



Wisconsin State-level HIE Project Steering Committee
State-Level Health Information Exchange Project Overview

August 2009

Agenda

Welcome and Introductions 10:00-10:10

Project Phase Review 10:10-10:15

Assessment Approach 10:15-10:30

Findings Review 10:30-11:45

Next Steps 11:45 – 11:55

ARRA HITECH Update 11:55 – 12:00



Project Scope Review



The Wisconsin HIE Project Seeks to Address Key Questions and Areas of Focus Over Across Four Threads

Governance

- What is the successor to the current e-Health board?
- What should the legal entity be?
- What is its mission?
- What type of organization structure should be in place?
- What will be the roles and responsibilities for this organization as it relates to governance and technical operations?

Adoption / Functional

- How do we build stakeholder buy-in?
- What will be the operating model for the new State-level HIE?

Finance

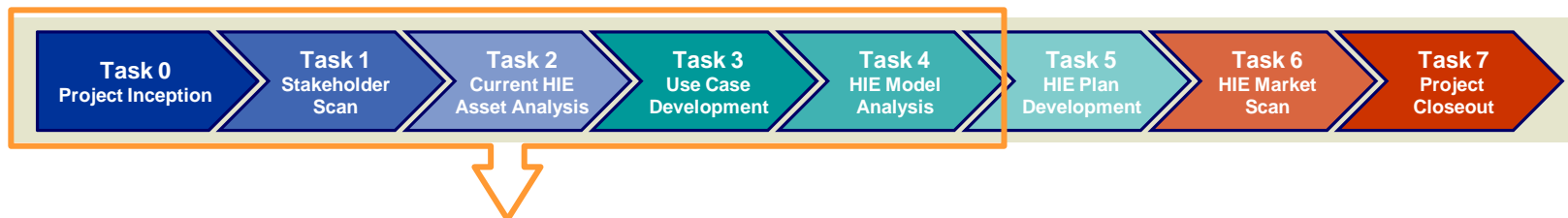
- How will the State-level HIE be funded (start up and sustainability model) and operated?

Technology

- What assets can be leveraged from the State's current investment pool to make this work (WHIE, WHIO, PHIN, others)?



Phase 1: Scope of Activities



Task 1 Scope

- Assess Stakeholders' HIE Interests - **COMPLETE**
- Assess Current HIT Status – **IN PROGRESS (9/3)**
- Assess Current Interoperability Status - **IN PROGRESS (9/3)**

Task 3 Scope

- Select Services (Use Cases) – **IN PROGRESS (9/3)**
- Validate and Prioritize Services (Use Cases) – **IN PROGRESS (9/3)**

Task 2 Scope

- Initial Baseline Asset Inventory & Validation - **IN PROGRESS (9/3)**
- Accumulate State & Community-Based Assets - **IN PROGRESS (9/3)**
- Assess Capability to Leverage Technical Assets – **PHASE 2**
- Technical and Functional Barriers - **IN PROGRESS (9/3)**

Task 4 Scope

- Determine Role of the State
- Identify Business Options
- Define Cost/Benefit Drivers
- Recommended Business Option



Approach



Overview of Stakeholder Assessment Inputs

How did we get the input?

- Interviews with Steering Committee Members
- SLHIE Survey
- Outreach through Steering Committee and member organizations
- Outreach from Secretary Timberlake to CEOs and Tribal Leaders
- Summit Commentary
- Summit Handouts
- Advertising on eHealth website

Who Was Asked/Invited?

- 968 distinct email contacts

Who Responded?

Stakeholder Type	Summit Attendee	Summit Handouts	HIE Survey	Interview	Total
Consumers	19	3	16	0	38
Government	42	8	9	1	60
HIE/HIE Service Provider	8	2	5	6	21
Hospital/IDN	107	34	30	5	176
Payer	34	7	9	1	51
Provider	35	7	17	4	63
Tribe Representative	5	1	2	0	3
Other/Not Recorded	68	13	5	0	18
Total	318	75	93	17	503





Highlights of Findings - General

- *Clear support for a SLHIE in Wisconsin across stakeholder groups*
- *Need for clearly articulated objectives of the SLHIE (grounded in the State's health care goals)*
- *Users and contributors to the SLHIE health information need to trust the source of the information and be confident that it is current and accurate*
- *Existing privacy and security legislation needs to change in order for the SLHIE to be successful*
- *Connect locally first then extend to address patients that move throughout the state or across state borders*



Highlights of Findings - Services

- *Need for a holistic vision and design that is patient-centric – plan for the short as well as the long-term*
- *Clear willingness to have services provided at a state-level*
- *Don't reinvent the wheel – leverage existing assets*
- *Priorities centered around the need for providing demographic, medication management, lab results and transfer of care services*
- *Address low hanging fruit first to gain quick wins*

