

Michigan Health Information Technology Commission May 28, 2019

The Michigan Health Information Technology Commission is an advisory Commission to the Michigan Department of Health and Human Services and is subject to the Michigan open meetings act, 1976 PA 267, MCL 15.261 to 15.275

May 2019 Meeting Agenda

ltem	Lead Presenter(s)
A. Welcome and Introductions	Chair
B. Commission Business a. Review of February 2019 Minutes	Chair
C. Health Information Technology (HIT)/Health Information Exchange (HIE) Update a. MDHHS Leadership Updates b. Update on Resolutions	Meghan Vanderstelt (MDHHS)
D. Healthcare Information and Management Systems Society (HIMSS) Update a. Interoperability Strategy b. Connecting Michigan for Health 2019 Proposals	TBD
E. Proposed HIT Commission HIT/HIE Strategy	Chair
F. MiHIN Shared Services: "Advancing Interoperability" Presentation moved to September 2019 meeting	TBD
G. HIT Commission Next Steps	Chair
H. Public Comment	
J. Adjourn	



Welcome and Introductions



Commission Business



HIT/HIE Update

Meghan Vanderstelt (MDHHS)



April 2019 HIT Commission Update

Governance
Development and
Execution of Relevant
Agreements

- Data sharing legal agreements executed to date:
 - 163 total Trusted Data Sharing Organizations
 - 656 total Use Case Agreements/Exhibits
- Collective Medical Technologies has fully executed the Simple Data Sharing
 Organization Agreement (SDSOA), Master Use Case Agreement (MUCA), Active
 Care Relationship Service (ACRS) UCE, Admission Discharge, Transfer
 Notifications (ADT) UCE, Health Provider Directory (HPD) UCE, Common Key
 Service (CKS) UCE, and the Enhanced Care Collaboration Connectivity Pilot Activity
 Exhibit (PAE)
- Lake Huron PHO has fully executed the SDSOA, MUCA, ACRS UCE, ADT UCE and HPD UCE

Technology and Implementation Road Map Goals

- 93 Statewide Lab Result Senders in full production sending to MiHIN:
 - 173,675,104 labs sent to MiHIN total
 - 53,571,847 labs routed outbound from MiHIN since 3/27/2018 (first pilot go-live)
- 43 organizations in production for the QMI UC
 - 43 organizations sending all payer supplemental files under QMI
- 935 Admission Discharge Transfer senders in production
- 153 Admission Discharge Transfer receivers in production



April 2019 HIT Commission Update

QO & VQO
Data Sharing

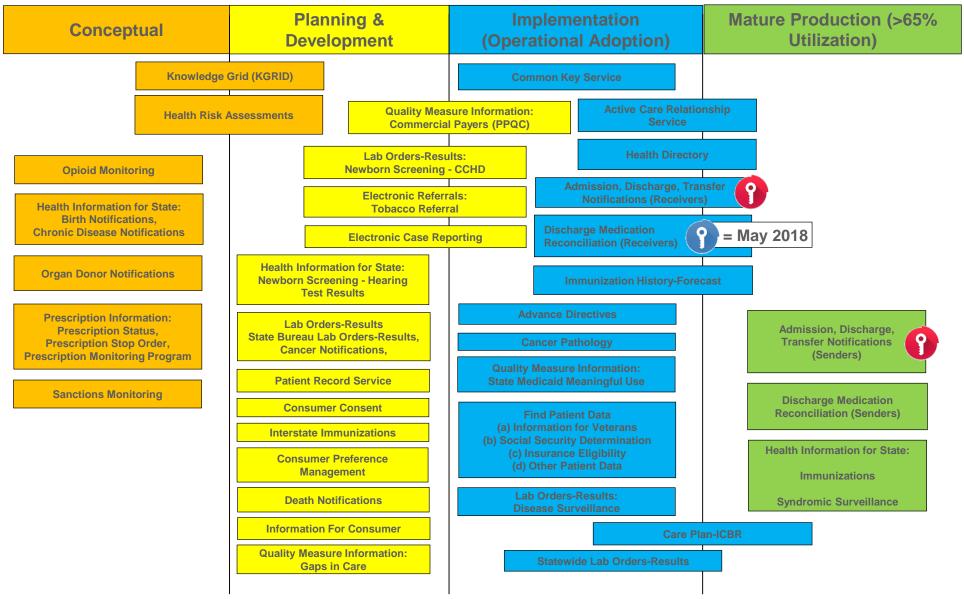
- More than 2.89 *billion* messages received since production started May, 2012
 - Averaging 20.28 MLN+ messages/week
 - Averaging 14 MLN+ ADT messages/week; 1.55 MLN+ public health messages/week
- Sent **876,896,206** ADTs outbound as of 5/1/2019
- Messages received from use cases in production:
 - 2,725,426 Reportable Lab results sent to MiHIN
 - 44,923,818 Immunization History/Forecast queries to MCIR
 - 47,952,547 Medication Reconciliations at Discharge received from hospitals
 - 90,462 Care Plan/Integrated Care Bridge Records sent from ACOs to PIHPs
- 33.8 MLN+ patient-provider relationships in Active Care Relationship Service (ACRS)
- 11.75+ MLN unique patients in ACRS
- 138,003 unique providers in statewide Health Directory
 - 41,964 total organizations
 - 447,552 unique affiliations between providers and entities in HD

