

Denton County

ESD No. 1

Monthly Report



Monthly Activity Report

AUGUST 2023



Table of Contents

Basic Analytics	Page
DCESD 1 Personnel	3
Incident Counts	4-5
Municipality Volume	6
Response Times – 90 th Percentile and Average Response Times	7
Community Outreach Events & Fire Inspection Reports & Training Division	8



DCESD1 Personnel

Operations

Captains	9
Apparatus Operators (Engineers)	9
Full-Time Firefighters (active)	18
Part-Time Employees (active)	19
Injuries/light duty/inactive	2
Total	57

Fire Administration

Fire Chief	1
Assistant Chief	1
Division Chief	1
Administrative Assistant	1
Director of Communications & Public Outreach	1
Total	5

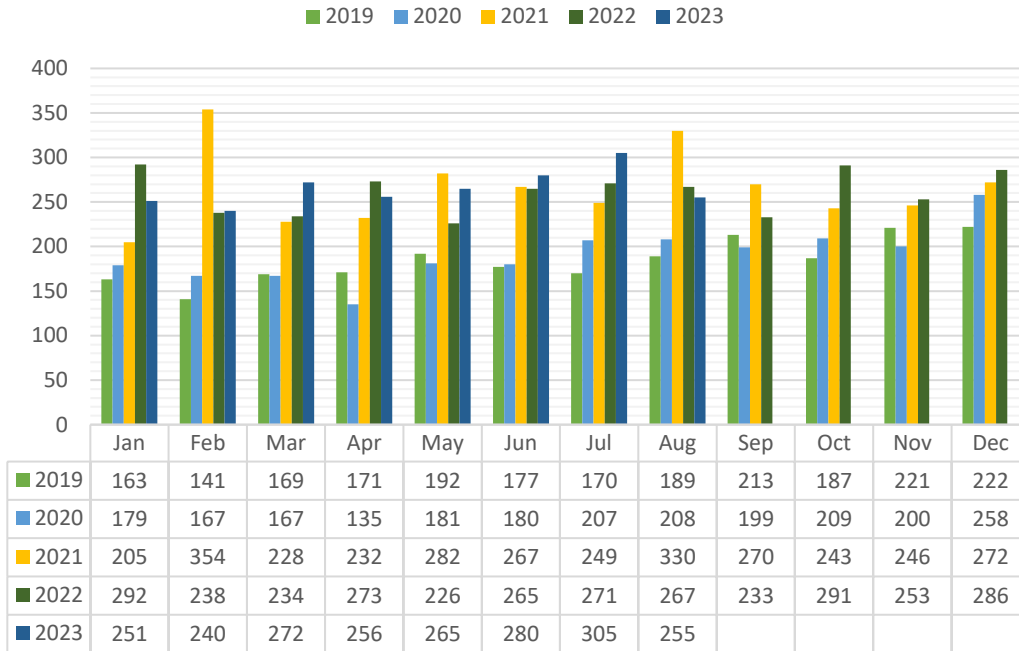
Department Paid Total	58
Department Total	62

Sworn Staff	60
Civilians	2
Operational Volunteers	5



DCESD Total Incident Count

**Comparison of Incidents
Over the past 5 years Month-by-Month**



Year-to-Date Totals

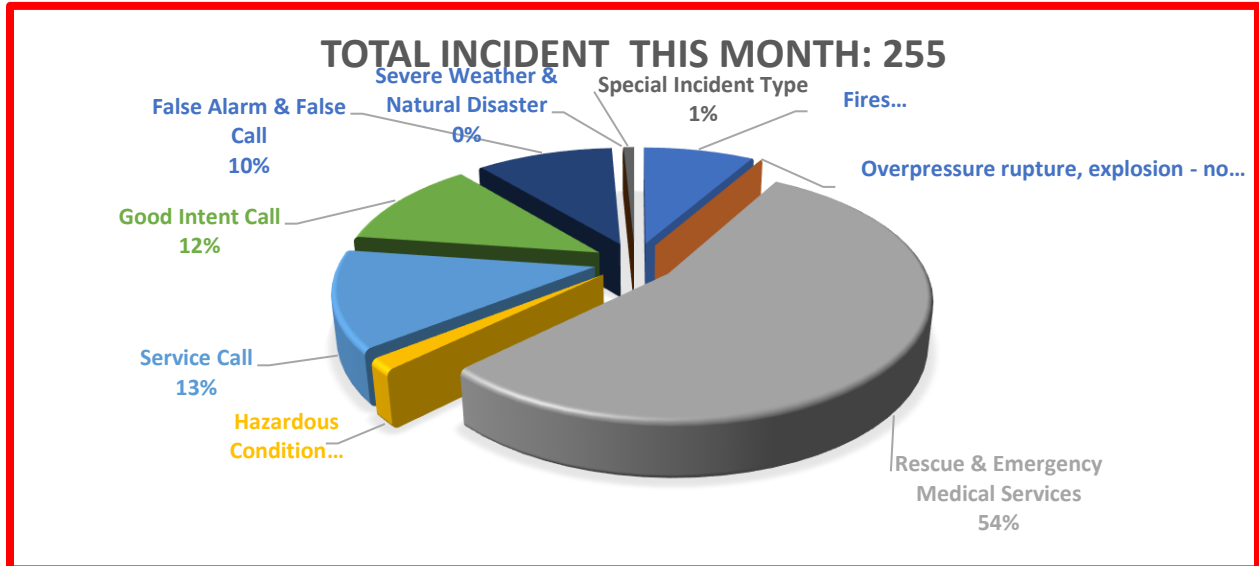
**Year-To-Date Comparison of
Incidents over 5 Years**



