Each and every day Kentucky Emergency Medical Responders, Emergency Medical Technicians, and Paramedics serve the people of the Commonwealth with pride. They deliver exceptional pre-hospital emergency medical care 24 hours a day, 365 days a year. While Kentucky EMS Agencies and Responders are widely recognized as some of the best emergency medical providers, KBEMS continually strives to improve service delivery and elevate our standards of excellence.

The Kentucky Board of EMS strives to establish a unified, comprehensive and effective EMS system within the Commonwealth of Kentucky, ensuring that the EMS system is recognized as a leader in providing high quality patient care, that is a sought after role model, to help other EMS systems attain the same level of quality care. We will do this by promoting excellence through regulations, promoting healthy communities and encouraging community support, providing value-added information for emergency preparedness, public health, EMS research and strategic governance, and developing and managing an organized repository of information, standards and guidelines for EMS providers.

Additionally, we will soon open a new state EMS Office at 118 James Court in Lexington, along with the Kentucky Fire Commission, to better serve our public health and public safety partners.

As Executive Director, I can proudly say that Kentucky’s greatest asset is our personnel. The accomplishments made in 2012 are a direct result of the hard work and dedication of the entire EMS workforce. While our field staff may be the “face” of KBEMS, we are incredibly fortunate to have an equally committed and talented support staff that work behind the scenes to ensure a smooth and efficient operation.

I anticipate that the year ahead will bring new challenges and opportunities for achievement. I am confident that through hard work and dedication, we will continue to strengthen what is already an exemplary organization and reach new heights in the years ahead.

Respectfully,

Mike Poynter
**Mission Statement**

KBEMS mission is to ensure availability of high quality emergency medical services for Kentucky through collaboration with EMS providers by:

- Ensuring quality, competent EMS care through effective oversight, communication and education;
- Advancing professionalism of EMS providers;
- Promoting health and safety of patients and EMS providers;
- Providing leadership for EMS.

KBEMS accomplishes this mission through:

- 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 Training and Educational Institutions (TEIs)
- Certification and licensure audits
- Approval for students to test at the National Registry level
- Investigation of complaints on 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

KBEMS also hosts and participates in numerous EMS meetings and conferences statewide and is an active member of the National Association of State EMS Officials (NASEMSO) and National Association of EMS Educators (NAEMSE).

**Vision**

Through transparent practices, KBEMS will ensure and promote high quality emergency medical care across the Commonwealth of Kentucky.

**Values**

- Integrity
- High quality care
- Quality of education
- Competent staff
- Accountability of board, services and individuals
- Being proactive, not reactive
- Highly motivated and progressive board
- Advancement of EMS profession
- Citizen and provider safety
- Ethical standards in dealing with issues
• Established precedent in regulation that allows for students and potential students to request pass rates from certified Training and Educational Institutions (TEIs).
• Established mediated plans of correction, which is a more expeditious process and an alternative to responders and agencies facing disciplinary actions.
• Approval of 2012-2013 budget.
• Passage and submission of 202 KAR 7:520 Block Grant Funding regulations.
• Official adoption of KBEMS Mission, Vision, and Values.
• Approved process for hiring new Executive Director and Deputy Director.
• Established a 68% first time National Registry pass rate target for TEIs in Kentucky.
• Developed position statement on national medication shortage.
• Interviewed and hired new Executive Director, Mike Poynter.
• Passage and submission of 202 KAR 7:540 Data Management Regulations.
• Voted to vacate of all previous advisory opinions in order to re-establish advisory opinions.
• Recommended to make the necessary language change on all of KBEMS licensing and certification applications that reference completion of, or participation in a felony diversion program and replace said language that complies with Kentucky law and only request information on the “current participation” in a felony diversion program.
• Requested an advisory opinion from the Kentucky Attorney General’s Office on the legality and acceptability of moving from mandatory denial of certification or licensure based on certain criminal convictions to a discretionary review process that would allow KBEMS to consider mitigating circumstances, such as rehabilitation, in determining whether individuals may be certified or licensed.
• Approved to implement on January 1, 2013 the use of Verified Credentials, a more comprehensive and nationwide system, to assess the criminal backgrounds of all initial applications for certification or licensure with KBEMS.
• Recommended that the Board support the 2012 Kentucky EMS Conference and Expo as a Platinum Level Sponsor of $5,000.
• Nominated and elected Mr. Jim Duke to serve as Chair of the Board from October 2012 through September 2013.
• Nominated and elected Mr. Joe Prewitt to serve as Vice Chair of the Board from October 2012 through September 2013.
• Officially endorsed the concept of national accreditation for paramedic education.
Board Membership

