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KENTUCKY EMS OATH

As a member of Kentucky's Emergency Medical Services community, I pledge that I will strive to:

Alleviate suffering, promote health, and do no harm;

Maintain professional competence and demonstrate concern for the competence of my peers;

Refuse to participate in illegal or unethical activity, and expose the same when engaged in by others;

Advocate for my patients, my colleagues, and my profession; and

Continuously improve my knowledge, skill, and abilities so that I can serve the public exceptionally.



WANT THE HEADS UP ON ALL THINGS EMS? DOWNLOAD OUR HEADS UP KY EMS MOBILE APP NOW!

The ability to inform Kentucky's emergency medical service community of information and upcoming events is critical. Welcome Heads Up KY EMS, a custom scripted software application used to quickly and easily generate messages for providers, medical directors, service directors, and TEI administrators, regarding meeting updates, events, and incidents where time is crucial! Heads Up KY EMS is free and easy to use for both Android and Apple iOS devices. Download Heads Up KY EMS today on the Apple App Store or Google Play Store!







1	WELCOME FROM OUR EXECUTIVE DIRECTOR	24	TRAINING & EDUCATIONAL INSTITUTIONS
2	OUR MISSION, VISION & VALUES	25	KENTUCKY EDUCATORS
3	EMS FAST FACTS	26	KENTUCKY PROVIDERS
4	MEET OUR TEAM	27-31	KENTUCKY INCIDENTS
5-6	MEET OUR BOARD	32	INCIDENT DESTINATIONS
7	BOARD ACCOMPLISHMENTS LEGAL ACCOMPLISHMENTS CURRENT BOARD PROJECTS	33	GROUND VS AIR MED TRANSPORTS
8-12	MEET OUR COMMITTEES	34	NALOXONE ADMINISTRATIONS
13-18	OUR ACCOMPLISHMENTS	35	HIGHWAY SAFETY INCIDENTS
19	MISSION: LIFELINE		
20	AMBULANCE BLOCK GRANT	36	CARDIAC ARREST INCIDENTS
21	EMS LINKS 2019	37	TOP IMPRESSIONS,
22	EMS VEHICLES		PROCEDURES & MEDICATIONS
23	KENTUCKY AGENCIES	38	COMMUNITY PARAMEDICINE
		39	STATEWIDE EMPLOYEE ATTRITION



WELCOME FROM OUR EXECUTIVE DIRECTOR



Every single day Kentucky Emergency Medical Responders, Emergency Medical Technicians, Advanced–Emergency Medical Technicians and Paramedics serve the people of the Commonwealth with pride. They deliver exceptional prehospital emergency medical care 24 hours a day, 365 days a year. While EMS professionals and projects in Kentucky continue to receive national recognition, we continually strive to improve service delivery and elevate our standards of excellence.

The Kentucky Board of Emergency Medical Services strives to establish a unified, comprehensive and effective EMS system within the Commonwealth of Kentucky, ensuring that the EMS systems across our state will be recognized as leaders in the prehospital care arena.

We will satisfy this goal by promoting excellence through regulation, encouraging healthy communities, enhancing community support for EMS, and collaborating with public health and emergency management coordination efforts.

The Kentucky Board of EMS will advocate for continued EMS integration into the healthcare community, focusing our efforts on EMS research and strategic governance, and developing and managing an organized repository of information, standards and guidelines for EMS providers.

I can proudly say that our staff accepts the challenge to support progressive development of EMS in the Commonwealth of Kentucky, and we believe that through collaborative efforts with each EMS agency and provider in Kentucky, that we will enhance the health and safety of our citizens.

Respectfully,

Mike Poynter, EMT-P, CP-C, FACPE

Executive Director

Kentucky Board of Emergency Medical Services



OUR MISSION, VISION & VALUES



The Kentucky Board of Emergency Medical Services' mission is to ensure availability of high quality emergency medical services for the Commonwealth of Kentucky through collaboration with EMS providers and agencies by:

Ensuring quality, competent EMS care through effective oversight, communication and education;

Advancing professionalism of EMS providers and agencies;

Promoting the health and safety of patients, EMS professionals and agencies; and

Providing leadership for EMS.

HOW DO WE ACCOMPLISH OUR MISSION?

- » Credentialing of all EMS responders in the state.
- » Annual inspections of all EMS agencies and initial and annual inspections of ambulances licensed in Kentucky.
- » Administration of ambulance grant funding.
- » Processing of all EMS-related courses conducted by Kentucky EMS Training & Educational Institutions (TEIs).
- » Approves EMS TEIs as National Registry Educational programs.
- » Certification and licensure audits.
- » Investigation of complaints against any EMS responder or agency.
- » Due process for EMS responders and agencies under pending legal action.
- » Administration of discipline of EMS responders and agencies
- » Approval of EMS medical directors and protocols.
- » Participation in disaster preparedness and mass casualty planning.
- » Oversight and management of the EMS for Children (EMSC) program.

OUR VISION

Through transparent practices, KBEMS will ensure and promote high quality

OUR VALUES

EMS FAST FACTS

FACT CHECK! DID YOU KNOW?

EMS is a vital component of healthcare, on any given day, in almost every community in our nation, responding to calls for help, 24/7.

According to the 2011 National EMS Assessment, EMS responds to 37 million calls per year in the United States with annual expenditures of approximately \$5 billion!



KENTUCKY FACTS

4,436,974

Total Population 2016 US Census Bureau

\$24,063

Per Capita Income 2011-15 US Census Bureau

40,408

Square Miles 2016 US Census Bureau

84%

High School Graduation Rate 2011-15 US Census Bureau

EMS PROVIDER LEVELS

EMERGENCY MEDICAL RESPONDER

INITIAL TRAINING HOURS = 50 | RECERTIFICATION HOURS = 17

Possess knowledge and skills necessary to provide immediate lifesaving interventions while awaiting additional EMS resources to arrive; provide assistance to higher-level personnel at the scene of emergencies.

EMERGENCY MEDICAL TECHNICIAN

INITIAL TRAINING HOURS = 150 | RECERTIFICATION HOURS = 24

Possess knowledge and skills necessary to stabilize and safely transport patients raning from non-emergency and routine medical transports to life threatning emergencies.

ADVANCED EMERGENCY MEDICAL TECHNICIAN

INITIAL TRAINING HOURS = 400 | RECERTIFICATION HOURS = 48

Performs interventions with basic and advanced equipment typically found on an ambulance, and is an important link for administering ALS care from the scene to the emergency health care system.

PARAMEDIC

INITIAL TRAINING HOURS = 2,000 | RECERTIFICATION HOURS = 60

An allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients, and who possesses the complex knowledge and skills necessary to provide patient care and transportation.

MEET OUR TEAM



Robert Andrew Director of Education & Training



Drew Chandler Data Administrator



Ray Chesney Inspector/Liaison



Paula Coyle Inspector/Liaison



Calynn Fields Resource Management **Specialist**



Brooke French Certification Specialist



Greg Hiles Marketing Manager



Sam Lowe Investigator



Dr. Julia Martin State Medical Advisor



Chuck O'Neal Deputy Executive Director



Paul Phillips Director of Field **Operations**



Michael Poynter **Executive Director**



Monica Robertson Data Analyst



Courtney Robinson Certification Specialist



Morgan Scaggs EMS-C Project Director



Eddie Slone Inspector/Liaison



Janet Sweeney Financial Analyst



Carolyn Threlkeld Administrative Assistant

MEET OUR BOARD



Phil Dietz, Chair Representing: Fire Service Based, licensed Class I Ground Ambulance Service Administrator who is a certified **Emergency Medical Technician or** licensed Paramedic



Ashley Powell, Vice-Chair Representing: Basic Life Support, License Class I government-operated Ground Ambulance Service **Administrator**



Adrienne Bryant Representing: Emergency Medical Technician Basic



Jessica Fette Representing: Mayors



Tracey Franklin Representing: Emergency Medical Services Education from a Kentucky College that provides an EMS Educational Program



William Haugh Representing: Hospital Administrators



Jim Lee Representing: Citizens at Large



Walter Lubbers, M.D. Representing: Physician Licensed in Kentucky having a primary practice in the delivery of emergency medical



Kevin Neal, Judge Executive Representing: County Judge/ Executives Operating Licensed Class I Ground Ambulance Services



Timothy Price, M.D. Representing: Physicians serving as a Medical Director of an advanced Life Support Ambulance Servi ce

MEET OUR BOARD



Allison Rains, M.D. Representing: Physicians who are routinely involved in the emerency care of ill or injured children



Michael Reynolds Representing: Advanced life support government-operated ambulance service administrators



Chad Scott Representing: Private Licensed Class I Ambulance Service Administrators who is a Certified Emergency Medical Technician or Licensed Paramedic



Robbie Smither Representing: First Responders



David Webb Representing: Licensed Air Ambulance Service administrators or paramedics for a licensed air ambulance

DID YOU KNOW?

- Our Board is a volunteer board, with only expenses being covered.
- Terms last 3 Years
- In order to become a Board Member, you must apply through the Kentucky Governor's Boards and Commissions Office. They accept applications through their website. Check with the Boards and Commissions Office to confirm deadlines and the application process. Board Members are appointed annually every September.

