

2024

# Office of EMS and Trauma

## Annual Report



# CONTENTS

MISSION, VISION, CORE VALUES .....	3
MESSAGE FROM THE DIRECTOR.....	4
INTRODUCTION.....	6
WEBSITE .....	7
OEMST STAFF .....	8
SYSTEMS OF CARE STAFF .....	9
REGIONAL STAFF.....	10
EMERGENCY MEDICAL SERVICES.....	11
EMS THEN AND NOW .....	12
EMS OPERATIONS (STATEWIDE) .....	13
KEY PERFORMANCE MEASURES.....	19
EMS EDUCATION (STATEWIDE) .....	33
EMS ADVISORY COUNCIL (EMSAC) .....	35
EMS MEDICAL DIRECTORS' ADVISORY COUNCIL (EMSMDAC) .....	37
REGIONAL EMS ADVISORY COUNCILS (REMSAC).....	39
EMS ZONING.....	40
EMS REGIONS .....	41
REGION 1.....	42
REGION 2.....	48
REGION 3.....	54
REGION 4.....	60
REGION 5.....	66
REGION 6.....	72
REGION 7.....	78
REGION 8.....	84
REGION 9.....	90
REGION 10.....	96
SYSTEMS OF CARE .....	102
EMERGENCY CARDIAC CARE SYSTEM.....	103
TRAUMA SYSTEM .....	109
GEORGIA COVERDELL ACUTE STROKE REGISTRY .....	113
EMS FOR CHILDREN (EMSC).....	116
REFERENCES .....	123



# MISSION, VISION, CORE VALUES

## MISSION

The mission of the Georgia Office of EMS and Trauma is to reduce death and disability by providing regulation, guidance, and leadership to enable the assessment, planning, development, and promotion of statewide Emergency Medical Services and time-sensitive systems of care.

## VISION

A Safe and Healthy Georgia- exceptional patient outcomes through comprehensive, statewide, integrated, data-driven, equitable, and people-centered Emergency Medical Services and time-sensitive systems of care.

## CORE VALUES

**People** – We value our employees as professional colleagues. We treat our customers, clients, partners, and those we serve with respect by listening, understanding, and responding to needs.

**Excellence** – Commitment, accountability, and transparency for optimal efficiency, effective, and responsive performance.

**Partnership** – Internal and external teamwork to solve problems, make decisions, and achieve common goals.

**Innovation** – New approaches and progressive solutions to problems. Embracing change and accepting reasonable risk.

**Science** – The application of the best available research, data, and analysis leading to improved outcomes.

# MESSAGE FROM THE DIRECTOR



**Michael B. Johnson, MS, NRP**  
Director, Office of EMS and  
Trauma

I want to take this moment to reflect on the immense challenges and extraordinary service that defined our profession in 2024. Your unwavering commitment and courage in the face of unprecedented events were truly inspiring.

2024 tested our resolve in ways we could not have predicted. The tragedy at Apalachee High School on September 4th stands as a grim reminder of the nature of the work you do. Your rapid response to this mass casualty incident, your collaborative efforts with law enforcement, and your compassionate care for both the physically wounded and those suffering from severe panic and anxiety were nothing short of heroic. We know that such an event takes a profound emotional toll on everyone involved, and your professionalism under pressure saved lives and brought comfort to a community in crisis.

Just weeks later, Georgia faced another immense trial with the arrival of Hurricane Helene. The storm's heavy rains caused historic flooding, led to widespread power outages, and left a path of destruction that claimed dozens of lives across the state. Amidst flooded roads and treacherous conditions, you worked tirelessly to conduct search and rescue operations, transport patients, and support your neighbors.

Beyond these major disasters, 2024 was also a year of important conversations and advancements within our field as we continued to grapple with historical challenges like workforce retention, lengthy wall-times, and increasing 9-1-1 and interfacility transfer requests.

The collective efforts of the EMS community, the countless routine calls, the disaster preparation, and the response to the unimaginable demonstrate the backbone of our state's public safety. You are the embodiment of resilience and dedication. Thank you for your service, your sacrifices, and your courage. We will carry the lessons of 2024 forward as we continue to build a stronger and more supportive EMS system for all Georgians.

**Michael B. Johnson, MS, NRP**  
Director, Office of EMS and Trauma

# STATE EMS MEDICAL DIRECTOR



**Patrick D. McDougal, M.D.,  
FACEP**  
State EMS Medical Director

To EMS Professionals and Pre-hospital providers,

I am the State of Georgia EMS medical director with the State Office of EMS/Trauma. I have had the honor to serve in this position for the last two years, where I work with the leadership team at the State Office. I advise the team on matters regarding standards of care and scope of practice, serve as a liaison between the state and national medical director councils and communities, and assist with developing policies and procedures produced by the State.

I started my career in medicine as a Georgia Army National Guard combat medic and obtained my Georgia EMT license in 1994. I worked for several EMS agencies in the Metro Atlanta area for several years as an EMT and then as a paramedic before attending medical school and completing a residency in Emergency Medicine at the Medical College of Georgia. I am currently board-certified in both Emergency Medicine and EMS. In addition to my duties at the State Office, I continue to work as a physician in an Atlanta area emergency department and serve as a local EMS medical director.

I see a very bright future for the field of EMS in Georgia as we continue to expand the scope of practice with the Critical Care paramedic level, as well as the paramedic, AEMT, EMT, and EMT-R levels. I foresee prehospital providers continuing to serve a larger and more important role in our healthcare system. Georgia paramedics and EMTs have the capability to care for their communities in new and innovative ways that other providers simply cannot do as well.

Our commitment at the State Office of EMS/Trauma is to always advocate for and support our many dedicated, professional providers who work every day to improve the lives of their fellow citizens and visitors to the State of Georgia.

**Patrick McDougal, MD, FACEP, FAEMS**

State EMS Medical Director  
Office of EMS and Trauma



# INTRODUCTION

The 2024 EMS Annual Report from the Office of EMS and Trauma (OEMST) is an overview of EMS data that provides an operating report, organization description, and basic statistical data of Emergency Medical Services (EMS) in Georgia. The contents of the report correspond with the regulatory records of the Georgia Office of EMS and Trauma, Division of Health Protection, Department of Public Health. The statistical data represented in the tables and charts were collected from the Patient Care Reports and other operating data from January 1, 2024, through December 31, 2024. The statistics in this document will provide a baseline for continuous examination, comparison, and improvement of the Georgia EMS operations statewide.

The purpose of this report is to provide background information on EMS systems, councils, and regions, and to inform the EMS community, the public, and the decision makers about current performance measures related to EMS and all systems of care that include Trauma, Cardiac, Stroke, and Pediatrics. The contents of this report include a high-level overview of the following: background of EMS in Georgia, regional data, statewide councils, and the clinical and performance data for EMS and systems of care.

The Georgia Department of Public Health, Office of EMS and Trauma would like to thank all the EMS agencies, licensed medics, designated facilities, the Trauma Commission, all state and regional councils, Regional Directors, Regional Training Coordinators, EMS Education Programs, Systems of Care and Office Staff at the Office of EMS and Trauma that contributed data and worked to improve the quality of data received.

# WEBSITE

An official website of the State of Georgia. How you know ▾



GEORGIA DEPARTMENT of  
PUBLIC HEALTH

MENU

The Department of Public Health website for EMS has a wealth of information. It provides resources and information for current licensed EMS personnel and EMS agencies, prospective students seeking licensure, and our entire EMS community. Our website is frequently updated with upcoming topics of interest, licensure updates, meetings, new policies, etc., to promote better communication within the EMS community.

- Public Notices, Regional and Statewide Meetings
- License Management System
- EMS Policies, Rules, and Regulations
- EMS Protocols and Scope of Practice
- EMS Agency and Personnel Licensure
- Post-Licensure Skills (PLS) for Paramedics
- Georgia EMS Workforce Distribution Dashboard
- EMS Initial/Continuing Education
- EMS Instructor Licensure
- TRAIN Georgia
- EMS Data and Reporting
- Regional EMS Systems
- Specialty Care Centers
- Office of Cardiac Care
- Trauma Program
- Georgia EMS Education Dashboard
- Emergency Medical Services for Children (EMSC)
- Ambulance Patient Offload Time

dph.ga.gov/EMS





# OEMST STAFF

---

## Leadership

**Michael Johnson**

Director  
[michael.johnson@dph.ga.gov](mailto:michael.johnson@dph.ga.gov)

**Richard Rhodes**

Deputy Director of Education  
[richard.rhodes@dph.ga.gov](mailto:richard.rhodes@dph.ga.gov)

**Kelly Joiner**

Deputy Director  
[kelly.joiner@dph.ga.gov](mailto:kelly.joiner@dph.ga.gov)

**Dr. Patrick McDougal**

State EMS Medical Director  
[patrick.mcdougal@dph.ga.gov](mailto:patrick.mcdougal@dph.ga.gov)

---

## Licensing and Compliance

**Linda Strickland**

Agencies  
[linda.strickland@dph.ga.gov](mailto:linda.strickland@dph.ga.gov)

**Jassene Williams**

Personnel  
[jassene.williams@dph.ga.gov](mailto:jassene.williams@dph.ga.gov)

**Sharisse DuBose**

Compliance  
[sharisse.dubose@dph.ga.gov](mailto:sharisse.dubose@dph.ga.gov)

---

## Clinical Data

**Dipti Patel**

EMS Data Manager  
[dipti.patel@dph.ga.gov](mailto:dipti.patel@dph.ga.gov)

**Tina Wright**

GEMSIS System Administrator  
[tina.wright@dph.ga.gov](mailto:tina.wright@dph.ga.gov)

**Ashton Harris**

EMS Epidemiologist  
[ashton.harris@dph.ga.gov](mailto:ashton.harris@dph.ga.gov)

---

## OEMST Administrator Specialist

**Alyssia Geist**

[Alyssia.geist@dph.ga.gov](mailto:Alyssia.geist@dph.ga.gov)

---

## Emergency Preparedness

**Peki Prince**

Program Coordinator  
[margaret.prince@dph.ga.gov](mailto:margaret.prince@dph.ga.gov)

# SYSTEMS OF CARE STAFF

---

## Leadership

### **April Moss**

Deputy Director  
[april.moss@dph.ga.gov](mailto:april.moss@dph.ga.gov)

### **Dr. Shehzad Muhamed**

Systems of Care Medical Director  
[shehzad.Muhamed@dph.ga.gov](mailto:shehzad.Muhamed@dph.ga.gov)

---

## Emergency Cardiac Care System

### **Tiffany Harris**

Cardiac Epidemiologist  
[tiffany.harris1@dph.ga.gov](mailto:tiffany.harris1@dph.ga.gov)

### **Maureen Frazier**

GCaR Administrator  
[maureen.frazier@dph.ga.gov](mailto:maureen.frazier@dph.ga.gov)

### **Juana Smith**

Business Support Analyst II  
[juana.smith@dph.ga.gov](mailto:juana.smith@dph.ga.gov)

## Georgia Coverdell Acute Stroke Registry

### **Stacy Buffington**

Stroke Program Coordinator  
[stacy.buffington@dph.ga.gov](mailto:stacy.buffington@dph.ga.gov)

### **Teri Newsome**

QI Consultant  
[dph-phemsinfo@dph.ga.gov](mailto:dph-phemsinfo@dph.ga.gov)

### **Moges Ido**

Stroke Epidemiologist  
[Ido.moges@dph.ga.gov](mailto:Ido.moges@dph.ga.gov)

## Trauma System

### **Stacey Smith**

Trauma Program Coordinator  
[stacey.smith2@dph.ga.gov](mailto:stacey.smith2@dph.ga.gov)

### **Marie Probst**

State Trauma Registrar  
[marie.probst@dph.ga.gov](mailto:marie.probst@dph.ga.gov)

### **Danlin Luo**

Trauma Epidemiologist  
[danlin.Luo@dph.ga.gov](mailto:danlin.Luo@dph.ga.gov)

---

## EMS for Children (EMS-C)

### **Samantha Sindelar**

Program Manager  
[samantha.sindelar@dph.ga.gov](mailto:samantha.sindelar@dph.ga.gov)



# REGIONAL STAFF

## REGION 1

### **Jordan Pierson**

Regional EMS Director  
[jordan.pierson@dph.ga.gov](mailto:jordan.pierson@dph.ga.gov)

### **Scott Lewis**

Regional Training Coordinator  
[wendall.lewis@dph.ga.gov](mailto:wendall.lewis@dph.ga.gov)

## REGION 2

### **Lanier Swafford**

Regional EMS Director  
[lanier.swafford@dph.ga.gov](mailto:lanier.swafford@dph.ga.gov)

### **Brandin Gillman**

Regional Training Coordinator  
[brandin.gillman@dph.ga.gov](mailto:brandin.gillman@dph.ga.gov)

## REGION 3

### **EJ Dailey**

Regional EMS Director  
[dph-phemsinfo@dph.ga.gov](mailto:dph-phemsinfo@dph.ga.gov)

### **Melody Hardwick**

Assistant Regional EMS Director  
[Melody.hardwick@dph.ga.gov](mailto:Melody.hardwick@dph.ga.gov)

### **Mark Shirley**

Safety and Compliance Specialist  
[dph-phemsinfo@dph.ga.gov](mailto:dph-phemsinfo@dph.ga.gov)

## REGION 4

### **Vincent Harris**

Regional EMS Director  
[vicent.harris@dph.ga.gov](mailto:vicent.harris@dph.ga.gov)

### **Tamantha Cumbie**

Regional Training Coordinator  
[tamantha.cumbie@dph.ga.gov](mailto:tamantha.cumbie@dph.ga.gov)

## REGION 5

### **Michelle Archer**

Regional EMS Director  
[michelle.archer@dph.ga.gov](mailto:michelle.archer@dph.ga.gov)

### **Amber Merritt**

Regional Training Coordinator  
[amber.merritt@dph.ga.gov](mailto:amber.merritt@dph.ga.gov)

## REGION 6

### **Gary Pinard**

Regional EMS Director  
[gary.pinard@dph.ga.gov](mailto:gary.pinard@dph.ga.gov)

### **Heather Reddick**

Regional Training Coordinator  
[heather.reddick@dph.ga.gov](mailto:heather.reddick@dph.ga.gov)

## REGION 7

### **Frank Killebrew**

Regional EMS Director  
[charles.killebrew@dph.ga.gov](mailto:charles.killebrew@dph.ga.gov)

### **Jennifer Weatherby**

Regional Training Coordinator  
[jennifer.weatherby@dph.ga.gov](mailto:jennifer.weatherby@dph.ga.gov)

## REGION 8

### **Kenneth Warren**

Regional EMS Director  
[kenneth.warren1@dph.ga.gov](mailto:kenneth.warren1@dph.ga.gov)

### **Jonathan Lieupo**

Regional Training Coordinator  
[jonathan.lieupo@dph.ga.gov](mailto:jonathan.lieupo@dph.ga.gov)

## REGION 9

### **Robert Shad**

Regional EMS Director  
[dph-phemsinfo@dph.ga.gov](mailto:dph-phemsinfo@dph.ga.gov)

### **Bernie Restrepo**

Regional Training Coordinator  
[bernard.restrepo@dph.ga.gov](mailto:bernard.restrepo@dph.ga.gov)

## REGION 10

### **Anna Sheridan**


Regional EMS Director  
[anna.sheridan@dph.ga.gov](mailto:anna.sheridan@dph.ga.gov)

### **Mark Hollingsworth**

Regional Training Coordinator  
[markryan.hollingsworth1@dph.ga.gov](mailto:markryan.hollingsworth1@dph.ga.gov)



# EMERGENCY MEDICAL SERVICES



Georgia EMS represents a broad and complex group of private, community, and governmental organizations. EMS regulations cover the entire spectrum of emergency care from activation of the 911 system, prehospital medical treatment, and transportation to the hospital or definitive care facilities.

The Georgia EMS systems and programs are an integral part of healthcare and provide emergency health services for Georgia citizens and visitors.

Additionally, EMS plays a critical role in Emergency Preparedness. This includes improving awareness in disaster management, community health, and providing resources. The following are a few ways EMS contributes to community and public health:

- Planning and preparing for medical responses to disease outbreaks.
- Planning and preparing for mass gatherings.
- Planning and preparing for bioterrorism.
- Planning and preparing for mass evacuations.
- Planning and preparing for systems of care (Cardiac, Trauma, Stroke, and Pediatrics)



# EMS THEN AND NOW

EMS has been in Georgia for over 50 years. EMS in Georgia began with funeral homes as the primary ambulance providers and were just a transportation for the patient to the local hospital, where treatment was initiated. EMS providers were initially trained in basic life support (BLS), which included CPR, basic airway management, and skills for managing cardiovascular emergencies. In 1973, Congress passed the Emergency Medical Services Act. This established the necessity of EMS communication, transportation, and certain public health functions (Harvey, 1974). The Georgia General Assembly recognized at the same time the value of EMS and its importance to the people of Georgia. Legislation became known as *Title 31, Chapter 11 of the Official Code of Georgia Annotated* (O.C.G.A. Title 31, 2023). The functions of the law are administered by the OEMST.

In 1974, Georgia prepared the first statewide EMS plan, which later evolved in the 1980s. In the late 1990s, the plan was revised to meet the progression of federal legislation, block grants, state government stakeholders, and the activities of the professional and dedicated staff. In 1996, the state of Georgia used an EMS Planning Task Force team, which included private and public EMS services, OEMST, and the ten regional offices, to determine the long-range goals and create a new plan. These efforts resulted in the publication of the *State EMS Plan* in 1998 (Frederic J. Grant IV, 2006).

In 2003, the state utilized three stakeholder committees that included EMS professionals from all ten EMS regions to participate in the development of the Georgia Emergency Medical Services Information System (GEMSIS) plan. The three committees included infrastructure, data, and reporting. In 2004, the GEMSIS plan was published and guided the strategic development plan through 2007 (Frederic J. Grant IV, 2006). The plan areas included:

- EMS Strategy Development
- Comprehensive EMS Data Collection
- Published EMS Information Baseline
- Formalized EMS Benchmarks
- Standardized EMS Data Utilization
- EMS CQI
- EMS Training Curriculum
- EMS Research
- Uniform Rules and Regulations Administration
- EMS Regulatory Operations Review

# EMS OPERATIONS (STATEWIDE)

## Georgia:

### TOTAL AREA

59,425 square miles

### TOTAL POPULATION

2023-11.3 million

2024-11.2 million

(Commons, 2024)



Georgia has 159 counties, more than any other state east of the Mississippi. It is the 8<sup>th</sup> most populated state in the United States. In 2024, 75.47% of the state was classified as rural. The Georgia Rural Development Council designated 120 of the state's 159 counties as rural, with most of the rural counties in the southern half of the state. The top 3 industries in the state are film production, anything associated with tourism, and agriculture. In 2024, the median household income in Georgia was \$74,664, up from \$72,420 in 2023. Georgia is home to the busiest airport in the world. Major Corporations headquartered in Georgia include Coca Cola, Delta Airlines, Home Depot, UPS, Southern Company, and Chick-fil-A.

# EMS OPERATIONAL DATA (STATEWIDE)

	2024
<b>Total EMS Agencies *</b>	419
Medical First Responder (MFR)	118
Ground Ambulances	339
Neonatal	9
Air Ambulance	7
<b>Total EMS Vehicles</b>	3,814
MFR (non-transport vehicles)	1,276
Ground Ambulances	2,460
Neonatal	14
Air Ambulance	64

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	2024
<b>Total EMS Providers - Active</b>	27,437
EMT-R	486
EMT	7,336
EMT-I **	4,170
AEMT	6,007
Cardiac Tech **	24
Paramedic	9,414
<b>Total EMS Providers - Lapsed</b>	1,419
EMT-R	99
EMT	660
EMT-I	45
AEMT	245
Cardiac Tech	0
Paramedic	370

\*\* New licenses are not issued for EMT-I or Cardiac Tech

# EMS RESPONSE DATA (STATEWIDE)

	<b>2024</b>
<b>Total Responses *</b>	2,871,951
Medical First Responder (MFR)	513,621
Ground Ambulance	2,344,640
Air Ambulance	13,690
<b>Total 911 Responses</b>	2,036,536
Medical First Responder (MFR)	498,681
Ground Ambulance	1,532,636
Air Ambulance	5,219
<b>Total 911 Transports</b>	1,004,628
Ground Ambulance	999,722
Air Ambulance	4,906
<b>Total Interfacility/Medical Transports **</b>	104,919
<b>Hospital to Hospital Transfer</b>	94,240
Ground Ambulance	86,613
Air Ambulance	7,627
<b>Hospital to Non-Hospital Transfer</b>	10,679
Ground Ambulance	10,664
Air Ambulance	15

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	<b>2024</b>
<b>Average 911 Response Time (In Minutes)</b>	17.5
Medical First Responder (MFR)	11.2
Ground Ambulance	19.5
Air Ambulance	33.1

# EMS RESPONSE DATA (STATEWIDE)

The type of service or category of service requested by the EMS Agency responding to a specific EMS event.

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	2,000,136
Intercept	5,846
Mutual Aid	4,399
Interfacility Transport	225,058
Medical Transport	592,446
Public Assistance	26,155
Standby	8,494
Other Not Listed	9,417
<b>Response Mode to Scene</b>	
Emergent (Immediate Response)	1,814,078
Emergent Downgraded to Non-Emergent	6,518
Non-Emergent	253,292
Non-Emergent Upgraded to Emergent	1,470

	2024
<b>Primary Clinical Area</b>	
Medical	1,749,707
Psych	180,405
Trauma (major and minor)	185,881
Cardiac (includes all etiologies)	132,629
Stroke (includes all etiologies)	22,189
Alcohol/Drugs Exposure	28,379
Poisoning by Drug/Toxin	8,360
No Patient Complaint	567,052

# EMS RESPONSE DATA (STATEWIDE)

	<b>2024</b>
<b>Unit Disposition</b>	
Patient Contact Made	2,348,274
Cancelled on Scene	128,622
Cancelled Prior to Arrival at Scene	198,871
No Patient Contact	98,793
No Patient Found	44,800
Non-Patient Incident (Not Otherwise Listed)	52,526
<b>Patient Evaluation/Care</b>	
Patient Evaluated and Care Provided	2,044,557
Patient Evaluated and Refused Care	131,028
Patient Evaluated, No Care Required	67,024
Patient Refused Evaluation/Care	54,209
Patient Support Services Provided	104,780
Not Reported	470,288
<b>Transport Disposition</b>	
Transport by This EMS Unit (This Crew Only)	1,783,728
Transport by This EMS Unit, with a Member of Another Crew	14,469
Transport by Another EMS Unit	172,931
Transport by Another EMS Unit, with a Member of This Crew	8,970
Patient Refused Transport	237,754
Non-Patient Transport (Not Otherwise Listed)	16,182
No Transport	174,548
Not Reported	463,304

Georgia EMS transitioned to the National Emergency Medical Services Information Services (NEMSIS) v3.5 data standard in 2023. Within the data transition from v3.4 to v3.5, NEMSIS updated eDisposition data elements that will allow for improved documentation of call dispositions. In NEMSIS v3.5, the EMS clinician can clearly document a disposition for the response that identifies what happened during the response regarding the patient, the EMS crew, and the transport.

# EMS TOP 5 PROCEDURES/ MEDICATIONS & IMPRESSIONS (STATEWIDE)

## Top 5 Procedures Performed

### Medical First Responder (MFR)

12-lead Cardiac Monitoring
Intravenous Access
Glucose Measurement
Bag Valve Mask Ventilation
CPR

### Ground Ambulance

Intravenous Access
12-lead Cardiac Monitoring
Glucose Measurement
CO2 Monitoring
Immobilization

### Air Ambulance

Ventilator Care
Intravenous Access
Airway Procedures
12-Lead Cardiac Monitoring
Glucose Measurement

## Top 5 Medications Administered

### Medical First Responder (MFR)

Ondansetron (Zofran)
Aspirin
Albuterol
Epinephrine
Nitroglycerine

### Ground Ambulance

Ondansetron (Zofran)
Aspirin
Fentanyl
Albuterol
Nitroglycerin

### Air Ambulance

Fentanyl
Ondansetron (Zofran)
Norepinephrine
Medazolam
Ketamine

## Top 5 Providers Primary Impression

Weakness
Unspecified Injury
Abdominal Pain
Altered Mental Status
Chest Pain

# KEY PERFORMANCE MEASURES

In the early development stages, Emergency Medical Services (EMS) in the United States was primarily viewed as a transportation service rather than a full-fledged medical system. During this period, response time was the sole metric to evaluate EMS systems and agencies. However, no clear correlation between response times and improved patient outcomes has been established [1]. Using response times as the primary performance indicator can mask other critical inefficiencies within the system, increase operational costs, and elevate the risk of EMS vehicle accidents, posing a threat to both the public and EMS personnel.

As it stands today, the Emergency Medical Service (EMS) system in the United States has evolved into an intricate and integrated network that collaborates with other healthcare providers, public health organizations, and public safety agencies. This comprehensive system involves personnel, equipment, and resources working together to provide emergency medical care to the community. Each component plays a crucial role in optimizing patient outcomes and benefiting communities [2]. Therefore, alongside response times, implementing objective quality and performance measures focused on clinical effectiveness, patient safety, and patient experience represents the most meaningful approach to enhancing performance, improving patient care, and achieving better outcomes for both patients and healthcare providers.

According to The Joint Position Statement on EMS Performance Measures Beyond Response Times, evaluating an EMS system should be patient-centered and evidence-based [3]. Over a decade ago, both the National Highway Traffic Safety Administration (NHTSA) and the National Association of State EMS Officials (NASEMSO) recognized this approach's importance and spearheaded efforts to develop evidence-based quality and performance measures to assess and improve the EMS system [4].

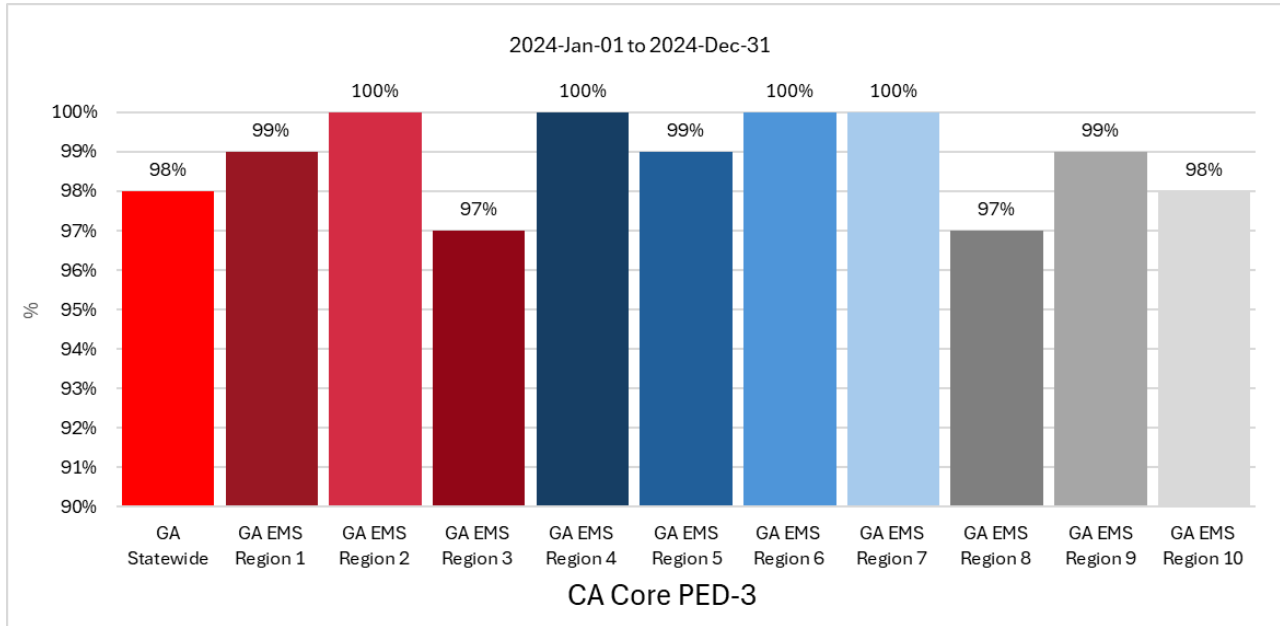
As the EMS system continues to evolve, ongoing changes should be guided by data-driven, evidence-based approaches and should be evaluated using indicators that measure various aspects of EMS inputs, processes, and outcomes. In Georgia, EMS commits to providing quality care to sick and injured patients by qualified, licensed providers quickly and safely, transporting them to the most appropriate hospital facility. In collaboration with the EMS Advisory Council (EMSAC), the Office of EMS and Trauma has decided to use the following clinical measures to evaluate and benchmark the EMS system in Georgia.