Service	Average Ranking	Provide by SLHIE	Provide by Local HIE
Patient Identifier	9.0	67%	28%
Medication History Exchange	8.9	59%	34%
Lab Results Exchange	8.3	57%	36%
Audit Trail Services	8.0	63%	34%
Record Locator Services	7.9	61%	30%
Cross-Enterprise User Authentication Services	7.7	60%	33%
Support for "Meaningful Use" of EHRs	7.6	62%	30%
Patient Consent Management Services	7.4	52%	43%
Data Transformation Services	7.3	60%	26%
Patient Registry Connectivity Services	7.3	59%	32%
Clinical Portal	7.3	49%	35%
De-identification Services	7.2	60%	29%
Connection to a Nationwide Health Information Network (NHIN)	7.2	74%	17%
Population Health Services	6.8	72%	21%
Personal Health Record Exchange Services	6.6	52%	35%
Terminology Services	6.6	66%	20%
Benchmarking and Reporting Service	6.6	66%	28%
Electronic Health Record Provisioning Services	6.3	46%	28%
Advance Directives Management Services	6.0	53%	35%
Clinical Decision Support Services	5.8	45%	33%
Average Response	7.3	59%	30%



Highlights of Findings - Functions

- *Clear need for the scope of the operating model to evolve with the services provided*
- *Need scope of operating model to be manageable so as to actually accomplish objectives – don't have too many balls in the air*

Function	Maybe	No	Yes
Operate the state-level HIE covering both state and regional levels	2%	42%	56%
Centralized repository of de-identified data	0%	20%	80%
Interoperability service provider	0%	26%	74%
HIE provider	3%	26%	71%
Regional HIE certifications	1%	26%	72%
Network of networks	2%	18%	81%
Develop reference architecture	1%	19%	79%
Interpreting and supporting the application of HIE Standards	0%	7%	93%
Interpreting & supporting the application privacy/security frameworks	1%	10%	89%
Conduct outreach and education	0%	13%	87%
Administer Funds	4%	13%	83%

Many services could be offered through a state-level HIE in Wisconsin

Model	Function	Maybe	No	Yes
Single Utility	Operate the state-level HIE covering both state and regional levels	2%	42%	56%
Operator	Centralized repository of de-identified data	0%	20%	80%
	Interoperability service provider	0%	26%	74%
	HIE provider	3%	26%	71%
	Regional HIE certifications	1%	26%	72%
Connector	Network of networks	2%	18%	81%
	Develop reference architecture	1%	19%	79%
Convener	Interpreting and supporting the application of HIE Standards	0%	7%	93%
	Interpreting & supporting the application privacy/security frameworks	1%	10%	89%
	Conduct outreach and education	0%	13%	87%
	Administer Funds	4%	13%	83%



Table 5: Stakeholder preferences for the Wisconsin SLHIE performing HIE-related functions and how those functions align with four HIE operating models



Highlights of Findings - Governance

- *Strong preference for Wisconsin's SLHIE to be a public-private partnership*
- *Need for broad representation of stakeholders through a manageable number of Board Members*
- *Need for Board Members to be knowledgeable, independent and represent the broader needs, not just their own*
- *State government should have a seat at the table and may provide oversight and support in Wisconsin's SLHIE*



Highlights of Findings – Participation and Financing

- *Resources and funding challenges may make it difficult for stakeholders to participate*
- *Initial funding should be provided predominantly by the Federal and State Governments (majority from federal) while ongoing should be a mix of government funding, transaction fees, and payer support*

