



Between Life and Death

Crisis in EMS
How will it affect
your community?

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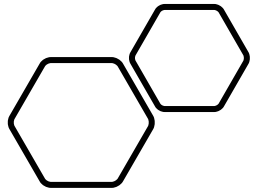


<https://www.youtube.com/watch?v=0dHJ2fyTeXQ&feature=youtu.be>



What are your expectations when you call 911?

**THE AMBULANCE
STATION IS
CLOSED**



History

- Relatively young profession
- 1966 White Paper
 - The beginnings of modernized EMS
- Accidental Death and Disability; The neglected disease of modern society



National Highway Traffic Safety Administration



- Charged with development of the system
- Standardization of the system



EMS Systems Act of 1973 (EMSS)



Provided federal funding

More than 300 EMS systems
across the nation were born

EMS was starting to be
recognized as a distinct specialty

Established first 70-hour EMT
training Course

It did not stimulate financing at the local
level to continue the growth of EMS

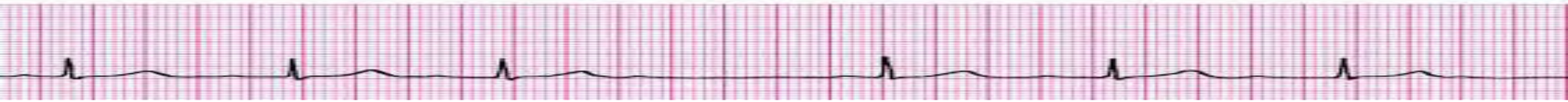
1980's



- 1981 Omnibus Budget Reconciliation Act
- Principle funding for EMS transitioned from Federal to State
- Many states did not allocate funding towards EMS
- This eliminated funding under the EMSS act

1990's

- Lack of funding and Infrastructure
 - Agencies operate blindly
 - EMS systems developed haphazardly
 - EMS Studies and research limited



2000's

- World Trade Center and Pentagon attacks
- Hurricane Katrina
- Multiple Mass Shootings
- Ebola Outbreak
- COVID 19 Pandemic



Fragmented Oversight and Funding

Department of Transportation

EMS Systems Act

Omnibus Budget Reconciliation Act 1981

Centers for Medicare & Medicaid

Emergency Medical Services for Children (Federal)

Clinical Laboratory Improvement Amendments (CLIA)

Controlled Substance Act (1970)

Health Insurance Portability and Accountability Act (1996)

