

2012 Michigan HIT Dashboard

Milestones or Measures depending on program type

Date: October 18, 2012

Michigan Health Information Network (MiHIN)		Last Updated 10/18/12 - monthly
Milestone	Status	Notes
Governance	Green	Development of Qualified Data Sharing Organization and Data Sharing Agreements executed with SOM HIE, JCMR, MHC, UPHIE, Ingenium, . MiHIN Operations Advisory Committee and the Security & Privacy, Use Case, Architecture, and Operations workgroups all up and running.
Technology and Implementation	Green	MiHIN Public health reporting fully operational since May 2012, MiHIN DIRECT HISP fully operational, ADT pilots in testing, and HPD pilots about to commence
Integration with State of Michigan HIE (SOMHIE)	Green	MiHIN in everyday production with SOM HIE
Connect Sub-State HIEs to MiHIN Shared Services	Green	MHC is live, VPNs in place and initial operational capability for UPHIE, GLHIE, Ingenium (My1HIE), and JCMR
Follow up MU Reporting for public health in production using the Michigan HIE model in full production.	Green	MHC is live, initial operational capability for UPHIE, testing with others
Statewide HIE Available to Every MI Provider	Green	UPHIE is live so the UP has full coverage now, MHC completed expansion for NE Lower michigan, and the other sub-state HIEs are in the final completion of milestones. SEMHIE Completed Milestone 3 with SSA & NwHIN
Planning for Second Phase of Technology	Green	Planning underway for Health Provider Directory and about to commence for Immunization Query
Financial Sustainability Identified & Implemented	Green	Version 1.0 of the MiHIN business plan presented to MiHIN Board

State of Michigan (SOM) HIE		Last Updated 10/18/12		Goal	Status	Notes	Trend
Measure	Previous	Current					
# of Eligible Professionals meeting MU for Public Health	3230	5287	5000	Green	Includes Immunization and Syndromic Surveillance: Working on new goals	 Chart	
# of Eligible Hospitals meeting MU for Public Health	85	85	100	Green	Includes Immunization and Syndromic Surveillance. Denominator: approximately 174: Working on new goals	 Chart	
Data sharing through a connection with MiHIN Shared Services		15883		Green	MiHIN Production Metrics with Public Health available now.	 Chart	
Sub-State HIEs		Last Updated 10/18/12 (3rd Qtr 2012) - quarterly		Goal	Status	Notes	Trend
Measure	Previous	Current					
# of MI providers utilizing sub-state HIEs services	5918	6277	10000	Green	Measures 6 sub-state HIEs operating in MI: Working on new goals	 Chart	
# of reference and hospital laboratories connected (providing data) to a sub-state HIE	53	55	60	Green	Measures 6 sub-state HIEs operating in MI: Working on new goals	 Chart	
# of providers meeting HIE specific MU criteria by utilizing sub-state HIE capabilities.	2479	2629	4832	Green	Structured Lab Results: 1117 CCDs: 1512	 Chart	
# of hospitals/health systems meeting HIE specific MU by utilizing sub-state HIE capabilities:	59	61	60	Green	Structured Lab Results: 48 CCDs: 13	 Chart	

Medicaid EHR Incentive Program						
Updated 10/18/12 - monthly						
Measure	Previous	Current	Goal	Status	Notes	Trend
# of Eligible Professionals receiving Medicaid Incentives	1,310	1,569	4,787	Green	Goal has been updated	 Chart
# of Eligible Hospitals receiving Medicaid Incentives	77	77	130	Green	Goal remains unchanged	 Chart
Amount of Federal Medicaid Incentive Funding Expended	\$89,842,495	\$92,035,789	\$250 million	Green	Goal has been updated	 Chart
Michigan Center for Effective IT Adoption (M-CEITA)						
Updated 10/18/12 - monthly						
Measure	Previous	Current	Goal	Status	Notes	Trend
# of Providers Signed Up to Use M-CEITA Services	4,208	4,242	3,724	Green	M-CEITA has exceeded our goal to reach 3,724 providers by 12.31.2011. This represents full enrollment for M-CEITA subsidized services	 Chart
# of Providers Go-Live on EHRs	2,490	2,601	3,724	Green	M-CEITA exceeded our previous goal to reach 1,700 M2s by 12.31.2011. New goal reflects the total goal for end of program in 2014.	 Chart
# of Providers Reaching Meaningful Use	629	732	1,676	Yellow	Working with ONC, M-CEITA has set a goal of 45% to M3 by 12/31/2012.	 Chart

