



## Health Information Exchange Strategic and Operational Plan Profile

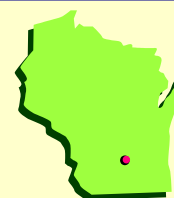
### Overview

Wisconsin is the 18<sup>th</sup> most populous state in the country, with just over 5 million residents and has more Native American reservations than any other state east of the Mississippi river. Wisconsin is home to two of the world's leading HIT companies – Epic Systems Corporation and GE Healthcare, both of which are among the top four most commonly used EHR vendors in the state. The state boasts a significantly higher EHR adoption rate for ambulatory care providers and hospitals than the national average and has four regional and EHR-based entities that offer HIE services to providers in various parts of the state. To ensure HIE options for achieving meaningful use are available to all providers in 2011, Wisconsin will take a two-phased approach to supporting exchange that leverages their existing assets and rolls out basic exchange options quickly.

### Model and Services

**Phase I** – Wisconsin will enable a Direct Project secure messaging solution for all interested providers, labs, and HIOs in the state. The Direct solution will support provider-to-provider exchange as well as exchange directly between regional exchange entities, should they choose to take this approach. They will work with their designated governance entity, the Wisconsin State Health Information Network (WISHIN), one of their regional exchange entities, Wisconsin HIE (WHIE), and their Regional Extension Center (REC) to provide technical and educational assistance to providers interested in participating. The initiative will leverage the Wisconsin Medical Society (WMS) provider directory, which is believed to already contain information for every physician in the state of Wisconsin, and augment it to include other types of providers and provider entities. The provider directory will also include whether a provider uses an EHR, if so, the type of EHR system they use, the Direct address for each participating provider and provider entity, and information on the provider's certificate to support Direct secure messaging. This augmented provider directory will support Wisconsin's targeted outreach efforts to every provider that does not have an HIE solution in 2011. WHIE will serve as the primary Health Information Service Provider (HISP) option for providers who do not choose to use other HISP options within the state. WHIE will also serve as the state-level trust broker for certificate authority of providers, labs, and other HISPs.

**Phase II** – Wisconsin is planning to develop a multi-layered and modular state-level HIE backbone to meet the needs of both advanced and developing HIE entities as well as individual providers and health care organizations. For phase II, the plan is to build on the trust enablement and provider directory services developed in phase I, while also expanding security services, developing a master patient index, payer directory, patient consent registry, record locator service, gateway to federal partners via NHIN, and will support any possible public health connectivity.



State: Wisconsin

**HIT Coordinator:**  
Denise Webb

**Statewide HIE:**  
Wisconsin Statewide Health  
Information Network (WISHIN)

**Award Amount:**  
\$9,441,000

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**Website:**

**Other Related ONC funding in  
Wisconsin:**  
Wisconsin Health Information  
Technology Extension Center  
(WHITEC)  
\$9,125,000



## Highlights

- ***Stakeholder Support and Buy-In.*** Wisconsin's inclusive approach to developing their Strategic and Operational Plan has created a sense of shared ownership and responsibility among public and private leaders within the state. Competing HIE entities, health plans, providers, and many others continue to come to the table to participate in shared decision making and goal setting to support the state's health improvement targets and the broad provider and public interests.
- ***Existing Provider Directory.*** Wisconsin's Medical Society provider directory has already been developed and built on state licensure data from the Wisconsin Department of Regulation and Licensing. This readily available asset will provide an effective and efficient foundation from which to build the robust directory that will support Wisconsin's Direct solution and targeted provider outreach.
- ***Public Health Readiness.*** Wisconsin's Department of Public Health (DPH) has systems that are technically well positioned to accept and continue receiving electronic submissions of immunization and laboratory data. These systems already accept HL7 2.3.1, and can be readily upgraded to accept HL7 2.5.1 submissions (although a majority of immunization system data providers currently submit data in other formats). It is likely DPH will be ready to accept tests and subsequent transmissions by April 2011. Syndromic surveillance data currently come to DPH through an arrangement with the WHIE from 44 acute-care Wisconsin hospitals and associated clinics.



