



ANNUAL REPORT 2012

# Kentucky Board of Emergency Medical Services

SUPPORTING EMS. SUPPORTING YOU.





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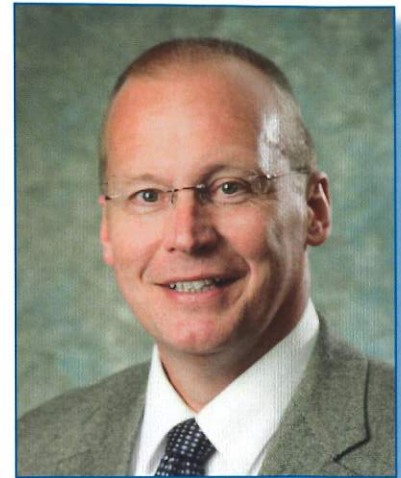
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# *Message from the Executive Director*

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,

A handwritten signature in blue ink that reads "Mike Poynter". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mike Poynter

# Board Membership



**David Bentley, MD**

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.

**Term Expires: 9-19-2016**



**Joe Bradshaw**

Representing: Licensed air ambulance service administrator or paramedic for a licensed air ambulance service headquartered in Kentucky.

**Term Expires: 9-19-2014**



**James Conley**

Representing: Paramedic who works for a government agency but is not serving in an educational, management, or supervisory capacity.

**Term Expires: 9-19-2014**



**Terry Dossett**

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.

**Term Expires: 9-19-2014**



**Jim Duke, Chairperson**

Representing: Advanced life support, government-operated ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.

**Term Expires: 9-19-2014**



**Timothy Dukes**

Representing: Hospital administrator selected from a list of five (5) nominees submitted by the Kentucky Hospital Association.

**Term Expires: 9-19-2016**



**Steve English**

Representing: First responder who is not serving in an educational, management, or supervisory capacity.

**Term Expires: 9-19-2013**



**Glen Franklin, M.D.**

Representing: Trauma surgeon licensed in Kentucky selected from a list of three (3) physicians submitted by the Kentucky Medical Association.

**Term Expires: 9-19-2013**



**Mike Gribbin**

Representing: Fire-service-based, licensed Class I ground ambulance service administrator who is a certified emergency medical technician or a licensed paramedic.

**Term Expires: 9-19-2014**





**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.

# KBEMS Staff



**Michael Poynter**  
Executive Director



**Julia Martin, MD**  
State Medical Advisor



**Chuck O'Neal**  
Deputy Director



**Tina McBride**  
Provider Licensing Assistant



**Ray Chesney**  
Inspector/Liaison



**Darby McDonald**  
Senior Administrative Assistant



**Paula Coyle**  
Inspector/Liaison



**Paul Phillips**  
Data Administrator



**Terri DeAtley**  
Executive Legal Assistant



**Morgan Scaggs**  
EMS-C Project Director



**Pam Duncan, JD**  
Legal Counsel



**Amanda Talbot**  
Business Affairs Specialist



**Brooke French**  
License and Certification  
Specialist



**Calynn Vissing**  
Licensure and Certification  
Specialist



**Belinda Jolly**  
Inspector/Liaison



**Forest Weyen**  
Director of Field Operations



**Sam Lowe**  
Investigator



**Bill Young**  
Director of Education



# *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 2<sup>nd</sup> 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

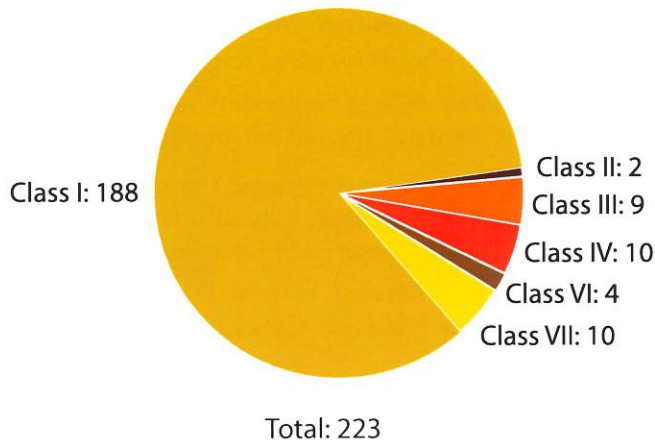
## **At a Glance**

- Protocol Submissions Approvals: 53
- Medical Director Changes: 19
- Medical Director Waiver Approvals: 12
- Service Waivers Approvals: 3
- Protocol Medication Changes: 11