## **References:**

1. Al-Shaqsi SZ. Response time as a sole performance indicator in EMS: Pitfalls and solutions. *Open Access Emerg Med.* 2010 Jan 8; 2:1-6. PMID: 27147831; PMCID: PMC4806820.
2. *NHTSA Office of EMS: "What is EMS?"* <https://www.ems.gov/what-is-ems/>
3. Kupas, D. F., Zavadsky, M., Burton, B., Decker, C., Dunne, R., Dworsky, P., ... Wire, K. (2024). Joint Position Statement on EMS Performance Measures Beyond Response Times. *Prehospital Emergency Care*, 1–3. <https://doi.org/10.1080/10903127.2024.2375739>
4. *NEMSQA National EMS Quality Alliance: "History & Background".* <https://www.nemsqa.org/history-background>

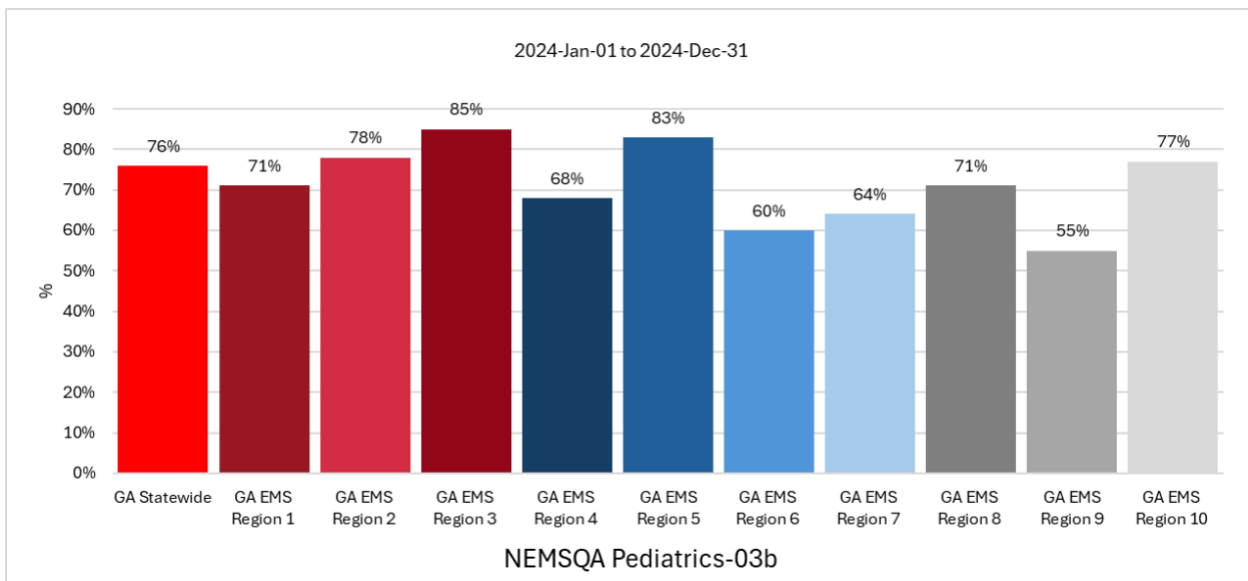
# KEY PERFORMANCE MEASURE: PEDIATRIC

## Pediatric Respiratory Assessment



**Measure Description:** Percentage of pediatric patients who had a primary or secondary impression of respiratory distress received a documented respiratory assessment originating from a 911 response.

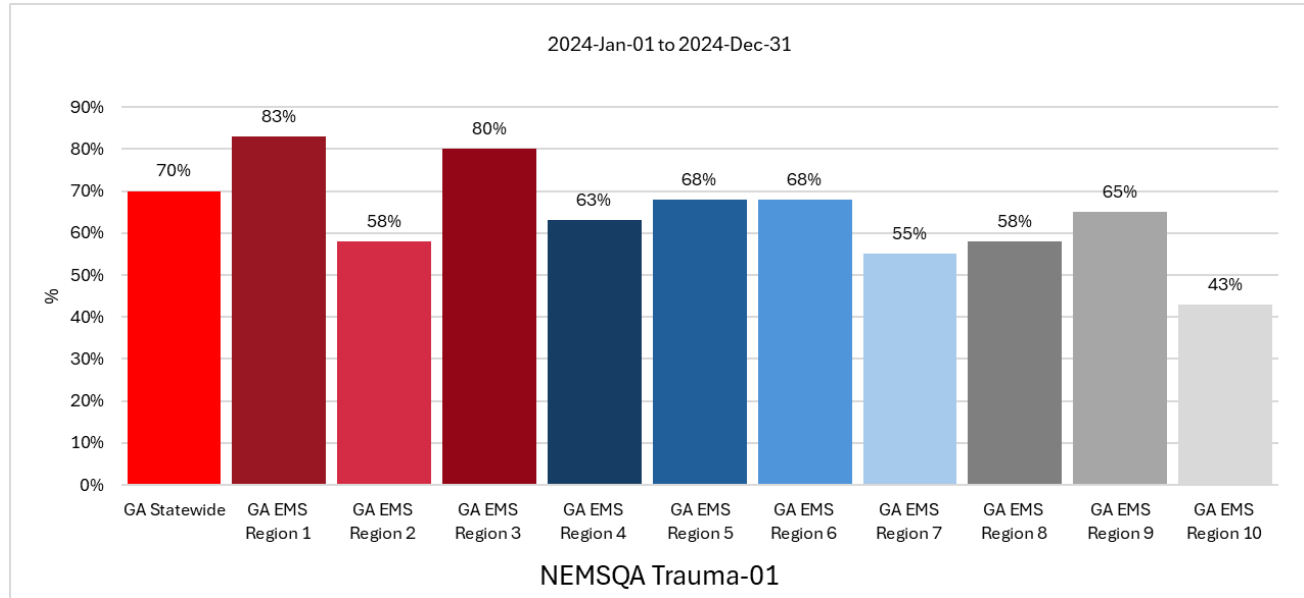
## Documentation of Estimated Weight in Kilograms



**Measure Description:** Percentage of EMS responses originating from a 911, intercept, or mutual aid request for patients less than 18 years of age who received a weight-based medication and had a documented weight in kilograms or length-based weight estimate documented during the EMS response.

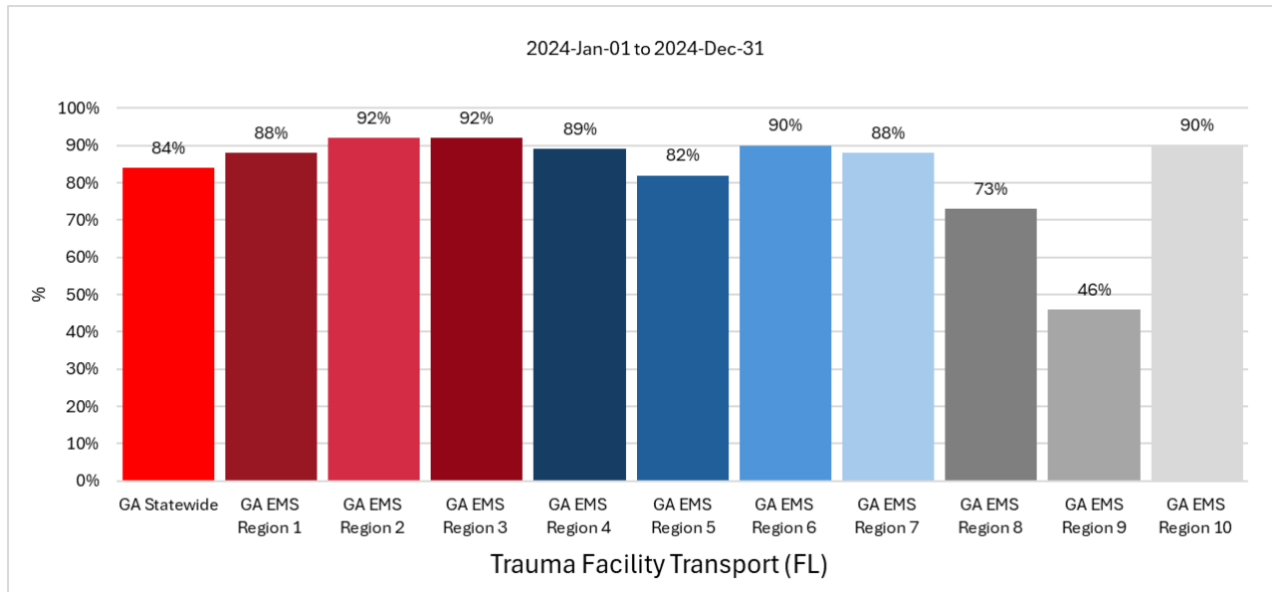
# KEY PERFORMANCE MEASURE: TRAUMA

## Injured Patients Assessed for Pain



**Measure Description:** Percentage of EMS responses originating from a 911 request for patients with injury who were assessed for pain.

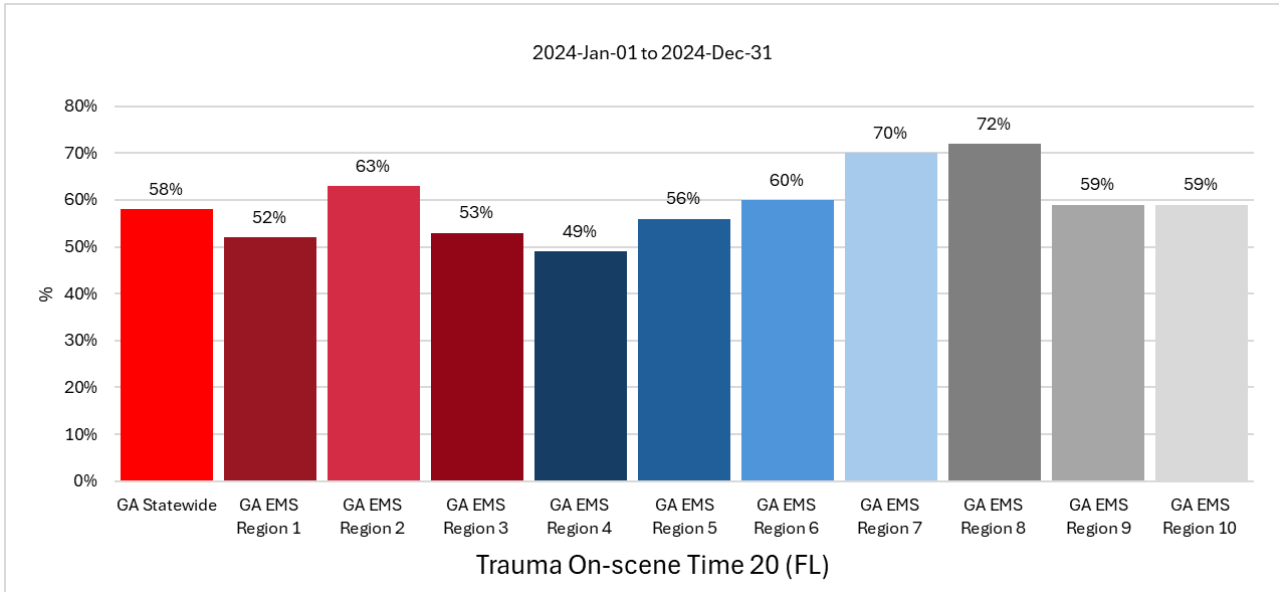
## Trauma Facility Transport



**Measure Description:** Monitors the percentage of trauma alert patients that were initially transported to a trauma center. Facility capabilities are determined using facility code (E20\_02 or eDisposition.02) and a data-owner-provided list of capabilities by facility.

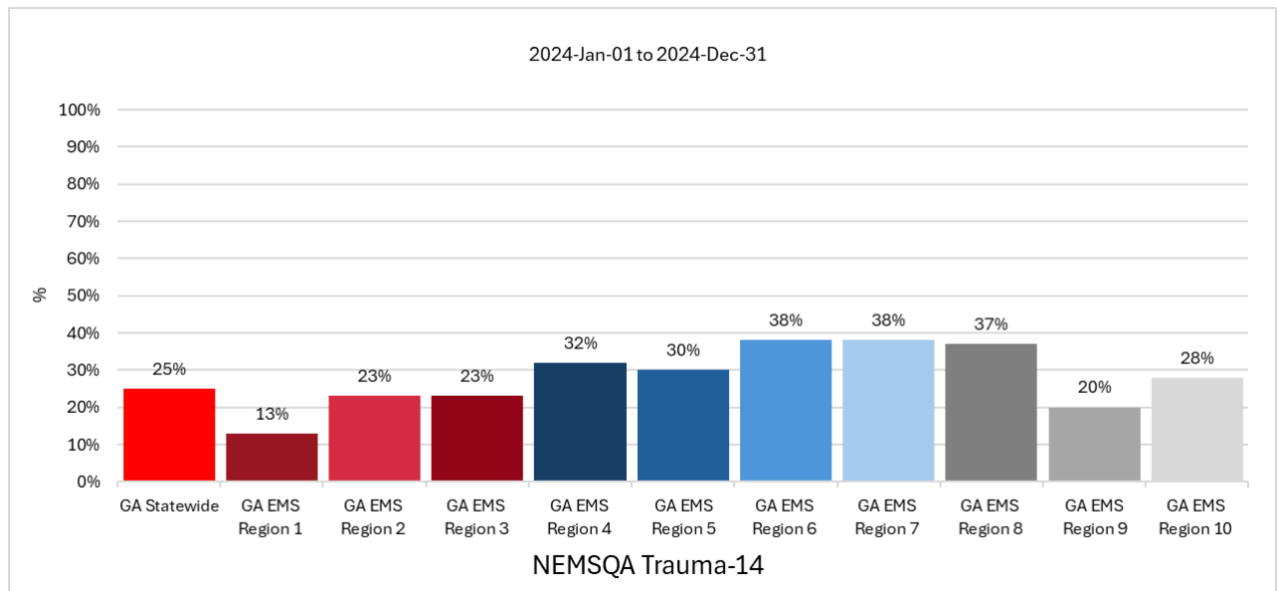
# KEY PERFORMANCE MEASURE: TRAUMA

## Trauma On-Scene Time



**Measure Description:** Monitors the percentage of trauma alert events in which the total on-scene time is less than or equal to 20 minutes.

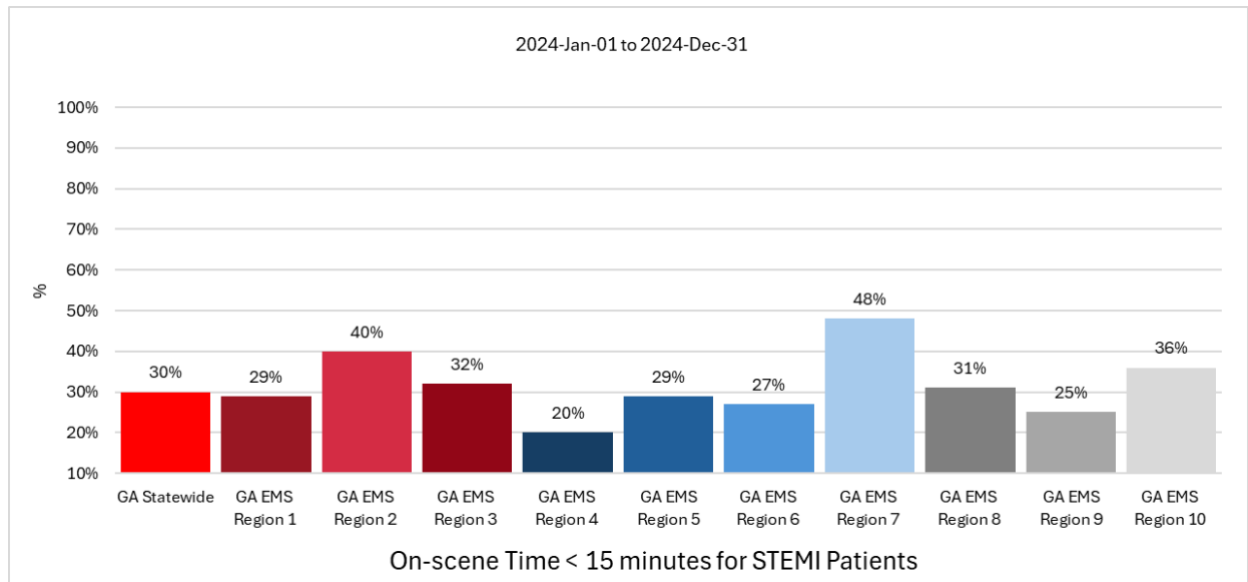
## Trauma Call Rate



**Measure Description:** Percentage of EMS transports originating from a 911 request for patients meeting Step 1 or Step 2 prehospital field triage criteria for trauma during which a pre-arrival trauma alert is initiated.

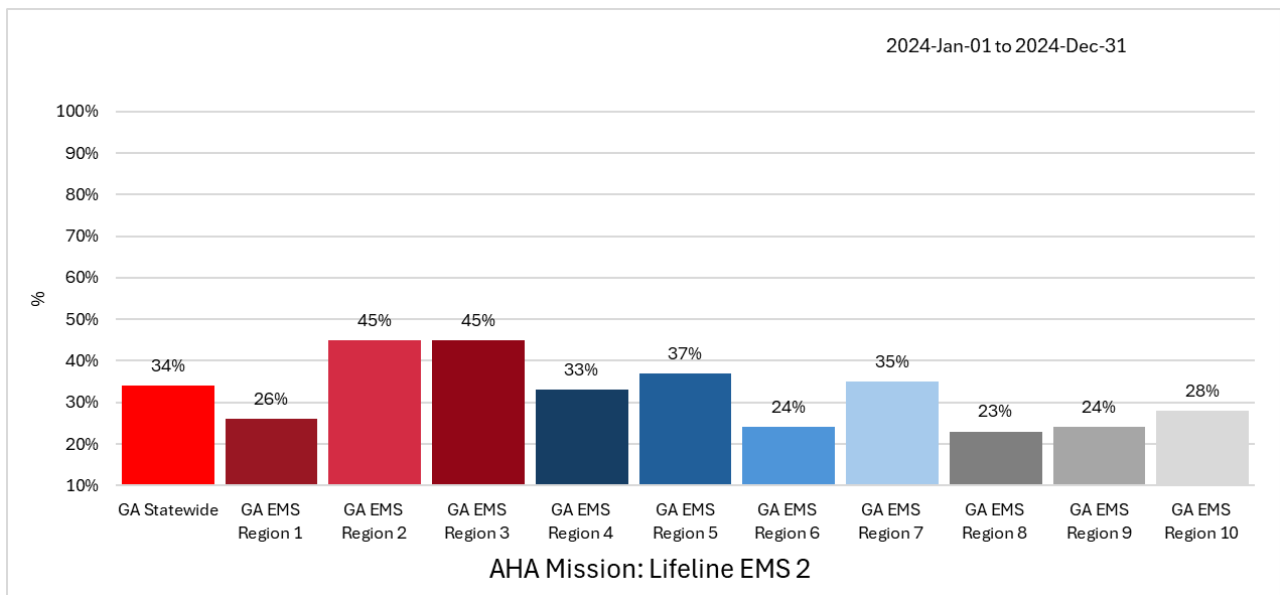
# KEY PERFORMANCE MEASURE: CARDIAC

## EMS On-scene Time less than 15 minutes for Suspected STEMI Patients



**Measure Description:** Monitors the percentage of suspected STEMI events with an EMS on-scene time less than 15 minutes.

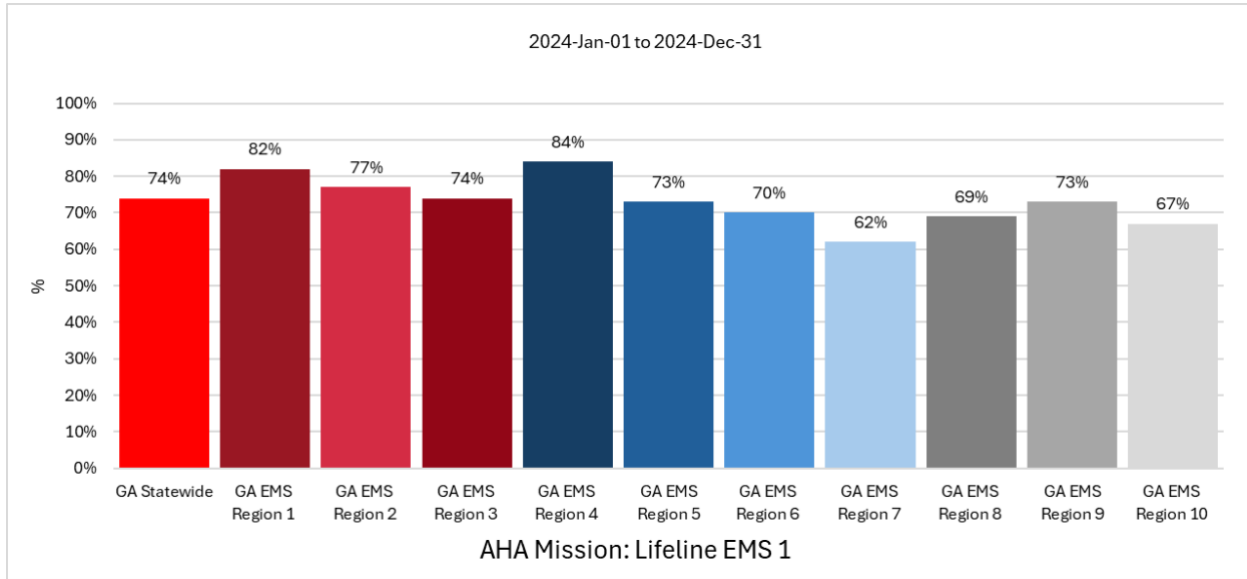
## AHA Mission: Lifeline EMS 2



**Measure Description:** The percentage of hospital notifications or 12 Lead ECG transmissions suggesting a STEMI alert (or Cardiac Cath Lab Activation), that are performed within 10 minutes of the first STEMI positive 12 Lead ECG in the field.

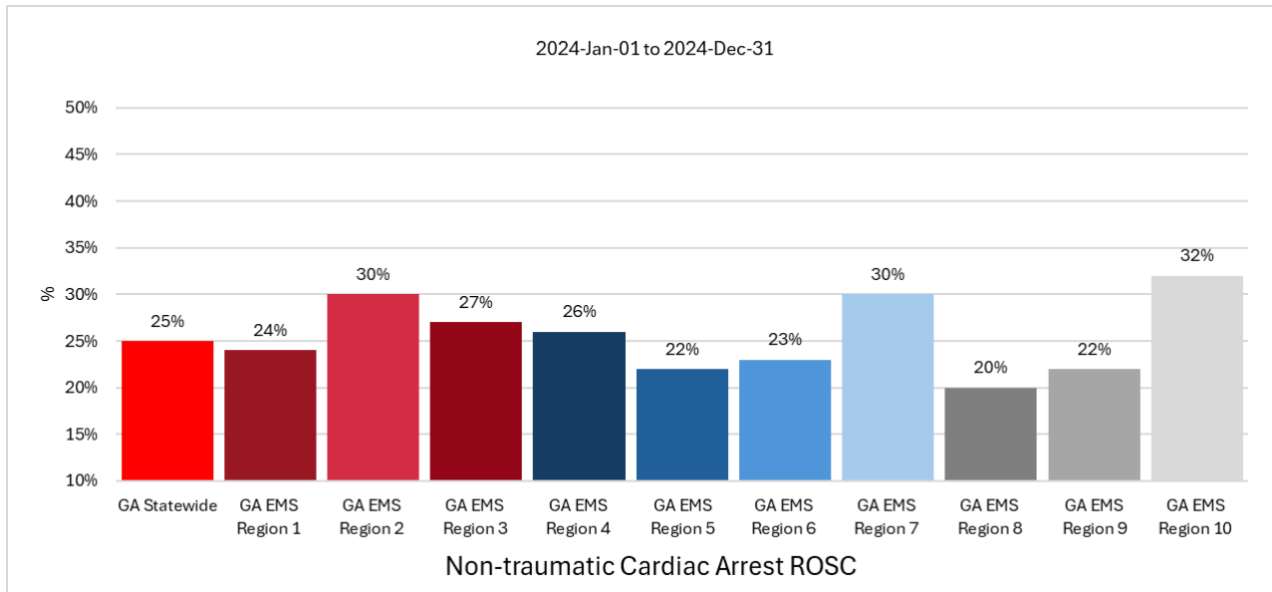
# KEY PERFORMANCE MEASURE: CARDIAC

## AHA Mission: Lifeline EMS 1



**Measure Description:** Percentage of patients with non-traumatic chest pain/ACS symptoms (which may include chest pain or discomfort in other areas of the body of suspected cardiac origin, shortness of breath, sweating, nausea, vomiting, dizziness, and atypical or unusual symptoms) in patients  $\geq 35$  years of age, treated and transported by EMS who received a prehospital 12 Lead.

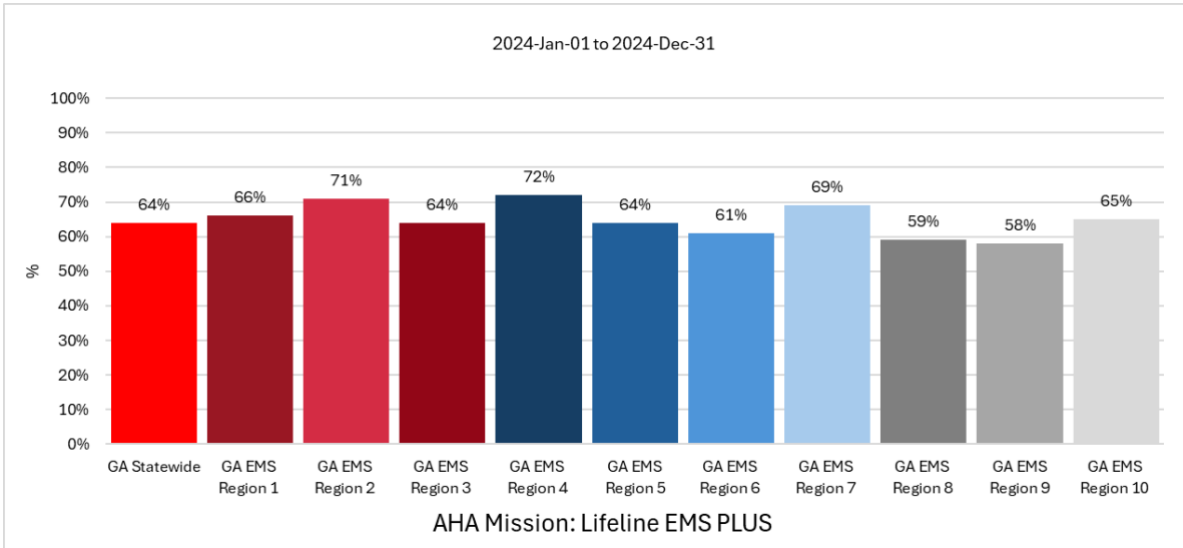
## Non-traumatic Cardiac Arrest ROSC



**Measure Description:** Monitors the percentage of non-traumatic cardiac arrest patients who develop a Return of Spontaneous Circulation (ROSC) both prehospital and upon arrival at the emergency department (ED).

