

Wisconsin Special Committee on Health Care Access

**Wisconsin College of Osteopathic Medicine
Potential Impact Analysis**

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Member, Board of Directors

Wisconsin College of Osteopathic Medicine

2009 National Distribution of Osteopathic Physicians (DO)

27,023 (49%) of the Total Osteopathic Physicians are in Rural Areas
(Total Number = 55,463)



• DO's in Rural Areas (n = 27023)

• DO's in Metropolitan Area (n = 28,440)

■ Rural Counties

NCAHD
National Center for the
Analysis of Healthcare Data

Maps Created by the
National Center for the
Analysis of Healthcare Data
August 13, 2010
<http://www.ncahd.org>

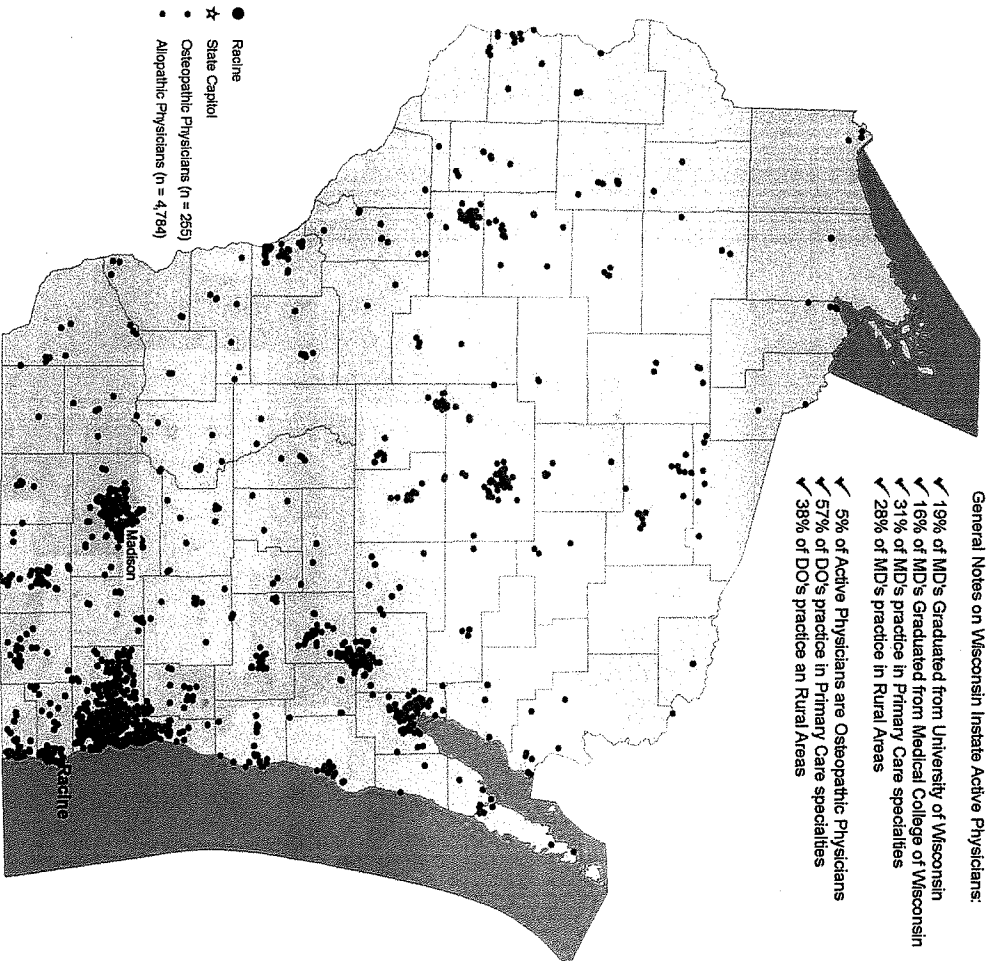
Data Source: 2009 State licensing authorities.
Office of Management and Budget (OMB)
county-based rural definition.
NCAHD is not responsible for the accuracy
of the data displayed on this map.

