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## Electronic Laboratory Reporting Project Listing

### Contents

Surescripts – Lab Grant .....	2
S&I framework – Lab Results Interface(LRI) Initiative .....	2
Maine Public Health Lab- Electronic Test Order & Result (ETOR) .....	3
Blood lead testing .....	4
Environmental Public Health Tracking Network (EPHTN).....	4
Nationwide Health Information Network (NWHIN) .....	5
BioSense .....	5
National Healthcare Safety Network (NHSN) .....	6
IHE initiative – technical framework as basis for connectathons .....	6
Newborn Screening (NDBS) Implementation Guide Project .....	7
Cancer Reporting .....	7
Electronic Laboratory Reporting Initiatives .....	7
Laboratory Technical Implementation Assistance Public Health (LTIAPH).....	8
PHLIP ETOR.....	8
PHLIP ETOR/PHLISSA.....	9
PHLIP ELSM .....	9
LIMS Integration (LIMSi) .....	10
PHLIS .....	10
NAHLN .....	11

<b>Surescripts - Lab Grant</b>	
<b>Sponsor:</b>	SureScripts - funding by CDC Cooperative Agreement
<b>Start date:</b>	(2-year period)
<b>End date:</b>	
<b>Participants/stakeholders:</b>	Hospital Labs, Public Health Agencies, Vendor (SureScripts)
<b>Open to additional participants?</b>	Y
<b>Project type</b>	Working data exchange from EHRs to PH Agencies
<b>Project Stage</b>	Initial implementation
<b>Description:</b>	Connect 500 hospital labs to public health agencies. Accelerate hospital adoption of EHR technology and addresses one of the meaningful use menu items
<b>Contact info:</b>	
<b>Related URLs:</b>	
<b>Additional Information:</b>	100 hospitals must be Critical Access Hospitals (CAH). Partnering with the American Hospital Association (AHA) and the College of American Pathologists (CAP) for outreach and recruitment of hospital labs as well as transform local codes to standard codes as needed. CAP will be assisting with code translation; SureScripts will transport. Sending and receiving organizations are responsible for generating message which may include working with system vendors. Related to Meaningful Use.
<b>Relationship to ELR Taskforce:</b>	Provide input as to specific message type (structure), content, and vocabulary to encode in the data exchange. May want to work closely with SureScripts during this effort and/or establish relationships with CAP, Senders, and Receivers to assist with message generation and encoding.

<b>S&amp;I framework - Lab Results Interface(LRI) Initiative</b>	
<b>Sponsor:</b>	ONC HL7 Orders and Observations WG
<b>Start date:</b>	Jan 2011 4/25/2011
<b>End date:</b>	Dec 2011 3/12/2012 – last meeting listed – ongoing meetings to collect errata as needed
<b>Participants/stakeholders:</b>	Labs, Vendors, SDOs
<b>Open to additional participants?</b>	Yes; S&I Initiatives have an open invitation and public-facing wiki pages
<b>Project type</b>	Standard guidance only  Proof of Concept Balloted as DSTU at HL7 in May 2012, ongoing Change request collection and pilot implementation, part of final rule for MU stage 2 Proof of Concept Balloted as DSTU at HL7 in May 2012, ongoing Change request collection and pilot implementation, part of final rule for MU stage 2
<b>Project Stage</b>	Discovery