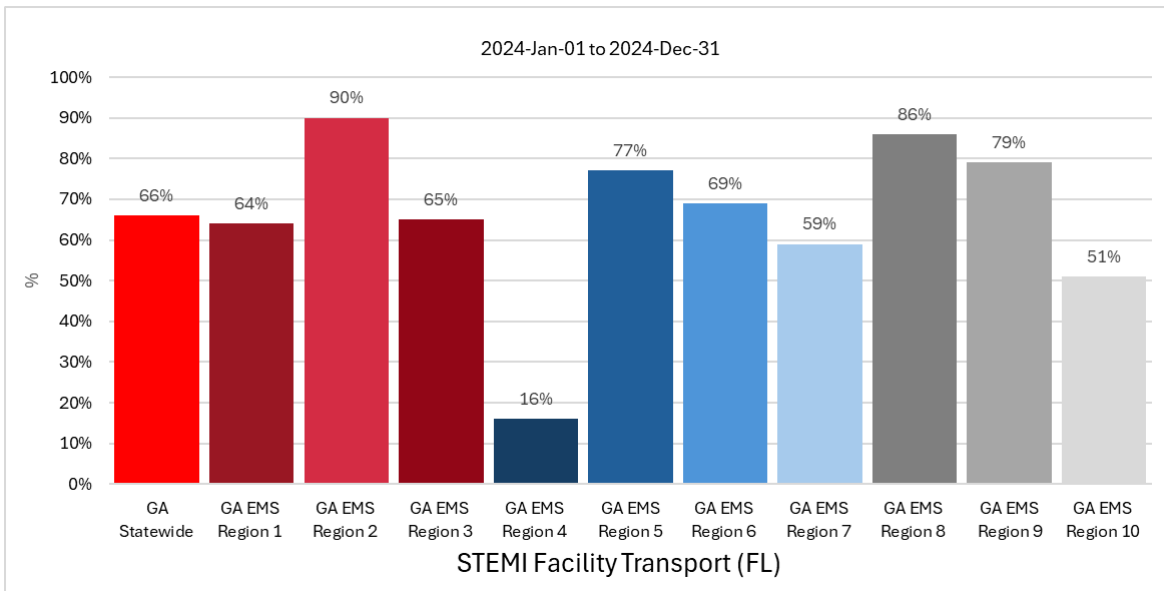
# KEY PERFORMANCE MEASURE: CARDIAC

## AHA Mission: Lifeline EMS Plus



**Measure Description:** Of those patients who received a 12 Lead ECG, the percentage of 12 Lead ECGs performed  $\leq 10$  minutes of EMS First Medical Contact on patients with an initial complaint non-traumatic chest pain/ACS symptom who are  $\geq 35$  years of age.

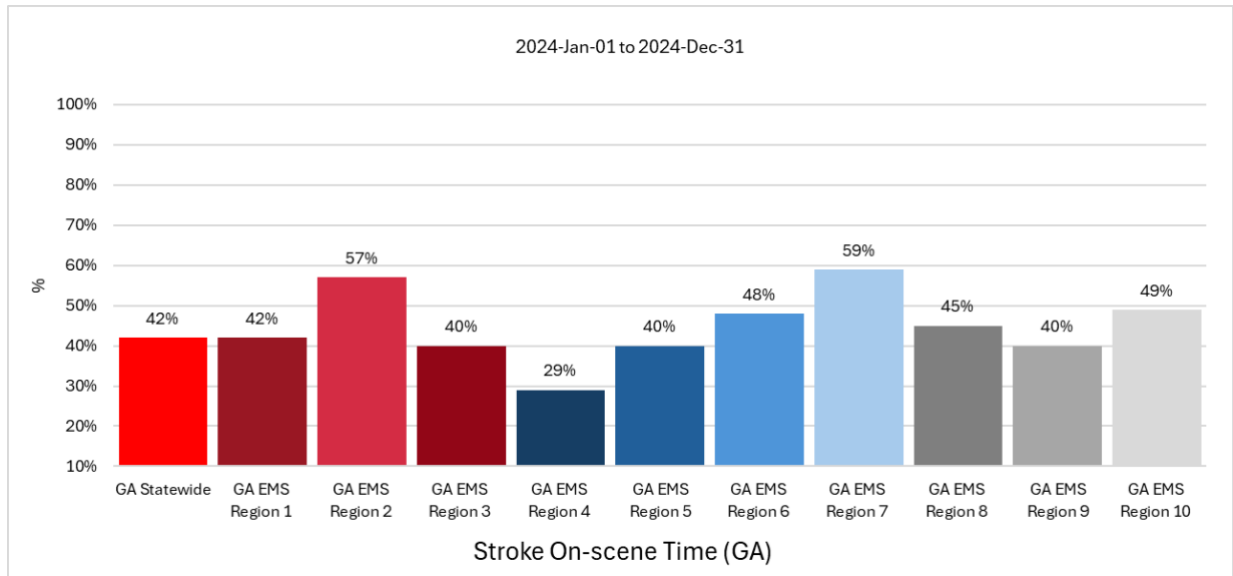
## STEMI Facility Transport



**Measure Description:** Monitors the percentage of STEMI alert patients that were transported to a Level I or Level II Cardiovascular Hospital. Facility capabilities are determined using facility code (E20\_02 or eDisposition.02) and a data-owner-provided list of capabilities by facility.

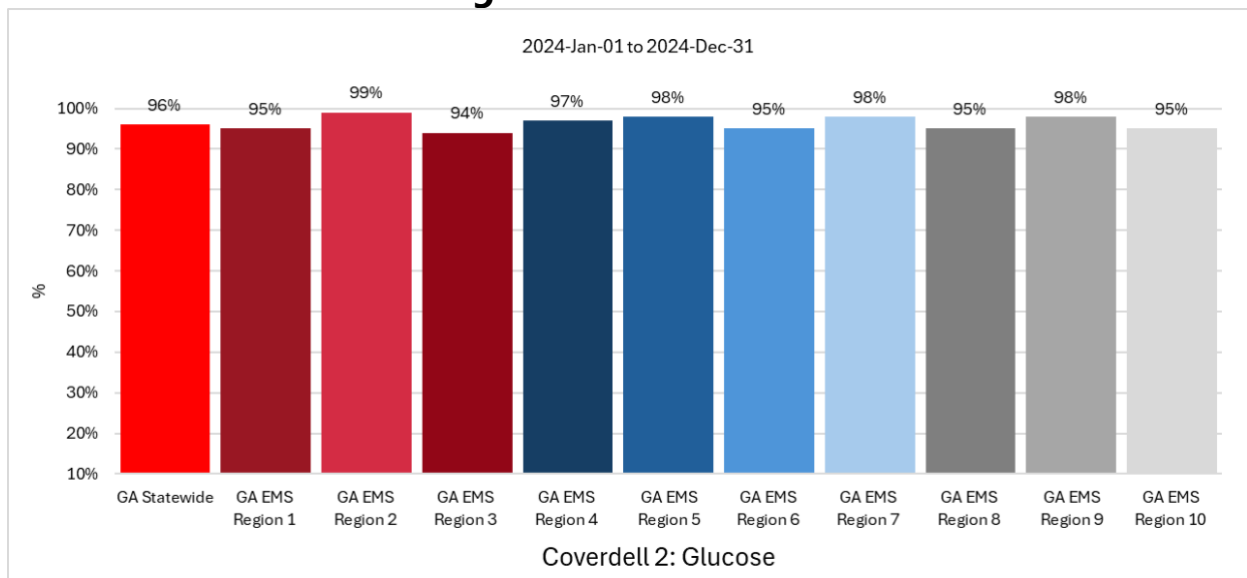
# KEY PERFORMANCE MEASURE: STROKE

## Stroke On-scene Time (GA)



**Measure Description:** Monitors the percentage of stroke alert events in which the on-scene time is less than or equal to 15 minutes.

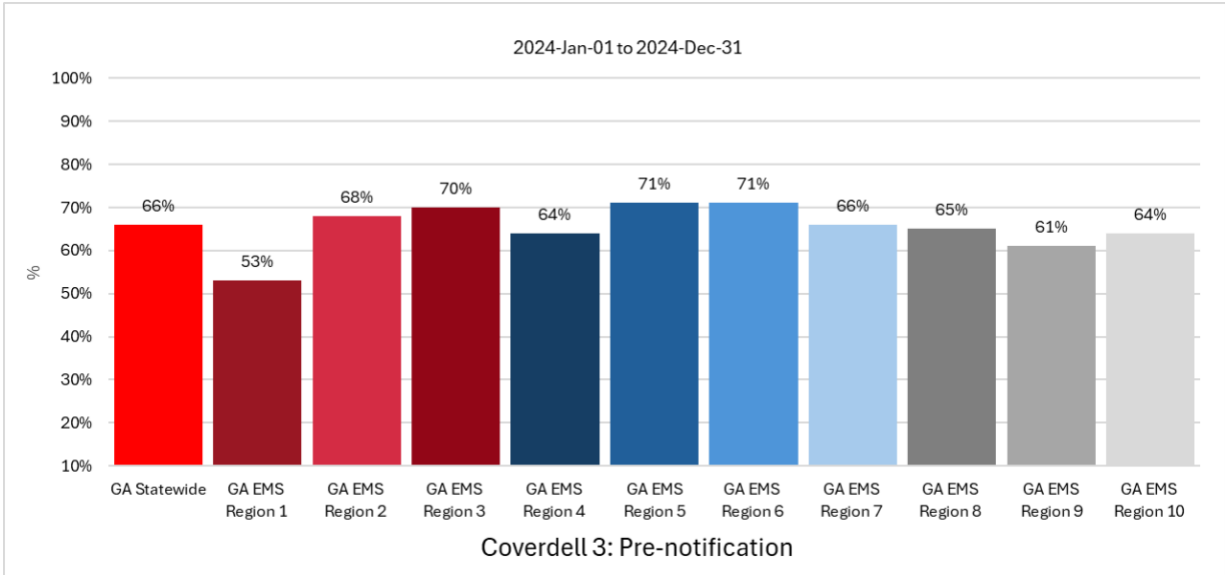
## Percentage of suspected-stroke transports with a blood glucose checked and recorded



**Measure Description:** The purpose of this QPM is to identify assessment of blood glucose as an important prehospital intervention in the stroke chain of survival. Hypoglycemia is frequently found in patients with stroke-like symptoms; administering glucose may resolve.

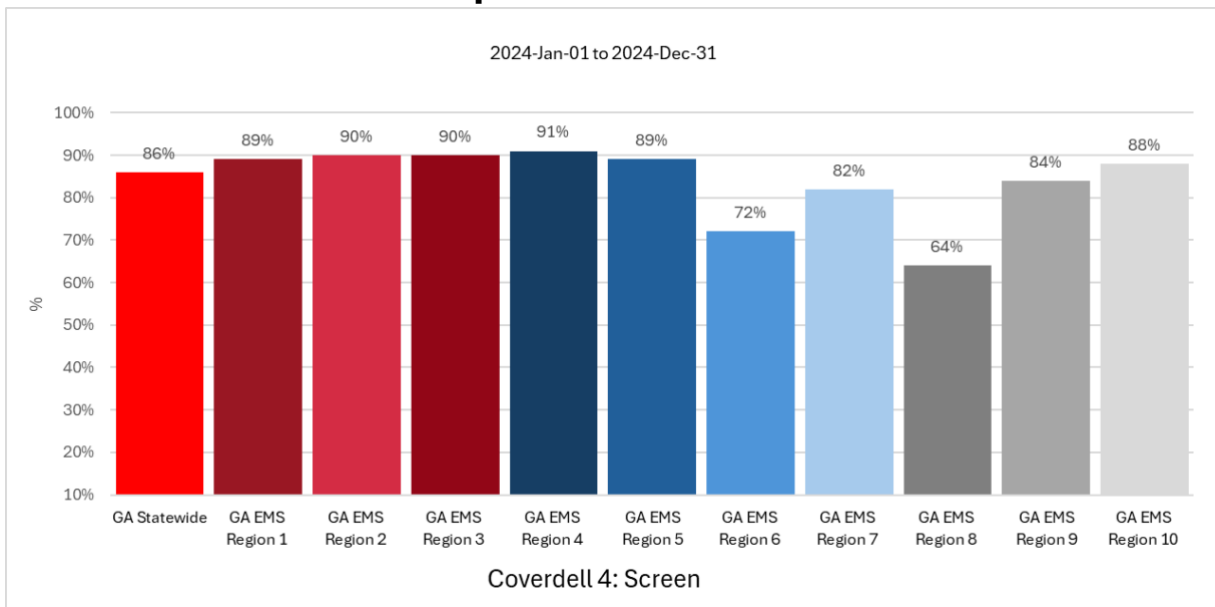
# KEY PERFORMANCE MEASURE: STROKE

## Percentage of suspected-stroke transports where EMS called in a stroke alert pre-notification



**Measure Description:** The purpose of this QPM is to identify the use of stroke alert pre-notifications by EMS. Stroke pre-notification is an important factor in reducing elapsed time before treatment and ensuring appropriate hospital resources are mobilized before patient arrival to the hospital.

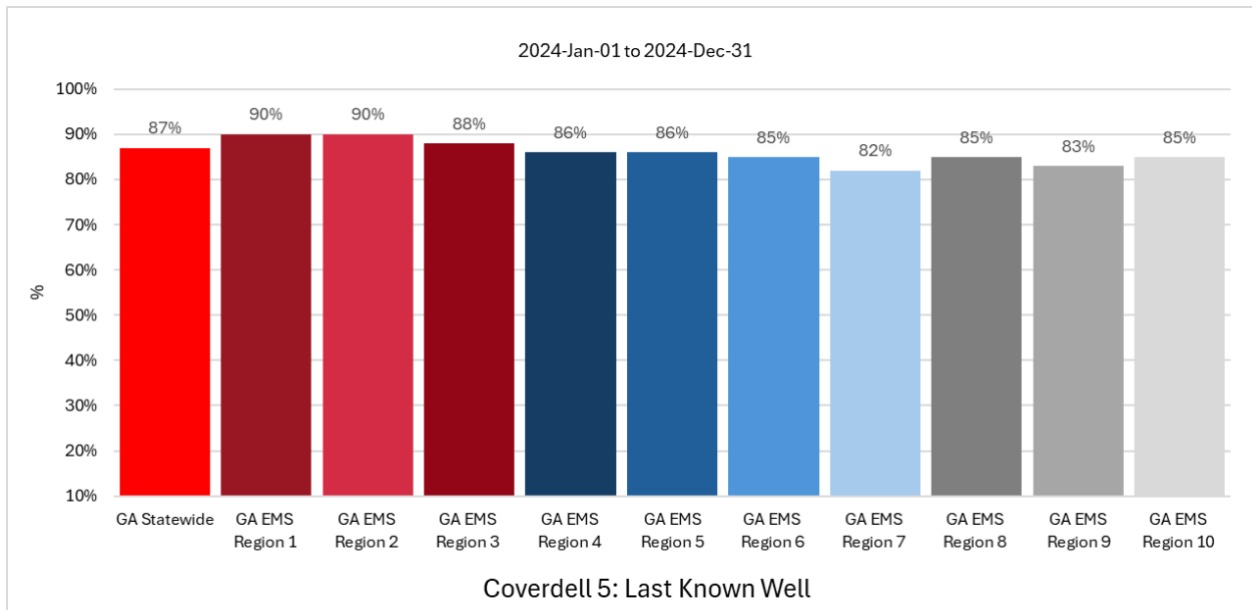
## Percentage of suspected-stroke transports that had a stroke screen completed and recorded



**Measure Description:** The purpose of this QPM is to identify the use of stroke screening tools in the pre-hospital setting to ensure priority triage of suspected stroke patients.

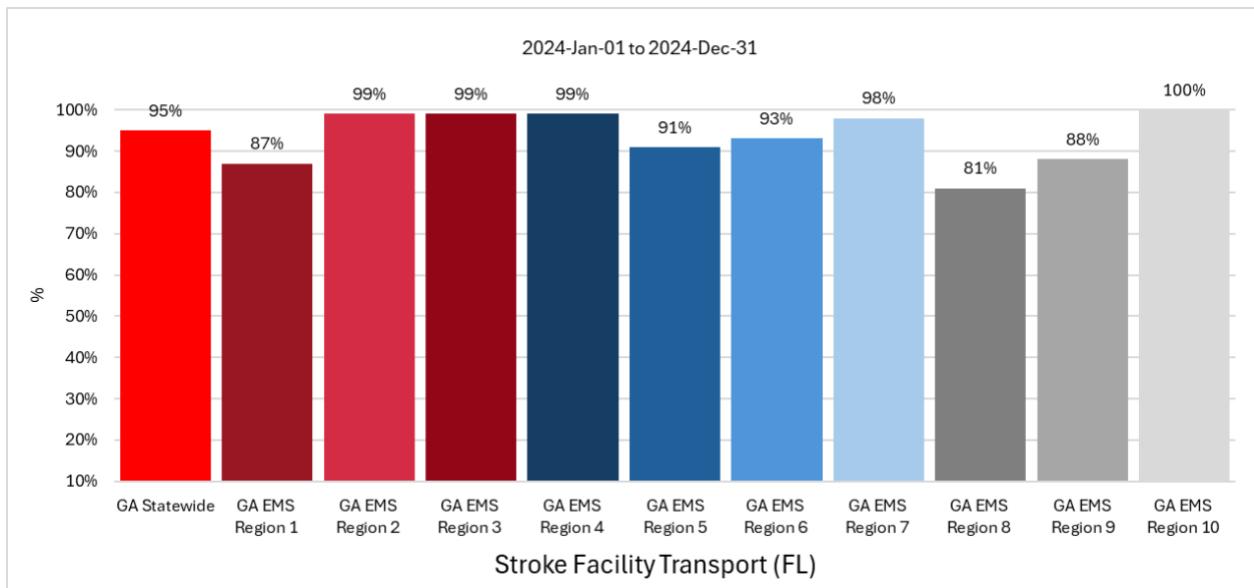
# KEY PERFORMANCE MEASURE: STROKE

## Percentage of suspected-stroke transports that had a documented time last known to be well



**Measure Description:** The purpose of this QPM is to assess EMS documentation of time last known to be well, without signs and symptoms of acute stroke, at baseline. Note this metric can only be computed for NEMSIS v3 data. NEMSIS v2 stroke records will be “unknown” for this metric.

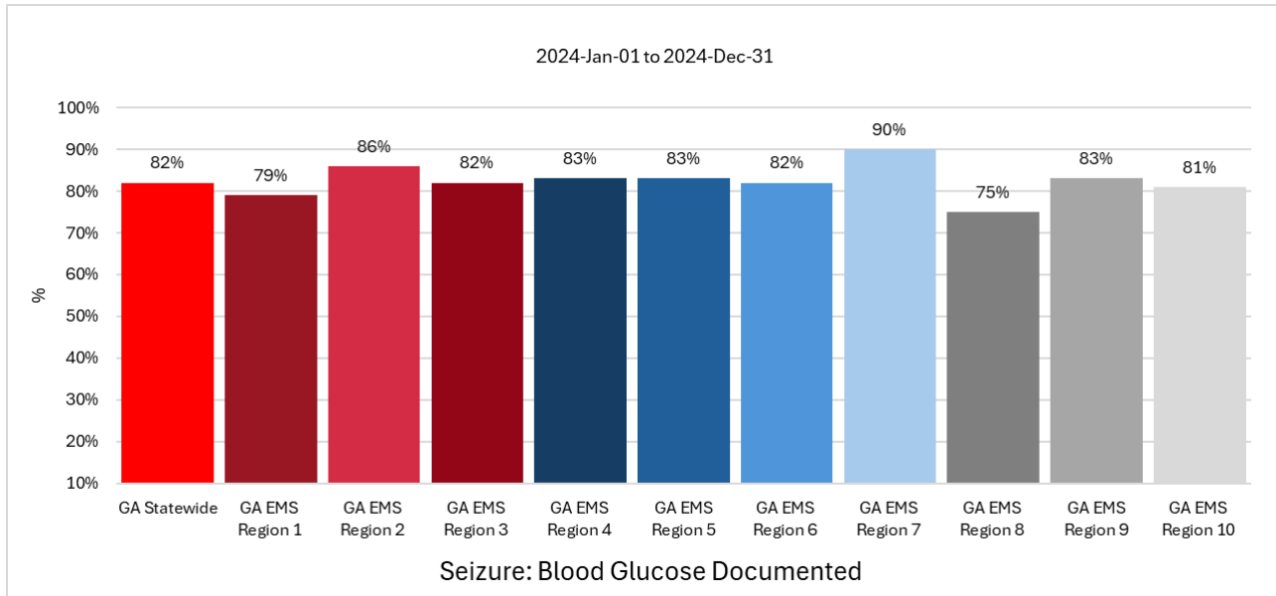
## Stroke Facility Transport



**Measure Description:** Monitors the percentage of stroke alert patients that were transported to a primary or comprehensive stroke center. Facility capabilities are determined using facility code (E20\_02 or eDisposition.02) and a data-owner-provided list of capabilities by facility.

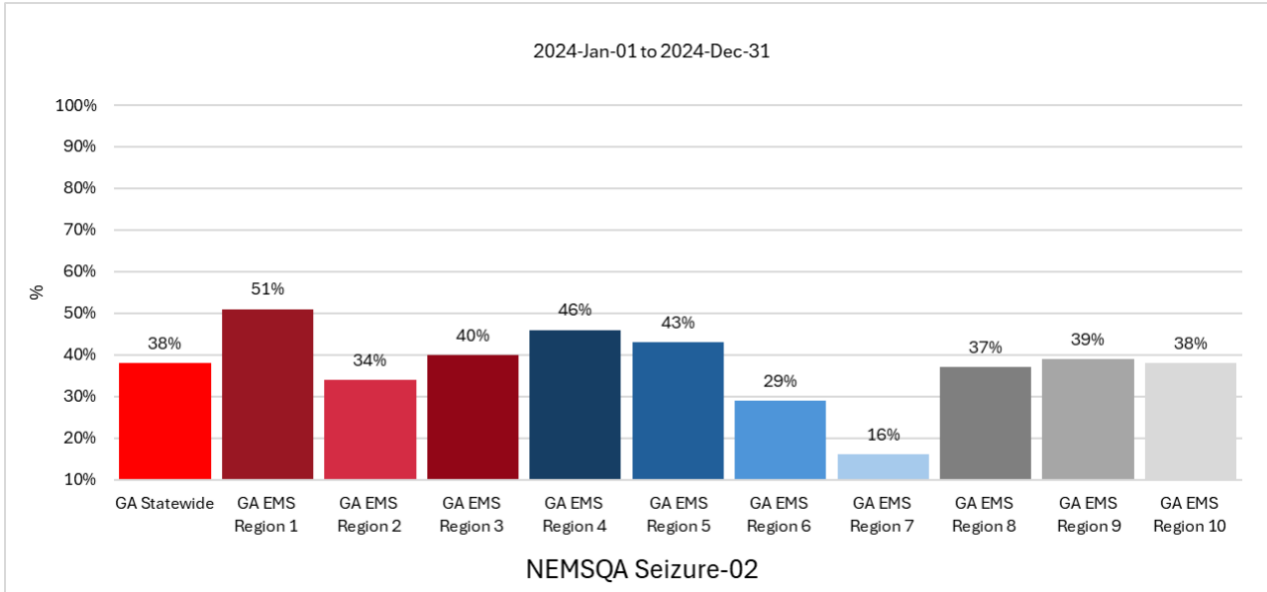
# KEY PERFORMANCE MEASURE: OTHER

## Seizure: Blood Glucose Documented



**Measure Description:** Percentage of patients identified as having a seizure with a documented blood glucose level.

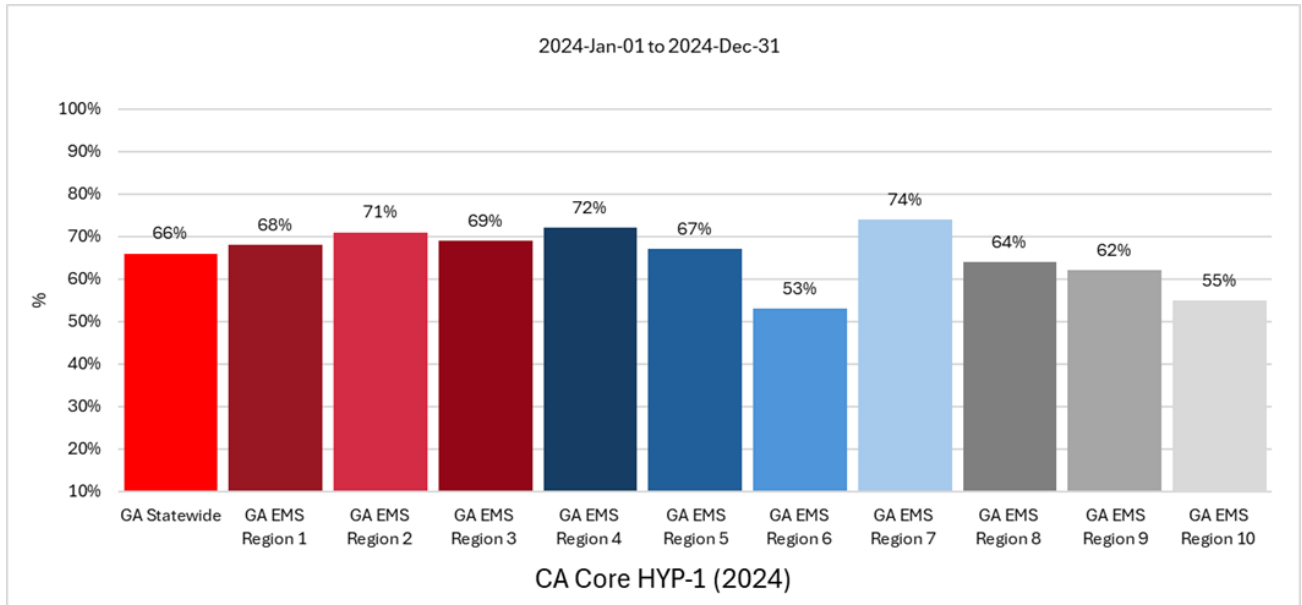
## Patient with Status Epilepticus Receiving Intervention



**Measure Description:** Percentage of EMS responses originating from a 911 request for patients with status epilepticus who received benzodiazepine aimed at terminating their status seizure during the EMS response.

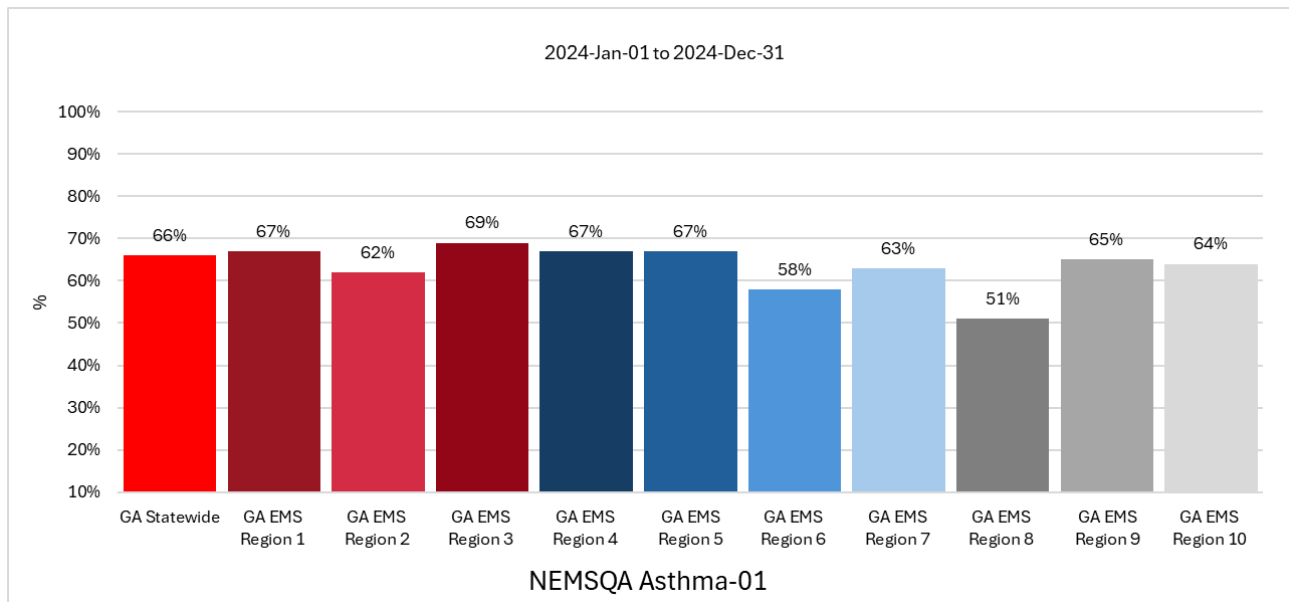
# KEY PERFORMANCE MEASURE: OTHER

## Treatment Administered for Hypoglycemia



**Measure Description:** What percentage of patients received treatment to correct their hypoglycemia originating from a 911 response.