Beacon Community Collaborative		Updated 10/18/12 - monthly				
Milestone		Status	Notes		Trend	
Clinical Transformation		Green	Activities include: 46 practice sites (36 min required), 121 PCPs, 22,590 diabetic patients (4000 min required), 181,141 total patients affiliated with Beacon practices for CT intervention engaged to date. Patient health navigators for patient engagement (1,576 patients referred to date). ED intervention launched at three hospitals; 7,032 patients tested for A1C levels, 30% pre-diabetic and diabetic. Fourth hospital ED intervention planned for 10-2012. Beacon User Group session held on Oct 5, 2012; practices highly engaged in prep for HIE onboarding, pharmacy intervention under consideration from user group; additional user group sessions planned for Oct and Dec. All intervention practices providing quarterly data on high impact diabetes measures.		↑	
Information Technology and Exchange		yellow	Activities include: HIE architecture implementation work for Medicity Grid, and Covisint CDR and Portal; performing UAT with both vendors during September with plans to complete end-to-end UAT with both vendors by the end of October, and UAT with EHR Bi-Directional Integration by mid-November. Medicity and Covisint are staging and testing the HIE with data from 1 Health System and 4 Pilot Practices. Currently have 11 executed HIE Participation Agreements, including one health system and affiliates, 23 additional practice sites/71 physicians, all FQHCs in Wayne County; Privacy and Security finalized Policies & Procedures. Have successfully executed a contract with one EMR Vendor eClinicalWorks. Finalizing SuccessEHS contract, and having earnest discussions with Allscripts.		→	
Evaluation & Measurement		Green	Activities include: reporting health system, payer and provider submitted data quarterly, analyzing provider and patient surveys, developing supplemental provider qualitative evaluation tools.		↑	
Communications & Outreach		Green	1) Developing a public-facing website and collateral materials to support BeaconLink2Health 2) Ongoing support for txt4health: partner-supported marketing activities, community outreach, and visibility at targeted events. (1,500 enrollments toward 3,000-5,000 program end goal) 3) Communications development activities to support the newly-launched ED initiative.		↑	
Scalability, Sustainability and Research		Green	Activities include: background research and preparation of sustainability and business plan. Executive Board to serve as committee of the whole for review and approval. Targeted completion of plan before year end. Continuing to identify and pursue funding opportunities.		↑	
Midwest Community College HIT Consortium		Updated 10/18/12 - monthly				
Measure	Previous	Current	Goal	Status	Notes	Trend
Lansing Community College students enrolled	235	242	200	Green	150 have completed the program (goal is 200), 50 are currently being trained.	↑
Lansing Community College students placed in related jobs or current job expanded	11	13		Green	Voluntary reporting from students of new positions in Health IT gained after training completion.	

Macomb Community College students enrolled	370	453	300	Green	Students enrolled are total students for the program to date. 304 graduates.	↑
Macomb Community College students placed in related jobs or current job expanded	69	72		Green	Voluntary reporting from students	
Delta College students enrolled	275	242	300	Green	Students enrolled are total students for the program to date. 98 graduates. Revised completion goal - 188 No update for October	↑
Delta College students placed in related jobs or current job expanded	4	4		Green	Voluntary reporting from students	
Wayne Community College students enrolled	333	333	300	Green	156 Successfully Completed the program. Revised Completion Goal - 167	↑
Wayne Community College students placed in related jobs or current job expanded	21	25		Green	Voluntary reporting from students	

KEY:	Green: Progress Being Made, On Target, No Significant Barriers
	Yellow: Moderate Progress, Behind Target, Barriers With Mitigation Strategy Identified & Implementing Corrective Action Successfully
	Red: No Progress, Significantly Behind Target, Barriers Without Mitigation Strategy, Unsuccessful Corrective Action