<b>S&amp;I framework – Lab Results Interface(LRI) Initiative</b>	
	Pilot
<b>Description:</b>	<p>Create a single HL7 v2.5.1 implementation guide suitable for Meaningful Use and harmonize required vocabulary for ambulatory lab results reporting in primary care domain</p> <ul style="list-style-type: none"> <li>• Address the challenge of lab reporting to ambulatory primary care providers. This will be driven primarily by the needs of internal medicine, family practice and pediatrics, but may also be leveraged by other providers and settings.</li> <li>• Optionally: enable pilots that demonstrate electronic results delivery through the agreed-upon standard, including linkages with directories and transport</li> </ul>
<b>Contact info:</b>	Hans Buitendijk ( <a href="mailto:hans.buitendijk@siemens.com">hans.buitendijk@siemens.com</a> ) Ken McCaslin ( <a href="mailto:Kenneth.H.McCaslin@questdiagnostics.com">Kenneth.H.McCaslin@questdiagnostics.com</a> )
<b>Related URLs:</b>	<a href="http://jira.siframework.org/wiki/display/SIF/Lab+Results+Interface+%28LRI%29+Initiative">http://jira.siframework.org/wiki/display/SIF/Lab+Results+Interface+%28LRI%29+Initiative</a> LRI guide DSTU: <a href="http://www.hl7.org/implement/standards/product_brief.cfm?product_id=279">http://www.hl7.org/implement/standards/product_brief.cfm?product_id=279</a> <a href="http://wiki.siframework.org/Lab+Results+Interface+%28LRI%29+Initiative">http://wiki.siframework.org/Lab+Results+Interface+%28LRI%29+Initiative</a>
<b>Additional Information:</b>	<p>Organized into several sub-work groups: Use case WG - first active, Harmonization WG, Implementation WG</p> <p>Output will set the direction of Meaningful Use.</p>
<b>Relationship to ELR Taskforce:</b>	<p>The outcome of the S&amp;I Framework - LRI Initiative may directly impact the work of the ELR Taskforce, to the extent that the output of this effort may replace the use of the ELR Implementation Guide. ELR Taskforce needs to monitor and participate in this initiative.</p>
<b>Meaningful Use Alignment:</b>	<p>Incorporate lab results into EHR as structured data. Supports objectives for Decision Support, Quality Reporting, Transitions in Care, and Electronic copies of Clinical Summaries and Discharge Instructions.</p>

<b>Maine Public Health Lab- Electronic Test Order &amp; Result (ETOR)</b>	
<b>Sponsor:</b>	ME PHL
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	Larger submitters to ME PHL (providers)
<b>Open to additional participants?</b>	
<b>Project type</b>	Production
<b>Project Stage</b>	Planning
<b>Description/Purpose</b>	Enable electronic test orders and results (ETOR) between the Maine public health lab and their larger test order submitters (providers).
<b>Contact info:</b>	

<b>Maine Public Health Lab- Electronic Test Order &amp; Result (ETOR)</b>	
<b>Related URLs:</b>	
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b> Can be used for source of information to nationwide ELR taskforce efforts. This would ensure that nationwide efforts are informed by and, if possible, consistent with state and local data exchange efforts.	

<b>Blood lead testing</b>	
<b>Sponsor</b>	(various jurisdictions)
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants? Y/N</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description</b>	
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information</b>	
<b>Relationship to ELR Taskforce:</b> May be source of information; ELR Taskforce's efforts should be comprehensive enough to cover blood lead testing.	

<b>Environmental Public Health Tracking Network (EPHTN)</b>	
<b>Sponsor</b>	
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants? Y/N</b>	
<b>Project type</b>	
<b>Project stage</b>	Production
<b>Description/Purpose</b>	Develop a network of stateholders to provide Environmental public health tracking. The ongoing collection, integration, analysis, and interpretation of data about the following factors: Environmental hazards, Exposure to environmental hazards, Health effects potentially related to exposure to environmental hazards
<b>Contact info</b>	
<b>Related URLs</b>	<a href="http://www.cdc.gov/nceh/tracking/">http://www.cdc.gov/nceh/tracking/</a>
<b>Additional Information:</b>	

### Environmental Public Health Tracking Network (EPHTN)

"The EPHT Program has been established to address the issues of environmental public health tracking. The EPHT Network will make data and tools available to support the EPHT Program and other public health and environmental health programs. It will be a distributed, secure, web-based network that will provide access to environmental and health data that are collected by a wide variety of agencies. The Network will comprise of individual state networks and a national network, and will comply with Public Health Information Network (PHIN) standards and be able to exchange data with the Environmental Protection Agency (EPA) Exchange Network, where applicable." (EPHTN Vision, Version 1, 10/20/2004)

#### Relationship to ELR Taskforce:

Minimum. May want to use EPHT as a reference to inform environmental data exchange efforts; however, current ELR Taskforce efforts are focused on Meaningful Use and, therefore, Clinical data.