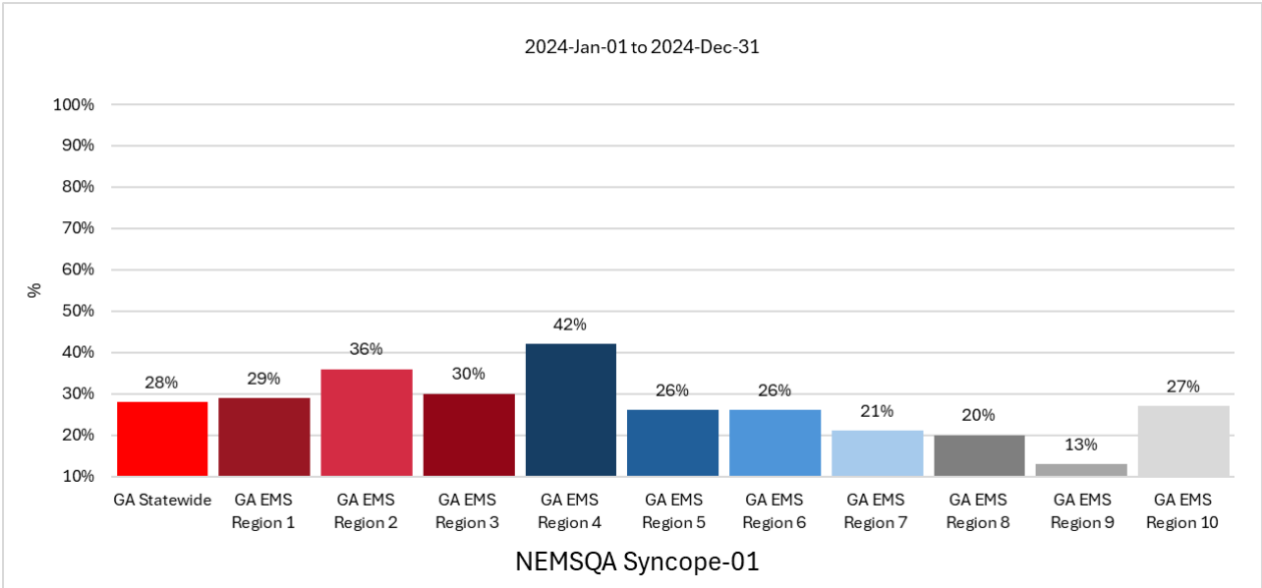
## Administration of Beta Agonist for Asthma



**Measure Description:** Percentage of EMS responses originating from a 911, intercept, or mutual aid request for patients with a diagnosis of asthma who had an aerosolized beta agonist administered.

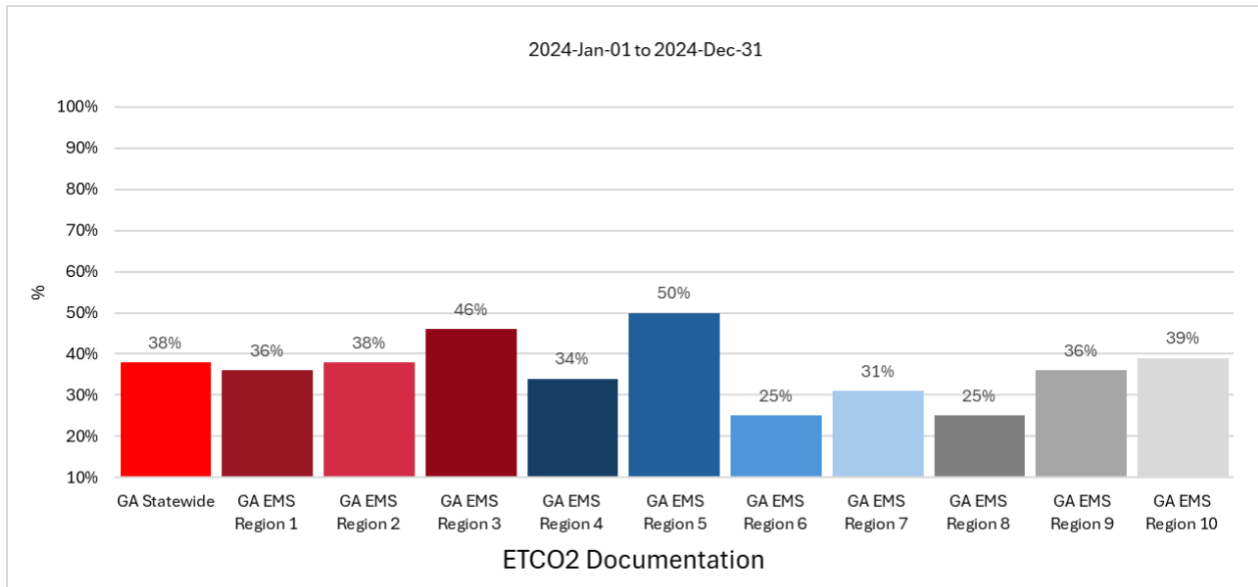
# KEY PERFORMANCE MEASURE: OTHER

## ECG Performed for Syncope Patients



**Measure Description:** Percentage of EMS responses originating from a 911 request for patients with syncope during which a 12-lead (or greater) ECG is performed.

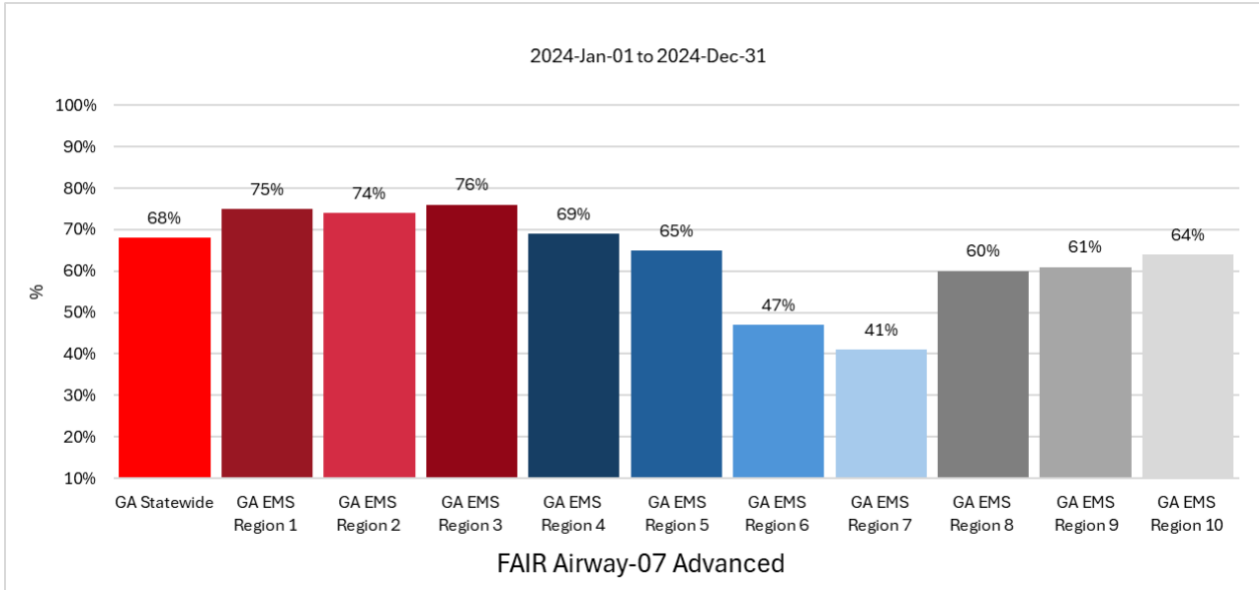
## ETCO2 Documentation




**Measure Description:** Percentage of cases for which there is documentation of repeated ETCO2 values (at least two measurements at least five minutes apart) in patients receiving assisted ventilation. Note this metric can only be computed for NEMSIS v3 data.

# KEY PERFORMANCE MEASURE: OTHER


## ETCO2 Verification of Advanced Airway Placement



**Measure Description:** Percentage of advanced airway procedures performed during an EMS response originating from a 911 request in which placement was verified with ETCO2. Note this metric is only computed for NEMSIS v3 data.



# EMS EDUCATION (STATEWIDE)



Georgia has an extensive, diverse EMS Educational system comprised of many different sponsor types ranging from the Technical College System of Georgia, University System of Georgia, EMS agencies, fire departments, hospital-based, and private entities that offer all levels of EMS Education.

Students enter an EMS Education Program at a variety of levels to complete their education. Upon successful completion of an Office of EMS and Trauma (OEMST) approved course, students are eligible to test the National Registry of EMT's (NREMT) Certification exam. Upon certification from the NREMT, candidates are eligible to seek licensure from the OEMST.

Below you can find data that displays the number of educational programs, courses, and students for each respective level of education and region.

The data does not include satellite programs, which is to say that if an educational program has a main campus in one region and a satellite in another, this program is only counted once. The effect is that while the number of programs remains stable overall, there are more satellite locations that offer educational opportunities than the data shows.

# EMS EDUCATION (STATEWIDE)

	<b>2024</b>
<b>Total Number of Instructors</b>	873
EMS Instructor	315
Instructor/Coordinator EMT	25
Instructor/Coordinator AEMT	228
Instructor/Coordinator Paramedic	263
Instructor with PMDC Endorsement	42
<b>Total EMS Education Programs</b>	148
EMR	109
EMT	139
AEMT	118
Paramedic	30
<b>Total EMS Education Courses</b>	532
EMR	69
EMT	259
AEMT	153
Paramedic	51

	<b>2024</b>
<b>Total EMS Education Enrollment</b>	7,149
EMR	834
EMT	3,829
AEMT	1,743
Paramedic	743
<b>Total EMS Education Attrition</b>	1,448
EMR	160
EMT	873
AEMT	261
Paramedic	154

### Georgia's NREMT Pass Rates

EMR	62%
EMT	83%
AEMT	78%
Paramedic	85%

# EMS ADVISORY COUNCIL (EMSAC)



Established in 1973, EMSAC is comprised of members who are knowledgeable in EMS and represent a broad cross section of the EMS system in Georgia. EMSAC provides a fundamentally important role in advising in matters essential to the Emergency Medical Service system that will enable strategic growth in EMS in Georgia. Open communication and exchange with the statewide EMS community is an essential factor in planning and development initiatives.

EMSAC provides an essential advisory role to the Office of EMS and Trauma on issues related standards and policies within the EMS system and serves as an advocacy body to promote improvement of Georgia's statewide Emergency Medical Services system. EMSAC meets on a quarterly basis and Georgia is fortunate to have a distinguished statewide Advisory Council for partnership, collaboration, and advisement.

# EMS ADVISORY COUNCIL (EMSAC)

**Lee P. Oliver, Chairman**

Region 5 Representative  
Metro Atlanta Ambulance Service

**Bengie Cowart, Vice-Chairman**

Region 9 Representative  
Chatham EMS

**Don T. Cargile, Secretary**

Region 10 Representative

**Tracy Johns, MSN, RN,  
Parliamentarian**

Atrium Health Navicent

**Mark Peters, Executive Committee**

Northside-Gwinnett Medical Center

**Sam Allen**

Region 7 Representative  
Dougherty County EMS

**Jim Anderson**

Jefferson County EMS

**Dwain Butler**

SE Georgia Health District

**Paula Carter**

Columbus Technical College

**James Carver**

Region 7 Representative  
Talbot County EMS

**David E. Edwards**

Region 8 Representative  
Crisp County EMS

**Brent Glaze**

Children's Healthcare of Atlanta

**Denise Goings, MSN, RN**

Atrium Health Navicent Medical  
Center

**Karen Grabenstein**

East Georgia Regional Medical  
Center

**Jason Grady**

Northside Health System

**John Harvey, M.D.**

Region 3 Representative  
Medical Association of GA

**Jeffrey W. Hill**

Region 4 Representative  
Fayette County Fire-EMS

**Reg James**

Amerimed EMS

**Mike Jernigan**

Metro Atlanta Ambulance Service

**Jim Jones**

Southeastern Technical College

**Phillip Koster**

Priority EMS

**Jeff F. Linzer, M.D.**

EMSMDAC Representative  
Children's Healthcare of Atlanta

**Jake Lonas**

Puckett EMS

**Wanda E. McDuffie**

Effingham County EMS

**Landry D. Merkison**

Clayton County Fire & EMS

**Amy Norton, RN**

Air Life Georgia

**M. L. "Bud" Owens**

Region 1 Representative  
Atrium Health Floyd EMS

**Jeremy Poole**

Air Evac EMS

**Trampes Stancil**

Region 2 Representative  
Rabun County EMS

**Courtney L. Terwilliger**

Region 6 Representative  
Emanuel County EMS

**Bill Twomey**

Association County Commissioners of GA

**Thomas Woodruff**

Faithful Guardian Training Center

# EMS MEDICAL DIRECTORS' ADVISORY COUNCIL (EMSMDAC)



The recognition that medical direction is a significant and necessary component of EMS has existed since the 1970's. Each licensed EMS service must retain a Medical Director– a Physician who is legally responsible for all clinical and patient-care aspects of its operation. The medical care provided by Medics is considered an extension of the Medical Director's license.

Established in 1997 with Dr. J. Patrick O'Neal as the initial chair, EMSMDAC provides an essential advisory role to the Office of EMS and Trauma on issues related to the medical direction of the EMS system.

EMSMDAC meets quarterly. Whether this council advises on practice issues related to the care delivered by EMS licensees, matters of medical direction, training, scope of practice, patient care protocols, or quality improvement issues related to patient care, the need for open dialogue, frequent interactions, and the use of evidence-based practices drives improvements in Georgia's Emergency Medical Services system.

# EMS MEDICAL DIRECTORS' ADVISORY COUNCIL (EMSMDAC)

**Dr. Alex Isakov, Chair**

Emory University Hospital

**Dr. Marvin Eric Nix, Vice Chair**

Cobb County Fire,  
Wellstar Kennestone Regional  
Medical Center

**Dr. Lekshmi Kumar, Secretary**

Grady EMS, Emory Perinatal  
Transport

**Dr. John McManus**

Region 6 Medical Director  
Parliamentarian  
GBI, Southstar EMS

**Dr. Ron Buchheit**

Region 1 Medical Director, Catoosa  
Fire, Ft Oglethorpe Fire, Southeast  
Event Safety, Walker County EMS

**Dr. David Carle**

Colquitt County EMS, Colquitt  
County Training Program, and  
Colquitt Regional Community  
Paramedicine

**Dr. Michael J Carr**

DeKalb County Fire, Air Life Georgia

**Dr. Brandon Dawson**

St. Francis-Emory Healthcare

**Dr. Jane Ellis**

Emory School of Medicine

**Dr. Ray Fowler**

Douglas County Fire Department

**Dr. Arina Ghaffari**

Piedmont Henry Hospital

**Dr. Ralph Griffin, Jr**

Region 5 Medical Director  
Community Ambulance, Piedmont  
Macon North

**Dr. Thomas L Haltom**

Retired

**Dr. Stafford Hawkins**

Region 8 Medical Director, South  
GA Medical Center, Thomas Co  
EMS

**Dr. Clayton Hearn**

Madison County EMS

**Dr. Kurt Roger Horst**

Region 10 Medical Director  
National EMS  
Athens-Clark Fire Dept.

**Dr. Jonathan Lawrence**

Towns County EMS

**Dr. Sung Bae Lee**

NGHS, Medical Director of  
Neurointerventional Surgery

**Dr. Jeffrey F. Linzer Sr.**

Children's Healthcare of Atlanta, Emory  
University School of Medicine

**Dr. Spencer Masiewicz**

Region 2 Medical Director, Northeast GA  
Health System, Barrow Co ES, NE GA  
Physician Group, White Co EMS, White Co  
Fire Training Academy

**Dr. John Jeffrey Marshall**

Northside Hospital Duluth, Northside  
Hospital Gwinnett

**Dr. Yuko Nakajima**

Metro Atlanta Ambulance Service

**Dr. Ric Solis**

Augusta University Medical Center

**Dr. Jason Springer**

Region 9 Medical Director  
Brantley County EMS

**Dr. Melissa Ward**

Columbus Technical College

**Dr. Mark Waterman**

Clayton County Fire & Emergency  
Services

**Dr. Arthur H. Yancey**

College Park Fire Rescue

# REGIONAL EMS ADVISORY COUNCILS (REMSAC)




Each of the ten (10) EMS regions is represented by a Regional EMS Council (REMSAC) made up of members who are both knowledgeable and interested in the EMS system and represent the interests of a broad cross-section of the Region's EMS citizens.

Each Regional Council serves as a liaison between OEMST and the regional EMS system, is the Local Coordinating Entity (LCE) for Emergency Response Zones (ERZ) within the region, promotes public education and knowledge of Emergency Medical Services, promotes training programs at the local and regional levels, and provides a forum where the concerns of public and private organizations related to the regional EMS system can be voiced.

The membership of each Council is representative of the region's demographics, resources, and characteristics. The size of each Council is determined by the number of counties and characteristics in the region. A majority of the Council Members are appointed by the county's Board of Commissioners. If needed to meet the membership representation requirements of the Council Bylaws, the Commissioner of the Department of Public Health makes additional at-large appointments.



# EMS ZONING



Georgia recognized the desirability of the state participating in the emergency medical systems communications programs established under Public Law 93-154, the Emergency Medical Services Systems Act of 1973.

An emergency medical services system arranges personnel, facilities, and equipment for the effective and coordinated delivery of healthcare services under emergency conditions in a designated geographical area. Providing Emergency Medical Services (EMS) is crucial for Georgia and its residents. The Department of Public Health should administer an emergency medical systems communications program based on the recommendations of the local coordinating entity, prioritizing economy, efficiency, and public welfare.

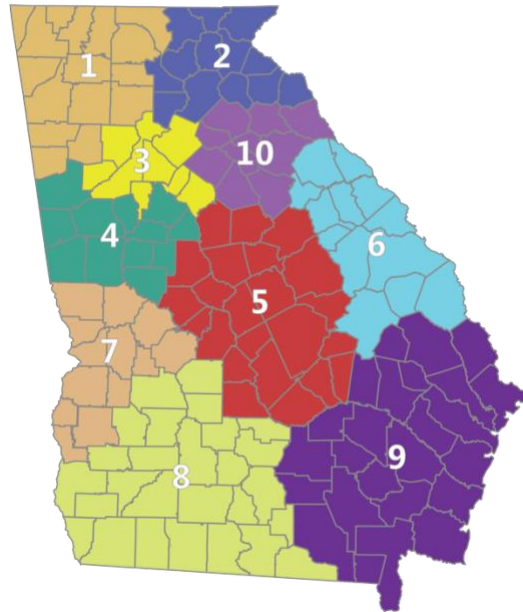
The General Assembly declared that it is the state's public policy to encourage, foster, and promote emergency medical systems communications programs. These should be accomplished in a coordinated, orderly, and economical manner, avoiding unnecessary duplication of services and facilities as defined in O.C.G.A. §§ 31-11-1.

Additionally, the events of September 11, 2001, emphasized the importance of having an organized, efficient EMS system. They also highlighted the need to integrate communities and resources to prevent deficits or disparities at local, regional, or state levels.

Georgia is divided into 175 Emergency Response Zones (ERZ) that form the EMS Communication Program (EMS Zoning).

Each Regional EMS Council is responsible for coordinating, improving, and maintaining a quality EMS system within its region. Upon receiving a request to evaluate an ERZ, a defined process determines if modifications are needed, set forth in O.C.G.A. §§ 31-11-3 and 31-11-4 and under the guidelines of DPH Rule 511-9-2-.04, primarily considering economy, efficiency, and public welfare.

# EMS REGIONS



In 1973, Congress enacted the EMS Systems Act, which created a new grant program to further the development of regional EMS systems in states. The intent of the law was to improve and coordinate care throughout the country through the creation of a grant program run by the Division of Emergency Medical Services within the Department of Health, Education, and Welfare (DHEW). This program became a decisive factor in the nationwide development of regional EMS systems. An important feature of the grant program to Georgia was its emphasis on the need for effective planning at the state, regional, and local levels to ensure coordination of prehospital and hospital emergency care.

The "regionalized" approach for public health was not new to Georgia. Ten (10) public health districts had already been established, which provided Georgia with an architectural framework to build on. With federal support, Georgia began to embark on the development of its Emergency Medical Service System and created 10 EMS regions based on already determined geographical areas of the public health districts.

The EMS regions are an important part of the EMS System in Georgia, as they assist in the ability to coordinate, facilitate the improvement of, and maintain a quality EMS system while accounting for the diverse areas of our state.

# REGION 1

2024

Total Area:

5,482 square miles

Total Population:

1,265,540

Population by County:

Bartow	117,508
Catoosa	68,940
Chattooga	25,306
Cherokee	286,513
Dade	16,068
Fannin	25,854
Floyd	101,390
Gilmer	33,327
Gordon	60,765
Haralson	32,404
Murray	41,316
Paulding	188,549
Pickens	36,580
Polk	44,610
Walker	69,340
Whitfield	105,070



Region 1 is located in the uppermost northwestern corner of Georgia and is comprised of sixteen (16) counties. The region is bordered by Tennessee to the north and Alabama to the west and extends to Haralson County to the south and Fannin County to the east.

Region 1 has thirty-eight (38) EMS agencies that provide transport and non-transport services. In addition, there are three (3) air ambulance base stations and two (2) MIH/Community Paramedicine Programs in the region. The region contains fourteen (14) acute care hospitals with the following specialty designations: six (6) trauma centers, four (4) cardiac centers, and ten (12) stroke centers. The region also has 2 hospitals that provide Level III NICU services and transport. Just outside of Region 1, in Tennessee, is a Level 1 Trauma Center that receives critical trauma patients from a large portion of Region 1.

Notable events in Region 1 during 2024 include:

- Region 1 EMS-C held its first Pediatric Skills Day.
- NW GA EMS Systems Inc. (501c3) and Erlanger Life Force sponsored a Multiverse train the trainer class taught by Region 5 RTAC. One-hundred (100) prehospital and hospital providers attended this event.

# REGION 1

	2024
<b>Total EMS Agencies *</b>	38
Medical First Responder (MFR)	18
Ground Ambulances	27
Neonatal	1
Air Ambulance	1
<b>Total EMS Vehicles</b>	371
MFR (non-transport vehicles)	167
Ground Ambulances	197
Neonatal	2
Air Ambulance	5

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	2024
<b>Total EMS Providers- Active</b>	3,815
EMT-R	79
EMT	694
EMT-I	723
AEMT	953
Cardiac Tech	3
Paramedic	1,363
<b>Total EMS Providers - Lapsed</b>	129
EMT-R	11
EMT	47
EMT-I	7
AEMT	29
Cardiac Tech	0
Paramedic	35

# REGION 1

	2024
<b>Total Responses *</b>	238,391
Medical First Responder (MFR)	44,155
Ground Ambulance	192,874
Air Ambulance	1,362
<b>Total 911 Responses</b>	182,288
Medical First Responder (MFR)	43,506
Ground Ambulance	138,068
Air Ambulance	714
<b>Total 911 Transports</b>	90,808
Ground Ambulance	90,122
Air Ambulance	686
<b>Total Interfacility/Medical Transports **</b>	11,658
<b>Hospital to Hospital Transfer</b>	11,257
Ground Ambulance	10,642
Air Ambulance	615
<b>Hospital to Non-Hospital Transfer</b>	401
Ground Ambulance	396
Air Ambulance	5

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	14.1
Medical First Responder (MFR)	10.5
Ground Ambulance	15.5
Air Ambulance	29.7

# REGION 1

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	178,659
Intercept	203
Mutual Aid	385
Interfacility Transport	25,571
Medical Transport	28,249
Public Assistance	3,041
Standby	1,644
Other Not Listed	639

	2024
<b>Primary Clinical Area</b>	
Medical	135,147
Psych	18,153
Trauma (major and minor)	17,051
Cardiac (includes all etiologies)	13,936
Stroke (includes all etiologies)	2,092
Alcohol/Drugs Exposure	2,229
Poisoning by Drug/Toxin	1,444
No Patient Complaint	48,337

# REGION 1 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	136
EMS Instructor	47
Instructor/Coordinator EMT	3
Instructor/Coordinator AEMT	35
Instructor/Coordinator Paramedic	44
Instructor with PMDC Endorsement	7
<b>Total EMS Education Programs</b>	21
<b>Total EMS Education Courses</b>	54
EMR	5
EMT	28
AEMT	18
Paramedic	3
<b>Total EMS Education Enrollment</b>	537
EMR	35
EMT	285
AEMT	188
Paramedic	29
<b>Total EMS Education Attrition</b>	125
EMR	5
EMT	83
AEMT	29
Paramedic	8

# REGION 1 COUNCIL

## Bartow

### **Buck Alday**

Pediatric Committee  
Bartow County Fire

### **Mike Ellington**

Metro Atlanta  
Ambulance

## Catoosa

### **Steve Quinn**

Catoosa County EMA/  
911

### **Dave Petty**

Catoosa County Fire/ CHI  
Memorial

## Chattooga

### **Herbert Dodd**

Atrium Health Floyd EMS

### **Cristy Harris**

Atrium Health Floyd EMS

## Cherokee

### **Nate Sullivan**

Cherokee County Fire/  
EMS

### **Kristi Wigginton**

Cherokee County Fire/  
EMS

## Dade

### **Alex Case**

Dade County EMA

### **Kyle Gross**

Dade County Emergency  
Services, CHI Memorial  
Hospital EMS

## Fannin

### **Becky Huffman**

Fannin County Fire/ EMS

### **Ryan McDaris**

Fannin County EMA

## Floyd

### **Ben Harbin**

Atrium Health Floyd EMS

### **Debbie Smith**

AdventHealth Redmond  
Hospital

## Gilmer

### **Terence Evans**

Gilmer County Fire/EMS

### **Will Sergent**

Gilmer County Fire/EMS

## Gordon

### **Bud Owens**

Atrium Health Floyd EMS

### **Cortney Taylor**

Gordon County EMA

## Haralson

### **Garrett Brubaker**

Haralson County Fire

### **Mitch Golden**

Ambucare EMS

## Murray

### **Doug Douthitt**

AdventHealth Murray  
EMS

### **Mike Etheridge**

Retired

## Paulding

### **Tim King**

Paulding Co Fire

### **Lisa Lewis**

Paulding Co Fire

## Pickens

### **Keith Elrod**

Pickens County Fire/ EMS

### **Sloan Elrod**

Pickens County Fire/ EMS

## Polk

### **Michael Hanuscin**

Polk County Fire

### **Marty Robinson, Chairman**

AdventHealth Redmond  
EMS

## Walker

### **Blake Hodge**

Walker County EMA/911

### **Curtis Creekmur**

Walker County EMA/911

## Whitfield

### **Edward O'Brien**

Whitfield County Fire

### **Wendy Saylor**

Gordon County EMA

## At-Large

### **Bradley Cothran**

Piedmont Cartersville  
Medical Center

### **Scott Stephens, Vice- Chairman**

Gilmer Co Safe Kids

## Alicia Allen

WellStar Paulding  
Hospital

## Riley Benter

AdventHealth Redmond

## Greg Goedert

Atrium Health Floyd EMS

## Ron Buchheit

Region 1 Medical  
Director  
Erlanger Health Systems

## Heather Clement

Piedmont Cartersville  
Medical Center

## Will Pitt

Parkridge Health  
Systems

## Tommy Sanders

EMS Superstore

## Troy Holder

Life Force Air Medical

## Marcus Lindsey

Air Life Georgia

# REGION 2

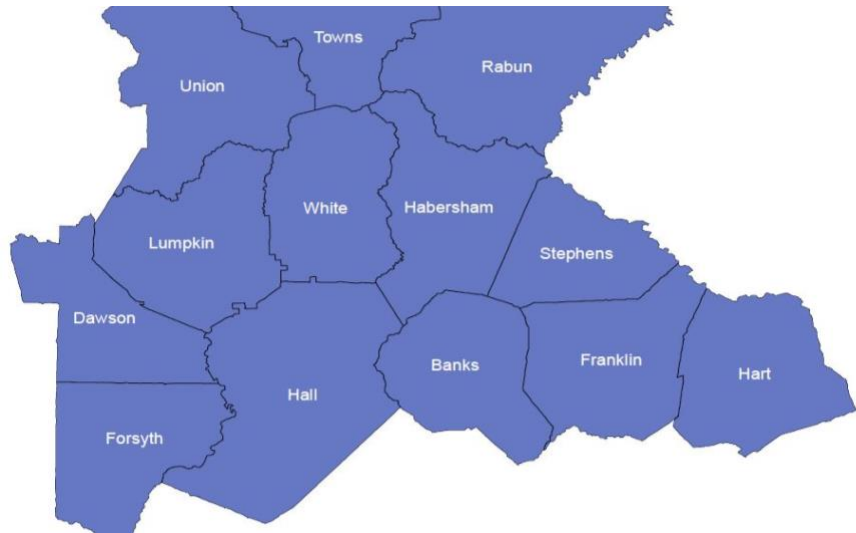
2024

Total Area:  
3,568 square miles

Total Population:  
810,510

Population by County:

Banks	20,318
Dawson	33,748
Forsyth	280,096
Franklin	25,208
Habersham	49,665
Hall	221,745
Hart	28,052
Lumpkin	36,016
Rabun	17,711
Stephens	27,498
Towns	13,184
Union	27,601
White	29,668



Region 2 is in the northeastern corner of Georgia and is comprised of thirteen (13) counties. The region spans from Brasstown Bald at the Towns/Union County line in the north to the southern shores of Lake Sidney Lanier in Forsyth and Hall Counties. The region extends from the western border of Dawson County to Hart County, which borders the South Carolina state line.

