



HealthInfoNet Update: Moving HIE to The Next Generation of Information Management

Devore S. Culver
November 9, 2017

First... A Personal Update



Presentation Objectives

- HIN Operations Update
- Overview New Data Types and New Service Opportunities
- Demonstrating Impact in the Behavioral Health Patient Management Space
- What is Coming in 2018

HIE Connections



Acute Care Hospitals 18

Critical Access Hospitals 16

Mental Health Hospitals 1

Ambulatory 464

Behavioral Health 143



FQHCs 68

Post-Acute Care 46

VA Locations 12

Labs 4

Health Systems 5

Emergency Medical Service 3



Pharmacy 2

Payers 1



HealthInfoNet's Statistics 2017



16.5+ million
Inbound messages/month



85,000
Patient lookups/month



45,000 real time
Patient encounter
notifications/month



500,000

Data transmissions sent to Maine CDC in support of Electronic Lab Reporting, Syndromic Surveillance and Immunization Reporting (Meaningful Use Measures)/month

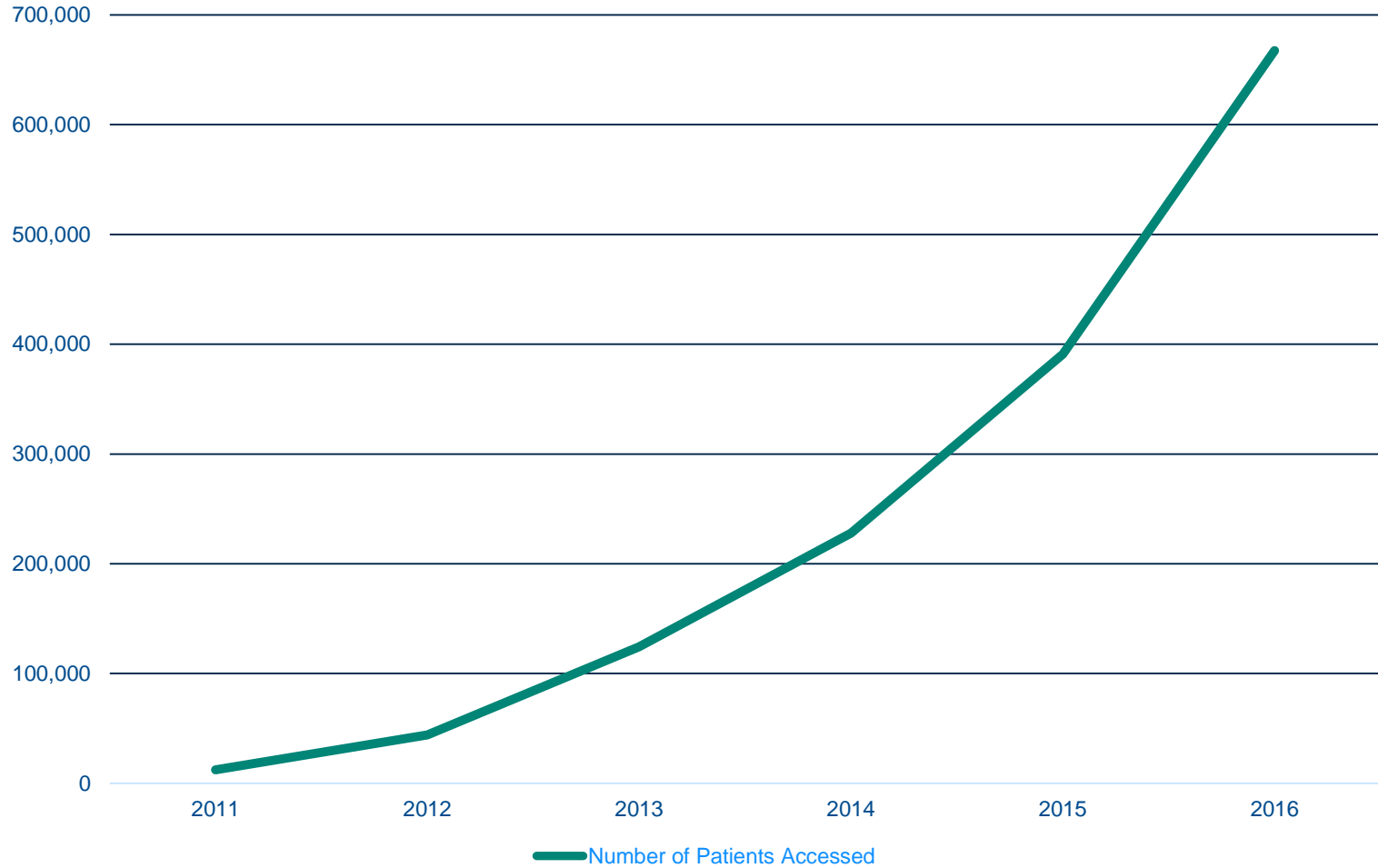


7 TB CDR
Central Data Repository size

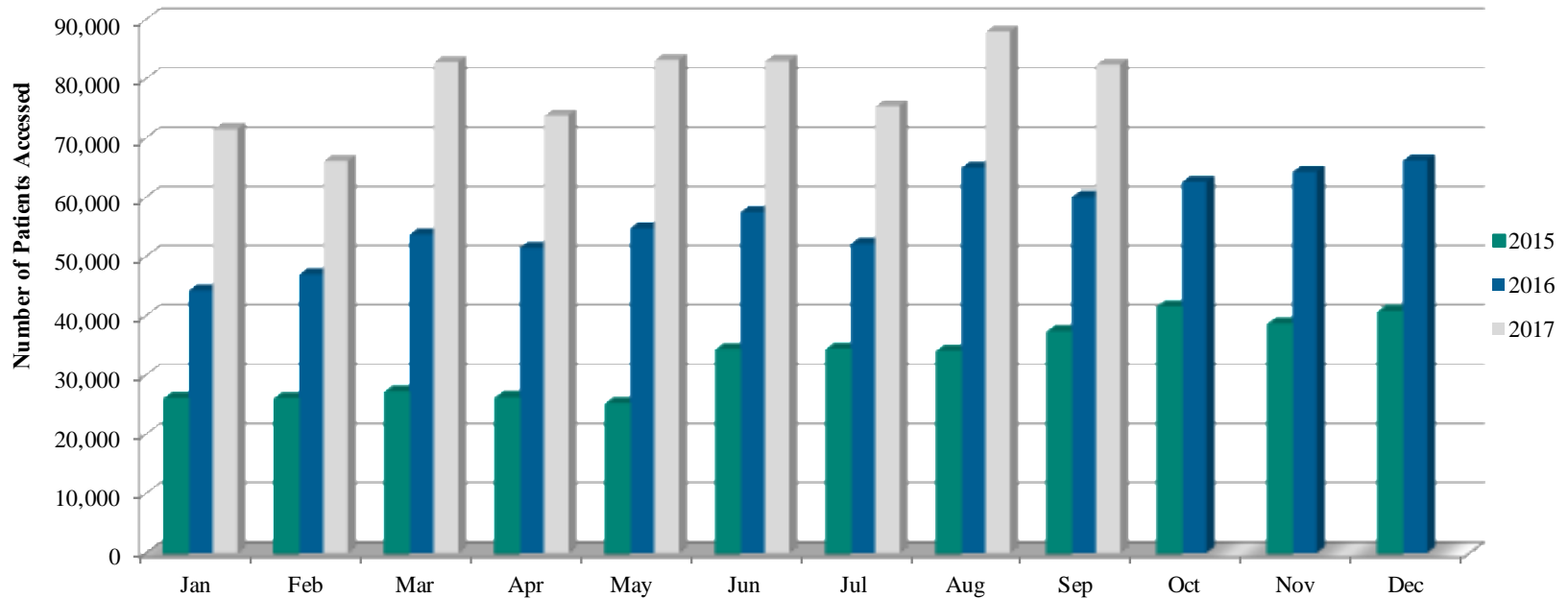


8+ GB a day
Central Data Repository
(CDR) daily growth

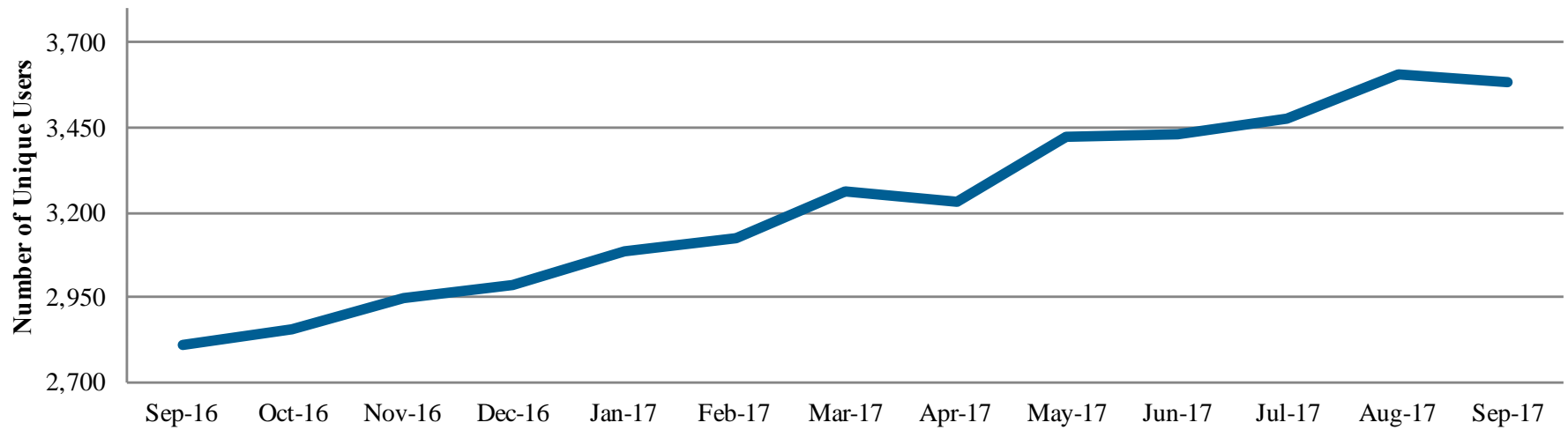
HIE Usage 2011-2016



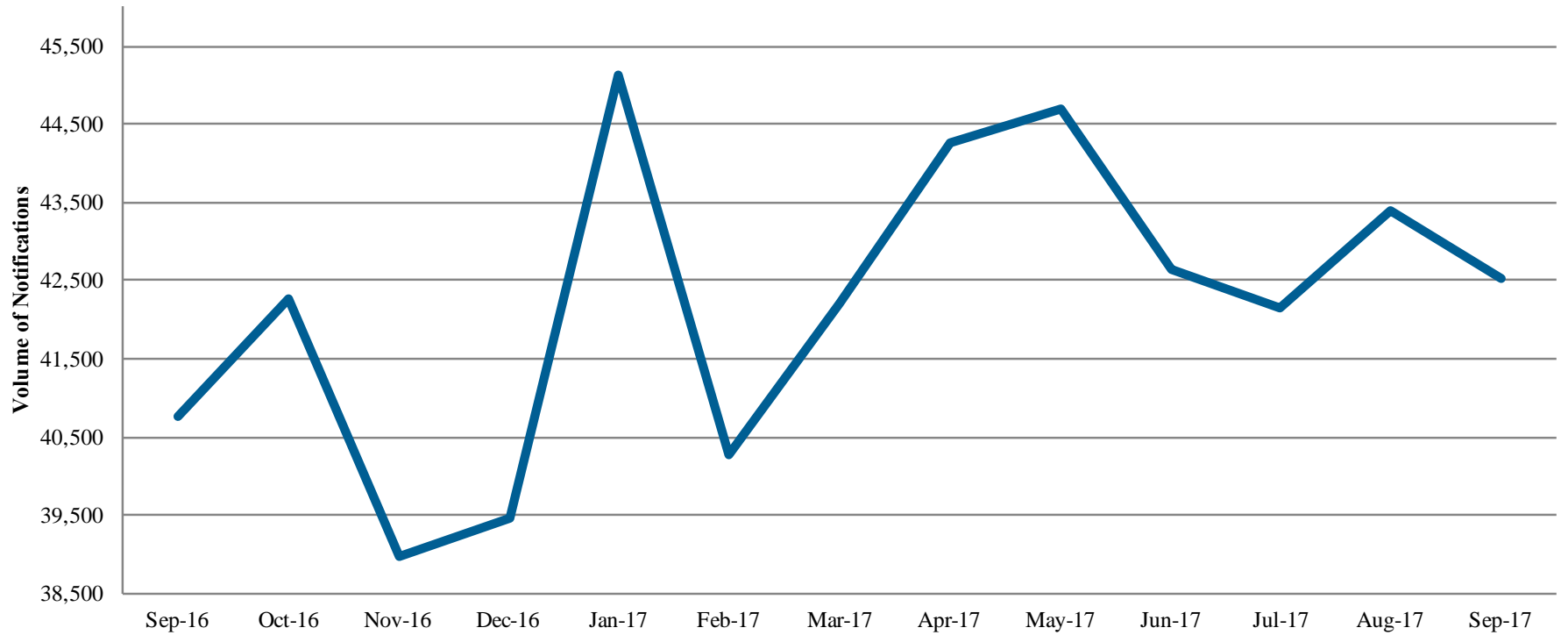
Number of Patients Accessed Per Month 2015 - 2017



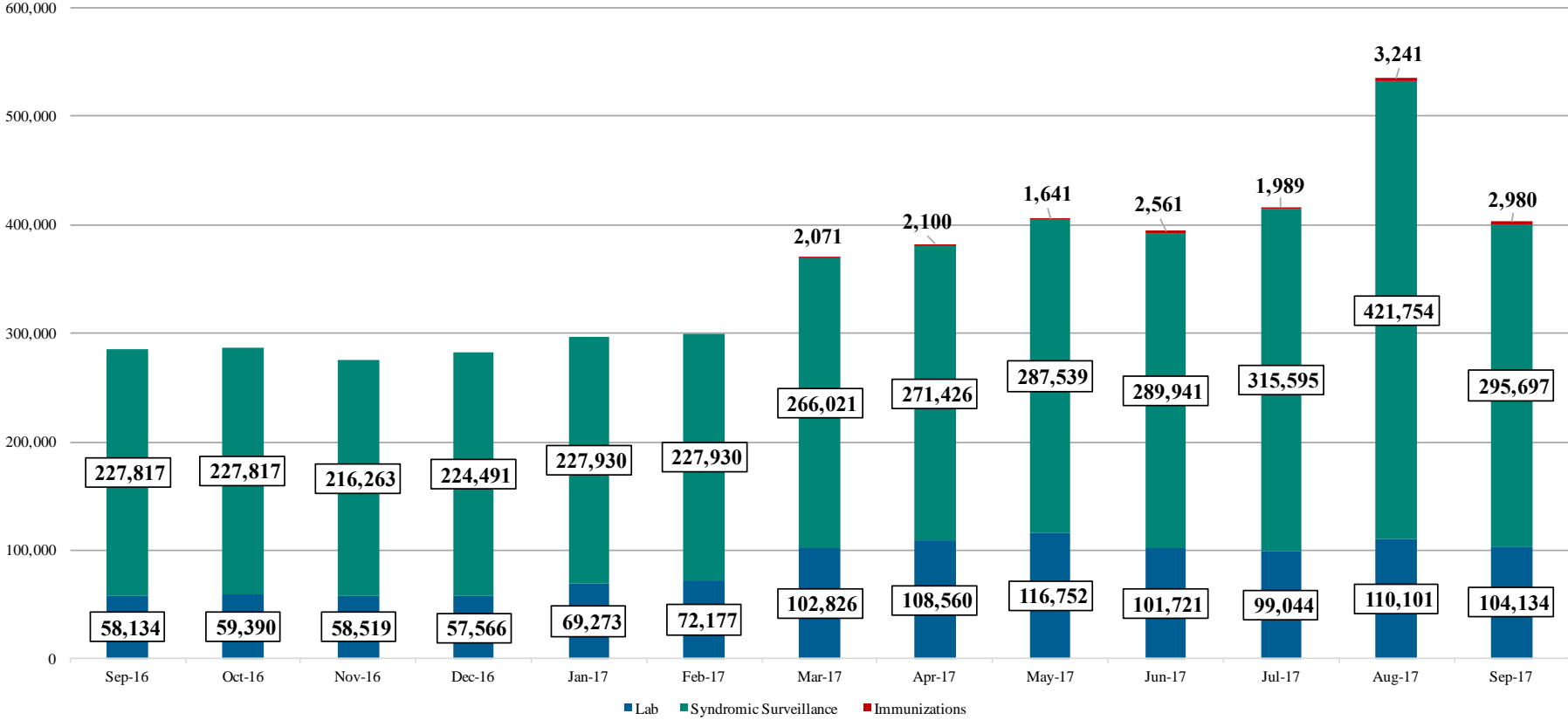
Number of Unique Exchange Users By Month Last 12 Months



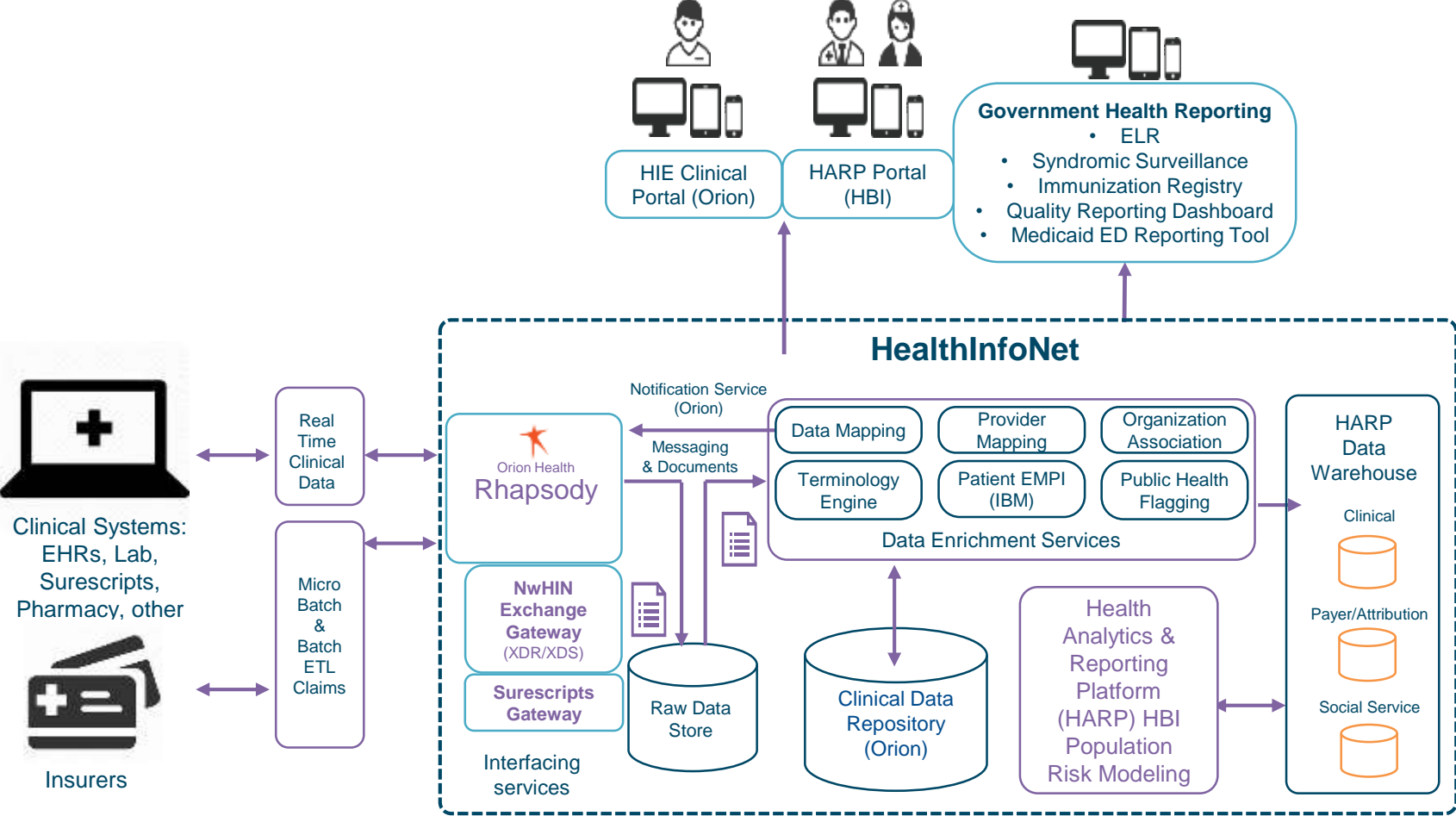
Number of Patient Encounter Notifications Issued Last 12 Months



