



## Health Information Exchange Strategic and Operational Plan Profile

### Overview

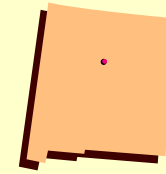
The New Mexico Health Information Collaborative (NMHIC) is the name of the HIE network and the stakeholder collaborative that supports it. NMHIC is staffed and operated by the non-profit LCF Research organization. In May 2009, New Mexico's Governor selected NMHIC to lead the planning and coordination of a statewide HIE network. Also in 2009, the New Mexico Electronic Medical Record Act was passed. It clarified state laws that apply to privacy and security of patient information that is stored in EMR's or communicated across health information exchange networks. In December 2009, the Department of Health selected NMHIC as the sole agent for e-reporting to the NM DOH.

The NM HIE strategy builds upon its existing HIE network infrastructure. As of the end of 2010, NMHIC has operating interfaces for accessing patient information from 14 hospitals, two major medical groups and four laboratories. It has more than one million unique patient identities in its Master Person Index out of a total state population of two million. It is in production sending laboratory results with notifiable conditions from four laboratories to the DOH and situational surveillance information from three emergency departments. It is currently participating in a pilot test to send secure summary patient information in standards-compliant CCD format over the Nationwide Health Information Network (NW-HIN) to the Social Security Administration for disability determination. NMHIC expects to be in production exchanging information over the NW-HIN by the first quarter of 2011. In addition, NMHIC also expects to complete its first pilot test of clinician access to patient information on the NMHIC portal by May 2011. By the third quarter of 2011, NMHIC expects to directly support or facilitate the meaningful use requirements for: 1) receipt of structured lab results into provider EHR systems; 2) sharing of summary patient information among non-affiliated health care organizations; and 3) e-prescribing. Later in 2011, NMHIC plans to leverage its capability to exchange information over the NW-HIN to provide care coordination within New Mexico among private sector health care providers and health care providers with the Indian Health Service and the Veterans Administration.

### Model and Services

NMHIC uses a hybrid architecture that uniquely identifies patients with a centralized MPI, locates patient information at provider locations, and then accesses the patient information from the edge servers at various health care facilities. This patient information is then gathered and displayed on a centralized web portal or sent to the requesting provider's EHR system. NMHIC also maintains a central repository of notifiable conditions

Office of the National Coordinator for Health Information Technology  
State Health Information Exchange Cooperative Agreement Program  
HealthIT.hhs.gov



**State:**  
New Mexico

**HIT Coordinator:**  
Robert Mayer

**State Designated Entity:**  
LCF Research

**Award Amount:**  
\$7,070,441

**Contact:**  
Jeff Blair  
505-938-9904  
[Jeff.blair@lcfresearch.org](mailto:Jeff.blair@lcfresearch.org)

**Website:**  
[www.nmhc.org](http://www.nmhc.org)

**Other Related ONC funding in  
New Mexico:**

Health Information Technology  
Regional Extension Centers  
(RECs) \$6,175,000



derived from lab results and ERs for reporting to the New Mexico Department of Health. The architecture requires authentication of clinician users and verification of patient consent before the user can access patient information on the network. Data security provisions include comprehensive data security policies, encryption of data at rest and in motion, and audit logs of all transactions. NMHIC complies with all data security and interoperability standards required to exchange patient information over the Nationwide Health Information Network.



## Highlights

- **Reporting to Public Health:** In June 2010 NMHIC went into production filtering laboratory results for notifiable conditions, translating them into LOINC codes, storing them in a centralized e-reporting repository and sending reports to the New Mexico Department of Health. This initiative also includes the receipt of patient information from emergency departments (situational surveillance), which NMHIC also routes to the Department of Health. With these two initiatives, the New Mexico Department of Health became NMHIC's first paying customer. As of December 2010 NMHIC is providing notifiable conditions from four laboratories and three emergency departments. Plans are underway for NMHIC to provide immunization data to the New Mexico State Immunization Information System (NMSIIS) and discharge summaries to the State Health Policy Commission.
- **Exchanging Patient Information over the NW-HIN:** In June 2010 NMHIC began a pilot test to send secure summary patient information in standards-compliant CCD format over the NW-HIN to the Social Security Administration for disability determination. As of December 2010, NMHIC has successfully met the early milestones of the pilot test and expects to be in production exchanging information over the NW-HIN by the first quarter of 2011. Later in 2011, NMHIC plans to leverage its capability to exchange information over the NW-HIN to provide care coordination for individual patients within New Mexico between private sector health care providers and public sector health care providers in the Indian Health Service and the Veterans Administration.
- **Expansion of the NMHIC HIE Network:** As of December 2010 NMHIC has operating interfaces for accessing patient information from 14 hospitals, two major medical groups and four laboratories. It has more than one million unique patient identities in its Master Person Index out of a total state population of two million.
- **Legal Agreements with Healthcare Providers and Patients:** As of December 2010 seven healthcare facilities have signed the production-level NMHIC Network Subscription Agreement and consensus appears to be achieved for a single New Mexico Patient Consent Policy and Form to allow access by authorized healthcare providers to patient information over the NMHIC HIE.
- **Enhanced Coordination with Stakeholders:** During 2010 NMHIC increased its planning and coordination with:
  - the New Mexico HIT Regional Extension Center (NMHITREC) to help prepare providers to demonstrate meaningful use of Health IT;
  - the New Mexico Department of Health to provide electronic reporting of lab results, ED data, and immunizations and to strengthen the role of public health on the LCF Research Board of Directors;
  - the New Mexico Health Services Department–Medical Assistance Division (HSD-MAD) to coordinate health IT plans within the State Medicaid HIT Plan (SMHP) and to enhance the participation of Medicaid on the LCF Research Board of Directors;
  - community stakeholders by facilitating their participation in updates to the New Mexico State HIE Strategic and Operational Plan, resulting in the approval of Version 2 of the HIE Plan in April and Version 3 of the HIE Plan in December 2010.



