

Florida Health Information Exchange (HIE)

Quarterly Plan Report

Contract No. EXD027

August 15, 2014

(Ref. EXD027 Attach. I, Pg. 21 Reporting)



Florida HIE Quarterly Planning Report

1. Summary of Quarterly Activities

The following activities have been completed during the thirteenth quarter of execution of the Florida Health Information Exchange (Florida HIE) program. This covers the period from May 1, 2014 through July 31, 2014.

The development team continued to work on enhancements to the Direct Secure Messaging (DSM) software and completed an application to automate deleting deactivated accounts in anticipation of the DSM transition to the new Direct Messaging vendor Inpriva; researched, purchased, and replaced lower cost certificates for those that expired in June and sent the self signed trust anchor certificate to the connected Health Information Service Providers (HISPs); and started moving the reverse proxy application to the Patient Look-Up HQ machine to reduce costs for sustainment. The development team worked on the transition of Direct Secure Messaging (DSM) by deleting accounts and emails (with backup) as requested by AHCA. A copy of the exchange mail database was provided to the new Direct Messaging vendor Inpriva. An archive retrieval request was received by the Agency for Persons with Disabilities (APD). Health Information Service Providers (HISPs) were notified of the termination of DSM. DSM registrants totaled 9,579 and 4,934 transactions occurred during this period.

The Event Notification Service (ENS) continued sending ADT feeds from Broward Health to WellCare health plan through the end of June. An updated patient panel from Wellcare was loaded to ENS. There were 71 ENS transactions sent through DSM to WellCare and 26 summary emails sent to Broward Health in June. The ENS development team prepared for upcoming connectivity sessions with Florida Hospital/Adventist Health System and Bethesda Health. The team is investigating software configurations and started formalizing internal documentation to support the increased data source count.

Bethesda Health went live on the Patient Look-Up (PLU) Service on May 15, 2014 and Senior Home Care - an affiliate of Kindred at Home) went live on the Patient Look-Up (PLU) Service on July 21, 2014 joining Strategic Health Intelligence, Atlantic Coast HIE, Florida Hospital, UF Health, Broward Health, and Martin Health System. PLU produced 2,057 successful transactions during the month of July. The PLU deployment team continued onboarding progress with the Department of Health (DOH), Community Health System (CHS), Orlando Health, and Tampa Bay Regional Health Information Organization; supported patient matching assessments and provided time estimates for different patient consent document retrieval scenarios to support the Social Security Administration (SSA) implementation. In addition the PLU deployment team facilitated and supported the PLU Technical User Group. The Florida HIE went live as a participant on the eHealth Exchange on July 17, 2014.

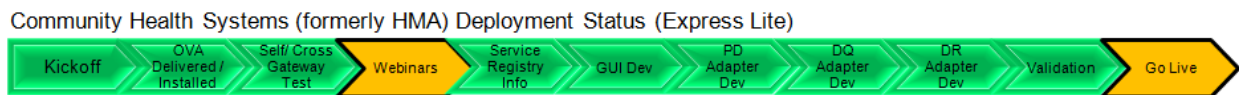
The remaining Deployment and Outreach Subcontractor is CHS (formerly HMA) and has one final milestone (PLU onboarding) to complete.

2. Adoption and Utilization Statistics

a) PLU Deployments

- Production Deployments
 - Strategic Health Intelligence (SHI)
 - Cogon assisted with Healthway setup smoke testing
 - Provided information about planned SSA architecture
 - Atlantic Coast HIE (ACH)
 - Supported testing with Bethesda Health
 - Replaced vendor test certificate in test Express Lite
 - Florida Hospital
 - Supported multiple working sessions to test queries to/from Harris in test environment
 - UF Health
 - Provided support to document storage architecture
 - Facilitated meeting where node attempted to query Community Health Systems (CHS) which resulted in a successful document retrieve
 - Coordinated for site to participate in CHS senior management demo
 - Coordinated for site to configure Senior Home Care for production smoke test
 - Broward Health
 - Received more patient discovery (PD) performance metrics with increased sampling of data
 - Helped resolve why node could not query Florida Hospital in test
 - Started communications to renew Digicert certificate in September
 - Martin Health
 - Started communications to renew Digicert certificate in September
 - Bethesda Health
 - Went live in production on May 15, 2014
 - Presented Privacy Manager webinar
 - Started training providers
 - Identified issue with installed performance audit transfer manager (PATM) application – caused by order of updates
 - Deployed latest audit log transfer manager (ALTM) and performance audit transfer manager (PATM) libraries