### Nationwide Health Information Network (NwHIN)

<b>Sponsor</b>	ONC
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants? Y/N</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description/Purpose</b>	<ul style="list-style-type: none"> <li>a. NwHIN – had message specs and transport</li> <li>b. Direct project (email base transport mechanism) – lab result to PH agency – for select reportable diseases – is this only transport level or does it include payload specs; push mechanism, adding query?</li> <li>c. NwHIN connect – transport mechanism and message specs and subscribe and publish</li> </ul>
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

### BioSense

<b>Sponsor</b>	CDC
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	Large lab systems (LabCorp, etc) CDC BioSense Program
<b>Open to additional participants? Y/N</b>	
<b>Project type</b>	
<b>Project stage</b>	Production

<b>BioSense</b>	
<b>Description/Purpose</b>	Collect de-identified lab data from large lab systems for surveillance purposes.
<b>Contact info</b>	Taha Kass-hout
<b>Related URLs</b>	
<b>Additional Information:</b> BioSense also receives ADT messages from emergency departments for surveillance purposes; this is in addition to the lab information.	
<b>Relationship to ELR Taskforce:</b>	

<b>National Healthcare Safety Network (NHSN)</b>	
<b>Sponsor</b>	CDC
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	CDC NHSN Program Hospitals
<b>Open to additional participants?</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description/Purpose</b>	
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>IHE initiative – technical framework as basis for connectathons</b>	
<b>Sponsor</b>	Integrating the Healthcare Enterprise – member based organization
<b>Start dates</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants?</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description/Purpose</b>	Message profiles and CDA specifications. Discussion about orders
<b>Contact info</b>	
<b>Related URLs</b>	<a href="http://www.ihe.net/Technical_Framework/index.cfm#laboratory">http://www.ihe.net/Technical_Framework/index.cfm#laboratory</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

## IHE initiative – technical framework as basis for connectathons

<b>Newborn Screening (NDBS) Implementation Guide Project</b>	
<b>Sponsor</b>	NLM
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants?</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description</b>	Originally there were 2 groups working on result reporting, one using HL7 v2.3.1 PHLIP ELSM guide as basis the other defining a v2.5.1 guide with related vocabulary
<b>Contact info</b>	Rebecca Goodwin, Clem McDonald. newbornscreeningcodes@nlm.nih.gov
<b>Related URLs</b>	<a href="http://newbornscreeningcodes.nlm.nih.gov/">http://newbornscreeningcodes.nlm.nih.gov/</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>Cancer Reporting</b>	
<b>Sponsor</b>	NACCRR (North American Association of Central Cancer Registries)
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	
<b>Open to additional participants?</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description</b>	
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information:</b> 2.5.1 implementation guide	
<b>Relationship to ELR Taskforce:</b>	

<b>Electronic Laboratory Reporting Initiatives</b>	
<b>Sponsor</b>	State-based initiatives
<b>Start date</b>	
<b>End date</b>	

