Medical Direction

179 Medical Command Physicians were renewed.

32 new Medical Command physicians were added.

1,629 Medical Command Authorizations applications were processed.

5 Medical Command facilities were renewed.

1 new Medical Command facility was added.

There are 32 medical command facilities in the region.

Racemic epinephrine was added to the PA EMS Medication list after being researched and studied in the EMSI region.

The Resuscitation Outcomes Consortium Amiodarone, Lidocaine or Placebo (ROC-ALPS) Study was approved to be researched in the EMSI region.

There are 16 PA DOH accredited primary stroke centers in the region.

EMSI rolled out the PA Department of Health EMS Transfer of Care form.

1 additional Level II trauma facility was added.

Both air medical services licensed to operate in the region had their protocols approved.

Systems Operations

<table>
<thead>
<tr>
<th></th>
<th>Initial</th>
<th>Renewal</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Service</td>
<td>Vehicle</td>
<td>Service</td>
</tr>
<tr>
<td>BLS</td>
<td>11</td>
<td>22</td>
<td>2</td>
</tr>
<tr>
<td>ALS</td>
<td>1</td>
<td>29</td>
<td>81</td>
</tr>
<tr>
<td>QRS</td>
<td>1</td>
<td>20</td>
<td>3</td>
</tr>
</tbody>
</table>
94 licensure applications were processed.

217 total EMS agencies in the region - 133 licensed EMS agencies, 68 QRS agencies and 16 Rescue services.

EMSI staff conducted 3 unannounced agency inspections.

We now have 3 combined EMS agencies under the new EMS Act of 1 license per municipal identity.

1 new vehicle rescue service

1 swiftwater rescue renewal

5 new swiftwater rescue services

### Practitioner Services

<table>
<thead>
<tr>
<th>Practitioner Type</th>
<th>Certified This Year</th>
<th>Total In Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Responder</td>
<td>189</td>
<td>1,256</td>
</tr>
<tr>
<td>EMT</td>
<td>552</td>
<td>7,312</td>
</tr>
<tr>
<td>EMT-P</td>
<td>30</td>
<td>3,349</td>
</tr>
<tr>
<td>PHRN</td>
<td>12</td>
<td>451</td>
</tr>
<tr>
<td>PHP</td>
<td>33</td>
<td>173</td>
</tr>
<tr>
<td>EMT-Instructor</td>
<td>140</td>
<td>391</td>
</tr>
</tbody>
</table>

12,541 certified practitioners in the region.

433 EMS providers requested re-registration packets; 309 were completed by applicants

114 reciprocity packets were requested; 59 providers became PA certified (44 EMT and 15 Paramedic).

EMSI staff revised a provider resource brochure outlining the continuing education program to reflect the new rules and regulations. This brochure is sent to all newly certified EMS practitioners.
Management Systems

There were over 600,000 Patient Care Reports generated in the region and processed at EMSI.

Most Common Medical Categories (as seen by EMS [excluding not applicable/not available]):

1) Sick person 17.6%
2) Interfacility transfer 15%
3) Breathing Problems 5.3%
4) Traumatic Injury 5.1%
5) Fall Victim 4.5%

67% of the calls happen during daylight hours (0700-1900). 32% of total calls happen between 1000 and 1400 hours.

15.2% of patients evaluated in the region are not transported by EMS.

Approximately 2,300 patients account for 22% of the calls.

Education

29 EMR programs ran in the region

55 EMT programs ran in the region

<table>
<thead>
<tr>
<th>County</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allegheny</td>
<td>27</td>
</tr>
<tr>
<td>Armstrong</td>
<td>3</td>
</tr>
<tr>
<td>Beaver</td>
<td>1</td>
</tr>
<tr>
<td>Butler</td>
<td>2</td>
</tr>
<tr>
<td>Fayette</td>
<td>6</td>
</tr>
<tr>
<td>Greene</td>
<td>1</td>
</tr>
<tr>
<td>Indiana</td>
<td>4</td>
</tr>
<tr>
<td>Lawrence</td>
<td>2</td>
</tr>
<tr>
<td>Washington</td>
<td>3</td>
</tr>
<tr>
<td>Westmoreland</td>
<td>6</td>
</tr>
</tbody>
</table>

1 AEMT program started

7 Paramedic programs ran in the region

Three EMS-Instructor classes were held

24 Basic Vehicle Rescue classes and 7 Special Vehicle Rescue classes were held

EMSI held 3 CPR classes at our office for healthcare providers.

EMSI hosted an Instructor Professional Development Program.
EMSI hosted an EMS Instructor program in conjunction with CCAC attracting 28 students.

144 PHRN applications requested; 13 successfully completed the testing process.

6 PHP applications requested and all were certified.

EMSI conducted 59 BLS psychomotor examinations and 6 ALS psychomotor examinations.

EMSI conducted 92 first class visits.

Two educational institutes were re-accredited this year.