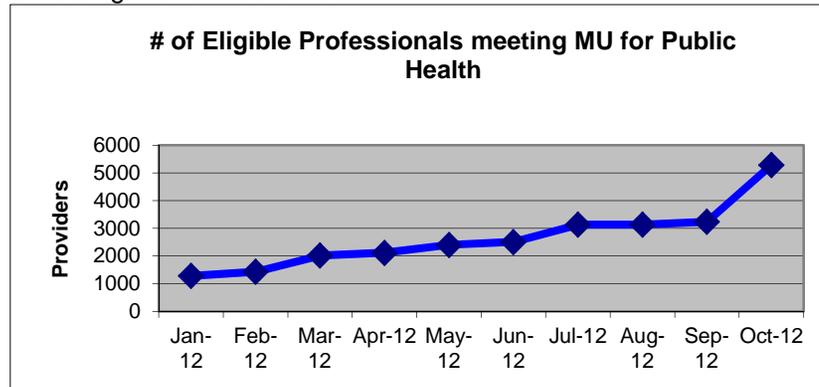
references:

- * # of providers: [2009 MDCH Survey of Physicians - MDs & DOs only providing active care](#)
- * # of hospitals: [Licensing and Regulatory Affairs - includes all acute care, CAH, LTC Hospitals](#)
- * # of independent reference & hospital laboratories - [CLIA 7,100 total labs in state](#) ***needs further work to refine #***

State of Michigan Health Information Exchange Data History

of Eligible Professionals meeting MU for Public Health

Sep-11	413
Oct-11	422
Nov-11	480
Dec-11	537
Jan-12	1276
Feb-12	1424
Mar-12	2012
Apr-12	2109
May-12	2398
Jun-12	2502
Jul-12	3131
Aug-12	3131
Sep-12	3230
Oct-12	5287
Nov-12	
Dec-12	



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MiHIN Monday Metrics (M3) Report

MiHIN production metrics as of 10/1/2012:

	this week	last week
Production messages since May 8, 2012	195339	172367
immunizations	15883	10683
reportable labs	0	0
new messages since Sunday, Sep 23	22972	20593
immunizations	5200	3491
reportable labs	0	0
new sources this week	5	0

MiHIN on-boarding summary:

	This Week	Last Week
sources in full Production*	18	13
sources sending live HL7 data to MCIR	23	18
sources in Test/Quality Assurance	176	177
sources Preparing to On-board	22	25
Qualified Orgs - signed QDSOA	7	7
Qualified Orgs - in MiHIN Production	3	2
Qualified Orgs - in MiHIN Testing	2	3
Qualified Orgs - pending QDSOA	0	0

Production issues:

Messaging restart required Friday	no msgs lost
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MiHIN weekly help desk summary:

known issues	1
Production errors	1
Qualified Organization support	1
on-boarding questions	1
junk/spam	4
total	8

MiHIN security metrics:

	this week	last week
number of accepted incoming connections	36262	45352
number of denied incoming connection attempts	102381	102938
number of ICMP* attempts denied	182	135
most frequently attacked port	443**	443**

* ICMP - e.g. Ping or Traceroute types of tests to access via unprotected ports

** Port 443 (SSL) attacks are typically DOS - traffic in this case is below DOS threshold

Public Health Reporting - Use Case Status:

Use Case	Next Action	Status
immunization reporting (VXQ)	5/8/2012	in production via MiHIN
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-PE</u>		
reportable labs (ELR)	5/8/2012	in production via MiHIN
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
immunization query	10/15/2012	requirements review
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
syndromics	10/17/2012	reviewing use case agreement
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
state lab results	10/9/2012	requirements (review new scope)
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		

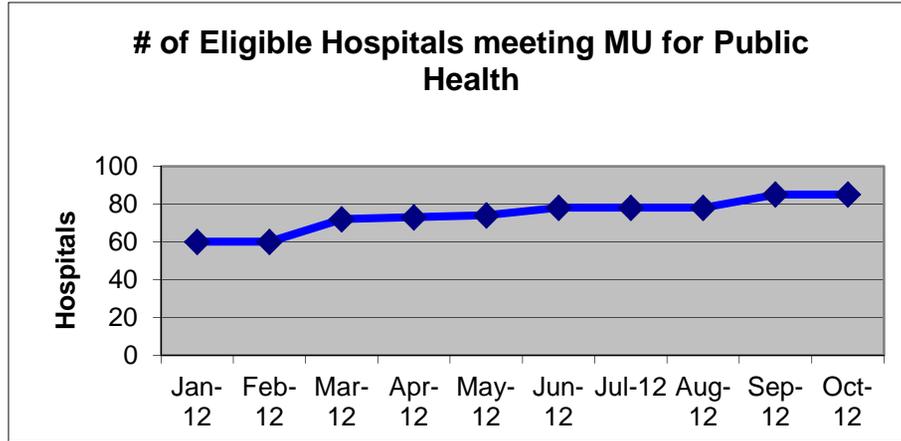
Use Case Agreement (UCA) status key:

