

COLERAIN FIRE & EMS

Training & Safety

PHILOSOPHY

Training and continuing education are vital to fire & EMS operations. As operations and patients continue to present with increasing complexity, training and continuing education must follow suit.

We will be judged by our quality of service. Without a focus on the customer, measurement of progress and continuous improvement we will no longer command the respect of our customers.

It is therefore a personal, moral, and ethical conviction that we provide the highest trained, most technically competent and customer focused emergency services providers to our customers in Colerain Township.

EMS, FIRE, RESCUE, HAZMAT TRAINING

- ODPS Chartered Agency
 - 1 of only 69 in the state
 - 1 of only 10 fire departments
- Continuing Education Site
- Department Based Paramedic Program
 - Cincinnati State College
 - Pass rate higher than the national average
- Command Training Simulator
- Fire Training Tower
- In 2011 we provided 19,326 hours of training

EMS, FIRE, RESCUE, HAZMAT TRAINING

- Collaboration
 - Cincinnati Fire Department
 - Midwest and Western Hamilton County Fire Departments
 - Citizens Fire Academy Alumni Association
 - Cadre of Instructors
 - Fire
 - EMS
 - ACLS
 - PALS
 - BLS
 - Drivers training
 - Best Practices Document Dallas, TX
-

COLLABORATION

- Western Hamilton County Fire Departments
 - Billed amount = \$1,500.00
 - Trained 207 firefighters from seven fire departments
- Positives
 - Depts. sharing services
 - Reinforced working relationship
 - Better understanding of equipment
 - Learn new techniques
- Work to do
 - Apparatus placement
 - Hose movement
 - Radio traffic
 - Accountability
 - Deployment of backup line

EMS TRAINING

- Emergency Medical Services Training
 - Department Instructors
 - 4 Primary Physician Instructors
 - 12 EMS Instructors
 - 4 Asst. EMS Instructors
 - 20 CE Instructors
 - In 2011 we provided 8,564.50 hours of EMS training to our employees
 - All employees are protocol tested yearly at their cert level
 - All employees go through physician proctored practical testing yearly

CONTINUING EDUCATION REQUIREMENTS

- EMT-Basic
 - 40 Hours
 - 6 hours pediatrics
 - 2 hours geriatrics
 - 8 hours trauma issues
- EMT-Paramedic
 - 86 Hours
 - 12 hours pediatrics
 - 4 hours geriatrics
 - 8 hours trauma issues
 - 6 hours emergency cardiac care

CONTINUING EDUCATION REQUIREMENTS

- Firefighters
 - 54 Hours
- Fire Safety Inspector
 - 30 hours

CONTINUING EDUCATION REQUIREMENTS

- Fire/EMS Instructors
 - 6 hours
 - Related to instruction
 - 24 hours of instruction
 - Minimum
- Assistant Instructors
 - 6 hours
 - Related to instruction
 - 8 hours of instruction
 - Minimum

TRAINING GUIDELINES

- CTFD
 - 60/24/2
 - ISO
 - Handout
 - NFPA 1500
 - Handout
 - OSHA
 - Handouts
-

PERSONNEL

- Allen Walls
- Mike Reenan
- Jennifer Dransman

RESPONSIBILITIES

- Allen
 - Training
 - EMS Instructor, Fire Instructor, BLS Instructor, ACLS Instructor, PALS Instructor, Fire Charter Program Director, Administrative Duties
 - Administration
 - Grants, Benchmarking, SWOT, Others as Assigned
 - Fire Prevention and Education
 - Public Education Activities
 - Operations
 - Shift Commander, Company Officer, Safety Officer, Weekend Rotation, Others as Assigned

RESPONSIBILITIES

- Mike
 - Training
 - Fire Instructor, Administrative Duties, Building Maintenance, IT
 - Administration
 - Uniforms, Phone and IT Support, Fingerprints
 - Operations
 - Weekend Rotation
-

RESPONSIBILITIES

- Jennifer
 - Training
 - Asst. Fire Instructor, EMS Assistant Instructor, Administrative Duties, Others as Assigned
 - Prevention and Education
 - Fire Inspector, Public Education Activities
 - Administration
 - CFA Coordinator, Benchmarking

WHAT DO WE COST?

- Allen
 - \$130,280.44 (OP&F, medical & dental included)
 - 75% Training, 15% Administration, 10% Operations
- Mike
 - \$55,000
 - 50% Training, 45% Administration, 5% Operations
- Jennifer
 - \$35,000
 - 75% Training, 12.5% Prevention and Education, 12.5% Administration

WHY DOES TRAINING EXIST?