BOARD ACCOMPLISHMENTS

- » Phil Deitz was elected Chair of the Board for 2019-2020.
- » Ashley Powell was elected Vice-Chair of the Board for 2019-2020.
- » The State Medical Advisor reviewed and approved sixty (60) medical protocol submissions
- » The Director of Field Operations processed fiftysix (56) agency Medical Director approvals.
- » Promulgated an amendment to Administrative Regulation 202 KAR 7:520 Allocation of block grant funding assistance for emergency medical services.
- » Created Administrative Regulation 202 KAR 7:575- Fee schedules of licensed ambulance providers.
- » Promulgated an amendment to Administrative Regulation 202 KAR 7:560-Ground vehicle staff.
- » Approved KBEMS Budget for 2019-2020.
- » Distributed Ambulance Block grants to 104 agencies totaling \$1,040,000.00.
- » Promulgated an amendment to Administrative Regulation 202 KAR 7:020- Board Organization.
- » Approved 2019-2020 Board/Committee/ Subcommittee Schedule.
- » The KBEMS Executive Director requested an audit of the organization. Audit findings were presented to the board.
- » Presented recognition to Dr. Jeff Thurman as first physician in Kentucky to be board certified in Emergency Medical Services from a Kentuckybased EMS Residency program.

LEGAL ACCOMPLISHMENTS

- » Received and filled 116 Open Records during the calendar year.
- » Conducted investigations of 60 complaints lodged against individuals, agencies, and TEIs.
- » Issued 54 Agency Data Statements of Violation for late EMS data submission consistent with 202 KAR 7:540.
- » Provided daily operational guidance to individuals, agencies, and others in regard to EMS statutory and regulatory interpretation.
- » Provided numerous lectures at Regional, State, and National conferences.
- » Reviewed 6,409 criminal background checks for applicants for certification/licensure renewal.
- » Scheduled and provided staff facilitation and resources for Board, Standing Committee, Subcommittee, Task Force and Preliminary Inquiry Board meetings.
- » Submitted Coordinated requests for Advisory Opinions.
- » Submitted the following administrative regulations for approval to the Legislative Research Commission:

202 KAR 7:020- Board Organization 202 KAR 7:520- Block Grant Funding 202 KAR 7:560- Ground Vehicle Staff 202 KAR 7:575- Fee schedules of licensed ambulance providers

CURRENT BOARD PROJECTS MOVING #KYEMSFORWARD

- » Development of online continuing education training for EMS professionals.
- » Development of EMS Physician Medical Director training and credentialing program.
- » Implementation of the statewide C.A.R.E.S. program to enhance cardiac arrest survival.
- » Development of online sexual violence awareness training platform.
- » Continued development of EMS recruitment and retention strategies.





The Kentucky Board of Emergency Medical Services has multiple committees and subcommittees, made up of both members on non-members of the board, that meet throughout the year to focus on specific topics and initiatives.

Members shall have a term that expires September 30 of each calendar year. Reappointments for subsequent terms may be made by the Board Chair anytime after September 1 and before September 30.

Subcommittees serve in an advisory role to their respective standing committee and the Board by providing guidance in terms of strategic planning, policy development and organization.

Meeting dates and minutes are available at: kyems.com.

SUBCOMMITTEES OF THE BOARD **COMMITTEES OF THE BOARD EXECUTIVE COMMITTEE CARDIAC & STROKE CARE EDUCATION COMMITTEE MOBILE INTEGRATED HEALTHCARE & EMS-C COMMITTEE COMMUNITY PARAMEDICINE** DATA COLLECTION COMMITTEE MEDICAL OVERSIGHT COMMITTEE

EXECUTIVE COMMITTEE

The executive committee shall address legislative issues and proposals and review administrative regulations for submission to the board including:



- (a) 202 KAR 7:020 Board Organization: Recommending to the board promulgation of administrative regulations, amendment of administrative regulations, or repeal of administrative regulations relating to:
- 1. All levels of personnel licensed or certified by the board and ambulance services licensed or certified by the board;
- 2. Rules and operating procedures for the board and each of its standing committees and task forces;
- 3. EMS Grant Program; and
- 4. EMS for Children Program;

- (b) Serving as a resource for board staff:
- 1. In reviewing applications regarding requests for funding under programs administered by or overseen by the board;
- 2. With the development of funding programs or applications, including state and federal grants pertaining to EMS and monitoring and reviewing the grants once received by the Board;
- 3. With creating and recommending to the board a biennial budget for the board prior to submission to appropriate state agencies;
- 4. With identifying, developing and recommending to the board sources of funding for its programs; and
- 5. In developing reimbursement programs and providing consult for emergency medical service providers.

MEMBERS ASHLEY POWELL, CHAIR JOE PREWITT, VICE-CHAIR **CARLOS COYLE** JIM DUKE TRACEY FRANKLIN **WILLIAM HAUGH DAVID WEBB**

EX OFFICIO

MICHAEL POYNTER KBEMS EXECUTIVE DIRECTOR

CHUCK O'NEAL KBEMS DEPUTY EXECUTIVE DIRECTOR

EDUCATION COMMITTEE

The Education Committee shall consist of seven (7) voting members representative of EMS Educators in the state of Kentucky. At least one (1) voting member of the Education Committee shall also be a member of the Kentucky Board of Emergency Medical Services. The Committee shall meet at least six (6) times annually. The purpose and charge of the Education Committee shall be to:

- (a) Assist the board in developing a strategic plan for EMS education in the state of Kentucky;
- (b) Act as a resource for EMS educators and EMS-TEIs in the Commonwealth; and
- (c) Assume the lead role in formulating, drafting, and sending to the board for approval and subsequent promulgation of all administrative regulations that set the standards and requirements for EMS education in Kentucky.



MEMBERS DEBBIE BERRY, CHAIR CHUCK CREMEANS MICHAEL REYNOLDS, **DAVID FIFER VICE-CHAIR** TRACEY FRANKLIN TIM MAY **EX OFFICIO ROBERT ANDREW**

KBEMS DIRECTOR OF EDUCATION & TRAINING

MEDICAL OVERSIGHT COMMITTEE

The medical oversight committee shall address issues pertaining to quality assurance, medical control, scope of practice, medical standards of curricula or other related issues as may be assigned by the board.



MEMBERS

DR. WALT LUBBERS, CHAIR **BRANDON REMELY**

JOHN HOLDER, VICE-CHAIR **ROBBIE SMITHER**

JEREMY JEFFREY DR. JEFF THURMAN

STEVE LISTERMAN

EX OFFICIO

DR. JULIA MARTIN KBEMS STATE MEDICAL ADVISOR CHUCK O'NEAL KBEMS DEPUTY EXECUTIVE DIRECTOR

EMSC COMMITTEE

The Emergency Medical Services for Children Program may include but not be limited to the establishment of the following:

- (a) Guidelines for necessary out-of-hospital medical service equipment;
- (b) Guidelines and protocols for out-ofhospital pediatric emergency medical services:



- (c) Assistance in the development and provision of professional education programs for emergency medical services personnel for the provision of emergency care of infants and children:
- (d) Coordination and cooperation between the Emergency Medical Services for Children Program and other public and private organizations interested or involved in emergency care for children:



- (e) Assistance with the purchase of equipment for the provision of medical services for children only; and
- (f) The scope of activities carried out by and the provision of staff for the Emergency Medical Services for Children Program shall be commensurate with the availability of funds.

MEMBERS

MARY FALLAT, M.D., CHAIR MORGAN SCAGGS, EMT-P, VICE-CHAIR MARGARET GUPTON, EMT-P **ERIKA JANES, RN** LANDON JONES, M.D.

MARK MCDONALD, M.D. SUSAN POLLACK, M.D. **MELANIE TYNER-WILSON CAROL WRIGHT, RN**

EX OFFICIO

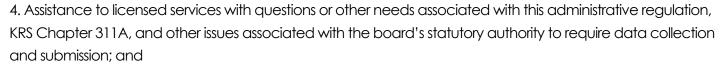
SCOTTIE DAY DAVID FOLEY

SANDRA HERR BARI LEE MATTINGLY

DATA COMMITTEE

The Data Collection Committee shall consist of seven (7) members appointed by the board chair in the manner established in 202 KAR 7:020.

- (a) Any office of the board staff member specifically employed through or designated by the Kentucky Community and Technical College System (KCTCS) for the purpose of EMS data collection and analysis shall serve as the staff liaison for the Data Collection Committee.
- (b) The Data Collection Committee shall be responsible for the following:
- 1. The development of a statewide plan for data collection and compliance;
- 2. Identification of information initiatives for EMS in Kentucky;
- 3. Identification and research of funding sources tied to EMS data collection:



- 5. Matters identified by board members, the chair, or the executive director that involve data collection, data submission, or information use.
- (c) The Data Collection Committee shall schedule on an annual basis at least six (6) regular meetings.







FIELD OPERATIONS

- » Began enforcement of new KBEMS Ground Ambulance Regulations: 202 KAR 7:501; 202 KAR 7:545; 202 KAR 7:550; 202 KAR 7:555; and 202 KAR 7:560.
- » Created and rolled out new license renewal and inspection process that combined the two processes and streamlined processing.
- » Updated all KBEMS inspection checklists to reflect new KBEMS Ground Ambulance Regulations.
- » Updated KBEMS Agency License & Vehicle Inspection Manual to version 2.1.
- » All KBEMS Field Staff completed National Certified Investigator Training Basic Program from the Council on Licensure, Enforcement & Regulation.
- » Director of Field Operations attended the National Association of EMS Officials Annual Meeting in Salt Lake City, UT and continued participation with the NASEMSO Agency & Vehicle Licensure committee.

