

EMS for the Future
Workgroup
Initial Draft Report and
Recommendations

For the Vision 2012
Workgroup

EMS Vision 2012 Task Group

- Joint work group
 - Oregon Medical Board
 - EMS Office
 - EMS providers and educators
- Review EMS Education Agenda for the Future and considering implementation issues
- Review significant background material and develop initial recommendations
- Solicit feedback on draft recommendations

We want your input!

Vision 2012 Task Group

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- Toni Grimes, OMB and Field Paramedic
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Vision 2012 task group

■ Goals

- Maintain high standards of initial education
- Continued desire for strong performance on National Certification exams
- Reciprocity/Portability
- Availability of providers/skills throughout the state
- EMS system improvement and coordination

Recommendations

- EMS provider levels
 - EMR (First Responder)
 - EMT (EMT-B)
 - AEMT (EMT-I)
 - Paramedic (EMT-P)
- EMS Medical Direction
- EMS Agencies

The Problems

- Institute Of Medicine reports on Emergency Care
- EMT DOT curriculum (NHTSA)
- Individual State Systems – not National
 - Lack of EMT Reciprocity/Portability

Definitions

■ Certification

- education, knowledge & competency
 - medical school, residency, paramedic school

■ Licensure

- Right to work – state authorization
 - Medical license “EMT certification”

■ Scope of Practice

- Oregon – maximum allowable practice
- National – expected minimum competencies

EMS Education Agenda for the Future

- Released in 2000 by NHTSA
- Calls for Five Components
 - National EMS Core Content – July 2005
 - National EMS Scope of Practice Model - September 2006
 - National EMS Education Standards - September 2008
 - National EMS Education Program Accreditation - CoAEMSP
 - National EMS Certification - NREMT

Institute of Medicine Recommendations

- ...state governments adopt a common scope of practice for EMS personnel, with state licensing reciprocity.
- ...states accept national certification as a prerequisite for state licensure and local credentialing of EMS providers.
- ...states require national accreditation of paramedic education programs.

Implementation Steps

- National EMS Education Standards replace DOT curricula
 - Oregon rules require using DOT curricula for initial training
- National Education Program Accreditation
 - December 31, 2012 – Only paramedic students that graduate from CoAEMSP accredited schools can sit for the Registry Examination
- Oregon Law Changes Required
 - Jan 2010 proposal
 - 2011 Legislative session

What if we don't play?

- If State Scope of Practice differs from the National EMS Scope of Practice Model
 - Oregon responsible for testing any content outside the National SOP Model and practice analysis
 - Textbooks will not match educational programs
 - Reciprocity becomes more complicated
 - Oregon responsible for defending to public/stakeholders why we are different

What if we don't play?

- If Oregon does not follow the National EMS Educational Standards-
 - We will have to develop our own texts
 - We would have to develop our own tests
 - Programs will not be eligible for accreditation
 - Personnel will not be eligible for national certification testing
 - Graduates of Oregon programs won't be able to get reciprocity from other States

Proposals and Recommendations

EMS Provider Levels

Oregon vs National Scope

- Oregon levels are very close to the National Scope
- Oregon EMT-I
 - Scope significantly exceeds AEMT
 - Similar # of training hours

EMS Provider Levels

Oregon	National
First Responder	Emergency Medical Responder (EMR)
Basic (EMT-B)	Emergency Medical Technician (EMT)
Intermediate (EMT-I)	Advanced Emergency Medical Technician (AEMT)
Paramedic (EMT-P)	Paramedic

Emergency Medical
Responder
EMR
(Oregon First Responder)

EMR Curriculum

- National EMS Educational Standards
 - Course length is based on competency
 - Estimated 48 - 60 hour course
 - Didactic and laboratory experiences
- Course Instructor
 - Certified as an EMR or higher level
 - Must be a certified CPR Instructor or have successfully completed an approved instructor training program or equivalent

EMR Curriculum

- No prerequisites
- Can be taught by:
 - EMS agency,
 - community college, university or vocational school,
 - hospital or
 - other approved institution or organization
- Each course requires a Medical Director

EMR Initial Competency

- Successful completion of an approved course
- Written Exam
 - State exam
 - or NREMT
- Practical
 - State practical using NREMT skill sheets at the end of course by the instructor

EMR Continued Competency

- 12 hours continued education every 2 years
- Current CPR card

EMR Scope of Practice

- Medical Direction
 - Required
- National EMS Scope of Practice
 - Plus Epi Pen
 - Plus non-invasive monitoring

EMR Reciprocity

- NREMT certification and Epi Pen training

Emergency Medical
Technician
EMT
(Oregon EMT Basic)

EMT Education

■ Prerequisites

- Age 18
- High school diploma or equivalent

■ Accreditation

- Oregon Dept of Education

EMT Curriculum

- National EMS Educational Standards
 - Course length is based on competency
 - Estimated 150 - 190 hour course
 - Didactic, laboratory, clinical and field experiences
- Course instructor
 - must be an EMT or have higher level of licensure

EMT Curriculum

- Course Instructor must meet credentials as listed in the current OARs
- Medical Director required
- Taught by
 - accredited community college, university or vocational school, or
 - hospital with approved variance from the State