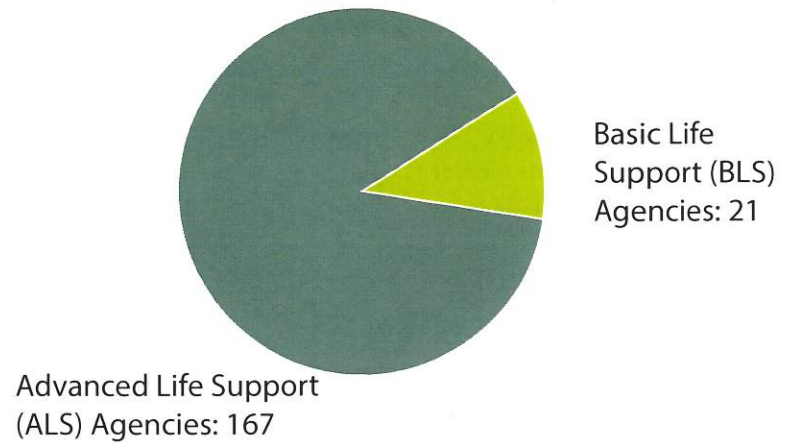


# Agency Snapshot

**Agencies by Class**



**Class I Level of Care**



## Class I

| Agency Personnel Status | Number     |
|-------------------------|------------|
| Career and Volunteer    | 36         |
| Career                  | 142        |
| Volunteer               | 10         |
| <b>Total</b>            | <b>188</b> |

## Class I

| Organization Type      | Number     |
|------------------------|------------|
| Community, Non-Profit  | 58         |
| Fire Department        | 51         |
| Governmental, Non-Fire | 23         |
| Hospital               | 10         |
| Private, Non-Hospital  | 46         |
| <b>Total</b>           | <b>188</b> |

## 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.

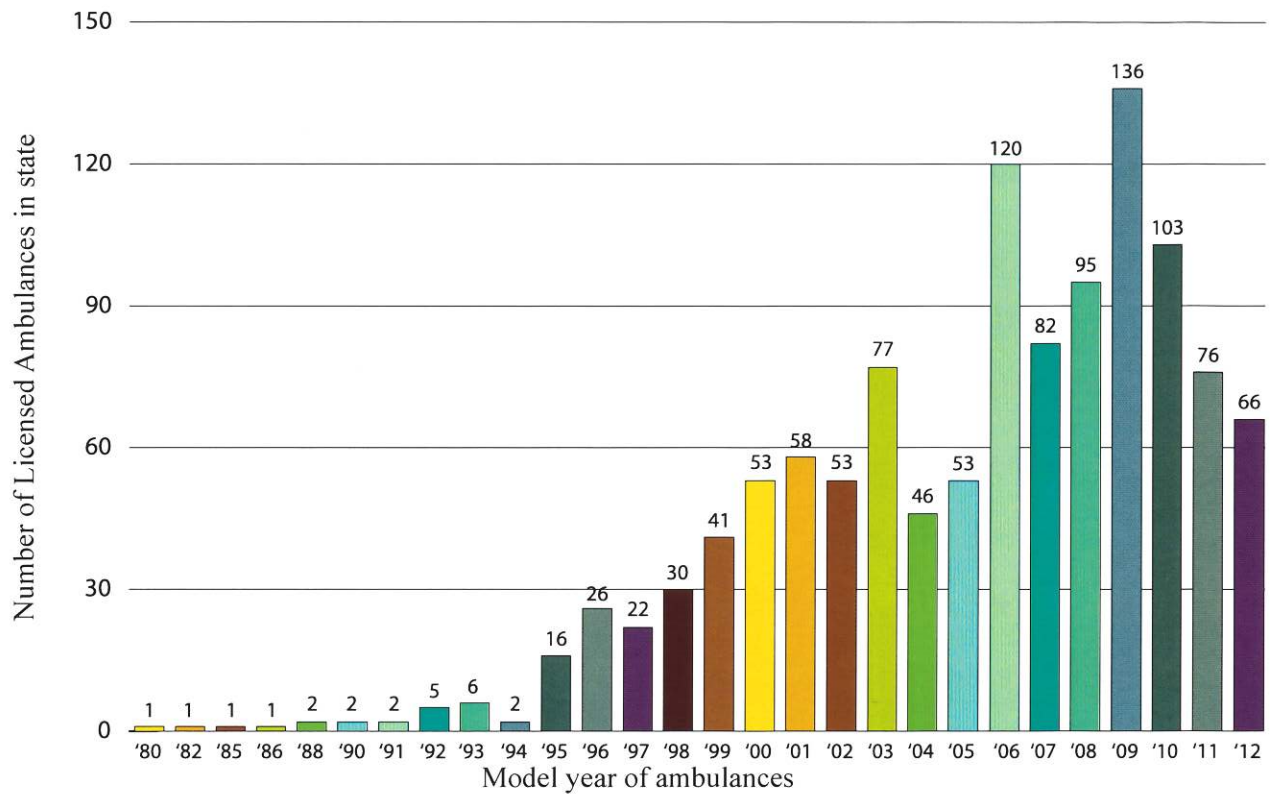
- 66% of dispatch centers provide pre-arrival instructions.
- 55% of dispatch centers have Emergency Medical Dispatch trained dispatchers.
- 10 % of Class I EMS Agencies reported an accident involving (Code 3, Lights and Sirens) in 2011.
- 27% of Class I EMS Agencies reported an accident involving non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