Inspection Requirement	Regulation/ Statute Violated	Number of Violations
(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic.	202 KAR 7:550 Section 1(1)(b)	2
Stow all equipment weighing three (3) pounds or more in an enclosure, bracket, mount, or other appropriate securing device.	202 KAR 7:550 Section 1(1)(d)	5
The air-conditioning system shall minimally deliver a temperature of sixty-five (65) degrees Fahrenheit or less from the vent or vents in the driver and patient compartments in warm weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(a)	1
The heating system shall minimally deliver a temperature of eighty-five (85) degrees Fahrenheit or more from the vent or vents in the driver and patient compartments in cool weather conditions as determined by a standard automotive testing thermometer.	202 KAR 7:550 Section 1(3)(b)	1
The patient care area lighting shall be fully functional.	202 KAR 7:550 Section 1(3)(d)	2
All linen used for patient care including sheets, blankets, pillowcases, pillows, towels, and washcloths shall be stowed in a separate cabinet and secured from body fluids. (b) One (1) pillow, one (1) pillow-case, one (1) fitted sheet, two (2) flat sheets, one (1) towel, and two (2) blankets may be utilized on the stretcher that is in-service and shall not require stowing.	202 KAR 7:550 Section 1(7) (a, b)	1
Each ambulance equipped with a mobile two-way radio with a control point in driver's and patient compartment. Radios must have capability, under normal conditions, of operating on agency, dispatch center, mutual aid and hospital frequencies	202 KAR 7:550	14
Capability to communicate on all VHF Ky State Mutual Aid Frequencies, per the Ky Field Operations Guide	202 KAR 7:550	9
Two (2) sources of suction apparatus, one (1) of which shall be mechanically operated	202 KAR 7:550 Sec 2(2)(a)1	1
Blind-Insertion Airway Device (BIAD) (adult and pediatric)	202 KAR 7:550 Sec 2(2)(a)8	1
An AED with a minimum of two (2) complete sets of pads suitable for adult and pediatric populations for all non-ALS vehicles	202 KAR 7:550 Sec 2(2)(d)11	4
Pulse oximeter with pediatric and adult probes	202 KAR 7:550 Sec 2(2)(d)12	3
A length-based resuscitation tape or a reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing based on length or weight	202 KAR 7:550 Sec 2(2)(d)13	3

[CONTINUED ON PAGE 14]



FIELD OPERATIONS

Inspection Requirement	Regulation/ Statute Violated	Number of Violations
OB Supplies	202 KAR 7:550 Sec 2(2)(d)	1
A pediatric transport device with a minimum weight range of ten (10) to forty (40) pounds	202 KAR 7:550 Sec 2(2)(i)	8
A stair chair for the movement of patients in a seated position.	202 KAR 7:550 Sec 2(2)(j)	3
A disposable bed pan	202 KAR 7:550 Sec 2(5)(c)	1
0-4, straight Miller	202 KAR 7:550 Sec 3(2)(a)2a	1
2-4, curved Macintosh	202 KAR 7:550 Sec 3(2)(a)2b	1
Long-large bore needles or angiocatheters (at least 3.25 inches in length for needle chest decompression in large patients)	202 KAR 7:550 Sec 3(2)(c)4	4
A minimum of ten (10) triage tags consistent with START System of Triage	202 KAR 7:550 Sec 2(2)(d)4	2
Minimum Staffing Requirements (Class III)	202 KAR 7:560 Sec 1(6)	1
Personnel Files	202 KAR 7:555 Section 2(1)(c)	11
Each agency shall maintain a policy or affiliation agreement with the primary call-taking center that provides dispatch services for all or part of the service area of the ground agency.	202 KAR 7:555 Section 3(10)	1
A licensed agency shall have a written plan to assure all requests for service shall be promptly answered	202 KAR 7:555 Section 3(5)	1
A written plan for the quality assessment of patient care and provider quality improvement	202 KAR 7:555 Section 2(1)(j)	1
A plan and records for the provision of continuing education for staff and volunteers	202 KAR 7:555 Section 2(1)(f)	1
A policy for the provision of a pre-employment and annual health assessment of employees of the agency	202 KAR 7:555 Section 2(1)(d)	2
Providing unauthorized level of service	202 KAR 7:560 Sec 1	1
A standby or backup power source other than the one (1) contained in the isolette (Class III, Neonatal Subclassification)	202 KAR 7:550 Sec 6(b)	1
A written orientation program for all personnel	202 KAR 7:555 Section 2(1)(I)	1
A written plan for providers to consult with online adult and pediatric medical direction.	202 KAR 7:555 Section 2(1)(e)	1
Epinephrine on ambulance	KRS 311A.195	1

EMSC

KENTUCKY EMSC **PERFORMANCE MEASURES**

By 2026, 90 percent of EMS agencies in the state or territory have a designated individual who coordinates pediatric emergency care.

By the end of 2019, 53% of 911-responding ground EMS services had designated a Pediatric Emergency Care Coordinator (PECC).

By 2026, 90 percent of EMS agencies will have a process that requires EMS providers to physically demonstrate the correct use of pediatric-specific equipment

In 2017, 21% of KY agencies met this metric and reassessment will be completed in 2021.

A recent study "found that the availability of a PECC in an agency is associated with increased frequency of pediatric psychomotor skills evaluations.

*Hilary A. Hewes, Michael Ely, Rachel Richards, Manish I. Shah, Stephanie Busch, Diane Pilkey, Katherine Dixon Hert & Lenora M. Olson (2018): Ready for Children: Assessing Pediatric Care Coordination and Psychomotor Skills Evaluation in the Prehospital Setting, Prehospital Emergency Care, DOI:

- » Provided and supported pediatric education for EMS providers throughout the state.
- » Represented KBEMS and EMS on multiple state and national boards and committees focused on pediatric issues.
- » Morgan Scaggs served as Chair of the Pediatric Emergency Care Council of the National Association of State EMS Officials.
- » Distributed pediatric transport devices, lengthbased resuscitation tapes, and Safe Infant packets to EMS agencies.
- » Publication of the KIDSTUFF quarterly newsletter.
- » Hosted the 3rd annual meeting of the Kentucky Pediatric Emergency Care Coalition, a collaborative effort focused on improving pediatric emergency care in the emergency department.
- » Recognized two additional hospital emergency departments as Pediatric Ready, bringing the total number of recognized facilities to five.

Recognized 13 EMS Agencies for commitment to improving Pediatric Emergency Care:

Buechel Fire Protection District **Burlington Fire Protection District** Georgetown Scott County EMS Hebron Fire Protection District (2nd yr) Kings Daughters Medical Transport Madison County EMS (2nd yr) The Medical Center EMS (2nd yr) Mercy Regional EMS Murray Calloway County Hospital Ambulance Service Oldham County EMS

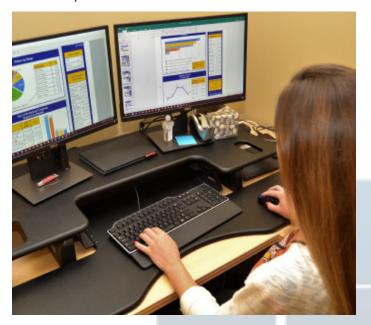
Pikeville Fire and EMS Somerset Pulaski County EMS Whitley County EMS





DATA

- » Awarded a grant from the Kentucky Transportation Cabinet's Office of Highway Safety for \$93,440.00 to continue work on the Kentucky State Ambulance Reporting System (KSTARS) data program.
- » Initiated conversion of PDF forms and checklists to web pages for streamlined edits and mobile user experience improvement
- » Provided Using Your Agency's Data for Publications lecture at the ImageTrend Connect User Conference and Training in St. Paul, MN.
- » Recommended revisions to the 202 KAR 7:540 Data Collection Regulation.
- » Collected supplemental data for the Mobile Integrated Healthcare / Community Paramedicine Pilots for program evaluation.
- » Developed and released a real-time lookup of provider credentials and companion certifications on an updated provider card.
- » Executed a data sharing agreement for use of Biospatial analytic tools.
- » Participated with the Kentucky Highway Safety Traffic Records Advisory Council.
- » Data Administrator Drew Chandler was elected Secretary of the National Association of State



EMS Officials' Data Manager Council.

- » Participated with the FEMA Regional **Emergency Communication Coordinating** Workgroup.
- » Testified in US Department of Transportation's Occupant Protection Assessment for Kentucky.
- » Collaborated with Kentucky Office of Rural Health to apply for a grant to participate in the Cardiac Arrest Registry to Enhance Survival (CARES).
- » Performed daily administration and maintenance activities to ensure operational readiness of all systems.