David Bentley, MD  Term Expires: 9-19-2016
Representing: Physician licensed in Kentucky serving as medical director of an advanced life support ambulance service selected from a list of three (3) physicians submitted by the Kentucky Medical Association.

Joe Bradshaw  Term Expires: 9-19-2014
Representing: Licensed air ambulance service administrator or paramedic for a licensed air ambulance service headquartered in Kentucky.

James Conley  Term Expires: 9-19-2014
Representing: Paramedic who works for a government agency but is not serving in an educational, management, or supervisory capacity.

Terry Dossett  Term Expires: 9-19-2014
Representing: Private licensed Class I ground ambulance service administrator who is a certified emergency medical technician or a licensed paramedic who is a resident of Kentucky.

Jim Duke, Chairperson  Term Expires: 9-19-2014
Representing: Advanced life support, government-operated ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.

Timothy Dukes  Term Expires: 9-19-2016
Representing: Hospital administrator selected from a list of five (5) nominees submitted by the Kentucky Hospital Association.

Steve English  Term Expires: 9-19-2013
Representing: First responder who is not serving in an educational, management, or supervisory capacity.

Glen Franklin, M.D.  Term Expires: 9-19-2013
Representing: Trauma surgeon licensed in Kentucky selected from a list of three (3) physicians submitted by the Kentucky Medical Association.

Mike Gribbin  Term Expires: 9-19-2014
Representing: Fire-service-based, licensed Class I ground ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.
Joseph Iocono, M.D.  Term Expires: 9-19-2014
Representing: Physician licensed in Kentucky who routinely is involved in the emergency care of ill and injured children selected from a list of three (3) physicians submitted by the Kentucky Medical Association.

Mary Kleber, Ph.D.  Term Expires: 9-19-2016
Representing: Emergency medical services educator certified by the board.

Jamey Locke  Term Expires: 9-19-2015
Representing: Basic life support, licensed Class I government-operated ground ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.

Eddie Glenn Long  Term Expires: 9-19-2015
Representing: Mayor of a city that operates, either directly or through contract services, a licensed Class I ground ambulance service.

James Nickell  Term Expires: 9-19-2013
Representing: County judge/executive from a county that operates, whether directly or through contract services, a licensed Class I ground ambulance service.

Wenda Owen  Term Expires: 9-19-2015
Representing: Citizen having no involvement in the delivery of medical or emergency services.

Joe Prewitt  Term Expires: 9-19-2013
Representing: Volunteer-staffed, licensed Class I ground ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.

Neal Richmond, M.D.  Term Expires: 9-19-2015
Representing: Physician licensed in Kentucky having a primary practice in the delivery of emergency medical care selected from a list of three (3) physicians submitted by the Kentucky Medical Association.

Michael Sutt  Term Expires: 9-19-2016
Representing: Emergency medical technician-basic who works for a government agency but is not serving in an educational, management, or supervisory capacity.
Executive Committee

The executive committee shall address legislative issues and proposals and review administrative regulations for submission to the board including:
(a) 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.
(c) Making recommendations to the board regarding fees to be charged by the board.

