remember that our goal is 60 seconds for EMS calls and 80 seconds for Fire calls.

Easier explanation: For March, more than 90% of the time, 1st shift's turnout time is 2 minutes, 2nd shift's turnout time is 1minute and 56 seconds, and 3rd shift's turnout time is 2 minutes and 16 seconds. Times overall have shown an improvement. Keep up the good work.



Time is critical in our business. It is easy to explain the time factor when we are responding to a structure fire. Lives often depend on our ability to get emergency responders on scene. Time is just a critical when we are responding to an emergency medical call. The American Heart Association shows very clearly the relationship between the time elapsed from out of hospital cardiac arrest to the arrival of advanced medical care. The National Fire Protection Association (NFPA) and the Center for Fire Accreditation International (CFAI) have developed industry standards and methods for gathering and interpreting this data.

KCKFD is gathering and sharing specific response time data in an effort to improve our service delivery and better serve our community. KCKFD is using FirstWatch Data Analytics to analyze our raw data and help us show our frontline personnel how they are performing.

NFPA 1710 identifies three time benchmarks:

Call receipt and processing time;

90% of the time, 60 seconds from receipt of call, including transfer time

Turnout time:

90% of the time, 60 seconds from the company level initial receipt of dispatch to the beginning of response time (wheels turning)

Response time

The time that begins when responding units are en route to the emergency incident (wheels rolling), and ends when responding units arrive on scene (wheels stopped at the address).

There are slight differences between Fire and EMS Response:

Deployment (Fire)

- Arrival of engine company in four minutes (240 seconds) and/or the full initial alarm assignment within eight minutes (480 seconds)
- Initial full alarm assignment meeting eight-minute (480- second) response time objective on 90% of all emergency incidents including an arriving company capability to implement an Initial Rapid Intervention Crew (IRIC)

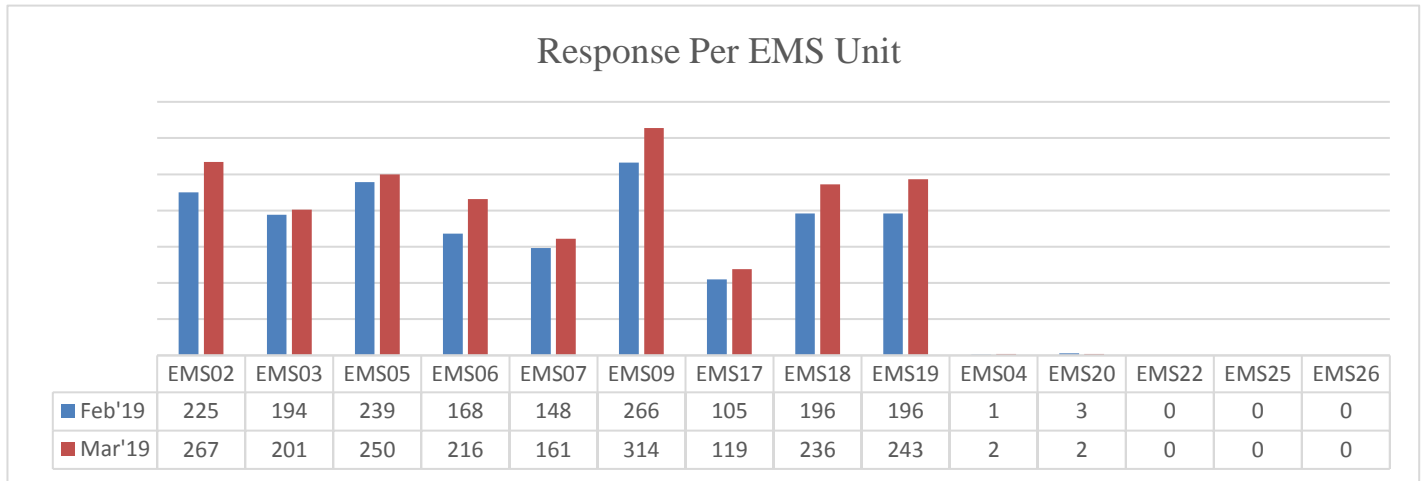
Deployment (EMS)