<b>Electronic Laboratory Reporting Initiatives</b>	
<b>Participants/stakeholders</b>	state and local PHDs, National labs, hospital labs, PHLs
<b>Open to additional participants?</b>	
<b>Project type</b>	
<b>Project stage</b>	
<b>Description/Purpose</b>	<p>Several states have ELR in production:</p> <ul style="list-style-type: none"> <li>• NY ELR (PHL and all labs in NY state to DPH (web page, HL7 2.3.z, ASCI file, in production) (See post by Charles Fisher above!),</li> <li>• WA ELR (labs HL7 up to v2.4 in production, will upgrade to v2.5.1 and v2.6, PHL result reporting v2.5.1 planned),</li> <li>• Also in use by several states is the NEDSS v2.3.z 1997 guide that takes ELR messages into the NEDSS based system for case reporting HL7 v2.3.1 ORU^R01 guide by PHIN in 2005 HL7 v2.5.1 ORU R01 guide by HL7 in 2010</li> </ul>
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information:</b> The ELR survey contains information about how many states, what HL7 message etc	
<b>Relationship to ELR Taskforce:</b>	

<b>Laboratory Technical Implementation Assistance Public Health (LTIAPH)</b>	
<b>Sponsor</b>	APHL, funded through Cooperative agreement by CDC; ARRA grant
<b>Start date</b>	August 2010
<b>End date</b>	July 2012
<b>Participants/stakeholders</b>	PHL, PHD, PHD partners, PHL partners
<b>Open to additional participants?</b>	N
<b>Project type</b>	Production
<b>Project stage</b>	Data exchange development
<b>Description</b>	Support grantees with ELR capabilities using ELR v2.5.1 guide MU related. Companion grant is the LIC grant for hospital senders
<b>Contact info</b>	<a href="mailto:michelle.meigs@aphl.org">michelle.meigs@aphl.org</a>
<b>Related URLs</b>	
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>PHLIP ETOR</b>	
<b>Sponsor</b>	APHL, funded through Cooperative agreement by CDC; Panflu grant



<b>PHLIP ETOR</b>	
<b>Start date</b>	August 2008
<b>End date</b>	June 2009
<b>Participants/stakeholders</b>	PHL to PHL – FL-TX and IA-NE-MN
<b>Open to additional participants? Y/N</b>	N; completed
<b>Project type</b>	proof of concept
<b>Project stage</b>	
<b>Description</b>	PHL to PHL for Influenza orders under surge capacity and related results HL7 v2.6 OML and OUL – bidirectional, in implementation
<b>Contact info</b>	<a href="mailto:michelle.meigs@aphl.org">michelle.meigs@aphl.org</a>
<b>Related URLs</b>	For project members – SharePoint access: <a href="http://www.aphlweb.org/aphl_departments/Strategic_Initiatives_and_Research/Informatics_Program/Projects/PHLIP/VMWG/ETOR">http://www.aphlweb.org/aphl_departments/Strategic Initiatives and Research/Informatics Program/Projects/PHLIP/VMWG/ETOR</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>PHLIP ETOR/PHLISSA</b>	
<b>Sponsor</b>	APHL, funded through Cooperative agreement by CDC; ARRA grant money on CDC side
<b>Start date</b>	August 2008
<b>End date</b>	June 2011 (funded)
<b>Participants/stakeholders</b>	PHL to CDC EPI for PHLIP ETOR
<b>Open to additional participants?</b>	yes
<b>Project type</b>	
<b>Project stage</b>	in implementation for phase 1
<b>Description</b>	PHL to CDC lab for Salmonella orders and related results HL7 v2.6 OML and OUL – bidirectional, in implementation
<b>Contact info</b>	<a href="mailto:michelle.meigs@aphl.org">michelle.meigs@aphl.org</a>
<b>Related URLs</b>	For project members – SharePoint access <a href="http://www.aphlweb.org/aphl_departments/Strategic_Initiatives_and_Research/Informatics_Program/Projects/PHLIP/ETOR/default.aspx">http://www.aphlweb.org/aphl_departments/Strategic Initiatives and Research/Informatics Program/Projects/PHLIP/ETOR/default.aspx</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>PHLIP ELSM</b>	
<b>Sponsor</b>	APHL, funded through Cooperative agreement by CDC
<b>Start date</b>	September 2006
<b>End date</b>	June 2011 (funded)