EMT Initial Competency

- Successful completion of an approved course
- Written Exam
 - National Registry
- Practical
 - National Registry
 - Who does the practical? 3 suggestions:
 - Current Certifying Officer model
 - State
 - Training institution as part of course completion

EMT Continued Competency

- 24 hours continued education every 2 years, or
- Current National Registry EMT

AND

- Current CPR card

EMT Scope of Practice

- Medical Direction
 - Required
- National EMS Scope of Practice
 - Plus supraglottic airways
 - Plus epinephrine (single and multi-dose)
 - Plus glucometry
 - Plus monitoring of saline/heparin locks

EMT Reciprocity

- National Registry EMT certification

Advanced EMT AEMT

Oregon EMT-Intermediate

AEMT

- National EMS Educational Standards
 - Competency based
 - ~ 150-250 clock hours
- Oregon EMT-I
 - 164 clock hours
 - No proof that new interventions are being used
 - 24% fewer EMT – Is in Oregon since switch
 - Only four counties gained EMT-Is

Comparing the Levels

AEMT

■ Procedures

- IVs and fluids
- IO
- No rhythm interpretation
- Automated Defib

■ Meds

- Nitro
- Bronchodilators
- D50/Glucagon
- Narcan
- Nitrous oxide

Oregon EMT-I

■ Procedures

- IVs and fluids
- IO
- Rhythm Interpretation
- Manual Defibrillation

■ Meds

- Same as AEMT +
- Cardiac arrest meds
- Benadryl
- Furosemide
- Pain meds
- Any drips on an interfacility

AEMT/EMT-I Options

- Replace Oregon EMT- I with AEMT
 - Perhaps with some “add-on” or two but minimize (e.g. pain meds)
- Do not adopt AEMT and keep Oregon EMT- I the same
 - no reciprocity
 - Is current training sufficient?
- Adopt AEMT and keep Oregon EMT-I as next level “up” from AEMT

Paramedic

(Oregon EMT-Paramedic)

Paramedic Education

■ Prerequisites

- Age 18
- High school diploma or equivalent
- Oregon or NREMT EMT licensure

■ Accreditation

- National Accreditation (CoAEMSP)

Paramedic Curriculum

- National EMS Educational Standards
 - 1000 - 1300 hour course
 - Didactic, laboratory, clinical and field
- Medical Director required

Paramedic Curriculum

- Course Director must meet credentials as listed in the current OARs
- Course Instructor must meet credentials as listed in the current OARs
- Taught by accredited community college, university or vocational school that offers an Associates Degree

Paramedic Initial Competency

- Written Exam
 - National Registry

- Practical
 - National Registry

Paramedic Continued Competency

- 48 hours continued education and skills verification every 2 years or
- National Registry Paramedic

AND

- Current CPR card

Paramedic Reciprocity

- NREMT certification
- Associates degree or equivalent experience

Paramedic Scope of Practice

- Medical Direction
 - Required
- National EMS Scope of Practice

EMS Medical Direction

EMS Medical Direction Required

Current Oregon

EMT -B, -I, -P

Some First Responders

Ambulance agencies

Future Oregon

All EMTs

All First Responders

All EMS agencies

Ambulance (transporting)

Non-transporting

EMS Education Programs

Community Colleges

EMS Medical Director Initial Education

Current Oregon

Possess thorough
knowledge:

of skills of EMTs and
First Responders

of laws and rules of the
State of Oregon
pertaining to EMTs
and First Responders.

Future Oregon

EMS Fellowship

NAEMSP 1 or 3 day

EMS Medical Director
Course

Waived if EMS Medical
Director > 36 months

EMS Medical Director Ongoing Education

Current Oregon

None required

Future Oregon

- 1 Supervising Physician Forum every 2 years or
- 4 hours EMS Medical Direction CME/year

Additional Issues for Future Discussion

- Online Medical Control (OLMC)
education/certification
- EMS Medical Director funding

What is an EMS agency?

Current status

- What is an EMS agency?
 - Transporting ambulance agency
 - only valid in out-of-hospital environment
- Who else utilizes EMTs?
 - Non-transporting EMS agencies
 - Training agencies
 - Hospitals
 - Non-traditional settings
 - Ski patrol, non-emergency transport, race track, concerts

Proposal

- EMS agency defined as:
 - Respond to 9-1-1 calls for medical emergencies or
 - Employ certified/licensed EMS personnel or
 - Employ certified EMD personnel or
 - Provide initial education and training for EMS personnel.

An EMS agency is an organization that provides emergency medical care using certified EMS personnel.

Recommendations

- Oregon adopts and implements the EMS Education Agenda for the Future
- This includes
 - Adoption of the National Scope of Practice.
 - Adoption of the National EMS Education Standards for initial training
- Continue to use the NREMT as the standard for initial competency verification
 - EMT, Paramedic
 - Allow for EMR
 - Possibly for AEMT

AEMT/EMT-I Options

- Consider adopting Advanced EMT
 - Replace EMT-I with this?
 - Maintain Oregon EMT-I?
 - AEMT as a prereq for EMT-I?