- Started communications with site about outstanding validation issues after notice of production software upgrade
- Senior Home Care
 - Went live on PLU on July 21, 2014
 - Tested Express Lite connection to production database
 - Installed Digicert certificate
 - Supported vendor testing to prove C32 document retrieved in production
 - Supported vendor testing for patient match when SSN is null/empty
 - Published to Service Registry
 - Configured audit data to send to FairWarning
- Deployments near completion
 - Community Health Systems (CMS) formerly known as Health Management Associates (HMA)
 - Installed Medicity patch in certification environment to be able to respond to queries
 - Confirmed test machine Express Lite configuration
 - Configured Express Lite with new Medicity endpoints
 - Ingested test patient into Medicity Certificate environment
 - Analyzed patient discovery, document query, retrieve document (PD,QD,RD) responses
 - Supported production readiness activities (installed Digicert certificate, configured Express Lite, prepped for service registry publication, etc.)
 - Completed security assessment form per node’s request
 - Supported site's demo with senior management and follow-up questions
 - Supported meeting to address questions about Florida HIE policies and procedures



- Deployments in work
 - Department of Health (DOH)
 - Facilitated meeting between Mirth and DOH about how to load clinical data into Mirth software from DOH’s EHR
 - Continued on additional rounds of system testing
 - Facilitated discussions between Mirth and node to troubleshoot slow loading of patient demographics and resolved issue
 - Per node request, started effort to measure load of clinical documents into Mirth products
 - Per site request, supported C32 testing by loading large patient demographic set into Express Full

- Supported testing of SSN display in Mirth Results (Express Full)
- Naples Community Hospital
 - Notified Harris that they will not continue onboarding at this time
- Orlando Health
 - Started testing between Harris reference test system (RTS) and dbMotion software directly
 - Completed PD, QD, RD with some workarounds
 - Worked external MySQL (database - structured query language) configuration with secure socket layer (SSL)
 - Worked several message issues (security-related) with vendor dbMotion (resolved)
 - Configured Express Lite as a passthrough
 - Completed multi-stage connectivity testing
 - Completed passthrough connectivity testing
 - Started Pre-validation
- Florida Accountable Care Services (ACO)
 - No requests for support this period
- Tampa Bay Regional Health Information Organization (RHIO)
 - Waiting for code enhancement from subcontractor (BrowserSoft)
 - Created accounts on Partner SharePoint
- Community Health IT (Relay Health)
 - Accepted as an early adopter to the Florida HIE

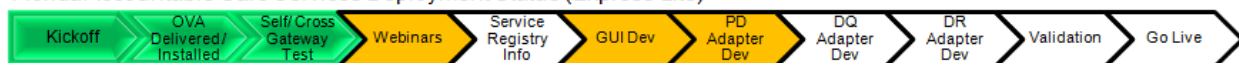
DOH Deployment Status (Express)



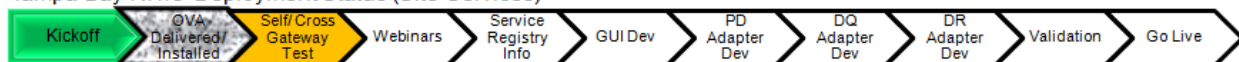
Orlando Health (Express Lite)



