

Minnesota e-Health Initiative

Advisory Committee

Progress to Date

2007 Summit Update

Co-Chair

Mary Brainerd,
CEO
Health Partners
Inc.

Co-Chair

Mary Wellik,
Director
Olmsted County
Public Health
Services



Topics for Discussion

- **MN e-Health Initiative**
- **Statewide Progress to Date**
- **Looking Ahead—Achieving the Vision**



The Minnesota e-Health Initiative



"... accelerate the adoption and use of Health Information Technology to improve healthcare quality, increase patient safety, reduce healthcare costs and enable individuals and communities to make the best possible health decisions."



MN e-Health Initiative

- Private-Public collaboration
- Guided by an Advisory Committee
- Comprehensive vision
- Consumer and community focus
- Includes healthcare, long term care, public health, academia and other settings



2006-2007 Minnesota e-Health Initiative Advisory Committee

Co-Chairs: **Mary Brainerd**, CEO, HealthPartners
 Mary Wellik, Director, Olmsted County HD

Representing

- Hospitals
- Health plans
- Physicians
- Primary Care
- Nurses
- Purchasers
- Long Term Care
- Academic/Research
- Pharmacies
- Public health
- Citizens
- Labs
- Other Experts

Members (26)

Mary Klimp, **Kim Pederson**
Fred Dickson, **Bobbie McAdam**
Dr Kristin Benson, **Dr Ray Gensinger Jr.**
Rhonda Degelau
Bonnie Westra
Carolyn Pare, **Brian Osberg**
Peter Schuna, **Jennifer Sundby**
Gregg Thomas, **Dr Don Connelly**
Katie LeBeau
Rina McManus (local), **Marty LaVenture (MDH)**
R.D. Brown
Cindy Nelson
Dr David Abelson, **Dr Alan Abramson**, **Laurie Beyer-Kroupenske**, **John Gross**, **Andy Galbus**, **Jennifer Lundblad**



MN e-Health

Strategic Areas of Focus

- **Empower Consumers** with the information they need to make informed health decisions
- **Inform and Connect Healthcare Workers** so they have access to the information they need.
- **Protect Communities** with accessible prevention resources, and rapid detection and response to community health threats.
- **Ensure the Infrastructure** needed to fulfill the e-Health vision



Empower Consumers—*Progress*

- Personal Health Records available from all larger health systems, two health plans and several employers
- Principles for implementing PHRs in Minnesota developed
- Demonstration project funded in Willmar for a community-based PHR as a method of health information exchange



Empower Consumers—*Looking Ahead*

- Goal established for all Minnesotans having access to a PHR by 2015
- PHR principles used to guide offerings from health systems, plans, employers and PHR vendors



Interconnect Clinicians—*Progress*

- EHRs implemented in almost all medium to large health systems
- Many smaller hospitals, clinics and skilled nursing facilities in the planning stages
 - ~63% of primary care clinics implemented or in process
- \$1.3M appropriated by the 2006 Legislature for interoperable EHRs
 - For rural and underserved areas
 - 7 planning and 5 implementation grants awarded



EHR Adoption: Urban-Rural Comparison

<u>Implementation Stage</u>	<u>All</u>		<u>Rural</u>		<u>Urban</u>	
	<u>2005</u>	<u>2007</u>	<u>2005</u>	<u>2007</u>	<u>2005</u>	<u>2007</u>
Fully implemented or implementation in process	46%	68%	36%	53%	54%	77%
Implementation in next 12-24 months	27%	22%	35%	35%	21%	14%
Implementation beyond 25 months or no plans for implementation	27%	10%	29%	12%	25%	9%

Source: Stratis Health Clinic HIT Survey, April – June 2007



Interconnect Clinicians—*Progress*

- Increased coordination and collaboration among tele-health services
- Expanded use of e-prescribing and exchange of medication histories
- Stratis Health DOQ-IT tool kit for EHR planning and implementation
- Full implementation of a statewide immunization registry with vaccine decision support