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2009 Wisconsin Physician Distribution (MD, DO)

General Notes on Wisconsin Instate Active Physicians:

- ✓ 19% of MDs Graduated from University of Wisconsin
- ✓ 16% of MDs Graduated from Medical College of Wisconsin
- ✓ 31% of MDs practice in Primary Care specialties
- ✓ 28% of MDs practice in Rural Areas
- ✓ 5% of Active Physicians are Osteopathic Physicians
- ✓ 57% of DOs practice in Primary Care specialties
- ✓ 38% of DOs practice in Rural Areas



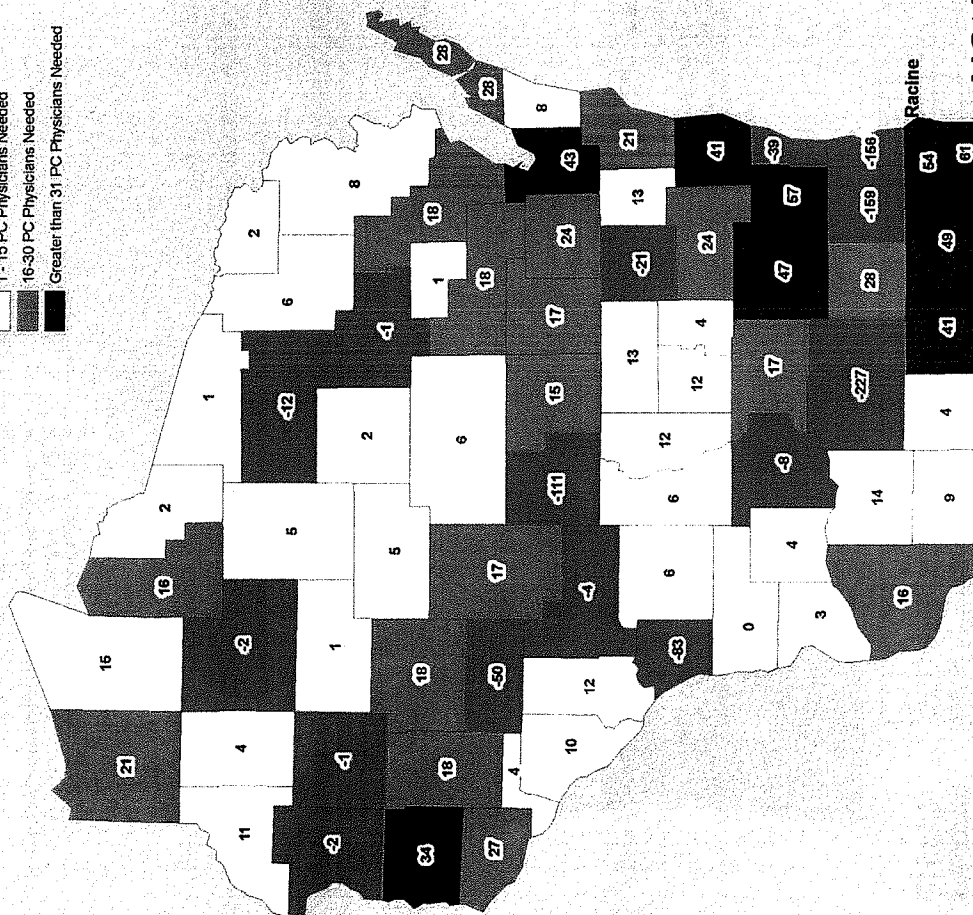
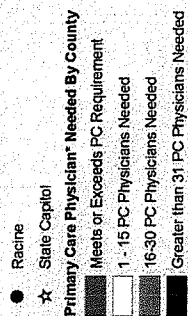
- Racine
- ☆ State Capitol
- Osteopathic Physicians (n = 255)
- Allopathic Physicians (n = 4,784)

	Total Licensees (Out and In- State)	In-State Active	Primary Care Total	% of Total	Rural Total	% of Total	Underserved Total	% of Total
DO	410	255	145	57%	97	38%	62	24%
MD	7,229	4,784	1,504	31%	1,324	28%	439	9%
Totals	7,639	5,039	1,649		1,421		501	

Data Source: State Licensure Boards (2009)

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October 5, 2010

Based upon the 2007 Census, the current number of Primary Care Physicians within the county was subtracted from the HRSA Requirement of 95/100,000 population to determine PC Need by county.



