

Minnesota AHEC

Area Health Education Center

Minnesota Area Health Education Center: A New Generation of Partnerships

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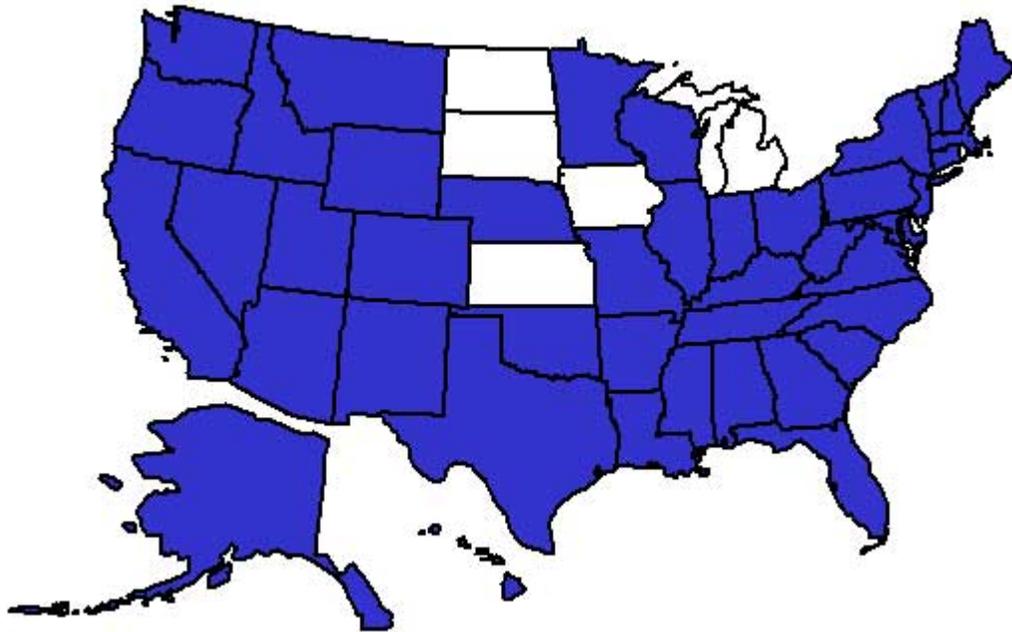
Agenda

- Minnesota AHEC: a brief description
- Minnesota health workforce trends/shortages
- A shared resource philosophy
- Partnerships to sustain the future health professions workforce
- Outcomes/new developments

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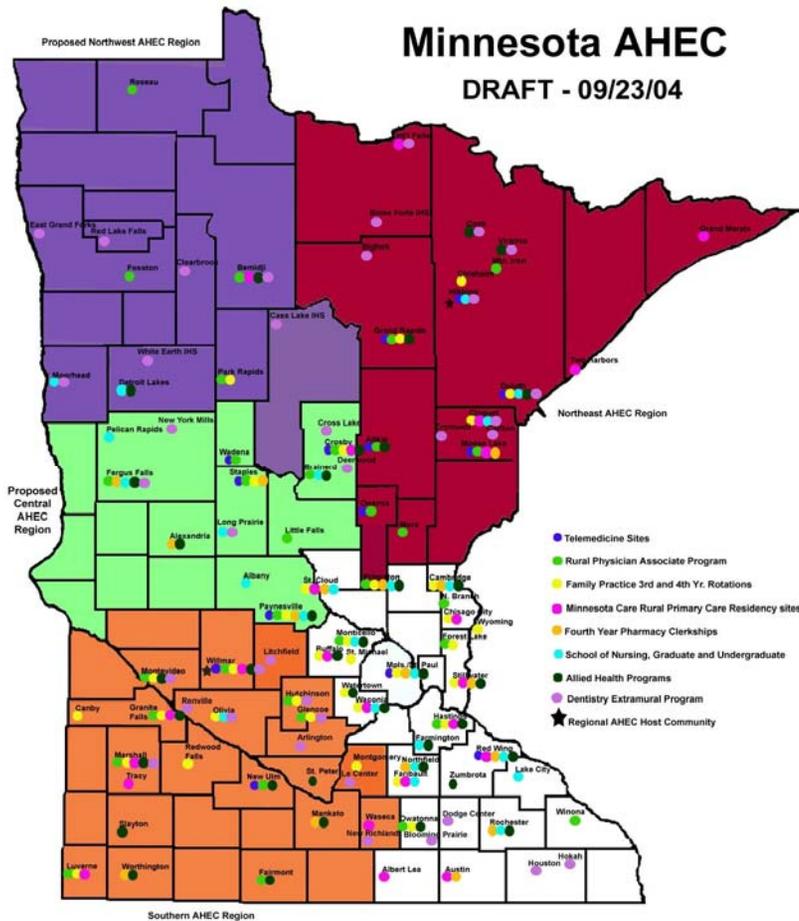


