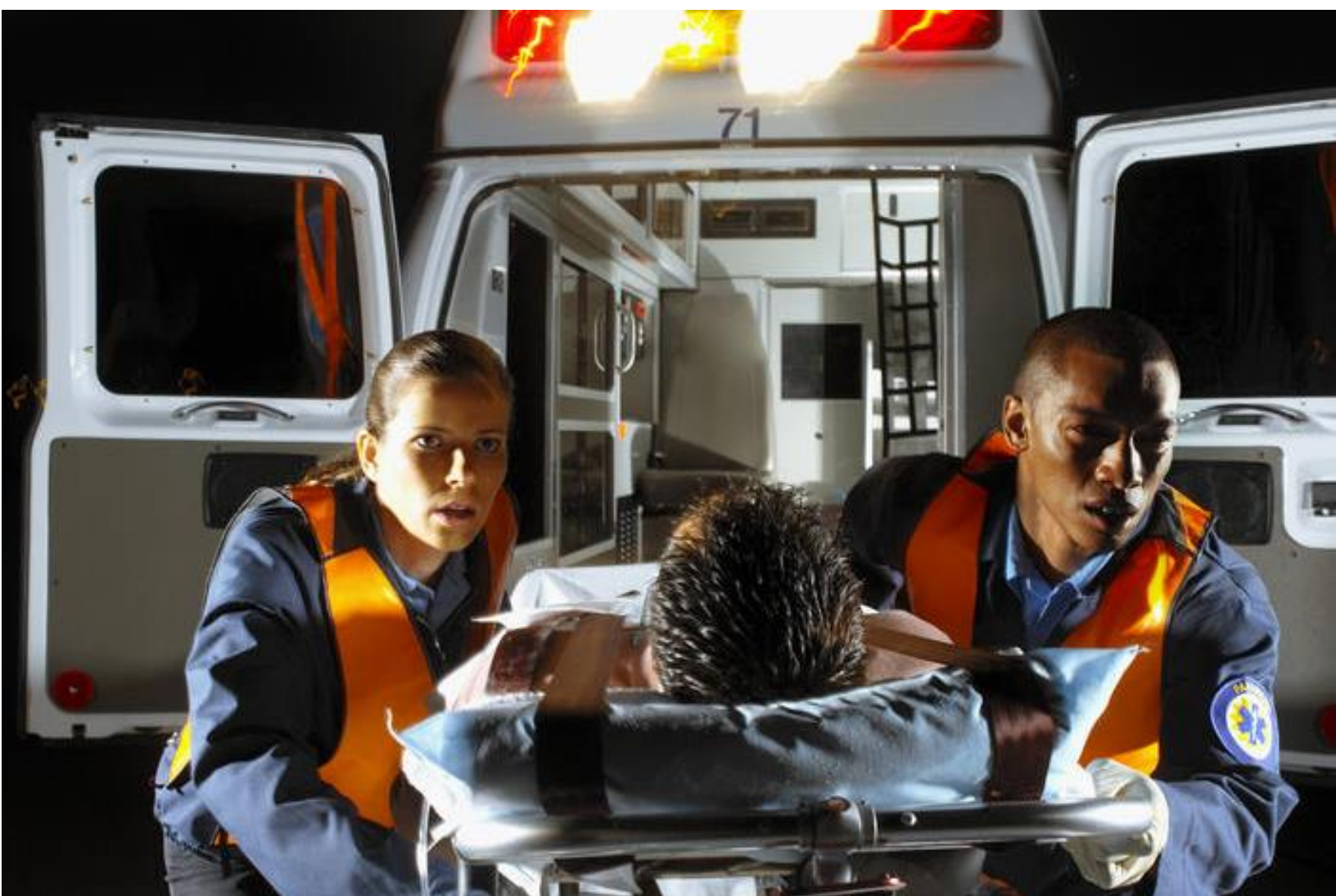


2021 - 2022

# Office of EMS and Trauma

## Annual Report



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# 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 efficient, 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

During 2021, we were at the peak of a pandemic that we had never experienced in our lifetime. The pandemic altered everything about our lifestyles, from how we gather with family to how we shop for groceries. Facemasks were mandatory outside of our homes and visiting loved ones in the hospital was all but forbidden. As bad as Covid-19 was and no matter how much it altered everyday life, EMS continued in near perfection. The EMS professionals in Georgia went above and beyond to provide excellent care and transportation to the sick and injured, no matter how dangerous the job got or how sick their loved ones back home were. Individuals in EMS volunteered thousands of hours to administer countless Covid vaccinations to help get the pandemic under control, all while ensuring the calls for emergencies didn't go unanswered.

In 2022, the pandemic was nearing an end and things were getting back to normal, except for the medical field and EMS in particular. EMS suffered workforce shortages, coupled with call volume increases, all while dealing with increased wall-times at the emergency departments. Still, EMS continued on in its efforts to do the best job possible for the citizens of Georgia.

The last annual report from the Office of EMS and Trauma was in 2006 and we felt it was time to reinstate the annual report to let everyone know what EMS does in Georgia and how well our EMS professionals do it. When we decided to do this, we wanted to go back a couple of years to see how we have grown and progressed, hence the 2021-22 version.

I am proud to be a part of EMS in Georgia and honored to be your representative to the EMS community nationwide. Even though we have our faults and room for improvement, Georgia has something to be proud of when it comes to EMS, and that is all contributed to the EMS providers and medical directors that care about the profession and the citizens they serve.

Thank you EMT-Rs, EMTs, AEMTs, EMT-Is, CTs, Paramedics, and EMS Medical Directors for all you do.

*Michael B. Johnson*



# INTRODUCTION

The Georgia Office of EMS and Trauma EMS Annual Report Calendar Year 2021 and 2022 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 Public Health, Department of Public Health. The statistical data represented in the tables and charts was collected from the Patient Care Reports and other operating data from January 1, 2021 through December 31, 2021 and January 1, 2022 through December 31, 2022. The statistics in this document will provide a baseline for continuous examination, comparison, and improvements 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

<https://dph.georgia.gov/EMS>

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 to 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**

**EMS Policies, Rules and Regulations**

**EMS Protocols and Scope of Practice**

**EMS Agency and Personnel Licensure**

**Post-Licensure Skills (PLS) for Paramedics**

**EMS Initial/Continuing Education**

**EMS Instructor Licensure**

**TRAIN Georgia**

**REPLICA**

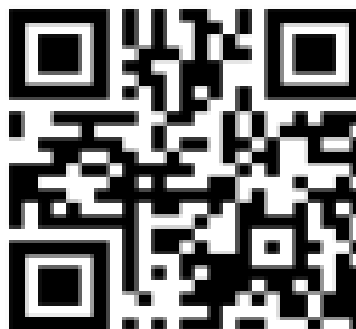
**EMS Data and Reporting**

**Regional EMS Systems**

**Specialty Care Centers**

**Office of Cardiac Care**

**Trauma Program**





# OEMST STAFF

## **Leadership**

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# EMERGENCY MEDICAL SERVICES

## **What is EMS?**

Emergency Medical Services (EMS) is considered a comprehensive system of personnel, equipment, and resources that provide emergency medical care to the community. EMS is an intricate system, and each component has an essential role (NHTSA's Office of EMS, 2022). The EMS system components can include but are not limited to the following:

- Public and Private Services
- Communication and Transportation Services
- Trauma Systems
- Rehabilitation Services
- Trained Professionals (Licensed Medics, Nurses, physicians, etc.)
- Administrators and Government Officials
- Informed Public

EMS in Georgia is focused on providing quality care to sick and injured patients by qualified, licensed providers in a rapid and safe vehicle to the most appropriate hospital facility. Under the Georgia Rules and Regulations every ambulance or medical first responder unit (MFR) that is licensed by the OEMST must contain the proper equipment and medications. In addition, the agency must staff each licensed unit with appropriately qualified and licensed medical providers. The licensed EMS agency must retain a licensed physician as a Medical Director that is legally responsible for all clinical and patient-care protocols for the treatment that is administered to the patient by these licensed personnel.

The agency and licensed medics are required to submit completed electronic patient care reports to the OEMST GEMSIS Elite system within 24 hours of call completion. The GEMSIS Elite system is funded through the help of a grant given through Governor's Office of Highway and Safety (GOHS), Division of National Highway Traffic Safety Administration (NHTSA).



# 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 to health care and provide emergency preparedness for state citizens and visitors.

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 contribute to community and public health:

- Planning and preparing for medical responses to disease outbreaks.
- Planning and preparing for mass gathering.
- 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 30 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) that 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 related 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 of 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 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:

### SIZE

59,425 square miles

### POPULATION

2021-10.8 million

2022-10.9 million



Georgia has 159 counties, more than any other state east of the Mississippi. In 2021, 40.13% of the state was classified as rural. That number decreased slightly to 39.7% rural in 2022. The top 3 industries in the state are Manufacturing, Agriculture, and Tourism. The median household income in Georgia in 2021 was \$61,497 and increased to \$67,730 in 2022. 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 OPERATIONS: (Statewide)

	2021	2022
<b>Total EMS Agencies *</b>	423	422
Medical First Responder (MFR)	107	113
Ground Ambulances	350	345
Neonatal	11	11
Air Ambulance	7	7
<b>Total EMS Vehicles</b>	3,686	3,650
MFR (non-transport vehicles)	1,100	1,112
Ground Ambulances	2,531	2,479
Neonatal	9	11
Air Ambulance	46	48
<b>Total EMS Providers - Active</b>	24,514	25,856
EMT-R	99	311
EMT	5,787	6,391
EMT-I	4,880	4,804
AEMT	4,947	5,221
Cardiac Tech	28	27
Paramedic	8,773	9,102
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	2,160	1,154
EMT-R	0	0
EMT	508	529
EMT-I	637	58
AEMT	261	274
Cardiac Tech	4	0
Paramedic	750	293

\* The breakdown of Total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# EMS OPERATIONS: (Statewide)

	2021	2022
<b>Total Responses</b>	2,961,582	2,835,063
Medical First Responder (MFR)	459,169	464,610
Ground Ambulance	2,489,840	2,355,835
Neonatal	3,045	3,688
Air	9,528	10,930
<b>Total 911 Responses</b>	1,978,613	1,960,624
Medical First Responder (MFR)	459,169	464,610
Ground Ambulance	1,513,233	1,491,676
Air Ambulance	6,211	4,338
<b>Average 911 Response Time (In Minutes)</b>	14.28	14.89
Medical First Responder (MFR)	12.84	12.30
Ground Ambulance	11.04	12.50
Air Ambulance	21.94	24.88
<b>Total Interfacility/Transfer Responses</b>	982,969	874,439
Ground Ambulance	974,156	866,955
Neonatal	3,045	3,688
Air Ambulance	5,768	3,796
<b>Total Transports</b>	1,826,730	1,748,214
Ground Ambulance	1,814,899	1,734,889
Neonatal	2,619	2,786
Air Ambulance	9,212	10,539

# EMS OPERATIONS: (Statewide)

	2021	2022
<b>Type of Service Requested</b>		
911 Response (Scene)	1,954,520	1,953,320
Intercept	3,792	4,097
Interfacility Transport	164,406	159,715
Medical Transport	802,351	689,747
Mutual Aid	4,002	4,364
Public Assistance/Other Not Listed	22,072	17,966
Standby	10,084	5,508
<b>Response Mode to Scene</b>		
Emergent (Immediate Response)	1,714,788	1,679,802
Emergent Downgraded to Non-Emergent	16,319	14,797
Non-Emergent	221,890	216,557
Non-Emergent Upgraded to Emergent	1,339	1,172
<b>Primary Clinical Area</b>		
Medical	1,874,853	1,776,874
Psych	109,255	104,604
Trauma	169,513	169,170
Cardiac	121,837	110,608
Stroke	23,097	23,054

# EMS OPERATIONS: (Statewide)

<b>Incident/Patient Disposition</b>	<b>2021</b>	<b>2022</b>
Assist, Agency	16,726	19,488
Assist, Public	32,845	34,713
Assist, Unit	94,418	95,625
Canceled (Prior to Arrival at Scene)	190,533	190,827
Canceled on Scene (No Patient Contact)	105,070	98,527
Canceled on Scene (No Patient Found)	56,872	57,283
Patient Dead at Scene-No Resuscitation Attempted (With Transport)	3,973	3,951
Patient Dead at Scene-No Resuscitation Attempted (Without Transport)	259	306
Patient Dead at Scene-Resuscitation Attempted (With Transport)	15,903	14,945
Patient Dead at Scene-Resuscitation Attempted (Without Transport)	871	762
Patient Evaluated, No Treatment/Transport Required	80,878	69,628
Patient Refused Evaluation/Care (With Transport)	122,275	126,905
Patient Refused Evaluation/Care (Without Transport)	327	344
Patient Treated, Released (AMA)	98,284	91,896
Patient Treated, Released (per protocol)	40,400	39,379
Patient Treated, Transferred Care to Another EMS Unit	152,578	154,194
Patient Treated, Transported by this EMS Unit	913,424	925,228
Patient Treated, Transported by Law Enforcement	2,198	2,194
Patient Treated, Transported by Private Vehicle	3,002	3,719
Standby-No Services or Support Provided	5,093	3,847
Standby-Public Safety, Fire, or EMS Operational Support Provided	8,721	8,765
Transport Non-Patient, Organs, etc.	103	115
Transport Non-Patient, Organs, etc.	103	115

# EMS OPERATIONS: (Statewide)


<b>Top 5 Providers Primary Impression</b>		
<b>2021</b>		<b>2022</b>
1) Weakness		1) Weakness
2) Altered Mental Status		2) Altered Mental Status
3) Respiratory distress		3) Chest Pain
4) Psychiatric		4) Respiratory Distress
5) Seizure		5) Abdominal Pain

<b>Top 5 Medications Given</b>		
<b>Medical First Responder (MFR)</b>		
<b>2021</b>		<b>2022</b>
1) Dextrose		1) Albuterol
2) Albuterol		2) Epinephrine
3) Naloxone (e.g., Narcan)		3) Naloxone (e.g., Narcan)
4) Epinephrine		4) Aspirin
5) Aspirin		5) Dextrose
<b>Ground Ambulance</b>		
<b>2021</b>		<b>2022</b>
1) Ondansetron (e.g., Zofran)		1) Ondansetron (e.g., Zofran)
2) Aspirin		3) Albuterol
3) Albuterol		2) Aspirin
4) Nitroglycerin		4) Nitroglycerin
5) Fentanyl		5) Fentanyl
<b>Air Ambulance</b>		
<b>2021</b>		<b>2022</b>
1) Fentanyl		1) Fentanyl
2) Ketamine (e.g., Ketalar)		2) Ketamine (e.g., Ketalar)
3) Ondansetron (e.g., Zofran)		3) Ondansetron (e.g., Zofran)
4) Midazolam (e.g., Versed)		4) Midazolam (e.g., Versed)
5) Rocuronium (e.g., Zemuron)		5) Norepinephrine

\* Medications excludes IV fluids and Oxygen

# EMS OPERATIONS: (Statewide)

<b>Top 5 Procedures Done</b>		
<b>Medical First Responder (MFR)</b>		
<b>2021</b>		<b>2022</b>
1) IV with or without Fluids		1) IV with or without Fluids
2) Cardiac Monitor		2) Cardiac Monitor
3) CPR		3) CPR
4) Supraglottic Airway		4) Supraglottic Airway
5) Bleeding control		5) Defibrillation
<b>Ground Ambulance</b>		
<b>2021</b>		<b>2022</b>
1) IV with or without Fluids		1) IV with or without Fluids
2) 12 lead ECG		2) 12 lead ECG
3) Cardiac Monitor 3 & 4 lead		3) Cardiac Monitor 3 & 4 lead
4) Blood Glucose Check		4) Blood Glucose Check
5) Spinal Immobilization		5) Capnography
<b>Air Ambulance</b>		
<b>2021</b>		<b>2022</b>
1) IV Access		1) IV Access
2) 12 lead ECG		2) 12 lead ECG
3) Blood glucose Check		3) Blood glucose Check
4) Ventilator Care		4) Ventilator Care
5) Intubation		5) Intubation



# EMS EDUCATION: (Statewide)

Georgia has a very large, diverse EMS Educational system comprised of many different sponsor types ranging from Technical College System of Georgia, University System of Georgia, EMS agencies, Fire Departments, Hospitals, and Private entities.

Students can enter into an educational program at a variety of levels to complete their education. Upon successful completion of an OEMST approved course students are eligible to test the NREMT cognitive exam, as well as the State or NREMT psychomotor exam. Upon certification from the National Registry of EMT's (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 one time. The affect is that while the number of programs remain stable overall, there are more satellite locations that offer educational opportunities than the data shows.

# EMS EDUCATION: (Statewide)

	2021	2022
<b>Total EMS Education Programs</b>	160	188
EMR	N/A	161
EMT	N/A	158
AEMT	N/A	120
Paramedic	N/A	37
<b>Total EMS Education Courses</b>	447	516
EMR	72	94
EMT	236	248
AEMT	135	142
Paramedic	45	44
<b>Total EMS Education Enrollment</b>	6,578	6,962
EMR	777	1,085
EMT	3,630	3,651
AEMT	1,663	1,726
Paramedic	733	701
<b>Total EMS Education Attrition</b>	1,269	1,993
EMR	93	169
EMT	790	1194
AEMT	275	412
Paramedic	146	269
<b>Total Number of Instructors</b>	N/A	845
EMS Instructor	N/A	303
Instructor/Coordinator EMT	N/A	18
Instructor/Coordinator AEMT	N/A	224
Instructor/Coordinator Paramedic	N/A	243
Instructor with PMDC Endorsement	N/A	57
<b>Georgia's NREMT Pass Rates</b>		
EMR	55%	60%
EMT	77%	77%
AEMT	72%	67%
Paramedic	80%	75%

# 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 works with the Department to recommend 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.

**Members as of 7/1/2021**

# EMS ADVISORY COUNCIL (EMSAC)

**M. L. "Bud" Owens, Chairman**

Region 1 Representative  
Floyd Medical Center

**Reg James, Vice-Chairman**

Amerimed Medical

**Don T. Cargile, Secretary**

Region 10 Representative  
National EMS

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

Navicent Medical Center Trauma

**Jim Anderson**

Jefferson County EMA Director

**J. Benny Atkins**

Region 3 Representative  
National EMS

**Paula Carter**

Columbus Fire & EMS Training  
Program

**Bengie Cowart**

Region 9 Representative  
Chatham EMS

**Jeff Denney**

Region 4 Representative  
Coweta County Fire-EMS

**Vic Drawdy**

Air Evac Life team

**David E. Edwards**

Region 8 Representative  
Crisp County EMS

**Denise Goings, MSN, RN**

Navicent Medical Center Stroke  
Program

**Karen Grabenstein**

East Georgia Regional Medical Center

**Jason Grady**

Northside Hospital

**John Harvey, M.D.**

EMSMDAC  
AMR DeKalb

**Glenn Henry**

Athens Technical College

**Bill Hightower**

AmbuCare – Haralson County

**Mike Jernigan**

Metro Atlanta Ambulance Service

**Jonathan Johnson, RN**

Children's Healthcare of Atlanta

**Jim Jones**

Southeastern Technical College

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

EMSMDAC  
CHOA

**Jake Lonas**

Puckett EMS

**Scott Masters**

Region 2 Representative  
NE GA Medical Center

**Wanda E. McDuffie**

Effingham County EMS

**Landry D. Merkison**

Clayton County Fire & EMS

**Debra Nesbit**

Association County Commissioners of  
GA

**Amy Norton, RN**

Air Methods

**Lee P. Oliver**

Region 5 Representative  
Metro Atlanta EMS

**Mark S. Peters**

Northside Gwinnett  
Region 3 RTAC

**Joe W. Robinson**

Region 7 Representative  
Community Ambulance

**Jennifer Rozovich, MSN, RN**

Augusta University  
Perinatal

**Chris Rustin, DrPH**

Chatham County Health Department

**Courtney L. Terwilliger**

Region 6 Representative  
Emanuel County EMS

Members as of 7/1/2022

# EMS ADVISORY COUNCIL (EMSAC)

**Jim Anderson**

Jefferson County EMA Director

**Steven Vincent**

Gold Cross EMS

**Don Cargile**

Region 10 Representative  
National EMS – Athens

**Paula Carter**

Columbus Fire & EMS Training  
Program

**Bengie Cowart**

Region 9 Representative  
Chatham EMS

**Vic Drawdy**

Region 9 Representative  
Air Evac Life team

**David Edwards**

Region 8 Representative  
Crisp County EMS

**Denise Goings, MSN, RN**

Atrium Health, Navicent Medical  
Center Stroke Program

**Karen Grabenstein**

East Georgia Regional Medical Center

**Jason Grady**

Northside Hospital - Emergency  
Cardiac Care

**John Harvey, MD**

Region 3 Representative  
Gwinnett Medical Center and Medical  
Association of GA

**Thomas Woodruff**

Faithful Guardian Training Center

**Bill Hightower**

AmbuCare - Haralson County

**Jeffery Hill**

Region 4 Representative  
Fayette County Fire and ES

**Reg James**

Amerimed Medical

**Mike Jernigan**

Metro Atlanta Ambulance Service

**Tracy Johns, MSN, RN**

Navicent Medical Center, Trauma  
Program Manager

**Jim Jones**

Southeastern Technical College

**Dewayne Joy**

Childrens Healthcare of Atlanta

**Jeff Linzer, MD**

Children's Healthcare of Atlanta

**Jacob Lonas**

Puckett EMS

**Scott Masters**

Region 2 Representative

Gainesville-Hall County

**Wanda McDuffie**

Effingham County

**Landry Merkison**

Clayton County Fire & Emergency  
Services

**Amy Norton, RN**

Air Methods

**Lee Oliver**

Macon-Bibb County

**Bud Owens**

Region 1 Representative  
Rome-Floyd County

**Mark Peters**

Northside - Gwinnett Medical Center

**Joe Robinson**

Region 7 Representative  
Jones County

**Jennifer Rozowich, MSN, RN**

Augusta University

**Dwain Butler**

South Health District

**Courtney Terwilliger**

Region 6 Representative  
Emanuel County

**Bill Twomey**

ACCG

Association County Commissioners of  
Georgia

# 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 the important role of advisement to the Office of EMS and Trauma on issues related to medical direction of the EMS system.