<b>PHLIP ELSM</b>	
<b>Participants/stakeholders</b>	PHLbs, CDC EPI, Influenza Division
<b>Open to additional participants? Y/N</b>	Yes
<b>project type (for production, proof of concept, theory)</b>	
<b>Feb2011</b>	22 states in production, 10 in validation, 17 in development
<b>Description</b>	Influenza results HL7v2.3.1 ORU^R01 – in production in 21 PHLs)
<b>Contact info</b>	michelle.meigs@aphl.org
<b>Related URLs</b>	For project members – SharePoint access: <a href="http://www.aphlweb.org/aphl_departments/Strategic_Initiatives_and_Research/Informatics_Program/Projects/PHLIP/ELSM/default.aspx">http://www.aphlweb.org/aphl_departments/Strategic_Initiatives_and_Research/Informatics_Program/Projects/PHLIP/ELSM/default.aspx</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>LIMS Integration (LIMSi)</b>	
<b>Sponsor</b>	CDC
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	PHL, LRN program CDC
<b>Open to additional participants?</b>	N
<b>project type</b>	Production
<b>Project stage</b>	Pilot production completed; 2nd group in exchange development
<b>Description</b>	LRN labs to CDC LRN program result reporting HL7v2.5 OUL – in production
<b>Contact info</b>	
<b>Related URLs</b>	
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b>	

<b>PHLIS</b>	
<b>Sponsor</b>	CDC
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	PHL, CDC EPI – Influenza, enteric, Rabies
<b>Open to additional participants?</b>	N
<b>Project type</b>	Production
<b>Project stage</b>	Sunset

<b>PHLIS</b>	
<b>Description/Purpose</b>	"Public Health Laboratory Information System (PHLIS) is a PC-based software application designed for use in Public Health Laboratories for the reporting and analysis of a variety of conditions of public health importance which have a significant laboratory testing component." (CDC Wonder: Public Health Laboratory Information System, <a href="http://wonder.cdc.gov/wonder/sci_data/misc/type_txt/phlis.asp">http://wonder.cdc.gov/wonder/sci_data/misc/type_txt/phlis.asp</a> )
<b>Contact info</b>	
<b>Related URLs</b>	<a href="http://wonder.cdc.gov/wonder/sci_data/misc/type_txt/phlis.asp">http://wonder.cdc.gov/wonder/sci_data/misc/type_txt/phlis.asp</a>
<b>Additional Information:</b> Uses PHINMS to exchange a text-based (CSV) file	
<b>Relationship to ELR Taskforce:</b> Little to none; PHLIS is currently in sunset phase and being replaced by messaging.	

<b>NAHLN</b>	
<b>Sponsor</b>	USDA
<b>Start date</b>	
<b>End date</b>	
<b>Participants/stakeholders</b>	Animal Health lab to Nat USDA repository
<b>Open to additional participants?</b>	N
<b>Project type</b>	Production
<b>Project stage</b>	
<b>Description/Purpose</b>	Animal Health lab to Nat USDA repository result reporting HL7 v2.6 OPU – in production
<b>Contact info</b>	USDA/APHIS/VSNVSL, 1920 Dayton Avenue (packages), P.O. Box 844 (letters), Ames, IA 50010; NAHLN Phone: (515) 337-7731; Fax: (515) 337-7397; NAHLN Email address: <a href="mailto:nahln@aphis.usda.gov">nahln@aphis.usda.gov</a>
<b>Related URLs</b>	<a href="http://www.aphis.usda.gov/animal_health/nahln/">http://www.aphis.usda.gov/animal_health/nahln/</a> , <a href="http://vtsl.vetmed.vt.edu/nahln/main.cfm">http://vtsl.vetmed.vt.edu/nahln/main.cfm</a>
<b>Additional Information:</b>	
<b>Relationship to ELR Taskforce:</b> Minimum. May want to use EPHT as a reference to inform environmental data exchange efforts; however, current ELR Taskforce efforts are focused on Meaningful Use and, therefore, Clinical data.	