

Denton County

ESD No. 1

Monthly Report



Monthly Activity Report

SEPTEMBER 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)	20
Part-Time Employees (active)	16
Injuries/light duty/inactive	2
Total	56

Fire Administration

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

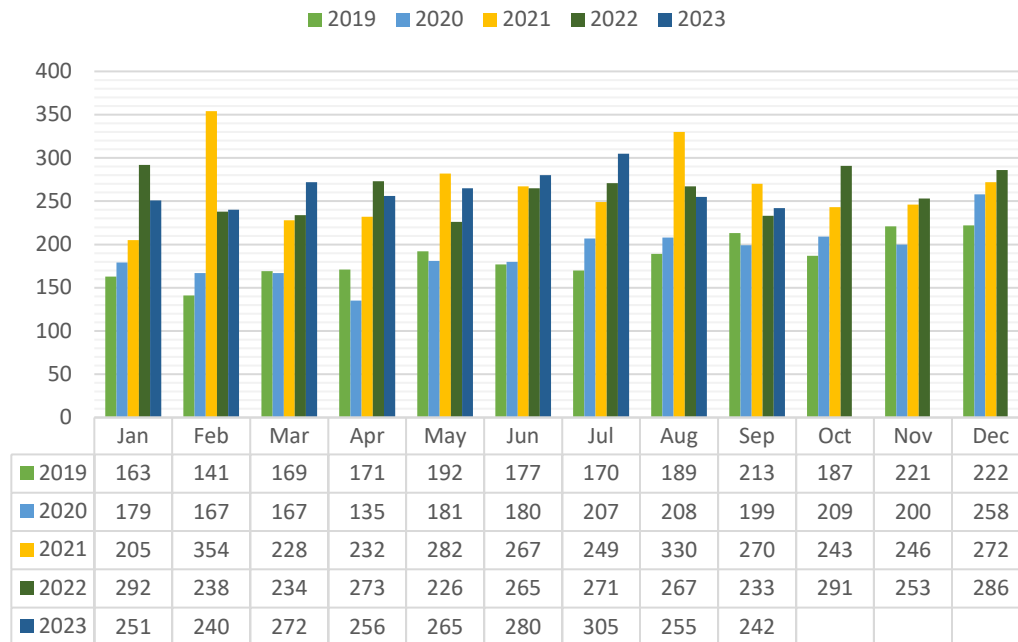
Department Paid Total	61
Department Total	65