Message Forwarded to the CDC by Type Last 12 Months



HealthInfoNet Architecture Diagram



Expanding the Statewide Exchange Database



Introducing Social
Determinants
Of Health
SDoH

Active SDoH Data Partners

- Community Action Agencies (CAA)
- Maine Department of Health and Human Services (i.e. Medicaid)
 - Non-emergent transportation services data
 - Behavioral health prior authorization & certification data
- FQHC “UDS” social data:
 - Housing/migrant worker status
 - Use of new SDoH ICD-10 coding available (Z Codes)



HIE Portal - Community Services Data Upgrade

HealthInfoNet Home Help Richard Wallace Logout Clinical Portal

+ HINSJH HINTEST DEMO (M / 64 years)

Patient Summary My Patients HIN Feedback Risk Score Trends VA VA Record Search Community Services

Community Services (mockup)

Non-Emergency Transportation				Housing			
Date	Provider	Type (CPT Code)	Agency	Date	Provider	Service	Description
2016-08-10	PENQUIS C.A.P. INC.	Wheelchair Van (A0130)	MaineCare Services for 7 day clinics (MTH)	2016-08-10	Down East Shelter	H0043	Supported housing, per diem
2016-07-22	PENQUIS C.A.P. INC.	bus, intra or inter-state carrier (A0110)	Monthly Bus Pass with regional transit provider (BPAL)				
2016-07-02	PENQUIS C.A.P. INC.	vehicle provided by volunteer (A0080)	Bureau of MaineCare Services (BMS)				
2016-06-14	PENQUIS C.A.P. INC.	Wheelchair Van (A0130)	MaineCare Services for 7 day clinics (MTH)				

Income and Employment				Educational Support			
Date	Attribute	Value	Remark	Date	Provider	Service	Agency
2016-08-10	Income as % of Poverty Level	85	N/A	2016-08-10	Seniors & Seizures Training	Education and training for patient self-management (98960)	Bureau of MaineCare Services (BMS)
2016-01-10	Employment status	Not working	Disabled				
2015-03-07	Disability	Disabled	Epilepsy (11.02)				

Medicaid Behavioral Health Prior Authorization Data

Service	AuthStartDate	AuthEndDate	DischgDate	Employmt
Behavioral Health Homes - Adult	2017-03-28	2017-05-20		
Adult Medication Management	2017-03-15	2018-03-14		
Behavioral Health Homes - Adult	2017-03-25	2017-03-31		NENL
Adult Outpatient Therapy- Mental...	2017-02-17	2017-07-31		
Behavioral Health Homes - Adult	2017-03-21	2017-06-20		CEPTL
Adult Outpatient Therapy- Mental...	2017-03-15	2018-03-14		
Adult Outpatient Comp Assess-Men...	2017-03-15	2017-04-13		
Adult Medication Management	2016-10-18	2017-10-17		
Behavioral Health Homes - Adult	2017-03-30	2017-07-20		CEFT3
Adult Outpatient Therapy- Mental...	2017-02-22	2018-02-21		

Examples of new data contributions include:

- Medicaid Health Home (Stage B) Encounters
- State Mental Health Hospital Encounters
- Employment status

SDOH and Medicaid Claims Included in Enhanced HIE Predictive Analytics

Patient History

Patient Risk of Event or Outcome

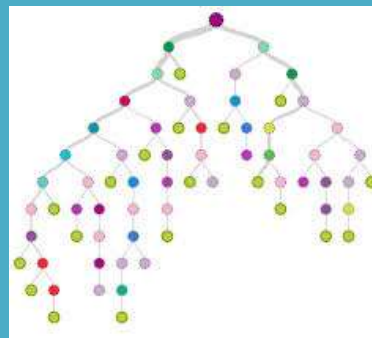
Risk Model Development

Available Risk Models

1000s of Patient Features

- Age
- Gender
- Geography
- **Income (Census)**
- **Education (Census)**
- **Race (Census)**
- Diagnoses
- Procedures
- Chronic conditions
- Visit and admission history
- Outpatient medications
- Vital signs
- Lab orders and results
- Radiology orders
- **Medicaid Claims**

Multivariate Statistical Modeling –
Decision Tree Analysis
Machine Learning



Population Risk Models
(predicts future 12 months)

- Predicted Future Cost
- Risk of Inpatient Admission
- Risk of ED Visit
- Risk of AMI
- Risk of Asthma
- Risk of CHF
- Risk of COPD
- Risk of CVA
- Risk of Diabetes
- Risk of Hypertension
- Risk of Mortality

Event Based Risk Models
(predicts future 30 days)

- Risk of 30 day Readmission
- Risk of 30 day ED Return

Next Steps for SDoH

- HIE Connection with Maine's **Homeless Management Information System (HMIS) (2017/2018)**
- Combine State Services & HIE EMPI (2018)
- Opt-In Structure for “non-covered entity” SDoH data (example: CAA data)
- EHR use of new ICD-10 Z codes for “Factors influencing health status and contact with health services (Z00-Z99)”



Behavioral Health Organizations & HIE Integration Results

Key BH Integration Projects

1. Completed bidirectional HIE connections & provide 1.5 million in reimbursements for HIT investments across 20 BHOs
2. Trained and sustained HIE usage for the Clinical Portal and Notifications service across all 20 participants
3. Completed a quality improvement project to reduce unnecessary Emergency Department utilization for MaineCare members
4. Connect additional BHHs with view only services (SIM year 4)
5. Educate HIE users about the new value of KEPRO data for BHH patients

