

# Emergency Medical Service Institute

## Fact Sheet    Fiscal Year 2011-2012

### Medical Direction

490 Medical Command Physicians were added this year.  
 1813 Medical Command Authorizations applications were processed.  
 Staff conducted 19 On-Site medical command facility visits.

There are 32 medical command facilities in the region.

### Systems Operations

	<i>Initial</i>		<i>Renewal</i>		<i>New</i>
	<i>Service</i>	<i>Vehicle</i>	<i>Service</i>	<i>Vehicle</i>	<i>Vehicle</i>
BLS			5	7	3
ALS			59	338	14
Air Ambulance			2	27	
QRS	2	4	9	16	5
VRSR	3	4	2	3	

144 licensure applications were processed.  
 Staff conducted 6 unannounced inspections and monitored 1 CAAS inspection.

During the fiscal year, including QRS, there were 217 recognized/licensed agencies in the region with 797 vehicles.

### Practitioner Services

	<i>Certified This Year</i>	<i>Total In Region</i>
First Responder	205	1178
EMT	932	6661
EMT-P	79	3224
PHRN	14	427
HPMD	14	106
EMT-Instructor	43	227
Rescue BVR	210	6350
Rescue BRP	0	575
Rescue SV	30	752
Rescue Instructor	1	115

# Management Systems

There were over 613,000 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
- 2) Interfacility transfer
- 3) Breathing Problems
- 4) Fall Victim
- 5) Chest Pain

There is a request for EMS, on average, every 50 seconds in the region.

# Education

<i>Programs</i>	<i>Classes Held</i>	<i>Students Enrolled</i>	<i>Students Completed</i>
First Responder	31	231	205
EMT	79	1103	932
EMT-P	11	120	79
PHRN	1	5	5
EMT-Instructor	2	40	40
Basic Vehicle Rescue	43	210	210
Special Vehicle Rescue	3	30	30
Agriculture	11	150	150
EVOC	64	654	654
CISM	7	30	30
Airway Maintenance	33	395	395
CPR	5	20	20

Eleven EMT Bridge programs were held.

EMSI hosted an Instructor Professional Development Program, an EMSI Evaluator Workshop, and a PHRN Prepare Workshop.

126 PHRN applications requested; 14 successfully completed the testing process.

EMSI conducted 85 BLS practical examinations, 74 BLS written examinations, 4 NREMT-P practical examinations and 47 rescue written examinations.

There are 227 active EMS instructors in the region assisting with programs at 12 educational institutes.

One educational institute was re-accredited this year. Four training sites were inspected.

Staff monitored 1 CoAEMSP site visit.

Observed and evaluated 37 instructors during 30 unannounced classroom visits and managed 64 BLS and ALS exam evaluators.

## **Continuing Education**

57 New Courses were processed; 150 Con Ed by Endorsement applications were processed

2545 Con Ed Courses were conducted in the region through 180 Continuing Education Sponsors.

EMSI facilitated development of a new course on the Center Learn LMS system, "AHA 2010 CPR & Emergency Cardiac Care Guidelines for ALS and BLS". EMSI worked with Vincent Mosesso, Jr., MD. This course, developed by Dr. Mosesso and originally presented by EMSI at the EMS Update Conference, explains, in detail, the science behind the changes made in emergency care and resuscitation. This course provides 1.5 medical/trauma CEU for ALS providers, 1.0 medical/trauma CEU for BLS providers, and 0.5 medical/trauma for EFR. To date, 190 providers have completed this course.

EMSI rolled out a new and improved Continuous Education software program for the submission and tracking/uploading of data to the PA EMS Registry System. 81 sponsors have transitioned to this new program.

EMS Update 2012 was held March 22, 23 and 24, 2012. Nearly 800 registered participants attended. Sixty percent of those attending function at the BLS level. This conference attracted participants from eleven states. Within Pennsylvania, thirty counties were represented.

## **Continuous Quality Improvement**

7 New Complaints Received at EMSI and investigated.

266 Fatal Accident Reports were researched.

Continued to monitor medication shortages and adjusted the regional drug list as necessary.

EMSI, with guidance from Dr. Christian Martin-Gill, developed a hospital chart ([www.emsi.org/HS.asp](http://www.emsi.org/HS.asp)) that lists several specialized medical emergencies that regional hospitals are equipped to handle. This tool (hospitals self-report) is to be used as a guide by providers.

The STEMI Education sub-committee developed a 12-lead recognition and interpretation course. This three module program debuted at EMS Update 2012.

Regional services conducted a controlled substance disposal project. Over 80% of services waste controlled substances at hospitals in front of witnesses with over 60% documenting such on PCR's.

## WMD/Emergency Preparedness Activities

63 Task Force Meetings were held; 14 Table Top Exercises were conducted; and 9 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:

- Response to Hurricane Irene
- Response to Tropical Storm Lee
- Exercise Operation Runway Overpass
- Baily Mine CONSOL Energy, mine collapse exercise
- Emergency Preparedness demonstration in Westmoreland County
- Emergency Preparedness demonstration in Allegheny County/City of Pittsburgh
- Provided Environmental Support for City of Pittsburgh during two mass gathering events
- Provided Environmental Support for a mass gathering event in Westview Borough
- Provided Environmental and Medical Support for the PGA Senior Open
- Provided Environmental Support for Jamison Hospital during a power outage
- Provided Environmental Support at Friendship Ridge Nursing Home during power grid switch-over
- Provided Environmental Support (air conditioning operations) to Redstone Highlands Assisted Living Facility
- Supplied Disaster Relief Centers throughout Commonwealth post Irene/Lee
- Beaver Valley Nuclear Power Plant full scale drill
- Simulated commercial bus accident over hillside utilizing ATVs
- Region 13 Counter Terrorist Task Force Regional Joint Tactical SWAT Exercise/Training in City of Pittsburgh.

Participated on Medical Subcommittee of the Joint Readiness Center; Region 13 EMS Committee, MMRS Health & Medical subcommittee and Steering Committee, Western Pennsylvania Tactical Medical Support Council, Allegheny County Local Emergency Planning Committee, and Allegheny County Citizen Corp Council.

Continue to working on response plan for Blue Stone Dam in West Virginia and updated the regional response plan.

## Organizational Management/Regional Activities

Dr. Paul Paris, Regional Medical Director, was recognized as one of 2011's Top 10 Innovators in EMS.

Pete Frejkowski received the EMSI Practitioner of the Year award at EMS Update 2012.

Dr. Richard Heath and Marion Jones received EMS Recognition Awards at the 2011 EMSI Annual Meeting.

SOF Tactical Tourniquets were distributed to 637 licensed EMS transport vehicles.

Staff attended New Jersey State EMS Conference to receive recognition award for the response to Hurricane Irene.

LaCrosse Wireless Temperature stations with batteries were distributed to 185 EMS agencies. The intent of these temperature stations are for EMS personnel to check the front and back of each vehicle to ensure patients have access to air conditioning and heat.

Sponsored two all-day Career Events for EMS providers, potential new EMS personnel, Educational Institutes and EMS agencies.

Staff participated with the EMS Honor Guard at the National EMS Memorial service.

During Fiscal year 2011-2012, the Institute received a total budgeted amount of \$2,356,027 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 2012.

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