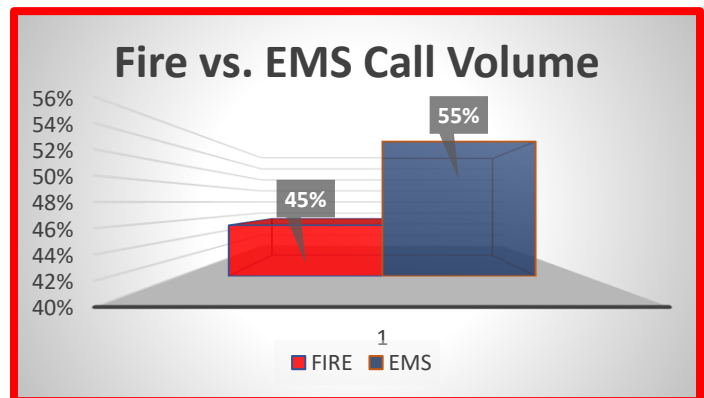
DCESD	YTD
2018	988
2019	1372
2020	1424
2021	2147
2022	2066
2023	2124



INCIDENT STATISTICS



Major Incident Types	
Fires	21
Rescue & Emergency Medical Services	139
Overpressure rupture, explosion – no fire	0
Hazardous Condition (No Fire)	4
Service Call	33
Good Intent Call	30
False Alarm & False Call	26
Special Incident	2