EMSMDAC meets on a quarterly basis. Whether this council is advising on practice issues related to 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 use of evidence-based practice can drive improvements in Georgia's Emergency Medical Services system.

Members as of 7/1/2021

# EMS MEDICAL DIRECTORS' ADVISORY COUNCIL (EMSMDAC)

**James J. Augustine**

Chair  
Forest Park Fire, Morrow Fire, Hapeville  
Fire, South Fulton Fire, Riverdale Fire

**Patrick McDougal**

Vice Chair  
Gwinnett County Fire Department

**Lekshmi Kumar**

Secretary  
Grady EMS

**John McManus**

Parliamentarian  
Region 6 EMS, GBI, Southstar EMS

**Rizwan Bashir**

Northside Hospital Gwinnett

**Ron Buchheit**

Catoosa Fire, Ft Oglethorpe Fire,  
Southeast Event Safety, Walker County  
EMS

**Michael J Carr**

DeKalb County Fire, Air Life Georgia

**Jane Ellis**

Emory School of Medicine

**Ray Fowler**

Douglas County Fire Department

**Ralph Griffin, Jr**

Community Ambulance, Coliseum  
Northside

**Michael Hagues**

St. Francis Hospital ED

**Thomas L Haltom**

Retired

**John Harvey**

AMR DeKalb

**Clayton Hearn**

Madison County EMS

**Kurt Roger Horst**

Towns County EMS

**Jonathan Lawrence**

Towns County EMS

**Jeffrey F. Linzer Sr.**

CHOA/Emory

**Jill Ann Mabley**

Cherokee County Fire

**John Jeffrey Marshall**

Northside Hospital Cardiovascular  
Institute

**Yuko Nakajima**

Metro Atlanta Ambulance Service

**Jeff Nicholas**

Gwinnett Medical Center

**Marvin Eric Nix**

Cobb County Fire, Kennestone Hospital

**Jehangir Pirzada**

WellStar Spalding EMS

**Sudha Reddy**

Clayton County Fire and Emergency  
Services

**Sheila Southerland**

Crisp County EMS, Dooly County EMS

**Jason Springer**

Brantley County EMS

**Arthur H. Yancey**

College Park Fire Rescue

Members as of 7/1/2022

# EMS MEDICAL DIRECTORS' ADVISORY COUNCIL (EMSMDAC)

**Rizwan Bashir**

Northside Hospital Gwinnett

**Ron Buchheit**

Catoosa Fire, Ft Oglethorpe Fire,  
Southeast Event Safety, Walker County  
EMS

**Brandon Dawson**

St. Francis -Emory Healthcare

**Lekshmi Kumar**

Grady EMS, Emory Perinatal Transport

**Jonathan Lawrence**

Towns County EMS

**Jeff Linzer**

CHOA, Emory

**Jill Ann Mabley**

Cherokee County Fire

**John Jeffrey Marshall**

Northside Hospital Cardiovascular  
Institute

**Patrick D. McDougal**

Gwinnett County Fire Department

**Raymond L. Fowler**

Douglas County Fire Department

**Ralph Connell Griffin Jr.**

Community Ambulance, Coliseum  
Northside

**Thomas Haltom**

Retired

**John McManus**

Region 6 EMS, GBI, Southstar EMS

**Yuko Nakajima**

Metro Atlanta Ambulance Service

**Marvin E. Nix**

Cobb County Fire,  
Kennestone Hospital

**Jehangir Tanveer Pirzada**

WellStar Spalding EMS

**Sudha Reddy**

Clayton County Fire and Emergency  
Services

**Clayton G Hearn**

Madison County EMS

**Kurt R Horst**

National EMS, Athens-Clarke FD

**Alex Isakov**

Emory School of Medicine

**Alicia Register**

Crisp Reginal Hospital

**Ric Solis**

Medical College of Georgia  
Department of Emergency Medicine

**Jill Ann Mabley**

Cherokee County Fire

**Sheila Southerland**

Crisp County EMS, Dooly County EMS

**Jason Springer**

Brantley County EMS

**Arthur Yancey**

College Park Fire Rescue

# REGIONAL EMS ADVISORY COUNCIL (REMSAC)



Each of the ten (10) EMS regions are 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 the Department 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 county Board of Commissioners. Additional at-large appointments are made by the Commissioner of the Department of Public Health, if needed to ensure the membership representation requirements of the Council Bylaws.

# EMS ZONING

Georgia recognized that it is highly desirable for the state to participate in the emergency medical systems communications programs established pursuant to Public Law 93-154, entitled the Emergency Medical Services Systems Act of 1973.

An emergency medical services system is a system which provides for the arrangement of personnel, facilities, and equipment for the effective and coordinated delivery in an appropriate geographical area of health care services under emergency conditions. The furnishing of Emergency Medical Services (EMS) is a matter of substantial importance to Georgia and the people of this state. The administration of an emergency medical systems communications program should be the responsibility of the Department of Public Health, acting upon the recommendations of the local coordinating entity which coordinates based primarily on the considerations of economy, efficiency, and benefit to the public welfare.

The General Assembly therefore declared that, in the exercise of the sovereign powers of the state to safeguard and protect the public health and general well-being of its citizens, it is the public policy of this state to encourage, foster, and promote emergency medical systems communications programs and that such programs shall be accomplished in a manner that is coordinated, orderly, economical, and without unnecessary duplication of services and facilities as defined in O.C.G.A. §§ 31-11-1.

Additionally, the events of September 11<sup>th</sup> not only highlighted the importance of having an organized, efficient, and administrated EMS system but also emphasized the need for integration of communities and resources, to prevent local, regional, or statewide deficits or disparities.

Georgia is currently comprised of one-hundred and seventy-five (175) Emergency Response Zones (ERZ) that make up the EMS Communication Program (EMS Zoning).

Each Regional EMS Council has the responsibility to coordinate, facilitate the improvement of, and maintain a quality EMS system within the respective region. Once presented with a request to evaluate an ERZ, a defined process is in place to determine if modifications need to be made to an Emergency Response Zone, as set forth in O.C.G.A. §§ 31-11-3 and 31-11-4 and under the circumstances outlined in DPH Rule 511-9-2-.04, based primarily on the considerations of economy, efficiency, and the benefit to 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

**Total Area:**  
5,482 square miles

**Total Population:**  
2021- 1,205,166  
2022- 1,213,312

**Population by County:**

	<u>2021</u>	<u>2022</u>
Dade	16,326	16,081
Walker	68,510	68,915
Catoosa	68,397	68,826
Whitfield	102,848	103,132
Murray	39,951	40,472
Fannin	25,817	25,737
Gilmer	32,026	32,407
Chattooga	24,932	24,936
Gordon	58,237	58,954
Pickens	34,024	24,826
Floyd	98,771	99,443
Bartow	110,843	112,816
Cherokee	274,615	281,278
Polk	43,496	43,709
Paulding	173,780	178,421
Haralson	30,572	31,337



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 fourteen (14) acute care hospitals spread across the region with six (6) designated trauma centers, four (4) designated cardiac centers, and ten (10) designated stroke centers. Just outside of Region 1, in Tennessee, is a Level 1 Trauma Center that receives major trauma patients from a large portion of Region 1. The region also has 2 hospitals that provide Level III NICU services and transport.

Region 1 is the only EMS region with a Disaster Assessment Reponse Team (D.A.R.T.) with an EMS focus. This system allows the Regional Director or Regional Training Coordinator to assist agencies with mutual aid to their counties in the event of a disaster even if the event does not activate a full D.A.R.T. response. The D.A.R.T. team also provides dedicated EMS services for GSAR deployments.

# REGION 1

	2021	2022
<b>Total EMS Agencies *</b>	38	37
Medical First Responder (MFR)	16	16
Ground Ambulances	28	27
Neonatal	1	1
Air Ambulance	1	1
<b>Total EMS Vehicles</b>	344	334
MFR (non-transport vehicles)	157	151
Ground Ambulances	181	176
Neonatal	1	2
Air Ambulance	5	5
<b>Total EMS Providers- Active</b>	N/A	3,536
EMT-R	N/A	42
EMT	N/A	561
EMT-I	N/A	820
AEMT	N/A	788
Cardiac Tech	N/A	4
Paramedic	N/A	1,321
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	263	112
EMT-R	0	0
EMT	45	53
EMT-I	102	8
AEMT	38	30
Cardiac Tech	0	0
Paramedic	78	21

\* The breakdown of Total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 1

	2021	2022
<b>Total Responses</b>	186,657	182,336
Medical First Responder (MFR)	75,338	35,922
Ground Ambulance	110,598	138,449
Neonatal	11	22
Air Ambulance	710	749
<b>Total 911 Responses</b>	144,142	143,261
Medical First Responder (MFR)	75,338	35,922
Ground Ambulance	68,457	106,987
Air Ambulance	347	352
<b>Average 911 Response Time (In Minutes)</b>	11.54	21.52
Medical First Responder (MFR)	13.65	13.05
Ground Ambulance	15.70	29.51
Air Ambulance	13.21	22.24
<b>Total Interfacility/Transfer Responses</b>	42,515	39,075
Ground Ambulance	42,141	38,656
Neonatal	11	22
Air Ambulance	363	397
<b>Total Transports</b>	109,844	106,664
Ground Ambulance	109,126	105,899
Neonatal	11	22
Air Ambulance	707	743
<b>Type of Service Requested</b>		
911 Response (Scene)	140,888	142,861
Intercept	102	92
Interfacility Transport	12,876	11,235
Medical Transport	29,660	25,386
Mutual Aid	396	308
Public Assistance/Other Not Listed	737	979
Standby	1,994	1,464
<b>Primary Clinical Area</b>		
Medical	151,813	147,652
Psych	11,429	11,714
Trauma (major and minor)	16,887	18,038
Cardiac (includes all etiologies)	12,428	12,166
Stroke (includes all etiologies)	2,289	2,432

# REGION 1 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	13	18
<b>Total EMS Education Courses</b>	34	45
EMR	4	4
EMT	17	23
AEMT	13	15
Paramedic	1	5
<b>Total EMS Education Enrollment</b>	449	560
EMR	29	45
EMT	263	301
AEMT	157	194
Paramedic	15	55
<b>Total EMS Education Attrition</b>	85	113
EMR	3	0
EMT	63	72
AEMT	19	32
Paramedic	3	15
<b>Total Number of Instructors</b>	N/A	109
EMS Instructor	N/A	33
Instructor/Coordinator EMT	N/A	1
Instructor/Coordinator AEMT	N/A	36
Instructor/Coordinator Paramedic	N/A	32
Instructor with PMDC Endorsement	N/A	7

# REGION 1 COUNCIL

## **Bartow**

**Dwayne Jamison**  
Chief  
Bartow County Fire

## **Mike Ellington**

Safety Consultant  
MetroAtlanta Ambulance

## **Catoosa**

**Steve Quinn**  
Director  
Catoosa County EMA/ 911

## **Brad Buchanan**

Training Officer  
Catoosa County Fire

## **Chattooga**

**Marty Robinson**  
EMS Director  
AdventHealth Redmond  
EMS

## **Pamela Vaughn**

Director  
Chattooga County EMA

## **Cherokee**

**Nate Sullivan**  
EMS Chief  
Cherokee County Fire/  
EMS

## **Kristi Wiggington**

Instructor  
Cherokee County Fire/  
EMS

## **Dade**

**Dennis Kelly**  
Supervisor/ EMS Education  
Puckett EMS

## **Alex Case**

EMA Director  
Dade County EMA

## **Fannin**

**Becky Huffman**  
EMS Chief  
Fannin County Fire/ EMS

## **Robert Graham**

EMA Director  
Fannin County EMA

## **Floyd**

**Dan Sweitzer**  
VP-Retired  
Atrium Health

## **Kenneth Metteauer**

CFO  
AdventHealth Redmond

## **Gilmer**

**Terence Evans**  
Instructor  
Gilmer County Fire/EMS

## **Mike Schminky**

Paramedic  
Gilmer County Fire/EMS

## **Gordon**

**Bud Owens**  
Executive Leader, Atrium  
Health EMS  
Markets  
Atrium Health

## **Cortney Taylor**

EMA Director  
Gordon County EMA

## **Haralson**

**Jason Hurley**  
Chief  
Bremen Fire

## **Brian Walker**

Chief  
Haralson County Fire

## **Murray**

**Mike Etheridge**  
EMS Director  
AdventHealth

## **Doug Douthitt**

Director  
AdventHealth Murray EMS

## **Paulding**

**Tim King**  
EMS Chief  
Paulding Co Fire

## **Lisa Lewis**

Instructor  
Paulding Co Fire

## **Pickens**

**Beth Feininger**  
Training Officer  
Pickens County Fire/ EMS

## **Sloan Elrod**

Public Safety Director  
Pickens County

## **Polk**

**Connor Hooper**  
Commissioner  
Polk County

## **Frankie Matthews**

Assistant EMS Director  
AdventHealth Redmond  
EMS

## **Walker**

**Blake Hodge**  
Chief  
Walker County EMA/911

## **Curtis Creekmur**

Deputy Director  
Walker County EMA/911

## **Whitfield**

**Edward O'Brien**  
Chief  
Whitfield County Fire

## **Wendy Saylor**

Deputy Director  
Gordon County EMA

## **At-Large**

**John Pope**  
Trauma Coordinator  
Piedmont Cartersville  
Medical Center

## **Scott Stephens**

Region 1 RTAC  
Coordinator  
Gilmer Co Safe Kids/  
EMSC/ RTAC

## **Sara Trojanowski**

Clinical Coordinator  
Northside Cherokee

## **Kellie Pearson**

Director of Women's and  
Children's Services  
Atrium Floyd

## **Ron Buchheit**

Medical Director  
Erlanger Health Systems/  
R1 MD

## **Heather Clement**

ED Director  
Piedmont Cartersville  
Medical Center

## **Will Pitt**

N. GA/ TN Operations  
Director  
Puckett EMS

## **Tommy Sanders**

Owner  
EMS Superstore

## **Troy Holder**

Regional Operations  
Supervisor  
Life Force

## **Marcus Lindsey**

Account Executive  
Air Life

# REGION 1 COUNCIL

## **Bartow**

**Dwayne Jamison**  
Chief  
Bartow County Fire

## **Mike Ellington**

Safety Consultant  
MetroAtlanta Ambulance

## **Catoosa**

**Steve Quinn**  
Director  
Catoosa County EMA/ 911

## **Brad Buchanan**

Training Officer  
Catoosa County Fire

## **Chattooga**

**Herbert Dodd**  
Captain  
Atrium Health Floyd EMS

## **Pamela Vaughn**

Director  
Chattooga County EMA

## **Cherokee**

**Nate Sullivan**  
EMS Chief  
Cherokee County Fire/  
EMS

## **Kristi Wiggington**

Instructor  
Cherokee County Fire/  
EMS

## **Dade**

**Dennis Kelly**  
Supervisor/ EMS Education  
Puckett EMS

## **Alex Case**

EMA Director  
Dade County EMA

## **Fannin**

**Becky Huffman**  
EMS Chief  
Fannin County Fire/ EMS

## **Robert Graham**

EMA Director  
Fannin County EMA

## **Floyd**

**Dan Sweitzer**  
VP-Retired  
Atrium Health

## **Kenneth Metteauer**

CFO  
AdventHealth Redmond

## **Gilmer**

**Terence Evans**  
Instructor  
Gilmer County Fire/EMS

## **Mike Schminky**

Paramedic  
Gilmer County Fire/EMS

## **Gordon**

**Bud Owens**  
Executive Leader, Atrium  
Health EMS Markets  
Atrium Health

## **Cortney Taylor**

EMA Director  
Gordon County EMA

## **Haralson**

**Jason Hurley**  
Chief  
Bremen Fire

## **Mitch Golden**

Director  
Ambucare EMS

## **Murray**

**Mike Etheridge**  
EMS Director  
AdventHealth

## **Doug Douthitt**

Director  
AdventHealth Murray EMS

## **Paulding**

**Tim King**  
EMS Chief  
Paulding Co Fire

## **Lisa Lewis**

Instructor  
Paulding Co Fire

## **Pickens**

**Beth Feininger**  
Training Officer  
Pickens County Fire/ EMS

## **Sloan Elrod**

Public Safety Director  
Pickens County

## **Polk**

**Connor Hooper**  
Commissioner  
Polk County

## **Marty Robinson**

EMS Director  
AdventHealth Redmond  
EMS

## **Walker**

**Blake Hodge**  
Chief  
Walker County EMA/911

## **Curtis Creekmur**

Deputy Director  
Walker County EMA/911

## **Whitfield**

**Edward O'Brien**  
Chief  
Whitfield County Fire

## **Wendy Saylor**

Deputy Director  
Gordon County EMA

## **At-Large**

**John Pope**  
Trauma Coordinator  
Piedmont Cartersville  
Medical Center

## **Scott Stephens**

Region 1 RTAC  
Coordinator  
Gilmer Co Safe Kids/  
EMSC/ RTAC

## **Teresa Hale**

Cardiac RN  
WellStar – Paulding

## **Sara Trojanowski**

Clinical Coordinator  
Northside Cherokee

## **Greg Goedert**

EMS Training Captain  
Atrium Floyd

## **Ron Buchheit**

Medical Director  
Erlanger Health Systems/  
R1 MD

## **Heather Clement**

ED Director  
Piedmont Cartersville  
Medical Center

## **Will Pitt**

Paramedic

## **Tommy Sanders**

Owner  
EMS Superstore

## **Troy Holder**

Regional Operations  
Supervisor  
Life Force

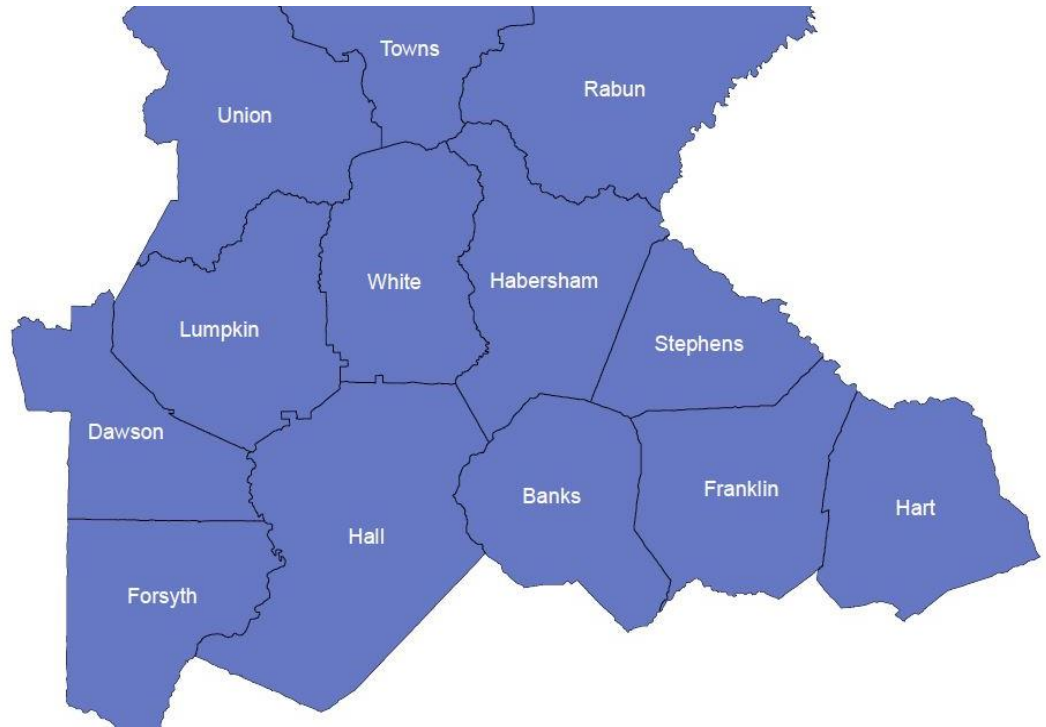
# REGION 2

**Total Area:**  
3,568 square miles

**Total Population:**  
2021-756,702  
2022- 774,842

**Population by County:**

	<u>2021</u>	<u>2022</u>
Union	25,521	26,388
Lumpkin	34,278	34,796
Dawson	28,497	30,138
Forsyth	260,206	267,237
Towns	12,875	12,972
White	28,442	28,806
Hall	207,369	212,692
Rabun	17,119	17,206
Habersham	46,774	47,475
Banks	18,562	19,328
Stephens	26,865	26,767
Franklin	23,785	24,128
Hart	26,409	26,909



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. Despite being part of the same region, the counties within Region 2 exhibit notable diversity. While the northern counties are characterized by their rural landscapes, featuring parks, forests, and farmland, the southern counties are marked by extensive areas of urban development. The region has ten (10) acute care hospitals including a Level 1 Trauma Center, five (5) designated Cardiac Care Centers and six (6) designated stroke centers.