SIM BHO Quick Stats

\$1.455 million reimbursed across 20 BHOs



74,522
Cumulative
Patient
Accesses

12,000



Patients
Managed
with
Notifications
by
163 Users



260

Average
Users
Per
Month

SIM BH Quick Stats

11,000+ patients have chose to opt-in their mental health information



6

BHHs joined
as part of
SIM Year 4
View-only offer



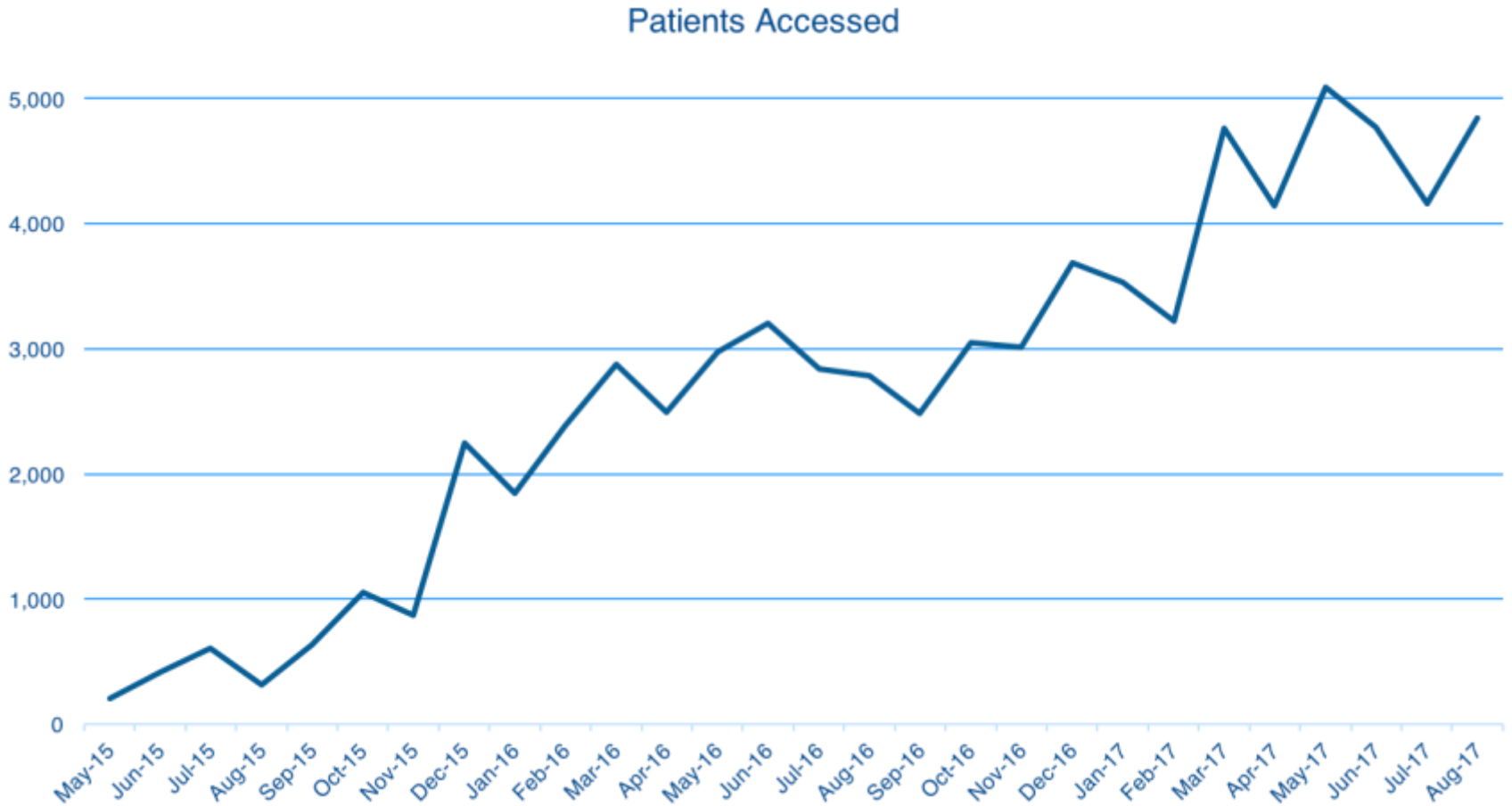
18 / 20
are
Behavioral
Health
Homes

May 1



KEPRO data
goes live for
BHH patients
only

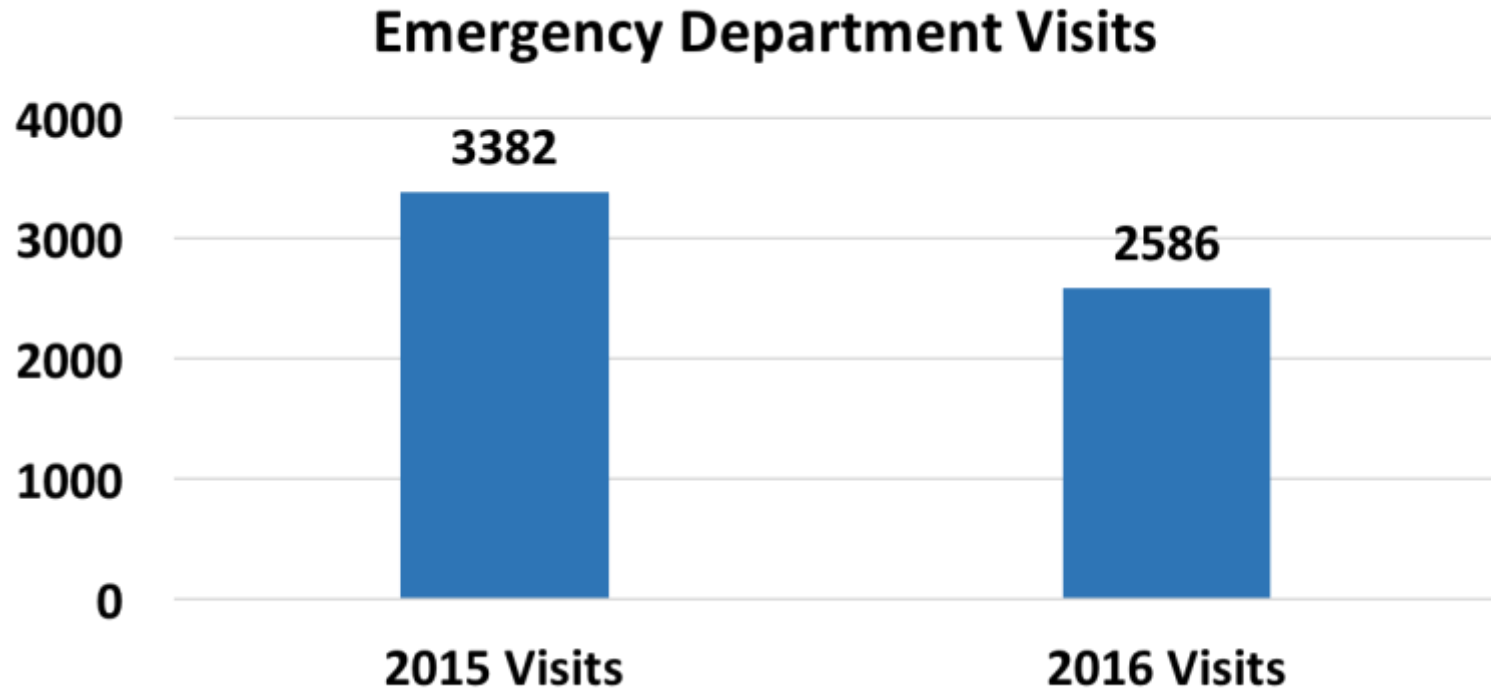
BHO SIM Monthly Records Accessed



BH Quality Project Goals – Extension to 12 month

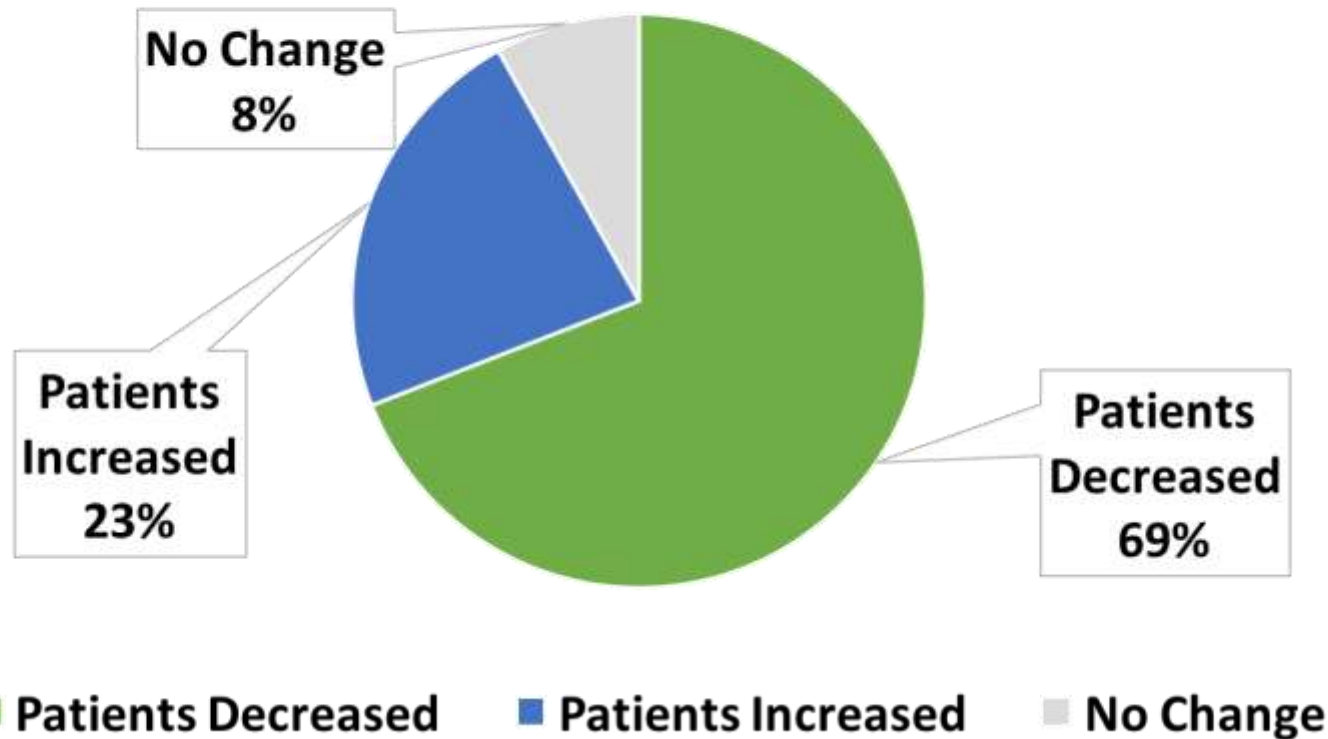
1. Implement real-time notifications for ED/hospital admissions to intervene with clients with a history of 2 or more ED visits within a 6 month period (418 patients selected)
2. Access the HIN Portal to coordinate care with both the client & medical community
3. Leverage “Data Informed” workflows with all organizations and convene monthly “learning community” to share lessons learned

ED Visit - 23% Decrease



Decreased ED Utilization for 288 Patients

Emergency Department Visits



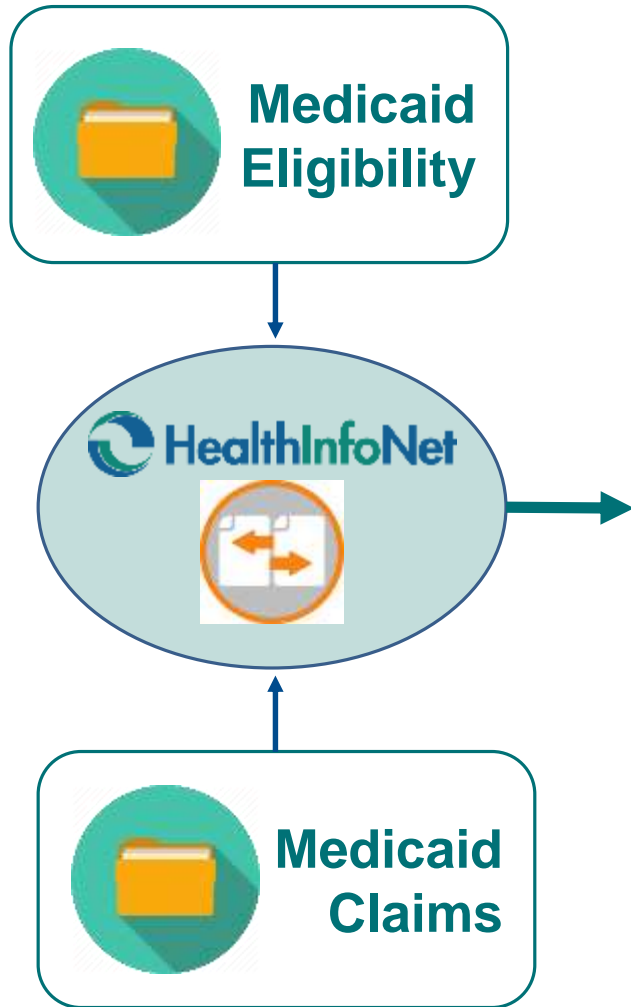


Reporting

MaineCare Utilization Reporting Tool - Background

- MaineCare’s “ED Collaborative” Care Management program was using a hospital generated “ED visit census fax workflow,” to identify members who were using the ED inappropriately.
- The hypothesis was that if provided the data required, HIN could build a process that is more reliable, timely, and efficient than the hospital census fax information.
- MaineCare began to provide HIN monthly batch claims data (eligibility, medical, pharmacy) to integrate with the HIE Clinical Data Repository and Mater Person Index.

“MaineCare Utilization Reporting Tool” Overview



Data Parameters

- **Data Use** - Permission received from all Hospitals to make data available to MaineCare for the specific “use-case”.
- **Data Scope** - Dashboard excludes HIE data during times of discontinuous eligibility (i.e. No data that the payer does not have legal access to under HIPAA is available).
- **Timeliness** - Dashboard is updated overnight with the previous days HIE data and revises daily eligibility changes provided by MaineCare claims data daily update process.