Region 2 has twenty-seven (27) EMS agencies that provide transport and non-transport services. In addition, there are two (2) air ambulance base stations, three (3) telehealth programs, and three (3) MIH/Community Paramedicine Programs in region. The region has ten (10) acute care hospitals with the following specialty designations: one (1) Level 1 Trauma Center, six (6) Cardiac Care Centers, and seven (7) Stroke Centers.

Notable events in Region 2 during 2024 include:

Three new ground ambulance services in Forsyth County in 2024

Northside Forsyth became a Primary Stroke Center in February 2024

Union General Hospital became a Remote Stroke Treatment Center.

Northeast Georgia Medical Center/ Habersham became a Level III Emergency Cardiac Center

# REGION 2

	<b>2024</b>
<b>Total EMS Agencies *</b>	27
Medical First Responder (MFR)	8
Ground Ambulances	25
Neonatal	0
Air Ambulance	0
<b>Total EMS Vehicles</b>	316
MFR (non-transport vehicles)	88
Ground Ambulances	228
Neonatal	0
Air Ambulance	0

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers- Active</b>	2,272
EMT-R	43
EMT	445
EMT-I	401
AEMT	567
Cardiac Tech	0
Paramedic	816
<b>Total EMS Providers - Lapsed</b>	90
EMT-R	2
EMT	38
EMT-I	8
AEMT	20
Cardiac Tech	0
Paramedic	22

# REGION 2

	2024
<b>Total Responses *</b>	167,266
Medical First Responder (MFR)	17,560
Ground Ambulance	148,742
Air Ambulance	964
<b>Total 911 Responses</b>	109,482
Medical First Responder (MFR)	17,451
Ground Ambulance	91,434
Air Ambulance	597
<b>Total 911 Transports</b>	59,323
Ground Ambulance	58,747
Air Ambulance	576
<b>Total Interfacility/Medical Transports **</b>	8,868
<b>Hospital to Hospital Transfer</b>	8,868
Ground Ambulance	8,522
Air Ambulance	346
<b>Hospital to Non-Hospital Transfer</b>	661
Ground Ambulance	661
Air Ambulance	0

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	12.4
Medical First Responder (MFR)	8.7
Ground Ambulance	13.1
Air Ambulance	29.8

# REGION 2

	<b>2024</b>
<b>Type of Service Requested</b>	
911 Response (Scene)	97,815
Intercept	313
Mutual Aid	566
Interfacility Transport	17,444
Medical Transport	38,227
Public Assistance	10,788
Standby	1,901
Other Not Listed	212

	<b>2024</b>
<b>Primary Clinical Area</b>	
Medical	108,860
Psych	9,651
Trauma (major and minor)	13,680
Cardiac (includes all etiologies)	9,250
Stroke (includes all etiologies)	1,714
Alcohol/Drugs Exposure	1,582
Poisoning by Drug/Toxin	462
No Patient Complaint	22,063

# REGION 2 EMS EDUCATION

	<b>2024</b>
<b>Total Number of Instructors</b>	67
EMS Instructor	23
Instructor/Coordinator EMT	1
Instructor/Coordinator AEMT	19
Instructor/Coordinator Paramedic	22
Instructor with PMDC Endorsement	2
<b>Total EMS Education Programs</b>	10
<b>Total EMS Education Courses</b>	35
EMR	8
EMT	13
AEMT	13
Paramedic	1
<b>Total EMS Education Enrollment</b>	375
EMR	72
EMT	139
AEMT	141
Paramedic	23
<b>Total EMS Education Attrition</b>	45
EMR	6
EMT	18
AEMT	12
Paramedic	9

# REGION 2 COUNCIL

## Banks

### **Steve Nichols**

Banks County Fire/EMS

### **Jennifer Morris**

Banks County Fire/EMS

## Dawson

### **Justin Mitchell**

Dawson County Emergency Services

### **Johnny Irvin**

Dawson County Emergency Services

## Forsyth

### **Rick Hamilton**

Forsyth County Fire Department

### **Jason Shivers**

Forsyth County Fire Department

## Franklin

### **Terry Harris**

Franklin County EMS

### **Brandon Gibson**

Franklin County EMS

## Habersham

### **Barry Church**

Retired

### **Jeff Adams**

Habersham County Emergency Services

## Hall

### **Bobby Ogeltree**

Hall County Fire Services

### **Mark Arnold**

Hall County Fire Services

## Hart

### **Terrell Partain, Vice-Chair**

Hart County Board of Commissioners / County Manager

### **Mike Adams**

Hart County EMS

## Lumpkin

### **David Wimpy**

Lumpkin County Emergency Services

### **Lorraine Morris**

Lumpkin County Emergency Services

## Rabun

### **Mike Carnes**

Rabun County EMS

### **Trampes Stancil, Chairman**

Rabun County EMS

## Stephens

### **Aaron Wilkinson**

Stephens County EMS

### **Chris Stephens**

Stephens County EMS

## Towns

### **Ken Nicholson**

Towns County EMS

### **Greg Taylor**

Towns County EMS/Life Force Air Medical-Erlanger

## Union

### **Wesley Rogers**

Union General EMS

### **David Mullins**

Union General EMS

## White

### **Bill Scandrett**

Northeast Georgia Medical Center/White Co EMS

### **David Murphy**

White County Public Safety

## At-Large

### **Randall Townley**

Retired

### **Jay Chastain**

Towns County EMS

### **Scott Masters**

Retired

### **James Lord**

Lumpkin County Emergency Services

### **Sam Stone**

Lanier Technical College

### **Tinnelle Davey**

Habersham Medical Center

### **Tammy Jones**

Rabun County EMS

### **Dr. Spencer Masieciwz**

Northeast Georgia Medical Center

### **Marcus Lindsey**

Air Life Georgia

### **Jonathan Jones**

GA Emergency Mgmt. and Homeland Security Agency

### **Eric Stover**

City of Gainesville Fire

### **Ricky Burnette**

Central EMS - Forsyth 911 Division

### **David Kimbrell**

Amerimed EMS

### **Dixon Marlow**

Amerimed EMS

### **Deidra Moore**

Amerimed EMS

### **David Shanks**

GEMA/Homeland Security

### **Brandon Carey**

Northside Hospital System

### **Jesse Gibson**

Northeast Georgia Medical Center

# REGION 3

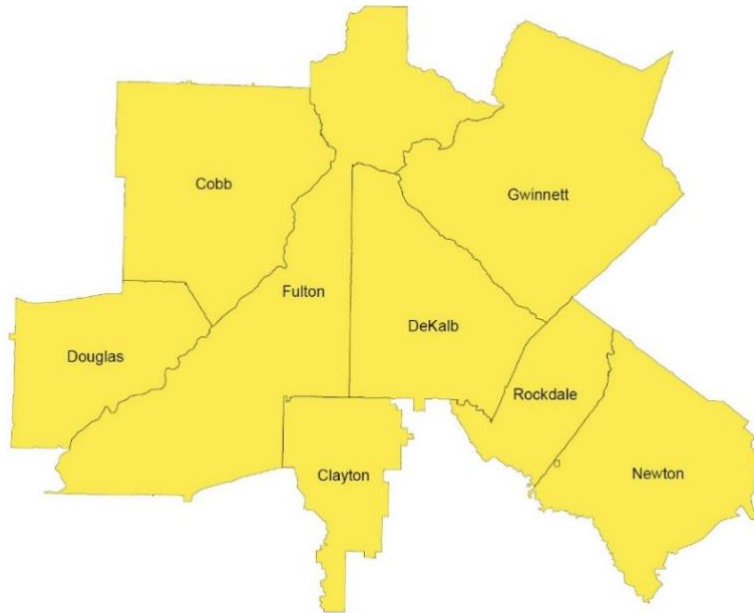
2024

Total Area:  
2,343 square miles

Total Population:  
4,323,278

Population by County:

Clayton	297,703
Cobb	787,538
DeKalb	770,307
Douglas	151,887
Fulton	1,090,354
Gwinnett	1,003,869
Newton	124,010
Rockdale	95,610



Region 3 is located in the metro Atlanta area of the state. The region is comprised of eight (8) counties and covers approximately 4% of the landmass for the state of Georgia, with the region’s population containing approximately 39% of the state’s total population. The counties within the region have a diverse population mix that includes both urban and suburban settings. The region spans from Clayton County on the southern border to Cobb County in the north and Douglas County to the west and Newton County in the east.

Region 3 has one- hundred eighteen (118) EMS agencies that provide transport and non-transport services. In addition, there are four (4) air ambulance base stations, three (3) EMS Telehealth programs, three (3) EMS MIH/Community Paramedicine Programs, and two (2) Nurse Navigation Programs in the region. The region has twenty-eight (28) acute care hospitals with the following specialty designations: five (5) adult and two (2) pediatric Trauma Centers, one (1) Burn Center, twelve (12) Cardiac Centers, and nineteen (19) Stroke Centers.

Notable events in Region 3 during 2024 include:

Children’s Healthcare of Atlanta-Arthur M. Blank Hospital opened on September 29<sup>th</sup>

Biolab fire and chemical release in Conyers

# REGION 3

	<b>2024</b>
<b>Total EMS Agencies *</b>	118
Medical First Responder (MFR)	34
Ground Ambulances	93
Neonatal	4
Air Ambulance	1
<b>Total EMS Vehicles</b>	1,445
MFR (non-transport vehicles)	565
Ground Ambulances	876
Neonatal	2
Air Ambulance	2

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers- Active</b>	6,312
EMT-R	94
EMT	1,880
EMT-I	921
AEMT	1,683
Cardiac Tech	2
Paramedic	1,732
<b>Total EMS Providers - Lapsed</b>	364
EMT-R	29
EMT	200
EMT-I	10
AEMT	69
Cardiac Tech	0
Paramedic	56

# REGION 3

	<b>2024</b>
<b>Total Responses *</b>	1,169,824
Medical First Responder (MFR)	311,199
Ground Ambulance	857,073
Air Ambulance	1,552
<b>Total 911 Responses</b>	838,329
Medical First Responder (MFR)	307,321
Ground Ambulance	530,592
Air Ambulance	416
<b>Total 911 Transports</b>	335,355
Ground Ambulance	334,989
Air Ambulance	366
<b>Total Interfacility/Medical Transports **</b>	24,804
<b>Hospital to Hospital Transfer</b>	20,667
Ground Ambulance	19,779
Air Ambulance	888
<b>Hospital to Non-Hospital Transfer</b>	4,137
Ground Ambulance	4,135
Air Ambulance	2

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	<b>2024</b>
<b>Average 911 Response Time (In Minutes)</b>	18.4
Medical First Responder (MFR)	12.0
Ground Ambulance	22.1
Air Ambulance	30.5

# REGION 3

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	829,710
Intercept	2,081
Mutual Aid	728
Interfacility Transport	63,271
Medical Transport	263,011
Public Assistance	5,810
Standby	1,506
Other Not Listed	3,707

	2024
<b>Primary Clinical Area</b>	
Medical	644,243
Psych	69,413
Trauma (major and minor)	73,656
Cardiac (includes all etiologies)	46,842
Stroke (includes all etiologies)	7,053
Alcohol/Drugs Exposure	11,631
Poisoning by Drug/Toxin	4,285
No Patient Complaint	312,649

# REGION 3 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	121
EMS Instructor	42
Instructor/Coordinator EMT	3
Instructor/Coordinator AEMT	29
Instructor/Coordinator Paramedic	43
Instructor with PMDC Endorsement	4
<b>Total EMS Education Programs</b>	27
<b>Total EMS Education Courses</b>	143
EMR	16
EMT	74
AEMT	40
Paramedic	13
<b>Total EMS Education Enrollment</b>	1912
EMR	210
EMT	1040
AEMT	492
Paramedic	170
<b>Total EMS Education Attrition</b>	418
EMR	40
EMT	283
AEMT	67
Paramedic	28

# REGION 3 COUNCIL

## Clayton

**Rich Elliott, Chairman**  
Clayton Fire-EMS

**Mark Waterman, MD**  
Clayton Fire-EMS

## Cobb

**Nick Adams**  
Cobb County Fire & EMS

**Eric Nix, M.D.**  
Cobb County Fire & EMS

**Thomas Bates**  
Smyrna Fire

**Pete Quinones**  
Metro Atlanta Ambulance

## Dekalb

**Darnell Fullum**  
DeKalb County Fire Rescue

**Sam Shartar**  
Emory EMS

**Michael Carr MD**  
Emory University Hospital

**Kimberly Bullock-Unangst**  
DeKalb County Fire Rescue

## Douglas

**Stacie Farmer**  
Douglas County Fire/EMS

## Fulton

**Roderick Smith**  
Atlanta Fire Rescue

**Michael Charles**  
Secretary  
Consumer

**Matthew Kallmyer**  
Fulton County EMA

**Chris Coons**  
Johns Creek Fire Department

**Henry Argo**  
City of Palmetto Fire

**Steve Moyers, Vice-Chairman**  
Grady EMS

**Gwinnett**  
**Russell Knick**  
Gwinnett County Fire/EMS

**Patrick McDougal, M.D.**  
Gwinnett County Fire/EMS

**Greg Swanson**  
Gwinnett EMA

**Jekerry Weaver**  
Gwinnett County Fire/EMS

**Fred Cephas**  
Gwinnett County Fire/EMS

## Newton

**Michael Conner**  
Newton County Fire

**Rockdale**  
**Marian McDaniel**  
Rockdale County Fire

**At Large**  
**John Harvey, M.D.**  
Medical Association of GA

**Jenaila Hawkins**  
Emergency Preparedness Specialist- (Cobb)

**Jason Grady**  
Northside Healthcare System

**Elizabeth Benjamin, MD**  
Grady Healthcare System

**Patrick Flaherty**  
Sandy Springs Fire Department

**Gene Jones**  
Air Life Georgia

**Rana Roberts**  
Children's Healthcare of Atlanta

**Trent Baker**  
Clayton Fire-EMS

**Lori Wood**  
Grady Healthcare System

# REGION 4

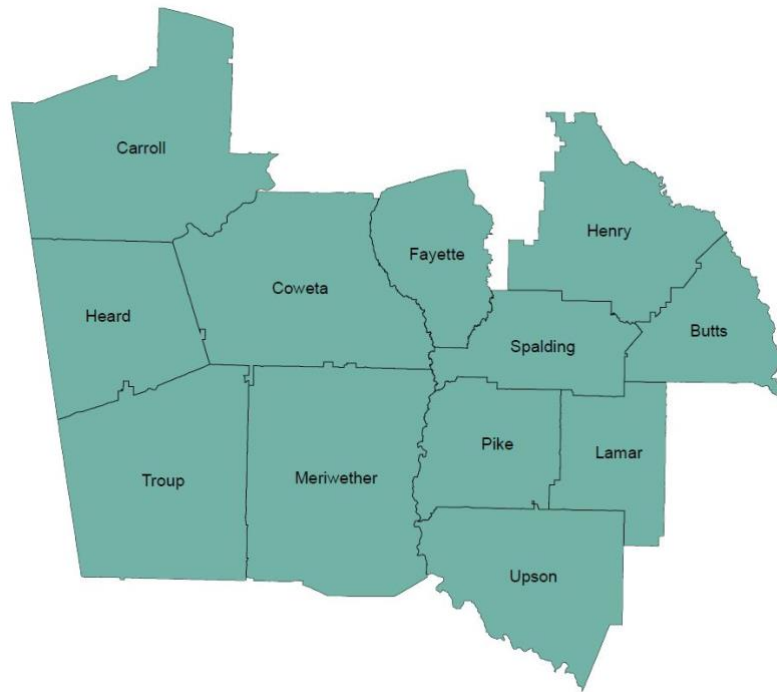
2024

Total Area:  
3,568 square miles

Total Population:  
944,773

Population by County:

Butts	27,127
Carroll	129,911
Coweta	158,233
Fayette	125,107
Heard	12,119
Henry	259,315
Lamar	20,690
Meriwether	21,439
Pike	20,669
Spalding	70,292
Troup	71,513
Upson	28,358



Region 4 is in the northwestern midsection of the state and consists of a mixture of twelve (12) urban, suburban, and rural counties. Region 4 is bordered by Alabama on the west to Butts County in the east and stretches from the rolling hills of Carroll County in the north through Upson County in the southeast.

Region 4 has forty-three (43) EMS agencies that provide transport and non-transport services. In addition, there are five (5) air ambulance base stations, three (3) EMS MIH/Community Paramedicine programs and one (1) Nurse Navigator program in the region. The region has ten (10) acute care hospitals with the following specialty designations: three (3) Trauma Centers, four (4) Cardiac Centers, and seven (7) Stroke Centers.

Notable events in Region 4 during 2024 include:

- Hosted the annual Region 4 EMS Awards Banquet after 4-year hiatus
- Hosted the first ever RTAC Trauma Symposium with Region 4 RTAC

# REGION 4

	<b>2024</b>
<b>Total EMS Agencies *</b>	43
Medical First Responder (MFR)	15
Ground Ambulances	36
Neonatal	0
Air Ambulance	1
<b>Total EMS Vehicles</b>	347
MFR (non-transport vehicles)	130
Ground Ambulances	196
Neonatal	0
Air Ambulance	21

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers- Active</b>	3,410
EMT-R	29
EMT	731
EMT-I	624
AEMT	870
Cardiac Tech	2
Paramedic	1,154
<b>Total EMS Providers - Lapsed</b>	114
EMT-R	10
EMT	53
EMT-I	1
AEMT	26
Cardiac Tech	0
Paramedic	24

# REGION 4

	2024
<b>Total Responses *</b>	264,315
Medical First Responder (MFR)	45,770
Ground Ambulance	216,102
Air Ambulance	2,443
<b>Total 911 Responses</b>	180,441
Medical First Responder (MFR)	44,409
Ground Ambulance	134,886
Air Ambulance	1,146
<b>Total 911 Transports</b>	86,823
Ground Ambulance	85,723
Air Ambulance	1,100
<b>Total Interfacility/Medical Transports **</b>	8,764
<b>Hospital to Hospital Transfer</b>	7,119
Ground Ambulance	6,019
Air Ambulance	1,100
<b>Hospital to Non-Hospital Transfer</b>	1,645
Ground Ambulance	1,643
Air Ambulance	2

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	16.1
Medical First Responder (MFR)	12.6
Ground Ambulance	17.2
Air Ambulance	31.7

# REGION 4

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	178,921
Intercept	317
Mutual Aid	584
Interfacility Transport	20,972
Medical Transport	61,807
Public Assistance	619
Standby	262
Other Not Listed	833

	2024
<b>Primary Clinical Area</b>	
Medical	165,720
Psych	15,099
Trauma (major and minor)	14,417
Cardiac (includes all etiologies)	12,270
Stroke (includes all etiologies)	2,333
Alcohol/Drugs Exposure	2,051
Poisoning by Drug/Toxin	234
No Patient Complaint	52,173

# REGION 4 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	135
EMS Instructor	47
Instructor/Coordinator EMT	0
Instructor/Coordinator AEMT	34
Instructor/Coordinator Paramedic	51
Instructor with PMDC Endorsement	3
<b>Total EMS Education Programs</b>	11
<b>Total EMS Education Courses</b>	62
EMR	2
EMT	27
AEMT	23
Paramedic	10
<b>Total EMS Education Enrollment</b>	747
EMR	69
EMT	378
AEMT	156
Paramedic	144
<b>Total EMS Education Attrition</b>	271
EMR	3
EMT	182
AEMT	47
Paramedic	39

# REGION 4 COUNCIL

## Butts

### **Wesley Johnston**

Butts County Fire Department

### **Anthony Russo**

Butts County Fire Department

## Carroll

### **Tim Padgett**

Carroll EMA Director

### **Allen English**

Carrollton Fire Department

### **Chuck Barnwell**

Carroll County Fire Rescue

### **Gary Thomas**

Tanner Health System

## Coweta

### **Brian Golden**

Coweta County Fire Rescue

### **Brian Beckworth**

Coweta County Fire Rescue

### **Michael Terrell**

Coweta County EMS

### **Greg Shinkles**

Coweta County Fire Rescue

## Fayette

### **Scott Roberts**

Fayette County Department of Fire & ES

### **Jeff Hill**

Fayette County Department of Fire & Emergency Services

### **Kevin Baggett**

Peachtree City Fire Rescue

### **David Winkles**

Peachtree City Fire Rescue

## Heard

### **Donald Cofer**

Heard County Emergency Services

### **Jim Short**

Heard County Emergency Services

## Henry

### **Frank Robinson**

Henry County Fire

### **Sam Polk, Chairman**

Henry County Fire

### **Billy Petite**

Henry County Fire

### **Jonathan Burnette**

Henry County Fire

## Lamar

### **Douglas Matthews**

Lamar County Fire and Rescue

### **Robert Cox MD**

Atrium Health Navicent Medical Center

## Meriwether

### **Danny Stephens**

Meriwether County Fire and Rescue

### **Christie Grice**

Meriwether County Fire and Rescue

## Pike

### **Brittany Hammond**

Pike County Fire Department

### **Jim Totten**

AmeriPro EMS

## Spalding

### **Glen Polk**

Spalding County EMA/Spalding County Fire

### **Matthew Perry, Vice-Chair**

WellStar Spalding EMS

### **Ricardo McCrary**

Spalding County 911

### **Brian Michel**

City of Griffin Fire Rescue

## Troup

### **Michale Strickland**

Troup County EMA

### **Derick Staley**

City of West Point Fire Department

### **Shannan McLaughlin**

Troup County E-911

### **Willie Bradfield**

Lagrange Fire Department

## Upson

### **Richard Hickmon**

Thomaston-Upson County

### **Ethan Gray**

AmeriPro EMS

## At Large

### **Thomas Woodruff**

Faithful Guardian Training Center

### **Shane Owens**

**At-Large Executive Committee**  
Air Life Georgia

### **Frank Polombo**

Air Evac EMS

### **Rachel Hand**

WellStar West Georgia Medical Center

### **Joani McElroy**

Piedmont Newnan Hospital

# REGION 5

## 2024

### Total Area:

8,560 square miles

### Total Population:

710,173

### Population by County:

Baldwin	43,644
Bibb	157,056
Bleckley	12,349
Crawford	12,349
Dodge	19,630
Hancock	9,178
Houston	174,897
Jasper	17,219
Johnson	9,178
Jones	29,047
Laurens	50,287
Monroe	31,437
Montgomery	8,566
Peach	29,213
Pulaski	10,180
Putnam	23,383
Telfair	11,000
Treutlen	6,420
Twiggs	7,728
Washington	19,834
Wheeler	7,706
Wilcox	8,904
Wilkinson	8,667



Region 5 is in the geographical center of Georgia. The region is comprised of twenty-three (23) counties that spans from Jasper County in the north to Telfair County in the south and from Crawford County in the east to Washington County in the west.

Region 5 has thirty-six (36) individual EMS agencies that provide transport and non-transport services. In addition, there are four (4) air ambulance base stations located within the region. Region 5 has seventeen (17) acute care hospitals with the following specialty designations: two (2) Trauma Centers, five (5) Cardiac Centers, and six (7) Stroke Centers.