KSTARS AND KEMSIS HIGHLIGHTS

894,155

Incident reports received in KSTARS

2,153

Customer support cases fielded

115

Requested software enhancements for

KEMSIS and KSTARS

57

Open Records requests processed for

KEMSIS data

49

Open Records requests processed for

KSTARS data

EDUCATION & TRAINING



- » Finalized and submitted revisions to 202 KAR 7:201, 7:301, 7:330, 7:401, and 7:601 to remove antiquated and adverse language from regulations to improve retention and speed up issuance of initial certification and licensure.
- » Completed testing and implemented final production of revised EMS provider applications to lessen the time and paperwork burden on EMS providers applying for certification and/ or licensure and to reduce time of issuing certification and/or licensure to same day if application is complete.
- » Completed over 20,000 digital conversions of certification and licensure files into the Kentucky Emergency Medical Services Information System (KEMSIS).
- » Continued support of the online module for "Telephone-Cardiopulmonary Resuscitation (T-CPR)" course for telecommunicators, which fulfills the requirements described in Senate Bill 142 (2018). This course is for telecommunicators (dispatchers) that need to comply with training requirements mandated by KRS 15.550, KRS 15.585 and KRS 15.530 to 15.590. To date 782 telecommunicators and emergency managers have completed the training.
- » Created and implemented the online module for First Responder Opioid Awareness and Exposure Training in cooperation with the Kentucky Department for Public Health. The First Responder Opioid Awareness and Exposure Training provides unified, scientific, evidence-

- based recommendations to first responders so they can protect themselves when the presence of opioids is suspected during their daily activities. To date over 2,000 emergency service providers have completed the training.
- » Created and implemented the online module for Alpha-gal, an emerging allergic syndrome spreading across the southern U.S. The Alphagal training course will provider an overview of Alpha-gal syndrome (AGS), including causes, signs and symptoms, emergency treatment, diagnosis and management, and prevention to increase awareness of the syndrome in Kentucky. In the three months since its release 82 emergency service providers have completed the training.
- » In cooperation with The Kentucky Association of Sexual Assault Programs created and implemented the Sexual Violence Awareness Train the Trainer Course. The purpose of the Sexual Violence Awareness Train the Trainer Course is to establish trainers across the state to provide Sexual Violence Awareness Training for EMS responders in their service regions. This course is required for KBEMS certified educators to teach the new Sexual Violence Awareness Course required by KRS 311.A120, (3) Effective June 27, 2019. Over 100 emergency medical educators across the state completed the course.

[CONTINUED ON PAGE 18]

EDUCATION & TRAINING

- » In cooperation with The Kentucky Office for Rural Health KBEMS offered the EMS Leaders in Kentucky Summit (EMS LINKS) in Frankfort, Kentucky in which 128 EMS leaders attended to learn about current trends and best practices of leadership and management in EMS.
- » The KBEMS Director of Education, Robert Andrew successfully completed and became certified as a National Certified Investigator & Inspector through the Council on Licensure, Enforcement and Regulation.
- » Participated with the National Association of State EMS Officials Personnel Licensure Council and Education Committee.
- » Participated with the FBI-InfraGard National Awards Committee for the selection of recipients for the InfraGard National Congress Awards Ceremony.
- » Participated with the Kentucky State Ebola Assessment Team to determine minimum compliance and readiness as an identified Ebola Assessment Hospital.
- » Participated with the Kentucky Medical Orders for Scope of Treatment Coalition.
- » Automated the EMS-TEI renewal process to lessen the time and paperwork burden on EMS-TEI's. Quality measures through random audits are in place to measure compliance.
- » Conducted 105 EMS provider continuing education audits.
- » Conducted 18 Emergency Medical Services Training and Educational Institution audits.
- » Conducted 19 Emergency Medical Services Training and Educational Institution inspections for initial certification and upgrades.
- » Issued 163 (2018 numbers) initial EMS certification course approval numbers. This includes Emergency Medical Responder, Emergency Medical Technician, Advanced Emergency Medical Technician, and Paramedic Courses.

- » Issued 16 continuing education course approvals for Kentucky EMS/Healthcare symposiums.
- » Issued 7 plans of corrections to Emergency Medical Services – Training and Educational Institutions for regulatory violations.
- » Issued 7,707 (2018 numbers) EMS provider certifications and/or licenses.
- » Issued 98 (2018 numbers) EMS-TEI licenses.
- » Added a QR code to the back of EMS provider certification/licensure cards for easy access and reliable online lookup for certification/licensure verification.
- » Provide daily regulatory and operational guidance to KBEMS certified educators, Emergency Medical Services – Training and Educational Institutions, and other stakeholders regarding EMS certification, licensure, and education.
- » Education Committee created education curriculum for the Kentucky Community Paramedicine Program and continued oversight of the Accreditation Work Group created to identify best practices and develop resources that will promote retention and success for future and existing Paramedic Training and Educational Institutions.



MISSION: LIFELINE

The American Heart Association recognizes the critical life-saving role prehospital emergency services provide to the overall success of a STEMI system of care. The availability of 12-lead ECGs and well trained EMS providers allow for rapid identification of STEMIs, early activation of hospital emergency and cardiac teams and transportation to a STEMI Receiving or Referral center for immediate care.

> The EMS agencies recognized here have achieved 75% or higher on the following criteria that are applicable to their systems:

Patients with nontraumatic chest pain ≥ 35 years, treated and transported by EMS who receive a pre-hospital 12-lead electrocardiogram

STEMI patients transported directly to a STEMI receiving center with prehospital first medical contact-to-device time ≤ 90 minutes

Lytic-eligible patients transported to a STEMI referring center with a doorto-needle time in ≤ 30 minutes

2018 AHA MISSION: LIFELINE RECIPIENTS

Air Methods Kentucky (joint achievement award-Meade Co. EMS) -Silver Plus

Alexandria Fire District - Bronze Plus

Anchorage Middletown Fire and EMS -Silver Plus

Boyle Co. EMS - Gold

Buechel Fire EMS - Silver Plus

City of Erlanger Fire/EMS - Silver Plus

Georgetown-Scott Co. EMS - Silver Plus

Hardin Co. EMS - Silver

Independence Fire District - Gold Plus

Jessamine Co. EMS - Gold Plus

Lexington Fire and EMS - Silver Plus

Louisville Metro EMS - Gold

Lyon Co. EMS - Bronze Plus

Madison Co. EMS - Gold Plus

Mayfield-Graves Co. Ambulance - Bronze

Medical Center EMS - Gold Plus

Mercy Regional EMS - Bronze Plus

Montgomery Co. Fire & EMS - Silver Plus

Murray Calloway Co. EMS - Silver Plus

Oldham Co. EMS - Silver Plus

Shelby Co. EMS - Gold Plus

Somerset-Pulaski Co. EMS - Bronze Plus



AMBULANCE BLOCK GRANT

KRS 311A.155 Authorizes the Kentucky Board of Emergency Medical Services to maintain a block grant fund program for the purpose of assisting units of local government in the provision of emergency medical services. This administrative regulation establishes standards and criteria governing the allocation of emergency medical services funding assistance to eligible applicants. An annual grant allocation in the amount of \$10,000.00 is distributed to each applicant county that is in compliance.

(Grant Money Awarded		MOST FREQUENTLY PURCHASED ITEMS	
2016	2016 \$1,035,870			
2017	\$980,0	00	Ambulance, Chassis/Remount, Lease Payment	
2018	\$1,060	,000	Power Stretcher	
2019	\$1,080	,000	Video Laryngoscope	
			Training Equipment & Manikins	
			Mechanical Chest Compression Device	
			EZ IO Drills/bags	
			Mobile / Portable Radio	
	No.		Stryker Stair Chair	
			Hazmat Equipment	
			Backboard	
			Monitor / Defibrillator	
	AMBU		Traction Splint	
			Transport Ventilator	
	9	118911111111	Laptop Computer	
and an analysis of the second				

EMS LINKS 2019



KBEMS partnered with the Kentucky Office of Rural Health to host the 2019 EMS LINKS (Leaders in Kentucky Summit) event on May 23 as part of National EMS Week. The event was held in Frankfort at the Buffalo Trace Distillery Clubhouse and was attended by more than 200 EMS professionals who go beyond the call and always remain #EMSstrong. Not only did this opportunity allow all in attendance to reflect on the current state of EMS and where it's headed in the future, but it also gave participants a chance to network and recognize one another for all the sacrifices made in this line of work, a duty that all in attendance feel called to, to carry out.



We were pleased to have a variety of speakers join us to discuss a variety of topics, like:

- » Joseph "Jay" Fitch, PhD; Dancing with Elephants
- » Todd Stout; Building the Right Team Recruitment & Retention
- » Rob Farmer, BSM, FACPE; The Portrait of a Leader
- » Craig Caudill; The Art of SurTHRIVal
- » Tim Farmer; Overcoming Obstacles through Hard Work & a Positive Attitude
- » Chris Cebollero; To Lead You Have to Serve: The Art of Servant Leadership



And we could not have done this without the support of our other event partners:

- » Premier Partners: KAPA, Stryker, and Zoll
- » Supporting & Strategic Partners: Air Methods, First Watch, Public Consulting Group, and 911 Billing Services and Consulting, Inc.





EMS VEHICLES



TYPE I

A Type I is a Cab Chassis with modular body. The major feature of a Type I ambulance is that it is based on a truck style body with a separate driver compartment. Most heavy duty ambulances are of this type.