## Ambulances Licensed in Kentucky

|              |             |
|--------------|-------------|
| Air-Fixed    | 5           |
| Air-Rotor    | 69          |
| Type I       | 241         |
| Type II      | 284         |
| Type III     | 636         |
| <b>Total</b> | <b>1235</b> |

## Ambulance Model Year Distribution



## Violations Cited in 2012

| Number | Regulation  |
|--------|---|
| 10     | Personnel files were incomplete   |
| 10     | Incomplete preventative maintenance program                                   |
| 8      | Medical Director – No proof of ATLS   |
| 8      | Mutual Aid Agreements were not available                                      |
| 7      | Proof of insurance was missing (Professional Liability or Vehicular)          |
| 6      | Maintained copy or access to County and State Emergency Operations Plan (EOP) |
| 6      | No copy of FCC license  |
| 6      | Agreement between Medical Director and Agency                                 |

| Number | Regulation  |
|--------|---|
| 6      | Missing or incomplete orientation program           |
| 5      | Agreements with extrication agencies                |
| 5      | Health records were incomplete                      |
| 5      | Agreement with 911 center or attempts to obtain one |
| 5      | HAZMAT, criminal and terrorist plan                 |
| 5      | Medical Director Kentucky license                   |
| 4      | Medical Director certification – PALS or PEPP       |
| 1      | Medical Director certification ACLS                 |
| 1      | Missing or incomplete infection control plan        |
| 1      | License displayed in prominent area                 |



