



## American Osteopathic College of Occupational and Preventive Medicine

### Preventive Medicine Needs Assessment Kit

From the AOA CME Standards:

#### **2.2.3 Educational Standards and Practices**

**2.2.3.1 Needs Assessment** - *An accredited sponsor shall systematically identify the CME needs of prospective participants and use that information in planning CME activities. The following criteria relating to the needs assessment is required on submissions to the CME Division upon request for AOA Category 1-A or Category 1-B credit for pre approval:*

- 1. The needs assessment must be conducted on an annual basis for each program.*
- 2. A needs assessment must be included for each presentation.*
- 3. The needs assessment must be timely – current for the field.*
- 4. The needs assessment must be documented – at least one source must be evidence based.*
- 5. Exceptions to the requirement for needs assessments will be posted and CME Sponsors will be notified.*

**2.2.3.2 Objectives** - *An accredited sponsor shall, for each CME event, develop objectives based on identified educational needs.*

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# Memo



AMERICAN OSTEOPATHIC ASSOCIATION

**Date:** March 5, 2010

**To:** Divisional Affiliate Executive Directors

**CC:** Linda Mascheri, Director, AOA Department of State, Affiliate, Socioeconomic, and International Affairs  
Diane Burkhart, PhD, Director, AOA Department of Education

**From:** Diana Ewert, MPA, CAE  
Director, Division of Affiliate Affairs

**RE:** AOA CME Needs Assessment – Source Data

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The Division of Affiliate Affairs is receiving multiple requests for additional help when it comes to submitting the required needs assessment to the Education Department why applying for CME consideration. The most often asked question concerns source data, i.e., Where can we find source data?

It is not appropriate for the division to comment or critique needs assessment documentation. However, we can provide you links to third-party sites to further research and address the areas of education you provide through your respective organizations. You may be able to obtain data relative to building your needs assessment, thus your educational programs through these resources.

Note that this is neither a complete nor exhaustive list – we are providing a few of the more well known sources to get you started. We would like to see this become a living, breathing document that you augment by adding your own resources and links to information relative to educational topics that other affiliates can draw upon when conducting their own needs assessment.

Please let me know if this is helpful to you. I look forward to your comments and feedback.

## US Government Resources

<http://www.health.gov> is a portal to the Web sites of a number of multi-agency health initiatives and activities of the [U.S. Department of Health and Human Services \(HHS\)](#) and other Federal departments and agencies. This site is coordinated by the [Office of Disease Prevention and Health Promotion](#), Office of Public Health and Science, Office of the Secretary, U.S. Department of Health and Human Services.

United States Center for Disease Control <http://www.cdc.gov>  
National Institutes for Health <http://nih.gov>  
United States Preventative Services Task Force (USPSTF) <http://www.ahrq.gov/clinic/uspstfix.htm>  
Agency for Healthcare Research and Quality (AHRQ) <http://www.ahrq.gov/>

### **Health Related Foundations/Organizations**

The Henry J. Kaiser Family Foundation – Health Policy <http://kff.org/>  
The United Health Foundation – America’s Health Rankings (by state) <http://www.americashealthrankings.org/>  
The National Women’s Health Foundation <http://www.nationalwomenshealth.org/>  
National Public Health Information Coalition <http://www.nphic.org/>  
American Public Health Association <http://www.apha.org/>

### **Disease Specific Organizations**

American Cancer Society <http://www.cancer.org>  
American Diabetes Association <http://www.diabetes.org/>  
American Heart Association <http://www.americanheart.org/presenter.jhtml?identifier=1200000>  
American Lung Association <http://www.lungusa.org/>

### **State Specific Organizations**

Association of State and Territorial Health Officials <http://www.astho.org/>  
CDC Public Health Resources – State Departments of Health <http://www.cdc.gov/mmwr/international/relres.html>  
National Association of County and City Health Officials <http://www.naccho.org/>

Most states have specific health statistical data available that may aid in determining need. For example:

State of Illinois Health Statistics <http://www.idph.state.il.us/health/statshome.htm>

### **Journals Relative to the Specialties of Osteopathic Medicine**

Journal of the American Osteopathic Association <http://www.jaoa.org/>  
Journal of Osteopathic Medicine and Primary Care <http://www.om-pc.com/>  
Osteopathic Family Physician <http://www.acofp.org/resources/publications.aspx>  
Journal of the American College of Osteopathic Dermatology <http://www.aocd.org/jaocd/index.html>

### **Medical Journals**

Journal of the American Medical Association <http://jama.ama-assn.org/>  
American Family Physician <http://www.aocd.org/jaocd/index.html>  
Family Practice Management <http://www.aafp.org/online/en/home/publications/journals/fpm.html>  
The New England Journal of Medicine <http://content.nejm.org/>

### **Web Search Engines**

Journal Watch - Journal Watch reviews over 180 scientific and medical journals to present important clinical research findings and insightful commentary. <http://www.jwatch.org/>

MedScape/MedScapeCME/WebMD – no fee but requires registration <http://www.medscape.com/>