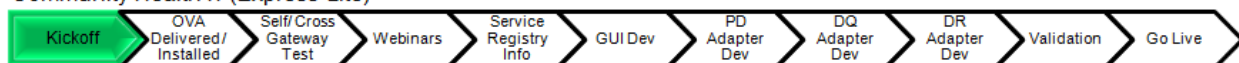
Florida Accountable Care Services Deployment Status (Express Lite)



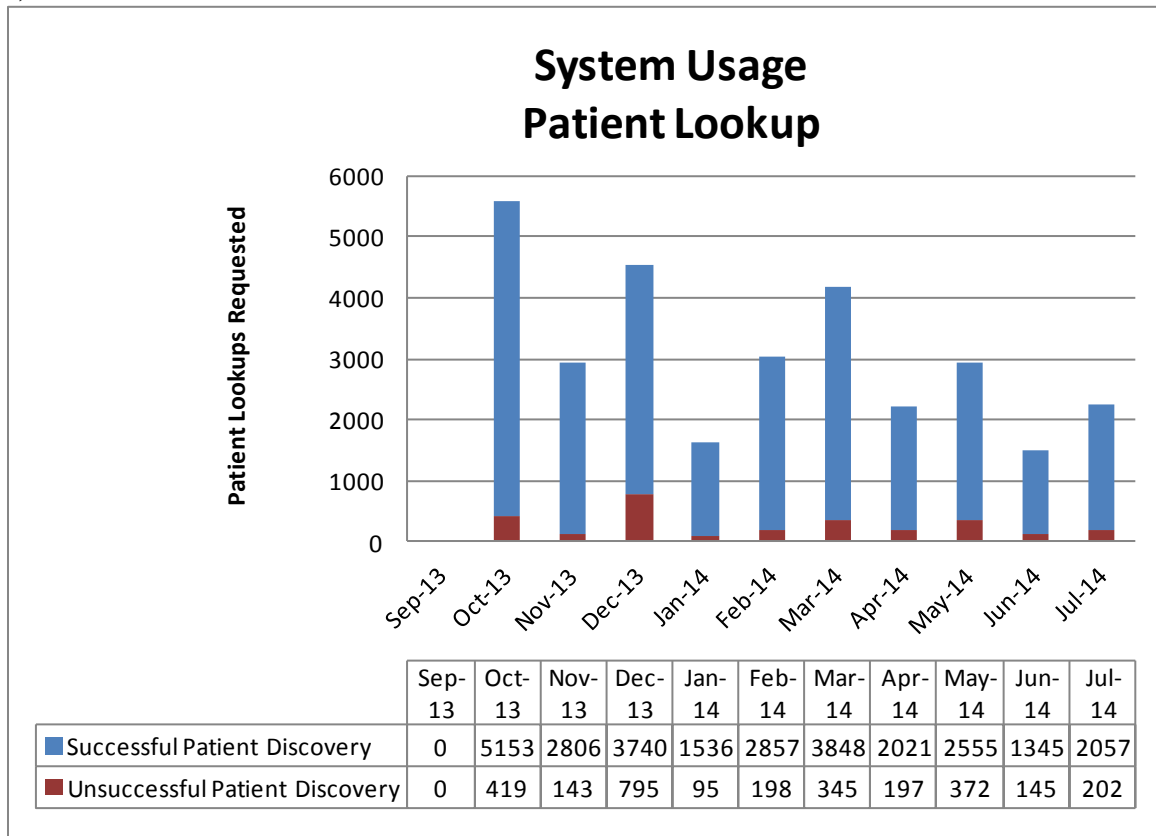
Tampa Bay RHIO Deployment Status (Site Services)



Community Health IT (Express Lite)