NS=not signed, PR=pending review, PE=Partially executed, FE=fully executed

*NOTE: Production is defined as a provider source using MiHIN to send messages through Qualified Organization to a Production Public Health System

State of Michigan Health Information Exchange Data History

Sep-11	42
Oct-11	46
Nov-11	50
Dec-11	56
Jan-12	60
Feb-12	60
Mar-12	72
Apr-12	73
May-12	74
Jun-12	78
Jul-12	78
Aug-12	78
Sep-12	85
Oct-12	85
Nov-12	
Dec-12	

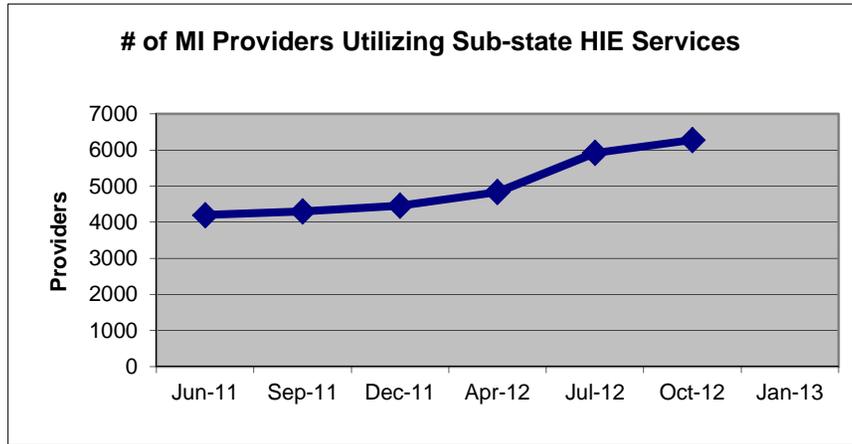


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Sub-State HIEs Data History

of MI providers utilizing sub-state HIEs services

Jun-11	4195
Sep-11	4295
Dec-11	4456
Apr-12	4832
Jul-12	5918
Oct-12	6277
Jan-13	

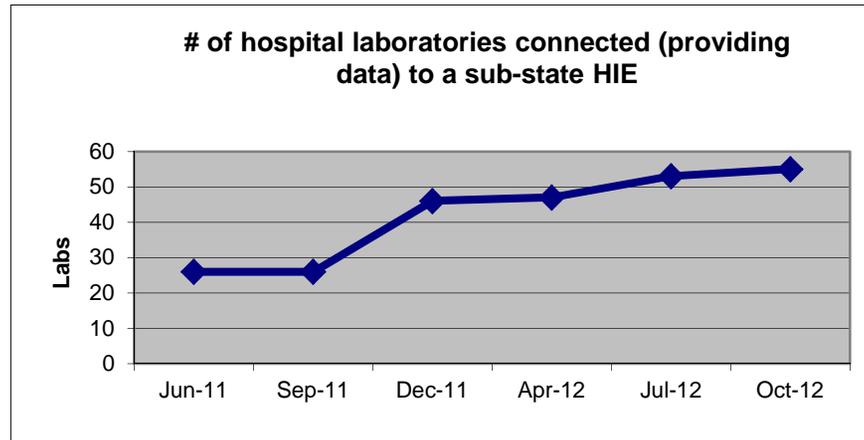


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Sub-State HIEs Data History

of hospital laboratories connected (providing data) to a sub-state HIE

Jun-11	26
Sep-11	26
Dec-11	46
Apr-12	47
Jul-12	53
Oct-12	55