- Turnout of personnel for response within one minute (60 seconds)
- First responder/AED level, within four-minute (240- second) response on 90% of all emergency medical incidents
- ALS response within eight minutes (480 seconds) on 90% of all ALS calls
- ALS response, two members at EMT-P level and two members at EMT-B level arriving on scene within the established response time

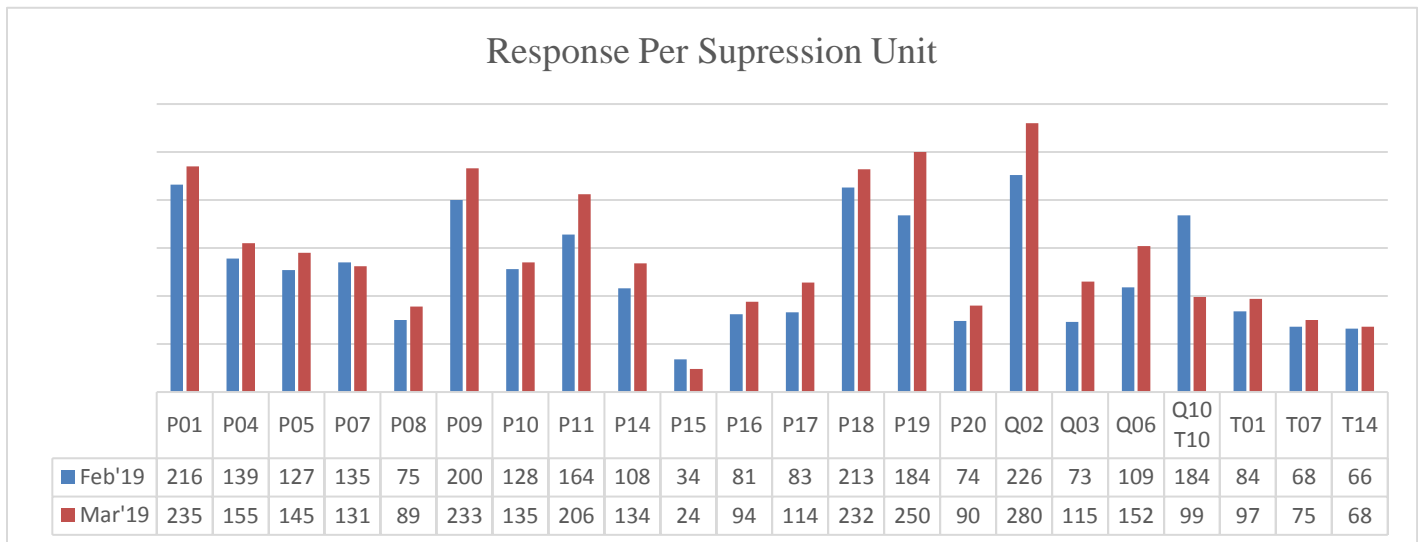


KCKFD MONTHLY ACTIVITY REPORT / MARCH 2019

The Kansas City Kansas Department responded to **2643** incidents during the month of March 2019 based on CAD and NFIRS data.



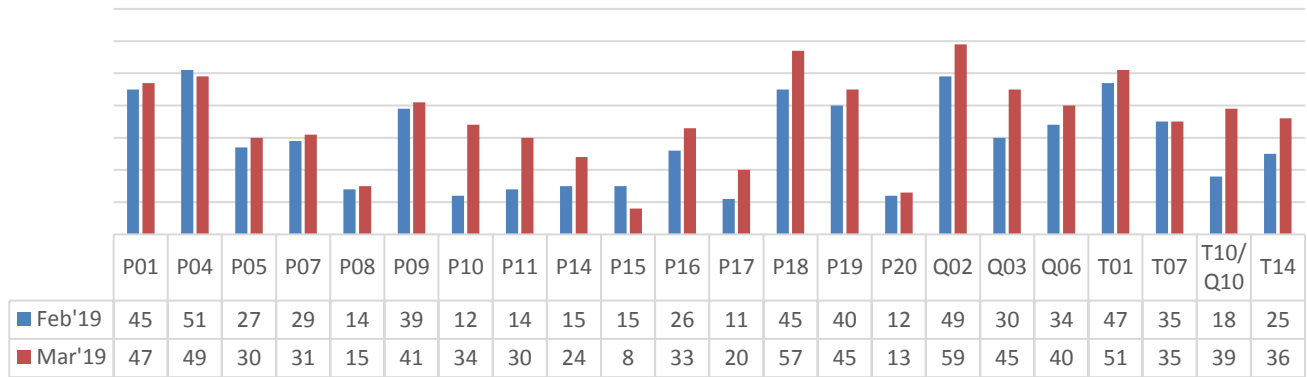
KCKFD EMS Units responded to an incident 1936 times in March 2019, 2150 times in February 2019 and 198 times in March of 2018. This number is generated by CAD and NFIRS data. If more than one unit responded, each unit is counted as a response, however the incident is counted only once for our total response count.