## AOBPM (Preventive Medicine) Exam Tables of Specificity

### Core – Distribution of Items Across Domains

Domain	Distribution
Epidemiology	7%
Statistics	9%
Acute Disease Prevention	11%
Chronic Disease Prevention	4%
Maternal Health	7%
Health Care of Young	3%
Injuries	8%
Mental Health	7%
Mental Retardation	4%
Substance Abuse	3%
Occupational Medicine	7%
Environmental Medicine	2%
Legal Aspects of Medicine	8%
Medical Ethics	3%
Health Care Professionals	6%
Health Care Services	6%
Health Care Finance	5%
Total	100%

### Core Oral – Distribution of Items Across Domains

Domain	Distribution
Administration	33%
Clinical Topics	33%
Environment	33%
Total	100%

Please note, this table does not total to 100%

### Occupational/Environmental Medicine – Distribution of Items Across Domains

Domain	Distribution
Treatment	20%
Rules and Regulations	15%
Epi/Biostat	5%
Health Management/Impairment	3%
Toxicology	20%
Hearing	5%
Dermatology	5%
Respiratory/Industrial Hygiene	20%
Reproductive	2%
Decompressions	1%
Vibrations	1%
Radiation	3%
Total	100%

Please note, this table does not total to 100%

### Aerospace Medicine – Distribution of Items Across Domains

Domain	Distribution
History	3%
Biomechanics	15%
Civil Regulation	20%
Clinical Aerospace Medicine	45%
Environment of Flight	7%
Specialized Areas	10%
Total	100%

### Public Health/Community Medicine Re-Certification – Distribution of Items Across Domains

Domain	Distribution
Epidemiology and Statistics	16%
Acute Disease Prevention	15%
Chronic Disease Prevention	10%
Maternal and Child Health	4%
Injuries	10%
Mental Health and Retardation	5%
Substance Abuse	2%
Occupational and Environmental Medicine	6%
Legal Aspects of Medicine	4%
Medical Ethics	2%
Health Care Professionals	6%
Health Care Services and Finance	11%
Public Health Administration	4%
Infectious Disease	5%
Total	100%

**2007-2010: Public Health Recertification**  
**(Includes Spring 2009, Spring 2010, Fall 2010)**

**Overall: 4 candidates (2 passed, 2 failed)**

**Multiple Choice Exam: 4 candidates (3 passed, 1 failed)**

**Oral Exam: 0 candidates**

**Essay Exam: 4 candidates (3 passed, 1 failed)**

<i>Table of Specifications</i>	<i>Group Minimum</i>	<i>Group Average</i>	<i>Group Maximum</i>
Biostatistics	66.7	97.2	100
Clinical Preventive Medicine	62.5	78.0	88
Epidemiology	80	83.3	100
Evidence Based Medicine	0	91.7	100
General Preventive Medicine	33.3	66.9	100
Occupational Medicine	0	83.3	100
Public Health	55.6	91.5	100
Public Health Law	66.7	69.7	100
Study Design	42.9	70.2	86

**2007-2010: Core**

**(Includes Spring 2008, Spring 2009, Spring 2010)**

**Overall: 10 candidates (5 passed, 5 failed)**

<i>Table of Specifications</i>	<i>Group Minimum</i>	<i>Group Average</i>	<i>Group Maximum</i>
Acute Disease Prevention	45	77.7	100
Chronic Disease Prevention	38	63.7	100
Environmental Medicine	50	73.3	100
Epidemiology	62	71.7	100
Health Care Professionals	43	69.0	100
Health Care Services	50	67.3	100
Occupational Medicine	57	90.7	100
Statistics	52	79.7	100
Substance Abuse	33	71.7	93

**\*Results include 2 retakes of Core**



## Needs-Based Topic Proposal Worksheet

Suggested by: \_\_\_\_\_ E-mail address \_\_\_\_\_

Division: ( ) AM ( ) PH/PM ( ) OM

*Please note that AM includes UHM; PH includes Correctional Medicine; and OM includes Disability Impairment Medicine.*

Suggested Title of Learning Module: \_\_\_\_\_

Suggested Speaker(s) /Facilitator(s) : \_\_\_\_\_

Which domain(s) from our AOBPM Table of Specificity will this topic cover? \_\_\_\_\_

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In order to demonstrate a knowledge gap amongst our participants, please indicate the pass/fail rates from the most recently available AOBPM exam statistics on the domains covered.

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Please cite statistics from the public domain which shows that this topic has broad enough impact on the public to demonstrate that this education will meet a health need, ie prevalence rates of disease, stats on accidents/exposures, etc.

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Please include sources of information on this topic, including at least one evidence-based source:

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## Needs-Based Topic Proposal Worksheet

Please suggest learning objectives for this module:

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How can this education best be delivered?

- Lecture; suggested length of lecture\_\_\_\_\_
- On-Site Occupational Medicine Learning Lab
- Round-table discussion
- Hands-on practicum
- Other \_\_\_\_\_