Jan-13	

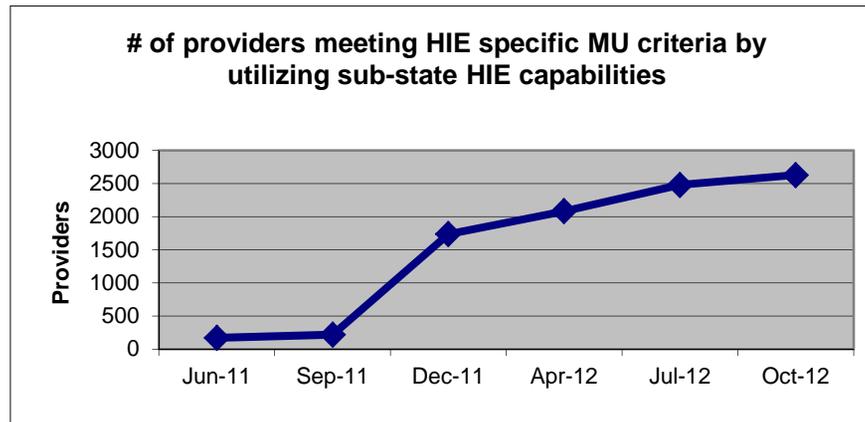


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Sub-State HIEs Data History

of providers meeting HIE specific MU criteria by utilizing sub-state HIE capabilities.

Jun-11	169
Sep-11	216
Dec-11	1737
Apr-12	2083
Jul-12	2479
Oct-12	2629
Jan-13	

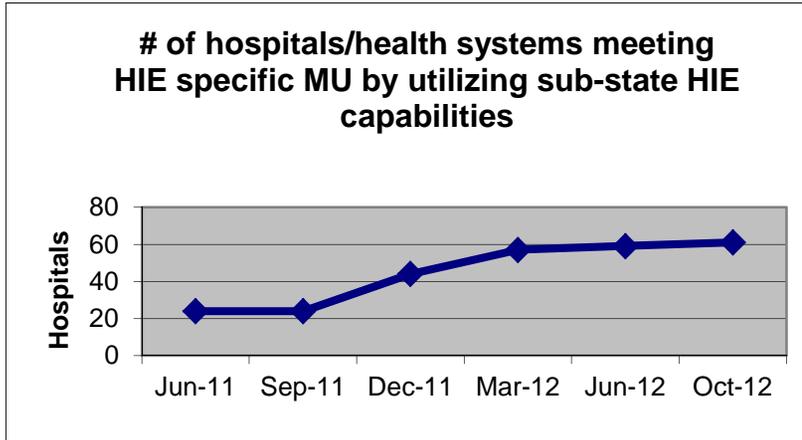


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Sub-State HIEs Data History

of hospitals/health systems meeting HIE specific MU by utilizing sub-state HIE capabilities

Jun-11	24
Sep-11	24
Dec-11	44
Mar-12	57
Jun-12	59
Oct-12	61
Dec-12	

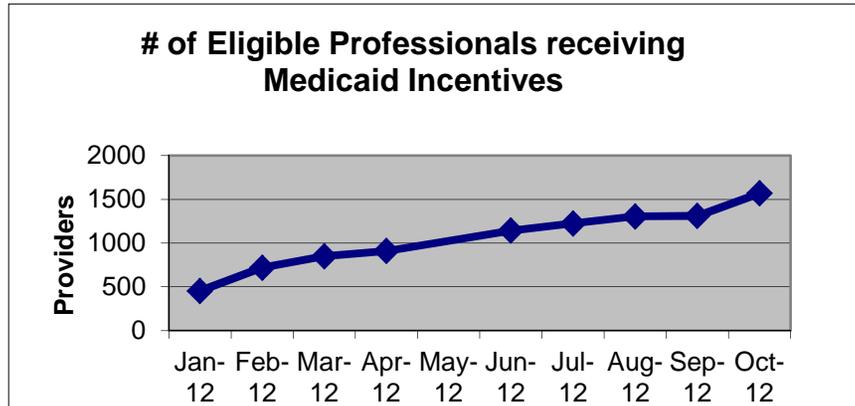


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Medicaid Electronic Health Records Incentives Data History

of Eligible Professionals receiving Medicaid Incentives

Sep-11	155
Oct-11	287
Dec-11	417
Jan-12	453
Feb-12	719
Mar-12	851
Apr-12	911
Jun-12	1,143
Jul-12	1,225
Aug-12	1,306
Sep-12	1,310
Oct-12	1,569
Nov-12	
Dec-12	