# 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

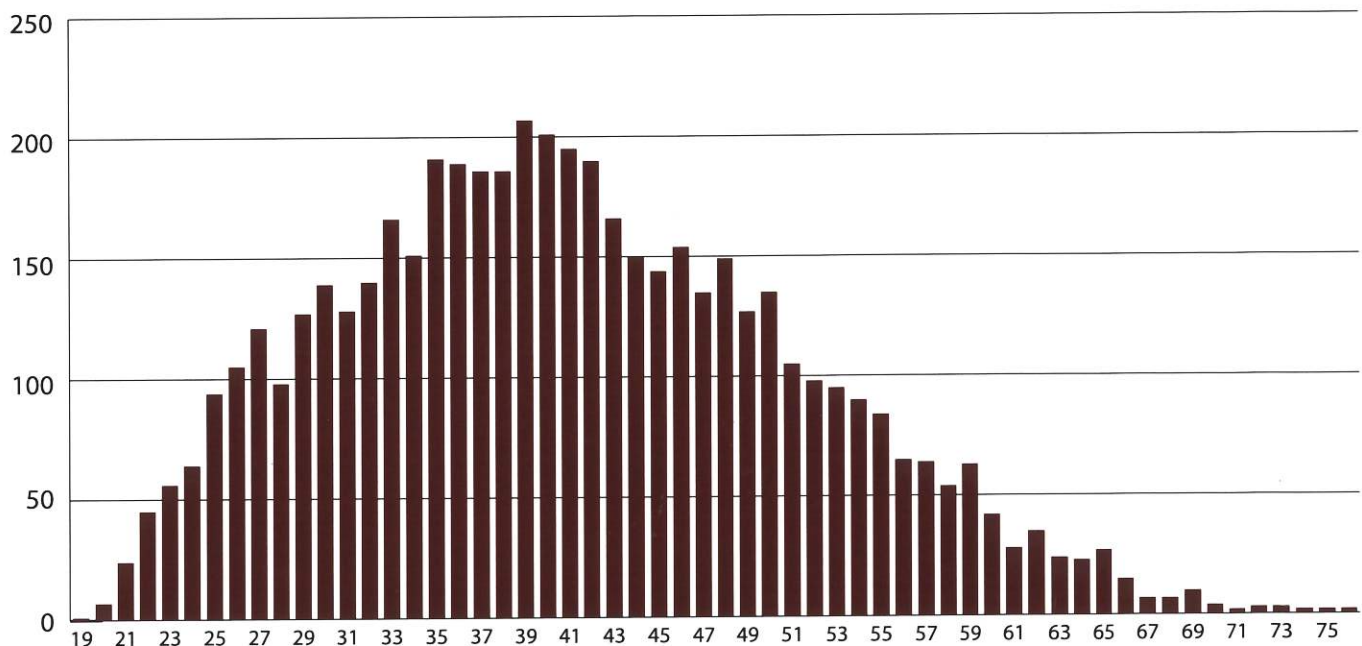
- Those indicating a usual shift length of less than 12 hours reported generally higher levels of satisfaction with shift length than those with longer shift lengths
- Those indicating a usual shift length of less than 12 hours reported fewer than expected number of work-related injuries than those with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