Members:
Joe Bradshaw (Chairperson), Air-Evac Lifeteam
Joe Prewitt (Vice-Chairperson), Nelson County EMS
Rob Butcher, Burlington Fire Department
Jerry Domidion, Jessamine County EMS
Michael Gribbin, Lexington Fire Department
Jamey Locke, Mercy Regional EMS
Michael Sutt, Edgewood Fire Department

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:
Sandy Hunter (Co-Chairperson), Eastern Kentucky University
Eva Prewitt (Co-Chairperson), Nelson County EMS
Terri Bailey, Hart County EMS
Debbie Berry, Madison County EMS
Lee Brown, Western Kentucky University
Mary Kleber, Ph.D., Kentucky Community and Technical College
Jimmy VanCleve, Kentucky State Fire Rescue Training
EMSC Committee

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

- Guidelines for necessary out-of-hospital medical service equipment;
- Guidelines and protocols for out-of-hospital pediatric emergency medical services;
- 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;
- 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;
- Assistance with the purchase of equipment for the provision of medical services for children only.
- 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:
Membership positions of the EMSC Committee are stipulated by the federal grant program supporting this project.

Mary Fallat, M.D. (Co-Chairperson) EMSC principal investigator,
Sandra Herr, M.D. (Co-Chairperson) Emergency physician
Bari Lee Mattingly, R.N. Nurse with emergency pediatric experience
Susan Pollack, M.D. Physician with pediatric training (e.g., pediatrician or pediatric surgeon)
Scotty Day, M.D. Physician with pediatric training (e.g., pediatrician or pediatric surgeon)
Margaret Denise Gupton, BS, AA, EMT-P Ground level pre-hospital provider
Morgan Scaggs, AA, NREMT-P EMS State agency representative
Melanie Tyner-Wilson Family Representative
Erika Janes, R.N. Child Advocacy/Injury Prevention Specialist

EMSC Accomplishments in 2012:

- Successful submission of a new competing continuation grant application.
- Pilot statewide study of Pediatric Emergency Department Alignment with National Guidelines – accepted for peer-reviewed publication in Pediatric Emergency Care
- Provided a total of $48,682.21, distributed to 33 Kentucky hospitals, to support the purchase of vital pediatric equipment.
- Fulfilled requests from 45 EMS Agencies for abandoned infant packets.
- Purchased Broselow tapes for distribution to Kentucky EMS agencies.
- Pediatric Abusive Head Trauma – held 5 provider courses and 17 instructor courses reaching 300 instructors.
- Developed the KYEMSC Facebook page to support program recognition and for the distribution of pediatric health and safety information targeting the layperson.
- Participated on the Child Fatality Review Board.
- Participated in the Kentucky Safety & Prevention Alignment Network.
- Supported KBEMS Committees and Task Forces to include national EMSC Performance Measures within developing regulations.
- Developed a new KYEMSC logo.

Medical Oversight

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:
Steve English (Chairperson)
Duane Lee (Vice-Chairperson), Eastern Kentucky University
Ira Dyer, Hardin County EMS
Glen Franklin, M.D., University of Louisville
Irvin Smith, M.D., Mercy Regional EMS
Joe Richardson, M.D.
Neal Richmond, M.D., Louisville Metro EMS
Jim Williams, The Medical Center EMS
David Slone, Georgetown Scott County EMS
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Director</td>
<td>Michael Poynter</td>
</tr>
<tr>
<td>Deputy Director</td>
<td>Chuck O’Neal</td>
</tr>
<tr>
<td>Inspector/Liaison</td>
<td>Ray Chesney</td>
</tr>
<tr>
<td>Inspector/Liaison</td>
<td>Paula Coyle</td>
</tr>
<tr>
<td>Executive Legal Assistant</td>
<td>Terri DeAtley</td>
</tr>
<tr>
<td>Legal Counsel</td>
<td>Pam Duncan, JD</td>
</tr>
<tr>
<td>License and Certification Specialist</td>
<td>Brooke French</td>
</tr>
<tr>
<td>Investigator</td>
<td>Belinda Jolly</td>
</tr>
<tr>
<td>Investigator</td>
<td>Sam Lowe</td>
</tr>
<tr>
<td>State Medical Advisor</td>
<td>Julia Martin, MD</td>
</tr>
<tr>
<td>Provider Licensing Assistant</td>
<td>Tina McBride</td>
</tr>
<tr>
<td>Senior Administrative Assistant</td>
<td>Darby McDonald</td>
</tr>
<tr>
<td>Data Administrator</td>
<td>Paul Phillips</td>
</tr>
<tr>
<td>EMS-C Project Director</td>
<td>Morgan Scaggs</td>
</tr>
<tr>
<td>Business Affairs Specialist</td>
<td>Amanda Talbot</td>
</tr>
<tr>
<td>Licensure and Certification Specialist</td>
<td>Calynn Vissing</td>
</tr>
<tr>
<td>Director of Field Operations</td>
<td>Forest Weyen</td>
</tr>
<tr>
<td>Director of Education</td>
<td>Bill Young</td>
</tr>
</tbody>
</table>
KBEMS Office Accomplishments