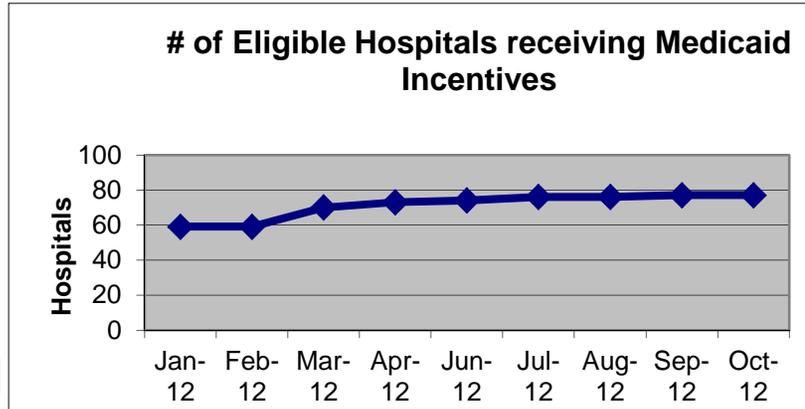


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Medicaid Electronic Health Records Incentives Data History

of Eligible Hospitals receiving Medicaid Incentives

Sep-11	5
Oct-11	13
Dec-11	54
Jan-12	59
Feb-12	59
Mar-12	70
Apr-12	73
Jun-12	74
Jul-12	76
Aug-12	76
Sep-12	77
Oct-12	77
Nov-12	
Dec-12	

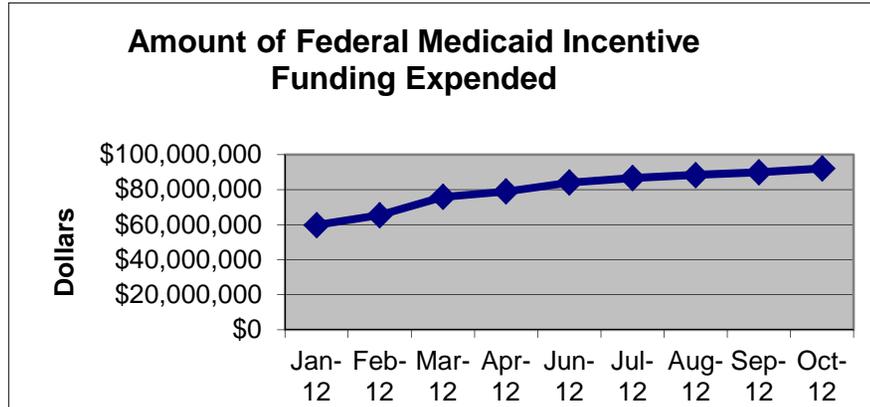


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Medicaid Electronic Health Records Incentives Data History

Amount of Federal Medicaid Incentive Funding Expended

Sep-11	\$9,572,057
Oct-11	\$19,068,446
Dec-11	\$55,301,023
Jan-12	\$59,743,369
Feb-12	\$65,317,954
Mar-12	\$75,863,874
Apr-12	\$78,896,063
Jun-12	\$84,046,541
Jul-12	\$86,557,492
Aug-12	\$88,236,244
Sep-12	\$89,842,495
Oct-12	\$92,035,789
Nov-12	
Dec-12	

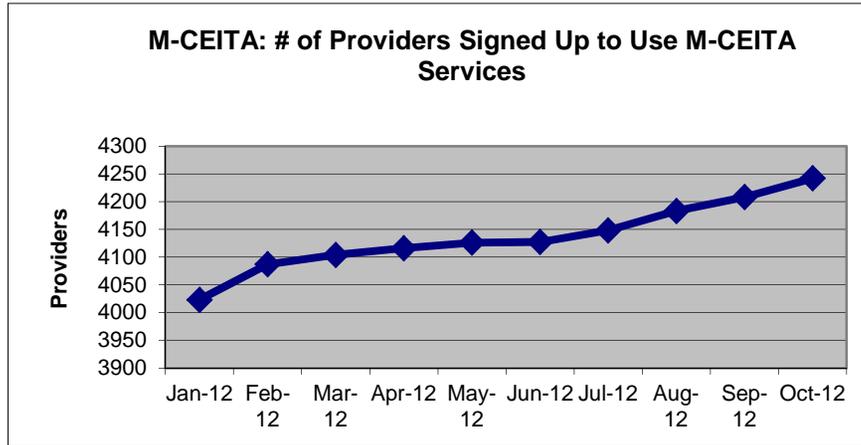


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Michigan Center for Effective IT Adoption (M-CEITA) Data History