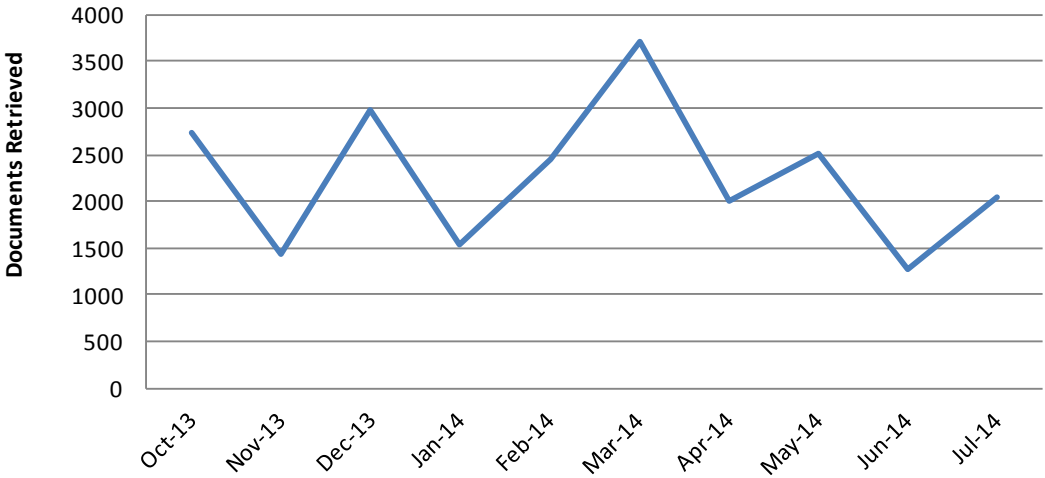
b) PLU Transactions



July 2014 Node Inbound Transactions

Node	Successful	Unsuccessful	Total Inbound Patient Discovery
SHI	2	13	15
ACH	1	14	15
UF Health	4	13	17
FH	0	6	6
Broward Health	2047	120	2167
Martin Health System	0	16	16
Bethesda Health	0	16	16
Senior Home Care	3	4	7

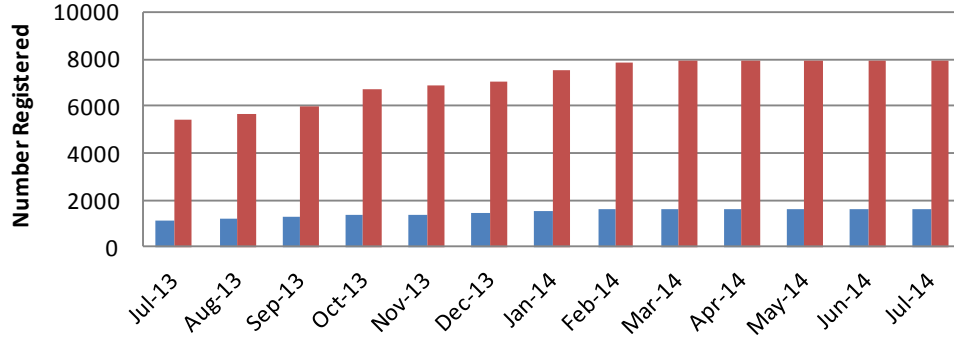
Transactions Processed Patient Lookup



	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
— Documents Retrieved	2730	1431	2990	1533	2444	3715	2010	2522	1281	2045

