



Enrico Davoli, Programme Manager
*Emergency Medical Services Programme,
World Health Organization - European Office*

Assessment of emergency medical services preparedness in the framework of national crisis management structures in EU member states

**Workshop on Generic Preparedness and Response
a multi-sector responsibility
Brussels, 3 June 2008**



Directorate-General for
Health & Consumers



PROJECT BASIC FACTS

- Project implemented and coordinated by WHO EURO
- Duration: March 2007 – July 2008
- **Rationale of the project:** Emergency Medical Services have a primary function to deliver emergency medical care in all cases of emergency conditions, including disasters. It is widely recognised that the main benefits of disaster response are dependent upon the pre-existing local system rather than from outside help.

Professional standards, organizational arrangements, coordination mechanisms vary widely across EU

and in order to better understand the existing systems and to identify gaps and potential ways to improve harmonization, standardization, and cross border interoperability of systems a comprehensive stocktaking is needed.



PROJECT OBJECTIVES

GENERAL OBJECTIVE

To improve the understanding of emergency medical services structures and organizational arrangements and their links to the national crisis management system.

SPECIFIC OBJECTIVES

- (1) To develop a **standardized template to allow cross country comparisons** and the compilation of an essential information package;
- (2) To **map the current emergency medical services preparedness** including existing institutional, educational, operational and human resources capacity;
- (3) To collect data on **existing crisis management mechanisms** designed to manage health threats **in emergency medical services**.



PROJECT OBJECTIVE 1: To develop a standardized template to allow cross country comparisons

39 subjects

On-line questionnaires submitted to one representative per country.

Appointed by the Ministry of Health

**LEGISLATION
AND FINANCING**

**OUT-OF-HOSPITAL
MEDICAL
SERVICES**

**IN-HOSPITAL
MEDICAL
SERVICES**

**EDUCATION &
TRAINING**

**CRISIS
PREPAREDNESS
of EMS SYSTEMS**





Project Objective 1: Web based survey on EMS structures and their links to the national crisis preparedness system

http://es.euro.who.int - CONTACT - Mozilla Firefox

Emergency medical service system (EMS system)

It refers to a comprehensive integrated public safety and health care system model. It consists of a mechanism for accessing the system and reporting an emergency; prehospital service delivery and transport mechanisms; definitive, specialty, and rehabilitative care facilities; public education, participation, and prevention processes; educational programming and institutions; integrated medical and administrative direction and oversight organizations and processes; resource allocation and financing structures; coordination the role of collaborating organizations; etc. (Emergency Medical Services Systems Development - Lessons learned from the United States of America for Developing Countries, Pan American Health Organization, Washington, 2003)

[close this window](#)

Completo McAfee SiteAdvisor

- Medical Subject Headings
- Capsula Ebumea
- Educational Credential E...
- BLSD/ACLS
- Milano
- Instructor/Course Evaluation...
- How to Write a PhD Thesis
- Associazioni
- Congressi
- Capacity building Project Sri ...
- Brussels
- La Repubblica.it
- E-learning
- Bioethical Codes, Oaths and...
- Tools
- Borse di studio
- Luis Vuitton ACTC 8 & 9
- Corso ISS
- Albania WHO

Cosa vedere a Dublino Aer Lingus - Seat Map EMSassessmentEU

EMSassessmentEU IRELAND

starting menu

- home
- instructions
- contact admin.
- EMS focal persons

CHAPTER 1 Legislation and Financing. Question 1.

Glossary:

- Law
- Emergency medical service system (EMS system)

Definition:

Is there a law in your country regulating the most important topics about the functioning and organization of the Emergency Medical Services System?

Question 1: Please indicate the most relevant law regulating the EMS system.