Access Parameters

- **Access** - the reporting solution is built within the HIE architecture and uses the same security and audit parameters (VPN, authentication, etc.).
- **User Management** - user accounts are provided and management per client request within the scope of the project.
- **Reliability** - the solution resides in both test and production environments

User Interface Design



MaineCare Utilization Reporting Tool



Data current through 2017-09-10 23:59

Get Report Date Range

From Date To Date Region 1 2 3 All

Encounter Type Emergency Inpatient Both Hospital

MaineCare ID Run Report Report Name OR

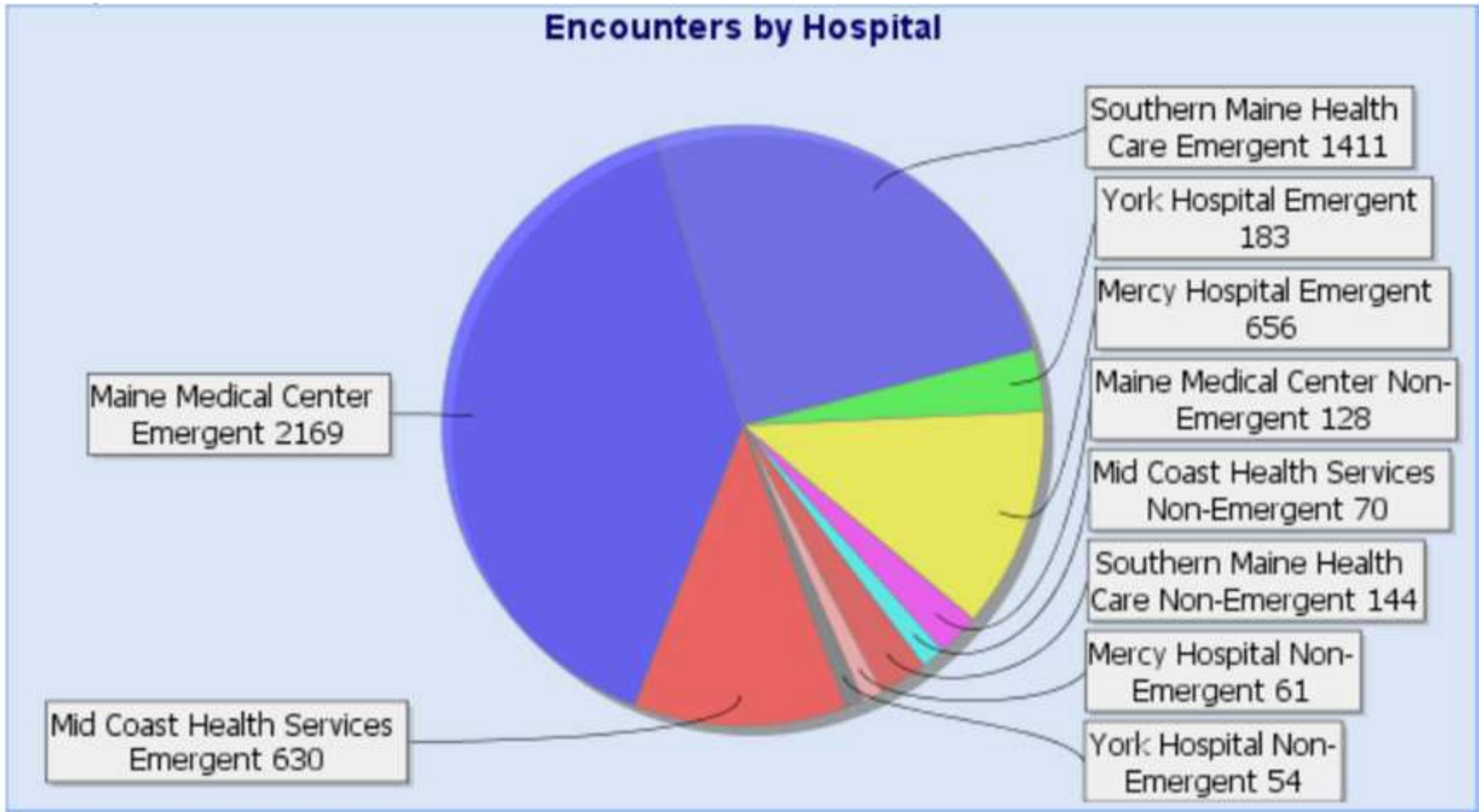
Show PHI
 Only show encounters with diagnosis
 Only show encounters with non-emergent diagnosis

HealthInfoNet - 125 Presumpscot Street, Box 8 Portland, ME 04103
Technical Support: customercare@hinfonet.org, 207-420-0900