- Quality of service
 - Defined by how you are trained
 - PSI example
- Measurement of progress
 - Minimum company standards
 - Practical testing
- Continuous quality improvement
 - “good can be great, great can be better”

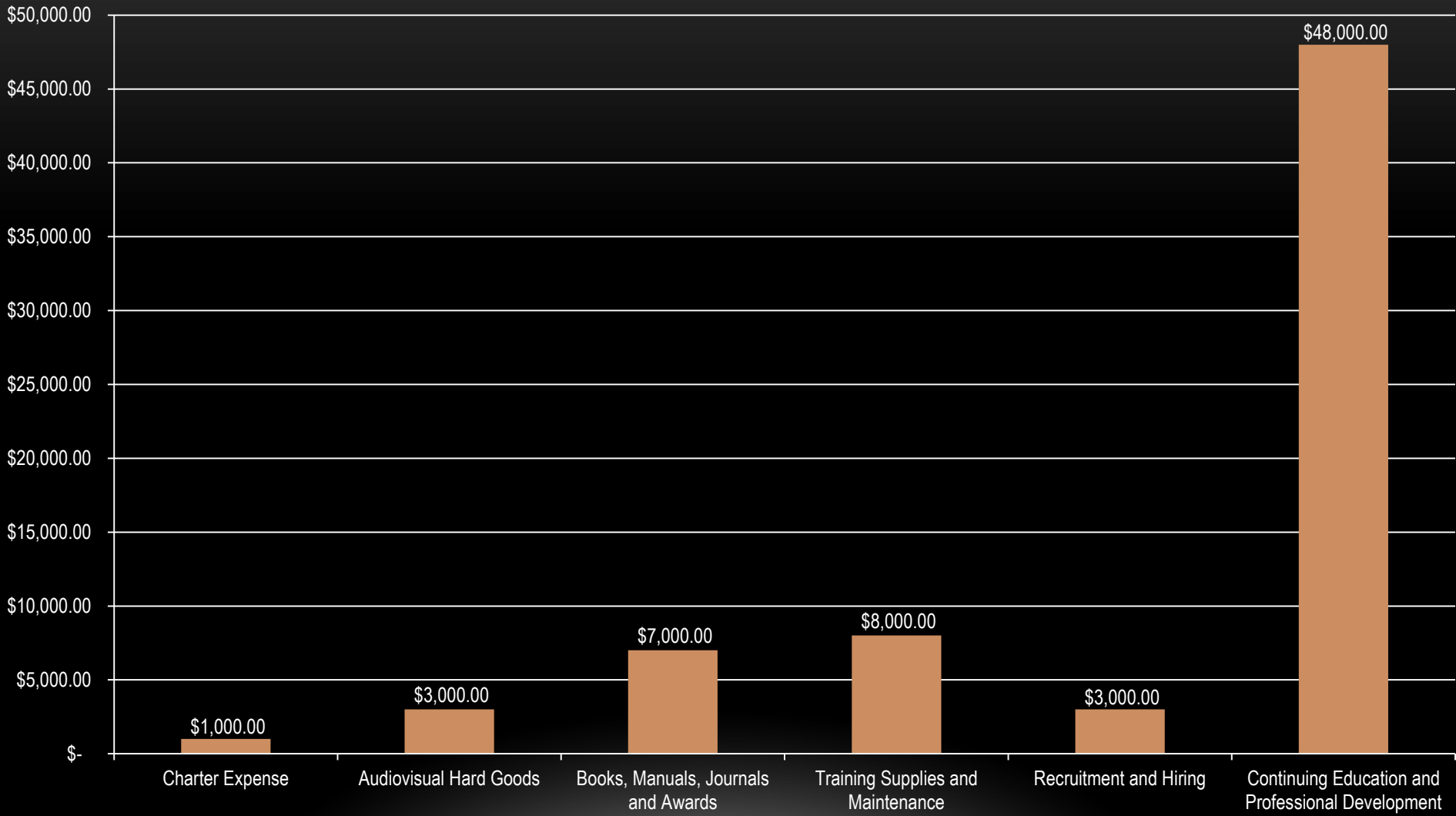
EXAMPLE

- Paramedic practical skills testing 2012
 - CAT tourniquet 95.1%
 - Airway station 93.1%
 - EZ/IO Station 99%
 - Medical assessment station 100%
 - 12 Lead EKG station 96%

