

**Florida Health Information Exchange (HIE)**

**Quarterly Plan Report**

**Contract No. EXD027**

**February 20, 2015**

**(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 fifteenth quarter of execution of the Florida Health Information Exchange (Florida HIE) program. This covers the period from November 1, 2014 through January 31, 2015.

For the Event Notification Service (ENS) the development team held connectivity sessions to connect hospital data sources for admit, discharge, and transfer (ADT) feeds to the Florida HIE ENS. By the end of January 100% of the hospitals (203) completed test connections and of those 128 (63%) connected to ENS in production. WellCare and Sunshine Health Plan signed on as participants for ENS. There were no ENS transactions this period.

Orlando Health went live on the Patient Look-Up (PLU) Service on December 8, 2014 joining Strategic Health Intelligence, Atlantic Coast HIE, Florida Hospital/Adventist Health System, UF Health, Broward Health, Martin Health System, Bethesda Health, and Senior Home Care – (an affiliate of Kindred at Home). PLU produced 464 successful transactions during the month of January. The PLU deployment team continued onboarding progress with the Department of Health (DOH), Community Health System (CHS), Tampa Bay Regional Health Information Organization (RHIO), and Community Health IT. The team participated in the PLU User Group meetings in December and facilitated the Technical User Group meeting in January.

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)
    - Assisted in trouble shooting SHI's hybrid service
    - Discussed CCD issue with Smartronix (vendor)
  - Atlantic Coast HIE (ACH)
    - Resolved issue that prevented Florida Hospital from querying ACH
    - Updated Axolotl certificate
    - Met with node about transition to new vendor
  - Florida Hospital
    - Supported smoke testing with Orlando Health
    - Resolved outbound query issue by restarting Aurion
    - Investigated intermittent query for document issue on EHR vendor side
    - Investigated test document sizes

- UF Health
  - Supported smoke testing with Florida Hospital
  - Discussed community partners plans
- Broward Health
  - No requests for support this period
- Martin Health
  - Ingested new vendor inbound certificate in production
  - Confirmed successful exchange with ACH query
- Bethesda Health
  - Resolved issue with sending audit and performance logs
  - Increased memory on Express Lite
  - Added Orlando Health to vendor portal
- Senior Home Care
  - Resolved issue with audit and performance logs
- Orlando Health
  - Went live on PLU on December 8, 2014
  - Created Privacy Manager account and sent credentials
  - Resolved Orlando Health returning internal server error to Florida Hospital
  - Discussed large documents issue
- Deployments near completion
  - Community Health Systems (CMS) formerly known as Health Management Associates (HMA)
    - Investigated cause of not receiving audit and performance logs
    - Worked with site on Node Architecture Questionnaire (NAQ)
    - Received signed PLU Subscription Agreement
    - Waiting for confirmation from node to go live

Community Health Systems (formerly HMA) Deployment Status (Express Lite)



- Deployments in work
  - Department of Health (DOH)
    - Facilitated weekly meetings
    - Supported installing latest Mirth Connect, Mirth Match and Mirth Results in production environments
    - Delivered to DOH an enhancement to age range work item filter
    - Assisted with resolving issues preventing patient imports

- Attended on-site user training meeting January 12, 2015
- Facilitated meeting between Mirth support team and DOH about patient linking
- Reviewed parts of DOH test plan
- Continue to manage all open tickets with Mirth
- Florida Accountable Care Services (ACO)
  - Received signed PLU Subscription Agreement
  - No requests for support this period
- Tampa Bay Regional Health Information Organization (RHIO)
  - Facilitated weekly meetings
  - Presented PLU several webinars
  - Introduced PLU Conformance Questionnaire
  - Resolved timeout issue that hindered outbound Patient Discovery
  - Started working through smoke tests between Tampa General Hospital and the Harris reference test system (RTS3)
  - Completed onboarding milestones through document retrieve messaging implementation
  - Prepped for TBRHIO's pre-validation
- Community Health IT (Relay Health)
  - Provided information on how to install Aurion manually
  - Provided tentative project schedule listing webinars/major tasks
  - Presented several webinars

DOH Deployment Status (Express)



Florida Accountable Care Services Deployment Status (Express Lite)