of Providers Signed Up to Use M-CEITA Services

Sep-11	2,695
Oct-11	2,786
Dec-11	3,821
Jan-12	4,023
Feb-12	4,087
Mar-12	4,104
Apr-12	4,116
May-12	4,126
Jun-12	4,127
Jul-12	4,148
Aug-12	4,183
Sep-12	4,208
Oct-12	4,242
Nov-12	
Dec-12	

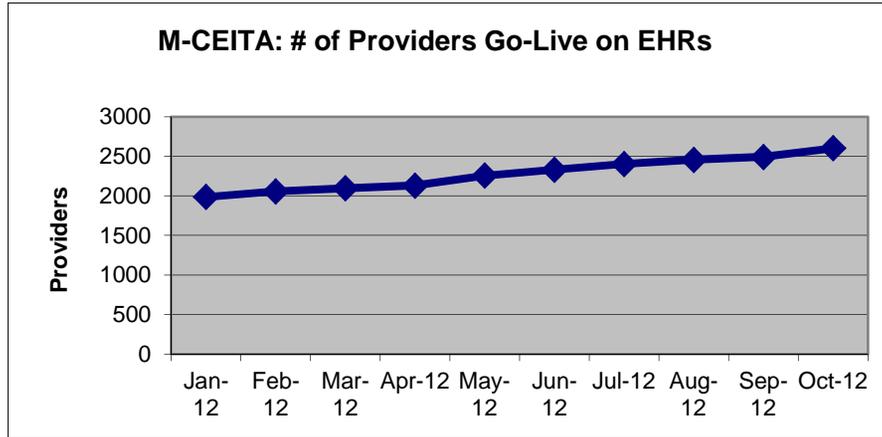


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Michigan Center for Effective IT Adoption (M-CEITA) Data History

of Providers Go-Live on EHRs

Sep-11	736
Oct-11	859
Dec-11	1,324
Jan-12	1985
Feb-12	2057
Mar-12	2094
Apr-12	2,129
May-12	2,256
Jun-12	2,330
Jul-12	2403
Aug-12	2,454
Sep-12	2,490
Oct-12	2,601
Nov-12	
Dec-12	

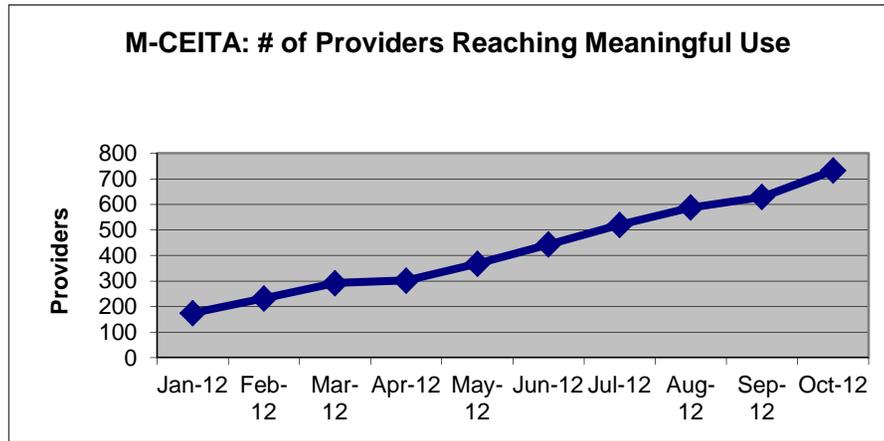


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Michigan Center for Effective IT Adoption (M-CEITA) Data History

of Providers Reaching Meaningful Use

Sep-11	5
Oct-11	12
Dec-11	84
Jan-12	175
Feb-12	232
Mar-12	292
Apr-12	302
May-12	368
Jun-12	443
Jul-12	520
Aug-12	588
Sep-12	629
Oct-12	732
Nov-12	
Dec-12	



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