NCAHD
National Center for the
Handicapped

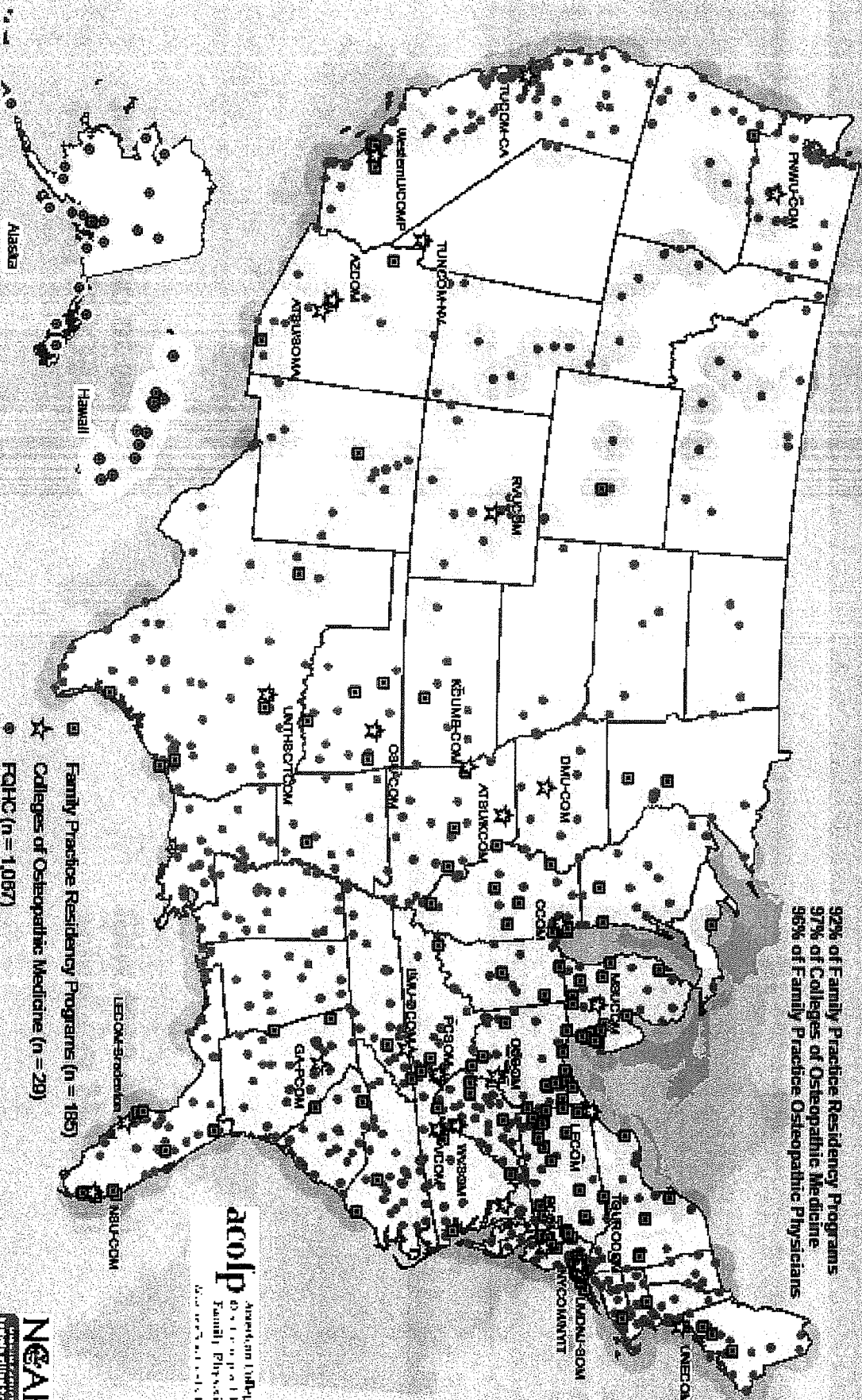
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October 5, 2010

Data Source: State Licensure Boards (2009)

Osteopathic Family Practice Residency Programs

Within 45 Miles of a FQHC (hubs) are:

92% of Family Practice Residency Programs
97% of Colleges of Osteopathic Medicine
96% of Family Practice Osteopathic Physicians



Data Source: American College of Osteopathic Family Physicians (June, 2009); National Association of Community Health Centers (June, 2009)

- Family Practice Residency Programs (n = 185)
- ★ Colleges of Osteopathic Medicine (n = 29)
- FQHC (n = 1,067)