Notable events in Region 5 during 2024 include:

- The Georgia National Fair in Perry
- Hurricane Helene passed through the region as a Category 2 hurricane

# REGION 5

	<b>2024</b>
<b>Total EMS Agencies *</b>	36
Medical First Responder (MFR)	2
Ground Ambulances	35
Neonatal	1
Air Ambulance	0
<b>Total EMS Vehicles</b>	262
MFR (non-transport vehicles)	21
Ground Ambulances	238
Neonatal	3
Air Ambulance	0

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers- Active</b>	1,679
EMT-R	35
EMT	563
EMT-I	262
AEMT	242
Cardiac Tech	3
Paramedic	574
<b>Total EMS Providers - Lapsed</b>	64
EMT-R	10
EMT	34
EMT-I	2
AEMT	10
Cardiac Tech	0
Paramedic	8

# REGION 5

	2024
<b>Total Responses *</b>	236,089
Medical First Responder (MFR)	10,792
Ground Ambulance	223,332
Air Ambulance	1,965
<b>Total 911 Responses</b>	135,733
Medical First Responder (MFR)	5,082
Ground Ambulance	129,919
Air Ambulance	732
<b>Total 911 Transports</b>	91,963
Ground Ambulance	91,282
Air Ambulance	681
<b>Total Interfacility/Medical Transports **</b>	9,957
<b>Hospital to Hospital Transfer</b>	9,559
Ground Ambulance	8,419
Air Ambulance	1,140
<b>Hospital to Non-Hospital Transfer</b>	398
Ground Ambulance	396
Air Ambulance	2

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	21.1
Medical First Responder (MFR)	10.5
Ground Ambulance	21.3
Air Ambulance	36.9

# REGION 5

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	133,940
Intercept	943
Mutual Aid	492
Interfacility Transport	21,415
Medical Transport	77,521
Public Assistance	358
Standby	663
Other Not Listed	757

	2024
<b>Primary Clinical Area</b>	
Medical	180,098
Psych	9,138
Trauma (major and minor)	9,334
Cardiac (includes all etiologies)	9,050
Stroke (includes all etiologies)	2,073
Alcohol/Drugs Exposure	1,967
Poisoning by Drug/Toxin	394
No Patient Complaint	23,403

# REGION 5 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	93
EMS Instructor	38
Instructor/Coordinator EMT	2
Instructor/Coordinator AEMT	28
Instructor/Coordinator Paramedic	20
Instructor with PMDC Endorsement	5
<b>Total EMS Education Programs</b>	15
<b>Total EMS Education Courses</b>	55
EMR	13
EMT	25
AEMT	12
Paramedic	5
<b>Total EMS Education Enrollment</b>	441
EMR	107
EMT	214
AEMT	87
Paramedic	33
<b>Total EMS Education Attrition</b>	177
EMR	48
EMT	88
AEMT	22
Paramedic	19

# REGION 5 COUNCIL

**Baldwin**

**Lewis Osborne**  
Baldwin County Fire

**John "David" Carver**

Grady EMS - Baldwin  
County

**Bleckley**

**W.J. Bill Cheek**  
Heartland EMS

**Crawford**

**Randall Pate**  
Crawford County Fire

**Dodge**

**Clint Nelson**  
Dodge County EMS

**Michael Johnson**

Dodge County EMS

**Hancock**

**TM Patterson**  
Hancock County EMS

**Houston**

**David Borghelli**  
Houston Healthcare EMS

**Christopher Stoner**

Houston County Fire

**Kirk Crumpton**

Perry Fire and Emergency  
Services

**Brenda Kozar**

Houston Healthcare EMS

**Jasper**

**Chris Finch**  
Jasper County Fire  
Rescue

**Johnson**

**Jeff Soles**  
Johnson County EMS

**Jones**

**Chris Criswell**  
Jones County Fire Rescue

**Thomas Coleman**

Jones County Fire Rescue

**Laurens**

**Forrest Jones**  
Laurens County EMS

**Terry Cobb, Chairman**

Laurens County EMS

**Macon-Bibb**

**Liana Rogers**  
Piedmont Macon Medical  
Center

**Todd Dixon**

Amerimed EMS

**Joe Robinson**

Community Ambulance  
Service

**Marvin Riggins**

Macon-Bibb Fire  
Department

**Monroe**

**Matt Jackson**  
Monroe County ES

**Kristen Lyndall**

Monroe County  
Emergency Services

**Montgomery**

**Jonathan Holland**  
Toombs-Montgomery  
County EMS

**Peach**

**A.K. Lewis**  
Peach County EMS

**Brian Donaldson**

Peach County EMS

**Pulaski**

**Ray Britt**  
Taylor Regional Hospital

**Putnam**

**Tommy McClain**  
Putnam County Fire

**Brad Murphey**

Putnam County EMS

**Telfair**

**Steve Thornton**  
Telfair County EMS

**Treutlen**

**Wayne Coats**  
Treutlen County EMS

**Twiggs**

**Gilbert French**  
Twiggs County

**Washington**

**Tony Johnson**  
Washington County EMS

**Michael Padgett**

Washington County EMS

**Wheeler**

**Selena Howell**  
Wheeler County EMS

**Wilcox**

**Charles Futch**  
Wilcox County EMS

**Wilkinson**

**Tommy Brown**  
Wilkinson County EMS

**At Large**

**Denise Goings**  
Atrium Health Navicent

**Lee Oliver, Vice-  
Chairman**

Metro Atlanta Ambulance  
Service

**Dr. Ralph Griffin**

Region 5 Medical  
Director  
Community Ambulance

**Eric Wilson**

MedPro EMS-City of  
Forsyth

**Kristal Smith**

Atrium Health Navicent

**Richard Ellis**

Central Georgia Technical  
College

**Britta Thomason**

Air Evac EMS

# REGION 6

2024

Total Area:  
5,323 square miles

Total Population:  
508,807

Population by County:

Burke	24,472
Columbia	167,472
Emanuel	23,224
Glascock	3,008
Jefferson	15,019
Jenkins	8,836
Lincoln	8,049
McDuffie	21,764
Richmond	206,303
Screven	14,325
Taliaferro	1,620
Warren	5,148
Wilkes	9,567



Region 6 is in the eastern midsection of Georgia bordered on the east by South Carolina and is comprised of thirteen (13) counties. The region is a narrow section running from Wilkes County in the north to Screven County in the south. It is characterized by gently undulating slopes and streams with rich farms.

Region 6 has twenty-one (21) individual EMS agencies that provide transport and non-transport services. Region 6 has eleven (11) acute care hospitals with the following specialty designations: three (3) adult and one (1) pediatric Trauma Centers, one (1) Burn Center, two (2) Cardiac Centers, and four (4) Stroke Centers.

Notable events in Region 6 during 2024 include:

- Masters Tournament at Augusta National Country Club
- Hurricane Helene impacts and recovery from ice and snowstorms

# REGION 6

	<b>2024</b>
<b>Total EMS Agencies *</b>	21
Medical First Responder (MFR)	7
Ground Ambulances	15
Neonatal	0
Air Ambulance	1
<b>Total EMS Vehicles</b>	177
MFR (non-transport vehicles)	84
Ground Ambulances	90
Neonatal	1
Air Ambulance	2

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers - Active</b>	1,302
EMT-R	30
EMT	431
EMT-I	253
AEMT	251
Cardiac Tech	2
Paramedic	335
<b>Total EMS Providers - Lapsed</b>	76
EMT-R	5
EMT	35
EMT-I	2
AEMT	16
Cardiac Tech	0
Paramedic	18

# REGION 6

	2024
<b>Total Responses *</b>	141,957
Medical First Responder (MFR)	25,516
Ground Ambulance	115,895
Air Ambulance	546
<b>Total 911 Responses</b>	112,491
Medical First Responder (MFR)	24,895
Ground Ambulance	87,477
Air Ambulance	119
<b>Total 911 Transports</b>	57,814
Ground Ambulance	57,699
Air Ambulance	115
<b>Total Interfacility/Medical Transports **</b>	5,112
<b>Hospital to Hospital Transfer</b>	4,914
Ground Ambulance	4,502
Air Ambulance	412
<b>Hospital to Non-Hospital Transfer</b>	198
Ground Ambulance	198
Air Ambulance	0

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	23.9
Medical First Responder (MFR)	9.4
Ground Ambulance	27.9
Air Ambulance	34.7

# REGION 6

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	111,284
Intercept	460
Mutual Aid	524
Interfacility Transport	9,638
Medical Transport	18,955
Public Assistance	223
Standby	691
Other Not Listed	182

	2024
<b>Primary Clinical Area</b>	
Medical	86,367
Psych	9,912
Trauma (major and minor)	8,935
Cardiac (includes all etiologies)	7,740
Stroke (includes all etiologies)	953
Alcohol/Drugs Exposure	1,518
Poisoning by Drug/Toxin	346
No Patient Complaint	26,186

# REGION 6 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	63
EMS Instructor	28
Instructor/Coordinator EMT	4
Instructor/Coordinator AEMT	20
Instructor/Coordinator Paramedic	11
Instructor with PMDC Endorsement	0
<b>Total EMS Education Programs</b>	9
<b>Total EMS Education Courses</b>	30
EMR	3
EMT	17
AEMT	8
Paramedic	2
<b>Total EMS Education Enrollment</b>	270
EMR	24
EMT	154
AEMT	69
Paramedic	23
<b>Total EMS Education Attrition</b>	97
EMR	7
EMT	60
AEMT	26
Paramedic	4

# REGION 6 COUNCIL

## Burke

**Debbie Burch**  
Burke Medical Center

**Steve Matthews**  
Burke County EMA

## Columbia

**Ray Blessing**  
Columbia City Fire Rescue

**Dr. Richard Schwartz**  
Augusta University Hospital

## Emanuel

**Courtney Terwilliger, Vice-Chairman**  
Emanuel County PS

**Nicky Drake**  
Emanuel County EMS

## Glascok

**Mike Lyons**  
Glascok EMA

**Mike Padgett**  
Glascok DPH Health Department

## Jefferson

**Chad Parker**  
Gold Cross EMS

**Keith Boulineau**  
City of Wrens Fire Department

## Jenkins

**Henry Young**  
Jenkins County EMS

**Stacie Anderson**  
Jenkins County EMS

## Lincoln

**Casey Broom**  
Lincoln County EMS

**Wanda Duncan**  
Lincoln County EMS

## McDuffie

**Kay Lord**  
McDuffie County Fire/EMS

**Stephen Sewell**  
McDuffie County Fire/EMS

## Richmond

**Antonio Burden**  
Augusta Fire Department

**Daniel Dunlap**  
Augusta 911

## Screven

**Josh Kaiser**  
Screven County EMS

## Taliaferro

**Andrew Foot**  
Taliaferro County FD

**Delores Moore**  
Wilkes County EMS

## Warren

**John Graham, Chairman**  
Warren County Board of Commissioners

**Crystal Ladousier**  
Warren County EMS

## Wilkes

**Dan Wright**  
Wilkes County EMS

**Bruce Bailey**  
Wilkes County EMS

## At Large

**Amanda Howard**  
Augusta University Hospital

**Dr. Natalie Lane**  
Augusta University Hospital

**Lawana Mercer-Cobb**  
Citizen

## Scott Peebles

Richmond County Marshal's Office

**Bonnie Powell**  
University Hospital

## Jamarius Tate

Columbia County Fire Rescue

## John Smith

Secretary  
Gold Cross EMS

## Dr. Jimmy Peebles

Retired

## Joe Webber

Augusta University Hospital

## Cory Thomas

Central EMS

# REGION 7

2024

Total Area:  
4,143 square miles

Total Population:  
303,161

Population by County:

Chattahoochee	8,548
Clay	2,815
Harris	36,929
Macon	11,831
Marion	7,635
Muscogee	201,830
Quitman	2,323
Randolph	6,085
Schley	4,503
Stewart	4,809
Talbot	5,755
Taylor	7,783
Webster	2,315



Region 7 is in the western midsection of the state and is comprised of thirteen (13) counties. The region is bordered on the west by Alabama and stretches to Dooly County in the east and Harris County in the north to Clay County in the south.

Region 7 has eighteen (18) individual EMS agencies that all provide transport services. Additionally, Region 7 has one (1) EMS MIH/Community Paramedicine Program. Region 7 has five (5) acute care hospitals with the following specialty designations: one (1) Trauma Center, one (1) Cardiac Center, and two (2) Stroke Centers.

Notable events in Region 7 during 2024 include:

- Region 7 Instructor Symposium
- Region 7 EMS Awards Banquet
- Region 7 RTAC hosted a trauma skills lab

# REGION 7

	2024
<b>Total EMS Agencies *</b>	18
Medical First Responder (MFR)	0
Ground Ambulances	17
Neonatal	1
Air Ambulance	0
<b>Total EMS Vehicles</b>	98
MFR (non-transport vehicles)	30
Ground Ambulances	66
Neonatal	2
Air Ambulance	0

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	2024
<b>Total EMS Providers- Active</b>	775
EMT-R	14
EMT	199
EMT-I	128
AEMT	187
Cardiac Tech	0
Paramedic	247
<b>Total EMS Providers - Lapsed</b>	33
EMT-R	1
EMT	18
EMT-I	1
AEMT	3
Cardiac Tech	0
Paramedic	10

# REGION 7

	2024
<b>Total Responses *</b>	102,306
Medical First Responder (MFR)	22,917
Ground Ambulance	78,992
Air Ambulance	397
<b>Total 911 Responses</b>	72,149
Medical First Responder (MFR)	22,852
Ground Ambulance	49,083
Air Ambulance	214
<b>Total 911 Transports</b>	34,426
Ground Ambulance	34,230
Air Ambulance	196
<b>Total Interfacility/Medical Transports **</b>	2,557
<b>Hospital to Hospital Transfer</b>	2,387
Ground Ambulance	2,288
Air Ambulance	99
<b>Hospital to Non-Hospital Transfer</b>	170
Ground Ambulance	170
Air Ambulance	0

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	11.8
Medical First Responder (MFR)	6.4
Ground Ambulance	14.7
Air Ambulance	38.8

# REGION 7

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	70,888
Intercept	203
Mutual Aid	229
Interfacility Transport	6,140
Medical Transport	23,718
Public Assistance	829
Standby	124
Other Not Listed	175

	2024
<b>Primary Clinical Area</b>	
Medical	68,557
Psych	6,647
Trauma (major and minor)	4,638
Cardiac (includes all etiologies)	4,470
Stroke (includes all etiologies)	675
Alcohol/Drugs Exposure	811
Poisoning by Drug/Toxin	77
No Patient Complaint	16,431



# REGION 7 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	33
EMS Instructor	4
Instructor/Coordinator EMT	0
Instructor/Coordinator AEMT	14
Instructor/Coordinator Paramedic	13
Instructor with PMDC Endorsement	2
<b>Total EMS Education Programs</b>	7
<b>Total EMS Education Courses</b>	26
EMR	2
EMT	15
AEMT	9
Paramedic	0
<b>Total EMS Education Enrollment</b>	201
EMR	9
EMT	121
AEMT	71
Paramedic	0
<b>Total EMS Education Attrition</b>	60
EMR	1
EMT	42
AEMT	17
Paramedic	0

# REGION 7 COUNCIL

## Chattahoochee

### David Bucher

Unified Government of Cusseta-  
Chattahoochee County EMS

### Teri Hancock

Unified Government of Cusseta-  
Chattahoochee County EMS

## Clay

### James Copp

Clay County

### Raymon Crozier

Clay County Government

## Harris

### Thomas Faulkner

Harris County EMS

### Quincy Searcy

Harris County EMS

## Macon

### George Joiner, Vice-Chairman

Macon County EMS

### Richard Chase, DO

Macon County EMS

## Marion

### Tripp Riddle

Marion County EMS

### Michael Hortman

Marion County EMS

## Muscogee

### Jules Hazen

Columbus Fire & EMS

### Marie Harrell

Columbus Fire & EMS

## Quitman

### Norma Hayes

Quitman County Government

### Tina White

Quitman County Volunteer Fire  
Department

## Randolph

### Jamie Sauls

Grady EMS

### Marlon Coleman

Randolph County Fire

## Schley

### Duane Montgomery

Schley County EMS

### Douglas Jamieson

Schley County Government

## Stewart

### Greg Stewart, Chairman

Stewart County Fire & EMS

### Adam Griggs

Stewart County Government

## Talbot

### Leigh Ann Erenheim

Secretary

Talbot County Fire & EMA

### James Carver

Talbot County EMS

## Taylor

### Abb Preston

Taylor County EMS

### John R. Cooper

Taylor County EMS

## Webster

### Darell Holbrook

Webster County Fire & EMS

### Donald Campbell

Webster County EMS

## At Large

### Alia Mezayek

EMS Care Ambulance

### Joe Robinson

Community Ambulance

### Norma Kernels

St. Francis-Emory Healthcare

### Alexis Dudley

Piedmont Columbus Reg. Hospital

### Tonia Russell

Piedmont Columbus Reg. Hospital

### Jack Rodgers

Piedmont Columbus Reg. Hospital

### Phillip Eldridge

Piedmont Columbus Reg. Hospital

### Charmaine Bjornson

Piedmont Columbus Reg. Hospital

### Paula Carter

Columbus Technical College

# REGION 8

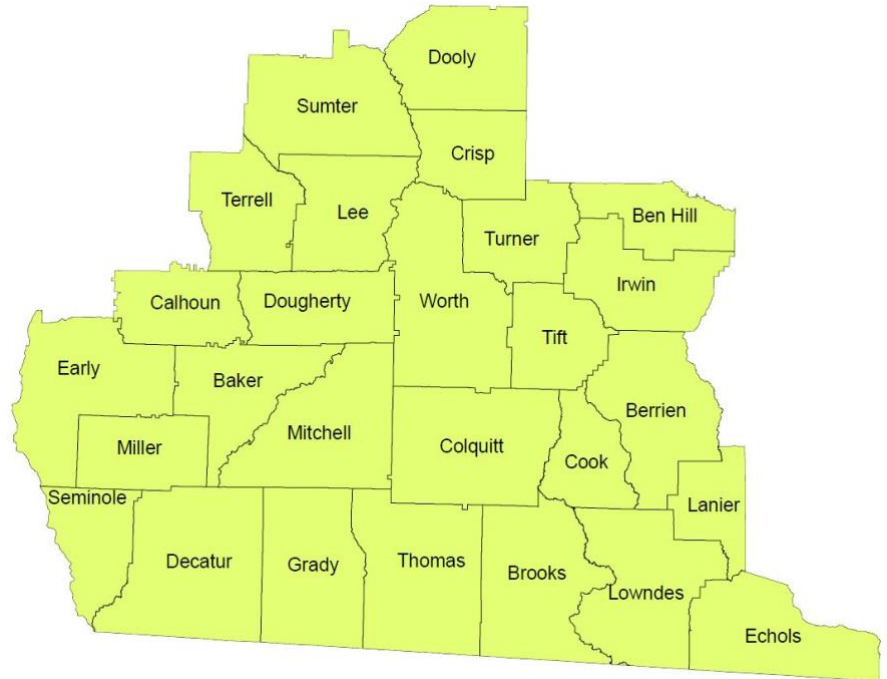
2024

Total Area:  
10,670 square miles

Total Population:  
673,883

Population by County:

Baker	2,732
Ben Hill	16,945
Berrien	18,666
Brooks	16,344
Calhoun	5,441
Colquitt	46,977
Cook	17,984
Crisp	19,468
Decatur	29,391
Dooly	11,186
Dougherty	82,418
Early	10,444
Echols	3,698
Grady	26,271
Irwin	9,155
Lanier	10,464
Lee	34,073
Lowndes	122,082
Miller	5,824
Mitchell	20,329
Seminole	9,274
Sumter	28,972
Terrell	8,698
Thomas	46,054
Tift	41,708
Turner	9,023
Worth	20,262



Region 8 is in the southwestern corner of the state and is comprised of twenty-seven (27) counties. Bordered by Florida to the south and Alabama to the west. Its eastern border consists of those counties just east of Interstate 75, with the northern border of Dooly County. Region 8 is mostly rural with agriculture being the largest industry.

Region 8 has forty-three (43) individual EMS agencies that provide transport and non-transport services. In addition, there are three (3) air ambulance bases, and four (4) MIH/Community Paramedicine Programs in the region. There are nineteen (19) acute care hospitals with the following specialty designations: four (4) Trauma Centers, six (6) Cardiac Centers, and six (6) Stroke Centers.

Notable events in Region 8 during 2024 include:

- Hurricane Helene
- Sunbelt Agricultural Exposition
- Presidential Funeral for Jimmy Carter

# REGION 8

	2024
<b>Total EMS Agencies *</b>	43
Medical First Responder (MFR)	13
Ground Ambulances	32
Neonatal	1
Air Ambulance	2
<b>Total EMS Vehicles</b>	263
MFR (non-transport vehicles)	75
Ground Ambulances	155
Neonatal	3
Air Ambulance	30

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	2024
<b>Total EMS Providers- Active</b>	1,472
EMT-R	54
EMT	432
EMT-I	139
AEMT	227
Cardiac Tech	3
Paramedic	617
<b>Total EMS Providers - Lapsed</b>	53
EMT-R	7
EMT	17
EMT-I	2
AEMT	13
Cardiac Tech	0
Paramedic	14

# REGION 8

	2024
<b>Total Responses *</b>	177,951
Medical First Responder (MFR)	6,923
Ground Ambulance	169,729
Air Ambulance	1,299
<b>Total 911 Responses</b>	142,136
Medical First Responder (MFR)	5,598
Ground Ambulance	136,147
Air Ambulance	391
<b>Total 911 Transports</b>	89,494
Ground Ambulance	89,133
Air Ambulance	361
<b>Total Interfacility/Medical Transports **</b>	10,277
<b>Hospital to Hospital Transfer</b>	9,395
Ground Ambulance	8,565
Air Ambulance	830
<b>Hospital to Non-Hospital Transfer</b>	882
Ground Ambulance	880
Air Ambulance	2

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	16.3
Medical First Responder (MFR)	8.7
Ground Ambulance	16.6
Air Ambulance	34.5

# REGION 8

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	141,288
Intercept	353
Mutual Aid	330
Interfacility Transport	19,870
Medical Transport	13,718
Public Assistance	165
Standby	301
Other Not Listed	1,926

	2024
<b>Primary Clinical Area</b>	
Medical	120,461
Psych	12,146
Trauma (major and minor)	10,482
Cardiac (includes all etiologies)	10,243
Stroke (includes all etiologies)	1,808
Alcohol/Drugs Exposure	1,306
Poisoning by Drug/Toxin	324
No Patient Complaint	20,499

# REGION 8 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	81
EMS Instructor	35
Instructor/Coordinator EMT	6
Instructor/Coordinator AEMT	13
Instructor/Coordinator Paramedic	19
Instructor with PMDC Endorsement	8
<b>Total EMS Education Programs</b>	18
<b>Total EMS Education Courses</b>	50
EMR	11
EMT	24
AEMT	11
Paramedic	4
<b>Total EMS Education Enrollment</b>	333
EMR	62
EMT	164
AEMT	81
Paramedic	26
<b>Total EMS Education Attrition</b>	110
EMR	13
EMT	64
AEMT	20
Paramedic	13

Members as of 7/1/2024

# REGION 8 COUNCIL

## Baker

**Johnny Duckworth**  
Baker County Board of  
Commissioners

## Ben Hill

**Mark Shealy**  
Turner County EMS

## Brooks

**Ricky Weeks**  
Brooks County Board of  
Commissioners

## Calhoun

**Jamie Sauls**  
Calhoun County EMS

## Colquitt

**Amy Williams**  
Colquitt County EMS

## Cook

**Joe Cowart**  
South GA Ambulance, Grady  
EMS

## Crisp

**David Edwards**  
Crisp County EMS

## Decatur

**Randy Williams**  
Decatur County Board of  
Commissioners

## Dooly

**Don Williford**  
Dooly County EMS

## Dougherty

**Sam Allen**  
Dougherty County EMS

## Early

**Kevin Krivan**  
Early Medical Center

## Echols County

**Jeffery Bennett**  
Echols County Fire Department

## Grady

**Rodney Gordon**  
Grady County EMS

## Irwin

**Joe Thompson**  
Irwin County Bd of  
Commissioners

## Lanier County

**Jack Paulson**  
South Georgia Medical Center-  
Lanier

## Lee

**Coleman Williams**  
Lee County Fire EMS

## Lowndes

**Emily Brown**  
South Georgia Medical Center

## Miller

**Doug Cofty**  
Colquitt-Miller County EMS

## Mitchell

**Ann Rice**  
Retired

## Seminole

**Paula Granger**  
Seminole County Board of  
Commissioners

## Sumter

**Nigel Poole**  
Sumter County EMA

## Terrell

**James 'Bo' Hamby**  
Terrell County EMS

## Tift

**Gerald Sumner**  
Tift County Fire EMS

## Thomas

**Derrick Ogletree**  
Thomas County EMS

## Turner

**Robby Royal, Vice-Chairman**  
Turner County EMS

## Worth

**Ray Salter**  
Worth County Fire/EMS

## At Large

**Kelly Vaughn**  
Archbold Memorial Hospital

## Christi Griner

Crisp Regional Medical Center

## Sanford Hawkins

Archbold Memorial  
Hospital/Thomas County EMS

## Tim Connell

Thomasville Fire Department

## Mindy Spencer

Phoebe Putney Memorial  
Hospital

## Greg Dampier

Air Evac EMS

## Brandon "Ace" Kent

Albany Technical College

## Richard Roberts

Dougherty County EMS

## Danny Edwards

Retired

## Tim Coram, Chairman

Thomas County EMS

## Allen Owens

Hope EMS

# REGION 9

2024

Total Area:  
12,533 square miles

Total Population:  
1,062,119

Population by County:

Appling	18,669
Atkinson	8,435
Bacon	11,045
Brantley	18,797
Bryan	51,105
Bulloch	85,454
Camden	59,099
Candler	11,130
Charlton	13,021
Chatham	307,336
Clinch	6,871
Coffee	43,851
Effingham	73,148
Evans	10,869
Glynn	86,540
Jeff Davis	15,119
Liberty	68,607
Long	20,439
McIntosh	11,800
Pierce	20,669
Tattnall	24,275
Toombs	27,488
Ware	36,222
Wayne	32,132



EMS Region 9 is in the southeastern part of Georgia and encompasses twenty-four (24) counties. Bordered by the Atlantic Ocean to the east, the region stretches westward through the 660 square miles of the Okefenokee Swamp and extends to the hills of Coffee County in the west and north to Bulloch County.

Region has forty-four (44) individual agencies that provide transport and non-transport services. In addition, there are seven (7) air ambulance bases and two (2) Mobile Integrated Healthcare (MIH) / Community Paramedicine programs located in the region. There are eighteen (18) acute care hospitals with the following specialty designations; three (3) Trauma Centers, six (6) Cardiac Centers, and ten (10) Stroke Centers.