Interconnect Clinicians—*Looking Ahead*

- \$14M in new legislative funding for 2008-09
 - Planning and implementation grants
 - No-interest loans
 - Rural and underserved areas
- State mandate that all healthcare providers have interoperable EHRs by 2015
- State mandate to establish health data standards by 2009
- National certification of ambulatory and in-patient EHRs



Consumers and Clinicians— *Progress in Privacy and Security*

- Minnesota Privacy and Security Project (MPSP) conducted a year long assessment of barriers to electronic exchange
- ***Finding:*** Minnesota's patient consent requirements caused a barrier to the electronic exchange of health information because:
 - Health care providers cannot agree on "when" and "how" consent is required to exchange patients' health information
 - Minnesota's requirements were designed for paper-based exchanges and were not conducive to a real-time, automated electronic exchange



Consumers and Clinicians— *Progress in Privacy and Security*

The 2007 MN Health Records Act:

- Revises & recodifies Minnesota's patient consent requirements
- Maintains and strengthens patient privacy protections
- Facilitates the exchange of electronic health information



Consumers and Clinicians— *Progress in Privacy and Security*

19 Principles for the “4As”

- **Authorizing** individuals to access patient data
- **Authenticating** individuals when accessing patient data
- Setting **Access controls** to appropriately limit authorized individuals' access to patient data
- Coordinating **Auditing** activities across organizations to assure patient data has not been inappropriately accessed



Consumers and Clinicians— *Looking Ahead in Privacy and Security*

- **Develop universal consent language and form:**
 - By January 1, 2008
 - Not mandated but if used, must be accepted
 - Will accommodate special consent requirements
- **Case studies documenting implementation of the 19 principles**



Protect Communities—*Progress*

- **Minnesota Public Health Information Network (MN-PHIN) chartered and launched**
 - Focus on business process analysis, standards, interoperability, upgrading systems, and workforce informatics capacity
- **Disease Surveillance Modernization project funded by 2007 Legislature**
 - Upgrade MDH systems to enable 2-way electronic exchange



Protect Communities—*Looking Ahead*

- MN-PHIN to be closely affiliated with e-Health
 - Shared work on standards and interoperability
- Infectious disease/bio-surveillance systems to be upgraded
- Increased focus on population health goals and quality



Enhance Infrastructure— *Progress on Education and Training*

- Expanded health informatics curriculum added to post-secondary and graduate courses
- Expanded web resources on standards, consumer benefits and PHRs



Infrastructure—*Looking Forward on Education and Training*

- Post-secondary and graduate programs offering on-line and other informatics courses
 - Creating certificate programs for working professionals



We can be proud....

Minnesota is a national leader in:

- Strong and growing EHR adoption statewide
- Effective *use* and *interoperability* of EHRs
- Strong privacy and security protections
- Linking public health and e-Health to meet community needs
- Sustainable community driven exchange efforts
- Leveraging private and public resources
- Outstanding private – public collaboration



Achieving the Vision—

Advisory Committee Actions

- Modify committee process & governance to support the shift to implementation issues
- Increase use of workgroups and subject matter experts to address specific mandates and requirements, including:
 - Standards for interoperability and EHR's
 - Develop a dynamic implementation plan
 - Implement the privacy changes & security principles
 - Advance the public health information network
 - Monitor progress of recommendations
 - Support communication, training and education activities



Achieving the Vision— *Actions Your Organization Can Take*

- Adopt a nationally certified EHR—and *use it* effectively
- Adopt national and state health data standards
- Develop plans, policies, agreements for interoperability and exchange
- Join/form community collaboratives
- Develop plans for increasing informatics skills and knowledge in your leadership and workforce



Achieving the Vision— *Actions You Can Take*

- Increase your informatics knowledge and skills
- Stay informed on privacy and security issues
- Participate in e-Health committees & work groups
 - Statewide EHR Implementation Plan
 - Data Standards/Exchange
 - Public Health/Population Health
- Share your knowledge and experience



Thank You Very Much!

Stay Involved !

Enjoy the Summit!



Web Resources

- Reports and policy
- Directory of projects
- Links to national resources
- Shared tools and templates



Minnesota e-Health Initiative
www.health.state.mn.us/e-health