Each day, pre-hospital providers in region 2 confront the task of meeting the demands for top-quality patient care, all while contending with challenges like rugged mountain terrain, traffic congestion, and the ongoing expansion of the population across the diverse areas within the thirteen-county region.

# REGION 2

	2021	2022
<b>Total EMS Agencies *</b>	29	28
Medical First Responder (MFR)	7	7
Ground Ambulances	27	26
Neonatal	0	0
Air Ambulance	0	0
<b>Total EMS Vehicles</b>	292	264
MFR (non-transport vehicles)	72	63
Ground Ambulances	220	201
Neonatal	0	0
Air Ambulance	0	0
<b>Total EMS Providers</b>	N/A	2,099
EMT-R	N/A	28
EMT	N/A	336
EMT-I	N/A	458
AEMT	N/A	517
Cardiac Tech	N/A	0
Paramedic	N/A	760
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	128	71
EMT-R	0	0
EMT	22	27
EMT-I	45	9
AEMT	8	23
Cardiac Tech	0	0
Paramedic	53	12

\* The breakdown of Total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 2

	2021	2022
<b>Total Responses</b>	180,128	186,719
Medical First Responder (MFR)	16,703	15,465
Ground Ambulance	163,413	171,252
Neonatal	0	0
Air Ambulance	12	2
<b>Total 911 Responses</b>	92,123	95,896
Medical First Responder (MFR)	16,703	15,465
Ground Ambulance	75,410	80,430
Air Ambulance	10	1
<b>Average 911 Response Time (In Minutes)</b>	13.72	13.69
Medical First Responder (MFR)	10.78	11.35
Ground Ambulance	32.68	28.03
Air Ambulance	3.62	6.37
<b>Total Interfacility/Transfer Responses</b>	88,005	90,823
Ground Ambulance	88,003	90,822
Neonatal	0	0
Air Ambulance	2	1
<b>Total Transports</b>	133,553	137,840
Ground Ambulance	133,546	137,838
Neonatal	0	0
Air Ambulance	7	2
<b>Type of Service Requested</b>		
911 Response (Scene)	87,087	89,234
Intercept	466	416
Interfacility Transport	19,216	21,137
Medical Transport	69,775	69,730
Mutual Aid	138	92
Public Assistance/Other Not Listed	3240	5,875
Standby	192	221
<b>Primary Clinical Area</b>		
Medical	112,745	113,696
Psych	4,605	4,797
Trauma (major and minor)	10,130	10,573
Cardiac (includes all etiologies)	8,399	8,008
Stroke (includes all etiologies)	1,601	1,675

# REGION 2 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	12	15
<b>Total EMS Education Courses</b>	27	34
EMR	4	8
EMT	13	14
AEMT	9	10
Paramedic	2	3
<b>Total EMS Education Enrollment</b>	450	522
EMR	62	131
EMT	228	207
AEMT	138	130
Paramedic	33	65
<b>Total EMS Education Attrition</b>	54	105
EMR	1	4
EMT	33	58
AEMT	10	15
Paramedic	13	26
<b>Total Number of Instructors</b>	N/A	72
EMS Instructor	N/A	29
Instructor/Coordinator EMT	N/A	1
Instructor/Coordinator AEMT	N/A	18
Instructor/Coordinator Paramedic	N/A	19
Instructor with PMDC Endorsement	N/A	5

# REGION 2 COUNCIL

## **Banks**

### **Steve Nichols**

Fire Chief/EMA Director  
Banks County Fire/EMS

### **Andy Booth**

Training Officer  
Banks County Fire/EMS

## **Dawson**

### **Danny Thompson**

Fire Chief /EMA Director  
Dawson County Emergency  
Services

### **Robby Lee**

Div. Chief of EMS &  
Administration Dawson  
County Emergency Services

## **Forsyth**

### **Rick Hamilton**

EMS Coordinator  
Forsyth County Fire  
Department

### **Jason Shivers**

Division Chief of Technical  
Services  
Forsyth County Fire  
Department

## **Franklin**

### **Terry Harris**

EMS Director  
Franklin County EMS

### **Brandon Gibson**

Shift Captain  
Franklin County EMS

## **Habersham**

### **Barry Church**

Retired

### **Michael Gosnell**

Paramedic

## **Hall**

### **Christy Grice**

EMS Division Chief  
Hall County Fire Services

### **Mark Arnold**

Deputy Fire Chief  
Hall County Fire Services

## **Hart**

### **Terrell Partain**

County Manager/EMA  
Director  
Hart County Board of  
Commissioners / County  
Manager

### **Mike Adams**

EMS Director  
Hart County EMS

## **Lumpkin**

### **David Wimpy**

Fire Chief/EMA Director  
Lumpkin County Emergency  
Services

### **Lorraine Morris**

Deputy Director of EMA  
Lumpkin County Emergency  
Services

## **Rabun**

### **Mike Carnes**

EMS/911 Director  
Rabun County EMS

### **Trampes Stancil**

Captain  
Rabun County EMS

## **Stephens**

### **Aaron Wilkinson**

Paramedic Supervisor  
Stephens County EMS

### **Chris Stephens**

EMS Director  
Stephens County EMS

## **Towns**

### **Ken Nicholson**

EMS Director

### **Greg Taylor**

Paramedic  
Towns County EMS

## **Union**

### **Wesley Rogers**

EMS Director  
Union General EMS

### **David Mullins**

Assistant EMS Director  
Union General EMS

## **White**

### **Bill Scandrett**

EMS Director  
NGHS/White Co EMS

### **David Murphy**

Director of Public Safety  
White County Public Safety

## **At-Large**

### **Randall Townley**

Retired

### **Jay Chastain**

Paramedic  
Towns County EMS

### **Chad Black**

Chief of Emergency Services  
Habersham County ES

### **Sam Stone**

Instructor  
Retired

### **Kyle Powers**

Stroke System Coordinator  
NGHS - Stroke / Cardiac  
Services

### **Jesse Gibson**

Trauma Program Director  
NGHS-Trauma Service

### **Jennifer Williamson**

Stroke Coordinator  
Northside Hospital Forsyth

### **Tammy Jones**

Lieutenant  
Rabun County EMS

### **Dr. Katie McKinney**

OB Systems of Care  
Stephens County Hospital

### **Dr. Kristen Halligan**

Regional EMS Director  
GEDS

### **Gene Jones**

Regional Clinical Coordinator  
Air Life Georgia

### **Don Strength**

Area 1 Field Coordinator  
GEMA

### **Eric Stover**

City of Gainesville Fire

### **Matthew Crumpton**

Emergency Preparedness  
Manager  
NGHS

### **David Kimbrell**

Support Services Manager  
AmeriMed EMS

### **Dixon Marlow**

CEO  
AmeriMed EMS LLC

### **Deidra Moore**

911 Director  
Banks County EMA/911

### **David Shanks**

Homeland Security  
Coordinator  
GEMA/Homeland Security

# REGION 2 COUNCIL

## **Banks**

**Steve Nichols**  
Fire Chief/EMA  
Director  
Banks County  
Fire/EMS

**Keith Freeman**  
Training Officer  
Banks County  
Fire/EMS

## **Dawson**

**Danny Thompson**  
Fire Chief /EMA  
Director  
Dawson County  
Emergency Services

## **Robby Lee**

Div. Chief of EMS &  
Administration  
Dawson County  
Emergency Services

## **Forsyth**

**Rick Hamilton**  
EMS Coordinator  
Forsyth County Fire  
Department

## **Jason Shivers**

Division Chief of  
Technical Services  
Forsyth County Fire  
Department

## **Franklin**

**Terry Harris**  
EMS Director  
Franklin County EMS

## **Brandon Gibson**

Shift Captain  
Franklin County EMS

## **Habersham**

**Barry Church**  
Retired

## **Jeff Adams**

Chief of Emergency  
Services  
Habersham County  
Emergency Services

## **Hall**

**Christy Grice**  
EMS Division Chief  
Hall County Fire  
Services

## **Mark Arnold**

Retired  
Hall County Fire  
Services

## **Hart**

**Terrell Partain**  
County Manager/EMA  
Director  
Hart County Board of  
Commissioners /  
County Manager

## **Mike Adams**

EMS Director  
Hart County EMS

## **Lumpkin**

**David Wimpy**  
Fire Chief/EMA  
Director  
Lumpkin County  
Emergency Services

## **Lorraine Morris**

Deputy Director of  
EMA Lumpkin County  
Emergency Services

## **Rabun**

**Mike Carnes**  
EMS/911 Director  
Rabun County EMS

## **Trampes Stancil**

Council Chair  
Captain  
Rabun County EMS

## **Stephens**

**Aaron Wilkinson**  
Paramedic Supervisor  
Stephens County EMS

## **Chris Stephens**

EMS Director  
Stephens County EMS

## **Towns**

**Ken Nicholson**  
EMS Director  
Towns County EMS

## **Greg Taylor**

Paramedic  
Towns County EMS  
Life Force - Erlanger

## **Union**

**Wesley Rogers**  
EMS Director  
Union General EMS

## **David Mullins**

Assistant EMS  
Director  
Union General EMS

## **White**

**Bill Scandrett**  
EMS Director  
NGHS/White Co EMS

## **David Murphy**

Director of Public  
Safety  
White County Public  
Safety

## **At-Large**

**Randall Townley**  
Retired

## **Jay Chastain**

Paramedic  
Towns County EMS

## **Scott Masters**

EMS Director  
NGHS

## **Sam Stone**

Instructor  
Retired

## **James Lord**

Division Chief / EMS  
Lumpkin County  
Emergency Services

## **Tinnelle Davey**

Stroke Coordinator  
Habersham Medical  
Center

## **Tammy Jones**

Lieutenant  
Rabun County EMS

## **Dr. Kristen Halligan**

Regional Medical  
Director  
GEDS/Contract with  
NGHS

## **Gene Jones**

Regional Clinical  
Coordinator  
Air Life Georgia

## **Don Strength**

Area 1 Field  
Coordinator  
GEMA

## **Eric Stover**

Training &  
Professional  
Development Chief  
City of Gainesville Fire

## **Matthew Crumpton**

Emergency  
Preparedness  
Manager  
NGHS

## **David Kimbrell**

Support Services  
Manager  
AmeriMed EMS

## **Dixon Marlow**

CEO  
AmeriMed EMS LLC

## **Deidra Moore**

911 Director  
Banks County  
EMA/911

## **David Shanks**

Homeland Security  
Coordinator  
GEMA/Homeland  
Security

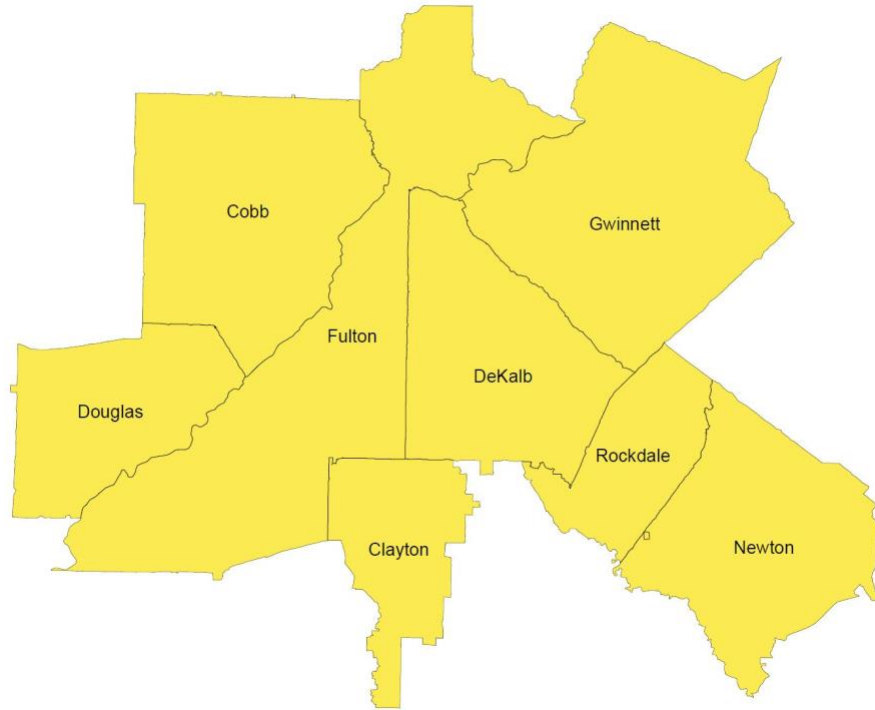
## **Brandon Carey**

ECC System  
Coordinator  
Northside Hospital

## **Jesse Gibson**

Trauma Program  
Director  
NGHS

# REGION 3



**Total Area:**  
2,343 square miles

**Total Population:**  
2021- 4,205,902  
2022- 4,239,814

**Population by County:**

	2021	2022
Cobb	766,802	771,952
Douglas	145,814	147,316
Fulton	1,062,531	1,074,634
DeKalb	759,231	762,820
Gwinnett	965,145	975,353
Clayton	297,100	296,564
Rockdale	93,961	93,554
Newton	115,318	117,621

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 has 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.

The region has twenty-five (25) acute care hospitals with five (5) adult and two (2) pediatric designated trauma centers, as well as one (1) verified burn center and one (1) non-verified burn center, twelve (12) designated cardiac centers and twenty-one (21) designated stroke centers.

# REGION 3

	2021	2022
<b>Total EMS Agencies *</b>	123	118
Medical First Responder (MFR)	36	35
Ground Ambulances	96	92
Neonatal	4	4
Air Ambulance	1	1
<b>Total EMS Vehicles</b>	1,495	1,466
MFR (non-transport vehicles)	554	570
Ground Ambulances	938	893
Neonatal	1	1
Air Ambulance	2	2
<b>Total EMS Providers- Active</b>	N/A	6,087
EMT-R	N/A	86
EMT	N/A	1,684
EMT-I	N/A	1,136
AEMT	N/A	1,448
Cardiac Tech	N/A	2
Paramedic	N/A	1,731
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	444	307
EMT-R	0	0
EMT	107	151
EMT-I	142	9
AEMT	72	98
Cardiac Tech	1	0
Paramedic	122	49

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 3

	2021	2022
<b>Total Responses</b>	1,366,040	1,291,897
Medical First Responder (MFR)	311,829	311,192
Ground Ambulance	1,051,765	978,202
Neonatal	2,069	2,010
Air Ambulance	377	493
<b>Total 911 Responses</b>	943,401	908,583
Medical First Responder (MFR)	324,904	311,192
Ground Ambulance	618,378	597,323
Air Ambulance	119	68
<b>Average 911 Response Time (In Minutes)</b>	21.44	14.14
Medical First Responder (MFR)	19.90	11.27
Ground Ambulance	24.14	15.52
Air Ambulance	20.46	19.27
<b>Total Interfacility/Transfer Responses</b>	422,639	383,314
Ground Ambulance	420,401	380,879
Neonatal	2,069	2,010
Air Ambulance	169	425
<b>Total Transports</b>	763,144	708,686
Ground Ambulance	760,871	706,664
Neonatal	2,066	1,595
Air Ambulance	207	427
<b>Type of Service Requested</b>		
911 Response (Scene)	928,941	898,530
Intercept	343	236
Interfacility Transport	66,568	58,900
Medical Transport	356,348	324,865
Mutual Aid	1,042	1,770
Public Assistance/Other Not Listed	11,281	6,290
Standby	1,435	1,205
<b>Primary Clinical Area</b>		
Medical	737,649	689,667
Psych (major and minor)	48,138	43,519
Trauma (major and minor)	73,631	72,433
Cardiac (includes all etiologies)	46,014	39,916
Stroke (includes all etiologies)	8,227	7,873

# REGION 3 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	32	34
<b>Total EMS Education Courses</b>	130	140
EMR	17	34
EMT	70	66
AEMT	36	35
Paramedic	9	7
<b>Total EMS Education Enrollment</b>	1,844	2,155
EMR	192	367
EMT	1,059	1,100
AEMT	500	576
Paramedic	128	149
<b>Total EMS Education Attrition</b>	384	555
EMR	41	104
EMT	221	270
AEMT	96	134
Paramedic	29	35
<b>Total Number of Instructors</b>	N/A	108
EMS Instructor	N/A	35
Instructor/Coordinator EMT	N/A	3
Instructor/Coordinator AEMT	N/A	26
Instructor/Coordinator Paramedic	N/A	39
Instructor with PMDC Endorsement	N/A	5

# REGION 3 COUNCIL

## **Clayton**

### **Rich Elliott**

Clayton Fire-EMS

## **Landry Merkison**

Clayton Fire-EMS

## **Cobb**

### **Nick Adams**

Cobb County Fire & EMS

## **Eric Nix, M.D.**

Medical Director

Cobb County Fire & EMS

## **Thomas Bates**

Smyrna Fire

## **Pete Quinones**

Metro Atlanta Ambulance

## **Dekalb**

### **Darnell Fullum**

DeKalb County Fire Rescue

## **Sam Shartar**

DeKalb County

## **Douglas**

### **Pablo Lugo**

Douglas County Fire

## **Fulton**

### **Ricky Burnette**

City of Roswell

## **Michael Charles**

Consumer

## **Bill Compton**

Grady EMS

## **Jimmy Gittens**

City of Atlanta Fire

## **Matt Kallmyer**

Fulton County EMA

## **Steve Moyers**

Grady EMS

## **Gwinnett**

### **Russell Knick**

Gwinnett County Fire/EMS

## **Patrick McDougal, M.D.**

Medical Director

Gwinnett County Fire/EMS

## **Greg Swanson**

Gwinnett EMA

## **Jekerry Weaver**

Gwinnett County Fire/EMS

## **Newton**

### **Carli Cuendet**

Newton Medical Center EMS

## **Rockdale**

### **Benny Atkins**

National EMS

## **At Large**

### **John Harvey, M.D.**

Trauma Specialty

## **Jenaila Hawkins**

Emer Preparedness Specialty

(Cobb)

## **Bernard Hicks**

Emer Preparedness Specialty

(DeKalb)

# REGION 3 COUNCIL

## Clayton

### Rich Elliott

Clayton County Fire & Emergency Services

### Dr. Mark Waterman

Clayton County Fire & Emergency Services

### Dr. Eric Nix

WellStar Kennestone

## Cobb

### Nick Adams

Cobb County Fire

### Thomas Bates

City of Smyrna Fire

### Pete Quinones

MetroAtlanta Ambulance Service

## DeKalb

### Dr. Michael Carr

Emory Healthcare System

### Darnell Fullum

DeKalb County Fire Rescue

### Sam Shartar

Emory Healthcare System

## Douglas

### Stacie Farmer

Douglas County Fire

## Fulton

### Henry Argo

City of Palmetto Fire

## Michael Charles

Consumer Fulton County

## Chris Coons

Johns Creek Fire Department

## Matt Kallmyer

Fulton County EMA

## Steve Moyers

Grady EMS

## Roderick Smith

Atlanta Fire Rescue

## Gwinnett

### Fred Cephas

Gwinnett County Fire & Emergency Services

### Russell Knick

Gwinnett County Fire & Emergency Services

### Dr. Patrick McDougal

Gwinnett County Fire & Emergency Services

### Greg Swanson

Gwinnett County Fire & Emergency Services

### Jekerry Weaver

Gwinnett County Fire & Emergency Services

## Newton

### Michael Conner

Newton County Fire

## Rockdale

### Marian McDaniel

Rockdale County Fire

## At Large

### Trent Baker

Clayton County Fire & Emergency Services

### Dr. Elizabeth Benjamin

Grady Healthcare System

### Patrick Flaherty

Sandy Springs Fire Department

### Jason Grady

Northside Healthcare System

### Dr. John Harvey

Retired

Northside Healthcare System

### Jenaila Hawkins

Healthcare Coalition

District 3 Preparedness

### Gene Jones

Air Methods

### Jennifer Jones

WellStar Kennestone

### Rana Roberts

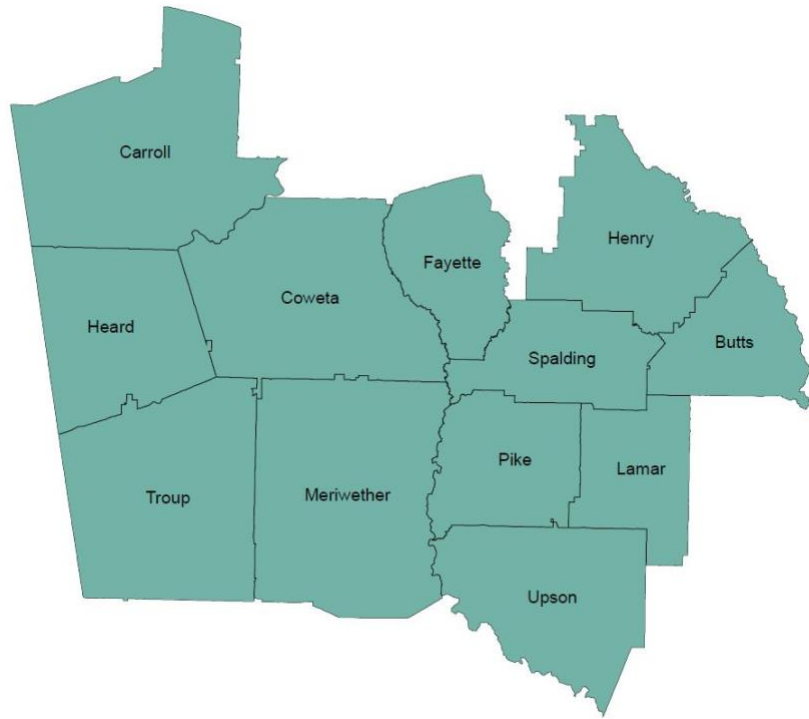
Childrens Healthcare of Atlanta

### Lori Wood

Healthcare Coalition D

Grady Healthcare System

# REGION 4



**Total Area:**  
3,568 square miles

**Total Population:**  
2021- 898,860  
2022- 913,740

**Population by County:**

	<u>2021</u>	<u>2022</u>
Carroll	121,592	124,592
Heard	11,529	11,725
Troup	69,479	70,191
Coweta	149,925	152,882
Meriwether	20,715	20,845
Fayette	120,681	122,030
Spalding	67,699	68,919
Pike	19,534	19,990
Lamar	18,684	19,467
Henry	245,235	248,364
Butts	26,114	26,649
Upson	27,673	28,086

Region 4 is located in the northwestern midsection of the state and consist 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. The region has ten (10) acute care hospitals, with three (3) designated trauma centers, three (3) designated cardiac centers, and eight (8) designated stroke centers.