KCKFD Suppression Units responded to an incident 3153 times in March 2019 and 2771 times in February of 2019. In March of 2018 we responded to 3063 incidents. This number is generated by CAD and NFIRS data. If more than one unit responded, each unit is counted as a response, however, the incident is counted only once for our total response count.



Fire Calls



KCKFD Suppression Units responded to a Fire call 782 time in March of 2019. In February of 2019 we responded to 633 Fire calls. In March of 2018 we responded to 708 Fire calls.

This number is generated CAD and NFIRS data. These calls include:

F A/A Business/ Multi Family - F A/A Business/ Multi Family

F A/A Residence - F A/A Residence

F Business/ Multi Family Fire - F Business/ Multi Family Fire

F Controlled Burning - F Controlled Burning

F Family Dwelling Fire - F Family Dwelling Fire

F Fire Outside Structure - F Fire Outside Structure

F Fire/ Explosion Unclassified - F Fire/ Explosion Unclassified

F Rekindle - F Rekindle

F Smoke/ Odor Removal - F Smoke/ Odor Removal

F Spill/ Leak- No Fire - F Spill/ Leak- No Fire

F Trees/Brush/Grass Fire - F Trees/Brush/Grass Fire

F Unauthorized Burning - F Unauthorized Burning

F Vehicle Fire - F Vehicle Fire

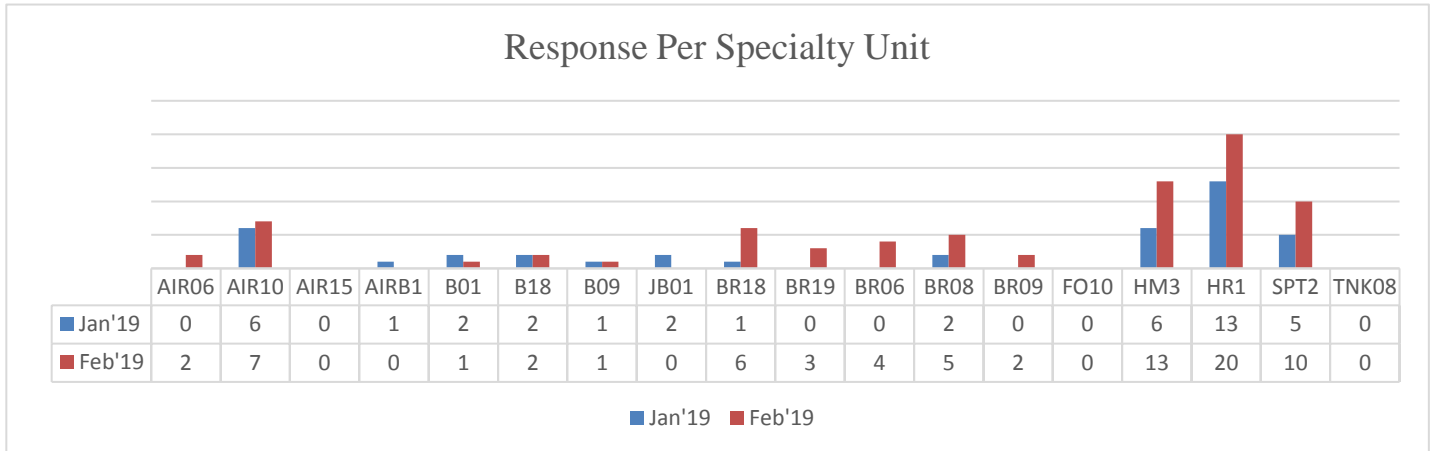
F Vicinity Alarm - F Vicinity Alarm

Fire - Fire Residential

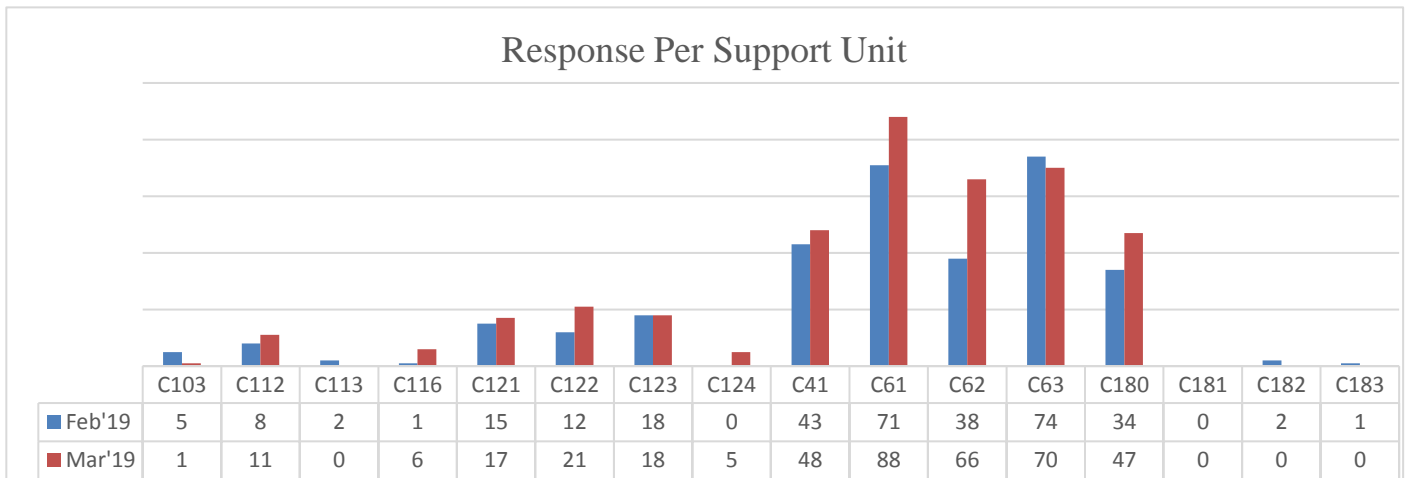
Fire Brush Truck - Fire Brush Truck

Fire Car - Fire Car

Fire UTV - Fire Utility Vehicle



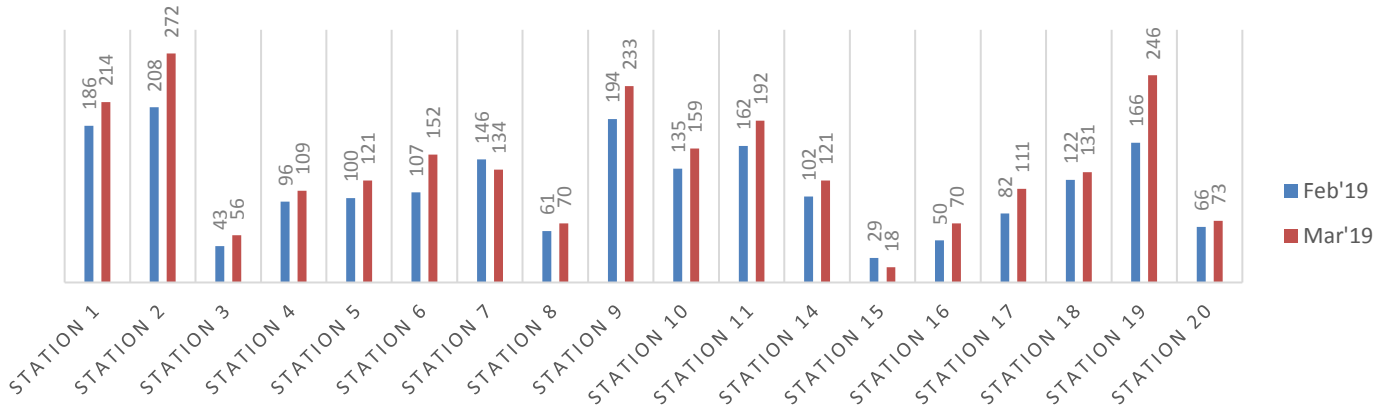
KCKFD Specialty Units responded to an incident 76 times in March 2019 and 41 times in February 2019. Our Specialty Units responded 94 times to an incident in March of 2018. This number is generated by CAD and NFIRS data. If more than one unit responded, each unit is counted as a response, however the incident is counted only once for our total response count.