TYPE II

Type II ambulances are a long wheelbase van type with an Integral cab design. Many long-distance transport services use Type II ambulances because of their increased fuel efficiency. In general they do not make for practical emergency services because of their cramped spaces.



TYPE III

A Type III ambulance, much like a Type I ambulance, has a separate square patient compartment that is mounted onto an existing chassis. The difference between the two ambulances lies in what types of chassis are used. A Type 3 ambulance is mounted on the cut-a-way chassis of a van, whereas Type I ambulances utilize a truck chassis.



ROTOR WING

Rotary-wing refers to the rotating "wings" (or blades) used by helicopters. Helicopter ambulances are used in a variety of situations, primarily dealing with emergency response. Hospitals utilize them to carry specially trained air EMS teams out to a location where a patient has been injured, and then to escort the patient safely and quickly back to the hospital.



FIXED WING

Fixed-wing refers to wings that do not move, or are "fixed" in a specific location on the aircraft. Longer-distance air ambulances possess hightech medical equipment to accommodate a patient and a medical crew. Fixed-wing ambulances are a necessity for quickly and comfortably transporting patients across countries, oceans and continents.

1,142

Licensed Ambulances

131

Vehicles Added

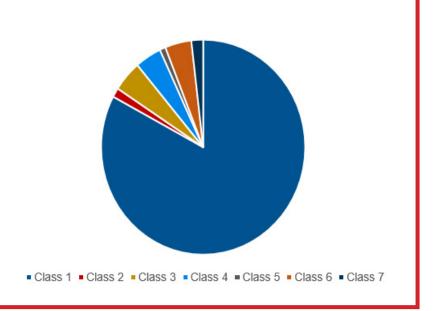
Licensed Vehicles			
Type I	327		
Type II	195		
Type III	458		
Air Rotor Wing	63		
Air Fixed Wing	3		

*96 Vehicles with no 'Vehicle Type'

KENTUCKY AGENCIES

Kentucky Licensed Agencies

KY Licensed Agencies				
Classification	#	%		
Class I	178	83%		
Class II	3	1%		
Class III	10	5%		
Class IV	9	4%		
Class VI	2	1%		
Class VII	9	4%		
Class VIII	4	2%		
Total	215	100%		



Permit Level				
ALS Only	19	ALS & BLS	173	
BLS Only	20	ALS - Rotor, ALS/BLS - Fixed	3	

Agency Organization Type				
Community, Non-Profit	45	Hospital	22	
Fire Department	53	Private, Non-Hospital	57	
Governmental/ Non-Fire	38			

Class I ground ambulance services shall operate at the ALS or BLS level to provide **CLASS I** emergency and nonemergency transportation.

CLASS II Class II ground ambulance services shall operate at the BLS level only to provide nonemergency transportation.

CLASS III Class III ground ambulance services shall operate at the ALS level only to provide critical care, emergency or nonemergency transportation between health care facilities.

CLASS IV Class IV ground ambulance services shall operate at the ALS or BLS level to provide emergency and nonemergency transportation for restricted locations such as industrial sites and other sites that do not provide services outside a designated site.

CLASS VI Class VI services provide ALS medical first response without patient transport.

CLASS VII Class VII rotor wing air ambulance services may provide ALS emergency or nonemergency transportation. Fixed wing class VII services may provide ALS or BLS emergency or nonemergency transportation.

CLASS VIII Class VIII services provide BLS or ALS pre-hospital care above the first-aid level at special events, sports events, concerts, or large social gatherings.

TRAINING & EDUCATIONAL INSTITUTIONS

A TEI is an organization that is certified by KBEMS to teach present and future EMS providers. TEIs are certified by KBEMS to teach continuing education courses, or courses to certify/license individuals at the levels certified or licensed by KBEMS (Emergency Medical Responder, Emergency Medical Technician, Advanced Emergency Medical Technician, and Paramedic).

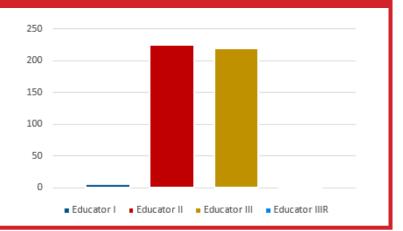
Kentucky Licensed Training & Educational Institutions Training & Educational Institution Types # Classification % EMS-TEI 1 <1% EMS-TEI 2 39 22% 70 39% EMS-TEI 3 EMS-TEI 4 13 7% EMS-TEI CE 55 31% ■ EMS-TEI 1 ■ EMS-TEI 2 ■ EMS-TEI 3 ■ EMS-TEI 4 ■ EMS-TEI CE 178 100% Total



KENTUCKY EDUCATORS

Kentucky Licensed Educators

Educator Levels				
Level	#	%		
Educator I	6	1%		
Educator II	225	50%		
Educator III	220	49%		
Educator IIIR	2	<1%		
Total	453	100%		



KY Educator County of Residence Top 5 Educator 0 - 2 **County of Residence** 8 - 15 Jefferson 16 - 24 Fayette **McCracken** Pulaski Boone

Educator Licenses Issued in 2019						
	Educator I Educator II Educator III Educator IIIR					
Initial	2	60	27	0		
Renewal	5	173	197	2		
Reciprocity	0	0	4	0		
Reinstatement	0	0	1	0		

LEVEL	TEACHING ABILITY
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Educator I EMR Initial or Continuing Education Courses

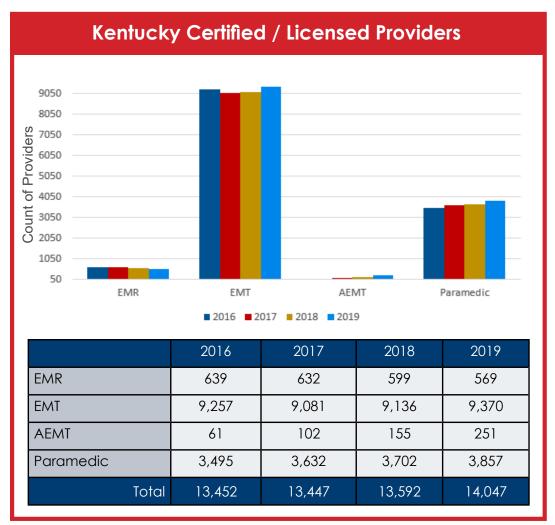
EMR or EMT Initial or Continuing Education Courses **Educator II**

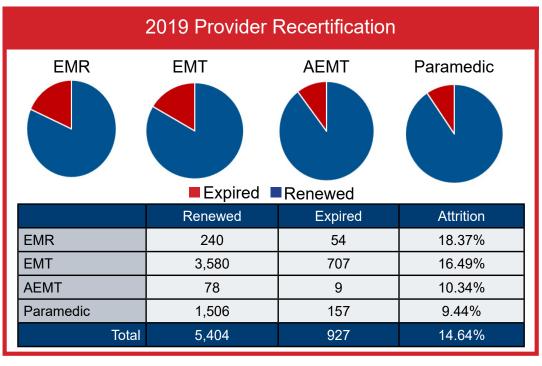
Educator III EMR or EMT Initial or Continuing Education Courses;