EXAMPLE

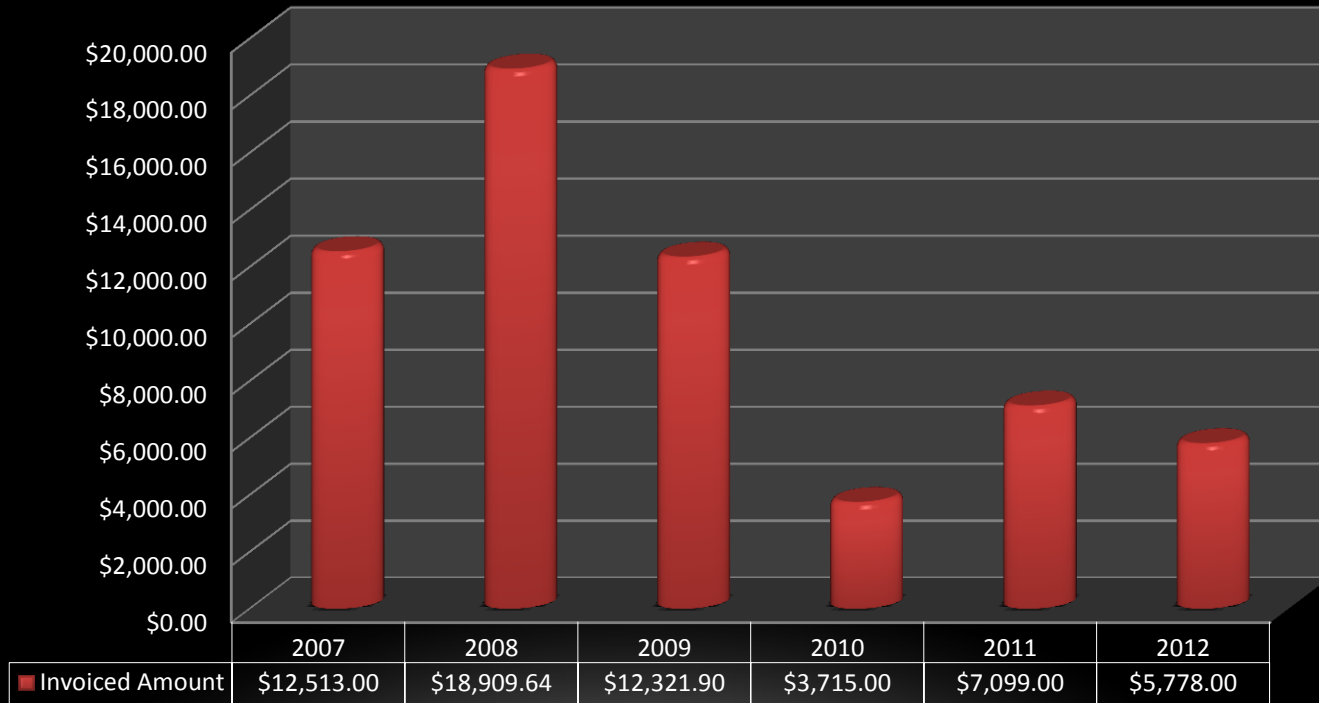
- NIOSH LODD Reports
 - Traumatic deaths SFD “Bread and Butter Operation”
 - 2009
 - 3/3
 - 2010
 - 3/3
 - 2011
 - 4/5