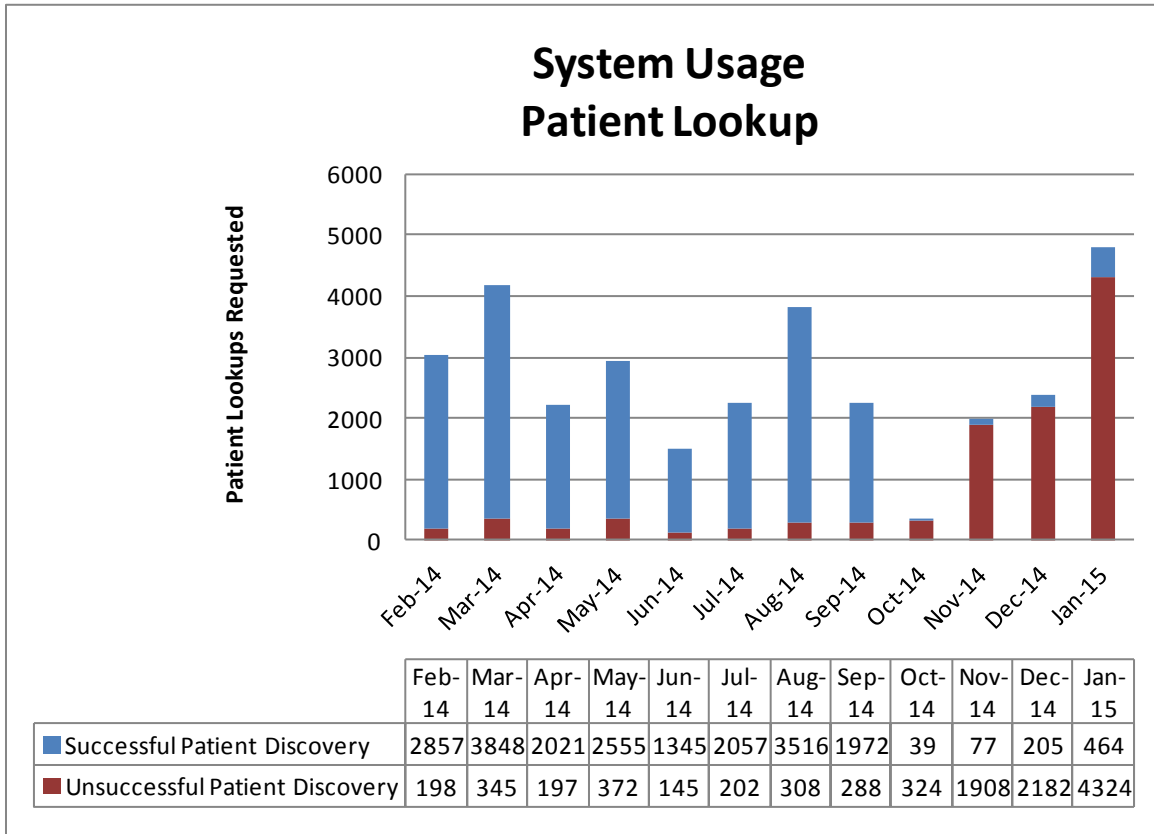
Tampa Bay RHIO Deployment Status (Site Services)



Community Health IT (Site Services)



**b) PLU Transactions**

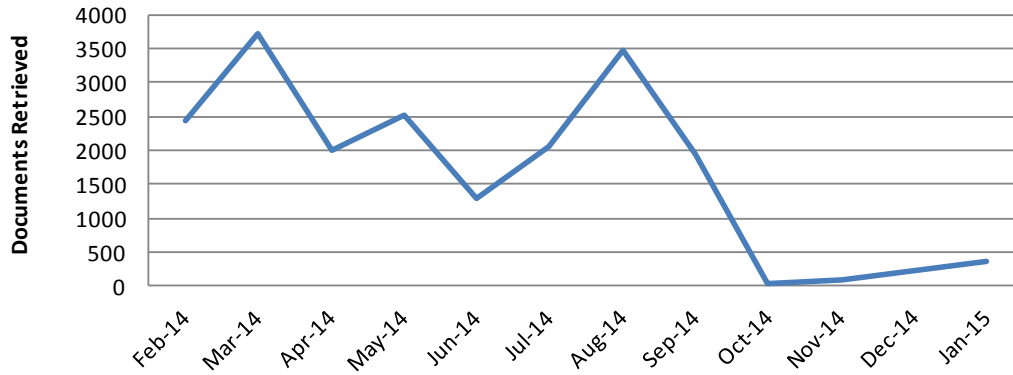


Note: Successful PDs are lower than prior periods due to a lower number of requests from SHI. All of the anesthesiologist SHI queries originate with patient data that is known to be in Broward Health.