This region is home to NASCAR’s Atlanta Motor Speedway, Trilith Studios, and Luxottica (a large eyewear manufacturing company), among other large industries and companies.

# REGION 4

	2021	2022
<b>Total EMS Agencies *</b>	48	46
Medical First Responder (MFR)	14	15
Ground Ambulances	42	40
Neonatal	0	0
Air Ambulance	1	1
<b>Total EMS Vehicles</b>	314	333
MFR (non-transport vehicles)	117	112
Ground Ambulances	180	204
Neonatal	0	0
Air Ambulance	17	17
<b>Total EMS Providers- Active</b>	N/A	3,247
EMT-R	N/A	23
EMT	N/A	631
EMT-I	N/A	711
AEMT	N/A	754
Cardiac Tech	N/A	3
Paramedic	N/A	1,125
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	254	108
EMT-R	0	0
EMT	38	42
EMT-I	97	11
AEMT	45	25
Cardiac Tech	1	0
Paramedic	73	30

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 4

	2021	2022
<b>Total Responses</b>	229,600	220,140
Medical First Responder (MFR)	34,638	34,338
Ground Ambulance	191,418	181,665
Neonatal	0	0
Air Ambulance	3,544	4,137
<b>Total 911 Responses</b>	147,370	147,802
Medical First Responder (MFR)	33,104	34,338
Ground Ambulance	112,731	111,548
Air Ambulance	1,535	1,916
<b>Average 911 Response Time (In Minutes)</b>	12.28	14.90
Medical First Responder (MFR)	10.13	10.04
Ground Ambulance	15.95	15.16
Air Ambulance	14.74	28.94
<b>Total Interfacility/Transfer Responses</b>	82,230	72,338
Ground Ambulance	80,225	70,132
Neonatal	0	0
Air Ambulance	2,005	2,206
<b>Total Transports</b>	150,639	140,181
Ground Ambulance	147,139	136,096
Neonatal	0	0
Air Ambulance	3500	4,085
<b>Type of Service Requested</b>		
911 Response (Scene)	146,705	148,672
Intercept	16	15
Interfacility Transport	10,704	12,544
Medical Transport	71,556	58,326
Mutual Aid	102	82
Public Assistance/Other Not Listed	359	410
Standby	135	81
<b>Primary Clinical Area</b>		
Medical	154,962	152,084
Psych	7,461	7,671
Trauma (major and minor)	12,772	13,449
Cardiac (includes all etiologies)	10,770	9,265
Stroke (includes all etiologies)	2,111	2,165

# REGION 4 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	20	22
<b>Total EMS Education Courses</b>	64	82
EMR	5	7
EMT	31	42
AEMT	19	24
Paramedic	10	10
<b>Total EMS Education Enrollment</b>	1,202	1,333
EMR	134	135
EMT	632	760
AEMT	224	251
Paramedic	231	201
<b>Total EMS Education Attrition</b>	448	613
EMR	32	16
EMT	285	399
AEMT	52	102
Paramedic	84	107
<b>Total Number of Instructors</b>	N/A	127
EMS Instructor	N/A	39
Instructor/Coordinator EMT	N/A	0
Instructor/Coordinator AEMT	N/A	32
Instructor/Coordinator Paramedic	N/A	49
Instructor with PMDC Endorsement	N/A	7

# REGION 4 COUNCIL

<b>Butts</b> <b>Randy Prince</b> Assistant Chief Butts County Fire Department	First Lieutenant Newnan Fire Department	Peachtree City Fire Rescue	Meriwether County Fire and Rescue	Troup County Fire Department
<b>Mike Wilson</b> Fire Chief Butts County Fire Department	<b>Fayette</b> <b>Steve Folden</b> Assistant Chief EMS Director Fayette County Department of Fire & Emergency Services	<b>Heard</b> <b>Jim Short</b> Fire Chief Heard County Emergency Services	<b>Pike</b> <b>Jim Totten</b> EMA Director Pike County EMA	<b>Upson</b> <b>Martha Anne McCarty</b> EMA Director Thomaston-Upson County
<b>Carroll</b> <b>Shane Bell</b> EMS Director West Georgia Ambulance	<b>Jeff Hill</b> Fire Chief Fayette County Department of Fire & Emergency Services	<b>Tom Salls Jr.</b> Battalion Chief Heard County Emergency Services	<b>Michael Singleton</b> Deputy EMA Director Fayette County Department of Fire & Emergency Services	<b>Jason Tinsley</b> County Manager Upson County Government
<b>Jimmy Bearden</b> Fire Chief City of Carrollton Fire Department	<b>Michael Singleton</b> Deputy EMA Director Fayette County Department of Fire & Emergency Services	<b>Henry</b> <b>Stacey Ponder</b> Deputy Chief Henry County Fire	<b>Spalding</b> <b>Glen Polk</b> Fire Chief Administration / Emergency Management Spalding County Fire	<b>Jeffery Tarrant</b> Chief Executive Officer Upson Regional Medical Center
<b>Nic Turner</b> Fire Marshal Carroll County Fire Rescue	<b>Spalding</b> <b>Glen Polk</b> Fire Chief Administration / Emergency Management Spalding County Fire Department	<b>Sam Polk</b> Lieutenant- Training Division Henry County Fire	<b>Matthew Perry</b> EMS Director WellStar Spalding Regional	<b>At Large</b> <b>Thomas Woodruff</b> President Faithful Guardian Training Center
<b>Gary Thomas</b> Vice President Campus and Support Services Tanner Health System	<b>Matthew Perry</b> EMS Director WellStar Spalding Regional Hospital	<b>Billy Petite</b> Assistant Chief of EMS Operations Henry County Fire	<b>Ricardo McCrary</b> 911 Director Spalding County 911	<b>Chris Hunter</b> Operations Manager/ Division Chief AMR
<b>Coweta</b> <b>Jennifer Weatherby</b> Training and Compliance Officer Coweta County Fire Rescue	<b>Ricardo McCrary</b> 911 Director Spalding County 911	<b>Jonathan Burnette</b> Fire Chief Henry County Fire	<b>John Hamilton</b> Fire Chief Griffin Fire Rescue	<b>Shane Owens</b> Area Manager Air Life Georgia/ Air Methods/ LifeStar
<b>Brian Beckworth</b> EMS Division Chief Coweta County Fire Rescue	<b>John Hamilton</b> Fire Chief Griffin Fire Rescue	<b>Lamar</b> <b>Douglas Matthews</b> Fire Chief Lamar County Fire and Rescue	<b>Troup</b> <b>Mitt Smith</b> Fire Chief/ 911 Director West Point Fire Department	<b>Laquinta Grizzard</b> Vice President of Cardiovascular Services Tanner Health System
<b>Michael Terrell</b> 911/ EMA Director Coweta County	<b>Kevin Baggett</b> Assistant Fire Chief Peachtree City Fire Rescue	<b>Robert Cox MD</b> Emergency Physician ApolloMD	<b>Jason Lawson</b> E-911 Director Troup County E-911	
<b>Josh Whitley</b>	<b>Chad Matheny</b> Battalion Chief	<b>Meriwether</b> <b>Danny Stephens</b> Fire Chief Meriwether County Fire and Rescue	<b>Garrett Brubaker</b> Division Chief Lagrange Fire Department <b>John Ekatis</b> Fire Chief	

# REGION 4 COUNCIL

- Butts**  
**Randy Prince**  
Assistant Chief  
Butts County Fire
- Mike Wilson**  
Fire Chief  
Butts County Fire
- Carroll**  
**Shane Bell**  
EMS Director  
West Georgia  
Ambulance
- Allen English**  
Fire Chief  
Carrollton Fire
- Chuck Barnwell**  
Fire Chief  
Carroll County Fire  
Rescue
- Gary Thomas**  
Vice President,  
Campus and Support  
Services  
Tanner Health System
- Coweta**  
**Jay Lunstead**  
Battalion Chief  
Coweta County Fire  
Rescue
- Brian Beckworth**  
EMS Division Chief  
Coweta County Fire  
Rescue
- Michael Terrell**  
911/ EMA Director  
Coweta County
- Jennifer Weatherby**  
Training and  
Compliance Officer  
Coweta County
- Fayette**  
**Scott Roberts**  
Assistant Chief  
Fayette County  
Department of Fire &  
Emergency Services
- Jeff Hill**  
Fire Chief  
Fayette County  
Department of Fire &  
Emergency Services
- Kevin Baggett**  
Assistant Fire Chief  
Peachtree City Fire  
Rescue
- David Winkles**  
Operations Officer  
Peachtree City Fire  
Rescue
- Heard**  
**Donald Cofer**  
Deputy Fire Chief  
Heard County  
Emergency Services
- Tom Salls Jr.**  
Battalion Chief  
Heard County  
Emergency Services
- Henry**  
**Stacey Ponder**  
Deputy Chief  
Henry County Fire  
Rescue
- Sam Polk**  
Lieutenant- Training  
Division  
Henry County Fire  
Rescue
- Billy Petite**  
Assistant Chief of EMS  
Operations  
Henry County Fire  
Rescue
- Jonathan Burnette**  
Fire Chief  
Henry County Fire  
Rescue
- Lamar**  
**Douglas Matthews**  
Fire Chief  
Lamar County Fire  
and Rescue
- Robert Cox MD**  
Emergency Physician  
ApolloMD
- Meriwether**  
**Danny Stephens**  
Fire Chief  
Meriwether County  
Fire and Rescue
- Robert Etheredge**  
Captain  
Meriwether County  
Fire and Rescue
- Pike**  
**Brittaney Hammond**  
Paramedic  
Pike County Fire  
Department
- William Jody Salter**  
Nurse Technician  
Upton Regional  
Medical Center
- Spalding**  
**Glen Polk**  
Fire Chief  
Spalding County Fire
- Matthew Perry**  
EMS Director  
WellStar Spalding  
Regional Hospital
- Ricardo McCrary**  
911 Director  
Spalding County 911
- John Hamilton**  
Fire Chief  
Griffin Fire Rescue
- Troup**  
**Michale Strickland**  
Fire Chief  
Troup County Fire
- Michael Derick**  
**Staley**  
Fire Chief/ 911  
Director  
West Point Fire
- Shannan McLaughlin**  
E-911 Director  
Troup County E-911
- Garrett Brubaker**  
Division Chief  
Lagrange Fire
- Upton**  
**Martha Anne**  
**McCarty**  
EMA Director  
Thomaston-Upton  
County
- Jason Tinsley**  
County Manager  
Upton County  
Government
- Jeffery Tarrant**  
Chief Executive Officer  
Upton Regional  
Medical Center
- At Large**  
**Thomas Woodruff**  
President  
Faithful Guardian  
Training Center
- Chris Hunter**  
Operations Manager/  
Division Chief  
AMR
- Frank Polombo**  
Program Director  
Air Evac Lifeteam
- Laquinta Grizzard**  
Vice President of  
Cardiovascular  
Services  
Tanner Health System
- Rachel Hand**  
Manager, Trauma  
Program (III & IV)  
WellStar West  
Georgia Medical
- Stephen Goux**  
Trauma Education and  
EMS Outreach  
Coordinator  
Children's Healthcare  
of Atlanta
- Joani McElroy**  
Clinical Nurse  
Manager, Labor &  
Delivery  
Piedmont Healthcare

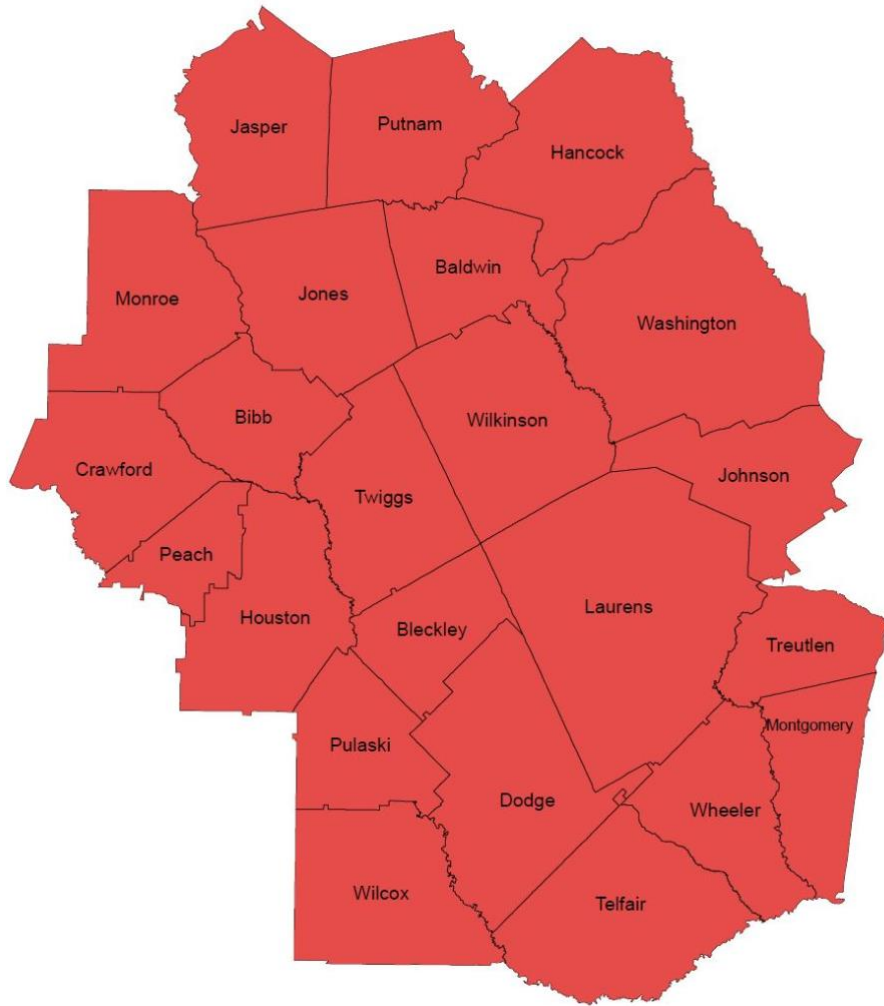
# REGION 5

**Total Area:**  
8,560 square miles

**Total Population:**  
2021- 691,289  
2022- 695,879

**Population by County:**

	<u>2021</u>	<u>2022</u>
Jasper	15,259	15,951
Monroe	28,729	29,427
Crawford	12,139	12,140
Peach	28,245	28,562
Houston	167,156	169,631
Twiggs	7,899	7,680
Bibb	155,985	156,197
Jones	28,409	28,472
Putnam	22,643	22,984
Baldwin	43,671	43,635
Wilkinson	8,791	8,681
Washington	19,766	19,738
Hancock	8,664	8,387
Bleckley	12,255	12,257
Pulaski	9,582	9,984
Wilcox	8,746	8,761
Dodge	19,675	19,675
Telfair	12,330	12,354
Wheeler	7,748	7,314
Laurens	49,527	49,660
Montgomery	8,654	8,655
Treutlen	6,382	6,365
Johnson	9,034	9,242



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. The region is comprised of mostly farmland and rural counties but does include the suburban cities of Macon-Bibb and Warner Robins. Region 5 has seventeen (17) acute care hospitals, with two (2) designated trauma centers, five (5) designated cardiac centers, and six (6) designated stroke centers.

Region 5 is home to the Georgia National Fair, hosted annually in Perry at the Georgia National Fairgrounds & Agricenter; Robins Air Force Base, the largest industrial complex in Georgia; the Museum of Aviation, the second largest aerospace museum of the U.S. Air Force and the musical mecca of Macon, that includes the Big House of the Allman Brothers Band to the birthplace of Little Richard and Jason Aldean.

# REGION 5

	2021	2022
<b>Total EMS Agencies *</b>	38	40
Medical First Responder (MFR)	1	2
Ground Ambulances	38	39
Neonatal	1	1
Air Ambulance	0	0
<b>Total EMS Vehicles</b>	281	290
MFR (non-transport vehicles)	1	13
Ground Ambulances	277	274
Neonatal	3	3
Air Ambulance	0	0
<b>Total EMS Providers- Active</b>	N/A	1,579
EMT-R	N/A	22
EMT	N/A	515
EMT-I	N/A	295
AEMT	N/A	208
Cardiac Tech	N/A	3
Paramedic	N/A	536
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	129	62
EMT-R	0	0
EMT	37	39
EMT-I	45	4
AEMT	10	12
Cardiac Tech	0	0
Paramedic	37	7

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 5

	2021	2022
<b>Total Responses</b>	241,007	216,237
Medical First Responder (MFR)	1,857	1,718
Ground Ambulance	239,129	214,509
Neonatal	21	10
Air Ambulance	0	0
<b>Total 911 Responses</b>	132,937	125,232
Medical First Responder (MFR)	1,855	1,715
Ground Ambulance	131,080	123,514
Air Ambulance	2	3
<b>Average 911 Response Time (In Minutes)</b>	13.85	13.53
Medical First Responder (MFR)	13.61	11.65
Ground Ambulance	14.56	17.3
Air Ambulance	0	0
<b>Total Interfacility/Transfer Responses</b>	108,070	91,005
Ground Ambulance	108,049	90,995
Neonatal	21	10
Air Ambulance	0	0
<b>Total Transports</b>	187,702	170,882
Ground Ambulance	187,681	170,872
Neonatal	21	10
Air Ambulance	0	0
<b>Type of Service Requested</b>		
911 Response (Scene)	127,415	124,591
Intercept	455	516
Interfacility Transport	19,339	17,338
Medical Transport	88,959	72,608
Mutual Aid	179	125
Public Assistance/Other Not Listed	470	380
Standby	4,180	671
<b>Primary Clinical Area</b>		
Medical	168,377	165,633
Psych	8,285	8,371
Trauma (major and minor)	9,298	9,736
Cardiac (includes all etiologies)	8,558	8,519
Stroke (includes all etiologies)	1,965	2,178

# REGION 5 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	16	19
<b>Total EMS Education Courses</b>	54	43
EMR	18	8
EMT	25	21
AEMT	8	12
Paramedic	5	3
<b>Total EMS Education Enrollment</b>	618	439
EMR	149	96
EMT	337	233
AEMT	103	91
Paramedic	64	36
<b>Total EMS Education Attrition</b>	158	125
EMR	21	8
EMT	96	77
AEMT	30	29
Paramedic	16	17
<b>Total Number of Instructors</b>	N/A	75
EMS Instructor	N/A	29
Instructor/Coordinator EMT	N/A	2
Instructor/Coordinator AEMT	N/A	22
Instructor/Coordinator Paramedic	N/A	17
Instructor with PMDC Endorsement	N/A	5