TITLE	REFERENCE NUMBER
<input type="text"/>	<input type="text"/>

Approximate date of issue

80s
 90s
 2000 - 2007

Is there an electronic version?

yes no

Comments (maximum 1000 characters)

application

- finish questionnaire
- log out
- close application

chapter menu

Legislation and Financing	Out-of-hospital emergency care	In-hospital emergency care	Education	The Role of EMS in Crisis Management
1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5 6

Legend: 1 Question not initiated yet 1 Question initiated but not finalized 1 Question finalized



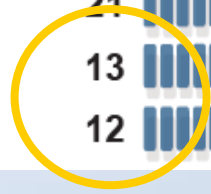
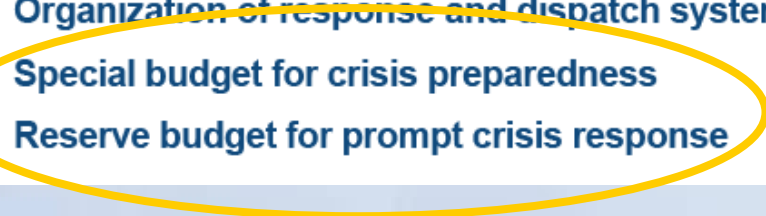
Project Objective 2: To map the EMS preparedness: institutional, educational, operational and human resources capacity

LEGISLATION AND FINANCING

laws on EMS -

TOPICS REGULATED BY LAW

Free access for all to in-hospital care, including uninsured & unidentified persons	27	
Minimum standards of care & equipment, minimum requirements of qualification	23	
Reference to crisis/disaster management and crisis/disaster preparedness	24	
Financing mechanisms	24	
Required training for staff operating in EMS	21	
Organization of response and dispatch system	21	
Special budget for crisis preparedness	13	
Reserve budget for prompt crisis response	12	





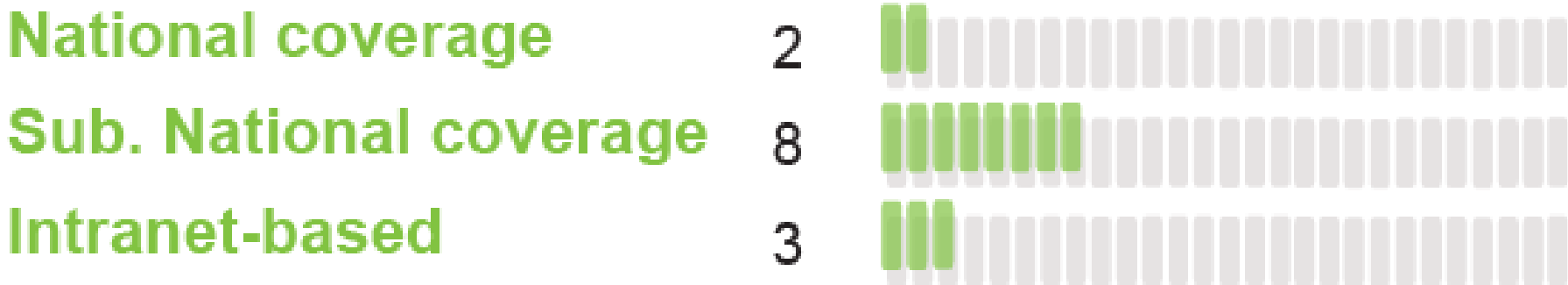
Project Objective 2: To map the EMS preparedness: institutional, educational, operational and human resources capacity

**OUT-HOSPITAL
MEDICAL
SERVICES**

*Communication & co-ordination
in Intensive Care*

DISPATCH CENTRES (DC)

Real-time update of intensive care beds

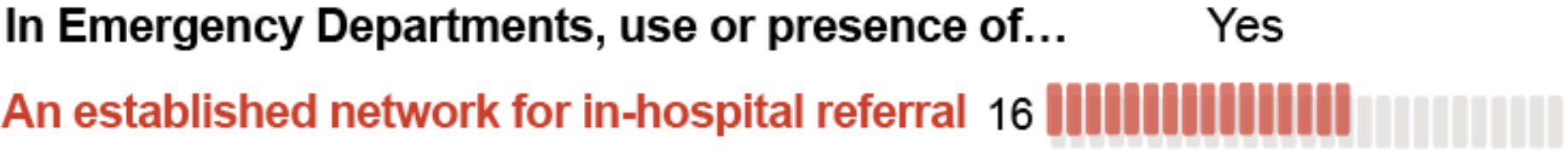




Project Objective 2: To map the EMS preparedness: institutional, educational, operational and human resources capacity

**IN-HOSPITAL
MEDICAL
SERVICES**

*Standardization of care
and management of
critical patients*





Project Objective 2: To map the EMS preparedness: institutional, educational, operational and human resources capacity