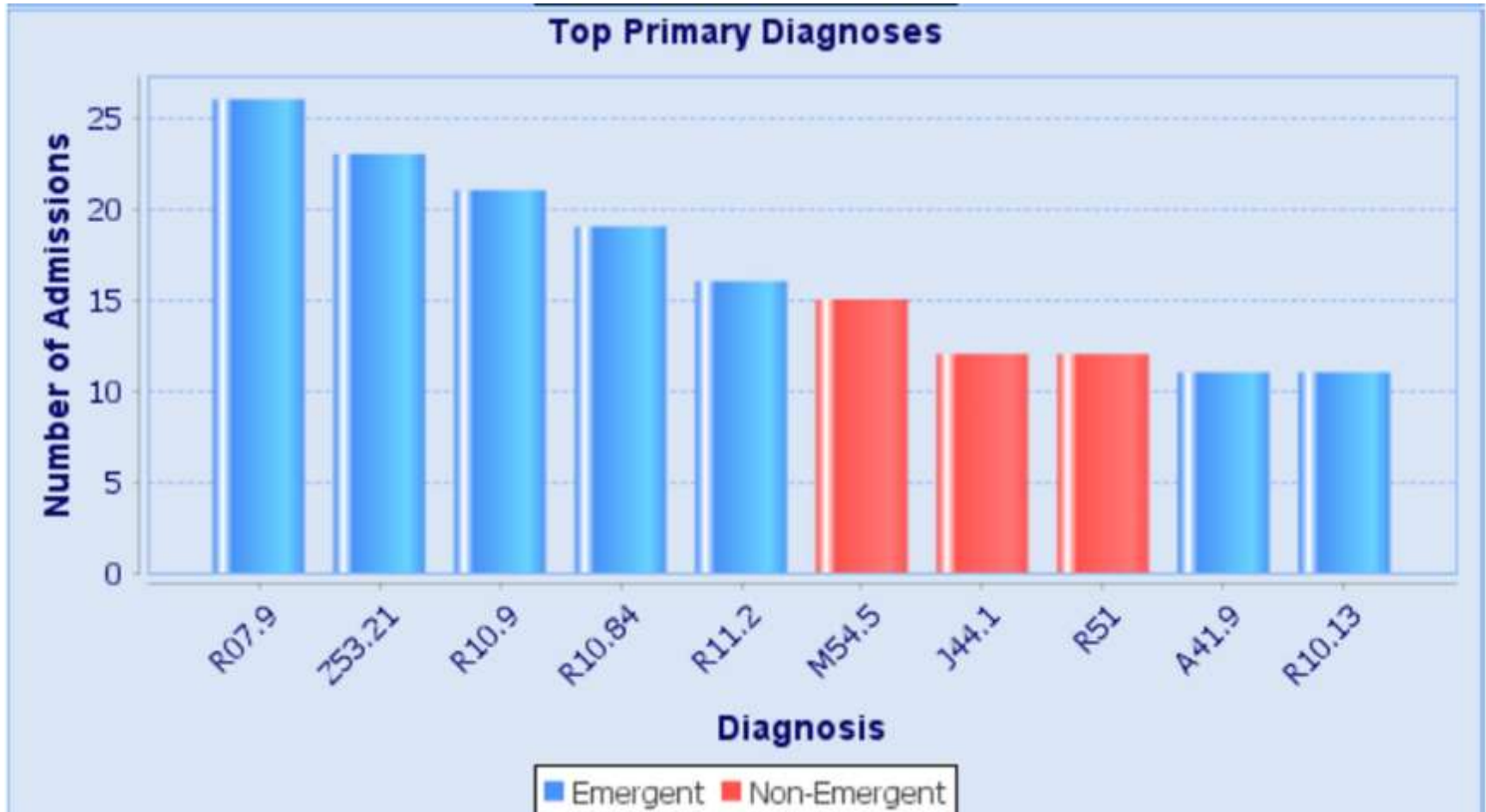
Data Output Design



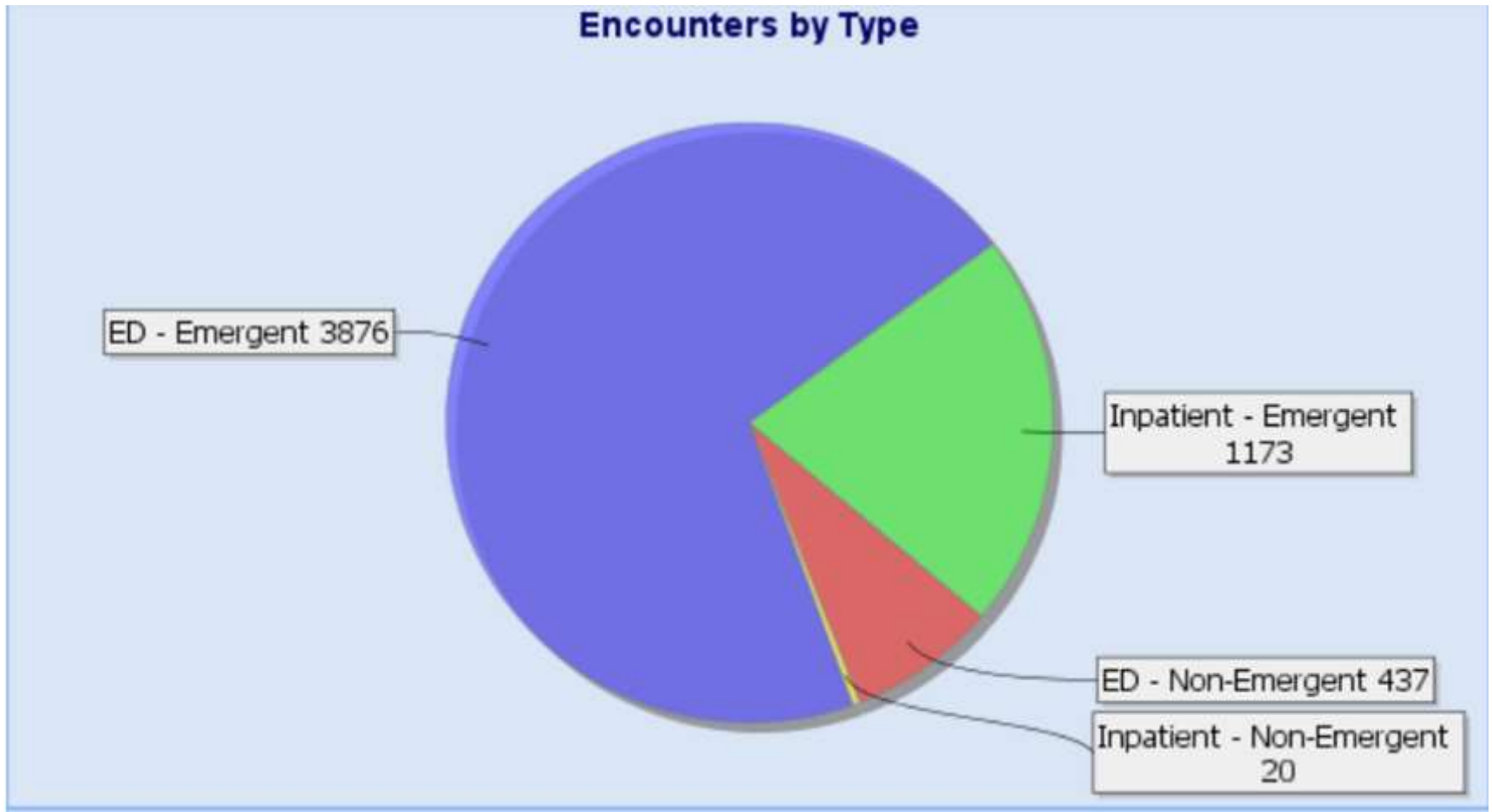
Interactive Visuals



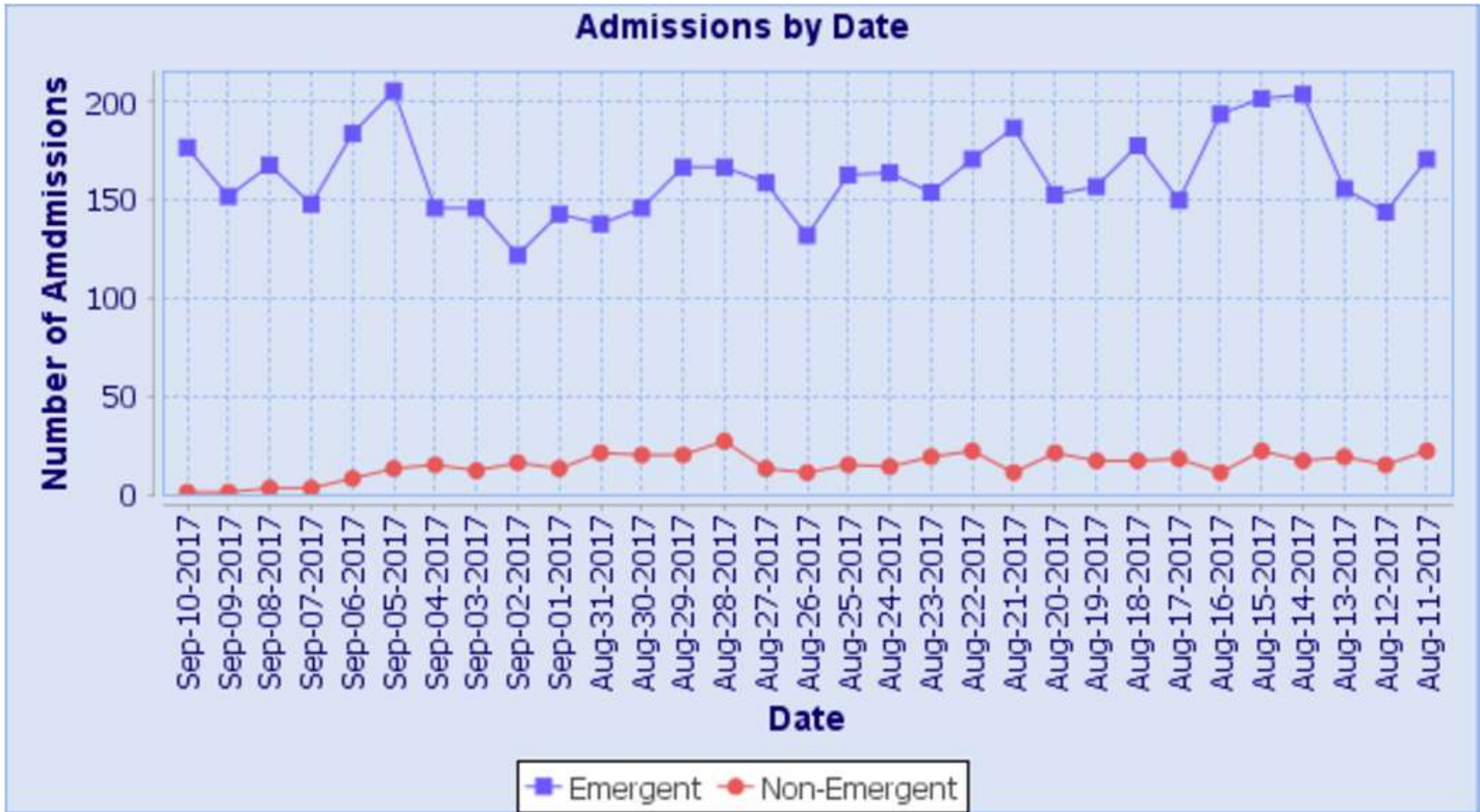
Custom Analysis



Custom Analysis



Custom Analysis




Custom Data Export

1805 patients with 1,917 encounters found, displaying 1 to 50. [First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Active	Admit Date	MaineCare ID	Prim. Ins.	Patient Name	DOB	Count	PCP	Region	System	Hospital	Chief Complaint	Enc Type	Dx Code	Diagnosis Description	Dx Code 2	Diagnosis Description 2	ED Risk	IP Risk	Cost Risk	Health Home Start Date 1	Health Home Provider Type 1	Health Home Service Location 1
	2017-09-01 18:21	HDDEN148163	N			1	Smith Craig	2	CMHC	Bridgton Hospital	back pain	E	M54.5	Low back pain	W18.00XA	Striking against other object with subsequent fall, initial encounter	53.4	11.3	98.6	12/30/2016	SHH-B	Bridgton - Co-025
	2017-08-16 19:31	HDDEN30828	N			1	Skellan Sarah	2	CMHC	Central Maine Medical Center	removal of left eyebrow stitches headaches	E	R51	Headache	M54.5	Low back pain	85.7	22.2	99.7	12/29/2016	CCT-A	Androscoggin Home Care
	2017-09-03 17:06	HDDEN338736	N			2	Timothy Webb	2	MGH	MaineGeneral Health	fall	E	M25.561	Pain in right hip	M25.561	Pain in right knee	77.3	31.8	100.0	12/28/2015	SHH-B	Mtiso Counseling-003
	2017-08-16 18:10	HDDEN338736	N			2	Timothy Webb	2	MGH	MaineGeneral Health	Back Pain	I	M54.5	Dorsalgia, unspecified	M01.17	Interv disc disorders w radiculopathy, lumbosacral region	77.3	31.8	100.0	12/28/2015	SHH-B	Mtiso Counseling-003
ED	2017-08-17 17:50	HDDEN433405	Y	ANGELA DELVECCHIO FNP		1		3	EMHS	Eastern Maine Medical Center	HEADACHE	E	R51	Headache	M54.5	Low back pain	91.0	22.0	99.8	12/27/2016	HH-A	Cadillac Family Practice-004
	2017-08-02 21:35	HDDEN960320	N			1	NEED INFO	3	EMHS	Eastern Maine Medical Center	LT ARM PAIN	E	M79.042	Pain in left hand	G89.29	Other chronic pain	74.3	12.7	98.1	12/21/2016	SHH-B	Adv Bangor-019
	2017-08-18 18:22	HDDEN78478	Y	LISA MILLER		1		2	MH	Western Maine Healthcare	Ear Pain	E	H62.001	Acute suppurative otitis media without spontaneous rupture of ear drum, right ear			86.0	12.7	97.7	12/18/2016	HH-A	Rfo-002
	2017-08-27 17:03	HDDEN735152	Y	JENNIFER BRESETT		1		3	NMMC	Northern Maine Medical Center	SORE THROAT FEVER	E	J02.9	Acute pharyngitis, unspecified	J02.9	Acute pharyngitis, unspecified	74.3	11.3	97.2	12/18/2016	HH-A	Fish River Rural Health Eagle Lake-005
	2017-08-16 18:54	HDDEN914144	Y	Aaron Bernard		1		2	MGH	MaineGeneral Health	Difficulty breathing; lung tightness	E	J32.8	Chronic sinusitis, unspecified	R06.02	Shortness of breath	49.4	8.3	99.2	12/18/2015	HH-A	Inland Family Care - Waterville-003
	2017-09-02 02:45	HDDEN85311	Y	ALLAN KAPLAN		1		1	MH	Maine Medical Center	Back pain	E	M54.5	Low back pain			80.7	30.3	100.0	12/18/2015	HH-A	Mid Coast Medical Group Primary Care - Bk-000
	2017-08-23 12:01	HDDEN789101	Y	PAUL PELLETIER		1		3	NMMC	Northern Maine Medical Center	DIZZY VOMITING HEADACHE	E	R51	HEADACHE			42.4	8.4	86.1	12/18/2016	HH-A	Fish River Rural Health Eagle Lake-005
	2017-08-13 12:33	HDDEN254508	Y	MEDAN LANE		1		1	MH	Maine Medical Center	Difficulty breathing	E	J10.32	Unspecified acute conjunctivitis, left eye	J40	Bronchitis, not specified as acute or ch	29.6	7.3	72.7	12/18/2016	HH-A	Merry West Falmouth Primary Care-023
	2017-09-03 21:41	HDDEN960370	Y	DEBORAH LEARSON MD		1		2	EMHS	Inland Hospital	BACK PAIN	E	M54.5	Low back pain	Z98.690	Other specified postprocedural	41.0	8.0	85.0	12/08/2014	HH-A	Mt Elmwood Primary Care-057