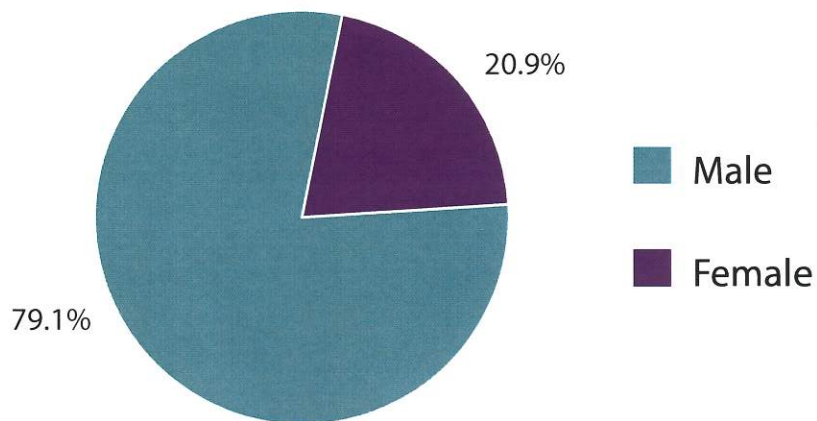
## Age of EMS Employees

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

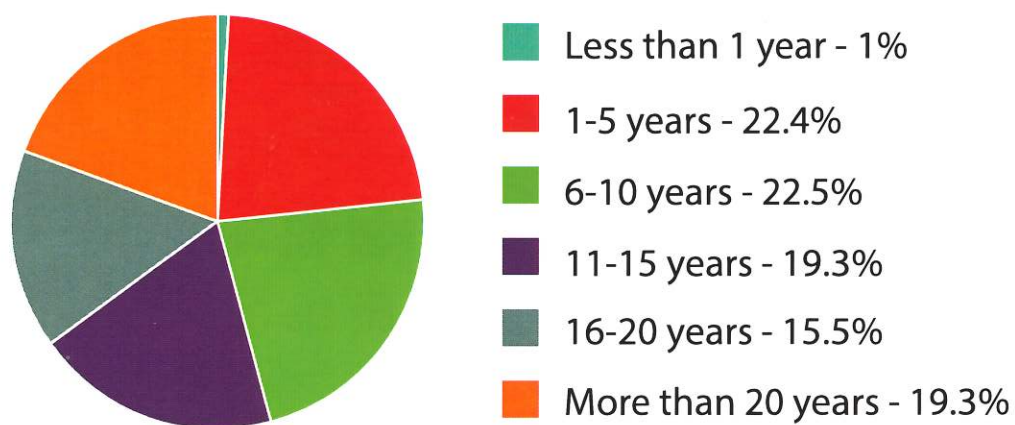




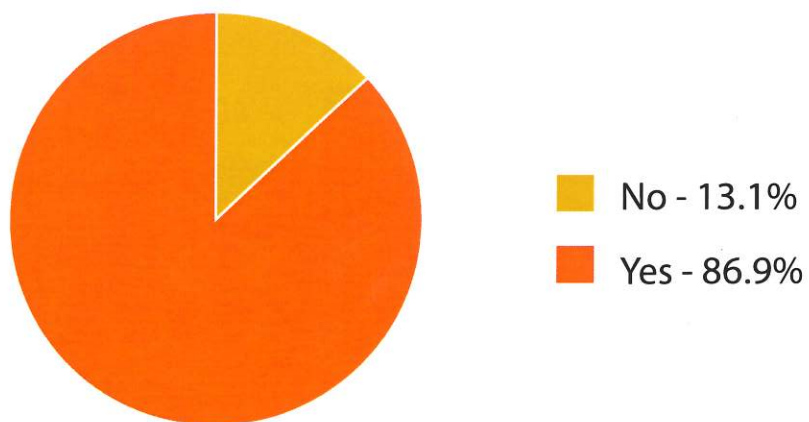
### Gender



### Length of Service

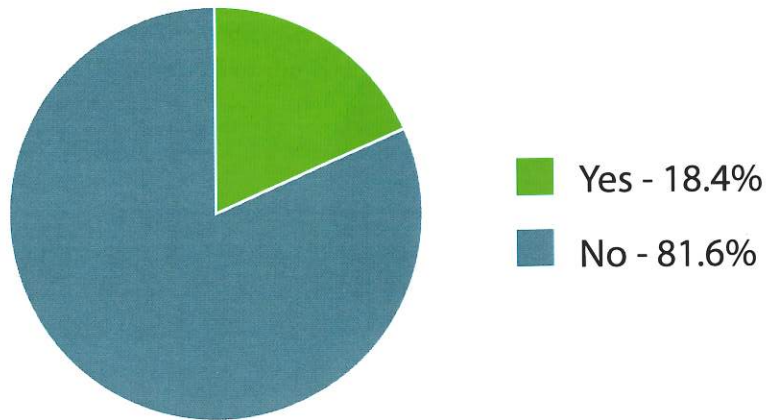


### Currently Practicing EMS



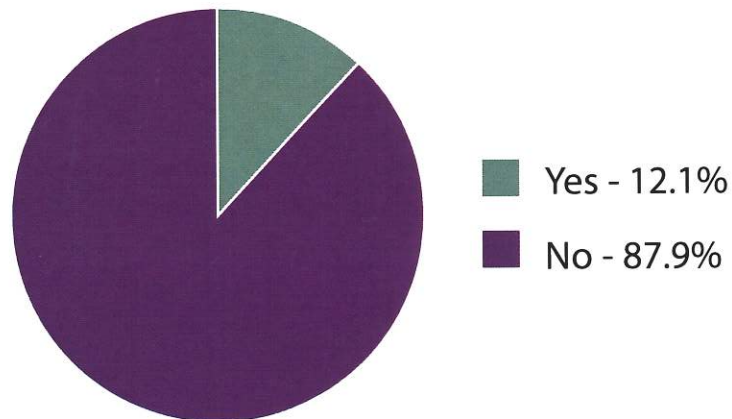


## Considered Leaving EMS

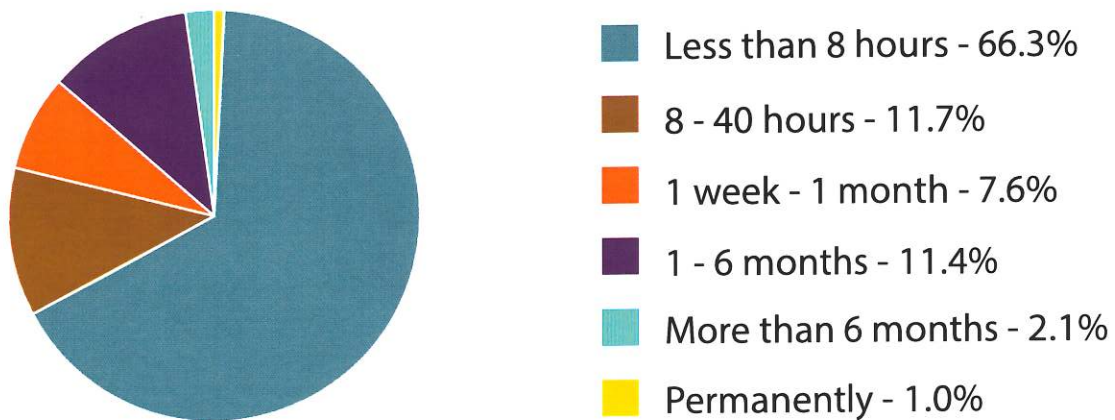


**In the past two years have you sustained a work related injury?**

## Work Related Injury

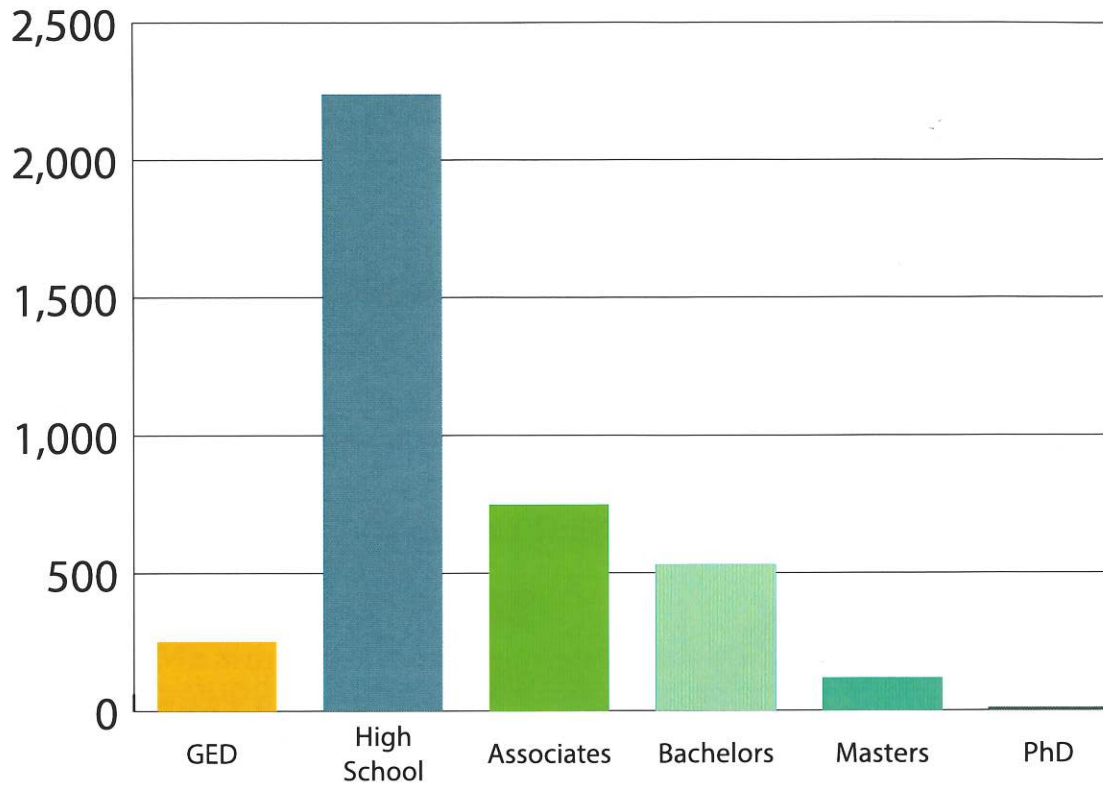


## Hours Missed Due to Injury

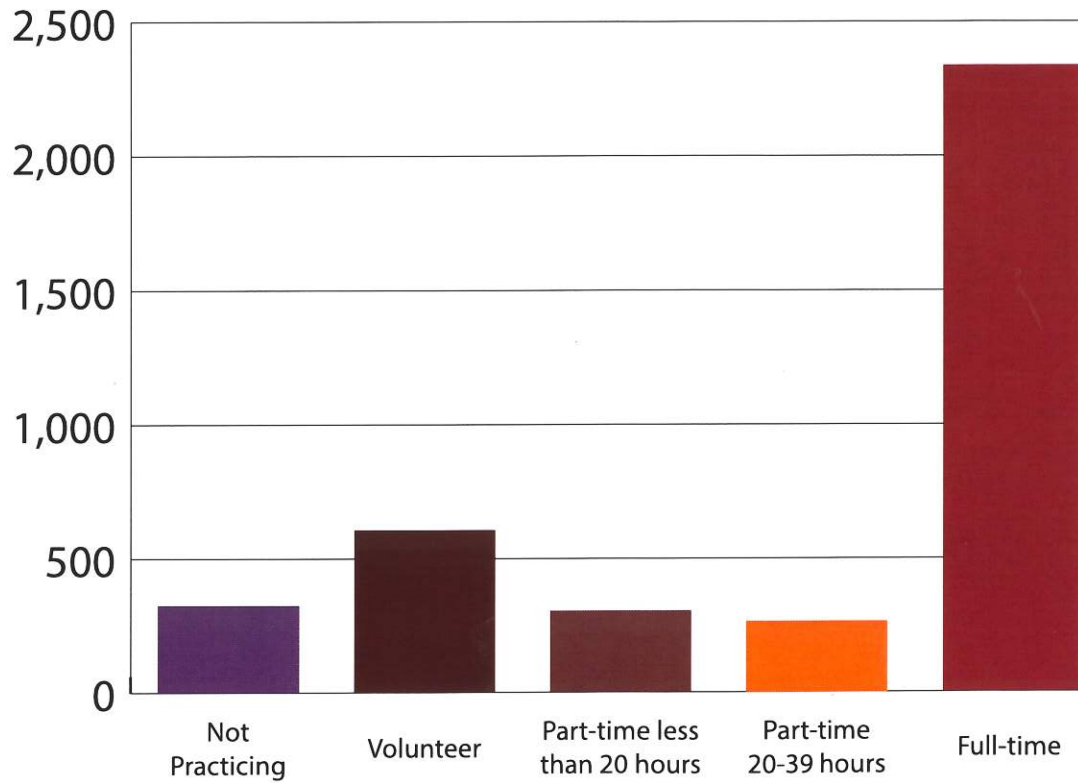