- Obtained $184,360 in order to assist in funding the ongoing KEMSIS program.
- Established offices in London, Springfield, and Ashland.
- Kentucky Emergency Operations Center (EOC) and Kentucky Department of Health Department Operations Center (DOC) orientation.
- Improved EMS and TEI Director accessibility in KEMSIS.
- Majority of KBEMS forms have been converted to fillable/savable .pdf forms.
- Implemented new Education Regulations in November 2012.
- Implemented quarterly Educator Methodology of Instruction (MOI) continuing education webinars.
- Moved all Training and Educational Institutions to KEMSIS.
- Held 2nd annual National Association of EMS Educators Instructor Level I course.
- KBEMS will become totally paperless on January 1, 2015. An e-mail address will be required for all EMS responders and agencies in the state.
- Hired a Director, Deputy Director, Data Administrator, Business Affairs Specialist, Field Inspector, and Licensure and Certification Specialist.
- Mission Ready Package for EMAC was prepared for Emergency Management.
- Appointed Julia Martin, MD, from UK Healthcare as State Medical Advisor.
- Processing times reduced for renewal applications to as low as 24 hours for some responders.
- Approximately 80% of responders used the online system for renewal instead of submitting a paper application.
- Bill Young was selected as a Board Member for the National Association of EMS Educators.
- Louisville was selected to host the 2015 annual meeting of the National Association of State EMS Officials.

The KBEMS Office Staff are actively involved in the following organizations:
- National Association of State EMS Officials
  - Data Managers Council
  - Education and Professional Standards Council
  - Pediatric Emergency Care Council
  - Agency and Vehicle Licensure Committee
- National EMS Educator's Association
- National EMS Management Association

At a Glance
- Protocol Submissions Approvals: 53
- Medical Director Changes: 19
- Medical Director Waiver Approvals: 12
- Service Waivers Approvals: 3
- Protocol Medication Changes: 11
Agency Snapshot

Agencies by Class

Class I: 188
Class II: 2
Class III: 9
Class IV: 10
Class VI: 4
Class VII: 10
Total: 223

Class I Level of Care

Advanced Life Support (ALS) Agencies: 167
Basic Life Support (BLS) Agencies: 21

Class I

<table>
<thead>
<tr>
<th>Agency Personnel Status</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career and Volunteer</td>
<td>36</td>
</tr>
<tr>
<td>Career</td>
<td>142</td>
</tr>
<tr>
<td>Volunteer</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>188</td>
</tr>
</tbody>
</table>

Class I Level of Care:

The following is from an optional survey that was attached to the provider’s annual EMS license application. The questions were not mandatory. Percentages are related to Class I agencies only.

- 66% of dispatch centers provide pre-arrival instructions.
- 55% of dispatch centers have Emergency Medical Dispatch trained dispatchers.
- 10% of Class I EMS Agencies reported an accident involving (Code 3, Lights and Sirens) in 2011.
- 27% of Class I EMS Agencies reported an accident involving non lights and sirens driving (Code 1) in 2011.