Sworn Staff	59
Civilians	2
Operational Volunteers	4



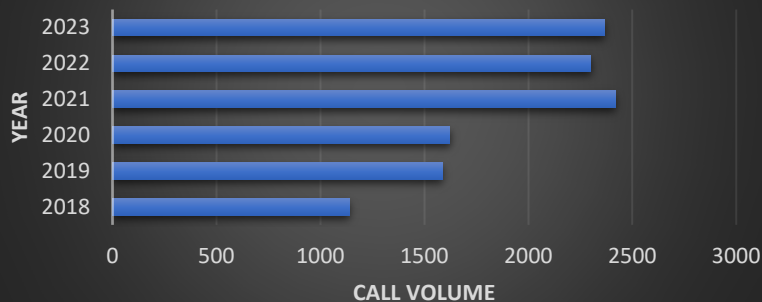
DCESD Total Incident Count

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



Year-to-Date Totals

Year-To-Date Comparison of Incidents over 5 Years

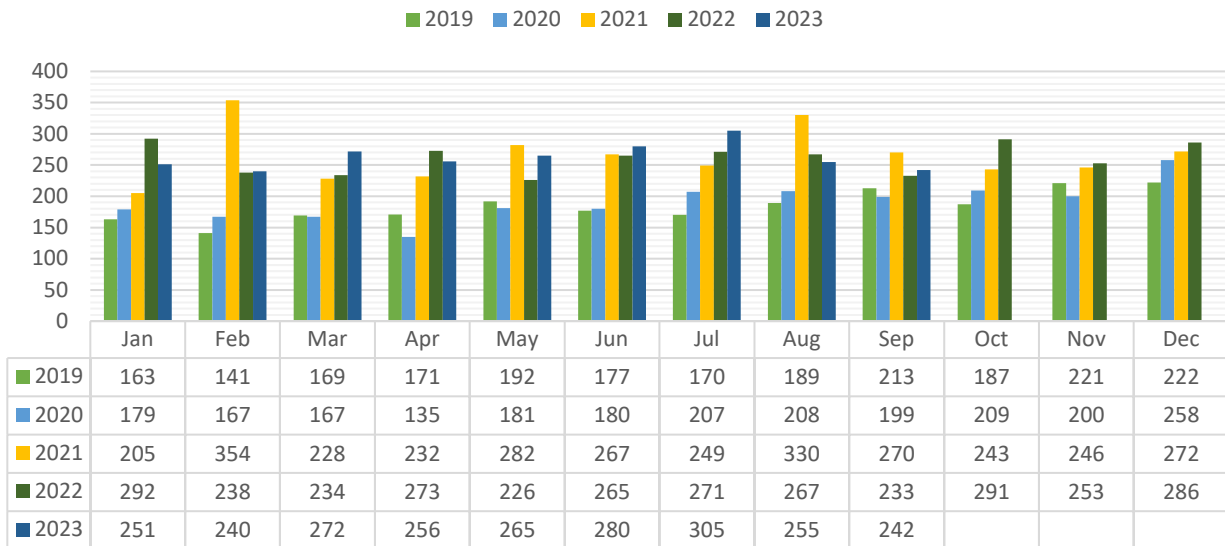


DCESD	YTD
2018	1138
2019	1585
2020	1623
2021	2417
2022	2299
2023	2366



INCIDENT STATISTICS

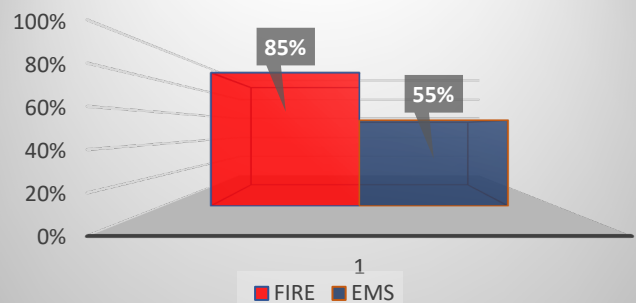
Comparison of Incidents Over the past 5 years Month-by-Month



Major Incident Types

Fires	13
Rescue & Emergency Medical Services	133
Overpressure rupture, explosion – no fire	0
Hazardous Condition (No Fire)	12
Service Call	26
Good Intent Call	23
False Alarm & False Call	31
Severe Weather & Natural Disaster	3
Special Incident	1