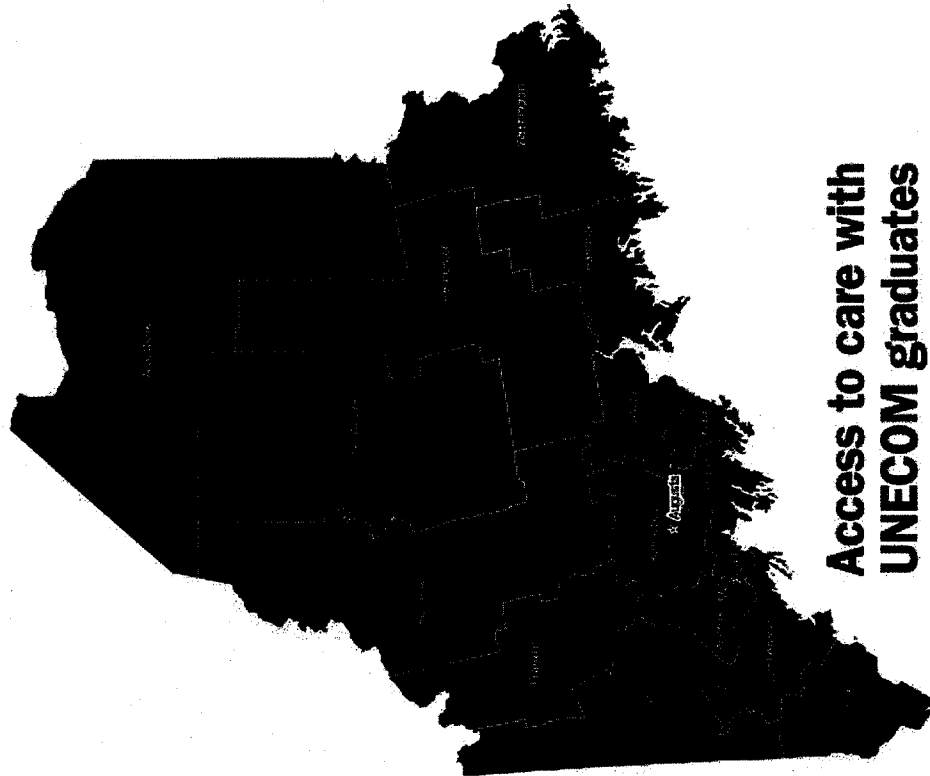
45 Mile Buffer of FQHC's

acolfp
American College of
Osteopathic
Family Physicians
www.acolfp.org

NEAHD
National Endowment for
Arts and Human Development

Maps Created by
National Center for the
Analysis of Healthcare Data
June 11, 2009

UNE College of Osteopathic Medicine Impact on Maine's Access to Primary Care Physicians