Workforce Safety- OSHA/PESH

Fair Labor Standards

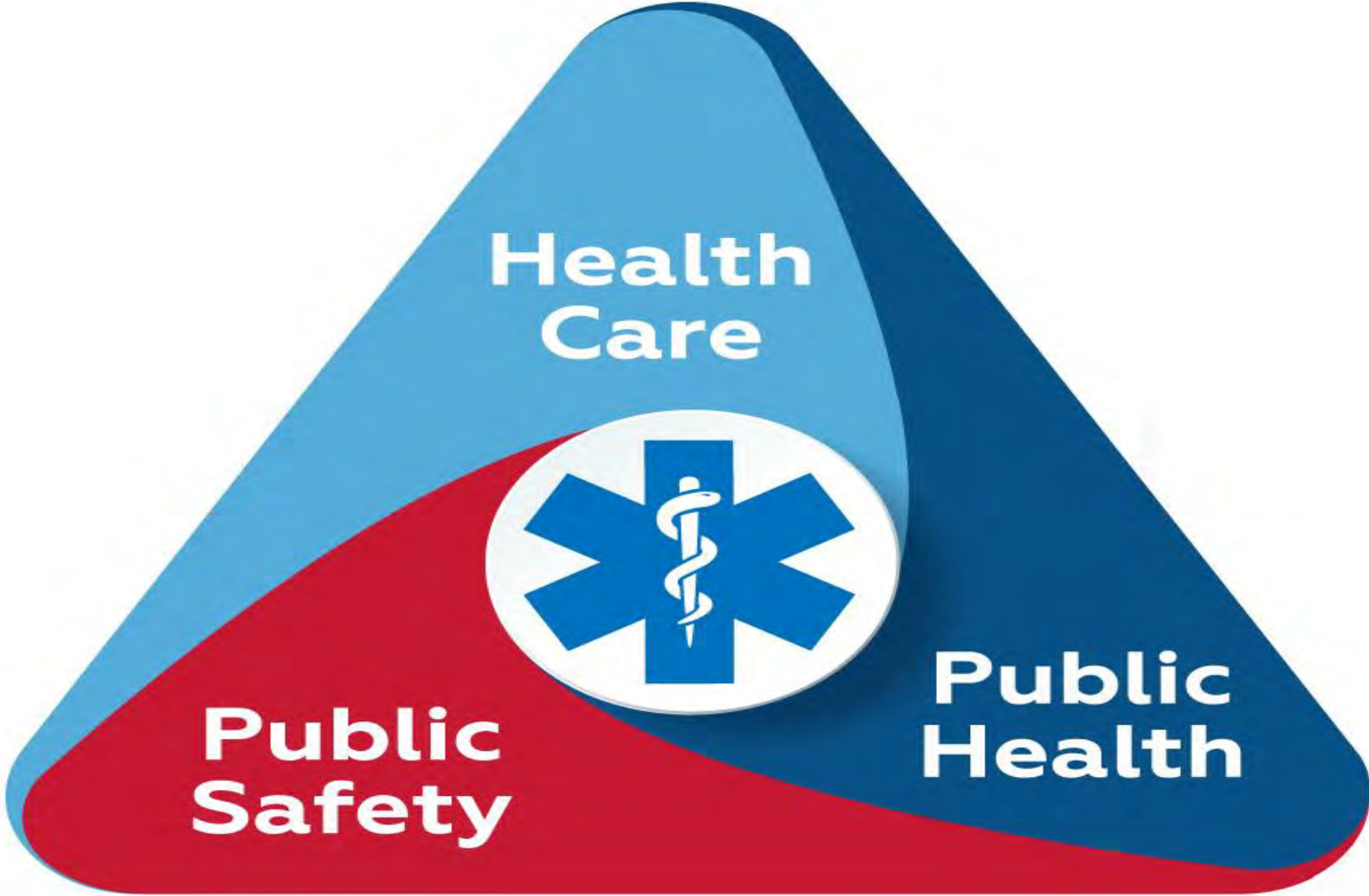
NYS Bureau of EMS and Trauma Systems

Department of Labor

Municipalities

Insurance Companies





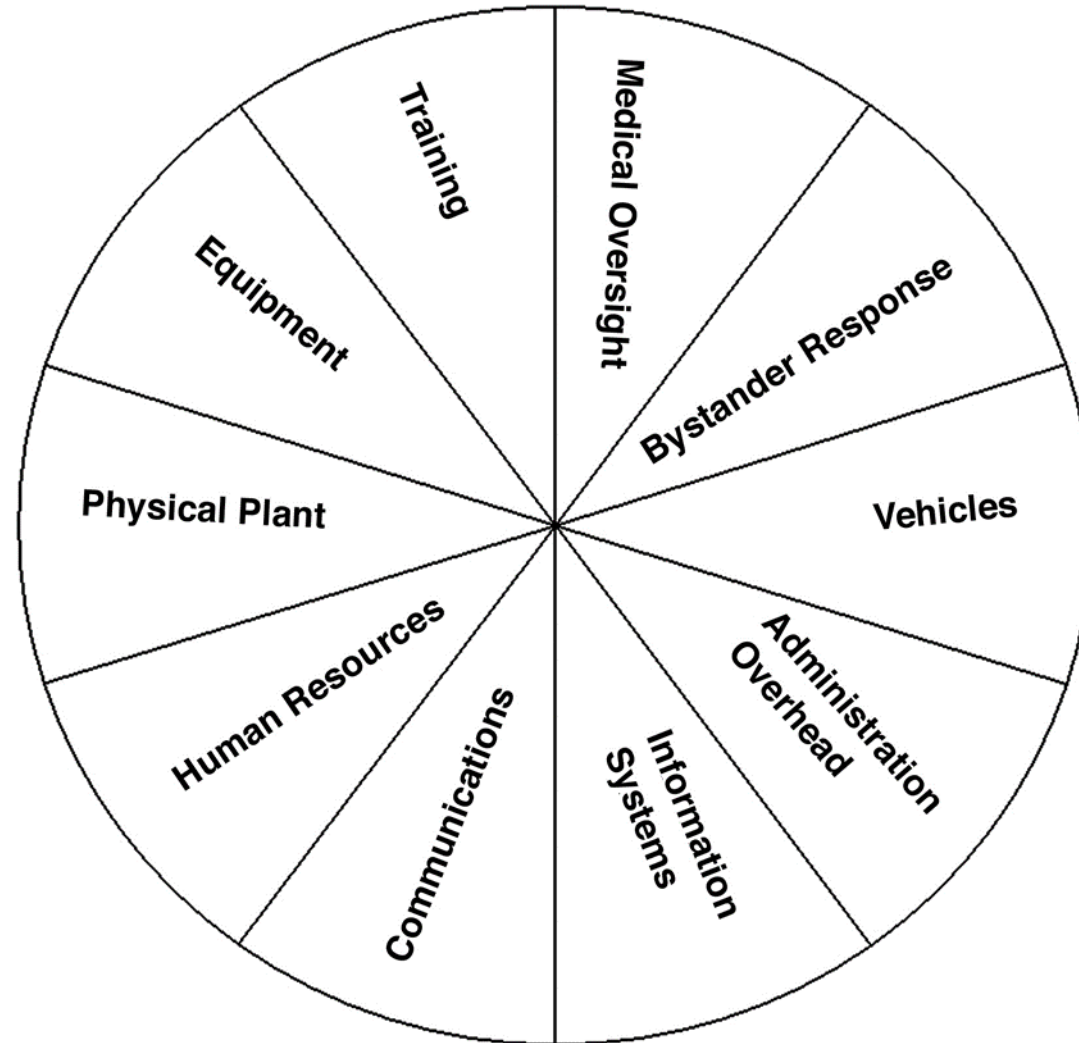
**Health
Care**

**Public
Safety**

**Public
Health**



Framework for Understanding Costs



EMERGENCY CARE SYSTEM FRAMEWORK

All around the world, acutely ill and injured people seek care every day. Frontline providers manage children and adults with injuries and infections, heart attacks and strokes, asthma and acute complications of pregnancy. An integrated approach to early recognition and management saves lives. This visual summary illustrates the essential functions of a responsive emergency care system, and the key human resources, equipment, and information technologies needed to execute them.



■ HUMAN RESOURCES
 ■ FUNCTIONS
 ■ EQUIPMENT, SUPPLIES, INFORMATION TECHNOLOGIES





Ambulance Service and System Challenges

Municipal Involvement

- Do your EMS Services attend board meetings routinely?
- Do you understand how medical calls are answered in your community?
- Must provide Fire Protection
 - Not all fire protection includes EMS services





Public Expectations

- When they call 911 an ambulance quickly arrives
- Ambulance drivers
- No one else to help them
- Inappropriate use



Cost of Readiness




- Facilities
- Utilities
- Staffing 24/7
- Equipment maintenance
- Management
- Training
- Vehicles

Workforce Shortage

- Decline in the number of volunteers
 - Unable to replace long -time volunteers
- Low wages
 - Tremendous responsibilities