# REGION 5 COUNCIL

## **Baldwin**

**Lewis Osborne**  
Retired  
Baldwin County Fire

## **Dwayne Morgan**

Retired  
Baldwin County Sheriff's  
Office

## **Bleckley**

**W.J. Bill Cheek**  
Owner & Director  
Heartland EMS

## **Crawford**

**Randall Pate**  
Fire Chief  
Crawford County Fire

## **Dodge**

**Clint Nelson**  
EMS Provider  
Dodge County EMS

## **Shannon Weston**

EMS Director  
Dodge County EMS

## **Hancock**

**John Gonzalez**  
EMS Provider/Supervisor  
Grady EMS - Hancock County

## **Houston**

**David Borghelli**  
EMS Director  
Houston Healthcare EMS

## **Mike Mathis**

Supervisor  
Houston Healthcare EMS

## **Brenda Kozar**

Supervisor  
Houston Healthcare EMS

## **Jasper**

**Jeff Soles**  
EMS Director  
Johnson County EMS

## **Jones**

**Don Graham**  
EMA/Emergency Services  
Director  
Jones County Fire Rescue

## **Thomas Coleman**

Assistant EMA/Emergency  
Services Director  
Jones County Fire Rescue

## **Laurens**

**John Mabry**  
EMS provider  
Laurens County EMS

## **Terry Cobb**

EMS Director  
Laurens County EMS

## **Macon-Bibb**

**Liana Rogers**  
EMS & Emergency  
Management Coordinator  
Coliseum Medical Center

## **Todd Dixon**

CEO  
Amerimed Mobile Integrated  
Healthcare

## **Joe Robinson**

EMS Director  
Community Ambulance  
Service

## **Marvin Riggins**

Retired  
Macon-Bibb Fire

## **Monroe**

**Matt Jackson**  
Fire Chief, EMS Director  
Monroe County Emergency  
Services

## **Jesse Suggs**

EMS Provider  
Monroe County Emergency  
Services

## **Montgomery**

**Jonathan Holland**  
EMS Provider  
Toombs-Montgomery County  
EMS

## **Peach**

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

## **Alfonzo Ford**

EMS Director  
Peach County EMS

## **Pulaski**

**Ray Britt**  
Emergency Preparedness  
Taylor Regional Hospital

## **Putnam**

**Tommy McClain**  
Fire Chief  
Putnam County Fire

## **Brad Murphey**

EMS Director  
Putnam County EMS

## **Telfair**

**Steve Thornton**  
EMS Director  
Telfair County EMS

## **Truetlen**

**Josh Love**  
EMA Director  
Truetlen County

## **Twiggs**

**Jack Wood**  
Fire Chief/EMA Director  
Twiggs County Fire

## **Washington**

**Tony Johnson**  
EMS Provider  
Washington County EMS

## **Michael Padgett**

EMS Director  
Washington County EMS

## **Wheeler**

**Selena Howell**  
EMS Director  
Wheeler County EMS

## **Wilcox**

**Charles Futch**  
EMS Director  
Wilcox County EMS

## **Wilkinson**

**Tommy Brown**  
EMS Provider  
Wilkinson County EMS

## **At Large**

**Denise Goings**  
Stroke Program Coordinator  
Atrium Health Navicent

## **Lee Oliver**

EMS Director  
Metro Atlanta Ambulance  
Service

## **Dr. Ralph Griffin**

EMS MD/ER Physician  
Community Ambulance

## **Eric Wilson**

Mayor/EMS Director  
MedPro EMS-City of Forsyth

## **Kristal Smith**

Injury Prevention/RTAC  
Atrium Health Navicent

## **Richard Ellis**

EMS/Initial Education  
Central Georgia Technical  
College

## **Allen Stokes**

EMS MD/ER Physician  
Air Evac/Atrium Health  
Navicent

# REGION 5 COUNCIL

## **Baldwin**

**Lewis Osborne**  
Fire/Rescue  
Baldwin County Fire

**John "David" Carver**  
EMS Provider  
Grady EMS - Baldwin County

## **Bleckley**

**W.J. Bill Cheek**  
Owner & Director  
Heartland EMS

## **Crawford**

**Randall Pate**  
Fire Chief  
Crawford County Fire

## **Dodge**

**Clint Nelson**  
EMS Provider  
Dodge County EMS

**Michael Johnson**  
EMS Director  
Dodge County EMS

## **Hancock**

**John Gonzalez**  
EMS Provider/Supervisor  
Grady EMS - Hancock County

## **Houston**

**David Borghelli**  
EMS Director  
Houston Healthcare EMS

**Christopher Stoner**  
Chief/EMA Director  
Houston County Fire

## **Kirk Crumpton**

Assistant Fire Chief  
Perry Fire and Emergency  
Services

## **Brenda Kozar**

Supervisor  
Houston Healthcare EMS

## **Jasper**

**Chris Finch**  
Fire Chief, EMS Director  
Jasper County Fire Rescue

## **Johnson**

**Jeff Soles**  
EMS Director  
Johnson County EMS

## **Jones**

**Don Graham**  
EMA/Emergency Services  
Director  
Jones County Fire Rescue

## **Thomas Coleman**

Assistant EMA/Emergency  
Services Director  
Jones County Fire Rescue

## **Laurens**

**Forrest Jones**  
EMS provider  
Laurens County EMS

## **Terry Cobb**

EMS Director  
Laurens County EMS

## **Macon-Bibb**

**Liana Rogers**  
EMS & Emergency  
Management Coordinator  
Piedmont Macon Medical

## **Todd Dixon**

CEO  
Amerimed Mobile Integrated  
Healthcare

## **Joe Robinson**

EMS Director  
Community Ambulance  
Service

## **Marvin Riggins**

Retired  
Macon-Bibb Fire

## **Monroe**

**Matt Jackson**  
Fire Chief, EMS Director  
Monroe County Emergency  
Services

## **Jesse Suggs**

EMS Provider  
Monroe County Emergency  
Services

## **Montgomery**

**Jonathan Holland**  
EMS Provider  
Toombs-Montgomery County  
EMS

## **Peach**

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

## **Alfonzo Ford**

EMS Director  
Peach County EMS

## **Pulaski**

**Ray Britt**  
Emergency Preparedness  
Taylor Regional Hospital

## **Putnam**

**Tommy McClain**  
Fire Chief  
Putnam County Fire

## **Brad Murphey**

EMS Director  
Putnam County EMS

## **Telfair**

**Steve Thornton**  
EMS Director  
Telfair County EMS

## **Truetlen**

**Josh Love**  
EMA Director  
Truetlen County EMA

## **Twiggs**

**Jack Wood**  
Fire Chief/EMA Director  
Twiggs County Fire

## **Washington**

**Tony Johnson**  
EMS Provider  
Washington County EMS

## **Michael Padgett**

EMS Director  
Washington County EMS

## **Wheeler**

**Selena Howell**  
EMS Director  
Wheeler County EMS

## **Wilcox**

**Charles Futch**  
EMS Director  
Wilcox County EMS

## **Wilkinson**

**Tommy Brown**  
EMS Provider  
Wilkinson County EMS

## **At Large**

**Denise Goings**  
Stroke Program Coordinator  
Atrium Health Navicent

## **Lee Oliver**

EMS Director  
Metro Atlanta Ambulance  
Service

## **Dr. Ralph Griffin**

EMS MD/ER Physician  
Community Ambulance

## **Eric Wilson**

Mayor/EMS Director  
MedPro EMS-City of Forsyth

## **Kristal Smith**

Injury Prevention/RTAC  
Atrium Health Navicent

## **Richard Ellis**

EMS/Initial Education  
Central Georgia Technical  
College

## **Allen Stokes**

EMS MD/ER Physician  
Air Evac/Atrium Health  
Navicent

# REGION 6

**Total Area:**  
5,323 square miles

**Total Population:**  
2021- 499,121  
2022- 503,203

**Population by County:**

	<u>2021</u>	<u>2022</u>
Wilkes	9,516	9,599
Taliaferro	1,560	1,600
Warren	5,214	5,155
Glascock	2,906	2,906
Jefferson	15,494	15,314
Emanuel	22,887	22,929
Jenkins	8,776	8,689
Screven	14,055	13,977
Burke	24,333	24,388
Richmond	205,358	206,640
McDuffie	21,636	21,713
Columbia	159,636	162,419
Lincoln	7,750	7,750



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 eleven (11) acute care hospitals, and includes three (3) adult and one (1) pediatric designated trauma centers, as well as one (1) verified burn center, three (2) designated cardiac centers, and four (4) designated stroke centers.

Region 6 is home to the city of Augusta, Georgia’s first state capital; the city of Louisville, Georgia’s third capital; the first established county in Georgia, Wilkes County; and the Augusta National Invitational Tournament now known as The Master’s Golf Tournament.

# REGION 6

	2021	2022
<b>Total EMS Agencies *</b>	20	21
Medical First Responder (MFR)	6	7
Ground Ambulances	15	15
Neonatal	1	1
Air Ambulance	1	1
<b>Total EMS Vehicles</b>	195	204
MFR (non-transport vehicles)	74	87
Ground Ambulances	119	114
Neonatal	1	1
Air Ambulance	1	2
<b>Total EMS Providers- Active</b>	N/A	1,267
EMT-R	N/A	11
EMT	N/A	388
EMT-I	N/A	290
AEMT	N/A	245
Cardiac Tech	N/A	2
Paramedic	N/A	331
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	119	46
EMT-R	0	0
EMT	39	29
EMT-I	44	4
AEMT	11	6
Cardiac Tech	0	0
Paramedic	25	7

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 6

	2021	2022
<b>Total Responses</b>	117,801	110,972
Medical First Responder (MFR)	20,704	26,618
Ground Ambulance	96,840	83,904
Neonatal	231	418
Air Ambulance	26	32
<b>Total 911 Responses</b>	93,497	88,318
Medical First Responder (MFR)	20,704	26,618
Ground Ambulance	72,771	61,672
Air Ambulance	22	28
<b>Average 911 Response Time (In Minutes)</b>	21.74	38.46
Medical First Responder (MFR)	11.91	38.19
Ground Ambulance	35.78	41.34
Air Ambulance	20.31	30.93
<b>Total Interfacility/Transfer Responses</b>	24,304	22,654
Ground Ambulance	24,069	22,232
Neonatal	231	418
Air Ambulance	4	4
<b>Total Transports</b>	71,019	66,459
Ground Ambulance	70,765	66,017
Neonatal	231	418
Air Ambulance	23	24
<b>Type of Service Requested</b>		
911 Response (Scene)	91,168	97,752
Intercept	604	1,186
Interfacility Transport	7,567	7,814
Medical Transport	16,929	15,182
Mutual Aid	929	383
Public Assistance/Other Not Listed	314	311
Standby	178	188
<b>Primary Clinical Area</b>		
Medical	79,584	78,249
Psych (major and minor)	3,352	3,351
Trauma	6,361	6,793
Cardiac (includes all etiologies)	6,227	5,609
Stroke (includes all etiologies)	1,134	1,184

# REGION 6 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	9	11
<b>Total EMS Education Courses</b>	23	23
EMR	4	5
EMT	12	12
AEMT	6	5
Paramedic	2	2
<b>Total EMS Education Enrollment</b>	326	305
EMR	52	46
EMT	167	171
AEMT	88	72
Paramedic	37	38
<b>Total EMS Education Attrition</b>	75	70
EMR	0	10
EMT	56	50
AEMT	16	5
Paramedic	6	7
<b>Total Number of Instructors</b>	N/A	46
EMS Instructor	N/A	23
Instructor/Coordinator EMT	N/A	1
Instructor/Coordinator AEMT	N/A	16
Instructor/Coordinator Paramedic	N/A	6
Instructor with PMDC Endorsement	N/A	0

# REGION 6 COUNCIL

- Burke**  
**Debbie Burch**  
Nurse Practitioner  
Burke Medical Center
- Columbia**  
**Jeremy Wallen**  
Fire Chief  
Columbia City Fire Rescue
- Richard Schwartz**  
Medical Doctor  
Augusta University
- Emanuel**  
**Courtney Terwilliger**  
EMS Director  
Emanuel County EMS
- Nicky Drake**  
Deputy Director  
Emanuel County EMS
- Glascok**  
**Mike Lyons**  
EMA Director  
Glascok EMA
- Nona Lord**  
Glascok HD NM  
DPH
- Jefferson**  
**Chad Parker**  
EMS Ops  
Gold Cross Jefferson
- Keith Boulineau**  
Fire Chief  
City of Wrens
- Jenkins**  
**Henry Young**  
EMS Director  
Jenkins County EMS
- Shannon Detwiler**  
EMS Provider  
Jenkins County EMS
- Lincoln**  
**Casey Broom**  
EMS Director  
Lincoln County EMS
- Wanda Duncan**  
EMS Provider  
Lincoln County EMS
- McDuffie**  
**Kay Lord**  
EMS Provider  
McDuffie County EMA
- Stephen Sewell**  
EMS Director  
McDuffie County EMA
- Richmond**  
**Chris James**  
Fire Chief  
Augusta Fire
- Daniel Dunlap**  
911 Director  
Augusta Richmond
- Screven**  
**Josh Kaiser**  
EMS Director  
Screven County EMS
- Dru McBride**  
Registered Nurse  
Screven County Hospital
- Taliaferro**  
**Andrew Foot**  
Fire Chief  
Taliaferro County FD
- Delores Moore**  
EMS Provider  
Wilkes County EMS
- Warren**  
**John Graham**  
Commission Chair  
Warren County
- Crystal Ladousier**  
EMS Director  
Warren County
- Wilkes**  
**Blake Thompson**  
EMS Director  
Wilkes County
- Bruce Bailey**  
Nurse Practitioner  
Urgent MD
- At Large**  
**Colville Ferdinand**  
Medical Doctor  
Doctors Hospital
- Michael Willis**  
EMS Coordinator  
Augusta University
- Jennifer Weeks**  
EMS Liaison  
University Hospital
- Jodi Cunningham**  
Director of Emergency  
Services  
Doctors Hospital
- Joe Webber**  
CEPaR  
Augusta University
- Lawanna Mercer-Cobb**  
Retired  
Citizen
- John Smith**  
Ops Chief  
Gold Cross
- Natalie Lane**  
Pediatrics Chief MD  
Augusta University
- Robert Rosier**  
Captain  
Columbia Fire Rescue
- Scott Peebles**  
Marshall  
Marshalls Office
- Bonnie Powell**  
Cardiac Care  
University Hospital
- Lisa Smith**  
EMS Liaison  
Doctors Hospital
- John McManus**  
Medical Doctor  
Augusta University

# REGION 6 COUNCIL

## Burke

**Debbie Burch**  
Nurse Practitioner  
Burke Medical Center

## Steven Mathews

EMA Fire Chief  
Burke County

## Columbia

**Jeremy Wallen**  
Fire Chief  
Columbia City Fire Rescue

## Richard Schwartz

Medical Doctor  
Augusta University

## Emanuel

**Courtney Terwilliger**  
Public Safety Coord.  
Emanuel County EMS

## Nicky Drake

EMS Director  
Emanuel County EMS

## Glascock

**Mike Lyons**  
EMA Director  
Glascock EMA

## Micheal Lyons

Glascock HD NM  
DPH

## Jefferson

**Chad Parker**  
EMS Ops  
Gold Cross Jefferson

## Keith Boulineau

Fire Chief  
City of Wrens

## Jenkins

**Henry Young**  
EMS Director  
Jenkins County EMS

## Shannon Detwiler

EMS Provider  
Jenkins County EMS

## Lincoln

**Casey Broom**  
EMS Director  
Lincoln County EMS

## Wanda Duncan

EMS Provider  
Lincoln County EMS

## McDuffie

**Kay Lord**  
EMS Provider  
McDuffie County EMA

## Stephen Sewell

EMS Director  
McDuffie County EMA

## Richmond

**Antonio Burden**  
Fire Chief  
Augusta Fire

## Daniel Dunlap

911 Director  
Augusta Richmond

## Screven

**Josh Kaiser**  
EMS Director  
Screven County EMS

## Joe Morgan

Medical Director  
Private Practice

## Taliaferro

**Andrew Foot**  
Fire Chief  
Taliaferro County FD

## Delores Moore

EMS Provider  
Wilkes County EMS

## Warren

**John Graham**  
Commission Chair  
Warren County

## Crystal Ladousier

EMS Director  
Warren County

## Wilkes

**Tina Bailey**  
Deputy Director  
Wilkes County EMS

## Bruce Bailey

Nurse Practitioner  
Urgent MD

## At Large

**Colin Ferdinand**  
Medical Doctor  
Doctors Hospital

## Amanda Howard

Stroke Coordinator  
Augusta University

## Michael Willis

EMS Liaison  
Augusta University

## Jennifer Rosavich

Perinatal OB Director  
Augusta University

## Vince Brogdon

Owner  
Gold Cross EMS

## Lawanna Mercer-Cobb

Retired  
Citizen

## John Smith

Ops Chief  
Gold Cross EMS

## Natalie Lane

Pediatrics Chief MD  
Augusta University

## Jennifer Weeks

Med Now/SRS

## Scott Peebles

Marshall  
Marshalls Office

## Bonnie Powell

Cardiac Care  
University Hospital

# REGION 7

**Total Area:**  
4,143 square miles

**Total Population:**  
2021- 305,525  
2022- 303,091

**Population by County:**

	<u>2021</u>	<u>2022</u>
Harris	35,605	36,276
Muscogee	205,024	202,616
Chattahoochee	9,044	8,819
Stewart	4,914	4,648
Quitman	2,236	2,249
Clay	2,859	2,845
Randolph	6,253	6,116
Webster	2,356	2,328
Schley	4,476	4,496
Marion	7,426	7,449
Talbot	5,746	5,747
Taylor	7,754	7,737
Macon	11,832	11,765



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 five (5) acute care hospitals with one (1) designated trauma center, one (1) designated cardiac center, and two (2) designated stroke centers.

Region 7 is home to Fort Moore (formerly Fort Benning), the largest infantry camp in the world, Callaway Gardens Resorts, AFLAC (American Family Life Assurance Company of Columbus) and Synovus Bank.

# REGION 7

	2021	2022
<b>Total EMS Agencies *</b>	17	17
Medical First Responder (MFR)	2	2
Ground Ambulances	16	16
Neonatal	1	1
Air Ambulance	0	0
<b>Total EMS Vehicles</b>	89	94
MFR (non-transport vehicles)	25	25
Ground Ambulances	61	67
Neonatal	3	2
Air Ambulance	0	0
<b>Total EMS Providers- Active</b>	N/A	724
EMT-R	N/A	6
EMT	N/A	175
EMT-I	N/A	147
AEMT	N/A	158
Cardiac Tech	N/A	0
Paramedic	N/A	238
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	58	22
EMT-R	0	0
EMT	15	11
EMT-I	11	3
AEMT	8	4
Cardiac Tech	0	0
Paramedic	24	4

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 7

	2021	2022
<b>Total Responses</b>	76,010	74,473
Medical First Responder (MFR)	3,831	4,166
Ground Ambulance	72,057	70,180
Neonatal	122	127
Air Ambulance	0	0
<b>Total 911 Responses</b>	49,695	50,495
Medical First Responder (MFR)	3,833	4,166
Ground Ambulance	45,862	46,329
Air Ambulance	0	0
<b>Average 911 Response Time (In Minutes)</b>	10.40	7.50
Medical First Responder (MFR)	13.19	7.89
Ground Ambulance	12.44	13.83
Air Ambulance	0	0
<b>Total Interfacility/Transfer Responses</b>	26,315	23,978
Ground Ambulance	26,193	23,851
Neonatal	122	127
Air Ambulance	0	0
<b>Total Transports</b>	45,817	46,646
Ground Ambulance	45,695	46,519
Neonatal	122	127
Air Ambulance	0	0
<b>Type of Service Requested</b>		
911 Response (Scene)	49,260	50,174
Intercept	149	109
Interfacility Transport	1,249	4,653
Medical Transport	25,078	19,343
Mutual Aid	88	42
Public Assistance/Other Not Listed	79	29
Standby	105	53
<b>Primary Clinical Area</b>		
Medical	57,322	59,460
Psych	3,373	3,893
Trauma (major and minor)	2,914	3,889
Cardiac (includes all etiologies)	2,705	2,597
Stroke (includes all etiologies)	602	822

# REGION 7 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	8	10
<b>Total EMS Education Courses</b>	25	23
EMR	1	3
EMT	14	11
AEMT	9	8
Paramedic	2	2
<b>Total EMS Education Enrollment</b>	315	226
EMR	10	17
EMT	200	119
AEMT	99	83
Paramedic	36	27
<b>Total EMS Education Attrition</b>	75	63
EMR	1	1
EMT	63	40
AEMT	9	21
Paramedic	8	7
<b>Total Number of Instructors</b>	N/A	32
EMS Instructor	N/A	5
Instructor/Coordinator EMT	N/A	0
Instructor/Coordinator AEMT	N/A	13
Instructor/Coordinator Paramedic	N/A	12
Instructor with PMDC Endorsement	N/A	2