**Access to care with
UNECOM graduates**



**Access to care without
UNECOM graduates**

Counties below the state mean
for primary care physicians

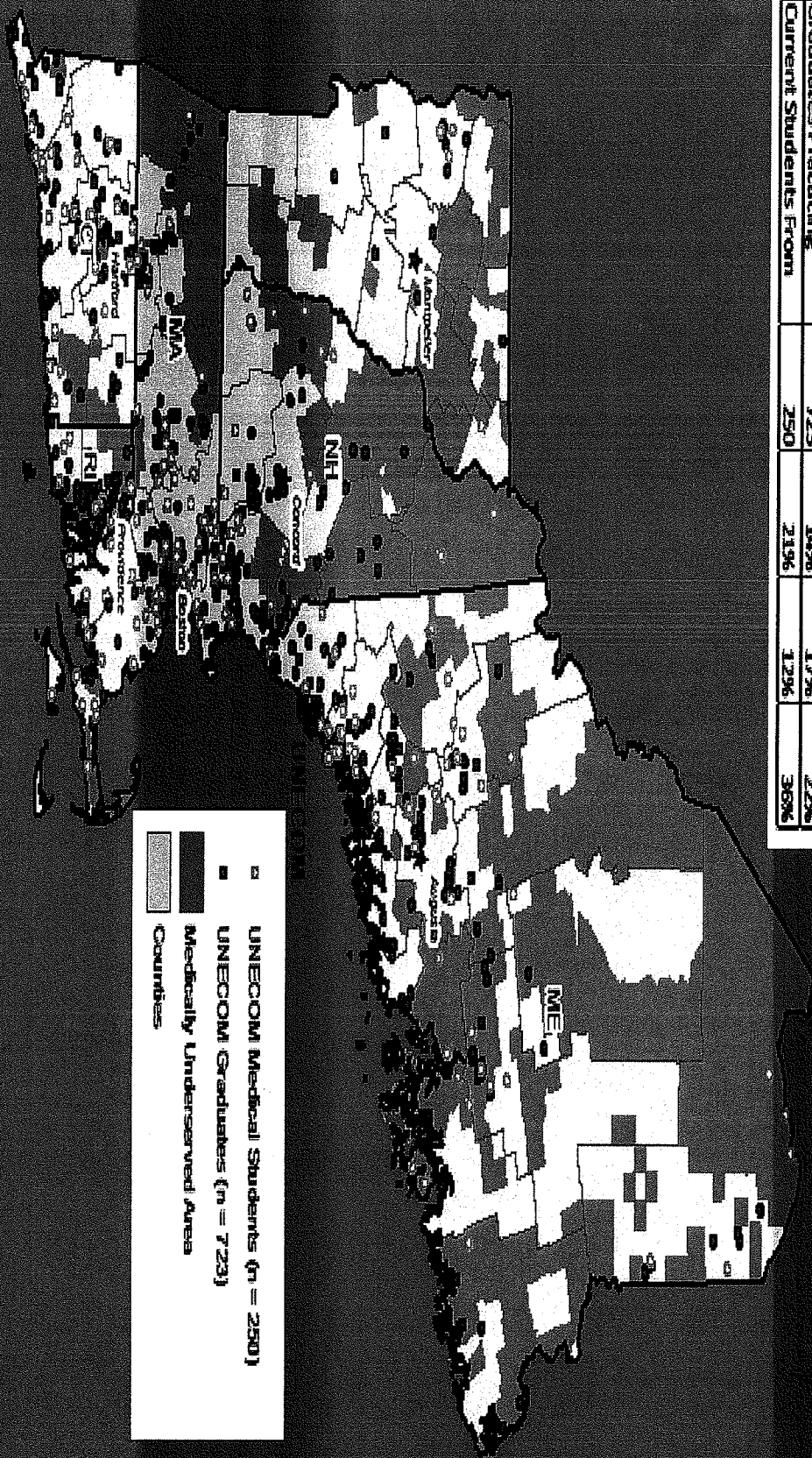
Counties at or above the state mean
for primary care physicians

Per 100,000 population

University of New England College of Osteopathic Medicine (UNECOM)

Distribution of Graduates and Medical Students Relative to Medically Underserved Areas

Where in the Region are:	Total	%Rural	%MUA	%HPSA
Graduates Practicing	723	14%	17%	22%
Current Students From	250	21%	12%	36%



Regional Distribution and Analysis of 2001-2009 PCSOM Graduates (551 Total Graduates)

- ✓ 107 (19%) are within 45 miles
- ✓ 168 (30%) are within 60 miles
- ✓ 195 (35%) are within 90 miles