8 PHRN Prepare courses were conducted at EMSI attracting an average of 15 nurses per class.

**Continuing Education**

2,113 Con-Ed courses were registered in the region with 30,554 students enrolled.

Con-ed classes by county

<table>
<thead>
<tr>
<th>County</th>
<th>Con-Ed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allegheny</td>
<td>1189</td>
</tr>
<tr>
<td>Armstrong</td>
<td>61</td>
</tr>
<tr>
<td>Butler</td>
<td>141</td>
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<td>Fayette</td>
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<tr>
<td>Greene</td>
<td>38</td>
</tr>
<tr>
<td>Indiana</td>
<td>92</td>
</tr>
<tr>
<td>Lawrence</td>
<td>41</td>
</tr>
<tr>
<td>Washington</td>
<td>196</td>
</tr>
<tr>
<td>Westmoreland</td>
<td>222</td>
</tr>
</tbody>
</table>

268 Con-Ed by endorsement applications were processed.

27 continuing education sponsors were re-accredited. There are 152 sponsors in the EMSI region. EMSI welcomed 13 new sponsors.

EMSI approved 70 new continuing education course applications.

EMSI conducted 2 continuing education sponsor workshops.

539 patient actors/EMT assistants participated in NREMT psychomotor exams and received continuing education endorsement for their participation.
Top fifteen continuing education sponsors by volume:

- UPMC Prehospital Care
- Allegheny General Hospital
- Community College of Allegheny County PSI
- Ambulance and Chair Service
- Emergency Medical Service Institute
- Butler County Community College (BCCC)
- Pittsburgh Bureau of Fire
- Indiana University of PA, Emergency Services Training
- Westmoreland County Community College
- City of Pittsburgh Bureau of EMS
- STAT MedEvac
- Forbes Regional Hospital
- Ross/West View E.M.S.
- Ambulance Service Management Corporation (ASMC)
- Allegheny County Fire Academy

Top ten continuing education classes offered:

- ACLS Update
- ALS Skills Review
- HazMat Ops First Responder
- PALS Update with optional lessons
- Grand Rounds – 2 hours
- ACLS Provider
- Emergency Vehicle Driver Training
- PALS Update without optional lessons
- Injuries to Head and Spine
- PALS

EMSI hosted a continuing education course, in conjunction with the Epilepsy Foundation of Southwestern PA, attracting 27 students.

**Continuous Quality Improvement**

12 complaints received at EMSI and investigated.
249 Fatal Accident Reports were researched.
41 accidents involving ambulances/EMS personnel were reported in the EMSI region.
WMD/Emergency Preparedness Activities

57 Task Force Meetings were held; 9 Table Top Exercises were conducted; and 6 Full Scale Field Exercises were completed.

One of the mandated responsibilities of the Regional EMS Councils is to assist Federal, State or local agencies, upon request, in the provision of onsite mitigation, technical assistance, and situation assessment, coordination of functions or post-incident evaluations in the event of a potential or actual disaster, mass casualty situation or other substantial threat to public health. As part of its fulfillment of these tasks, the Institute’s WMD/Emergency Preparedness Division in conjunction with the PA Department of Health, and the Bureau of EMS actively participates with the Region 13 Task Force, as well as with Emergency Management officials throughout the region. During the past year, our personnel participated in the following meetings, exercises, events and real time disasters:

- Operation Primal Survival at Blueberry Hill Park
- Active Shooter Public Safety Training Drill in Bridgeville
- Active Shooter Public Safety Training Drill in Mars
- Groundhog Day in Punxsutawney
- Medical services during flood disaster in Elk County
- Tri-Annual Airport Exercise at Pittsburgh International Airport
- Arnold Palmer Airport Exercise in Latrobe
- Beaver County Nuclear Power Plant Drill in Shippingport

EMSI staff participated on Medical Subcommittee of the Joint Readiness Center, Region 13 EMS Committee, MMRS Health & Medical subcommittee and Steering Committee, Allegheny County Local Emergency Planning Committee, and Allegheny County Citizen Corp Council.

Organizational Management/Regional Activities

EMS Update 2014 was held March 27, 28 and 29, 2014. There were 78 sessions and the conference provided 4326 continuing education credits. 900 registered participants attended. 51 exhibitors participated (over 12000 square feet of exhibition space). Within Pennsylvania, thirty-eight counties were represented. 66% of the attendees were male; 63% of attendees were over the age of 41. Nineteen percent of the attendees attended EMS Update 2014 for the first time.

William Miller received the EMSI Practitioner of the Year award at EMS Update 2014.

Christie Cornelius, Elizabeth DeForrest and John Tirpak received EMS Recognition Awards at the 2013 EMSI Annual Meeting held November 14 at the Pittsburgh Hilton Garden Inn.
EMSI staff participated in EMS Night at PNC Park and other EMS Week activities.

During Fiscal year 2013-2014, the Institute received a total budgeted amount of $1,838,077 from the Department of Health and spent the entire amount to support the EMS system in its ten-county region. An independent financial audit will be released in the fall of 2014.

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