National AHEC Network

- 46 states
- Community-campus partnerships
- Support a pipeline approach
- Focus on primary care
- Regional networks are responsive to the communities they serve

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Minnesota AHEC Network

- Established in 2002
- Two regional networks (NE and Southern) serving 36 counties
- Developed with shared resource philosophy
- 1:1 match on federal support with community, state and University resources
- Community-based boards of directors
- Future plans to expand to Central and NW Minnesota

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A Pipeline Approach

- Encouraging interest among youth in health careers
- Supporting students with an interest in rural health
- Supporting health professionals at the community level through life-long learning
- Responding to community-identified needs

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Health Professions Leaders Workforce Trends

- Current and impending workforce shortages across the state
- Most acute in Greater Minnesota
- A large portion of Minnesota: federally designated medical and dental underserved areas
- Growing health disparities and access challenges
- Recruiting and retaining faculty

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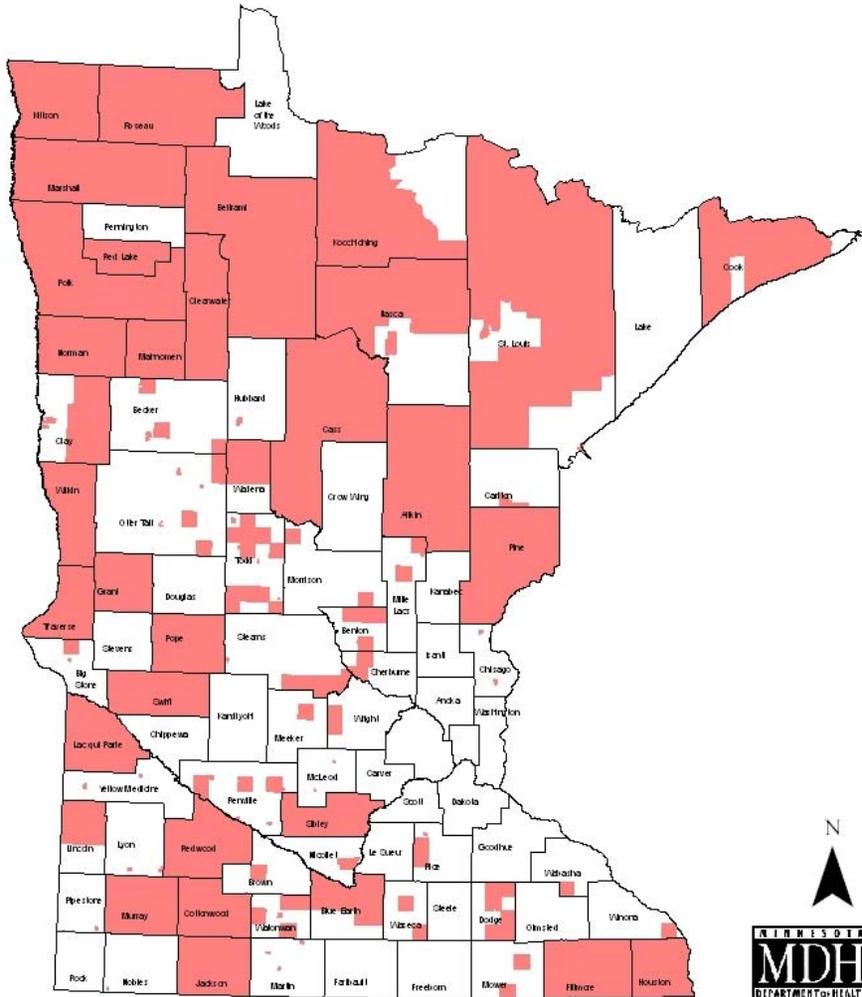
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Health Professions Leaders Workforce Trends