Notable event in Region 9 during 2024:

- Sapelo Island Dock Collapse

# REGION 9

	<b>2024</b>
<b>Total EMS Agencies *</b>	44
Medical First Responder (MFR)	9
Ground Ambulances	36
Neonatal	1
Air Ambulance	0
<b>Total EMS Vehicles</b>	281
MFR (non-transport vehicles)	43
Ground Ambulances	238
Neonatal	0
Air Ambulance	0

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	<b>2024</b>
<b>Total EMS Providers- Active</b>	2,193
EMT-R	65
EMT	875
EMT-I	198
AEMT	245
Cardiac Tech	8
Paramedic	802
<b>Total EMS Providers - Lapsed</b>	146
EMT-R	16
EMT	85
EMT-I	3
AEMT	11
Cardiac Tech	0
Paramedic	31

# REGION 9

	2024
<b>Total Responses *</b>	212,522
Medical First Responder (MFR)	9,305
Ground Ambulance	200,521
Air Ambulance	2,696
<b>Total 911 Responses</b>	161,407
Medical First Responder (MFR)	8,276
Ground Ambulance	152,418
Air Ambulance	713
<b>Total 911 Transports</b>	102,371
Ground Ambulance	101,705
Air Ambulance	666
<b>Total Interfacility/Medical Transports **</b>	16,713
<b>Hospital to Hospital Transfer</b>	14,593
Ground Ambulance	12,734
Air Ambulance	1,859
<b>Hospital to Non-Hospital Transfer</b>	2,120
Ground Ambulance	2,118
Air Ambulance	2

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	16.1
Medical First Responder (MFR)	8.0
Ground Ambulance	16.5
Air Ambulance	35.3

# REGION 9

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	156,749
Intercept	606
Mutual Aid	242
Interfacility Transport	32,274
Medical Transport	16,921
Public Assistance	3,810
Standby	1,234
Other Not Listed	686

	2024
<b>Primary Clinical Area</b>	
Medical	133,562
Psych	18,689
Trauma (major and minor)	21,076
Cardiac (includes all etiologies)	13,050
Stroke (includes all etiologies)	2,361
Alcohol/Drugs Exposure	2,841
Poisoning by Drug/Toxin	392
No Patient Complaint	20,546

# REGION 9 EMS EDUCATION

	2024
<b>Total Number of Instructors</b>	105
EMS Instructor	52
Instructor/Coordinator EMT	6
Instructor/Coordinator AEMT	17
Instructor/Coordinator Paramedic	24
Instructor with PMDC Endorsement	6
<b>Total EMS Education Programs</b>	21
<b>Total EMS Education Courses</b>	58
EMR	5
EMT	27
AEMT	14
Paramedic	12
<b>Total EMS Education Enrollment</b>	550
EMR	40
EMT	283
AEMT	101
Paramedic	126
<b>Total EMS Education Attrition</b>	161
EMR	21
EMT	86
AEMT	26
Paramedic	28

# REGION 9 COUNCIL

<p><b>Appling</b> <b>Kelsey Powell</b> Appling County EMS</p> <p><b>Atkinson</b> <b>Mitchell Davis</b> Atkinson County EMS</p> <p><b>Bacon</b> <b>Brent M White</b> Alma-Bacon County Ambulance Service</p> <p><b>Brantley</b> <b>Charles Wilson</b> Brantley County EMS</p> <p><b>Bryan</b> <b>Anthony Van Es</b> Bryan County Fire ES</p> <p><b>Bulloch</b> <b>Brian J Hendrix</b> Bulloch County EMS</p> <p><b>Ryan Jones</b> Bulloch County EMS</p> <p><b>Camden</b> <b>Stuart Sullivan</b> Camden County Fire/Rescue</p> <p><b>Lisa Boyett</b> Camden County Fire/Rescue</p> <p><b>Candler</b> <b>Xavier Winkler</b> Candler County EMS</p> <p><b>Charlton</b> <b>Bruce Young</b> Charlton County EMS</p>	<p><b>Chatham</b> <b>Cowart, Bengie G</b> Chatham ES</p> <p><b>B Jeanine Newton-Riner</b> Amerimed EMS</p> <p><b>Clinch</b> <b>Mitchell L Lane</b> Gold Star EMS</p> <p><b>Coffee</b> <b>Morris A Smith</b> Coffee Regional EMS</p> <p><b>Jason Hurst</b> Coffee Regional EMS</p> <p><b>Effingham</b> <b>Wanda E Mcduffie</b> Effingham County EMS</p> <p><b>Roxanne Riggsby</b> Effingham County EMS</p> <p><b>Evans</b> <b>Mark Bird</b> Evans County EMS</p> <p><b>Glynn</b> <b>Travis E Johnson</b> Glynn County Fire / Rescue</p> <p><b>Jerry D Gailey III</b> Jekyll Island FD &amp; EMS</p> <p><b>Jeff Davis</b> <b>Edwin Williams</b> Jeff Davis County EMS</p>	<p><b>Liberty</b> <b>Crystal Hensler</b> Liberty County EMS</p> <p><b>Gene Long</b> Liberty County EMS</p> <p><b>Long</b> <b>Mark Sager</b> Excelsior EMS</p> <p><b>McIntosh</b> <b>Frankie Wallace</b> McIntosh County EMA</p> <p><b>Pierce</b> <b>Stephen (Blake) James</b> Pierce County Fire</p> <p><b>Tattnall</b> <b>Dustin Dasher</b> Tattnall County EMS</p> <p><b>Toombs</b> <b>Drew A James</b> Toombs-Montgomery EMS</p> <p><b>Ware</b> <b>Dr. William W Parham, Vice-Chairman</b> Ware County EMS</p> <p><b>Perry Blackburn</b> Ware County EMS</p> <p><b>Wayne</b> <b>Donald Wilson</b> Wayne County EMS</p>	<p><b>At Large</b> <b>Drawdy, Victor</b> Air Evac EMS</p> <p><b>Keith Charles Dawson</b> Memorial Health University Medical Center's Trauma Services</p> <p><b>Laura Ginn</b> Southeast Health District Office</p> <p><b>Brian Realiza</b> East Georgia Regional Medical Center</p> <p><b>Susan P Malone</b> Department of Public Health</p> <p><b>James Waters, Chairman</b> Air Evac EMS</p> <p><b>Hali Varnedore</b> Coffee Regional Medical Center-Obstetrics</p> <p><b>Melanie Nutting</b> St. Joseph's Candler Hospital</p> <p><b>Chris Page</b> Ogeechee Technical College</p> <p><b>Jason Springer</b> Memorial Satilla Health/ Brantley County EMS</p>
--	---	---	---

# REGION 10

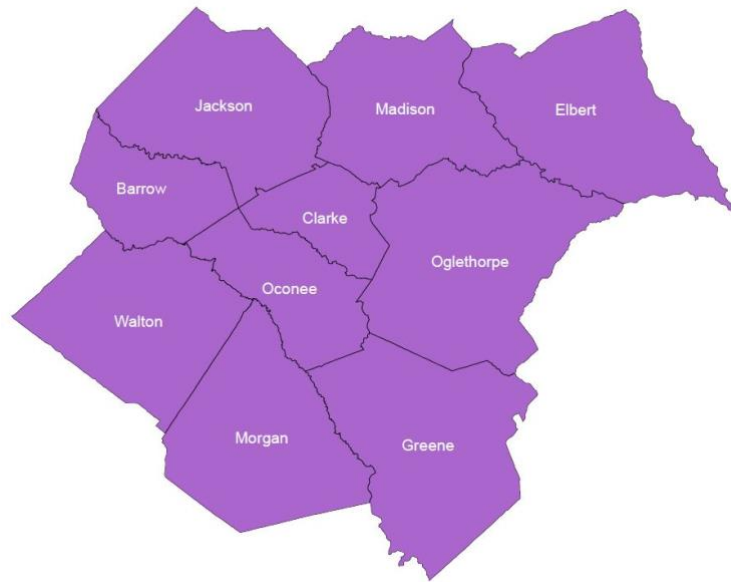
2024

Total Area:  
3,006 square miles

Total Population:  
586,783

Population by County:

Barrow	96,294
Clarke	129,995
Elbert	20,152
Greene	21,091
Jackson	93,825
Madison	32,771
Morgan	21,940
Oconee	44,751
Oglethorpe	16,172
Walton	109,792



Region 10 is in the northeastern section of Georgia. It is composed of ten (10) counties stretching from Walton County near Atlanta in the west to Jackson County in the north, Greene County in the south, to the hills of Elbert County in the east, which borders South Carolina.

Region 10 has thirty-one (31) individual EMS agencies that provide transport and non-transport services. In addition, the region has one (1) EMS Telehealth program. The region has seven (7) acute care hospitals, with the following specialty designations: three (3) Trauma Centers, two (2) Cardiac Center, and seven (7) Stroke Centers.

Notable events in Region 10 during 2024 include:

- Piedmont Athens Regional obtained Level 1 Emergency Cardiac Care Center designation
- Barrow County experienced the Apalachee High School Shooting

# REGION 10

	2024
<b>Total EMS Agencies *</b>	31
Medical First Responder (MFR)	10
Ground Ambulances	23
Neonatal	0
Air Ambulance	1
<b>Total EMS Vehicles</b>	254
MFR (non-transport vehicles)	73
Ground Ambulances	176
Neonatal	1
Air Ambulance	4

\* The total number of EMS Agency licenses represents the number of unique EMS Agencies. Some agencies have multiple license types.

	2024
<b>Total EMS Providers- Active</b>	2,127
EMT-R	27
EMT	474
EMT-I	401
AEMT	489
Cardiac Tech	0
Paramedic	736
<b>Total EMS Providers - Lapsed</b>	72
EMT-R	3
EMT	31
EMT-I	8
AEMT	11
Cardiac Tech	0
Paramedic	19

# REGION 10

	2024
<b>Total Responses *</b>	161,330
Medical First Responder (MFR)	19,484
Ground Ambulance	141,380
Air Ambulance	466
<b>Total 911 Responses</b>	102,080
Medical First Responder (MFR)	19,291
Ground Ambulance	82,612
Air Ambulance	177
<b>Total 911 Transports</b>	56,251
Ground Ambulance	56,086
Air Ambulance	165
<b>Total Interfacility/Medical Transports **</b>	5,548
<b>Hospital to Hospital Transfer</b>	5,410
Ground Ambulance	5,143
Air Ambulance	267
<b>Hospital to Non-Hospital Transfer</b>	138
Ground Ambulance	138
Air Ambulance	0

\* Total Responses may reflect multiple EMS vehicles responding to the same event.

\*\* Interfacility/Medical Transports only include patients transported from an acute care hospital.

	2024
<b>Average 911 Response Time (In Minutes)</b>	17.4
Medical First Responder (MFR)	10.4
Ground Ambulance	18.8
Air Ambulance	36

# REGION 10

	2024
<b>Type of Service Requested</b>	
911 Response (Scene)	100,882
Intercept	367
Mutual Aid	319
Interfacility Transport	8,463
Medical Transport	50,319
Public Assistance	512
Standby	168
Other Not Listed	300

	2024
<b>Primary Clinical Area</b>	
Medical	107,581
Psych	6,775
Trauma (major and minor)	10,050
Cardiac (includes all etiologies)	6,529
Stroke (includes all etiologies)	978
Alcohol/Drugs Exposure	2,177
Poisoning by Drug/Toxin	187
No Patient Complaint	27,045

# REGION 10 EMS EDUCATION

	<b>2024</b>
<b>Total Number of Instructors</b>	74
EMS Instructor	31
Instructor/Coordinator EMT	3
Instructor/Coordinator AEMT	20
Instructor/Coordinator Paramedic	18
Instructor with PMDC Endorsement	2
<b>Total EMS Education Programs</b>	9
<b>Total EMS Education Courses</b>	19
EMR	4
EMT	9
AEMT	5
Paramedic	1
<b>Total EMS Education Enrollment</b>	233
EMR	69
EMT	45
AEMT	112
Paramedic	7
<b>Total EMS Education Attrition</b>	39
EMR	16
EMT	12
AEMT	5
Paramedic	6

# REGION 10 COUNCIL

**Barrow**

**John Rivers**

Barrow County Emergency Services

**Kevin Locke**

Barrow County Emergency Services

**Clarke**

**Jeff Kelly**

Athens-Clarke County Fire

**William Wooden**

Athens - Clarke County Fire

**Elbert**

**Chuck Almond**

Elbert County Emergency Services

**Beth Seymour**

Elbert County Emergency Services

**Greene**

**Byron Lombard**

Greene County EMS

**John Clemmons**

Greene County Emergency Services

**Jackson**

**Jason Baker**

Jackson County EMS

**Doug Waters**

Retired

**Madison**

**Jennifer Carter**

Madison County EMS

**Bobby Smith**

Madison County EMS

**Morgan**

**Adam Bedgood**

Morgan Medical Center

**Huey Atkins, Vice-Chairman**

National EMS, Inc

**Oconee**

**Cliff Threadgill**

Oconee County Fire Rescue

**CJ Worden**

Oconee County EMA

**Oglethorpe**

**Jason Lewis, Chairman**

Oglethorpe County EMS

**Josh Robinson**

Oglethorpe County 911

**Walton**

**Ronnie Almand**

Walton County EMS

**Dr. Steven Durocher**

Walton County EMS, Piedmont Walton Hospital

**At Large**

**Kathi Davis**

Piedmont Athens Regional Medical Center

**Don Cargile**

Retired

**Alex Nichols**

University of Georgia - Emergency Operations Coordinator

**Don Pruitt**

Athens Technical College

**Joe Lockman**

St. Mary's Hospital Director of Public Safety

**Heather Morgan**

Piedmont Athens Regional

**Jaron Queen**

Air Life Georgia

**John Reeck**

St. Mary's Hospital

**Kristen Spires**

Adaptive Training Consultants

**Kimberly Tyler**

St. Mary's Good Samaritan Hospital

**Shelly Nicholes**

American Heart/Stroke Association

**Jeff Chambers, PA**

Urgent Care of Oconee

**Kellum, Chad**

Air Evac EMS

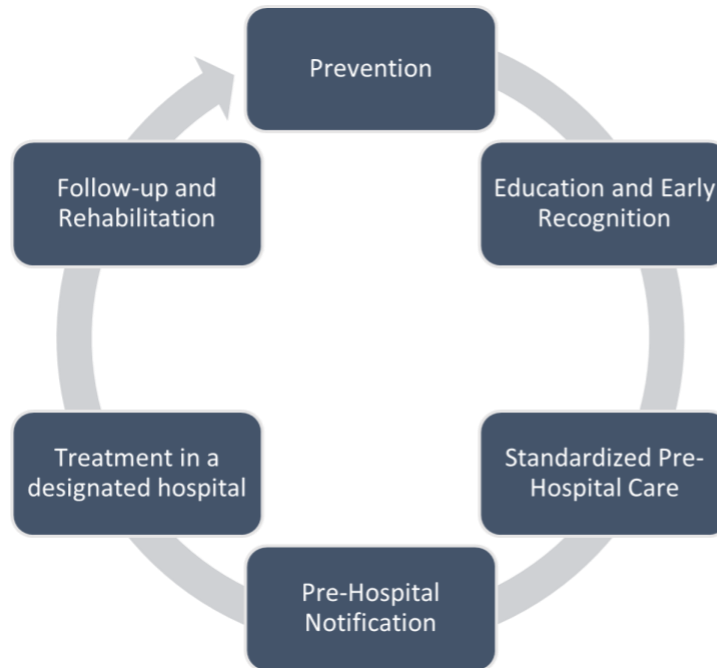
**Shane Smith**

DPS - Office of Public Safety Support

# SYSTEMS OF CARE

## SYSTEMS OF CARE (It takes a “System”)

- Cardiac, Trauma, Stroke, and Pediatric patients require timely EMS triage, informed diagnosis, and definitive treatment by a multidisciplinary team of healthcare providers, supported by appropriate resources, to reduce the risk of death or serious disability. Inclusive and collaborative systems of care save lives.
- Although Trauma, Stroke, STEMI and Pediatric emergencies differ in etiology, presentation, and treatment priorities, common themes in best practices exist that can be incorporated into EMS systems to improve outcomes for patients experiencing any of these time-sensitive emergencies.



# EMERGENCY CARDIAC CARE SYSTEM

The Mission of the Office of Cardiac Care is to improve survival rates in Georgia from out-of-hospital cardiac arrests (OHCA) and heart attacks (STEMI) through quality improvement, benchmarking and evidence-based guidelines, supported by standardized data collection and reporting system. Numerous studies have shown a mortality and morbidity advantage with primary PCI when this therapy can be delivered in a timely manner. The American College of Cardiology (ACC)/AHA guidelines and the European Society of Cardiology guidelines for STEMI are in agreement that early and complete reperfusion is optimal, with the door-to-balloon time of 90 minutes.

Designated Emergency Cardiac Care Centers in Georgia:

- Demonstrate commitment to a high standard of care.
- Submit heart attack (STEMI) and out-of-hospital cardiac arrest data to the Georgia Cardiac Registry (GCaR) data reporting system to help measure performance and improve outcomes.
- Collaboratively coordinate care among 911 dispatch, EMS, interfacility transport, and the destination hospitals

Note:

The data presented in this report is ONLY from designated Emergency Cardiac Care Centers in the year 2024.

Requirement	Level I	Level II	Level III
Cardio-Thoracic Surgery (CTS) on-site and available 24/7/365	✓		
Percutaneous Left Ventricular Assist Device (pLVAD) and Automatic Implantable Cardioverter-Defibrillator (AICD)	✓		
Percutaneous Coronary Intervention/angioplasty available 24/7/365	✓	✓	
Neurologic protocols to measure functional status at discharge	✓	✓	
Protocols for Targeted Temperature Management (TTM) for Out-of-Hospital Cardiac Arrest (OHCA)	✓	✓	✓
Written transfer plans with one or more higher level facilities		✓	✓



# EMERGENCY CARDIAC CARE SYSTEM

## Designated Emergency Cardiac Care Centers

### LEVEL I

AdventHealth Redmond  
Atrium Health Navicent Macon  
Emory Saint Joseph's Hospital  
Emory University Hospital  
Emory University Hospital Midtown  
Grady Memorial Hospital  
Memorial Health University Med Center  
NGHS - Gainesville  
Northside Hospital Gwinnett  
Phoebe Putney Memorial  
Piedmont Athens  
Piedmont Augusta  
Piedmont Macon  
SGMC Health  
St. Francis-Emory Healthcare  
St. Joseph's Hospital  
Tanner Medical Center - Carrollton  
WellStar Kennestone Hospital  
Wellstar MCG Health

### LEVEL II

Atrium Health Floyd  
Coffee Regional Medical Center  
East GA Regional Medical Center  
Emory Johns Creek  
Houston Healthcare - Warner Robins  
John D. Archbold Memorial Hospital  
NGHS - Braselton  
Northside Atlanta  
Northside Cherokee  
Northside Forsyth  
Southeast Georgia Health System  
Tanner Medical Center - Villa Rica  
Tift Regional Medical Center  
Upson Regional Medical Center  
WellStar Cobb Hospital  
WellStar Douglas Hospital  
WellStar North Fulton Hospital  
WellStar Paulding Hospital  
WellStar West GA Medical Center

### LEVEL III

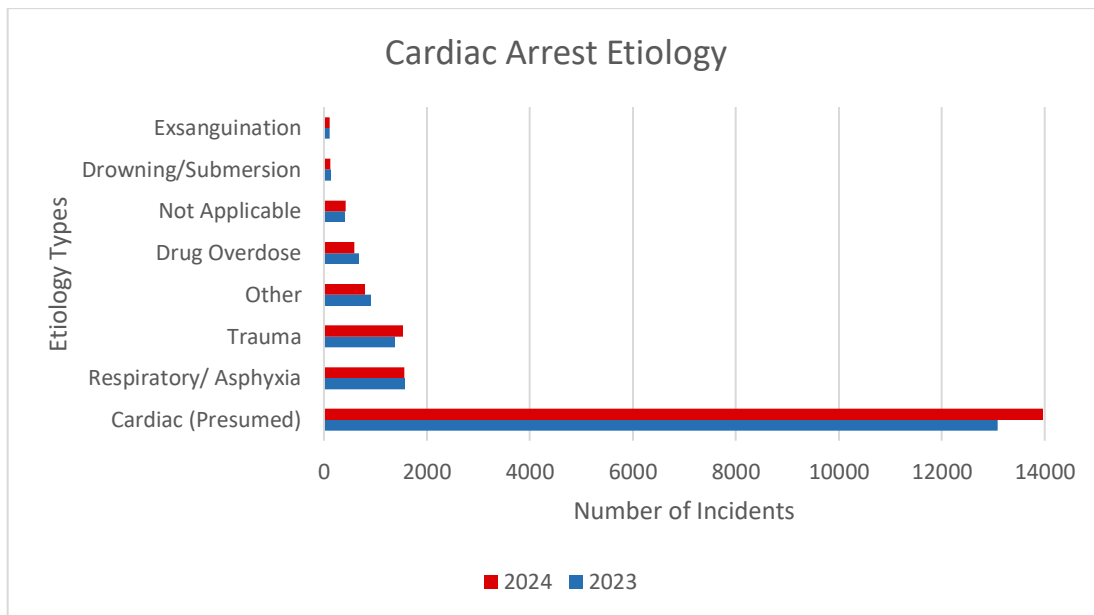
Atrium Health Navicent Baldwin  
Crisp Regional Hospital  
Effingham Health System  
Houston Healthcare - Perry  
NGHS – Barrow  
NGHS - Habersham  
NGHS – Lumpkin  
Northside Hospital Duluth  
Phoebe Worth Medical Center  
Union General Hospital

# EMERGENCY CARDIAC CARE SYSTEM- OHCA ETIOLOGY

Indication of the etiology or cause of out of hospital cardiac arrest determined by EMS clinicians for 2023 and 2024. (cardiac, non-cardiac, etc.)

<b>Etiology</b>	<b>2023</b>	<b>2024</b>
Cardiac (Presumed)	13,084	13,960
Respiratory/ Asphyxia	1,574	1,560
Trauma	1,375	1,531
Other	911	800
Drug Overdose	687	594
Not Applicable	405	428
Drowning/Submersion	139	130
Exsanguination	108	114

\*Not Applicable includes Not applicable, not recorded, and blank. Other includes electrocution, environmental exposure, other, SIDS (suspected), and unknown



# EMERGENCY CARDIAC CARE SYSTEM- OHCA RESUSCITATION ATTEMPTS

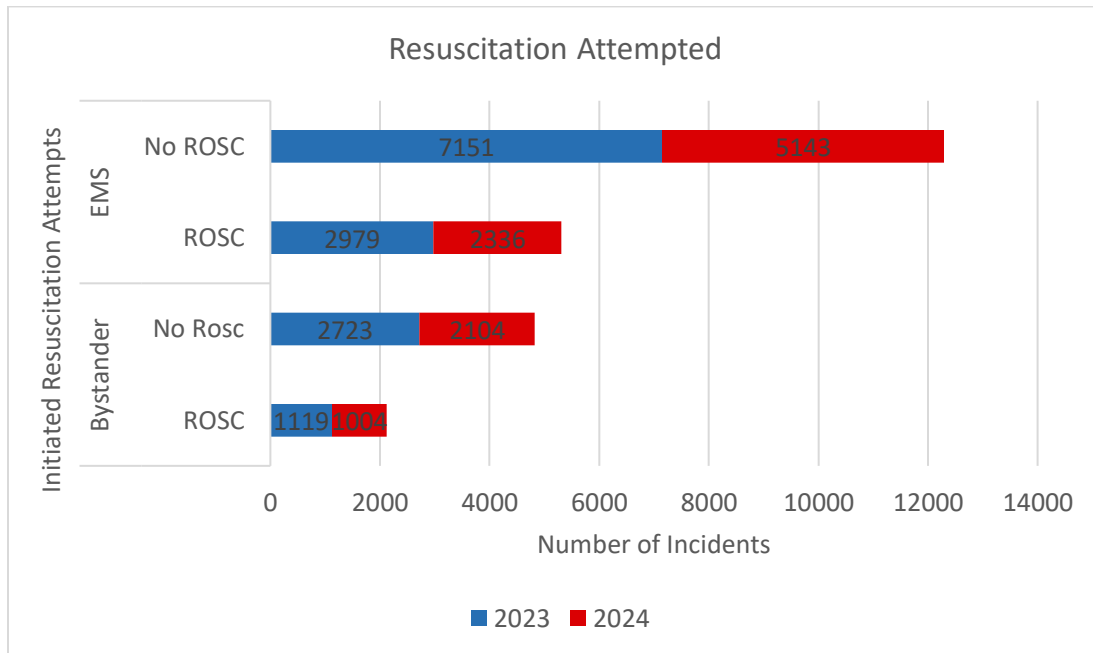
Resuscitation Attempted			
		2023	2024
Bystander	ROSC	1,119	1,004
	No ROSC	2,723	2,104
EMS	ROSC	2,979	2,336
	No ROSC	7,151	5,143

\*Excludes Not Applicable/ Not Recorded, Blanks (eArrest.12)

\*EMS includes: First Responder (Non EMS Fire), First Responder, Responding EMS Personnel

\*Patient is not counted twice for Fire and EMS

\*Excludes Not Applicable/Not Recorded, Not Attempted - Scene Not Safe, Not Attempted-Considered Futile, Not Attempted-DNR Orders, Not Attempted-Signs of Circulation, Blanks (eArrest.03)



# EMERGENCY CARDIAC CARE SYSTEM- OHCA DISPOSITIONS

Disposition Type 2023		Expired in Field
<b>Patient Dead at Scene</b>	5,871	5,420
<b>With Transport</b>	652	167
<b>W/O Transport</b>	5,619	5,172
<b>Patient Treated &amp; Transported</b>	11,079	682

Disposition Type 2024		Expired in Field
<b>Patient Dead at Scene</b>	4,492	2,665
<b>With Transport</b>	1,940	238
<b>W/O Transport</b>	2,552	2,417
<b>Patient Treated &amp; Transported</b>	9,924	106

\*Excludes No Patient Contact, No patient found, Non-patient incident (not otherwise listed), cancelled on scene, cancelled prior to arrival at scene (**Unit Disposition (3.4=itDisposition.099/3.5=eDisposition.27)**), patient evaluated and refused care, patient evaluated, no care required, patient refused evaluation/care (**Patient Evaluation/Care (3.4=itDisposition.100/3.5=eDisposition.28)**), back in service, no care/support services required, back in service, care/support services refused (**Crew Disposition (3.4=itDisposition.101/3.5=eDisposition.29)**)

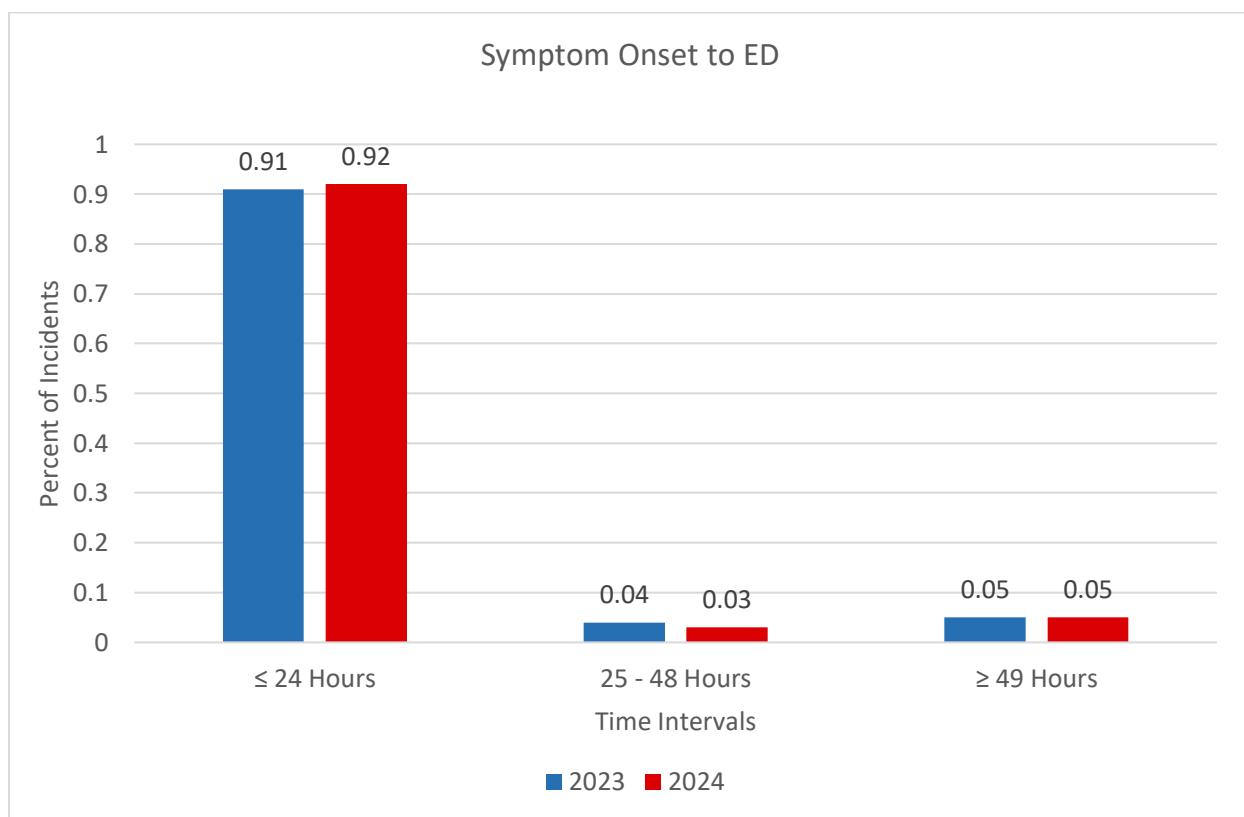
# EMERGENCY CARDIAC CARE SYSTEM- STEMI'S

	2023	2024
<b># of STEMI</b>	2,398	2,257
<b>% Pre-Hospital EKG</b>	1,652 (69%)	1,670 (74%)
<b>Average Scene Time</b>	10.9	11

\*Excludes Self/Family that doesn't have "EMS Arrived On Scene Date/Time (Tr9.2/Tr9.2.1)

\*Average Scene time, removed unknown Tr9.1/TR9.10 & TR9.2/TR9.2.1

\*Average scene time, minutes



# TRAUMA SYSTEM

## TRAUMA

The Georgia Trauma System is a pre-planned, comprehensive, and coordinated statewide and local injury response network that includes facilities with the capability to care for the injured patient. It is the system's inclusiveness, or range of pre-planned trauma center and non-trauma center resource allocation, that offers the public an effective plan for injury treatment. Trauma care delivery is organized through the entire spectrum of care delivery, from injury prevention to prehospital, hospital, and rehabilitative care delivery for injured persons.

## LEVELS OF DESIGNATION:

- **Level I Trauma Center**- The Level I facility is a regional resource trauma center that is a tertiary care facility central to the trauma care system. This facility must have the capability of providing leadership and total care for every aspect of injury, from prevention through rehabilitation. Level I trauma centers have a major responsibility for providing leadership in education, research, and system planning.
- **Level II Trauma Center**- The Level II trauma center is a hospital that also is expected to provide initial definitive trauma care, regardless of the severity of injury. The Level II trauma center can be an academic institution, or a public or private community facility located in an urban, suburban, or rural area. Where a Level I center does not exist, the Level II center should take on the responsibility for education and system leadership.
- **Level III Trauma Center**- Level III trauma centers can provide prompt assessment, resuscitation, emergency operations, stabilization and arrange for transfer to a facility that can provide definitive trauma care when needed. Well trained emergency department physicians and general surgeons are required in a Level III facility. Planning for care of injured patients in these hospitals requires transfer agreements and standardized treatment protocols.
- **Level IV Trauma Center** - Level IV facilities provide initial evaluation and assessment of injured patients, but most patients will require transfer to higher-level trauma centers. A Level IV facility must have 24-hour emergency coverage by a physician or mid-level provider. Specialty coverage may or may not be available, but a well-organized resuscitation team is important. Well-defined transfer plans are essential.



