



DENVER HEALTH 2022 Paramedic Division Annual Report



Systems Volumes

	2019	2020	2021	2022
Incidents	128,988	116,778	131,668	132,964
Responses	128,177	115,440	128,990	127,722
Transports	79,291	71,550	81,293	80,969



Response Time Compliance

	2019	2020	2021	2022
Goal	9:00	9:00	9:00	9:00
90th Percentile	9:19	8:57	10:04	10:57
% Compliant	88.6%	90.3%	84.8%	81.1%



Responses by Priority

	2021	2021	2022	2022
Priority	Number	Percentage	Number	Percentage
Emergency	83,161	70.06%	80,527	72.42%
Non-Emergency	34,556	29.11%	30,292	27.24%
Other	977	0.82%	348	0.31%



Other System Highlights

Intervention	2021 count	2022 count
Field deliveries	19	11
Naloxone administrations	1,355	1,314
STEMI's recognized (cardiac alerts documented)	37	33
CPAP	377	478
Hearts Defibrillated	529	539
Tourniquets placed	57	69
Pleural decompressions	55	49
Code 10 trauma returns	1,047	1,024
Advanced airways placed	851	821
Surgical airways placed	3	4
Cardiac arrest patients saved	74	*
IOs placed	494	443

*Cardiac arrest survival data not available till May 2023

Transports by Age

	Transports	Percent
Under 10	2,559	2.4%
10-19	4,978	4.7%
20-29	16,624	15.7%
30-39	18,582	17.5%
40-49	14,524	13.7%
50-59	17,589	16.6%
60-69	15,164	14.3%
70-79	8,589	8.1%
80-89	5,232	4.9%
90+	2,209	2.1%

Mechanisms of Injury

	Patients	Percent
Falls	10,601	40.7%
Assault	4,486	17.2%
Motorized Vehicle Accident	5,866	22.5%
Sharp Objects	543	2.1%
Intentional Self Harm	662	2.5%
Struck by Object	460	1.8%
Pedestrian - Vehicle Accident	610	2.3%
Firearms*	286	1.1%
All Others	2,516	9.7%
TOTAL	26,030	100.0%



Fleet

Unit Type	Units	Miles Driven	Service Cycles
Ambulances	39	1,182,543	320
ESP	5	40,126	10
Command	20	181,764	39
Star	5	18,190	0
TOTAL	69	1,422,623	369

C10 Trauma Scene Times

	Transports 2021	Median Scene Time 2020	Transports 2022	Median Scene Time 2022	Goal
Blunt Trauma	420	0:07:12	325	0:08:06	9:00
Penetrating Trauma	257	0:04:37	250	0:04:37	6:00

Median elapsed transport ambulance scene time from time of arrival to departure for trauma patient meeting emergency transport criteria. Exclusions to this are extrication delays, patient access/staging, and multiple patient incidents.

Education: Student completions taught by our EMS Education Staff at Rita Bass

Course Type	Successfully Complete Students
ACLS Provider (initial certification)	64
ACLS Renewal	86
Basic ECG	69
BLS Provider (CPR/AED)	492
BLS Instructor	11
Coursera	99
Heartcode ACLS	11
Heartcode BLS	8
Heartcode PALS	2
Heartsaver (Community) First Aid/ CPR/AED Students	61
Heartsaver Instructor	7
IV Therapy	177
PALS Instructor	10
PALS Provider (initial certification)	60
PALS Renewal	40
EMT	233
Paramedic	76



DISPATCH:

Incidents generated

135,377

AMB OPS

1,197,665

ETAC Channels

1,196,041

Denver CARES Channel

115,423

Green1

255,526

All transmissions for DH Channels

2,811,183

Hours worked

33,128

Overtime hours

3,956

DISPATCH COMMAND:

5 lieutenants + 1 captain worked
1,843.5 hours of overtime



Staffing

Paramedics	173
EMTs	44
VSTs	15
Fleet	6
EMS Educators	11
Dispatchers	12
Command Staff	37
Administrative	5
Emergency Management	2
DFD Educators	4
Intermittent Medics/EMTs	41
Intermittent Dispatchers	7

CARES VAN

6,067 responses

4,805 transports

DENVER INTERNATIONAL AIRPORT

8,917 responses

2,918 transports

24 average calls per day

Staffed first ever Runway at DEN 5k Run

STAR VAN

7,926 STAR responses

10 STAR employees

10 WellPower clinicians

GARAGE

19,250 ambulances cleaned + turned by
Vehicle Support Technicians (VST)

COMMAND

Operations center staffed

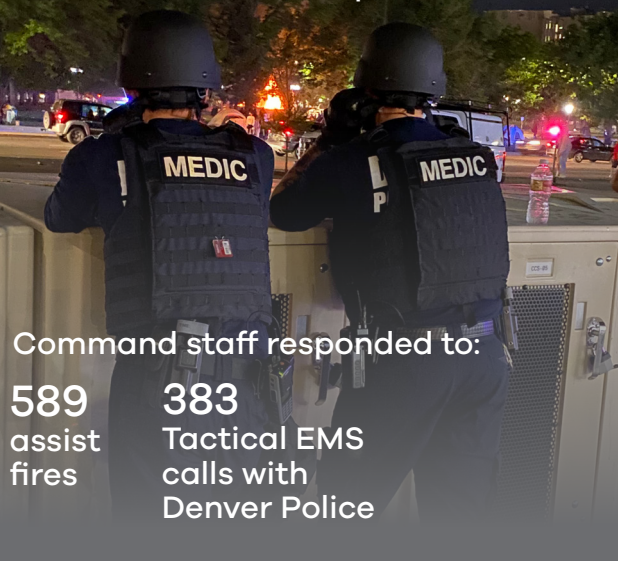
24/7, 365 DAYS by

17 field lieutenants and

4 operations captains

2,301

overall Command Responses



Command staff responded to:

589
assist
fires

383
Tactical EMS
calls with
Denver Police



SPECIAL EVENTS

- 81 home Rockies games
- 8 home Broncos games + 2 preseason games
- 5 large concerts
- NYE fireworks
- St. Patrick's Day Parade
- Monster Jam and Supercross
- Avalanche Stanley Cup parade and rally

COORS FIELD

480 shifts, 904 hours of straight time, 2,046 hours of overtime

EMPOWER FIELD

227 shifts, 457 hours of straight time, 1,487 hours of overtime

MISCELLANEOUS HOURS

422 hours of straight time, 375 hours of overtime



BIKE TEAM

- 38 active team members
- 298 bikes deployed to cover 98 events
- 30 upgrades to Volcanic mountain bikes from the Denver Health Foundation
- 65 new helmets equipped with MIPS (Multi-Directional Impact Protection System) technology from Denver Health Foundation
- 32 hours of classroom and riding education
- 14 new members completed IPMBA (International Police Mountain Bike Association) classes
- 2 completed IPMBA instructor course