<table>
<thead>
<tr>
<th>Organization Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community, Non-Profit</td>
<td>58</td>
</tr>
<tr>
<td>Fire Department</td>
<td>51</td>
</tr>
<tr>
<td>Governmental, Non-Fire</td>
<td>23</td>
</tr>
<tr>
<td>Hospital</td>
<td>10</td>
</tr>
<tr>
<td>Private, Non-Hospital</td>
<td>46</td>
</tr>
<tr>
<td>Total</td>
<td>188</td>
</tr>
</tbody>
</table>
Ambulances Licensed in Kentucky

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air-Fixed</td>
<td>5</td>
</tr>
<tr>
<td>Air-Rotor</td>
<td>69</td>
</tr>
<tr>
<td>Type I</td>
<td>241</td>
</tr>
<tr>
<td>Type II</td>
<td>284</td>
</tr>
<tr>
<td>Type III</td>
<td>636</td>
</tr>
<tr>
<td>Total</td>
<td>1235</td>
</tr>
</tbody>
</table>

Ambulance Model Year Distribution

Violations Cited in 2012

<table>
<thead>
<tr>
<th>Number</th>
<th>Regulation</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>Personnel files were incomplete</td>
</tr>
<tr>
<td>10</td>
<td>Incomplete preventative maintenance program</td>
</tr>
<tr>
<td>8</td>
<td>Medical Director – No proof of ATLS</td>
</tr>
<tr>
<td>8</td>
<td>Mutual Aid Agreements were not available</td>
</tr>
<tr>
<td>7</td>
<td>Proof of insurance was missing (Professional Liability or Vehicular)</td>
</tr>
<tr>
<td>6</td>
<td>Maintained copy or access to County and State Emergency Operations Plan (EOP)</td>
</tr>
<tr>
<td>6</td>
<td>No copy of FCC license</td>
</tr>
<tr>
<td>6</td>
<td>Agreement between Medical Director and Agency</td>
</tr>
<tr>
<td>5</td>
<td>Agreements with extrication agencies</td>
</tr>
<tr>
<td>5</td>
<td>Health records were incomplete</td>
</tr>
<tr>
<td>5</td>
<td>Agreement with 911 center or attempts to obtain one</td>
</tr>
<tr>
<td>5</td>
<td>HAZMAT, criminal and terrorist plan</td>
</tr>
<tr>
<td>5</td>
<td>Medical Director Kentucky license</td>
</tr>
<tr>
<td>4</td>
<td>Medical Director certification – PALS or PEPP</td>
</tr>
<tr>
<td>1</td>
<td>Medical Director certification ACLS</td>
</tr>
<tr>
<td>1</td>
<td>Missing or incomplete infection control plan</td>
</tr>
<tr>
<td>1</td>
<td>License displayed in prominent area</td>
</tr>
</tbody>
</table>
KBEMS Survey

Key Findings

KBEMS conducted a short optional survey that was included on the renewal application for EMS Responders in 2012. Over 5,000 people renewed their certification or license and we received over 3,000 responses to our questions. This was conducted to get a snapshot of the EMS landscape in Kentucky. KBEMS looks to expand and enhance this survey in the coming years.

Shift Length

- Those indicating a usual shift length of less than 12 hours reported generally higher levels of satisfaction with shift length than those with longer shift lengths
- Those indicating a usual shift length of less than 12 hours reported fewer than expected number of work-related injuries than those with longer shift lengths

Work Related Injury

- Those who reported sustaining a work-related injury were more likely to consider leaving EMS.
- Those who missed 8 hours or more of work due to sustaining a work related injury were more likely to Consider Leaving EMS than those whose injuries caused them to miss less than 8 hours of work.

Age of EMS Employees

The average age of respondents was 41 years old with 64.3% falling between the ages of 30 and 49.
Gender

- Male: 79.1%
- Female: 20.9%

Length of Service

- Less than 1 year: 1%
- 1-5 years: 22.4%
- 6-10 years: 22.5%
- 11-15 years: 19.3%
- 16-20 years: 15.5%
- More than 20 years: 19.3%

Currently Practicing EMS

- No: 13.1%
- Yes: 86.9%
Considered Leaving EMS

- Yes - 18.4%
- No - 81.6%

In the past two years have you sustained a work related injury?