AEMT or Paramedic Initial or Continuing Education Courses

Educator IIIR AEMT or Paramedic Initial or Continuing Education Courses

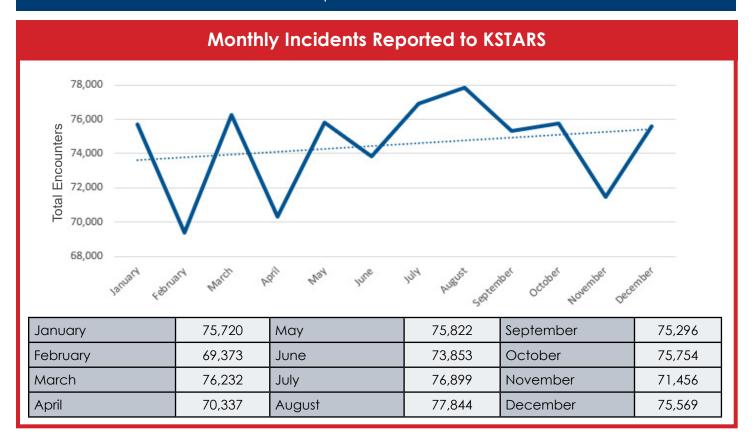
KENTUCKY PROVIDERS

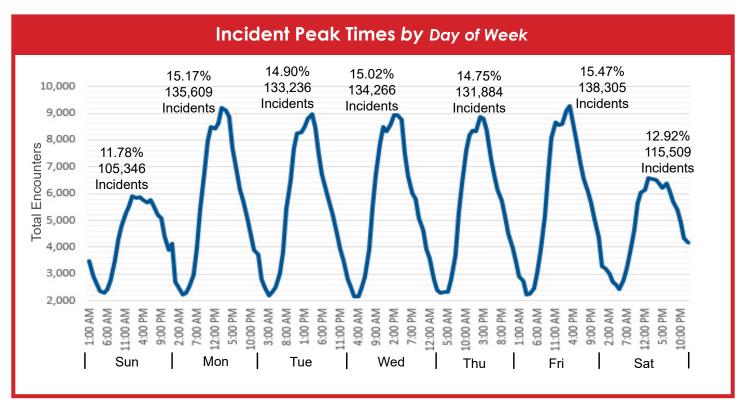


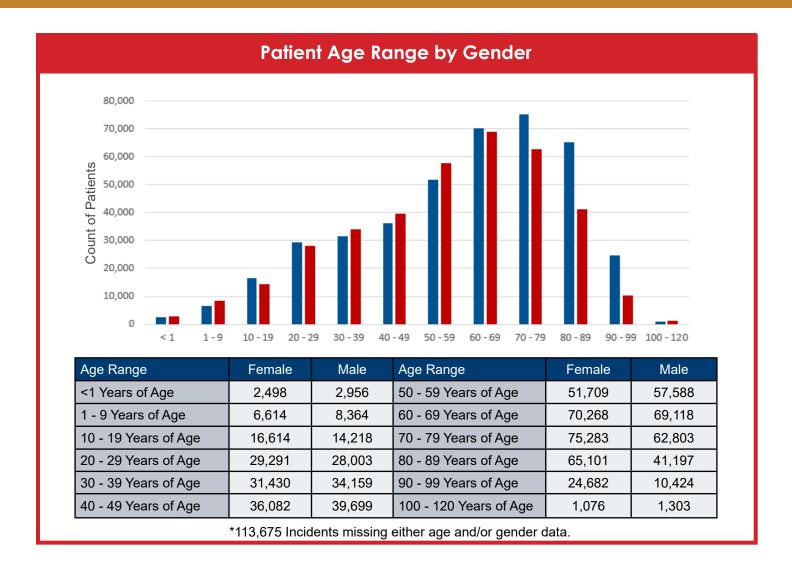


2019 Issued Certifications/ Licenses			
Initia	ıl		
EMR	15		
EMT	791		
AEMT	81		
Paramedic	122		
Total	1,009		
Reinstate	ment		
EMR	0		
EMT	38		
AEMT	1		
Paramedic	24		
Total	63		
Recipro	city		
EMR	0		
EMT	150		
AEMT	20		
Paramedic	128		
Total	298		
Temporary			
EMR	0		
EMT	8		
AEMT	0		
Paramedic	2		
Total	10		

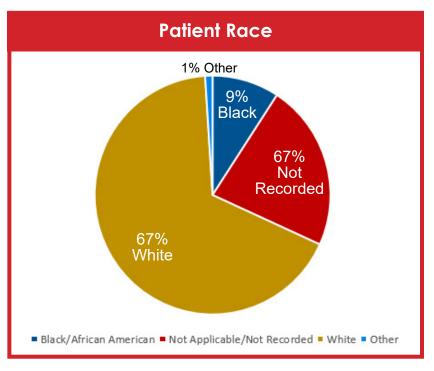
894,155 EMS Incidents Reported to KSTARS within 2019

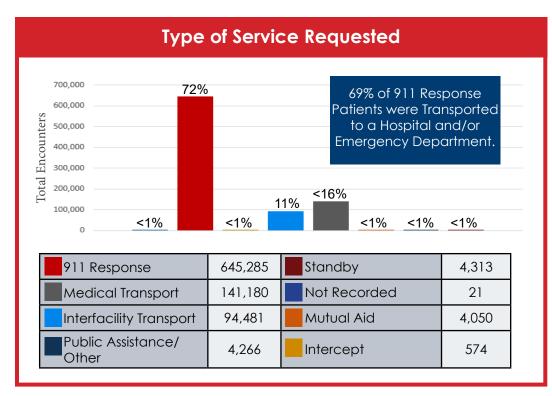


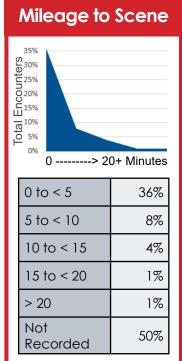


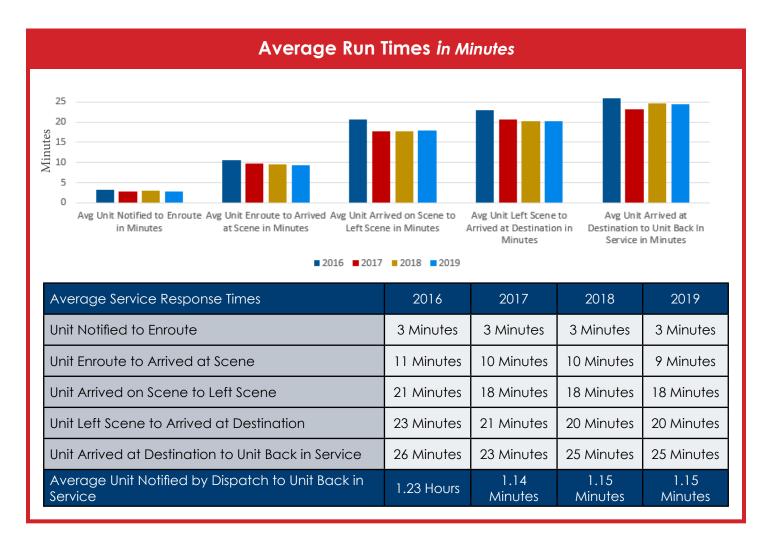


Top 10 Patient Residence by County		
County	#	
1. Jefferson	137,051	
2. Fayette	43,626	
3. Kenton	21,641	
4. Clark	18,208	
5. Warren	17,297	
6. Floyd	15,250	
7. Madison	14,974	
8. Hardin	14,379	
9. Daviess	13,799	
10. Boone	13,199	