KCKFD SUPPORT Units responded to an incident 396 times in March 2019 and 324 times in February 2019. This number is generated by CAD and NFIRS data. If more than one unit responded, each unit is counted as a response, however the incident is counted only once for our total response count. In March we began using new Support Unit numbers. In particular, our Fire Investigators used to be tracked by the shift the worked, ie. 1st shift investigator was Car 81, 2nd shift was Car 82, etc. Going forward all responses by a shift investigator will be calculated as Car 180, regardless of shift. Many of our chief officers respond to incidents, they will be included in the monthly report if their responses are of note.



CALLS BY STATION TERRITORY



Calls by station territory are determined by first due territory response. Apparatus often respond to incidents in first due territory other than their own. For example: If Pumper 20 responds to an incident in Pumper 19's first due territory, the activity will be reflected in Pumper 20's Response per Suppression Unit but in Station 19's Response by Station Territory. Note: The non-emergency transfers from PMC and KUMC, which elevated the data for Station 10 and Station 19, has been removed from the above table. 154 non-emergency transfers counted only in the EMS Unit that completed the transfer. There are 3 calls not accounted for on this graph. We responded on Mutual Aid 4 times to Bonner Springs.

Incident Types

111 Building fire	17
112 Fires in structure other than in a building	1
113 Cooking fire, confined to container	4
118 Trash or rubbish fire, contained	1
130 Mobile property (vehicle) fire, other	3
131 Passenger vehicle fire	8
132 Road freight or transport vehicle fire	1
142 Brush or brush-and-grass mixture fire	6
143 Grass fire	5
150 Outside rubbish fire, other	3
151 Outside rubbish, trash or waste fire	11
154 Dumpster or other outside trash receptacle fire	4
160 Special outside fire, other	2
251 Excessive heat, scorch burns with no ignition	1
300 Rescue, EMS incident, other	1
311 Medical assist, assist EMS crew	24



321 EMS call, includes calls where	1,312
3211 EMS Refusal	140
3212 EMS call No EMS needed	200
3213 Non-Emergency Transfer	154
322 Motor vehicle accident with injuries	41
3221 MVA with refusal	13
323 Motor vehicle/pedestrian accident (MV Ped)	1
324 Motor vehicle accident with no injuries.	28
331 Lock-in (if lock out , use 511)	1
353 Removal of victim(s) from stalled elevator	1
362 Ice rescue	1
381 Rescue or EMS standby	2
3811 Tactical Medic standby	4
400 Hazardous condition, other	1
412 Gas leak (natural gas or LPG)	23
423 Refrigeration leak	1
424 Carbon monoxide incident	4
440 Electrical wiring/equipment problem, other	4
441 Heat from short circuit (wiring), defective/worn	1
442 Overheated motor	4
443 Breakdown of light ballast	1
444 Power line down	7
4441 Utility lines down, not power	2
445 Arcing, shorted electrical equipment	3
463 Vehicle accident, general cleanup	1
500 Service Call, other	4
511 Lock-out	5
531 Smoke or odor removal	1
550 Public service assistance, other	11
551 Assist police or other governmental agency	6
552 Police matter	19
553 Public service	21
5531 Public Relations	2
554 Assist invalid	114
561 Unauthorized burning	24
600 Good intent call, other	2
611 Dispatched & canceled en route	136
622 No incident found on arrival at dispatch address	45
631 Authorized controlled burning	1
650 Steam, other gas mistaken for smoke, other	1
651 Smoke scare, odor of smoke	13