# REGION 7 COUNCIL

## **Chattahoochee**

### **David Bucher**

Cussetta/Chattahoochee Co EMS

### **Teri Hancock**

Cussetta/Chattahoochee Co EMS

## **Clay**

### **Donald Campbell**

Grady EMS

### **Raymon Crozier**

Clay County Government

## **Harris**

### **Thomas Faulkner**

Harris County EMS

### **Quincy Searcy**

Harris County EMS

## **Macon**

### **George Joiner**

Macon County EMS

### **Richard Chase, DO**

Macon County EMS

## **Marion**

### **Tripp Riddle**

Marion County EMS

## **Shaun Raulston**

Marion County EMS

## **Muscogee**

### **Jules Hazen**

Columbus Fire & EMS

## **Marie Harrell**

Columbus Fire & EMS

## **Quitman**

### **Norma Hayes**

Quitman County Government

## **John Pate**

Quitman County Fire

## **Randolph**

### **Jamie Sauls (Vice-Chair)**

Grady EMS

### **Kenneth Burns**

Randolph County Fire

## **Schley**

### **Duane Montgomery**

Schley County EMS

## **Douglas Jamieson**

Schley County Government

## **Stewart**

### **Greg Stewart (Chair)**

Stewart County Fire & EMS

## **Ed Lynch**

Stewart County Fire & EMS

## **Talbot**

### **Leigh Ann Erenheim (Secretary)**

Talbot County Fire & EMA

## **Jerry Anthony**

Talbot County EMS

## **Taylor**

### **Brandon Everette**

Taylor County EMS

## **John R. Cooper**

Taylor County EMS

## **Webster**

### **Darell Holbrook**

Webster County Fire & EMS

## **Jennifer Pearson-Rogue**

Webster County Fire & EMS

## **At Large**

### **Alia Mezayek**

EMS Care Ambulance

## **Joe Robinson**

Community Ambulance

# REGION 7 COUNCIL

## **Chattahoochee**

### **David Bucher**

Cussetta/Chattahoochee County EMS

### **Teri Hancock**

Cussetta/Chattahoochee County EMS

## **Clay**

### **Raymon Crozier**

Clay County Government

### **James Copp**

Early/Clay 911

## **Harris**

### **Thomas Faulkner**

Harris County EMS

### **Quincy Searcy**

Harris County EMS

## **Macon**

### **George Joiner**

Macon County EMS

### **Richard Chase, DO**

Macon County EMS

## **Marion**

### **Tripp Riddle**

Marion County EMS

### **Shaun Raulston**

Marion County EMS

## **Muscogee**

### **Jules Hazen**

Columbus Fire & EMS

## **Marie Harrell**

Columbus Fire & EMS

## **Quitman**

### **Norma Hayes**

Quitman County Government

### **John Pate**

Quitman County Government

## **Randolph**

### **Jamie Sauls** (Vice-Chair)

Grady EMS

## **Kenneth Burns**

Randolph County Fire

## **Schley**

### **Duane Montgomery**

Schley County EMS

## **Douglas Jamieson**

Schley County Government

## **Stewart**

### **Greg Stewart** (Chair)

Stewart County Fire & EMS

## **Ed Lynch**

Stewart County Fire & EMS

## **Talbot**

### **Leigh Ann Erenheim** (Secretary)

Talbot County Fire & EMA

## **Jerry Anthony**

Talbot County EMS

## **Taylor**

### **Brandon Everette**

Taylor County EMS

### **John R. Cooper**

Taylor County EMS

## **Webster**

### **Darell Holbrook**

Webster County Government

### **Donald Campbell**

Webster County Fire & EMS

## **At Large**

### **Alia Mezayek**

EMS Care Ambulance

### **Joe Robinson**

Community Ambulance

## **Norma Kernals**

Emory St. Francis Columbus

## **Alexis Dudley**

Piedmont Columbus Regional

## **Tonia Russell**

Piedmont Columbus Regional

## **Jack Rodgers**

Piedmont Columbus Regional

## **Phillip Eldridge**

Piedmont Columbus Regional

## **Charmaine Bjornson**

Piedmont Columbus Regional

## **Paula Carter**

Columbus Fire & EMS

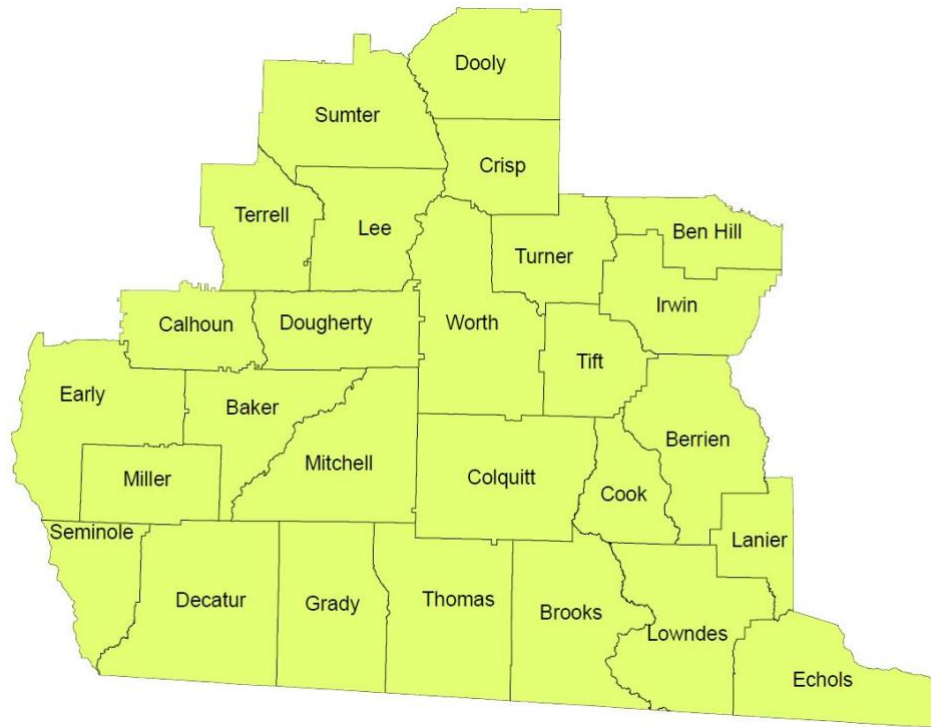
# REGION 8

**Total Area:**  
10,670 square miles

**Total Population:**  
2021- 667,541  
2022- 668,063

**Population by County:**

	2021	2022
Early	10,651	10,574
Miller	5,886	5,807
Seminole	9,142	9,127
Decatur	29,045	28,982
Baker	2,827	2,788
Calhoun	5,534	5,469
Terrell	8,904	8,754
Dougherty	82,267	82,966
Mitchell	21,266	21,116
Grady	25,879	26,008
Thomas	45,815	45,561
Colquitt	45,757	45,762
Worth	20,557	20,424
Lee	33,194	33,642
Sumter	28,978	28,887
Dooly	10,881	10,572
Crisp	20,024	19,708
Turner	8,931	8,842
Tift	41,123	41,412
Cook	17,266	17,404
Brooks	16,285	16,253
Lowndes	118,914	119,739
Echols	3,708	3,686
Lanier	10,052	10,171
Berrien	18,128	18,214
Irwin	9,375	9,126
Ben Hill	17,152	17,069



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. There are 19 acute care hospitals, most of which are critical access hospitals. There are three (3) designated trauma centers, four (4) designated cardiac centers, and six (6) designated stroke centers.

Region 8 is home to Valdosta State University, a campus of the University of Georgia, Abraham Baldwin Agricultural College, Moody Air Force Base, the home to the 39<sup>th</sup> president of the United States, President Jimmy Carter; as well as, the birthplace of Country Music stars Luke Bryan, Phillip Phillips, Thomas Rhett, T Graham Brown, and baseball superstar Jackie Robinson.

# REGION 8

	2021	2022
<b>Total EMS Agencies *</b>	36	39
Medical First Responder (MFR)	7	10
Ground Ambulances	30	30
Neonatal	1	1
Air Ambulance	2	2
<b>Total EMS Vehicles</b>	174	186
MFR (non-transport vehicles)	18	22
Ground Ambulances	138	144
Neonatal	0	1
Air Ambulance	18	19
<b>Total EMS Providers- Active</b>	N/A	1,400
EMT-R	N/A	16
EMT	N/A	387
EMT-I	N/A	159
AEMT	N/A	219
Cardiac Tech	N/A	3
Paramedic	N/A	616
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	127	46
EMT-R	0	0
EMT	24	20
EMT-I	31	0
AEMT	11	11
Cardiac Tech	1	0
Paramedic	60	15

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 8

	2021	2022
<b>Total Responses</b>	143,419	144,366
Medical First Responder (MFR)	2,078	949
Ground Ambulance	136,593	137,810
Neonatal	172	200
Air Ambulance	4,576	5407
<b>Total 911 Responses</b>	113,874	120,430
Medical First Responder (MFR)	2,078	949
Ground Ambulance	110,142	117,573
Air Ambulance	1,654	1908
<b>Average 911 Response Time (In Minutes)</b>	18.05	20.56
Medical First Responder (MFR)	13.83	8.83
Ground Ambulance	14.92	34.46
Air Ambulance	29.64	29.13
<b>Total Interfacility/Transfer Responses</b>	29,545	23,936
Ground Ambulance	26,451	20,237
Neonatal	172	200
Air Ambulance	2,922	3,499
<b>Total Transports</b>	96,015	94,520
Ground Ambulance	91,421	89,164
Neonatal	172	200
Air Ambulance	4,422	5,156
<b>Type of Service Requested</b>		
911 Response (Scene)	116,493	119,813
Intercept	317	227
Interfacility Transport	8,050	8,240
Medical Transport	21,442	15,655
Mutual Aid	312	390
Public Assistance/Other Not Listed	1,534	518
Standby	643	580
<b>Primary Clinical Area</b>		
Medical	136,445	120,514
Psych	7,809	7,655
Trauma (major and minor)	11,238	10,951
Cardiac (includes all etiologies)	8,616	8,429
Stroke (includes all etiologies)	1,562	1,564

# REGION 8 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	16	20
<b>Total EMS Education Courses</b>	43	44
EMR	13	13
EMT	13	16
AEMT	13	11
Paramedic	4	4
<b>Total EMS Education Enrollment</b>	398	425
EMR	109	113
EMT	148	196
AEMT	96	79
Paramedic	45	37
<b>Total EMS Education Attrition</b>	78	70
EMR	4	6
EMT	55	47
AEMT	12	8
Paramedic	7	9
<b>Total Number of Instructors</b>	N/A	66
EMS Instructor	N/A	27
Instructor/Coordinator EMT	N/A	3
Instructor/Coordinator AEMT	N/A	10
Instructor/Coordinator Paramedic	N/A	17
Instructor with PMDC Endorsement	N/A	9

# REGION 8 COUNCIL

- Baker**  
**Brandon Johnson**  
Baker County BOC
- Ben Hill**  
**Brandon Fletcher**  
Ben Hill County Emergency Services
- Berrien**  
**Gerald Sumner**  
Berrien County EMS
- Brooks**  
**Jessica McKinney**  
Brooks County Bd of Commissioners
- Calhoun**  
**Jamie Sauls**  
Calhoun County EMS
- Colquitt**  
**Amy Williams**  
Colquitt County EMS
- Cook**  
**Joe Cowart**  
South GA EMS/Grady
- Crisp**  
**David Edwards**  
Crisp County EMS
- Decatur**  
**Randy Williams**  
Decatur County Bd of Commissioners
- Dooly**  
**Don Williford**  
Dooly County EMS
- Dougherty**  
**Sam Allen**  
Dougherty County EMS
- Early**  
**Kevin Krivan**  
LifeBrite Hospital EMS
- Grady**  
**Rodney Gordon**  
Grady County EMS
- Irwin**  
**Marc Mathis**  
Irwin County Fire/EMS
- Lee**  
**Coleman Williams**  
Lee County Fire EMS
- Lowndes**  
**David Bauch**  
South GA Med Center EMS
- Miller**  
**Doug Cofty**  
Colquitt-Miller County EMS
- Mitchell**  
**Ann Rice**  
Retired
- Seminole**  
**Paula Granger**  
Seminole County Bd of Commissioners
- Sumter**  
**Nigel Poole**  
Sumter County EMA
- Terrell**  
**James 'Bo' Hamby**  
Terrell County EMS
- Tift**  
**Allen Owens**  
Tift County Fire EMS
- Thomas**  
**Derrick Ogletree**  
Thomas County EMS
- Turner**  
**Robby Royal**  
Turner County EMS
- Worth**  
**Ray Salter**  
Worth County Fire/EMS
- At Large**  
**Kelly Vaughn**  
Archbold Memorial Hospital
- Madison McKinney**  
Crisp Regional Medical Center
- Sanford Hawkins**  
AMH/TCEMS
- Andrea Miles**  
Moody AirForce Base
- Mindy Spencer**  
Phoebe Putney
- Greg Dampier**  
Air Evac Lifeteam
- Missy Pullen**  
Southern Regional Tech
- Richard Roberts**  
Dougherty County EMS
- Danny Edwards**  
Retired
- Tim Coram**  
Thomas County EMS
- Chad Nelms**  
South Georgia Medical Center

# REGION 8 COUNCIL

- Baker**  
**Randy Johnson**  
Baker County BOC
- Ben Hill**  
**Brandon Fletcher**  
Ben Hill County Emergency Services
- Berrien**  
**Gerald Sumner**  
Berrien County EMS
- Brooks**  
**Jessica McKinney**  
Brooks County Bd of Commissioners
- Calhoun**  
**Jamie Sauls**  
Calhoun County EMS
- Colquitt**  
**Amy Williams**  
Colquitt County EMS
- Cook**  
**Joe Cowart**  
South GA EMS/Grady
- Crisp**  
**David Edwards**  
Crisp County EMS
- Decatur**  
**Randy Williams**  
Decatur County Bd of Commissioners
- Dooly**  
**Don Williford**  
Dooly County EMS
- Dougherty**  
**Sam Allen**  
Dougherty County EMS
- Early**  
**Kevin Krivan**  
LifeBrite Hospital EMS
- Grady**  
**Rodney Gordon**  
Grady County EMS
- Irwin**  
**Marc Mathis**  
Irwin County Fire/EMS
- Lanier**  
**Jack Paulson**  
SGMC-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 Bd of Commissioners
- Sumter**  
**Nigel Poole**  
Sumter County EMA
- Terrell**  
**James 'Bo' Hamby**  
Terrell County EMS
- Tift**  
**Allen Owens**  
Tift County Fire EMS
- Thomas**  
**Derrick Ogletree**  
Thomas County EMS
- Turner**  
**Robby Royal**  
Turner County EMS
- Worth**  
**Ray Salter**  
Worth County Fire/EMS
- At Large**  
**Kelly Vaughn**  
Archbold Memorial Hospital
- Christi Griner**  
Colquitt Regional Medical Center
- Sanford Hawkins**  
AMH/TCEMS
- Andrea Miles**  
Moody AirForce Base
- Mindy Spencer**  
Phoebe Putney
- Greg Dampier**  
Air Evac Lifeteam
- Missy Pullen**  
Southern Regional Tech
- Richard Roberts**  
Dougherty County EMS
- Danny Edwards**  
Retired
- Tim Coram**  
Thomas County EMS
- Chad Nelms**  
South Georgia Medical Center

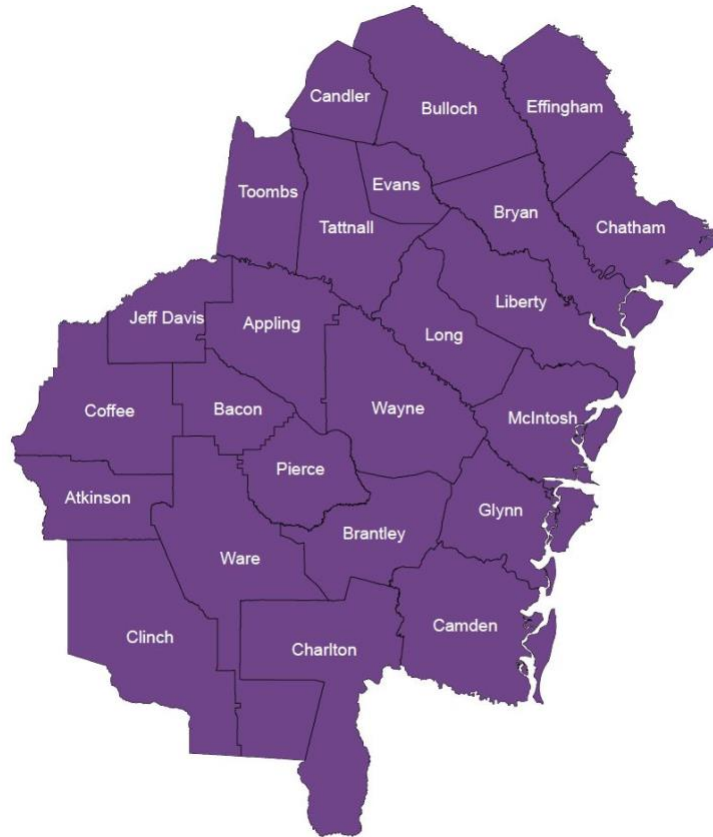
# REGION 9

**Total Area:**  
12,533 square miles

**Total Population:**  
2021- 1,017,246  
2022- 1,033,845

**Population by County:**

	2021	2022
Clinch	6,698	6,662
Atkinson	8,358	8,183
Coffee	42,997	43,172
Jeff Davis	14,848	14,889
Bacon	11,071	11,191
Ware	35,547	35,614
Charlton	12,813	12,781
Brantley	18,121	18,183
Pierce	19,975	20,168
Wayne	30,246	30,896
Appling	18,411	18,428
Toombs	26,873	26,837
Tattnall	24,132	24,064
Evans	10,711	10,695
Candler	11,000	11,000
Bulloch	80,637	83,059
Effingham	66,746	69,041
Chatham	295,656	301,107
Bryan	46,963	48,225
Liberty	66,844	68,030
Long	17,089	18,348
McIntosh	11,051	11,180
Glynn	84,705	85,079
Camden	55,754	57,013



Region 9 is in the southeastern part of Georgia and consists of twenty-four (24) counties. Bordered by the Atlantic Ocean on the east, the region stretches through the 660 square miles of the Okefenokee Swamp to the hills of Coffee County in the west and north to Bulloch County. The region has eleven (12) acute care hospitals that includes one military hospital that is designated as a Georgia Trauma Center. There are four (4) designated trauma centers, six (6) designated cardiac centers, and ten (10) designated stroke centers. Region 9 is predominately rural and includes the suburban city of Savannah, with farming and industries throughout.

Region 9 is home to Savannah; Georgia’s oldest city and first capitol that boast the third largest seaport in the United States; and the only region in Georgia that is coastal. The coastline is roughly 110 miles and includes 15 barrier islands on the Atlantic Ocean.

# REGION 9

	2021	2022
<b>Total EMS Agencies *</b>	43	45
Medical First Responder (MFR)	6	7
Ground Ambulances	37	38
Neonatal	2	2
Air Ambulance	0	0
<b>Total EMS Vehicles</b>	258	267
MFR (non-transport vehicles)	22	23
Ground Ambulances	236	243
Neonatal	0	1
Air Ambulance	0	0
<b>Total EMS Providers- Active</b>	N/A	2,047
EMT-R	N/A	47
EMT	N/A	766
EMT-I	N/A	234
AEMT	N/A	224
Cardiac Tech	N/A	9
Paramedic	N/A	767
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	197	131
EMT-R	0	0
EMT	73	79
EMT-I	52	4
AEMT	17	16
Cardiac Tech	1	0
Paramedic	54	32

\* The breakdown of total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 9

	2021	2022
<b>Total Responses</b>	206,447	190,120
Medical First Responder (MFR)	6,347	9,115
Ground Ambulance	200,069	180,977
Neonatal	15	14
Air Ambulance	16	14
<b>Total 911 Responses</b>	154,448	149,242
Medical First Responder (MFR)	6,347	9,115
Ground Ambulance	148,088	140,114
Air Ambulance	13	13
<b>Average 911 Response Time (In Minutes)</b>	13.15	11.07
Medical First Responder (MFR)	12.72	10.86
Ground Ambulance	18.73	14.53
Air Ambulance	8.42	8.05
<b>Total Interfacility/Transfer Responses</b>	51,999	40,878
Ground Ambulance	51,981	40,863
Neonatal	15	14
Air Ambulance	3	1
<b>Total Transports</b>	140,630	124,559
Ground Ambulance	140,612	124,542
Neonatal	15	14
Air Ambulance	3	3
<b>Type of Service Requested</b>		
911 Response (Scene)	148,409	147,987
Intercept	1,095	809
Interfacility Transport	16,770	14,979
Medical Transport	35,326	22,988
Mutual Aid	507	446
Public Assistance/Other Not Listed	3,435	2,116
Standby	891	786
<b>Primary Clinical Area</b>		
Medical	148,491	139,411
Psych	9,374	9,076
Trauma (major and minor)	17,699	15,438
Cardiac (includes all etiologies)	11,720	10,324
Stroke (includes all etiologies)	2,286	2,335

# REGION 9 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	26	27
<b>Total EMS Education Courses</b>	59	59
EMR	6	7
EMT	31	31
AEMT	16	17
Paramedic	9	7
<b>Total EMS Education Enrollment</b>	742	747
EMR	40	88
EMT	446	89
AEMT	185	177
Paramedic	133	78
<b>Total EMS Education Attrition</b>	122	163
EMR	8	9
EMT	71	108
AEMT	32	22
Paramedic	20	24
<b>Total Number of Instructors</b>	N/A	101
EMS Instructor	N/A	46
Instructor/Coordinator EMT	N/A	3
Instructor/Coordinator AEMT	N/A	21
Instructor/Coordinator Paramedic	N/A	24
Instructor with PMDC Endorsement	N/A	7