- Limited capacity to raise wages
 - Declining health of agency
- Increasing demands
 - Aging communities
 - Substance abuse
 - Behavioral health
- Burnout (post report)
 - Pandemic
 - Limited workforce



Training Requirements

- CFR (EMR)- 60
- EMT 150-190 classroom and clinical hours
- AEMT 160-190 classroom and clinical hours
-  Critical Care –Over 500 classroom and clinical hours
- Paramedic – 1000-1200 hours classroom and clinical hours
- Ongoing education to maintain certification



Cost of Equipment





Cost of Disposable Supplies

- Pharmaceuticals
- Bandages/Dressing
- Oxygen supplies
- Obstetric supplies
- Venous access supplies
- Cardiac monitor supplies
- Airway supplies

- All have expiration dates

Business aptitude



Insurance Reimbursements

- Medicare and Medicaid
 - Payor mix
- Private Insurance
 - Payment to Patient
- Payment requirements
 - Transport
 - Medically Necessary





Lack of Interoperability

- The ability of emergency response agencies to talk to one another via communication systems
- Many municipalities have antiquated radio systems
- Many radio systems do not integrate with neighboring counties or municipalities
- Many do not integrate between public services





Fundraising for Operations

What does this mean for you!

- Complex solutions for complex systems
- There is not a one size fits all solution
- Engage in understanding your community's emergency needs



Solutions to ponder

- Special ambulance tax districts
- Consolidation
- Subsidizing local services
- Systems of care
- Ambulance Co-ops
- Municipal Certificate of Need
 - Contracts for service
 - Operating service