652 Steam, vapor, fog or dust thought to be smoke	1
653 Smoke from barbecue, tar kettle	1
661 EMS call, party transported by non-fire agency	1
671 HazMat release investigation w/no HazMat	5
700 False alarm or false call, other	15
710 Malicious, mischievous false call, other	1
711 Municipal alarm system, malicious false alarm	3
713 Telephone, malicious false alarm	1
715 Local alarm system, malicious false alarm	1
731 Sprinkler activation due to malfunction	1
733 Smoke detector activation due to malfunction	10
735 Alarm system sounded due to malfunction	16
736 CO detector activation due to malfunction	3
740 Unintentional transmission of alarm, other	3
741 Sprinkler activation, no fire - unintentional	2
743 Food on the stove/steam/cigarette smoke Automatic Fire Alarm	59
744 Detector activation, no fire - unintentional	6
745 Alarm system activation, no fire - unintentional	14
746 Carbon monoxide detector activation, no CO	4
814 Lightning strike (no fire)	3
911 Citizen complaint	1
Unknown	45

SMOKE DETECTOR INSTALLATIONS

In March 2019 KCKFD Crews installed 9 smoke detectors in 4 residences.

1st Shift

Pumper 5
Pumper 17

2nd Shift

Pumper 7

3rd Shift

Pumper 18

KCKFD crews have installed 19 smoke detectors in 2019.



MARCH PulsePoint

We've included statistics for our surrounding jurisdictions for comparison and interest.

	March 19' JOCO	March 19' KCFD	March 19' KCKFD	March 19' Olathe	Totals
Total number of followers	8213	10730	4204	3173	26,320
Total number of followers with CPR alerts enabled	4176	5139	2500	1569	13,384
SCA incidents	62	93	15	14	184
SCA incidents in public location	18	25	1	1	45
CPR Alerts sent	15	17	1	1	34
Number of devices alerted to CPR needed events	40	45	7	2	94
Total number of incident notifications	224	1068	155	63	1,510
Total number of incidents appearing in PulsePoint	4164	13863	2237	1284	21,548
Structure Fire notifications enabled	1626	2837	1294	728	6,485
Working Structure Fire notifications enabled	1653	2593	1234	693	6,173
Vegetation Fire notifications enabled	620	579	423	284	1,906
Working Vegetation Fire notifications enabled	678	640	425	302	2,045
Traffic Collision notifications enabled	1138	1604	794	506	4,042
Traffic Collision Expanded notifications enabled	1296	1619	817	580	4,312
Technical Rescue notifications enabled	498	608	344	171	1,621
Hazmat Response notifications enabled	1062	1146	702	487	3,397
Water Rescue notifications enabled	512	733	372	166	1,783
NEWS notifications enabled	897	936	549	393	2,775
CERT notifications enabled	772	785	461	317	2,335
DISASTER notifications enabled	1379	1623	860	546	4,408



EMS DIVISION

Transports:		TUKHS	656	YTD 1940
Mar 2019	1455	PMC	334	YTD 936
Mar 2018	1407	SMMC	157	YTD 433
		TMC-HH	052	
		CMH	043	
		Refusals	260 (and 4 Not Applicable for a total of 264 non-transport reports in Elite)	

Runs Per Month:

January	1,630
February	1,492
March	1,719

Mar 2019 Runs by Hour of Day:

00:00:00 - 00:59:59	52
01:00:00 - 01:59:59	37
02:00:00 - 02:59:59	33
03:00:00 - 03:59:59	45
04:00:00 - 04:59:59	51
05:00:00 - 05:59:59	43
06:00:00 - 06:59:59	47
07:00:00 - 07:59:59	50
08:00:00 - 08:59:59	59
09:00:00 - 09:59:59	85
10:00:00 - 10:59:59	84
11:00:00 - 11:59:59	104
12:00:00 - 12:59:59	101
13:00:00 - 13:59:59	109
14:00:00 - 14:59:59	82
15:00:00 - 15:59:59	92
16:00:00 - 16:59:59	88
17:00:00 - 17:59:59	92
18:00:00 - 18:59:59	97
19:00:00 - 19:59:59	90