**January 2015 Node Inbound Transactions**

Node	Successful	Unsuccessful	Total Inbound Patient Discovery
SHI	15	593	608
ACH	27	582	609
Florida Hospital	2	26	28
UF Health	0	605	605
Broward Health	11	586	597
Martin Health System	3	591	594
Bethesda Health	0	596	596
Senior Home Care	12	563	575
Orlando Health	394	182	576
Totals	464	4324	4788

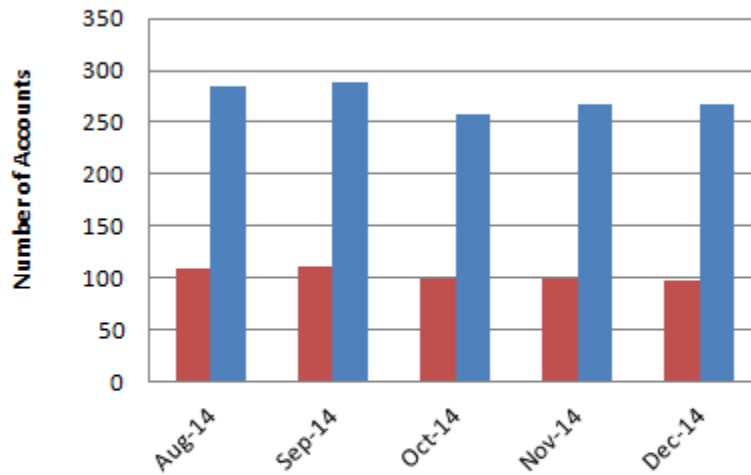
## Transactions Processed Patient Lookup



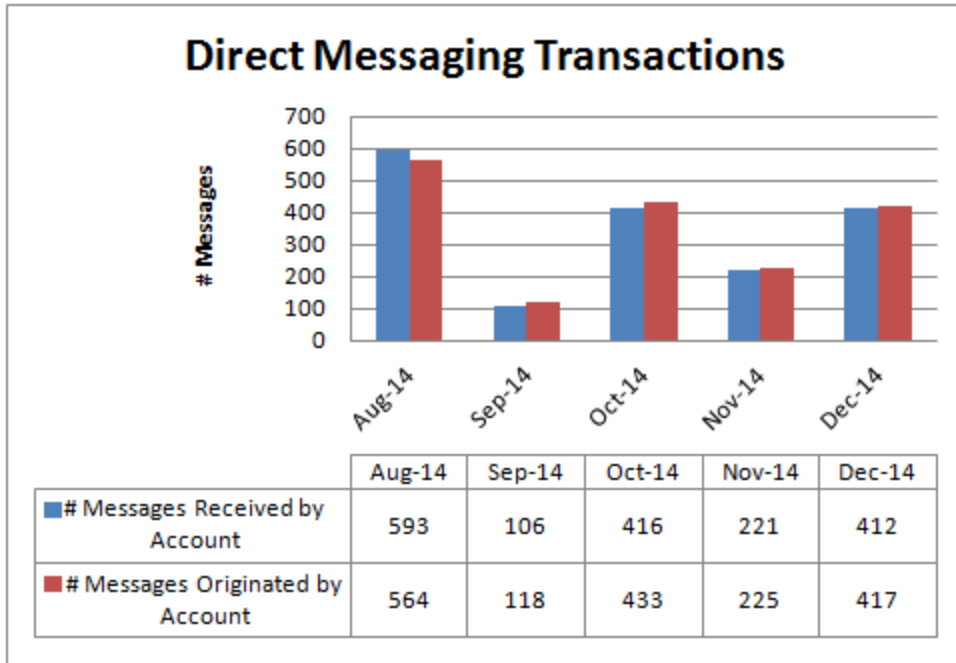
	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
Documents Retrieved	2444	3715	2010	2522	1281	2045	3479	1950	27	77	212	368