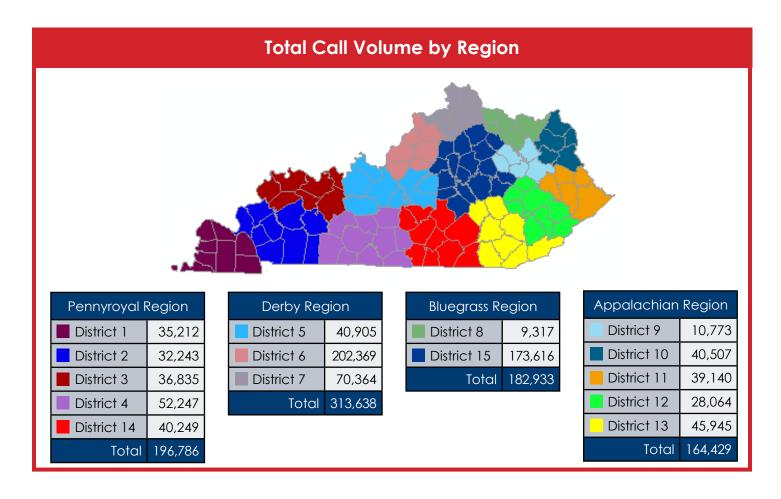


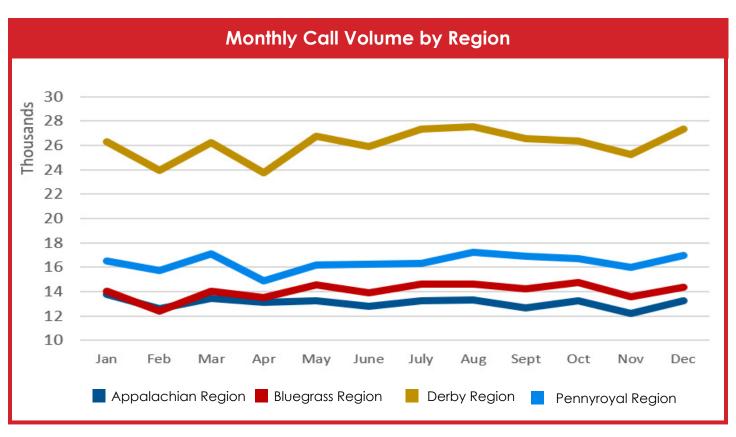




Top 10 Complaints Reported by Dispatch & Top Corresponding Provider Impressions

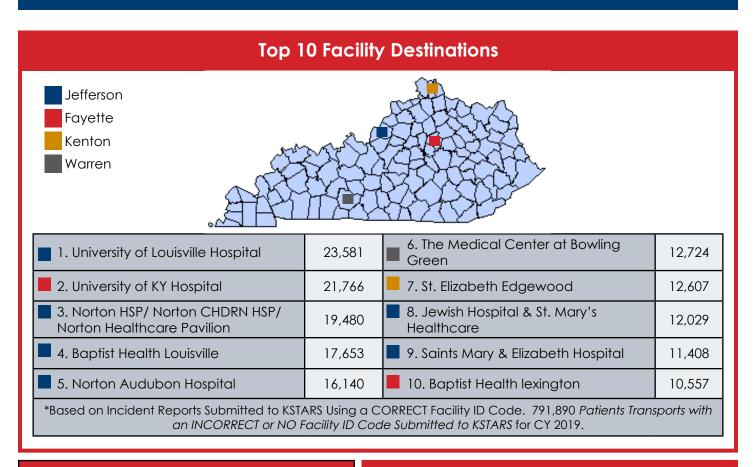
Incident Complaint Reported by Dispatch	Provider Primary Impression	Count of Incidents
	1. Weakness	24,057
1. Transfer/ Interfacility/ Palliative Care (149,717 <i>Incidents</i>)	2. Other Reduced Mobility	18,569
(3. Encounter for Other Specified Aftercare	7,825
	1. Weakness	24,104
2. Sick Person (135,828 Incidents)	2. Pain, Unspecified	8,198
	3. Altered Mental Status	6,833
	1.Weakness	28,043
3. No Other Appropriate Choice (109,767 <i>Incidents</i>)	2. Altered Mental Status	6,752
	3. Encounter for General Examination	6,076
	1. Respiratory Distress, Acute	21,449
4. Breathing Problem (71,951 <i>Incidents</i>)	2. Shortness of Breath	5,958
(Tyot mederns)	3. Weakness	3,506
	1. Injury, Unspecified	12,348
5. Falls (66,715 Incidents)	2. Weakness	7,670
	3. Encounter for General Examination	5,849
	1. Injury, Unspecified	12,825
6. Traffic/ Transportation Incident (58,642 <i>Incidents</i>)	2. Encounter for General Examination	9,383
	3. Back Pain	2,661
	1. Chest Pain, Unspecified	19,993
7. Chest Pain (Non-Traumatic) (50,488 <i>Incidents</i>)	2. Chest Pain, Other [Non-Cardiac]	5,869
(66,466 melderns)	3. Angina (1); or Ischemic Chest Pain (2)	3,023
	1. Altered Mental Status	1,565
8. Unknown Problem / Person Down (27,811 <i>Incidents</i>)	2. Encounter for General Examiniation	1,389
	3.Obvious Death	1,174
	1. Syncope and Collapse	4,904
9. Unconscious / Fainting / Near-Fainting (22,746 Incidents)	2. Altered Mental Status	2,380
,	3. Weakness	1,454
	1. Generalized Abdominal Pain	5,509
10. Abdominal Pain / Problems (21,825 <i>Incidents</i>)	2. Unspecified Abdominal Pain	4,310
	3. Acute Abdomen	2,575





INCIDENT DESTINATIONS

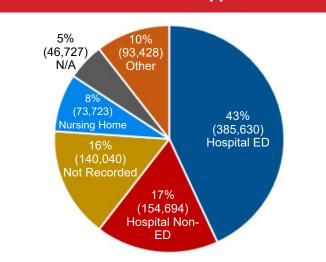
683,489 Patients Transported by EMS



Trans	port Mo	ode Fr	om So	cene
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Reason for Choosing Destination	Emergent	Non- Emergent	
Closest Facility	44%	13%	
Patient's Choice	36%	21%	
Patient's Physician's Choice	4%	34%	
Protocol	9%	7%	
Other	1%	19%	
Family Choice	3%	2%	
Regional Specialty Center	2%	2%	
Insurance Status/ Requirement	<1%	1%	
On-Line/On-Scene Medical Direction	<1%	<1%	
Law Enforcement Choice	<1%	<1%	
Diversion	<1%	<1%	
Total Incidents	448,308	190,976	

Destination Type



Other (10%): Blank, 34,290 (37%), Medical Office/Clinic, 23,108 (25%), Home, 20,410 (22%), Other, 9,903 (11%), Other EMS Responder Air, 2,564 (3%), Freestanding ED, 1,615 (2%), Urgent Care, 708 (<1%), Morgue, 451 (<1%), Police, 200 (<1%), Other EMS Responder Ground, 179 (<1%).

GROUND VS. AIR MED TRANSPORTS

666,929 Ground Transports

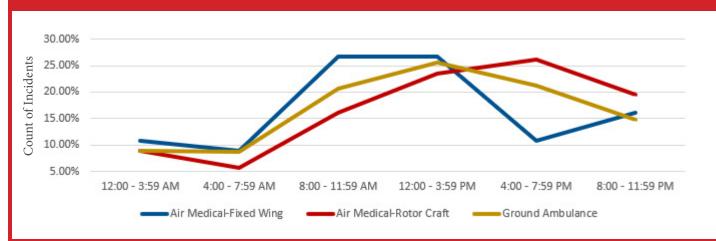
8,694 Air Transports

Provider Primary Impression

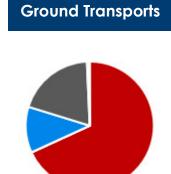
Ground Transports	
Top 5 Primary Impressions	#
Weakness	37%
Altered Mental Status	18%
Not Recorded	16%
Injury, Unspecified	15%
Generalized Abdominal Pain	14%

Air Transports	
Top 5 Primary Impressions	#
Injury, Unspecified	16%
Stroke	12%
Altered Mental Status	8%
Generalized Abdominal Pain	4%
Angina (1); or Ischemic Chest Pain (2)	3%

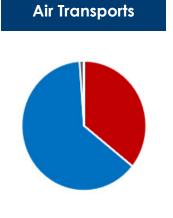
Incident Peak Times



Type of Service Requested



68%	911 Response	36%
<1%	Intercept	<1%
12%	Interfacility Transport	63%
20%	Medical Transport	1%
<1%	Mutual Aid	<1%
<1%	Public Assistance	<1%
<1%	Standby	<1%
<1%	Not Recorded	<1%



Air Medical - Rotor Wing Transports	5
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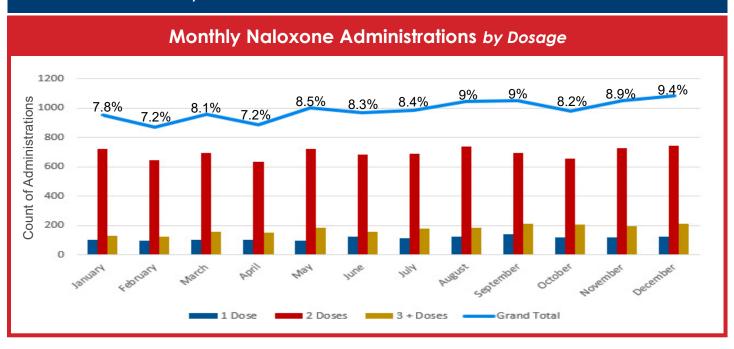
8,638

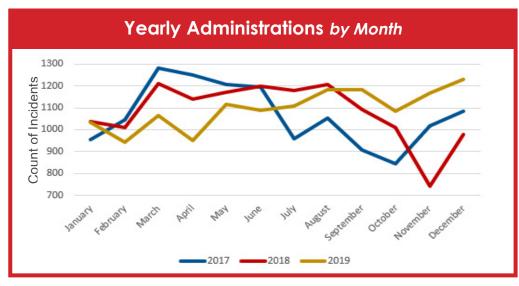
Air Medical - Fixed Wing Transports

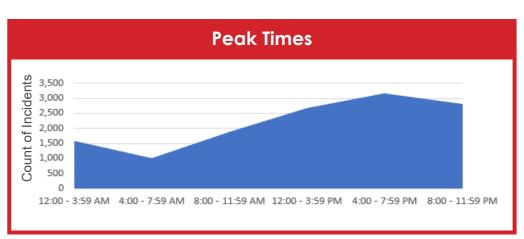
56

NALOXONE ADMINISTRATIONS

13,144 Naloxone Administrations in CY 2019





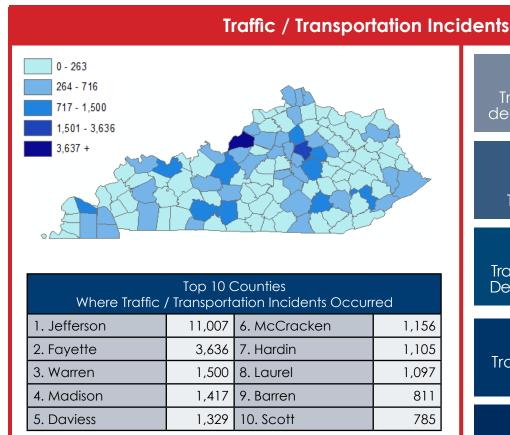


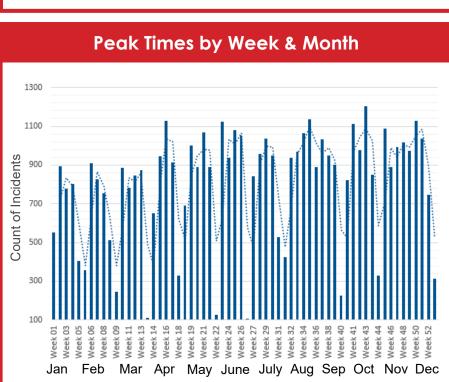
Patient Condition After Receiving Naloxone		
Patient Improved	58%	
Patient Unchanged	37%	
Patient Worse <1%		
4% of Naloxone Incidents have No Patient Condition Recorded.		

Top 10 Provider

Primary Impress	
Poisoning by Heroin	25%
Altered Mental Status	15%
Opioid Related Disorders	10%
Cardiac Arrest	9%
Poisoning by Other Opioids	8%
Poisoning by Unspecified Drugs	5%
Poisoning by Other Drugs	5%
Respiratory Distress	2%
Syncope and Collapse	1%
Stroke	1%

HIGHWAY SAFETY INCIDENTS





58,680 Traffic/Transportation Incidents Reported by Dispatch.