# Meaningful Use

	<u>Landscape</u>	<u>Strategy</u>
<b><u>E-Prescribing</u></b>	<ul style="list-style-type: none"> <li>~12% of Wisconsin pharmacies are not able to accept electronic prescriptions and refill requests.</li> </ul>	<ul style="list-style-type: none"> <li>Wisconsin has set a goal of reducing this gap by 50% by the end of 2011 through direct outreach to pharmacies, and tracking and monitoring of progress toward this goal.</li> <li>Outreach will also help providers identify local pharmacies with e-prescribing capabilities. If none are found in the area, that area will be prioritized for pharmacy outreach.</li> <li>Wisconsin is also exploring potential Medicaid and state licensure vehicles with the WI Department of Regulation and Licensing (DRL) to set requirements for pharmacies and e-prescribing.</li> </ul>
<b><u>Structured Lab Results</u></b>	<ul style="list-style-type: none"> <li>~34% of independent labs are not able to send results electronically.</li> </ul>	<ul style="list-style-type: none"> <li>Wisconsin has set a goal of reducing this gap by 50% by end of 2011 through direct outreach to independent labs, and tracking, and monitoring progress toward that goal.</li> <li>As Wisconsin reaches out to labs to encourage electronic delivery of structured lab results, they will offer options for the state's Direct secure messaging solution.</li> <li>Outreach will also help providers identify local labs with secure messaging capabilities. If none are found in the area, that area will be prioritized for laboratory outreach. Wisconsin will further provide technical assistance to both providers and labs that decide to take the Direct messaging approach.</li> </ul>
<b><u>Patient Care Summary</u></b>	<ul style="list-style-type: none"> <li>Epic Care Everywhere, the exchange option that covers 60% of providers in Wisconsin, is currently the only entity supporting CCD exchange. Other exchange entities offer some care summary exchange options, but not CCD and not always between unaffiliated organizations.</li> </ul>	<ul style="list-style-type: none"> <li>Wisconsin will support exchange of patient care summaries between unaffiliated organizations through their Direct secure messaging solution. They will also offer technical assistance to providers that decide to take the Direct messaging approach.</li> <li>The robust provider directory developed during their phase I implementation will support a provider-by-provider targeted outreach campaign to ensure all providers know about their HIE options and encourage them to take advantage of them.</li> </ul>



# HIE Inventory

Standards		Quality Improvement	
Nationwide Health Information Network Exchange Specifications		Care Coordination	
Nationwide Health Information Network CONNECT		Quality Reporting	
Nationwide Health Information Network DIRECT	X	Behavioral Health Information Exchange	
Plans to exchange with federal agencies or other states via Nationwide Health Information specifications	X		
<b>Public Health</b>		<b>Lab Strategy</b>	
Electronic lab reporting of notifiable conditions	X	Translation services	
Syndromic surveillance	X	EHR interface	X
Immunization data to an immunization registry	X	Policy strategy	
<b>Patient Engagement</b>		Order Compendium	
Patient Access/PHR		Bi-Directional	
Blue Button		Alignment with CLIA	X
Patient Outreach		<b>E-Prescribing</b>	
<b>Privacy and Security</b>		Medication History	
Privacy and Security Framework based on FIPS	X	Incentive or grants to independents	
Individual choice (Opt In/Opt Out/hybrid)	TBD	Plan for controlled substance	
Authentication Services	X	Set goal for 100% participation	
Audit Log	X	Controlled substance strategy	
<b>Administrative Simplification</b>			
Electronic eligibility verification		<b>Care Summaries</b>	
Electronic claims transactions		Translation services	
<b>Vendor</b>		CCD/CCR Repository	
Planning	Deloitte	<b>Directories</b>	
Core Services		Provider Directory	X
		Master Patient Index	X
		Record Locator Services	X
		Health Plan Directory	
		Directory of licensed clinical laboratories	

*Information for this profile was obtained from the approved Operational and Strategic Plan submitted to the National Coordinator for Health Information Technology as a condition of the Health Information Exchange Cooperative Agreement. The complete plan can be downloaded at: [www.statehieresources.org](http://www.statehieresources.org)*



Office of the National Coordinator for Health Information Technology  
 State Health Information Exchange Cooperative Agreement Program  
[HealthIT.hhs.gov](http://HealthIT.hhs.gov)