### c) Direct Messaging Registrants and Transactions

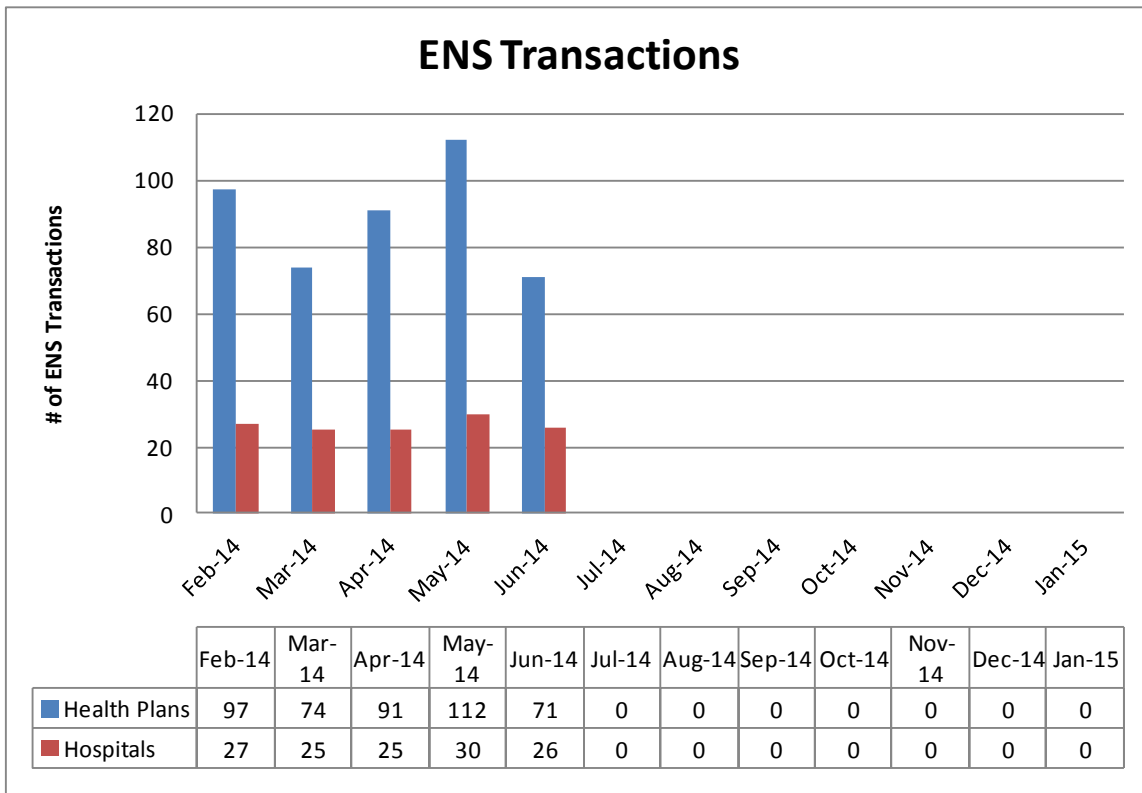
## Direct Messaging Registrants



	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Direct Messaging Accounts	109	110	100	99	98
Direct Messaging Users	284	289	258	267	268



**d) ENS Transactions**



- 2 Health Plans enrolled
  - WellCare
  - Sunshine State Health Plan
  - See ENS Deployment Plan below for details
- 203 Hospitals enrolled
  - 100% complete with test connections
  - See ENS Deployment Plan below for details
- 128 Hospitals in Production as of January 31, 2015
  - See ENS Deployment Plan below for details

### 3. Quarterly Plans

#### a) PLU Deployments

#	Facilitated On-Boarding Node Name	Go Live	Q1'13			Q2'13			Q3'13			Q4'13			Q1'14			Q2'14			Q3'14			Q4'14			Q1'15			Q2'15		
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1	Strategic Health Intelligence (SHI)	May-12	Express Lite																													
2	Atlantic Coast HIE (ACH)	Mar-13	Express Lite	-	-	X																										
3	Florida Hospital	May-13	Express Lite	-	-	-	-	X																								
4	UF Health	May-13	Express Lite	-	-	-	-	X																								
5	Broward Health	Sep-13	Site Services		X	-	-	-	-	-	X																					
6	Martin Health	Mar-14	Express Lite		X	-	-	-	-	-	-	-	-	-	X																	
7	Bethesda Health	May-14	Express Lite									X	-	-	-	-	X															
8	Senior Home Care	Jul-14	Express Lite				X	-	-	-	-	-	-	-	-	-	-	-	X													
9	Orlando Health	Dec-14	Express Lite										X	-	-	-	-	-	-	-	-	-	X									
10	Community Health Systems (CHS)		Express Lite		X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X						
11	Department of Health (DOH)		Express	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X			
12	Tampa Bay RHIO		Site Services													X	-	-	-	-	-	-	-	-	-	-	-	X				
13	Community Health IT		Site Services													X	-	-	-	-	-	-	-	-	-	-	X					
14	FL Accountable Care Services (FACS)		Express Lite						X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X				
# Concurrent				4	4	7	7	7	5	5	6	6	6	6	7	7	7	7	8	7	7	6	6	6	6	6	5	5	4	2	1	0

Note: Dates above represents best estimates for planning and logistical purposes and will be updated on an ongoing basis as new data is learned.