1,270 Mass Casualty Traffic/ Transportation Incidents

13,505 Traffic Incidents with No Airbag Deployed or No Airbag Present

1,903 Traffic Incidents with Critical Patient Acuity

6,705

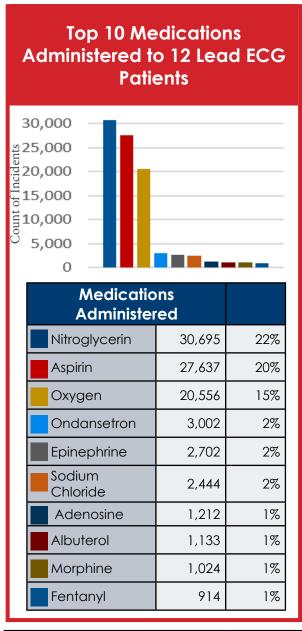
Traffic Incidents with Positive Alcohol / Drug Use Indicators **Drug Use Indicators by** Patient Age Range 1600 1400 1200 1000 800 600 400 200 0 30 - 39 40 - 49 50 - 59 69 - 09 70 - 79 80 - 89 100 - 120

CARDIAC ARREST INCIDENTS

Cardiac Arrest Incidents

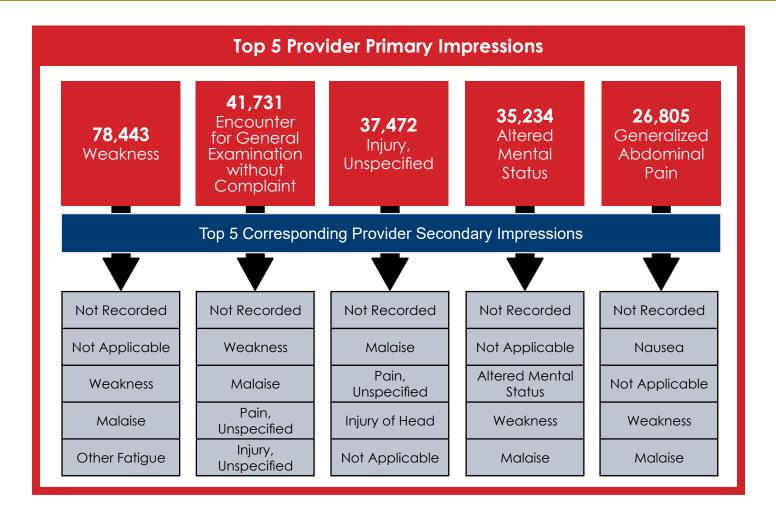
Incident Complaint Reported by Dispatch		
= "Cardiac Arrest / Chest Pain"	54,765	
Provider Primary Impression		
Contains Any "Cardiac Arrest, Chest Pain, Cardiac Arrhythmia"	54,483	
Cardiac Arrest During EMS Event		
Contains "Yes"	6,770	
Yes, After EMS Arrival	868	
Yes, Prior to EMS Arrival	5,902	





CPR Provided Prior to EMS Arrival		
Return of Spontaneous Circu	lation	
No	64%	
Yes	6%	
Not Recorded/Not Applicable	30%	

TOP IMPRESSIONS, PROCEDURES & MEDICATIONS



Top Procedures Administered		
Extremity Vein Catheterization	23.69%	
Evaluation Procedure	23.01%	
12 Lead ECG Obtained	15.41%	
3 lead ECG Obtained	9.27%	
Moving a Patient to a Stretcher	5.28%	
Patient Assessment	4.94%	
Spinal Immobilization	2.08%	
Glucose Measurement	1.92%	
Cardiac Monitoring (Regime/ Therapy)	1.53%	
Adult Continuous Physical Assessment	1.21%	
Intravenous Insertion	.81%	
Monitoring of Preexisting Devices	.67%	

Top Medications Administered		
Oxygen	17.32%	
Nitroglycerin	2.83%	
Aspirin	2.81%	
Albuterol	2.17%	
Ondansetron	1.89%	
Sodium Chloride	1.63%	
Naloxone	1.47%	
Fentanyl	1.43%	
Epinephrine	1.30%	
Ipratropium	.79%	
Methylprednisolone	.67%	
Albuterol / Ipratropium	.63%	

COMMUNITY PARAMEDICINE

The Community Paramedicine Pilot Program's objective is to fill unmet needs to untapped resources, reduce 911 utilization/ED visits, and create partnerships within the community. The data below reflects the year 4, quarters 1 & 2, findings of the MIH/CP Pilot Program (06/01/2019 - 11/30/2019).

Providers Trained

40 Providers Made Visits

1,344 Patient Encounters

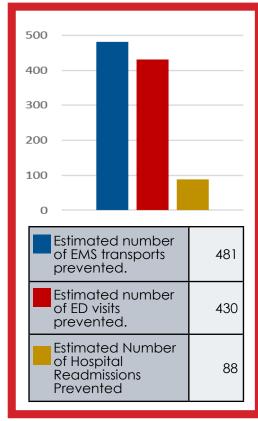
651 Initial

693 Repeat

Top 15 Reasons for Service		
Abdominal Pain/ Problems	27	
Breathing Problem	102	
Cardiac Arrest/ Death	86	
Chest Pain	9	
Diabetic Problem	23	
Falls	172	
Heart Problems/ AICD	12	
Hemorrhage/ Laceration	5	
Medical Alarm	55	
No Other Appropriate Choice	305	
Overdose/ Poisoning/ Ingestion	19	
Psychiatric Problem/ Abnormal Behavior	10	
Sick Person	123	
Traumatic Injury	34	
Well Person Problem	13	



Average Cost by Pilot Primary Objective		
Pilot Program Primary Objective	MIH/CP Encounter	ALS/BLS Encounter
Re-Admission (Follow-Up) - Primary focus is to continue care for an acute event to prevent unnecessary readmission back to inpatient facilities.	\$165.64	\$317.32
Non-Urgent, Non-Scheduled - Primary focus is to correctly navigate low acuity patients away from urgent resource utilization.	\$200.00	\$350.00
Both Non-Urgent, Non-Scheduled AND Re- Admission (Follow-Up)	\$119.60	\$367.47

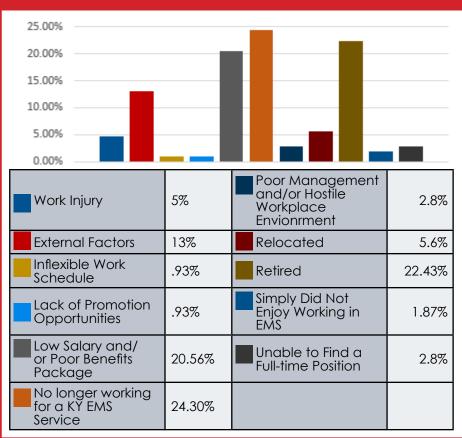


455 911 calls diverted to MIH/ CP program.
27 participants referred to PCP.
197 participants who have a PCP at time of referral.
28 participants referred to subspecialist.
36.5 Average patient encounter in minutes.

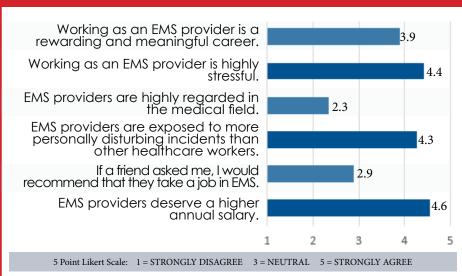
STATEWIDE EMPLOYEE ATTRITION

This report presents the findings of the KBEMS' 2018 Attrition Survey. The primary objective of this report is to determine the trends and other factors that contribute to Kentucky EMS employee attrition. The survey was administered to 950 KY EMS providers who discontinued their license / certification in 2018.

Primary Reason for Allowing License / Certification to Expire



Participant Attitudes & Beliefs



Participant Demographics

109 Participants (11.47% Response Rate)

Gender			
Female	23%		
Male	77%		
Race			
White	95%		
Hispanic	1%		
Other / Declined	4%		
Age Range			
18 - 24	5%		
25 - 34	17%		
35 - 44	26%		
45 - 54	21%		
55 - 64	23%		
65+	8%		
Residence			
Kentucky	75%		
Out of State	25%		
Education			
High School	15%		
	15% 49%		
High School Diploma			
High School Diploma Some College Associate's	49%		
High School Diploma Some College Associate's Degree Bachelor's	49%		
High School Diploma Some College Associate's Degree Bachelor's Degree	49% 20% 6% 9%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree	49% 20% 6% 9%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree Provider Lev	49% 20% 6% 9%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree Provider Lev EMR	49% 20% 6% 9% el 7%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree Provider Lev EMR EMT	49% 20% 6% 9% el 7% 66%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree Provider Lev EMR EMT AEMT	49% 20% 6% 9% el 7% 66% 3% 24%		
High School Diploma Some College Associate's Degree Bachelor's Degree Master's Degree Provider Lev EMR EMT AEMT Paramedic	49% 20% 6% 9% el 7% 66% 3% 24%		

THANK YOU

To our KBEMS Administrative Staff who often work behind-the-scenes;

to all of our Board Members;

to all of our Committee, Subcommitte and Task Force Members;

and to all of you who support EMS,

who continuously give us your feedback and input, and share your stories.

We cannot do this without you.

We are only here because of you.

And we cannot put into words how thankful we are for the sacrifices that you, your family and friends, colleagues and other loved ones make.

Thank you for allowing us to support you and for including us in the EMS family.

You are moving #kyemsforward.

And we can only do this if we're all together.





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