### Highest Level of Education

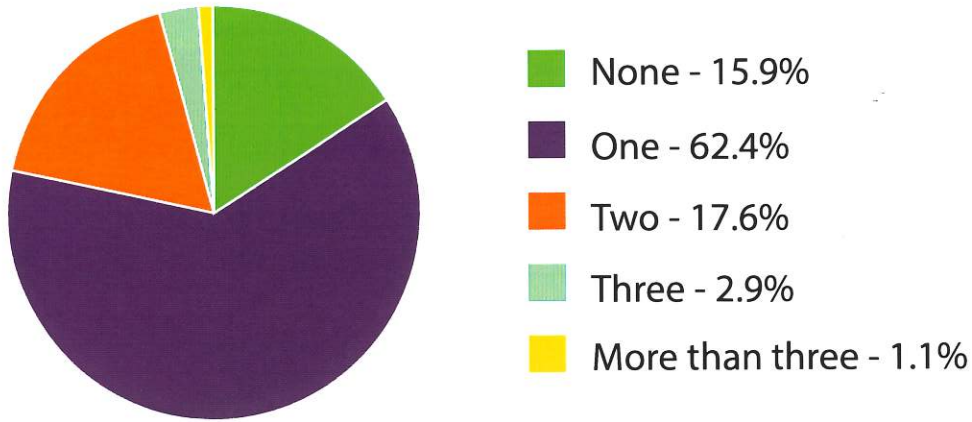


### Current Employment Status

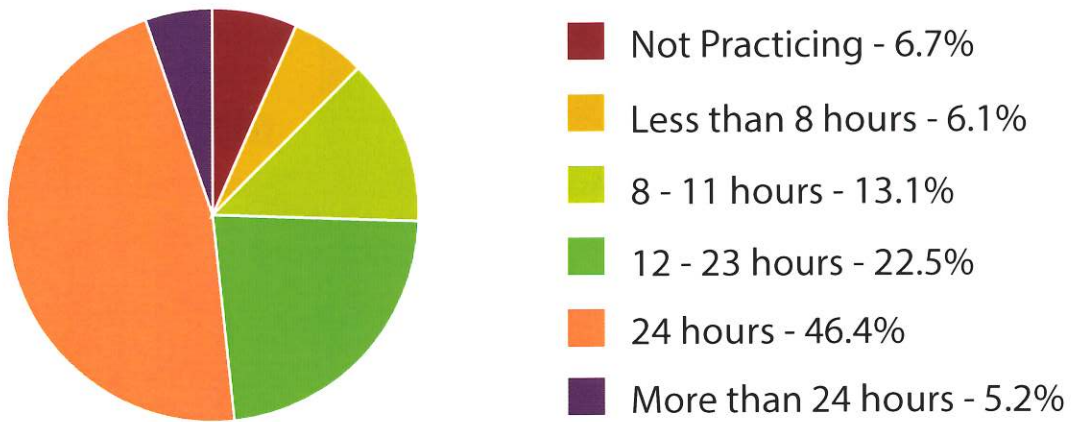


# KBEMS Survey

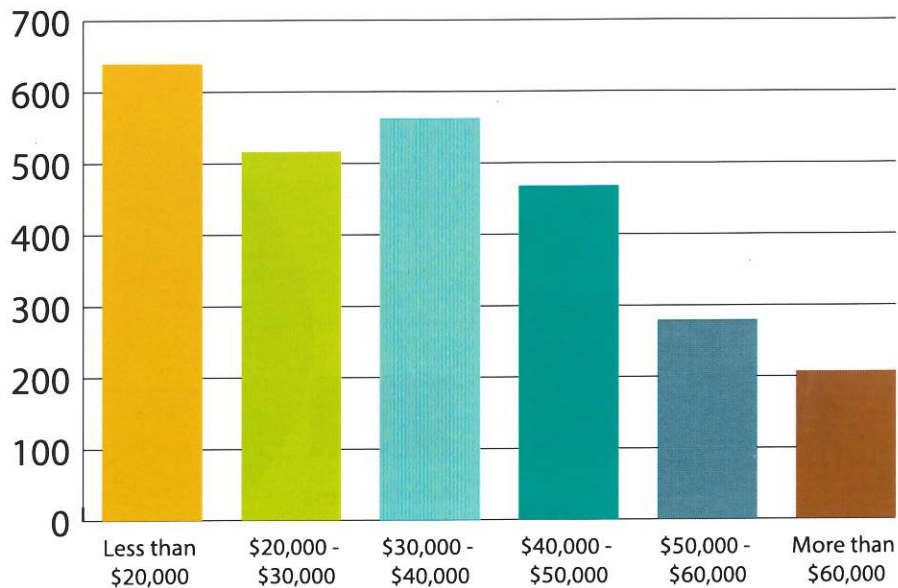
## Number of EMS Jobs



## Usual Shift Length



## Annual Salary





**Please Answer the Following Questions about your PRIMARY EMS Agency:**

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

**Open-Ended Questions**

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

| Keyword       | N  |
|---------------|----|
| Back          | 97 |
| Lifting       | 35 |