Summary of Recommendations

- New requirements for EMS Medical Director training
- Expand the system to recognize all agencies and environments that utilize EMS personnel

Oregon EMS for the Future Stakeholder Meetings

- September 18 at 9 AM in Portland State Office Building.
- September 23 at 11 AM at Pacific West Ambulance in Newport.
- September 24 9 AM at Rogue Community College, White City.
- September 29 at 1 PM at the La Grande Fire Department.
- October 6 at 9 AM in the Redmond Fire Main Station
- October 3 at the Oregon EMS Conference in Jansen Beach.

Thank you for your
attention!

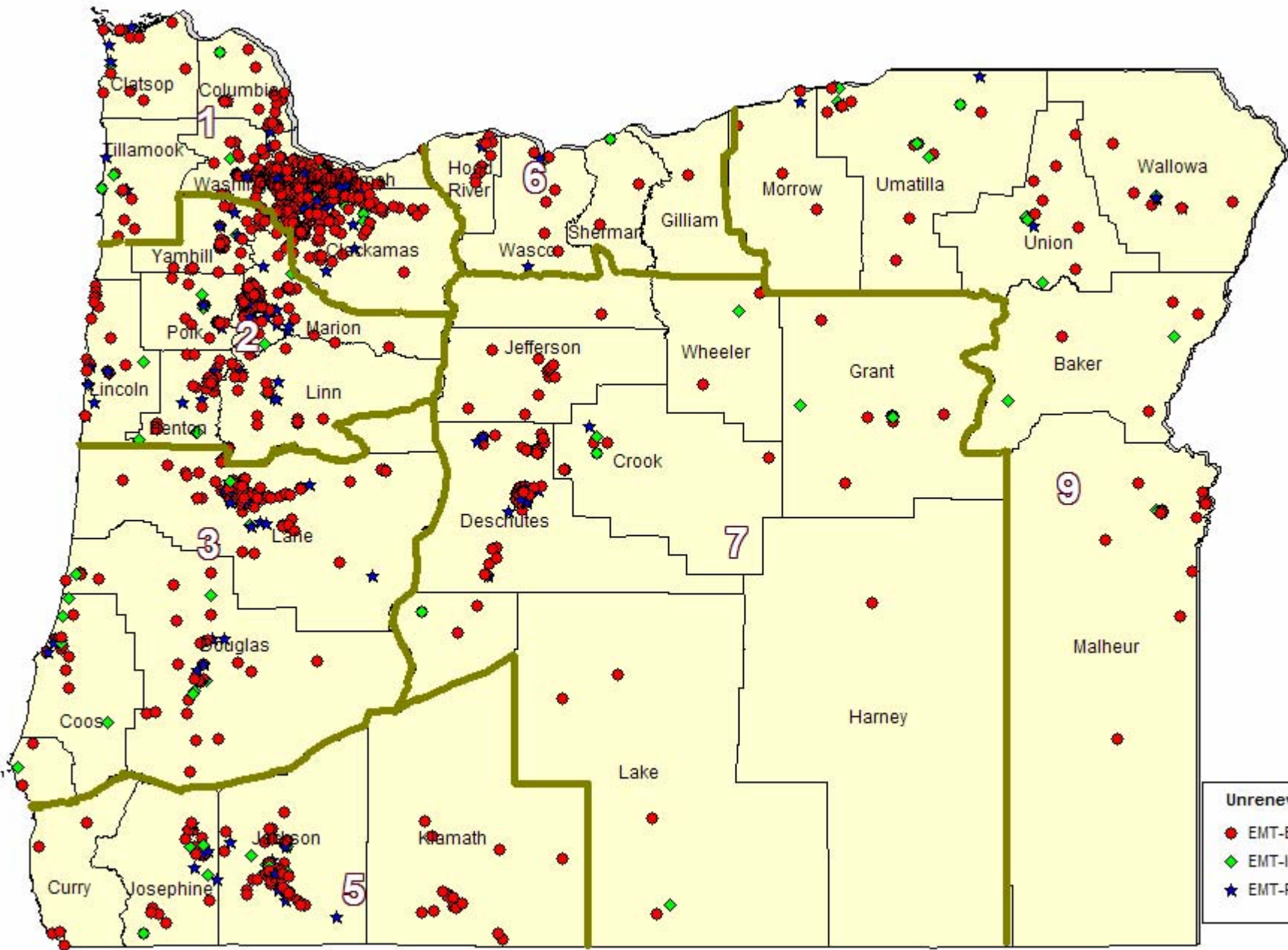
Questions?

Discussion?

Please give us feedback!

Recertification Status: 07/07/2009

	EMT-B	EMT-I	EMT-P	Total
Total certified	4215	1018	2835	8086
EMTs				
Recerts	3612	946	2705	7263
New EMTs	474	43	92	609
In Process	129	29	38	196
Not Renew	1223	75	197	1495



- Unexpired EMTs**
- EMT-Basic (1207)
 - ◆ EMT-Intermediate (110)
 - ★ EMT-Paramedic (193)