# Meaningful Use

	<u>Landscape</u>	<u>Strategy</u>
<b><u>E-Prescribing</u></b>	<p>As of June 30, 2010 Surescripts reported the following:</p> <ul style="list-style-type: none"> <li>Activated pharmacies: 252 out of 290 - 87%</li> <li>Active e-prescribers: 683 providers including physicians, NPs and PAs - 13.7%</li> <li>Physician e-prescribers: 572 providers of 2,854 active licensed physicians in New Mexico - 20.04%</li> <li>Eligible prescriptions routed electronically: 4% (2009)</li> </ul>	<p>New Mexico has several strategies in-place to address e-prescribing gaps. The first one is the promotion of e-prescribing as a part of the activities of the New Mexico Health IT Regional Extension Center (NMHITREC) to support physician demonstration of meaningful use measures. Since certified EHRs include e-prescribing capabilities, the NMHITREC will simply include education and training on the use of e-prescribing within its program for 2011. The second strategy to promote e-prescribing is to continue the activities of the New Mexico Prescription Improvement Coalition (NMPIC), which has been promoting physician adoption of e-prescribing in New Mexico for the past several years. NMPIC is staffed and operated by the New Mexico Medical Review Association (NMMRA), which is the QIO for New Mexico. The third strategy is led by Molina Healthcare which is a managed care organization (MCO) that supports Medicare and Medicaid patients. Molina has just initiated a patient-centered medical home (PCMH) initiative which includes financial incentives for health care providers that implement and use e-prescribing. Molina's PCMH initiative includes a \$10,000 e-prescribing incentive for each health care provider; \$5,000 will be paid at initiation and \$5,000 will be paid with demonstrated implementation. In addition, Molina will provide up to \$5,000 in consulting services with selected consultants to assist in design, development, and implementation of an e-prescribing system.</p>
<b><u>Structured Lab Results</u></b>	<p>New Mexico has a unique laboratory environment with the existence of two large reference labs (TriCore and SED labs) that are owned by New Mexico healthcare organizations, which combined account for approximately 65 percent of the state's lab business. Labcorp and Quest Diagnostics also have a presence in the state but have less than 30 percent of the market share combined.</p> <ul style="list-style-type: none"> <li>87 CLIA registered labs in New Mexico</li> <li>90% of labs able to produce and deliver structured lab results</li> <li>State HIE inbound lab interfaces developed and in production for TriCore Reference Laboratories, SED Medical Laboratories, Holy Cross Hospital laboratory, and CHRISTUS St. Vincent Regional Medical Center laboratory.</li> <li>LabCorp and New Mexico Scientific Lab Division (SLD) interfaces in progress, will be operational by 1Q 2011. Quest interfaces (TBD).</li> <li>Electronic lab reporting from NMHIC to NM DOH in production.</li> <li>Lab results made available to clinician users in NMHIC portal.</li> </ul>	<p>New Mexico is working to increase electronic laboratory results delivery for Stage 1 Meaningful Use through State HIE expansion and collaboration with NM HITREC and Medicaid by focusing on deployment to smaller clinics and hospitals. Each program/leader has been given responsibilities to push this plan forward:</p> <ul style="list-style-type: none"> <li>Medicaid to help promote participation with the State HIE and HITREC programs</li> <li>State HIT Coordinator to help support activities to build electronic capabilities and State HIE integration for New Mexico Scientific Lab Division (SLD)</li> <li>NM HITREC to collaborate and coordinate REC participants with the HIE for laboratory results delivery into their EHR systems</li> <li>NMHIC has updated the HIE plan for 2011 and beyond.</li> </ul>



---

## Patient Care Summary

Currently the only patient care summary exchange in New Mexico is done through non-electronic means and within the larger healthcare organizations through private physician portals.

- In June 2010, NMHIC began the SSA Disability Determination pilot test, which includes sending summary patient records over the Nationwide Health Information Network to SSA for disability application processing. These summary patient records are standards compliant Continuity of Care Documents (CCD).
- NMHIC plans to be in production exchanging summary patient records in CCD format for the SSA contract over the NW-HIN by the first quarter of 2011.
- By the end of 2010 NMHIC will be able to provide access to summary patient information in CCD format over the NMHIC web portal from 14 hospitals, 2 major medical groups, and 4 clinical laboratories. NMHIC users will have access to patient information for more than 1 million patients.
- In short, by the end of 2010 NMHIC will have the capacity to provide summary patient record information in CCD format over the NMHIC web portal for than 1 million patients, but it will not have performed a comprehensive pilot test of local clinician users access to the NMHIC web portal.

NMHIC's strategy to share summary patient information among non-affiliated healthcare organizations to support meaningful use of health IT for Stage 1 is:

- NMHIC plans to conduct a comprehensive pilot test of clinician user access to summary patient information in CCD format via the NMHIC web portal from February through April 2011. The pilot site will be the New Mexico Cancer Center. Other healthcare providers have already expressed interest in participating in pilot testing as soon as the pilot with NMCC is completed.
  - The capability to share summary patient records among non-affiliated healthcare providers in CCD format will probably be via the NMHIC web portal only for 2011. We plan to expand this capability to permit sending of summary patient information to another provider's EHR system during 2012.
  - New Mexico is leveraging the NM HITREC and Medicaid efforts to incorporate this capability into newly deployed EHRs across the state.
- 



# HIE Inventory

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