20:00:00 - 20:59:59	72
21:00:00 - 21:59:59	83
22:00:00 - 22:59:59	69
23:00:00 - 23:59:59	54
Total: 1,719	

Mar 2019 Runs by Day of Week:

Sunday	268
Monday	254
Tuesday	229
Wednesday	234
Thursday	207
Friday	267
Saturday	260
Total: 1,719	

Mar 2019 Runs by Provider Impression:

Acute pain, not elsewhere classified (G89.1)	109
Acute abdomen discomfort pain (R10.0)	96
no complaints or findings; Adult, Encounter, (Z00.00)	91
Weakness (R53.1)	86
ALOC Altered mental status unspecified etiology (R41.82)	79
Seizures without status epilepticus (G40.909)	59
Behavioral/Psychiatric Disorder (F99)	55
Chest pain Angina (I20.9)	47
Back pain non traumatic (M54.9)	44
Trauma Injury of head (S09.90)	41
Chest Pain, Other (non-cardiac) (R07.89)	37
Syncope and collapse (R55)	33
Dizziness or light-headedness or vertigo (R42)	32
Alcohol use, unspecified with intoxication (F10.92)	30
Respiratory COPD with exacerbation (J44.1)	30
Anxiety (F41.9)	29
	27
Respiratory distress, acute (J80)	27
Acute Stroke suspected (I63.9)	24



Nausea and vomiting (R11)	24
Other reduced mobility (Z74.09)	23
Trauma injuries multi-system unspecified (T14.90)	23
Fever (R50.9)	21
Hypertension (I10)	21
Respiratory Asthma with exacerbation (J45.901)	21
Trauma Injury of face (S09.93)	21
Poisoning, drugs, medication, or other Intentional (T50.902)	

Mar 2019 Runs by Dispatch Reason:

Sick Person	332
Transfer/Interfacility/Palliative Care	176
Breathing Problem	162
Chest Pain (Non-Traumatic)	113
Falls	107
Traffic/Transportation Incident	107
Unknown Problem/Person Down	96
Convulsions/Seizure	89
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	64
Unconscious/Fainting/Near-Fainting	63
Hemorrhage/Laceration	47
Abdominal Pain/Problems	45
Assault	45
Overdose/Poisoning/Ingestion	42
Stroke/CVA	34
Heart Problems/AICD	31
Cardiac Arrest/Death	29
Diabetic Problem	27
Traumatic Injury	25
Back Pain (Non-Traumatic)	20
Pregnancy/Childbirth/Miscarriage	15



Mar 2019 Procedures Administered:

	1,147
Vascular - (IV)Extremity Vein Catheterization (392230005)	373
Cardiac - 12 lead ECG (268400002)	233
Assessment - Patient Assessment (422618004)	101
Cardiac - 4 lead ECG (428803005)	90
Vascular - Glucometer (Blood Glucose Check) (166900001)	39
Musculoskeletal - Cervical Collar Applied C-Collar (49689007)	30
Vascular - Saline Lock (425074000)	22
Respiratory - NC nasal cannula (371907003)	18
Cardiac - Defibrillation (Manual) (426220008)	14
Respiratory - CPAP (47545007)	10
Vascular - IO Intraosseous cannulation (430824005)	10
Musculoskeletal - Splinting (General) (79321009)	9
Respiratory - BVM Bagged Ventilations (Via Mask) (425447009)	8
Respiratory - ETCO2 Digital Capnography (425543005)	6
Soft Tissue - Wound Care (225358003)	6

of patients identified as meeting Trauma Routing Criteria (& transported RLS) - 13
 # of patients identified as meeting STEMI Routing Criteria - 10
 # of patients identified as meeting STROKE Routing Criteria - 23

Thanks for all you do to serve and protect our community!