| Knee          | 30 |
| Ankle         | 24 |
| Shoulder      | 24 |
| Pulled Muscle | 18 |
| Head and Neck | 5  |
| Burn          | 4  |
| Eye           | 3  |

**“If you have considered leaving EMS, please state your reason(s).”**

| Keyword    | N   |
|------------|-----|
| Pay        | 217 |
| Retirement | 56  |
| Money      | 49  |
| Benefits   | 30  |
| Stress     | 27  |
| Burnout    | 26  |
| Family     | 20  |
| Injury     | 11  |

**“In what other states do you practice?”**

| State          | N   |
|----------------|-----|
| Ohio           | 172 |
| Indiana        | 133 |
| Tennessee      | 95  |
| West Virginia  | 50  |
| Illinois       | 26  |
| Virginia       | 24  |
| Florida        | 8   |
| Missouri       | 8   |
| Pennsylvania   | 6   |
| Georgia        | 5   |
| Alabama        | 4   |
| Arkansas       | 4   |
| Oklahoma       | 3   |
| Mississippi    | 3   |
| Iowa           | 2   |
| North Carolina | 2   |
| Alaska         | 2   |
| Texas          | 2   |
| Michigan       | 1   |
| Massachusetts  | 1   |
| Louisiana      | 1   |

For questions or more information please contact:  
[kbems@kctcs.edu](mailto:kbems@kctcs.edu)



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