2013 Budget Request



INCOME

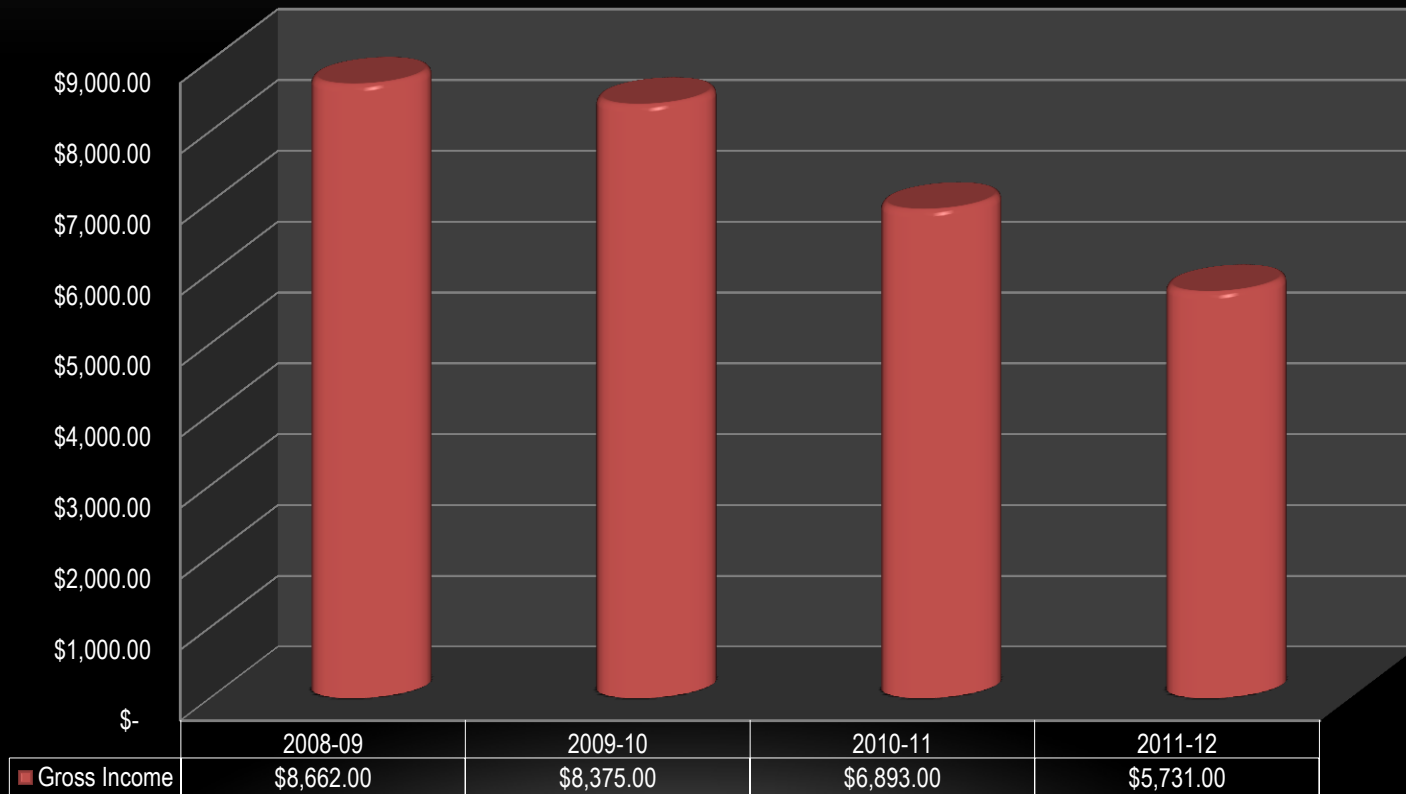
Training Division Annual Invoiced Amount



\$60,336.54

C. STATE

Annual Gross Income EMT-P Class



\$29,661

2013 PROJECTIONS EMS (MOU)

- A&P
 - \$3,500.00
- Paramedic P/P
 - \$36,250.00
- EMT-B
 - \$6,500.00
- EMT-B Internship
 - \$3,000.00

\$49,250.00

2013 PROJECTIONS FIRE (MOU)

- Firefighter I and II
 - \$13,500.00
- Firefighter Self Rescue
 - \$2,000.00
- Cadet/Firefighter Fitness
 - \$2,000.00
- Fire Inspector
 - \$1,500.00

\$19,000.00

GRANTS

- 2004 \$197,582 SCBA
- 2007 \$40,784 Diesel exhaust extraction systems
- 2009 \$91,000 SCBA upgrade
- 2011 \$28,000 SCBA compressor/fill station
- Walmart \$10,000

\$367,366

TOTAL COST OF TRAINING

- Salaries
 - Allen, Mike, Jennifer
 - \$151,460.00
 - Other
 - **\$75,916.00** (Includes OP&F)
- Budget
 - \$70,000.00
- Total
 - \$297,376.00 / 27,890 hours = \$10.66 per training hour

COST OF TRAINING LESS REVENUE

- Salaries
 - Allen, Mike, Jennifer
 - \$136,314.00
- Budget
 - \$70,000.00
- Revenue (Total Projection 2013)
 - \$78,250.00
- Total
 - $\$128,064.00 / 27,890 \text{ hours} = \$4.59 \text{ per training hour}$

SHIP IT OUT

Cost Comparison



Comparisons made with quantitative data & projected estimates

COST SAVINGS

- Training and Safety
 - Cost Savings (per student)
 - EMT-B
 - \$800.00
 - Medic Refresher
 - \$400.00
 - ACLS Renewal
 - \$150.00
 - PALS Renewal
 - \$150.00
 - BLS Renewal
 - \$100.00

COST SAVINGS

- Training and Safety
 - Cost Savings (per student)
 - Firefighter I and II
 - \$2,500.00
 - Fire Safety Inspector
 - \$600.00
 - Public Safety Instructor
 - \$600.00

EXAMPLE

- Advanced auto extrication
 - FDIC 2013
 - 4 hours
 - \$125.00 per person
 - $100 * \$125.00 = \$12,500.00$
 - Our cost \$1,000.00
 - Savings = \$11,500.00

EXAMPLE

- Paramedic refresher
 - C. State Quote
 - LSFD
 - 10 students
 - \$1,950.00
 - CTFD
 - \$450.00
 - \$1,500.00 cost savings

WHY WE DO WHAT WE DO



QUESTIONS
