Project Startup Report
Presented to the IT Committee September 9, 2015

Project Name: ND Immunization Information System **-** NDIIS

Agency: Department of Health

Business Unit/Program Area: Disease Control

Project Sponsor: Molly Howell

Project Manager: Kris Vollmer

Project Description

The North Dakota Immunization Information System (NDIIS) is a confidential, population-based, computerized information system that attempts to collect vaccination data about all North Dakotans. The NDIIS is an important tool to increase and sustain high vaccination coverage by consolidating vaccination records of children from multiple health care providers, providing immunization coverage rate reports for providers, and providing official immunization forms. North Dakota state law requires that providers enter all childhood immunizations into the NDIIS. Children are entered into the NDIIS at birth, through a linkage with electronic birth records. An NDIIS vaccination record can also be initiated by a health care provider at the time of a child's first immunization. The NDIIS has the capability of collecting vaccination data on adult patients, as well as children.

Business Needs and Problems

The NDDoH needs to provide, maintain and enhance the NDIIS and ensure long-term sustainability of the immunization registry. In order to comply with federal grant requirements the NDDoH has identified the following business needs and/or problems:

- Provide operational and infrastructure support to increase (and maintain) NDIIS interoperability with EHRs.
- Improve (and maintain) data quality in the NDIIS.
- Improve (and maintain) timeliness of data transferred between NDIIS and EHRs.
- Enhance CDSi by providing real-time-forecasting messages to EHRs
- Implement functionality for pharmacies and non-typical healthcare providers to submit immunization data to the NDIIS.
- Improve system infrastructure and implement database changes to ensure system sustainability
- Conduct provider outreach.

Key Metrics		
Project Start Date	Project End Date	Original Baseline Budget
05/01/2015	04/30/2018	$3,574,410.11

Objectives	
Project Objectives	Measurement Description
By September 29, 2015, complete the objectives identified in the PPHF 2012 grant: https://share.nd.gov/pmo/doh/pphf2014interop/Reference%20Documents/ProgramArea2_Narrative.doc	Progress towards achievement of the objectives will be determined by the completion of the objectives identified in the PPHF 2012 grant narrative.
By December 31, 2015, complete the objectives identified in the Sentinel Site – Pan Flu grant: https://share.nd.gov/pmo/doh/pphf2014interop/R	Measure the objectives as identified in the Sentinel Site – Pan Flu grant narrative.

eference%20Documents/IIS%20Pandemic%20Preparedness_Narrative.doc	
By September 29, 2016, complete the objectives identified in the PPHF 2014 grant: https://share.nd.gov/pmo/doh/pphf2014interop/Reference%20Documents/Narrative.doc	Progress towards achievement of the objectives will be determined by the completion of the objectives identified in the PPHF 2014 grant narrative.
By September 29, 2017, complete the objectives identified in the Sentinel Site Plan-Capacity grant: https://share.nd.gov/pmo/doh/pphf2014interop/Reference%20Documents/IIS%20Capacity_Narrative%20MH.doc	Progress towards achievement of the objectives will be determined by the completion of the objectives identified in the Sentinel Site Plan-Capacity grant narrative.

Cost/Benefit Analysis
The NDIIS is funding by federal grants. In order to continue to receive grants it is imperative to complete the identified objectives of each grant that's been awarded and that the Department of Health does not continually return funds due to an inability to expend.

Key Constraints or Risks

• Based on the nature of the grants, all funds must be expended as follows:
 	
    o PPHF 2012: 09/30/2015
 	
    o Sentinel Site _ Pan Flu: 12/31/2015
 	
    o PPHF 2014: 09/29/2016
 	
    o Sentinel Site _ Capacity: 09/29/2017
 	
• NMIC hosts the registry and must provide technical expertise
 	
• This project must comply with all grant specifications and federal reporting requirements