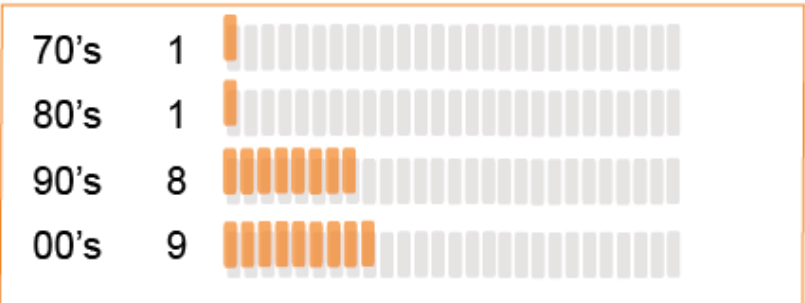
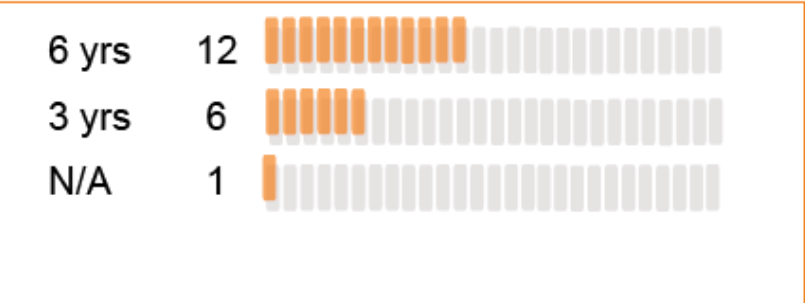
EDUCATION & TRAINING

Establishment & development of the Emergency Medicine Specialization in Europe

Emergency medicine specialization is recognized by law



Length of training

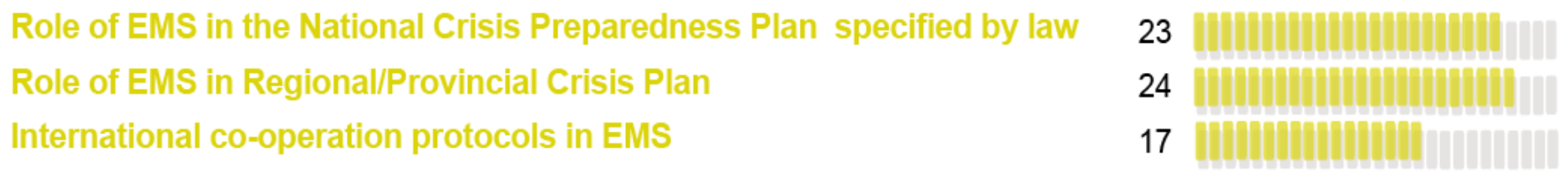




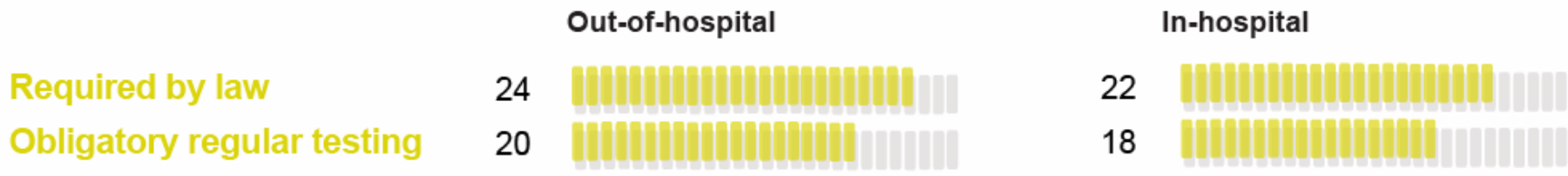
Project Objective 3: To collect data on existing crisis management mechanisms designed to manage health threats in emergency medical services.