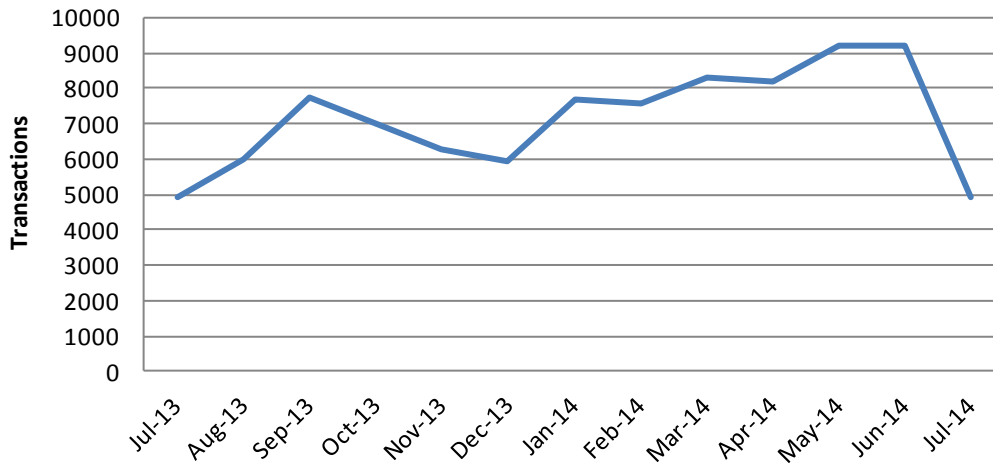
c) DSM Registrants and Transactions

System Usage DSM Total Registered Users



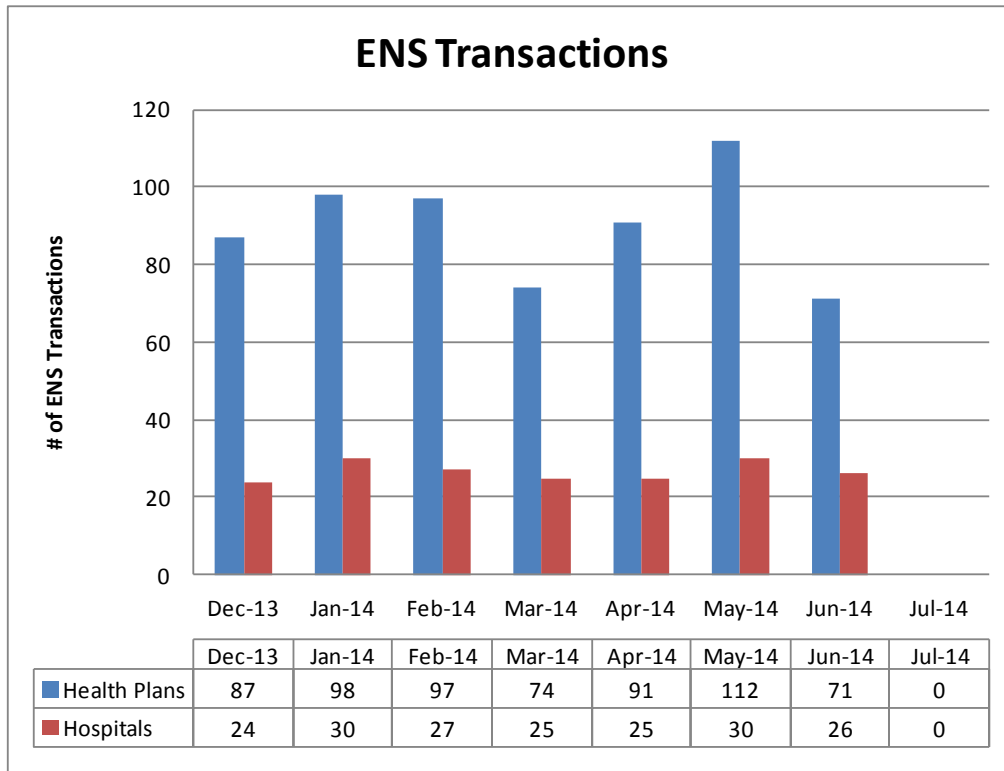
	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
Registered Orgs/Sub Orgs	1132	1230	1300	1369	1411	1434	1515	1585	1610	1618	1615	1614	1615
Registered Individuals	5452	5659	6007	6689	6904	7024	7519	7827	7948	7965	7965	7957	7964

Transactions Processed Direct Secure Messaging



	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
Transactions: # of Mgs Sent	4922	5964	7732	6989	6288	5943	7673	7581	8303	8164	9195	9228	4934

d) ENS Transactions



- Health Plans enrolled
 - None
- Hospitals enrolled
 - Broward Health
 - Florida Hospital/Adventist Health System
 - Parrish Medical Center
 - Bethesda Health
 - Tampa General Hospital
 - Bay Care Health System