Fire vs. EMS Call Volume



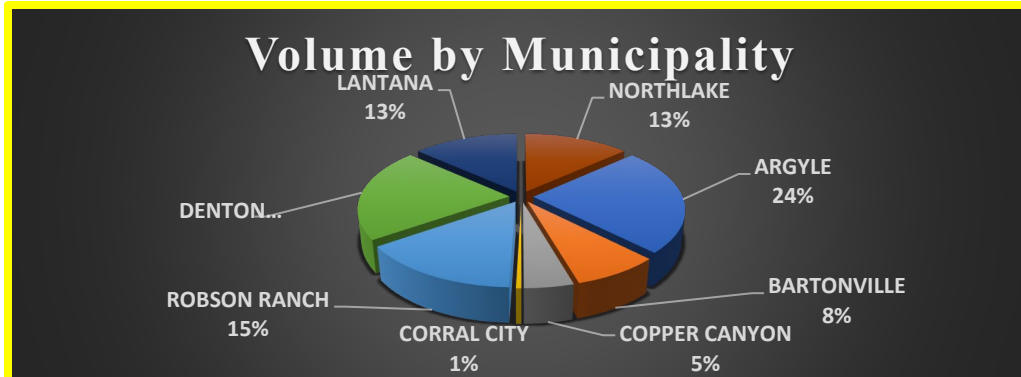
Percentage of Overlapping Calls

Overlapping Calls	
# OVERLAPPING	% OVERLAPPING
84	34.71%



Denton County ESD No. 1

SEPTEMBER 2023



INCIDENT TYPE	ARGYLE	BARTONVILLE	COPPER CANYON	CORRAL CITY	LANTANA	NORTHLAKE	ROBSON	UNINCORPORATED AREAS
111 - Building fire	1					2		
113 - Cooking fire, confined to container								1
116 - Fuel burner/boiler malfunction, fire confined								1
118 - Trash or rubbish fire, contained	1					1		
131 - Passenger vehicle fire						1		
143 - Grass fire						2	2	
311 - Medical assist, assist EMS crew	1							
321 - EMS call, excluding vehicle accident with injury	17	9	5		19	22	17	20
322 - Motor vehicle accident with injuries	4	1		1		4		2
324 - Motor vehicle accident with no injuries.			2			1		1
381 - Rescue or EMS standby	3							
411 - Gasoline or other flammable liquid spill	1	1						
412 - Gas leak (natural gas or LPG)	2				2	3		2
424 - Carbon monoxide incident						1		
500 - Service Call, other	2					1		
510 - Person in distress, other	1							
511 - Lock-out						1		2
520 - Water problem, other					1	1		
531 - Smoke or odor removal					1			
541 - Animal problem						1		
542 - Animal rescue								1
551 - Assist police or other governmental agency		1						
553 - Public service					1			2
554 - Assist invalid	1						6	
561 - Unauthorized burning	1							
600 - Good intent call, other							1	
611 - Dispatched & cancelled en route	3	1			1	8	1	3
621 - Wrong location								1
622 - No incident found on arrival at dispatch address	2		1					
700 - False alarm or false call, other						2		1
711 - Municipal alarm system, malicious false alarm			1					
733 - Smoke detector activation due to malfunction	2							
735 - Alarm system sounded due to malfunction	1	1						1
736 - CO detector activation due to malfunction					1	1	1	1
740 - Unintentional transmission of alarm, other	1							
741 - Sprinkler activation, no fire - unintentional						1		
743 - Smoke detector activation, no fire - unintentional	2				1	1	1	
744 - Detector activation, no fire - unintentional								
745 - Alarm system activation, no fire - unintentional	1	1				3		4
746 - Carbon monoxide detector activation, no CO	1							1
814 - Lightning strike (no fire)		1				1	1	
900 - Special type of incident, other	1							
TOTAL INCIDENTS	49	16	9	1	27	58	30	44



Incident Response Times

90th Percentile Assessment

Lights and Sirens – 90 TH Percentile Time (Dispatch to Arrival)	
Overall	10:48
FIRE	10:48
EMS	10:44

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...

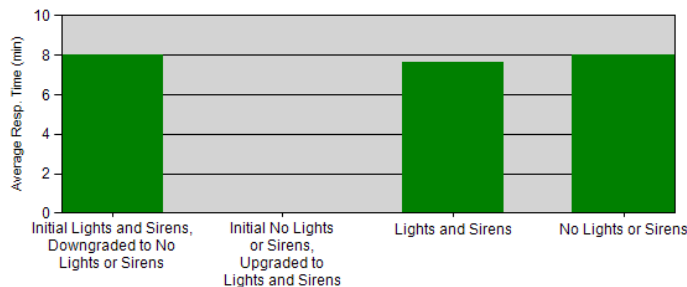
FIRE Response: (bunker gear required)

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

FD	AVERAGE TURNOUT TIME
Total Average	0:01:20

RESPONSE MODE	TOTAL RESPONDING UNITS	AVERAGE RESPONSE TIME (minutes)
Initial Lights and Sirens, Downgraded to No Lights or Sirens	1	8:00
Initial No Lights or Sirens, Upgraded to Lights and Sirens	0	0:00
Lights and Sirens	374	7:66
No Lights or Sirens	28	8:04

Community Outreach Events

Fire Station Tours	1
Public Education Events	20
Ride Along (EMS Students)	7
Community CPR Classes	1
- Total CPR Students	15
Total Events	29

Training Division

Total ISO Training Hours Logged / Month	1490
- EMS Training Hours Logged / Month	168
- FIRE Training Hours Logged / Month	1262
- Administrative Training / Month	60

Fire Inspection Report

OCCUPANCY	COUNT
INSPECTION TYPE: Certificate of Occupancy	
Assembly	1
Auto Sales and Maintenance	1
Business Office	14
Multi-Family Residential	2
INSPECTION TYPE: Fire Protection System Inspection	
Auto Sales and Maintenance	1
Business Office	1
Intermediate School	2
Salon	1
Single Family Residence	14
Total # of Inspections:	37

Year-To-Date Fire Inspection Report

	YTD 2023	YTD 2022
Total # of Inspections:	321	217