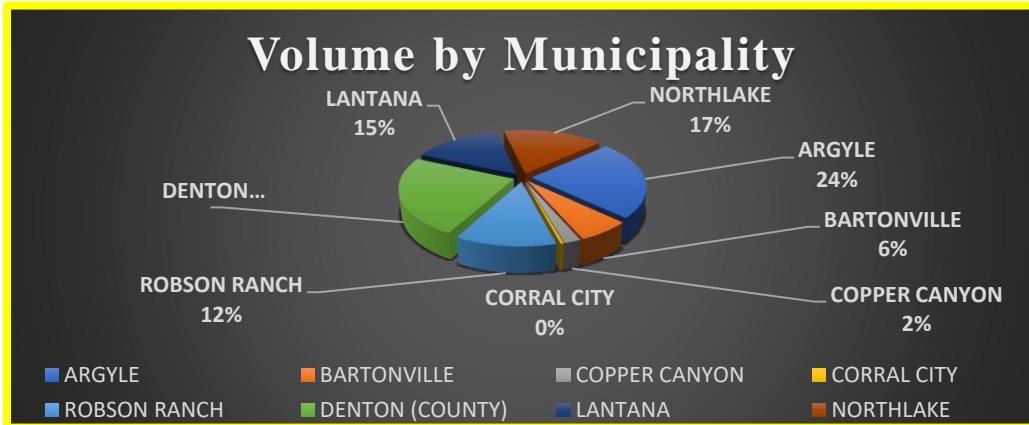


Percentage of Overlapping Calls

Overlapping Calls	
# OVERLAPPING	% OVERLAPPING
79	31%



Municipality Volume



INCIDENT TYPE	ARGYLE	BARTONVILLE	COPPER CANYON	CORRAL CITY	LANTANA	NORTHLAKE	ROBSON	UNINCORPORATED AREAS
111 - Building fire					1			1
113 - Cooking fire, confined to container								1
131 - Passenger vehicle fire	2							
134 - Water vehicle fire						1		
141 - Forest, woods or wildland fire							1	
142 - Brush or brush-and-grass mixture fire								1
143 - Grass fire	3	1				1		2
151 - Outside rubbish, trash or waste fire	1							4
321 - EMS call, excluding vehicle accident with injury	24	9	4	1	20	18	16	24
322 - Motor vehicle accident with injuries	3	2				1		1
324 - Motor vehicle accident with no injuries.	4	1			2	5		1
331 - Lock-in (if lock out , use 511)					1			
381 - Rescue or EMS standby	1							
412 - Gas leak (natural gas or LPG)						1		
420 - Toxic condition, other						1		
424 - Carbon monoxide incident							1	1
500 - Service Call, other	1	1						
511 - Lock-out	1				1	2		
520 - Water problem, other					1			
522 - Water or steam leak								1
550 - Public service assistance, other								1
552 - Police matter						1		
553 - Public service	3		1		1	1	4	1
554 - Assist invalid							7	
561 - Unauthorized burning	2							1
571 - Cover assignment, standby, moveup							1	
600 - Good intent call, other					1			
611 - Dispatched & cancelled en route	3				2	5		9
621 - Wrong location	1							
622 - No incident found on arrival at dispatch address	2				1			1
651 - Smoke scare, odor of smoke		1			1			
652 - Steam, vapor, fog or dust thought to be smoke						1		
700 - False alarm or false call, other	1							
730 - System malfunction, other						1		2
733 - Smoke detector activation due to malfunction	1				2	2		
735 - Alarm system sounded due to malfunction	3							
736 - CO detector activation due to malfunction					2			
740 - Unintentional transmission of alarm, other								1
743 - Smoke detector activation, no fire - unintentional	1							4
744 - Detector activation, no fire - unintentional	1	1						
745 - Alarm system activation, no fire - unintentional	1					1		2
900 - Special type of incident, other					1			
TOTAL INCIDENTS	59	16	5	1	37	42	30	59



Incident Response Times

90th Percentile Assessment

Lights and Sirens – 90 TH Percentile Time (Dispatch to Arrival)	
Overall	10:30
FIRE	11:10
EMS	10:13

Internal Compliance Goal: Less than 8-minute response time from dispatch to first unit on arrival time. Assessment is performed by taking the total number of incidents where lights and sirens were utilized while responding to the incident. The 90th percentile is obtained by placing all lights and siren calls in order from least to greatest by response times. Multiply the total number of calls by .90 which then results in the 90th percent incident. The response time for that incident number is the 90th percentile assessment.

NFPA 1710 Response Recommendations: Key performance objectives for...

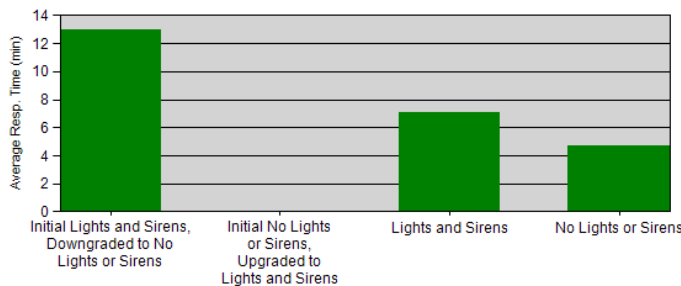
FIRE Response: (bunker gear required)

1. Turnout time: < 80 seconds
(1 minute: 20 seconds)
2. First Unit on scene: < 240 seconds
(4 minutes)

EMS Response: (no bunker gear required)

1. Turnout time: < 60 seconds
(1 minute)
2. First Unit on scene: < 240 seconds
(4 minutes)

Average Response and Turnout Time Assessment



Turnout Time

*Dispatch to Enroute Time

SHIFT	AVERAGE TURNOUT TIME
Total Average	0:01:26

RESPONSE MODE	TOTAL RESPONDING UNITS	AVERAGE RESPONSE TIME (minutes)
Initial Lights and Sirens, Downgraded to No Lights or Sirens	1	13:00
Initial No Lights or Sirens, Upgraded to Lights and Sirens	0	0:00
Lights and Sirens	416	7:12
No Lights or Sirens	22	4:68

Community Outreach Events

Fire Station Tours	1
Public Education Events	11
Ride Along (EMS Students)	12
Community CPR Classes	3
- Total CPR Students	80
Total Events	35

Training Division

Total ISO Training Hours Logged / Month	1390
- EMS Training Hours Logged / Month	252
- FIRE Training Hours Logged / Month	1022
- Administrative Training / Month	99

Fire Inspection Report

OCCUPANCY	COUNT
INSPECTION TYPE: Alarm System Test	
Low Hazard Storage	1
INSPECTION TYPE: Annual	
Day Care	1
INSPECTION TYPE: Certificate of Occupancy	
Assembly	2
Business Office	2
Elementary School	1
Intermediate School	2
Medical/Dental Office	1
Mercantile	2
Multi-Family Residential	1
INSPECTION TYPE: Fire Protection System Inspection	
Assembly	3
Auto Sales and Maintenance	1
Church/Places of Worship	1
Medical/Dental Office	1
Multi-Family Residential	1
Salon	1
Single Family Residence	22
Total # of Inspections:	43

Year-To-Date Fire Inspection Report

	YTD 2023	YTD 2022
Total # of Inspections:	267	188