IMMUNIZATION INFORMATION SYSTEMS (IIS)





Current Status: Operationalizing the NCIRD IIS Strategic Plan

Since its launch in November 2013, the IIS Executive Board has met numerous times to develop and deliver recommendations to CDC's National Center for Immunization and Respiratory Diseases (NCIRD) regarding suggested refinements to and prioritization of the IIS Strategic Plan. NCIRD carefully considers the Board's input to update the operational version of the plan in order to reflect its evolution as a living document. We will periodically share short summaries of these ongoing updates with the IIS community.

From May through October 2014, updates to the NCIRD IIS Strategic Plan include multiple edits and refinements to the initiative approaches, desired outcomes, success metrics, key steps, and sub-projects. The operational version of the NCIRD IIS Strategic Plan currently presents short-, mid-, and long-term goals across five focus areas, with 11 underlying initiatives that have been prioritized within each focus area. The table below shows the current focus area names, long-term goals, and associated initiatives.

NCIRD IIS Operational Strategic Plan Highlights (* indicates items updated as of October 2014)		
Focus Area	Long-term Goal	Associated IIS Strategic Initiatives
Nationwide Leadership	 There is a nationwide immunization and immunization information management program vision, strategy, policy and metrics. There is an integrated immunization information management vision and strategy, standards, and policy with other public health disciplines (cancer registry, surveillance, etc.) 	Planning for the Future State of IIS*
Sustainability	 Local, state and nationwide immunization information management programs have sufficient funding and resources such as informaticians, epidemiologists, economists, business analysts, contracts specialists, engineers, and information technologists. 	Financial Sustainability and Cost Optimization* IIS Workforce Development*
Service Delivery	 Immunization data sources, error checking and proposed revisions upon immunization event capture or transmission to IIS are clear and easy to understand for the user. 	CDSi Adoption and Sustainability* Immunization-centric EHR Certification*
Capacity & Infrastructure	IIS produces timely and on-demand standardized immunization coverage analytics for all ages and publicly purchased vaccine management tools for the jurisdiction to support all immunization program functions and public health use.	Shared Services Access and Utilization* Nationwide Adoption of IIS Interoperability Standards* Data Analytics IIS Certification*
Interoperability/ Data Management	Data exchange among immunization information management systems is automatic and transparent regardless of location.	Nationwide Policy and Best Practice for IIS Interoperability* Data Quality Services

Next Steps

During the fall of 2014, NCIRD will convene an IIS Metrics Blue Ribbon Panel in order to to determine what success means for IIS, and establish metrics and measures of success and critical paths for meeting IIS goals. The initiative-specific metrics and measures developed by the IIS Executive Board, as well as work done internally at NCIRD (i.e. IIS Functional Standards 2013-2017), will be leveraged as input for the panel approach. The results from the panel will ultimately be used to guide success for the IIS Strategy Initiative, as well as IIS as a whole.

For any questions/concerns regarding this document, please contact IISExecutiveBoard@cdc.gov.