#### b) ENS Deployments - Hospitals

- Connect remaining data sources to production by March 31, 2015

Data Sources *	# of Hospitals	Status 1/31/15
Adventist Health System	15	Production
All Children's Health System	1	Production
Ann Bates Leach Eye Hospital	1	Production
Baker County Ed Fraser	1	Connected
Baptist Health Care	4	Connected
Baptist Health South Florida	3	Connected
Baptist Health System	5	Connected
Bartow Regional Medical Center CHS)	1	Connected
Bayfront Health Brooksville Springhill (CHS)	2	Connected
Bayfront Health St. Petersburg (CHS)	1	Production
Bay Care Health System	10	Production
Bay Medical Center	1	Connected



<b>Data Sources *</b>	<b># of Hospitals</b>	<b>Status 1/31/15</b>
Bert Fish Medical Center	1	Production
Bethesda Health	2	Production
Boca Raton Regional Hospital	1	Connected
Broward Health	4	Production
Calhoun Liberty Hospital	1	Connected
Cambellton-Graceville	1	Connected
Central Florida Health Alliance	3	Production
Citrus Memorial Health System	1	Production
Desoto Memorial Hospital	1	Production
Doctors Bonifay	1	Production
Doctors Memorial Hospital (Perry)	1	Production
Fishermen's Hospital	1	Connected
Flagler Hospital	1	Production
Florida Hospital	7	Connected
Halifax Hospital Medical Center	1	Production
HCA	44	Production
Healthcare District of Palm Beach County	1	Production
Health Central Hospital	1	Production
Health First	4	Production
Healthmark Regional Medical Center	1	Production
Hendry Regional Medical Center	1	Production
Heart of Florida (CHS)	1	Connected
Highlands Regional Medical Center (CHS)	1	Connected
H. Lee Moffitt Cancer Center	1	Connected
Indian River Memorial Hospital	1	Production
Jackson County Hospital District	1	Connected
Jackson Health System	3	Connected
Jupiter Medical Center	1	Connected
Lake Butler Hospital	1	Production
Lakeland Regional Medical Center	1	Production
Lake Wales Medical Center (CHS)	1	Production
Larkin Community Hospital	1	Connected
Lee Memorial Health System	4	Production
Lehigh Regional Medical Center (CHS)	1	Connected
Lower Keys Medical Center (CHS)	2	Connected
Madison County Hospital	1	Connected
Manatee Healthcare System	2	Production
Martin Health	3	Production
Memorial Healthcare System	5	Production
Miami Children's Hospital	1	Production
Mt. Sinai Medical Center	1	Connected

<b>Data Sources *</b>	<b># of Hospitals</b>	<b>Status 1/31/15</b>
Munroe Regional Medical Center	1	Production
Naples Community Hospital	2	Connected
Northwest Florida Community Hospital	1	Connected
Orlando Health System	6	Connected
Parrish Medical Center	1	Production
Physicians Regional Medical Center (CHS)	1	Connected
Putnam Community	1	Production
Regional General Hospital Williston	1	Connected
Sacred Heart Health System	3	Connected
Santa Rosa Medical Center (CHS)	1	Connected
Sarasota Memorial Hospital	1	Connected
Shands Lake Shore (CHS)	1	Connected
Shands Live Oak (CHS)	1	Connected
Shands Stark Regional Medical Center (CHS)	1	Connected
St. Cloud Regional Medical Center (CHS)	1	Connected
St. Vincents Health System	3	Production
Tallahassee Memorial Healthcare	1	Production
Tampa General Hospital	1	Production
Tenet Florida	10	Connected
UF Health	2	Production
University of Miami	1	Production
University of Miami Hospital & Clinics	1	Production
Weems Memorial Hospital	1	Connected
Wellington Regional Medical Center	1	Production
Wuesthoff Medical Center Melbourne (CHS)	1	Connected
Wuesthoff Medical Center Rockledge (CHS)	1	Connected

Status: Scheduled, Connected, Production

\* Executed agreement

**c) ENS Deployments – Health Plans**

<b>Organizations</b>	<b>Initial Member #</b>	<b>Target Start Date</b>
WellCare	50,000	February 2015
Sunshine State Health Plan	400,000	March 2015