PCSOM

County Boundaries

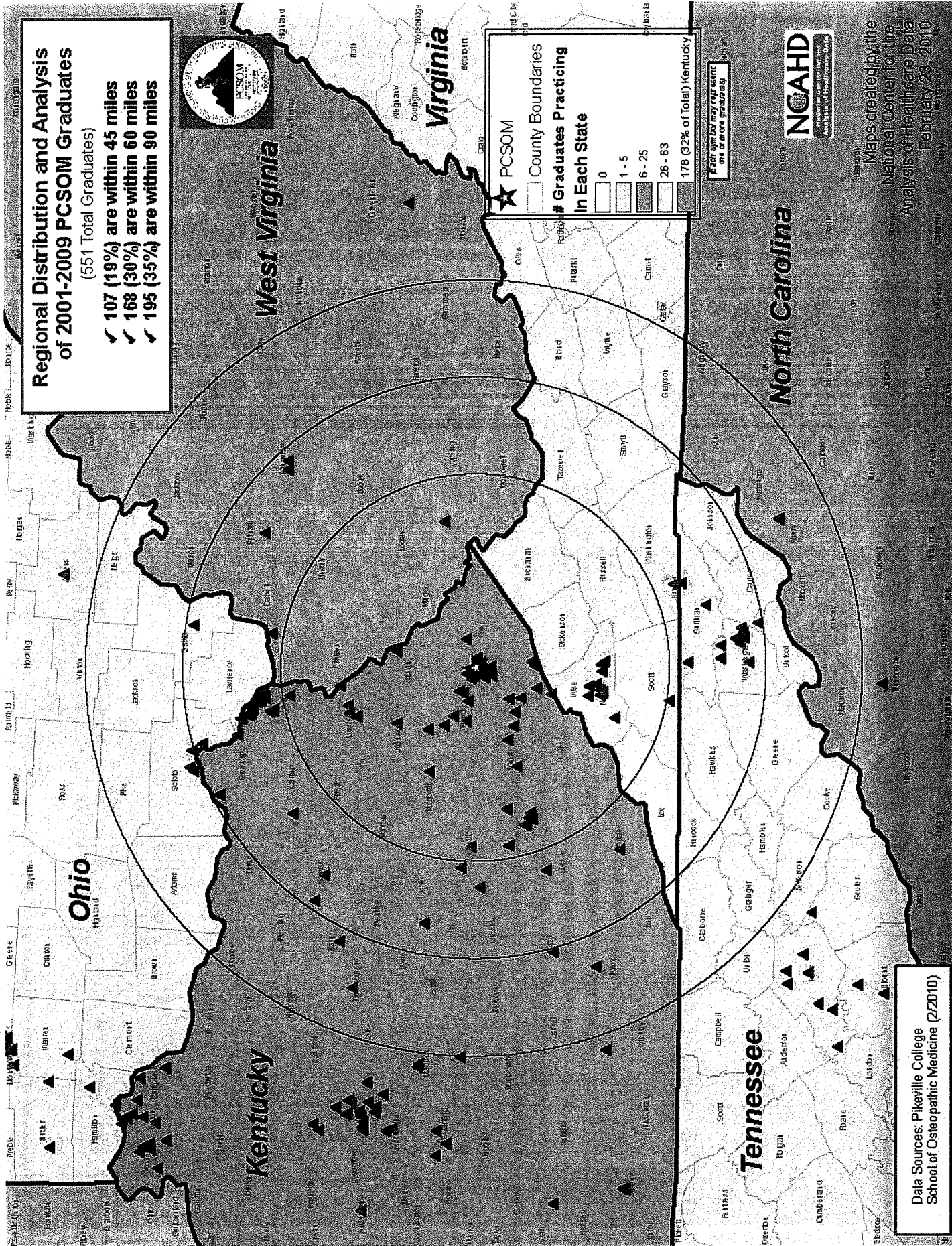
Graduates Practicing In Each State

0
1 - 5
6 - 25
26 - 63
178 (32% of Total) Kentucky

Each symbol may represent one or more practicing

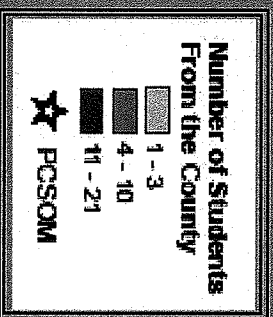
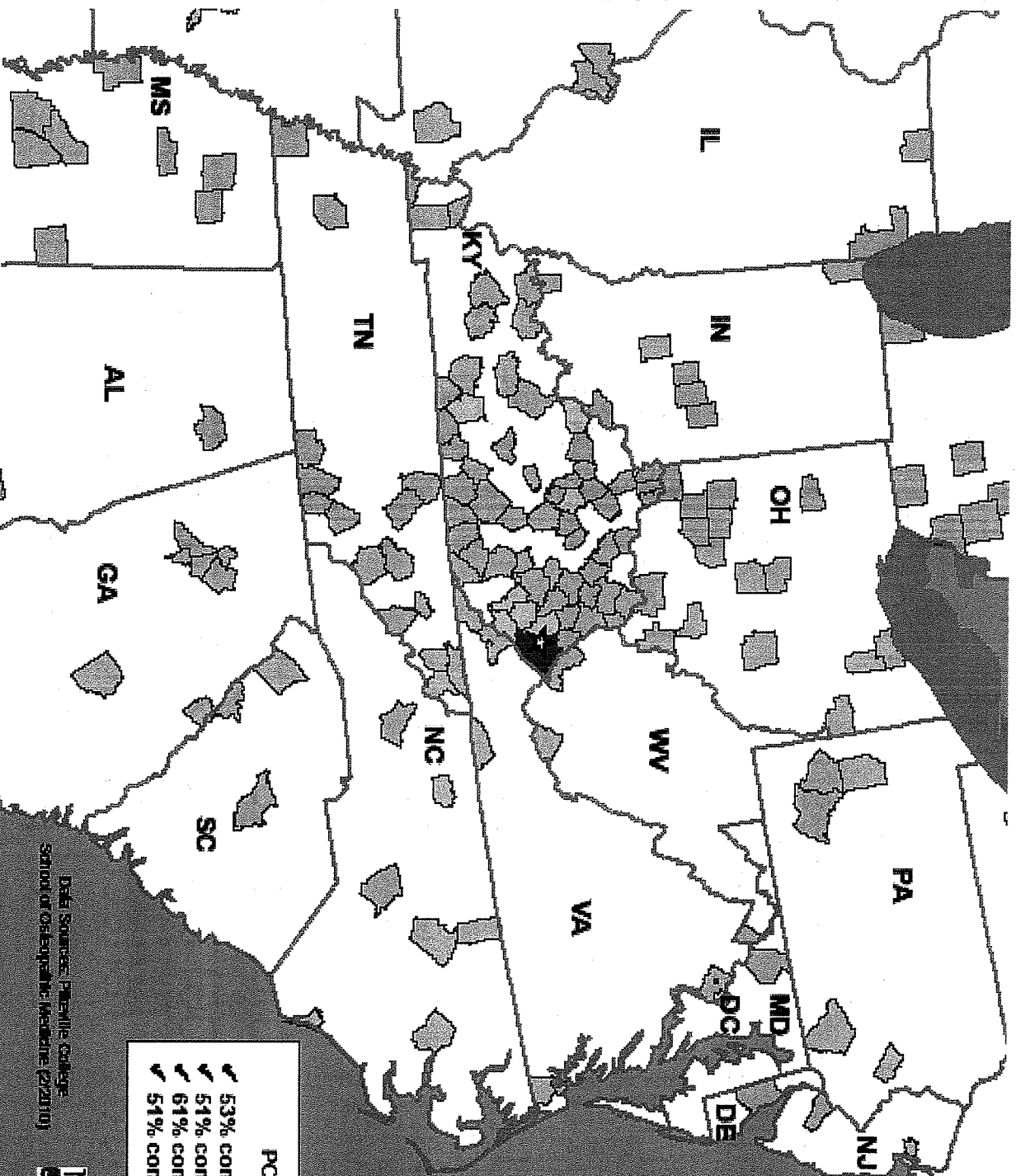


Maps created by the
National Center for the
Analysis of Healthcare Data
February 23, 2010



Data Sources: Pikeville College
School of Osteopathic Medicine (2/2010)

National Distribution of Current Pikeville College School of Osteopathic Medicine Students by Home Origin (303)



PCSOM Current Students

- 53% come from Kentucky
- 51% come from the Appalachia Region
- 61% come from an Underserved Area
- 51% come from a Rural Area

Data Source: Pikeville College School of Osteopathic Medicine (2/2010)



Map created by the National Center for the Analysis of Healthcare Data
March 8, 2010

HRSA's Physician Requirements Model (PRM)

- PRM is a utilization-based approach created by HRSA in 2006 to help estimate physician requirements (using the 2000 Census and AMA masterfile)
- Physician ratios for 18 medical specialties are projected using current use patterns and expected trends in population, insurance coverage (prior to 2010 healthcare reform) and patterns of care delivery
- NCAHD used these ratios with updated census estimates (2006) and our 2008-2009 licensure data to better reflect current needs/surpluses due to mal-distribution of physician workforce

Estimated Physician Requirements to Population Ratios by Specialty

Specialties					
Age Group	Primary Care	Med. Specialties	Surgery	Other Care	Total
0-17 years	95	10	16	29	149
18-24 years	43	15	54	48	159
25-44 years	59	23	52	62	196
45-64 years	89	41	59	81	270
65-74 years	175	97	125	145	543
75+ years	270	130	161	220	781
Total	95	33	55	70	253

Primary Care includes general and family practice, general internal medicine, and pediatrics. Medical specialties includes cardiology and other internal medicine subspecialties. Surgery includes general surgery, obstetrics/gynecology, ophthalmology, orthopedic surgery, otolaryngology, urology and other surgical specialties. Other Care includes anesthesiology, emergency medicine, pathology, psychiatry, radiology, and other specialties.

National Center for the Analysis of Healthcare Data (NCAHD)

- 2008 and 2009 Licensure board data for all physicians and 15 non-physician providers
- Data research, analysis and mapping support for COM's and other state and national healthcare organizations
- Physician contact information and other attributes commonly available

Questions

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