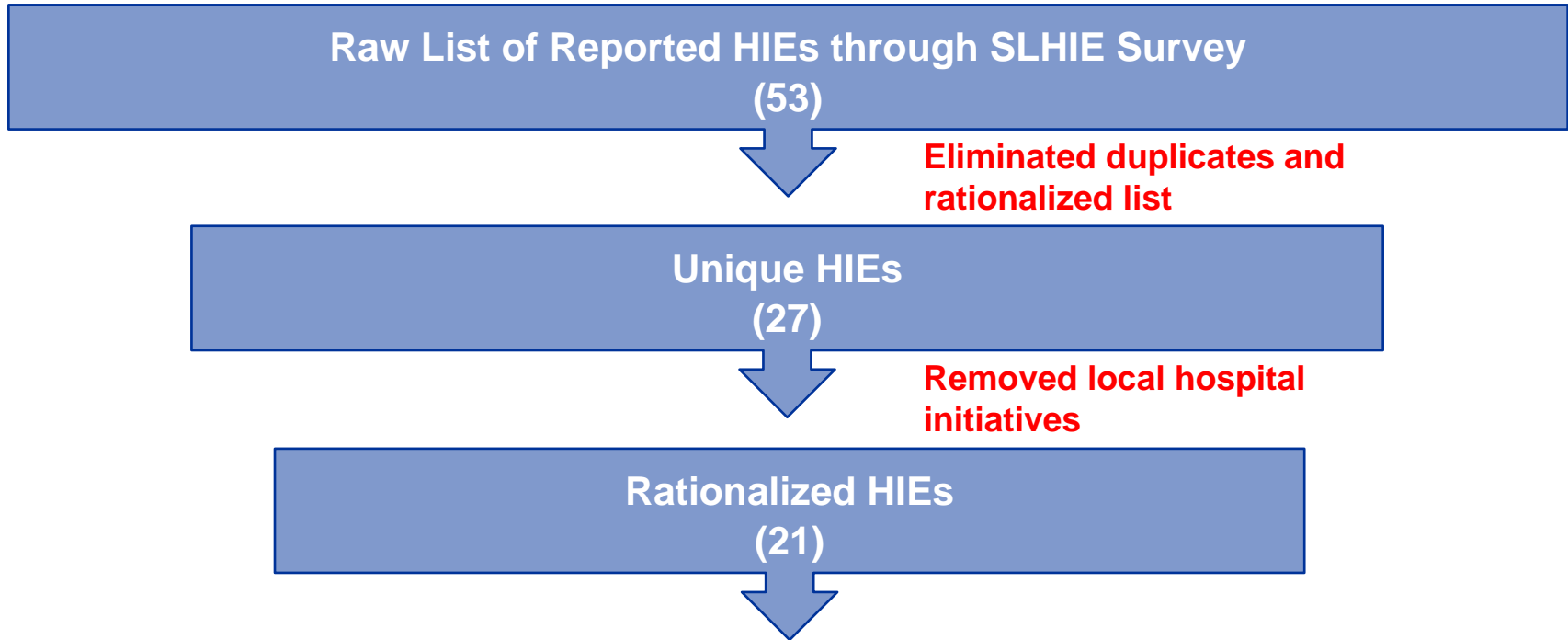


Recap of High Level Themes

1. **Clear support for the SLHIE concept**
2. **Clear support for a SLHIE entity**
3. **Dual need to both optimize HIE initiatives statewide and address regional needs**
4. **A vehicle for better analytics**
5. **Strong privacy and security framework**
6. **Clear value and end user participation**
7. **Holistic vision and design**
8. **Leveraging Wisconsin's existing advantage**
9. **Think big, start small**



Rationalization of Self-Defined HIEs



Identified HIE Initiatives	
1. Availity	12. Ministry/Marshfield Clinic – Privacy Initiative
2. CareEverywhere	13. Northeastern Wisconsin Health Value Network (NEWHVN)
3. Care Link	14. Public Health Information Network (PHIN) pilot
4. Children's Health System Regional Portal Initiative	15. Rural Wisconsin Health Cooperative Information Technology Network (ITN)
5. Community Health Information Collaborative	16. ThedaCare/Affinity Regional Sharing Initiative
6. Exchange of Lab Data Orders	17. WCHQ Repository-based data submission
7. GPRA Reporting to Indian Health Services (IHS)	18. Wisconsin Health Information Exchange (WHIE)
8. Health Disparities Collaborative	19. Wisconsin Health Information Organization (WHIO)
9. Innovations in Planned Care	20. Wisconsin Immunization Registry (WIR)
10. KCIN (Kiera Clinical Integration Network)	21. Wisconsin State Lab of Hygiene - Point to point relationships with partners
11. MEGAHIT (Medical Evidence Gathering and Analysis of Health Technology)	





Next Steps



A Look Ahead

Existing Asset Interviews

- Dept. of Administration (DOA)
- Dept. of Health Services (DHS)
 - Health Care Access & Accountability
 - Disability Determination Bureau (DDB)
 - Public Health
 - Long Term Care
 - Mental health and substance abuse services
 - Quality Assurance – provider regulation
 - State Lab of Hygiene
- Health Insurance Risk Sharing Pool (HIRSP)
- Dept. of Children & Families (DCF)
- Dept. of Employee Trust Funds
- Dept. of Regulation & Licensing (DRL)

Completion Date: 8/20

- WHIO
- WHIE
- WCHQ
- RWHC
- WHA
- WMS
- WiscNet
- ThedaCare/Affinity
- Marshfield/Ministry
- Aurora
- Gunderson Lutheran
- Mayo
- St. Croix Health Center

HIT Asset Survey

Close Date: 8/28

Business Options Review

Mid-September



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