- High student debtload: impact on specialty and location choice
- Educational pipeline:
 - Need to increase diversity
 - Declining interest in health careers
 - Declining math and science test scores

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Medically Underserved Areas



Minnesota
Medically Underserved
Areas

Data Source: Minnesota Department of Health; Office of Rural Health and Primary Care

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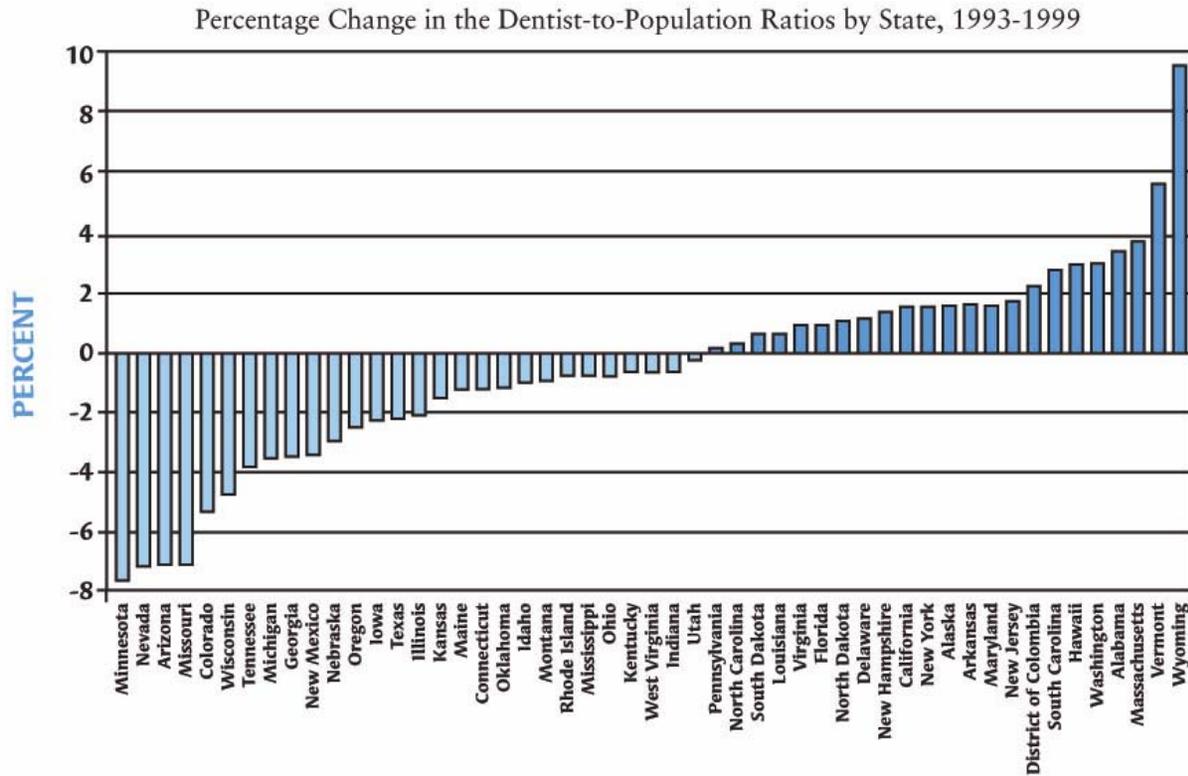
Health Professional Workforce Shortages: A Major Problem in Minnesota

- In a 2002 study published in the *Journal of the American Pharmaceutical Association*, Minnesota was declared the number one state with a need for pharmacists
- Minnesota: Leading State Experiencing Negative Percentage Change in Dentist to Population Ratio (American Dental Association, 2003)
- Given retirements and trends, 1359 *additional* physicians needed by 2020 to keep access at 2000 level. (Minnesota Medicine, September 2004)
- Rightsizing the nursing workforce remains a challenge
- Large percentage of public health retirees in next five years (MDH, March 2005)

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FIGURE 3.6



Source: ADA, *Distribution of Dentists*; and U.S. Department of Commerce, Bureau of the Census, 1990 and 2000 Census.