- Yes - 12.1%
- No - 87.9%

Hours Missed Due to Injury

- Less than 8 hours - 66.3%
- 8 - 40 hours - 11.7%
- 1 week - 1 month - 7.6%
- 1 - 6 months - 11.4%
- More than 6 months - 2.1%
- Permanently - 1.0%
**KBEMS Survey**

### Number of EMS Jobs

- None: 15.9%
- One: 62.4%
- Two: 17.6%
- Three: 2.9%
- More than three: 1.1%

### Usual Shift Length

- Not Practicing: 6.7%
- Less than 8 hours: 6.1%
- 8 - 11 hours: 13.1%
- 12 - 23 hours: 22.5%
- 24 hours: 46.4%
- More than 24 hours: 5.2%

### Annual Salary

- Less than $20,000
- $20,000 - $30,000
- $30,000 - $40,000
- $40,000 - $50,000
- $50,000 - $60,000
- More than $60,000
Please Answer the Following Questions about your PRIMARY EMS Agency:

<table>
<thead>
<tr>
<th>(Percentage)</th>
<th>VERY Satisfied</th>
<th>Somewhat Satisfied</th>
<th>Neutral</th>
<th>Somewhat Unsatisfied</th>
<th>VERY Unsatisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay</td>
<td>24.4</td>
<td>32.1</td>
<td>20.5</td>
<td>13.5</td>
<td>9.5</td>
</tr>
<tr>
<td>Benefits</td>
<td>29.4</td>
<td>28.2</td>
<td>22.6</td>
<td>10.4</td>
<td>9.5</td>
</tr>
<tr>
<td>Coworkers</td>
<td>42.6</td>
<td>33.9</td>
<td>18.2</td>
<td>4.0</td>
<td>1.4</td>
</tr>
<tr>
<td>Agency Focus on Safety</td>
<td>46.6</td>
<td>28.9</td>
<td>16.9</td>
<td>5.4</td>
<td>2.3</td>
</tr>
<tr>
<td>Educational Opportunities</td>
<td>39.9</td>
<td>29.4</td>
<td>18.5</td>
<td>7.8</td>
<td>4.5</td>
</tr>
<tr>
<td>Advancement</td>
<td>28.7</td>
<td>27.3</td>
<td>24.8</td>
<td>10.4</td>
<td>8.9</td>
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<tr>
<td>Shift Length</td>
<td>46.0</td>
<td>28.5</td>
<td>18.6</td>
<td>4.0</td>
<td>2.9</td>
</tr>
<tr>
<td>Leadership</td>
<td>38.8</td>
<td>27.4</td>
<td>19.7</td>
<td>8.0</td>
<td>6.1</td>
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<tr>
<td>Facility Quality</td>
<td>42.0</td>
<td>29.6</td>
<td>19.2</td>
<td>5.7</td>
<td>3.4</td>
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<tr>
<td>Personally Rewarding</td>
<td>49.0</td>
<td>29.8</td>
<td>15.3</td>
<td>3.6</td>
<td>2.3</td>
</tr>
</tbody>
</table>

Open-Ended Questions

“If you had an EMS work-related injury, what type of injury did you have?”

<table>
<thead>
<tr>
<th>Keyword</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back</td>
<td>97</td>
</tr>
<tr>
<td>Lifting</td>
<td>35</td>
</tr>
<tr>
<td>Knee</td>
<td>30</td>
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<tr>
<td>Ankle</td>
<td>24</td>
</tr>
<tr>
<td>Shoulder</td>
<td>24</td>
</tr>
<tr>
<td>Pulled Muscle</td>
<td>18</td>
</tr>
<tr>
<td>Head and Neck</td>
<td>5</td>
</tr>
<tr>
<td>Burn</td>
<td>4</td>
</tr>
<tr>
<td>Eye</td>
<td>3</td>
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“If you have considered leaving EMS, please state your reason(s).”

<table>
<thead>
<tr>
<th>Keyword</th>
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<td>Injury</td>
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“In what other states do you practice?”

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<td>Massachusetts</td>
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<td>Louisiana</td>
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</table>

For questions or more information please contact: kbems@kctcs.edu
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Lexington, KY 40509
(859) 256-3100
kbems.kctcs.edu • kbems@kctcs.edu

SUPPORTING EMS. SUPPORTING YOU.