CDC User Interface Design

Maine CDC Statewide Quality Measures Dashboard 

NQF 18: Controlling High Blood Pressure NQF 59: Comprehensive Diabetes Care

Select Public Health District

<input type="checkbox"/> ALL Aroostook Central Maine Cumberland Down East	OR County	<input type="checkbox"/> ALL Androscoggin Aroostook Cumberland Franklin	OR Town	<input type="checkbox"/> ALL Abbot Abbot Village Acton Adamstown Township
---	--------------	---	------------	---

Measure Year End Date

Measure Year Start Date

Data Output Design

Select Public Health District

- ALL
- Arrostock
- Central Maine
- Cumberland
- Down-East

OR County

- ALL
- Androscoggin
- Arrostock
- Chatham
- Franklin

OR Town

- ALL
- Albion
- Albion Village
- Acton
- Adamstown Township

Measure Year End Date

Measure Year Start Date

NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose Measure Ending 2017-09-30

Measure Name	Numerator	Denominator	Percent
NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose	4675	12059	40.43
Normal HbA1C (A1C <5.7 or FPG 80-99mg/dL)	873	12059	7.24
Pre-Diabetes (A1C 5.7-6.3 or FPG 100-125mg/dL)	1186	12059	9.83
Diabetes Good Control (A1C 6.4-8.9 or FPG 126-199mg/dL)	4596	12059	38.13
Diabetes Poor Control (A1C 9.0+ or FPG 200+mg/dL)	1640	12059	13.60
HbA1c and FPG Not Available	3235	12059	26.83

NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose

Overview
The percentage of patients 18-75 years of age with diabetes (type 1 and type 2) whose most recent HbA1c level during the measurement year was greater than 9.0% (poor control), or if missing an HbA1c result, whose most recent Fasting Plasma Glucose (FPG) is greater than 200 mg/dL, or who was missing both results, or if neither an HbA1c nor an FPG test was done during the measurement year.

Denominator
Patients 18-75 years of age by the end of the measurement year who had a diagnosis of diabetes (type 1 or type 2) during the measurement year or the year prior to the measurement year.

Numerator
Patients whose most recent HbA1c level is greater than 9.0%, or if the HbA1c result is missing, whose most recent Fasting Plasma Glucose (FPG) is greater than 200 mg/dL, or who is missing both results, or for whom neither an HbA1c nor FPG test was done during the measurement year. The outcome is an out of range result of an HbA1c test, indicating poor control of diabetes. Poor control puts the individual at risk for complications including renal failure, blindness, and neurologic damage. There is no need for risk adjustment for this intermediate outcome measure.

Exclusions (optional)

- Exclude patients who did not have a diagnosis of diabetes, in any setting, during the measurement year or the year prior to the measurement year.

AND Exclude patients who meet either of the following criteria:

- A diagnosis of polycystic ovaries, in any setting, any time in the patient's history through December 31 of the measurement year.
- A diagnosis of gestational or steroid-induced diabetes, in any setting, during the measurement year or the year prior to the measurement year.

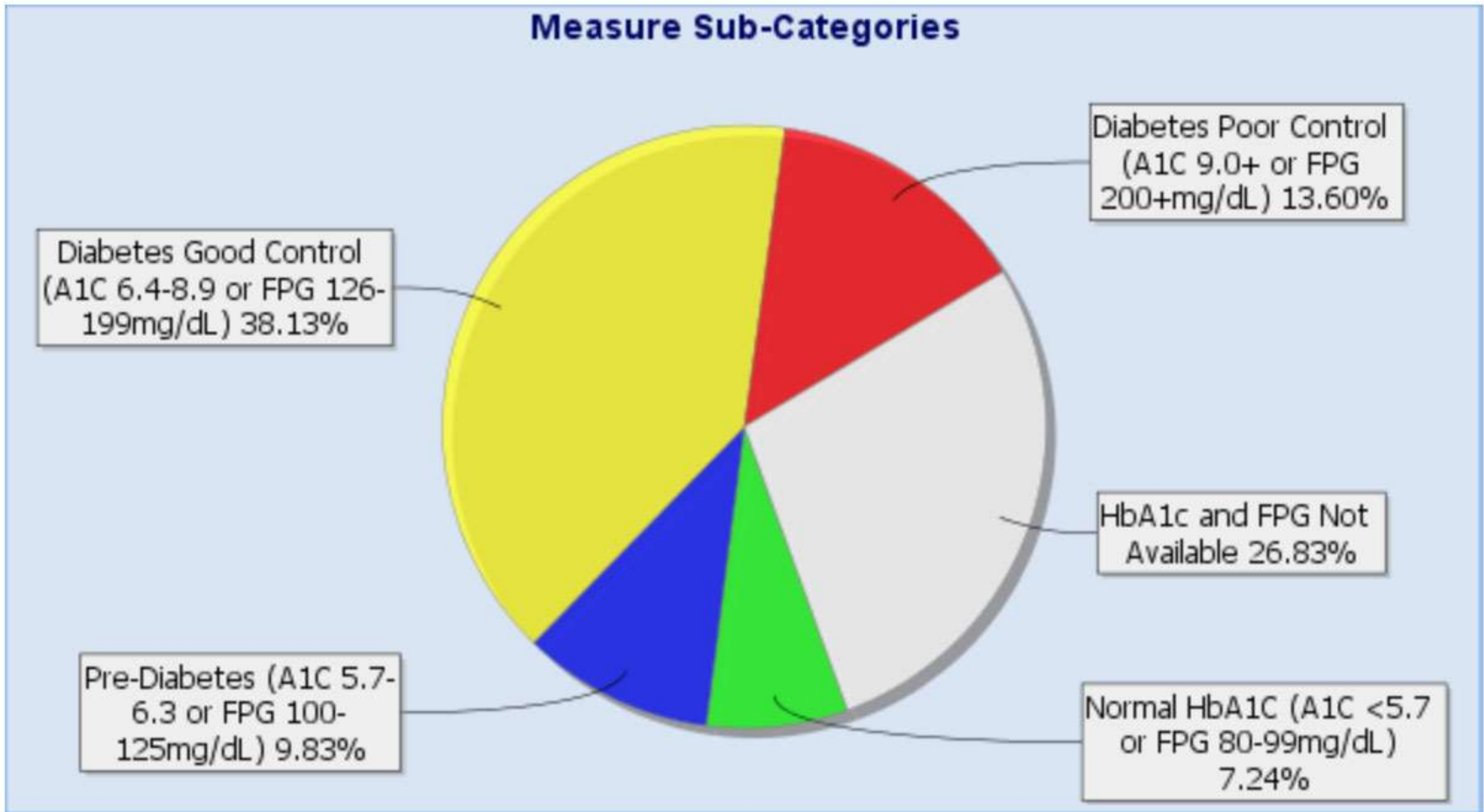
Measure Sub-Categories

Measure Trend

@2017 HealthInfoNet (HIN) – All Rights Reserved
HIN Proprietary – Not for Redistribution

39

Interactive Visuals



Interactive Visuals

Measure Name	Numerator	Denominator	Percent
<u>NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose</u>	<u>4875</u>	<u>12059</u>	<u>40.43</u>
Normal HbA1C (A1C <5.7 or FPG 80-99mg/dL)	873	12059	7.24
Pre-Diabetes (A1C 5.7-6.3 or FPG 100-125mg/dL)	1186	12059	9.83
Diabetes Good Control (A1C 6.4-8.9 or FPG 126-199mg/dL)	4598	12059	38.13
Diabetes Poor Control (A1C 9.0+ or FPG 200+mg/dL)	1640	12059	13.60
HbA1c and FPG Not Available	3235	12059	26.83

Interactive Visuals



Measure Overview

NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose

Overview

The percentage of patients 18-75 years of age with diabetes (type 1 and type 2) whose most recent HbA1c level during the measurement year was greater than 9.0% (poor control), or if missing an HbA1c result, whose most recent Fasting Plasma Glucose (FPG) is greater than 200 mg/dL, or who was missing both results, or if neither an HbA1c nor an FPG test was done during the measurement year.

Denominator

Patients 18-75 years of age by the end of the measurement year who had a diagnosis of diabetes (type 1 or type 2) during the measurement year or the year prior to the measurement year.

Numerator

Patients whose most recent HbA1c level is greater than 9.0%, or, if the HbA1c result is missing, whose most recent Fasting Plasma Glucose (FPG) is greater than 200 mg/dL, or who is missing both results, or for whom neither an HbA1c nor FPG test was done during the measurement year. The outcome is an out of range result of an HbA1c test, indicating poor control of diabetes. Poor control puts the individual at risk for complications including renal failure, blindness, and neurologic damage. There is no need for risk adjustment for this intermediate outcome measure.