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University of Minnesota Response

- Increasing student enrollment and class size
- Greater Minnesota Strategy
- Creating sustainable community partnership models for education/training
- Providing leadership to the health community
- Greater Minnesota strategy/Minnesota AHEC

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Symbiotic Relationships through AHEC

- Based on shared risks, shared resources and shared benefits
- Common understanding that all partners have assets to contribute
- Community desire to develop innovative strategies to address health workforce
- University desire to connect students with greater Minnesota

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AHEC bridges resources

- Title VII funding from federal government as seed money
- Community partners cash and in-kind resources
- University resources
- Additional foundation and grant resources

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Partnerships to
sustain the future
health professions workforce

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Willmar Selected as Host Community for Southern MN AHEC

- Strong broad-based community support
- Regional vision for leadership
- Examples of strong educational linkages
- Demonstrated capacity and experience to successfully foster partnerships and opportunity

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Criteria for Selection of Host Communities

- Strengths (community support and involvement, leadership capacity, health professions training experience, connections to U of M AHC programs, etc)
-
- Resources (education and training facilities, student housing, established community health networks, office space, etc)
-
- Experience with collaboration and regional involvement (regional partnerships, leadership roles, organizational participation, facilitation of regional activities, etc)
-
- Creativity and innovation (examples that demonstrate unique approaches to problem solving, creative uses of resources, etc)

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Rice Memorial Hospital

Who we are

Beds	110 Acute 78 Skilled Nursing Facility
Employees	939
Active Medical Staff	103
Primary & Secondary Service Area	11 Counties 185,000 population
2004 Inpatient Admissions	4855
2004 Births	859
2004 Net Revenues	\$82.2 million



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Healthcare as Economic Driver in Communities

“It’s why the public has a stake in the AHEC even though most aren’t directly involved. Maybe they won’t notice anything today, but we’re planning ahead for ten years from now.”

Kathryn Nelson, M.D., Family Physician, Willmar, MN

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Value of community-academic partnerships

- Long-term vision for sustainability of health professions workforce
- Recruitment/retention strategy
- Cutting edge of trends in educational delivery and research
- Influence curricula and development of community-based educational experiences

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So AHEC Recent Accomplishments

- Summer camps/youth health career resources/job shadowing
 - Increased level of health professions student training
 - Mini Medical School
 - Community profiles
 - Broad community engagement on health professions workforce issues
-

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What's Inside

[About Southern Minnesota AHEC](#)[Community Profiles](#)[Exploring Health Careers](#)[What's New](#)[Preceptors and Health Professionals](#)[Student and Resident Education](#)[Resources](#)**Southern MN AHEC**

- * [Minnesota AHEC](#)
- * [Northeast AHEC](#)

Office of Education Programs

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Southern MN AHEC

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[George Gordon, M.D., Assoc. Administrator for Medical Affairs, Rice Memorial Hospital](#)
Explore the unique characteristics of Rice Memorial Hospital and Willmar



[Carnie Alex, Clinical Pharmacy Coordinator, Rice Memorial Hospital](#)
Rice Memorial Hospital offers a nice combination of a large and small hospital feel



[Les Heitke, Mayor of Willmar](#)
The community's population continues to grow in ethnic diversity



[Nancy Drange, RN, Affiliated Community Medical Center](#)
Health professionals in Willmar embrace the team approach to care

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Southern AHEC new developments

- Medical interpreter training program
- Continued expansion of clinical training for health professions students
- Development of concept for regional dental clinic
- Regional health professions workforce assessment

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Other Minnesota AHEC Developments

- Joint Liaison position between Extension, Academic Health Center, Family Social Sciences to expand collaborations across University and in communities
- Regional workforce development conversations
- Specialized health careers enrichment for 8-12 graders

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Partnerships with a Shared Vision

- Builds on partner assets
- Long-term vision
- Goal of workforce redesign
- Shared planning and outcomes
- Link to regional economic development strategies

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