# REGION 9 COUNCIL

## **Appling**

**James M Twiggs Sr**  
Appling County EMS

## **Atkinson**

**Drawdy, Victor**  
Air Evac

## **Bacon**

**Brent M White**  
Alma-Bacon County FD/EMS

## **Brantley**

**Michelle I Lee**  
Brantley County EMA

## **Bryan**

**Freddy L Howell**  
Bryan County Fire ES

## **Bulloch**

**Brian J Hendrix**  
Bulloch County EMS

## **Robbie D Mallard**

Bulloch County EMS

## **Camden**

**Charles O Lowther**  
Camden County Fire/Rescue

## **Candler**

**Joseph Reynolds**  
Candler County EMS

## **Charlton**

**Bruce Young**  
Charlton County EMS

## **Chatham**

**B Jeanine Newton-Riner**  
Amerimed EMS

## **Archie Z Shuman**

Chatham County

## **Clinch**

**Mitchell L Lane**  
Gold Star EMS

## **Coffee**

**Morris A Smith**  
Coffee Regional EMS

## **Effingham**

**Wanda E Mcduffie**  
Effingham County EMS

## **Evans**

**Mark Bird**  
Evans County EMS

## **Glynn**

**Travis E Johnson**  
Glynn County Fire / Rescue

## **Jerry D Gailey III**

Jekyll Island FD

## **Jeff Davis**

**Roger D Ogilvie**  
Jeff Davis County EMS

## **Liberty**

**James L Willis**  
Ft. Stewart (Army)

## **Long**

**Mark Sager**  
Excelsior EMS

## **McIntosh**

**Ty Poppell**  
McIntosh County EMA

## **Pierce**

**Santo j Nino**  
Pierce County Fire

## **Tatnall**

**Dustin Dasher**  
Tatnall County EMS

## **Toombs**

**Drew A James**  
Toombs County EMS

## **Ware**

**Dr. William W Parham**  
Ware County EMS

## **Perry Blackburn**

Ware County EMS

## **Wayne**

**Richard B Johnson**  
Wayne County EMS

## **At Large**

**Nathaniel Ryan Brown**  
HCA

## **Keith Charles Dawson**

HCA

## **Yuntalay Gadson**

DPH

## **Brian Realiza**

East Georgia Regional

## **James D Gannon Jr.**

Pooler FD

## **Susan P Malone**

DPH

## **James Waters**

Air Evac

## **Hali Vanadore**

Private NP OB Practice

## **Melanie Nutting**

St. Joesph Candler

## **Chris Page**

Ogeechee Tech

## **Jason Springer**

HCA / Brantley County EMS

# REGION 9 COUNCIL

## **Appling**

**James M Twiggs Sr**  
Appling County EMS

## **Atkinson**

**Drawdy, Victor**  
Air Evac

## **Bacon**

**Brent M White**  
Alma-Bacon County FD/EMS

## **Brantley**

**Michelle I Lee**  
Brantley County EMA

## **Bryan**

**Freddy L Howell**  
Bryan County Fire ES

## **Summer Patterson**

Bryan County Fire ES

## **Bulloch**

**Brian J Hendrix**  
Bulloch County EMS

## **Robbie D Mallard**

Bulloch County EMS

## **Camden**

**Patrick Parson**  
Camden County Fire/Rescue

## **Lisa Boyett**

Camden County Fire/Rescue

## **Candler**

**Joseph Reynolds**  
Candler County EMS

## **Charlton**

**Bruce Young**  
Charlton County EMS

## **Chatham**

**B Jeanine Newton-Riner**  
Amerimed EMS

## **Archie Z Shuman**

Chatham County

## **Bengie G Cowart**

Chatham ES

## **Clinch**

**Mitchell L Lane**  
Gold Star EMS

## **Coffee**

**Morris A Smith**  
Coffee Regional EMS

## **Effingham**

**Wanda E Mcduffie**  
Effingham County EMS

## **Evans**

**Mark Bird**  
Evans County EMS

## **Glynn**

**Travis E Johnson**  
Glynn County Fire / Rescue

## **Jerry D Gailey III**

Jekyll Island FD

## **Jeff Davis**

**Edwin Williams**  
Jeff Davis County EMS

## **Liberty**

**Crystal Hensler**  
Liberty County EMS

## **Gene Long**

Liberty County EMS

## **Long**

**Mark Sager**  
Excelsior EMS

## **McIntosh**

**Ty Poppell**  
McIntosh County EMA

## **Pierce**

**Santo j Nino**  
Pierce County Fire

## **Tatnall**

**Dustin Dasher**  
Tatnall County EMS

## **Toombs**

**Drew A James**  
Toombs County EMS

## **Ware**

**Dr. William W Parham**  
Ware County EMS

## **Perry Blackburn**

Ware County EMS

## **Wayne**

**Richard B Johnson**  
Wayne County EMS

## **At Large**

**Laura Ginn**  
Southeast Health District  
Office

## **Keith Charles Dawson**

HCA

## **Brian Realiza**

East Georgia Regional

## **James D Gannon Jr.**

Pooler FD

## **Susan P Malone**

DPH

## **James Waters**

Air Evac

## **Hali Vanadore**

Private NP OB Practice

## **Melanie Nutting**

St. Joesph Candler

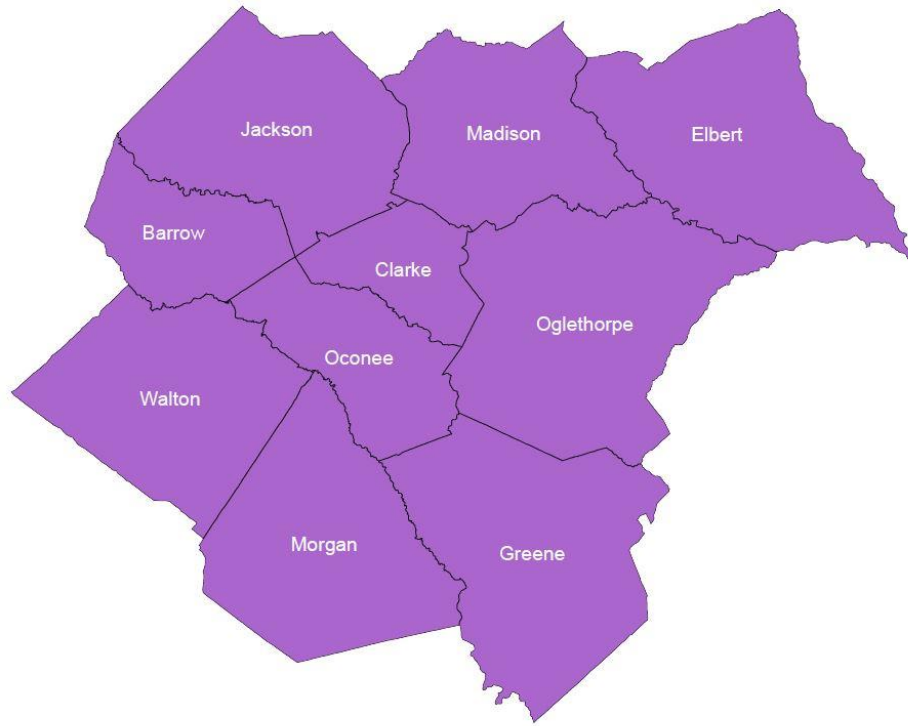
## **Chris Page**

Ogeechee Tech

## **Jason Springer**

HCA / Brantley County EMS

# REGION 10



**Total Area:**  
3,006 square miles

**Total Population:**  
2021- 544,793  
2022- 557,689

**Population by County:**

	<u>2021</u>	<u>2022</u>
Jackson	80,317	83,936
Barrow	86,672	89,299
Walton	99,808	103,065
Morgan	20,654	21,031
Greene	19,553	20,139
Oconee	43,025	43,588
Clarke	129,185	129,875
Madison	30,883	31,473
Oglethorpe	15,142	15,469
Elbert	19,554	19,814

Region 10 is located 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. The region has seven (7) acute care hospitals, with three (3) designated trauma center, one (1) designated cardiac centers, and seven (7) designated stroke centers.

Region 10 has the smallest county in the state, Athens-Clarke County. Athens-Clarke County is home to Governor Kemp, who resides in Watkinsville. The region is also home to the University of Georgia (UGA), where the population of Athens increases by an estimated 250,000 for every home game; country singer/song writer, Brantley Gilbert; and was the birthplace of the rock band REM.

# REGION 10

	2021	2022
<b>Total EMS Agencies *</b>	31	31
Medical First Responder (MFR)	12	12
Ground Ambulances	21	22
Neonatal	0	0
Air Ambulance	1	1
<b>Total EMS Vehicles</b>	244	212
MFR (non-transport vehicles)	60	46
Ground Ambulances	181	163
Neonatal	0	0
Air Ambulance	3	3
<b>Total EMS Providers- Active</b>	N/A	2,003
EMT-R	N/A	21
EMT	N/A	431
EMT-I	N/A	436
AEMT	N/A	416
Cardiac Tech	N/A	0
Paramedic	N/A	699
<b>Total EMS Providers - Lapsed - Failure to Renew</b>	101	57
EMT-R	0	0
EMT	25	26
EMT-I	33	3
AEMT	7	18
Cardiac Tech	0	0
Paramedic	36	10

\* The breakdown of the total number of EMS Agencies licenses represents all license types, some agencies have multiple license types

# REGION 10

	2021	2022
<b>Total Responses</b>	181,107	177,038
Medical First Responder (MFR)	5,603	5,710
Ground Ambulance	175,429	171,229
Neonatal	0	0
Air Ambulance	75	99
<b>Total 911 Responses</b>	106,228	113,665
Medical First Responder (MFR)	5,603	5,710
Ground Ambulance	100,581	107,908
Air Ambulance	44	47
<b>Average 911 Response Time (In Minutes)</b>	15.00	14.62
Medical First Responder (MFR)	12.72	12.85
Ground Ambulance	14.24	12.84
Air Ambulance	19.96	21.71
<b>Total Interfacility/Transfer Responses</b>	74,879	63,373
Ground Ambulance	74,848	63,321
Neonatal	0	0
Air Ambulance	31	52
<b>Total Transports</b>	136,914	131,532
Ground Ambulance	136,841	131,434
Neonatal	0	0
Air Ambulance	73	98
<b>Type of Service Requested</b>		
911 Response (Scene)	105,768	112,710
Intercept	196	376
Interfacility Transport	1,717	2,102
Medical Transport	73,224	61,289
Mutual Aid	264	579
Public Assistance/Other Not Listed	312	439
Standby	286	207
<b>Primary Clinical Area</b>		
Medical	113,873	109,819
Psych	4,489	4,551
Trauma (major and minor)	7,241	8,547
Cardiac (includes all etiologies)	5,350	6,675
Stroke (includes all etiologies)	1,111	1,269

# REGION 10 EMS EDUCATION

	2021	2022
<b>Total EMS Education Programs</b>	8	12
<b>Total EMS Education Courses</b>	17	22
EMR	0	5
EMT	11	11
AEMT	5	5
Paramedic	1	1
<b>Total EMS Education Enrollment</b>	234	238
EMR	0	47
EMT	150	108
AEMT	73	79
Paramedic	11	4
<b>Total EMS Education Attrition</b>	41	24
EMR	0	4
EMT	25	10
AEMT	15	8
Paramedic	1	2
<b>Total Number of Instructors</b>	N/A	75
EMS Instructor	N/A	27
Instructor/Coordinator EMT	N/A	4
Instructor/Coordinator AEMT	N/A	22
Instructor/Coordinator Paramedic	N/A	17
Instructor with PMDC Endorsement	N/A	5

# REGION 10 COUNCIL

## **Barrow**

### **Alan Shuman**

Barrow County Emergency Services

### **Heath Williams**

Barrow County Emergency Services

## **Clarke**

### **Jeff Scarbrough**

Athens-Clarke County Fire

## **Elbert**

### **Chuck Almond**

Elbert County Emergency Services

### **Beth Seymour**

Elbert County Emergency Services

## **Greene**

### **Byron Lombard**

Greene County Administrator

## **Jackson**

### **Jason Baker**

Jackson County EMS

## **Madison**

### **Clayton Hearn**

Madison County EMS

### **Bobby Smith**

Madison County EMS

## **Morgan**

### **Adam Bedgood**

Morgan Medical Center

## **Oconee**

### **Cliff Threadgill**

Oconee County Fire Rescue

### **CJ Worden**

Oconee County EMA

## **Oglethorpe**

### **Jason Lewis**

Oglethorpe County EMS

### **James Jackson**

Oglethorpe County 911 Director

## **Walton**

### **Ronnie Almand**

Walton County EMS

### **Steven Durocher, MD**

Walton County EMS/ Piedmont Walton Hospital

## **At Large**

### **Kathi Davis**

Piedmont Athens Regional

### **Don Cargile**

National EMS, Inc.

### **Steve Harris**

UGA - Emergency Preparedness

## **Glenn Henry**

Athens Technical College

## **Joe Lockman**

St. Mary's Hospital Director of Public Safety

## **Michael Shotwell, MD,**

Piedmont Athens Regional

## **Sharon Queen**

Piedmont Walton Medical Center

## **John Reeck**

St. Mary's Hospital

## **Crystal Shelnett**

Adaptive Training Consultants - R10 RTAC

## **Shelley Nichols, RN**

American Heart/Stroke Association

## **Jeff Chambers, PA**

Urgent Care of Oconee

## **Shane Smith**

DPS - Office of Public Safety Support

# REGION 10 COUNCIL

## **Barrow**

### **Alan Shuman**

Barrow County Emergency Services

## **Clarke**

### **Jeff Scarbrough**

Athens-Clarke County Fire

## **Mark Melvin**

Athens - Clarke County Fire

## **Elbert**

### **Chuck Almond**

Elbert County Emergency Services

## **Beth Seymour**

Elbert County Emergency Services

## **Greene**

### **Byron Lombard**

Greene County Administrator

## **Anna Sheridan**

Greene County Emergency Services

## **Jackson**

### **Jason Baker**

Jackson County EMS

## **Doug Waters**

Retired - Jackson County

## **Madison**

### **Clayton Hearn**

Madison County EMS

## **Bobby Smith**

Madison County EMS

## **Morgan**

### **Adam Bedgood**

Morgan Medical Center

## **Bobby Smith**

Madison County EMS

## **Oconee**

### **Cliff Threadgill**

Oconee County Fire Rescue

## **CJ Worden**

Oconee County EMA

## **Oglethorpe**

### **Jason Lewis**

Oglethorpe County EMS

## **James Jackson**

Oglethorpe County 911 Director

## **Walton**

### **Ronnie Almand**

Walton County EMS

## **Steven Durocher, MD**

Walton County EMS/ Piedmont  
Walton Hospital

## **At Large**

### **Kathi Davis**

Piedmont Athens Regional

## **Don Cargile**

National EMS, Inc.

## **Glenn Henry**

Athens Technical College

## **Joe Lockman**

St. Mary's Hospital Director of  
Public Safety

## **Michael Shotwell, MD,**

Piedmont Athens Regional

## **John Reeck**

St. Mary's Hospital

## **Crystal Shelnett**

Adaptive Training Consultants -  
R10 RTAC

## **Kimberely Tyler, RN**

St. Mary's Good Samaritan Hospital

## **Shelley Nichols, RN**

American Heart/Stroke Association

## **Jeff Chambers, PA**

Urgent Care of Oconee

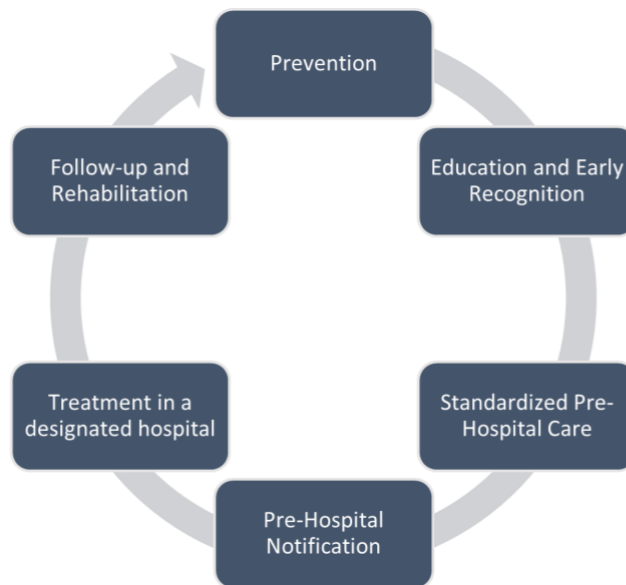
## **Shane Smith**


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, in order 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.





# SYSTEMS OF CARE ADVISORY COUNCIL

## **SYSTEMS OF CARE ADVISORY COUNCIL**

- Purpose: The Department shall establish a statewide multidisciplinary Systems of Care Advisory Council (SCAC) to advise the Department on issues essential to specialty systems of care in Georgia.
- SCAC shall be composed of between twenty-five (25) and thirty (30) members who are knowledgeable in specialty systems of care and all components thereof, and who represent a broad cross-section of Georgia's citizens. Membership shall include representation from each of the following categories, provided that a single member may represent more than one category:
  - At least one representative from each of the state's ten EMS Regions.
  - At least one representative from a designated facility in each of the following specialty systems of care:
    - Cardiac
    - Stroke
    - Trauma
    - Pediatrics
    - Perinatal Care/Obstetrics
  - An EMS representative from the statewide Emergency Medical Services Advisory Council.
  - An EMS Medical Director representative from the statewide Emergency Medical Services Medical Director Advisory Council.
  - A representative from hospital emergency preparedness.
  - At least one representative from each of the following facility types:
    - Non-designated hospital
    - Critical Access hospital
    - Rural hospital
    - Hospital rehabilitation services
    - Free Standing Emergency Department and/or Urgent Care Center
  - A hospital administrator from a designated specialty care center

# 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

## Levels of Emergency Cardiac Care Centers

REQUIREMENT	LEVEL I	LEVEL II	LEVEL III
Cardio-Thoracic Surgery (CTS) on-site/available 24/7/365	♥		
Percutaneous Left Ventricular Assist Device (pLVAD) + Automatic Implantable Cardioverter-Defibrillator (AICD)	♥		
Cardiac catheterization/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 Center

### Level I

AdventHealth Redmond  
Emory Saint Joseph's Hospital  
Atrium Health Navicent - Macon  
Piedmont Macon  
Emory University Hospital  
Midtown  
Pheobe Putney Memorial  
St. Francis-Emory Healthcare  
Northside Hospital Gwinnett  
Emory University Hospital  
Grady Memorial Hospital  
Memorial Health University Med  
Center  
St. Joseph's Hospital  
NGMC Gainesville  
Piedmont Augusta  
WellStar Kennestone Hospital  
Augusta University Medical  
Center

### Level II

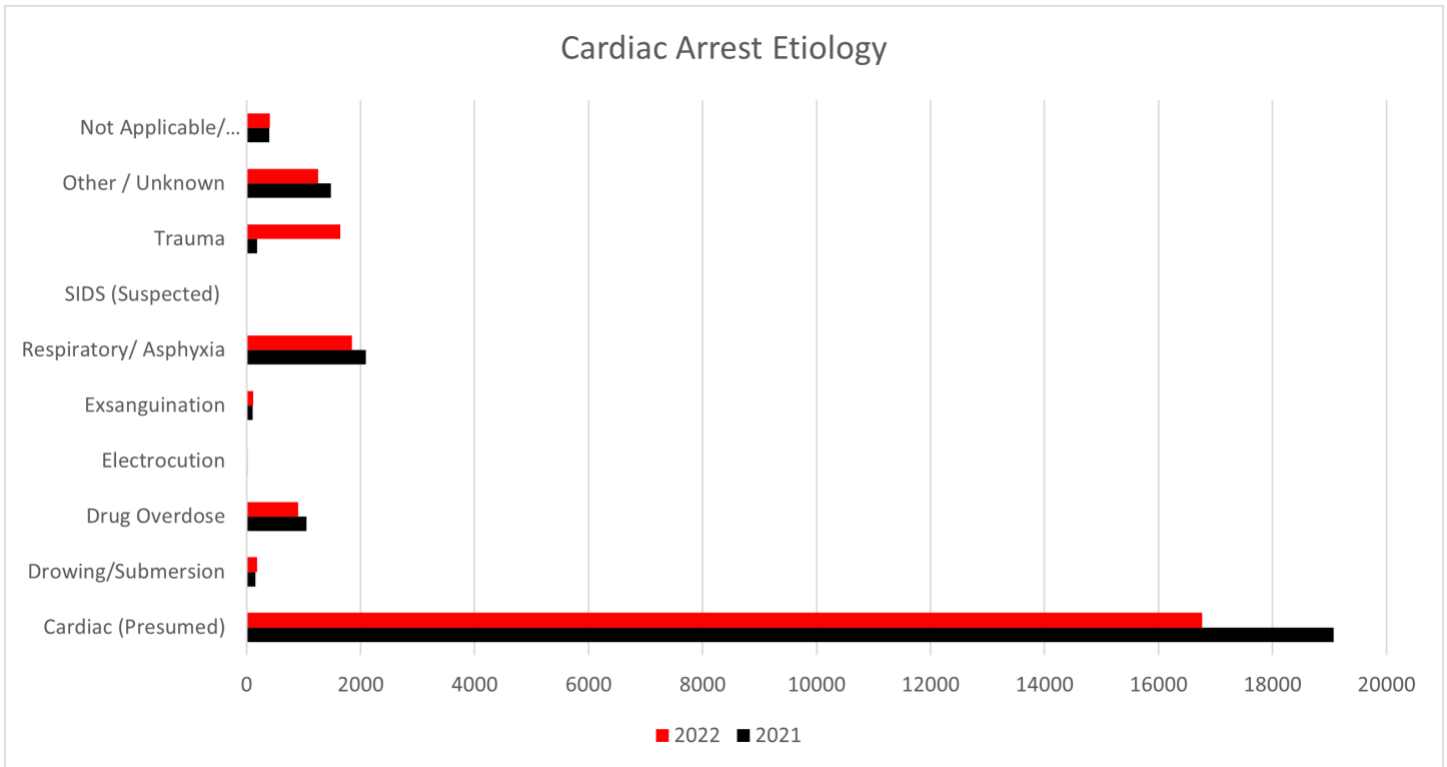
Tanner Medical Center -  
Carrollton  
Tanner Medical Center - Villa  
Rica  
Emory Johns Creek  
Houston Healthcare - Warner  
Robins  
Coffee Regional Medical Center  
WellStar West GA Medical  
Center  
Southeast Georgia Health  
System  
East GA Regional Medical  
Center  
Tift Regional Medical Center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