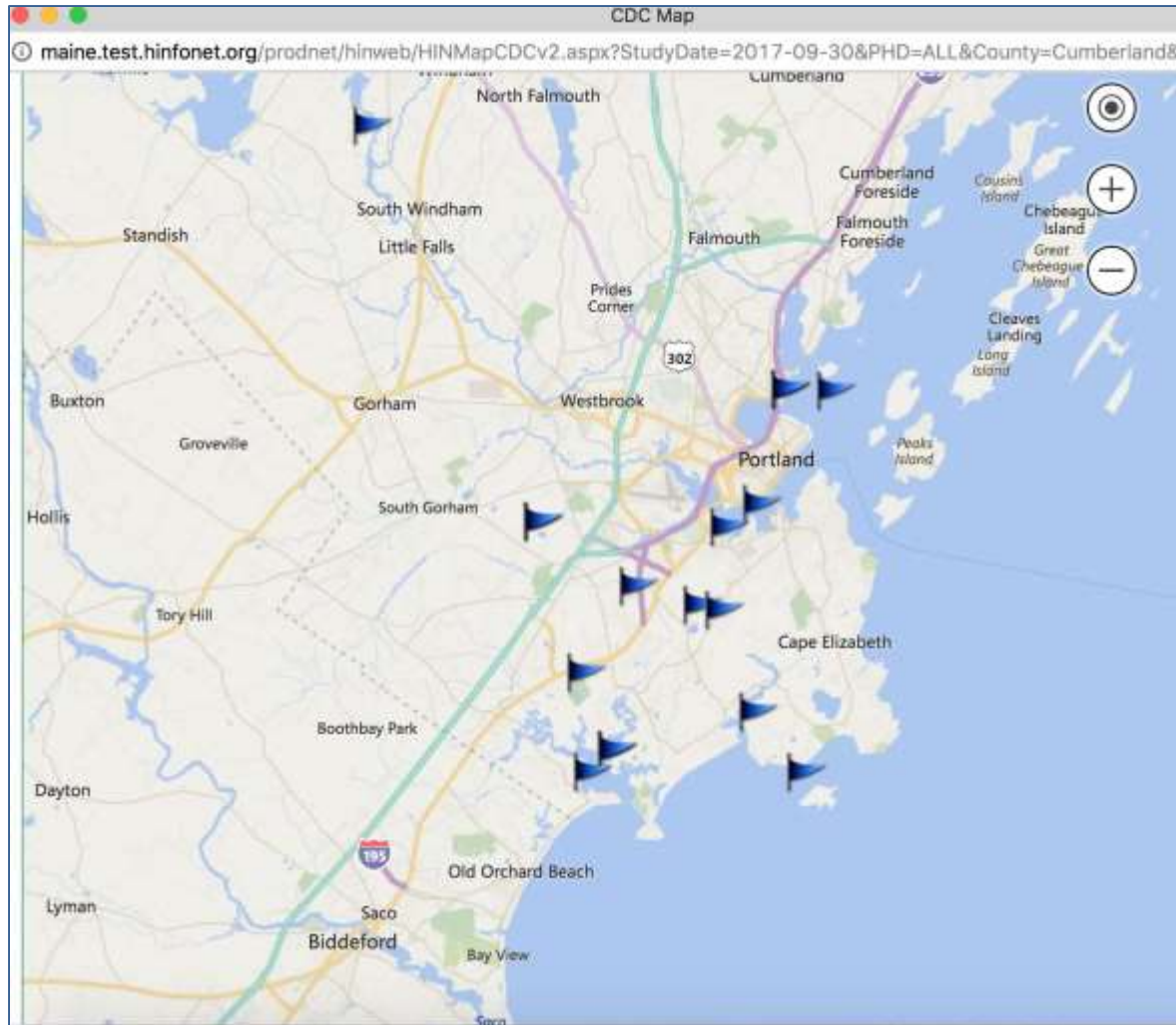
Exclusions (optional)

- Exclude patients who did not have a diagnosis of diabetes, in any setting, during the measurement year or the year prior to the measurement year.

AND Exclude patients who meet either of the following criteria:

- A diagnosis of polycystic ovaries, in any setting, any time in the patient's history through December 31 of the measurement year.
- A diagnosis of gestational or steroid-induced diabetes, in any setting, during the measurement year or the year prior to the measurement year.

Map View



Custom Data Export

NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose																			
A1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q		
1	NQF 59: Comprehensive Diabetes Care: Hemoglobin A1c or Fasting Plasma Glucose																		
2	Selected County: Cumberland																		
3	Measure Year: 2016-09-30 to 2017-09-30																		
4	PHD	County	Town	Numerator	Denominator	Percent	Controlled	Uncontrolled	Control Unknown	Normal	Pre-Diabetes	Diabetes	Diabetes Poor Control	Diabetes Unknown	Normal Pct	Pre-Diabetes Pct	Diabetes Pct	Diabetes Poor Control Pct	
5	Cumberland	Cumberland	Birch Island	1	1	100	0	0	1	0	0	0	0	0	1	0	0	0	
6	Cumberland	Cumberland	Bridgton	117	362	32.32	245	46	71	20	46	168	46	71	5.52	12.71	46.41	46.41	
7	Cumberland	Cumberland	Brunswick	381	1343	28.37	752	147	244	96	132	486	147	244	8.4	11.55	42.52	42.52	
8	Cumberland	Cumberland	Capit Elizabeth	74	195	37.95	121	20	54	9	30	81	20	54	4.62	10.26	41.54	41.54	
9	Cumberland	Cumberland	Casco	77	174	44.25	97	30	47	8	18	65	30	47	3.43	10.34	37.36	37.36	
10	Cumberland	Cumberland	Chebanogue Island	3	9	33.33	6	0	3	0	2	5	0	3	0	22.22	33.33	33.33	
11	Cumberland	Cumberland	Cliff Island	0	1	0	0	0	0	0	0	1	0	0	0	0	0	100	
12	Cumberland	Cumberland	Cumberland	45	111	40.54	60	16	29	6	8	45	16	29	5.41	7.21	40.54	40.54	
13	Cumberland	Cumberland	Cumberland Center	38	98	38.8	59	12	27	8	8	38	12	27	8.16	8.16	38.78	38.78	
14	Cumberland	Cumberland	Cumberland Mills	1	2	50	1	1	0	0	0	1	0	0	0	0	0	50	
15	Cumberland	Cumberland	East Baldwin	15	37	40.54	22	6	9	1	2	17	6	9	2.7	5.41	45.25	45.25	
16	Cumberland	Cumberland	Falmouth	108	239	45.19	131	29	79	14	20	85	29	79	5.86	8.37	35.16	35.16	
17	Cumberland	Cumberland	Freeport	137	296	46.28	159	35	202	10	31	98	35	202	5.41	10.47	33.11	33.11	
18	Cumberland	Cumberland	Gorham	255	630	40.48	375	87	168	39	60	245	87	168	6.19	9.52	38.89	38.89	
19	Cumberland	Cumberland	Gray	162	397	40.81	235	46	116	25	42	158	46	116	6.3	10.58	39.4	39.4	
20	Cumberland	Cumberland	Harpwell	87	302	28.81	215	32	95	13	39	145	32	95	4.3	12.91	48.01	48.01	
21	Cumberland	Cumberland	Harrison	46	186	24.73	140	35	31	13	21	96	35	31	6.99	11.29	53.29	53.29	
22	Cumberland	Cumberland	Long Island	2	7	28.57	5	1	1	2	1	2	1	1	28.57	14.29	28.57	28.57	
23	Cumberland	Cumberland	Naples	76	221	34.39	145	27	49	19	30	86	27	49	8.6	13.57	38.91	38.91	
24	Cumberland	Cumberland	New Gloucester	302	283	36.04	181	37	65	27	40	107	37	65	9.54	14.13	37.81	37.81	
25	Cumberland	Cumberland	North Windham	2	3	66.67	1	2	0	0	0	1	2	0	0	0	0	33.33	33.33
26	Cumberland	Cumberland	North Yarmouth	32	84	38.1	52	5	27	11	7	37	5	27	13.1	8.33	32.14	32.14	
27	Cumberland	Cumberland	Pine Point	0	1	0	0	0	0	0	1	0	0	0	0	0	100	0	
28	Cumberland	Cumberland	Portland	1206	2754	43.79	1548	432	774	210	221	968	432	774	7.63	8.02	35.88	35.88	
29	Cumberland	Cumberland	Pownal	28	58	48.28	30	10	18	3	2	24	10	18	5.17	3.45	41.38	41.38	
30	Cumberland	Cumberland	Raymond	95	232	40.95	137	26	69	16	17	98	26	69	6.9	7.33	42.24	42.24	
31	Cumberland	Cumberland	Scarborough	248	602	41.2	354	67	181	48	60	232	67	181	7.97	9.97	36.88	36.88	
32	Cumberland	Cumberland	Sebago	31	80	38.75	49	12	19	6	13	27	12	19	7.5	16.25	33.75	33.75	
33	Cumberland	Cumberland	South Casco	13	29	44.83	16	7	6	2	5	7	7	6	6.9	17.24	24.14	24.14	
34	Cumberland	Cumberland	South Portland	416	1054	39.47	638	128	288	96	103	391	128	288	9.11	9.77	37.1	37.1	
35	Cumberland	Cumberland	Sourwink	1	1	100	0	0	0	0	0	0	0	0	0	0	0	0	
36	Cumberland	Cumberland	Standish	154	390	39.49	236	63	95	33	39	150	63	95	8.46	10	38.46	38.46	
37	Cumberland	Cumberland	Steep Falls	38	86	44.19	48	17	21	3	3	38	17	21	3.49	5.81	44.19	44.19	
38	Cumberland	Cumberland	Two Trails	1	1	100	0	0	1	0	0	0	0	1	0	0	0	0	
39	Cumberland	Cumberland	Upper Oboocotee	1	1	100	0	0	0	0	0	0	0	0	0	0	0	0	
40	Cumberland	Cumberland	West Baldwin	24	54	44.44	30	10	14	4	3	21	10	14	7.41	5.56	38.89	38.89	
41	Cumberland	Cumberland	West Sebago	0	1	0	0	0	0	0	1	0	0	0	0	0	100	0	
42	Cumberland	Cumberland	Westbrook	440	892	44.35	552	149	297	94	103	334	149	297	6.43	10.38	33.67	33.67	
43	Cumberland	Cumberland	Windham	305	728	41.9	423	110	295	52	68	267	110	295	7.14	9.34	36.88	36.88	
44	Cumberland	Cumberland	Windham Hill	1	2	50	1	0	1	0	1	0	0	1	0	0	50	0	

Demo Links

- [MaineCare Utilization Reporting Tool](#)
- [CDC Quality Measures Dashboard](#)



What Is Coming In 2018

Looking Toward 2018

- Further expansion of the exchange data set
- New portal clinical viewer (CP8)
- Access to the HARP analytic platform as part of the standard Participant Agreement
- Connection to hospitals in the Boston area
- Expanded reporting functionality

My Contact Information

Devore Culver
Senior Consultant
Dev.Culver@hinfonet.org
Cell: 207-841-0246
Office: 207-541-4104