# TRAUMA SYSTEM

## 2024 Designated Trauma Centers

### Level I Trauma Centers

Atrium Health Navicent  
Grady Memorial Hospital  
Memorial Health Univ. Medical Center  
Northeast GA Medical Center  
WellStar Kennestone Hospital  
WellStar MCG Health (AUMC)

### Level III Trauma Centers

Advent Health Redmond  
Crisp Regional  
Fairview Park Hospital  
Hamilton Medical Center  
John D. Archbold Memorial Hospital  
Piedmont Cartersville  
Piedmont Henry Hospital  
Piedmont Walton Hospital  
South Georgia Medical Center  
WellStar Cobb Hospital

### Level II Trauma Centers

Atrium Health Floyd  
Doctors Hospital of Augusta  
Northside Gwinnett Medical Center  
Piedmont Athens Regional  
Piedmont Columbus Regional - Midtown  
Phoebe Putney Memorial Hospital  
WellStar North Fulton Hospital

### Level IV Trauma Centers

Atrium Health Floyd Polk  
Effingham Health System  
Emanuel Medical Center  
Memorial Health Meadows  
Morgan Medical Center  
WellStar Paulding  
WellStar Spalding Regional  
WellStar West GA

### Pediatric Trauma Centers

CHOA @ Egleston Level I  
CHOA @ Scottish Rite Level II  
Children's Hospital of Georgia - Augusta University Level II

### Burn Centers

Joseph M. Still Burn Center  
Grady Burn Center

# TRAUMA SYSTEM

Please note that due to annual updates to the National Trauma Data Standard (NTDS) and International Trauma Data Exchange (ITDX) data dictionaries, there may be changes in data elements, definitions, and reporting standards year-over-year. Comparisons of 2023 trauma data are included in this report.

## Year 2024 Incidents by Mechanism of Injury

Data Source:

Trauma Registry 2024 data was downloaded from the ImageTrend Patient Registry for the year 2024 based on data downloaded on Apr 8, 2025; the following Analysis was based on data from the designated Trauma Hospitals (state inclusion='TRUE'). 771 records were missing from the incidents of mechanism of injury due to incomplete information

Mechanism				
Frequency	Y2023 Total	Y2023 Percent	Y2024 Total	Y2024 Percent
Fall	21,225	50.7	23,881	53.0
Motor vehicle traffic	10,678	25.5	10,874	24.1
Firearm	2,863	6.8	2,609	5.8
Struck by, against	2,274	5.4	2,541	5.6
Cut/pierce	1,640	3.9	1,643	3.6
Transport, other	1,058	2.5	1,178	2.6
Other specified and classifiable	448	1.1	468	1.0
Natural/environmental, Bites and stings	385	0.9	416	0.9
Pedal cyclist, other	379	0.9	418	0.9
Pedestrian, other	278	0.7	292	0.6
Machinery	206	0.5	200	0.4
Natural/environmental, Other	116	0.3	164	0.4
Overexertion	110	0.3	166	0.4
Other specified, not elsewhere classifiable	75	0.2	84	0.2
Unspecified	57	0.1	65	0.1
Hot object/substance	19	0.0	15	0.0
Fire/flame	14	0.0	12	0.0
Suffocation	11	0.0	11	0.0
Poisoning	5	0.0	9	0.0
Drowning/submersion	4	0.0	3	0.0
Total	41,845	100.0	45,049	100.0

\*Note: There are 45,820 cases reported in the year 2024. Among these 45,820 cases, 34,857 cases have valid values in the four fields: EMS Scene Arrival Date, EMS Scene Arrival Time, EMS Scene Departure Date, and EMS Scene Departure Time. Thus, the median time On-Scene is calculated based on the 34,857 cases. \*

# TRAUMA SYSTEM

Frequency by Transport Mode				
Transport Mode	Year 2023 Frequency	Year 2023 Percent	Year 2024 Frequency	Year 2024 Percent
Ground Ambulance	33,255	77.9	35,813	78.2
Private/Public Vehicle/Walk-In	6,448	15.1	6,977	15.2
Helicopter Ambulance	2,794	6.5	2,803	6.1
Police	119	0.3	147	0.3
Not Known/Not Recorded	48	0.1	64	0.1
Commercial Flight	15	0.0	1	0.0
Fixed-wing Ambulance	9	0.0	15	0.0
Total	42,688	100.0	45,820	100.0

Median Time on-Scene by Destination Hospital Level				
Level	Year 2023 Frequency	Year 2023 Time on-Scene	Year 2024 Frequency	Year 2024 Time on-Scene
I	17,237	0:20:00	21,536	0:21:00
II	9,528	0:19:00	8,482	0:18:00
III	3,793	0:19:00	3,913	0:19:00
IV	902	0:20:00	926	0:19:00
Total	31,460	0:20:00	34,857	0:20:00

Median Time on-Scene by Injury Severity Score				
Injury Severity Score	Year 2023 Frequency	Year 2023 Time on-Scene	Year 2024 Frequency	Year 2024 Time on-Scene
1-8 (Minor)	11,779	0:20:00	13,625	0:20:00
9-15 (Moderate)	13,661	0:20:00	14,942	0:20:00
16-24 (Severe)	3,573	0:19:00	3,700	0:19:00
>24 (Very Severe)	2,416	0:17:00	2,554	0:18:00
Total	31,429	0:20:00	34,821	0:20:00

Median Time on-Scene by Highest Activation Level				
Highest Activation Level	Year 2023 Frequency	Year 2023 Time on-Scene	Year 2024 Frequency	Year 2024 Time on-Scene
No	25,487	0:20:00	28,498	0:21:00
Yes	5,973	0:17:00	6,359	0:17:00
Total	31,460	0:20:00	34,857	0:20:00

# GEORGIA COVERDELL ACUTE STROKE REGISTRY

The Georgia Coverdell Acute Stroke Registry (GCASR) program addresses quality improvement in multiple areas of stroke care, from rapid screening, diagnosis, and intervention for patients experiencing an acute stroke, to secondary prevention measures such as blood pressure control, smoking cessation, and treatment of elevated cholesterol to reduce the incidence of recurrent stroke after hospital discharge. In addition, the program will also help improve the use of rehabilitation services for those who have experienced an acute stroke, to reduce long-term disability due to stroke.

GCASR is a partnership between the Georgia Department of Public Health (DPH) Epidemiology, DPH Office of EMS, Emory University, American Heart Association, Alliant Health Solutions, Georgia Hospital Association, CDC/PCNASP, and the participating hospitals, rehabilitation centers, and Emergency Medical Services (EMS) agencies.

## **Disease Burden**

States in the southeastern U.S. have the highest incidence and mortality of stroke; as a result, this area of the U.S. is commonly referred to as the stroke belt. To reduce long-term disability, the GCASR and the State of Georgia Cardiovascular Health Initiative Program work to reduce heart disease-and stroke-related morbidity and mortality in Georgia. In 2023, 22,630 Georgians were hospitalized for acute stroke or transient ischemic attack in 117 Georgia hospitals.

Total stroke hospitalization charges were more than \$2.4 billion, with a median charge per patient of \$55,844.

Based on the Georgia Coverdell Acute Stroke Registry and Georgia death data, mortality from acute ischemic stroke and its complications in Georgia during 2023 was estimated to be:

- 6.6 percent at 30 days post-incident
- 16.3 percent at 1-year post-incident

# GEORGIA STROKE CENTERS

## **Comprehensive Stroke Centers**

Emory University Hospital  
Grady Memorial Hospital  
Memorial Health University Medical Center  
Northeast Georgia Medical Center - Gainesville  
Piedmont Atlanta Hospital  
Piedmont Augusta  
WellStar Kennestone Regional Medical Center  
WellStar North Fulton Hospital  
Wellstar MCG Health

## **Thrombectomy-Capable / Primary Plus Stroke Centers**

Piedmont Columbus Regional - Midtown  
St. Mary's Hospital

## **Primary Stroke Centers**

Advent Health Gordon  
Advent Health Redmond  
Atrium Health Floyd  
Atrium Health Navicent  
Candler Hospital - Savannah  
Doctors Hospital of Augusta  
East Georgia Regional Medical Center  
Emory Decatur Hospital  
Emory Johns Creek Hospital  
Emory Saint Joseph's Hospital  
Emory University Hospital Midtown  
Fairview Park Hospital-Dublin  
Hamilton Medical Center  
Houston Healthcare-Warner Robins  
Northside Hospital – Atlanta  
Northside Hospital - Cherokee  
Northside Hospital - Duluth  
Northside Hospital - Forsyth  
Northside Hospital - Gwinnett  
Northeast Georgia Medical Center - Braselton  
Northeast Georgia Medical Center - Barrow  
Northeast Georgia Medical Center - Habersham  
Phoebe Putney Memorial Hospital  
Piedmont Athens Regional  
Piedmont - Cartersville Medical Center  
Piedmont Eastside Medical Center  
Piedmont Fayette  
Piedmont Henry  
Piedmont Macon  
Piedmont Macon North

## **Primary Stroke Centers**

Piedmont Newnan  
SGMC Health  
Southeast Georgia Health System - Brunswick  
Southern Regional Medical Center  
St. Francis-Emory Healthcare  
St. Joseph's Hospital - Savannah  
Tanner Medical Center - Carrollton  
Tanner Medical Center - Villa Rica  
Upton Regional Medical Center  
WellStar Cobb Hospital  
WellStar Douglas Hospital  
WellStar Spalding Regional Hospital  
WellStar West Georgia Medical Center

## **Acute Stroke Ready/Remote Treatment Stroke Centers**

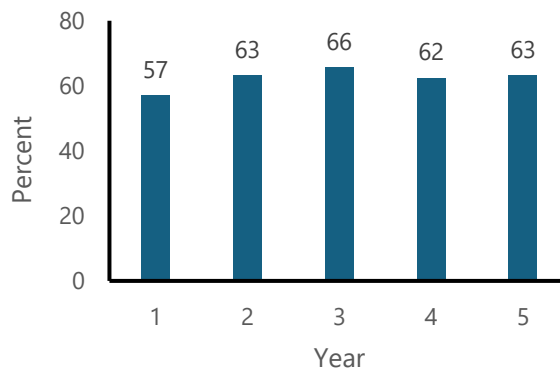
Advent Health Murray  
Atrium Health Floyd Polk  
Atrium Health Navicent Baldwin  
Appling Healthcare System  
Coffee Regional Medical Center  
Crisp Regional Hospital  
Colquitt Regional Medical Center  
Effingham Health System  
Higgins General Hospital  
Houston Healthcare-Perry  
Memorial Health Meadows Hospital  
Morgan Medical Center  
Northeast Georgia Medical Center - Lumpkin  
Phoebe Sumter Medical Center  
Phoebe Worth Medical Center  
Piedmont McDuffie  
Piedmont Mountainside Hospital – Jasper  
Piedmont Mountainside FSED  
Piedmont Newton  
Piedmont Rockdale  
Piedmont Walton  
Southeast Georgia Health System - Camden  
St. Mary's Good Samaritan Hospital  
St. Mary's Sacred Heart Hospital  
Stephens County Hospital  
Union General Hospital  
WellStar Paulding Hospital

# GEORGIA COVERDELL ACUTE STROKE REGISTRY

## STROKE REGISTRY & GEMIS DATA

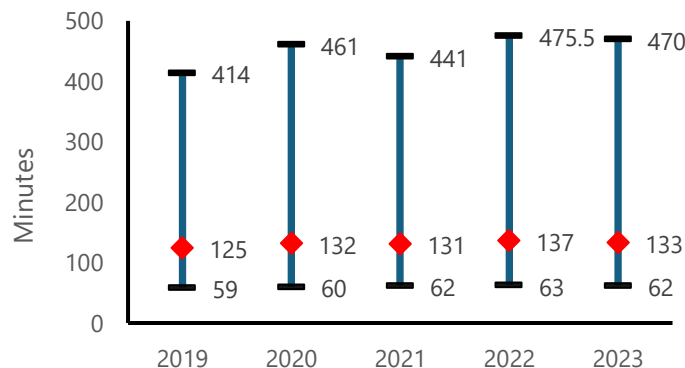
- Analysis included data from 124,096 stroke patients' admissions to GCASR-participating hospitals during 2019 to 2023 and 11,944 presumable stroke patients transported by 50 EMS agencies from the field in 2023.
- In Georgia during 2023, among patients transported by EMS with provider impression of stroke/cerebrovascular accident or transient ischemic attack:
  - 91 percent had their last known well-time documented.
  - 81 percent had a stroke screen completed and recorded.
  - 93 percent had their blood glucose checked and recorded.
  - Median on-the-scene time was 16 minutes, and 43 percent had an on-scene time of less than 15 minutes.
  - Median travel time from scene to hospital was 15 minutes.
  - Median time from 911 call to hospital arrival was 47 minutes.
- In 2023, among 26,542 acute stroke admissions in GCASR facilities:
  - Forty-eight percent of stroke admissions were for patients brought to the hospital by EMS from the field, 37 percent used private transportation, and 15 percent were transferred from one healthcare facility to another.
  - Hospitals received pre-notification from EMS for 63 percent of the stroke admissions brought by EMS.

Percentage of stroke patients transported by EMS with hospital pre-notification, GCASR, 2019-2023 (n=58,575)



Note: In 2008, 48.4 percent of stroke patients transported by EMS had hospital prenotification.

Median symptom onset to hospital arrival time among Acute Ischemic Stroke patients, GCASR, 2019-2023 (n=44,457)



Note: In 2008, the median symptom onset to hospital arrival time was 122 minutes.

# EMS FOR CHILDREN (EMSC)



**GEORGIA**  
EMSC State Partnership

## **What is EMSC?**

Emergency Medical Services for Children is a nationally funded program that aims to improve the care pediatric patients receive across the emergency care continuum. All US states and territories have an EMSC program funded by the Health Resources and Services Administration.

The Emergency Medical Services for Children program has been federally funded in Georgia since 1993 and works to reduce child and youth mortality and morbidity sustained due to severe illness or trauma.

- Pediatric Patients
  - 2023 Transports: 87,635
  - 2023 Emergency Department Visits: 832,118



# EMS FOR CHILDREN (EMSC)

## Safe Transport of Pediatric Patients

- In conjunction with Injury Prevention, a safe transport of pediatric patients training was created and placed on TRAIN Georgia.
- The Pediatric Safe Transport program was created with the goal of helping EMS agencies across the state safely transport pediatric patients. Pediatric stretcher affixed transport devices are being provided to Georgia EMS agencies at no cost to the agencies.
- Safe transport devices are now available for Ground Ambulance Agencies. To obtain these devices, agencies can complete and submit the following application: <https://forms.office.com/g/NhU8YLJWSq>
- **Pediatric Reference Material Available to EMS and Fire Agencies**
  - Breslow Tape
  - PediWheel
  - Pediatric Badge Buddies (set of 5)
    - 1. Vitals Signs
    - 2. Temperature Conversion Chart
    - 3. GCS
    - 4. Weight Conversion Chart
    - 5. Wong-Baker FACES™ Pain Rating Scale)
  - **Reference Material Requests:** <https://forms.office.com/g/6mAHGVhP6G>

## Pediatric Readiness Centers

The Pediatric Readiness Center (PRC) Program is a voluntary three-tiered designation program with a focus of improving pediatric care in emergency departments across the state of Georgia. The Pediatric Readiness Program will recognize facilities that are meeting best practice standards for their excellence in pediatric care.

- The PRC steering committee completed work on the programmatic criteria.
- Pilot facilities were selected, and the criteria and supporting documents were provided to the facilities for review.

# EMS FOR CHILDREN (EMSC)



The **Level I** Pediatric Readiness Center is the highest level of pediatric care available. This center is a comprehensive pediatric care center that houses a wide range of pediatric specialties and subspecialties. Level I serves as a regional referral center for Level II and II PRCs.



The **Level II** Pediatric Readiness Center is capable of initial evaluation and stabilization of critically ill children. This level can provide either ongoing inpatient care for the most common and some advanced medical emergencies or can provide appropriate, timely transfer of a child to a higher level of care.



The **Level III** center is capable of the initial evaluation and stabilization of the critically ill child and can provide appropriate, timely transfer of the child to a higher level of care if needed.

# EMS FOR CHILDREN (EMSC)

## Prehospital Pediatric Readiness Project

### What is prehospital Pediatric Readiness?

The National Prehospital Pediatric Readiness Project (PPRP) is the leading joint initiative to improve prehospital care for acutely ill and injured children across the United States. The PPRP is led by the federal Emergency Medical Services for Children Program with support from more than 30 national organizations, federal partners, and experts. PPRP empowers EMS and fire agencies to become "Pediatric Ready," or prepared to provide high-quality care for children in accordance with national recommendations.

### Why is pediatric readiness so important?

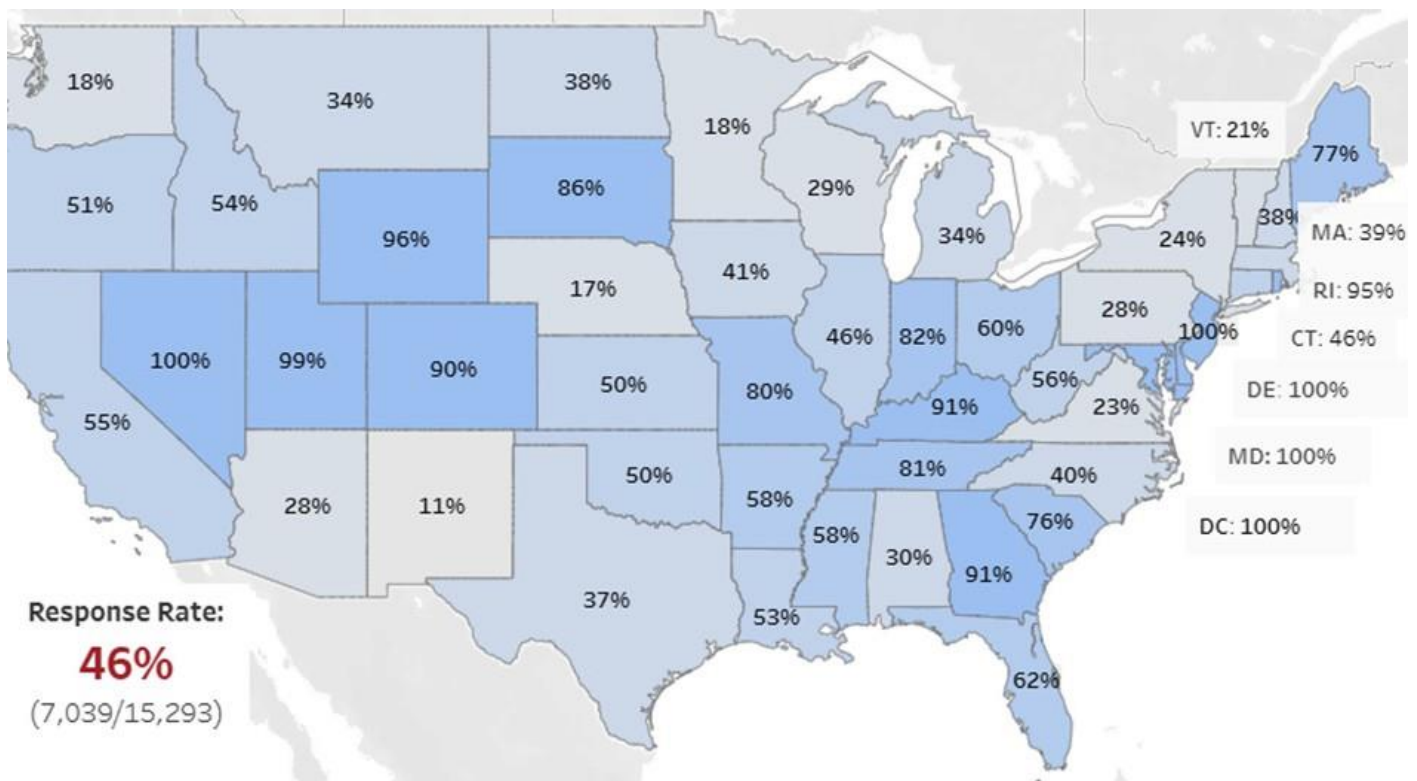
Children have unique characteristics that require specific care, especially in emergencies. Pediatric incidents account for approximately 10% of all prehospital calls. The limited frequency of pediatric interactions can result in clinicians being less familiar with- and often less confident in providing pediatric care. Being pediatric-ready can reduce anxiety and increase confidence for EMS clinicians.



# EMS FOR CHILDREN (EMSC)

## The National Prehospital Pediatric Readiness Project Assessment

The Prehospital Pediatric Readiness Project Assessment is the first of its kind assessment looking at all aspects of pediatric readiness at EMS and fire agencies. The survey was conducted during the summer of 2024. The assessment was open to 195 911 responding EMS and fire agencies in Georgia. 177 agencies completed the assessment, giving **Georgia a 91% response rate.**



# EMS FOR CHILDREN (EMSC)

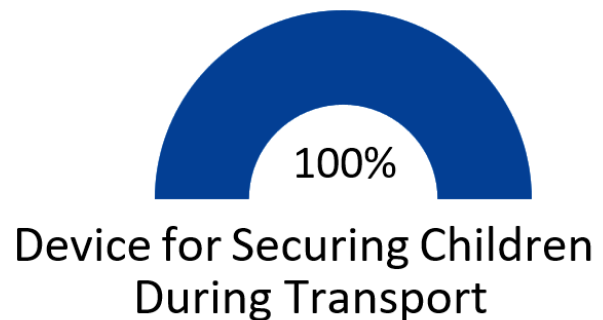
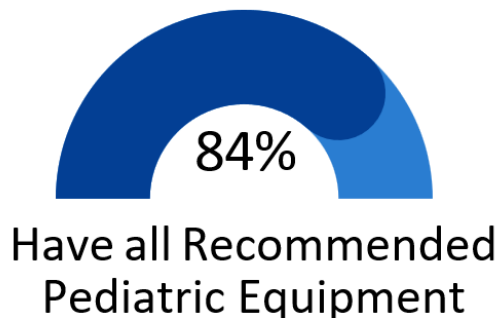
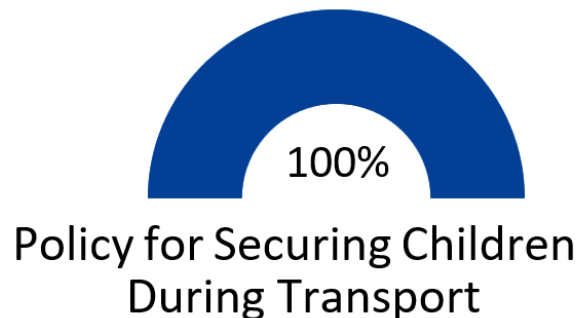
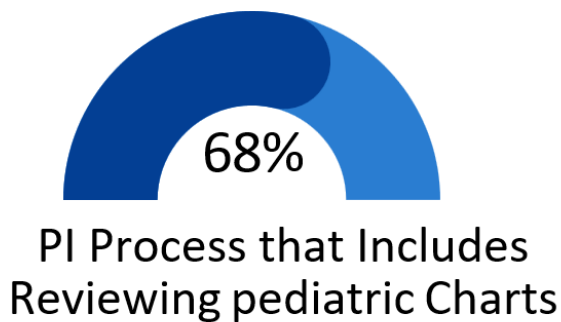
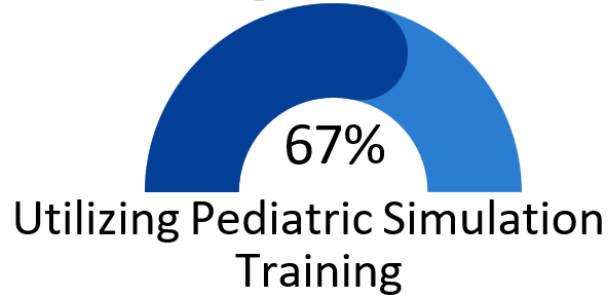
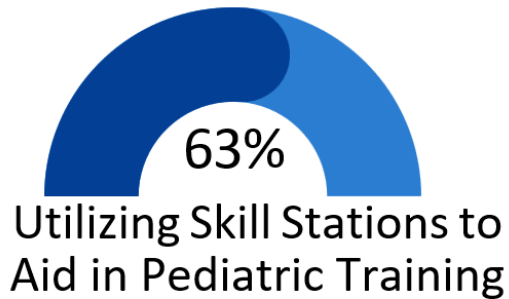
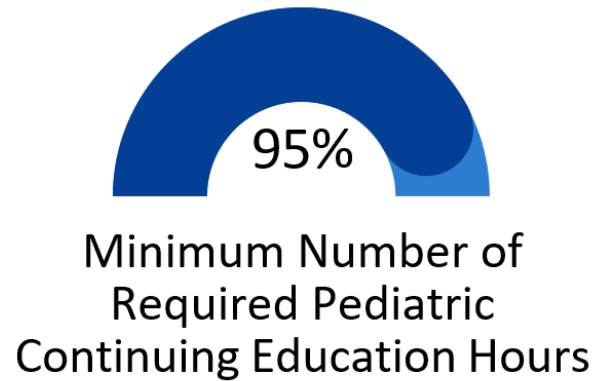
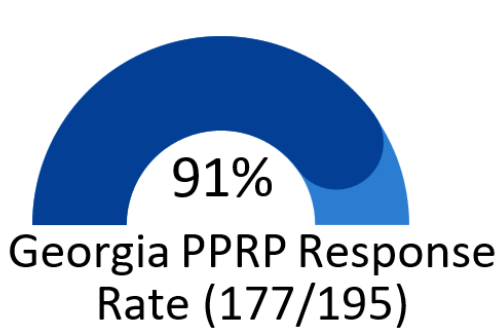
## The National Prehospital Pediatric Readiness Project Assessment

<b>157</b> ALS Agencies	<b>20</b> BLS/ILS Agencies
<b>130</b> Transporting Agencies	<b>47</b> Non-Transporting Agencies

Region	Average EMS Regional Pediatric Readiness Score
Region 1	68%
Region 2	65%
Region 3	66%
Region 4	57%
Region 5	64%
Region 6	72%
Region 7	65%
Region 8	56%
Region 9	64%
Region 10	70%
Georgia	65%

# EMS FOR CHILDREN (EMSC)

## Prehospital Pediatric Readiness Project Quick STATS



# REFERENCES

- Commons, D. (2024). *Georgia*. Retrieved from Data Commons: <https://datacommons.org/place/geold/13>
- Frederic J. Grant IV, P. (2006). *OEMS Operating Report*. Atlanta: GEORGIA DEPARTMENT OF HUMAN RESOURCES.
- Georgia Data Analytics Center. (2023, 11 27). *Health Care Workforce*. Retrieved from Georgia Data Analytics Center: <https://gdac.georgia.gov/health>
- Harvey, J. C. (1974, November 25). *The Emergency Medical Service Systems Act of 1973*. Retrieved from JAMA Network: <https://jamanetwork.com/journals/jama/article-abstract/358303>
- NHTSA's Office of EMS. (2022). *What is EMS?* Retrieved from EMS.Gov: <https://www.ems.gov/what-is-ems/>
- O.C.G.A. Title 31, C. 1. (2023, November 24). *Georgia General Assembly*. Retrieved from LexisNexis: <https://advance.lexis.com/documentpage/?pdmfid=1000516&crid=39858d0e-5af8-4c8d-a28f-697a12f3a04a&nodeid=ABFAAQAAB&nodepath=%2FROOT%2FABF%2FABFAAQ%2FABFAAQAAB&level=3&haschildren=&populated=false&title=CHAPTER+11+Emergency+Medical+Services&config=00JA1MDB>