### Level III

Union General Hospital  
Northside Hospital Duluth  
Effingham Health System  
Atrium Health Navicent Baldwin  
Houston Healthcare - Perry  
Crisp Regional Hospital  
NGMC Barrow  
NGMC Lumpkin

# EMERGENCY CARDIAC CARE SYSTEM

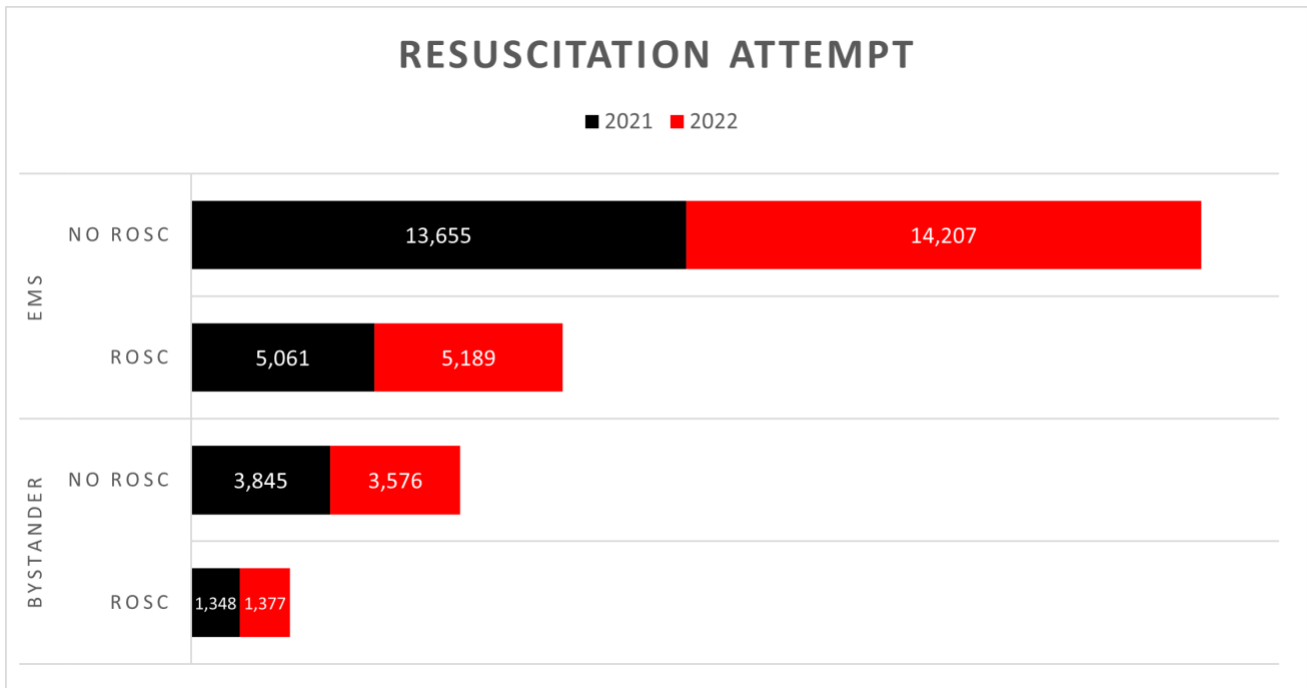
<b>Etiology</b>	<b>2021</b>	<b>2022</b>
Cardiac (Presumed)	19069	16,764
Drowning/Submersion	157	183
Drug Overdose	1053	901
Electrocution	17	14
Exsanguination	105	120
Respiratory/ Asphyxia	2095	1848
SIDS (Suspected)	1	0
Trauma	181	1645
Other / Unknown	1478	1255
Not Applicable/ Not Recorded/ Blank	399	405



# EMERGENCY CARDIAC CARE SYSTEM

Resuscitation Attempted			
Bystander	ROSC	2021	2022
	No ROSC	1,348	1,377
EMS	ROSC	3,845	3,576
	No ROSC	5,061	5,189
		13,655	14,207

\*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

Disposition Type 2021		Expired in Field
Patient Dead at Scene	10282	9574
With Transport	519	336
W/O Transport	9763	9238
Patient Treated & Transported	14824	776

Disposition Type 2022		Expired in Field
Patient Dead at Scene	7778	7066
With Transport	381	177
W/O Transport	7397	6889
Patient Treated & Transported	14299	740

\*excludes Assist Public, Assist Agency, Assist Unit, Canceled (Prior to Arrival At Scene), Canceled on Scene (No Patient Contact), Canceled on Scene (No Patient Found), Canceled on Scene (Patient Condition Worsened), False Call / False Alarm, Standby-Public Safety, Fire, or EMS Operational Support Provided, Standby-No Services or Support Provided, Transport Non-Patient, Organs, etc., CP Patient Treated, Released per Protocol - Referred to Other Social Services Facility, CP Patient Treated, Released per Protocol - Referred to Other Services (Non-Health Care Facility), Blanks (eDisposition.12)

	2021	2022
# of STEMI	1959	2126
% Pre-Hospital EKG	1454 (74.2%)	1538 (72.3%)
Average Scene Time	10.8	11.9
Symptom onset to Hospital	114 (65, 220)	112 (62, 226)

\*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

\* median, 25, 75th percentile in minutes

\*median symptom onset to hospital, removed unknow ST1.3

# 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, and stabilization and also 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 midlevel 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

## Designated Trauma Centers

### Level I

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

### Level II

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

### Level III

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 IV

Atrium Health Floyd Polk  
Effingham Health System  
Emanuel Medical Center  
Memorial Health Meadows  
Morgan Medical Center  
WellStar Paulding  
WellStar Spalding Regional  
WellStar West GA  
Winn Army Community Hospital Ft. Stewart

### Pediatric Trauma

CHOA @ Egleston Level I  
CHOA @ Scottish Rite Level II  
Childrens Hosp of GA - Aug Univ Level II

# TRAUMA SYSTEM

## Year 2021 and Year 2022 Report for EMS Request

Data Source:

Trauma Registry 2021 and 2022 data was downloaded from the Georgia Quality Improvement Program (GQIP) central site on Aug 16, 2023; the following Analysis was based on data from the designated Trauma Hospitals (stateinclusion='TRUE').

Year 2021, Mechanism		
Frequency	Total	Percent
Fall	16,493	44.1
Motor vehicle traffic	11,232	30.0
Firearm	3,120	8.3
Struck by, against	1,972	5.3
Cut/pierce	1,486	4.0
Transport, other	941	2.5
Other specified and classifiable	487	1.3
Pedal cyclist, other	360	1.0
Natural/environmental, Bites and stings	331	0.9
Machinery	244	0.7
Pedestrian, other	219	0.6
Overexertion	142	0.4
Natural/environmental, Other	137	0.4
Other specified, not elsewhere classifiable	80	0.2
Unspecified	71	0.2
Fire/flame	33	0.1
Hot object/substance	22	0.1
Suffocation	9	0.0
Drowning/submersion	4	0.0
Poisoning	2	0.0
Total	37,385	100.0

Frequency missing=232

Note:

There are 37,617 cases reported in the year 2021. Among these 37,617 cases, 25,544 cases were linked with Prehospital Provider data. Among these 25,544 cases, 21,699 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 21,699 cases.

# TRAUMA SYSTEM

Year 2021, Frequency by Transport Mode		
Transport Mode	Frequency	Percent
Ground Ambulance	24,448	95.7
Helicopter Ambulance	772	3.0
Fixed-wing Ambulance	4	0.0
NULL	1	0.0
Other	1	0.0
Unknown	318	1.2
<b>Total</b>	<b>25,544</b>	<b>100.0</b>

Year 2021, Frequency by Designation Level of Hospital		
Level	Frequency	Median Time On-Scene
I	11,136	0:19:00
II	8,272	0:17:00
III	2,104	0:19:00
IV	187	0:19:00
Total	21,699	0:18:00

Year 2021, Frequency by Injury Severity Score		
Injury Severity Score	Frequency	Median Time On-Scene
1-8 (Minor)	7,967	0:18:00
9-15 (Moderate)	9,188	0:19:00
16-24 (Severe)	2,599	0:17:00
>24 (Very Severe)	1,927	0:15:00
NK/NR	18	0:17:30
Total	21,699	0:18:00

Year 2021, Frequency by Activation Type		
Activation Type	Frequency	Median Time On-Scene
Partial	6,856	0:19:00
No Trauma Activation	6,562	0:19:00
Full	4,629	0:15:00
Consult	3,582	0:19:00
Not Applicable	63	0:16:00
NULL	4	0:13:30
Unknown	3	0:16:00
Total	21,699	0:18:00

# TRAUMA SYSTEM

Year 2022, Mechanism		
Frequency	Total	Percent
Fall	18,414	47.4
Motor vehicle traffic	10,660	27.5
Firearm	3,124	8.0
Struck by, against	2,100	5.4
Cut/pierce	1,423	3.7
Transport, other	957	2.5
Other specified and classifiable	526	1.4
Pedal cyclist, other	347	0.9
Natural/environmental, Bites and stings	334	0.9
Pedestrian, other	271	0.7
Machinery	207	0.5
Natural/environmental, Other	132	0.3
Overexertion	119	0.3
Other specified, not elsewhere classifiable	77	0.2
Unspecified	72	0.2
Fire/flame	27	0.1
Hot object/substance	15	0.0
Suffocation	8	0.0
Drowning/submersion	2	0.0
Poisoning	1	0.0
<b>Total</b>	<b>38,816</b>	<b>100.0</b>

Frequency missing=244

**Note:**

There are 39,060 cases reported in the year 2022. Among these 39,060 cases, 26,333 cases were linked with Prehospital Provider data. Among these 26,333 cases, 21,995 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 21,995 cases.

# TRAUMA SYSTEM

Year 2022, Frequency by Transport Mode		
Transport Mode	Frequency	Percent
Ground Ambulance	25,121	95.40
Helicopter Ambulance	891	3.38
Other	3	0.01
Fixed-wing Ambulance	2	0.01
Not Applicable	1	0.00
Unknown	315	1.20
<b>Total</b>	<b>26,333</b>	<b>100.00</b>

Year 2022, Frequency by Designation Level of Hospital		
Level	Frequency	Median Time On-Scene
I	10,042	0:19:00
II	8,668	0:17:00
III	2,390	0:19:00
IV	895	0:20:00
<b>Total</b>	<b>21,995</b>	<b>0:18:00</b>

Year 2022, Frequency by Injury Severity Score		
Injury Severity Score	Frequency	Median Time On-Scene
1-8 (Minor)	7,843	0:18:00
9-15 (Moderate)	9,604	0:19:00
16-24 (Severe)	2,578	0:18:00
>24 (Very Severe)	1,902	0:15:00
NK/NR	68	0:15:00
<b>Total</b>	<b>21,995</b>	<b>0:18:00</b>

Year 2022, Frequency by Activation Type		
Activation Type	Frequency	Median Time On-Scene
No Trauma Activation	7,173	0:19:00
Partial	6,904	0:18:00
Full	4,350	0:15:00
Consult	3,519	0:19:00
NULL	32	0:15:30
Not Applicable	8	0:14:30
Unknown	9	0:13:00
<b>Total</b>	<b>21,995</b>	<b>0:18:00</b>

# 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, in an effort 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

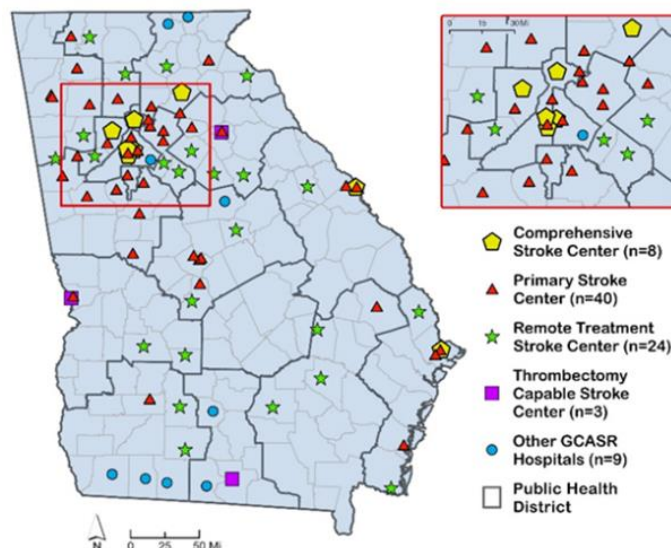
States in the southeastern U.S. have the highest incidence and mortality of stroke; as a result, this area of the U.S. is commonly referred to as the stroke belt. In an effort to reduce long-term disability, the GCASR and the State of Georgia Cardiovascular Health Initiative Program work to reduce heart disease-and stroke-related morbidity and mortality in Georgia. In 2021, 21,113 Georgians were hospitalized for acute stroke or transient ischemic attack in 122 Georgia hospitals.

Total stroke hospitalization charges were more than \$2.0 billion, with a median charge per patient of \$50,540.

Based on the Georgia Coverdell Acute Stroke Registry and Georgia death data, mortality from acute ischemic stroke and its complications in Georgia during 2021 was estimated to be:

- 7.7 percent at 30 days post-incident
- 16.7 percent at 1-year post-incident

**Acute Care Hospital Participants  
Georgia Coverdell Acute Stroke Registry, December 2022**

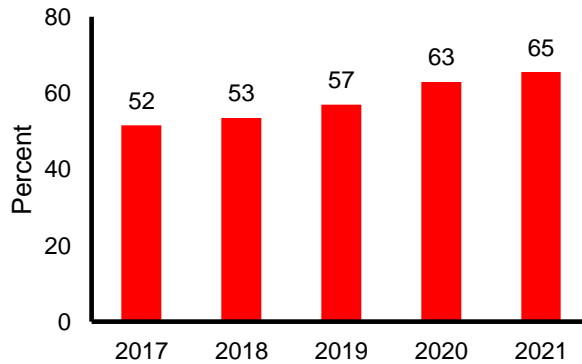


# GEORGIA COVERDELL ACUTE STROKE REGISTRY

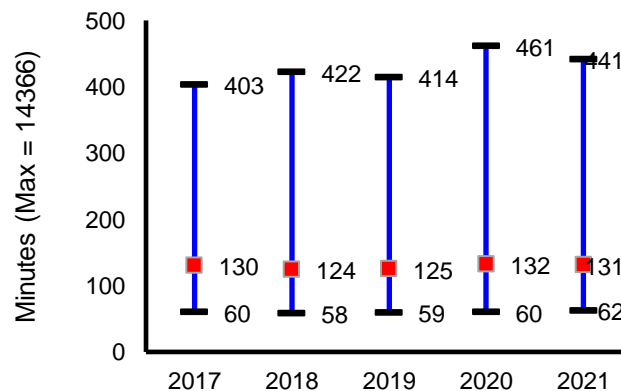
## STROKE REGISTRY & GEMIS DATA

- Analysis included data from 114,479 stroke patients' admissions to GCASR-participating hospitals during 2017 to 2021 and 11,327 presumable stroke patients transported by 43 EMS agencies from the field in 2021.
- In Georgia during 2021, among patients transported by EMS with provider impression of stroke/cerebrovascular accident or transient ischemic attack:
  - 81 percent had their last known well-time documented.
  - 78 percent had a stroke screen completed and recorded.
  - 94 percent had their blood glucose checked and recorded.
  - Median on-the-scene time was 16 minutes, and 42 percent had an on-scene time of less than 15 minutes.
  - Median travel time from scene to hospital was 14 minutes.
  - Median time from 911 call to hospital arrival was 46 minutes.
- In 2021, among 24,837 acute stroke admissions in GCASR facilities:
  - Forty-nine percent of stroke admissions were for patients brought to the hospital by EMS, 36 percent by private transportation, and 1 percent were transferred from one healthcare facility to another.
  - Hospitals received pre-notification from EMS for 65 percent of the stroke admissions brought by EMS.

Percentage of stroke patients transported by EMS with hospital pre-notification, GCASR, 2017-2021 (n=53,271)



Trend in median symptom onset to hospital arrival time among Acute Ischemic Stroke patients, GCASR, 2017-2021 (n=39,466)



# EMS FOR CHILDREN (EMS-C)



## What is EMSC?

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

- EMSC in Georgia
- EMSC 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.

# EMS FOR CHILDREN (EMS-C)

In 2021, Emergency Departments across the state were asked to part in the National Pediatric Readiness Project assessment as part of a national pediatric readiness collaborative. The assessment gauges a facility's readiness to handle pediatric emergencies.

- 109 Emergency Departments completed the assessment. Giving Georgia an 80% response rate.
- The state's average score was 66%.

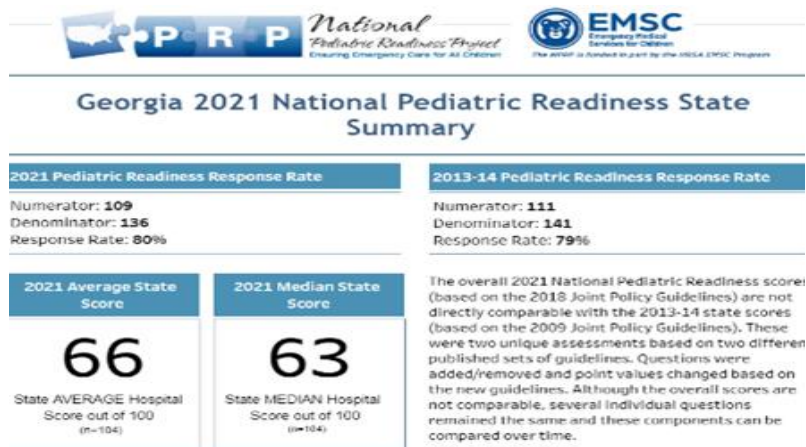
Georgia's 911 responding EMS agencies are asked to complete an annual EMS for Children survey. This assesses the availability and frequency of skill-checking on pediatric equipment and the availability of pediatric emergency care coordinators for an EMS agency.

2021	2022	Pediatric Patients
Response Rate: 82.1%	Response Rate: 39%	2021 Transports: 78,445
Agencies Peds CHAMPS: 49.2%	Agencies Peds CHAMPS: 53.6%	2021 ER visits: 698,390
Pediatric specific equipment: 28.7%	Pediatric specific equipment: 37.5%	2022 Transports: 87,808
		2022 ER visits: 816,391

## EMSC Projects

The Medical Recognition Committee continued work to establish a pediatric facility recognition program in Georgia.

- Injury Prevention began to create a safe transport of pediatric patients training for EMS providers.
- Work began on a Peds CHAMP training program.
- EMSC distributed reference materials and PALS instruction materials.



# EMS FOR CHILDREN (EMS-C)

## Georgia EMS for Children Program 2021 EMS Agency Survey Results

### Georgia Data Collection Numbers:

Number of Respondents: **124**

Number Surveyed: **151**

Response Rate: **82.1%**

Number of Records in Dataset (after data cleaning)\*: **122**

\*Data cleaning includes removing agencies that do not respond to 911, duplicates, etc.

### Performance Measures EMSC 02 and EMSC 03:

Number of Records Used in Performance Measure Calculation (see below): **122**

#### Performance Measure Exclusions\*:

Indian Health Services or Tribal Agencies Participating: **0**, Military Facilities

Participating: **0**, Air-Only Agencies: **0**, or Water-Only Agencies: **0**.

\* The agencies listed above are excluded from any final calculations related to the Performance Measures (see below). However, all states and/or territories were given the opportunity to survey these agencies for additional reporting based on state interest and need. Therefore, information from these agencies is included in all other data points.

**Pediatric Emergency  
Care Coordinator (EMSC 02):**

**49.2%**

**Use of Pediatric-Specific  
Equipment (EMSC 03):**

**28.7%**

# EMS FOR CHILDREN (EMS-C)

## Georgia EMS for Children Program 2022 EMS Agency Survey Results

### Georgia Data Collection Numbers:

Number of Respondents: **57**

Number Surveyed: **146**

Response Rate: **39.0%**

Number of Records in Dataset (after data cleaning)\*: **56**

\*Data cleaning includes removing agencies that do not respond to 911, duplicates, etc.

### Performance Measures EMSC 02 and EMSC 03:

Number of Records Used in Performance Measure Calculation (see below): **56**

#### Performance Measure Exclusions\*:

Indian Health Services or Tribal Agencies Participating: **0**, Military Facilities

Participating: **0**, Air-Only Agencies: **0**, or Water-Only Agencies: **0**.

\*The agencies listed above are excluded from any final calculations related to the Performance Measures (see below). However, all states and/or territories were given the opportunity to survey these agencies for additional reporting based on state interest and need. Therefore, information from these agencies is included in all other data points.

**Pediatric Emergency  
Care Coordinator (EMSC 02):**

**53.6%**

**Use of Pediatric-Specific  
Equipment (EMSC 03):**

**37.5%**

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GEORGIA DEPARTMENT OF PUBLIC HEALTH