CRISIS PREPAREDNESS of EMS SYSTEMS

Culture and awareness on crisis preparedness of services providers



CRISIS PREPAREDNESS PLAN IN EMS



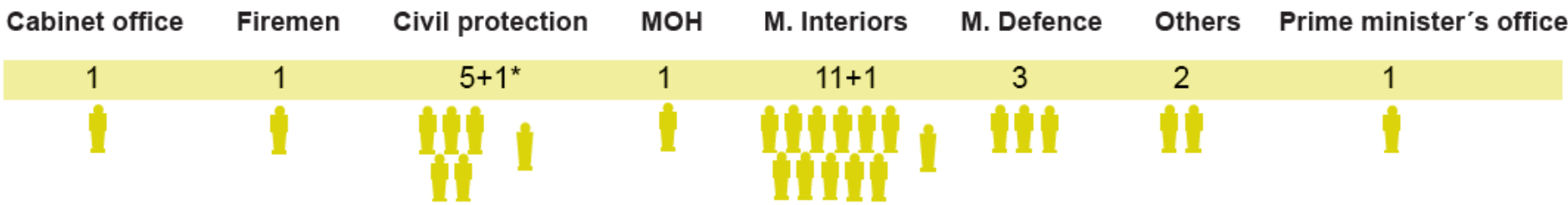


Project Objective 3: To collect data on existing crisis management mechanisms designed to manage health threats in emergency medical services.

CRISIS PREPAREDNESS of EMS SYSTEMS

Culture and awareness on crisis preparedness of services providers

LEADING INSTITUTION IN CASE OF NATIONAL CRISIS



* Including BUL: Ministri of State Policy for disasters and accidents. ** Including DEN: Police





MAJOR ACHIEVEMENTS

- Comprehensive (all EU-27 countries) collection of information
- EU Inter-Ministerial Panel on EMS (meeting twice a year)
- Agreement on 27 specific recommendations for developing and harmonizing EMS in EU



FUTURE DEVELOPMENT

“Analysis of the status of crisis preparedness of EMS providers in Europe”

Specific questionnaire (20 questions short) delivered to as many directors of EMS institutions as possible:

- ❖ Hospital Emergency Departments
- ❖ Ambulance Agencies
- ❖ Dispatch Centres



“Analysis of the status of crisis preparedness of EMS providers”

Results question 1 – PILOT PROJECT

Is there a written Crisis Preparedness Plan in your institution?

<i>All countries</i>	<i>Questionnaires</i>	<i>Yes</i>	<i>No</i>
Hospital	71	70	1
Dispatch Center	8	8	0
Ambulance Agency	51	40	11
Total	130	118	12

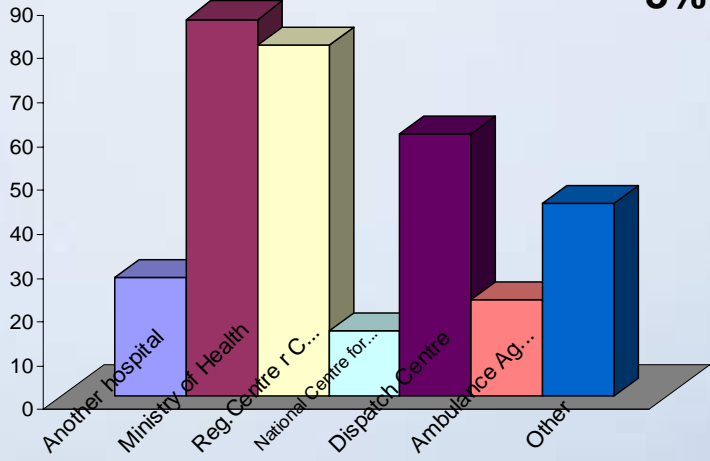
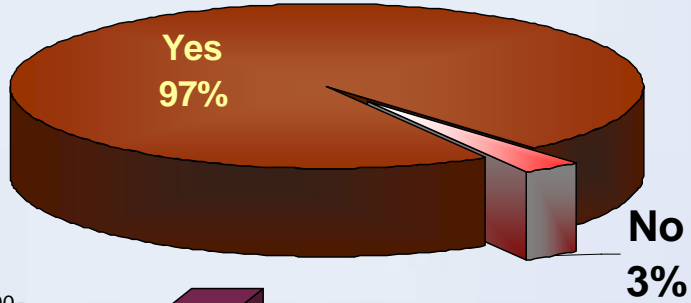


“Analysis of the status of crisis preparedness of EMS providers”

❖ Crisis preparedness plan



❖ Command & co-ordination structure



❖ Procedures for biological threats

❖ Institution to report to



*REPORT TO BE PUBLISHED
ON SUMMER 2008*

Available at.

www.euro.who.int/emergservices



EU Interministerial panel on EMS

TURIN 23-24 October '08



Thank you.



info at: eda@es.euro.who.int

Enrico Davoli - WHO-EURO Programme Manager

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