MiHIN Shared Services Utilization

- Common Key Service currently has 43 senders and 10 receivers
- 241 Skilled Nursing Facilities (SNFs) sending ADTs 57% of SNFs in Michigan
- 60 Home Health Agencies (HHAs) sending ADTs



MiHIN Statewide Use Case and Scenario Status

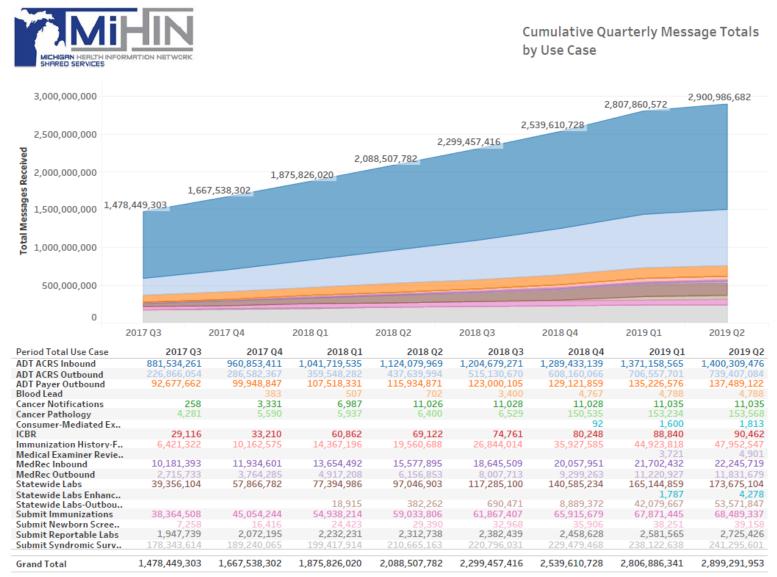








April 2019 HIT Commission Update



Medicaid Promoting Interoperability Program

April 2019 Dashboard

	Reporting Status	Prior # of Incentives Paid (March)	Current # of Incentives Paid (April)	PY Goal: Number of Incentive Payments	PY Medicaid Incentive Funding Expended
Eligible	MU 2016	2478	2479	2480	\$22,690,796
Professionals (EPs)	MU 2017	2432	2448	3500	\$20,568,572
	MU 2018	34	273	2750	\$2,317,667
Eligible Hospitals (EHs)	MU 2016	12	12	22	\$2,093,294
	MU 2017	4	4	8	\$757,670
	MU 2018	0	0	6	\$0

Cumulative Incentives for EHR Incentive Program 2011 to Present				
	Total Number of EPs & EHs Paid	Total Federal Medicaid Incentive Funding Expended		
AIU	7346	\$ 232,789,572		
MU	10775	\$ 176,479,065		

Key: AIU= Adopt, Implement or Upgrade MU= Meaningful Use

Michigan Medicaid Program – April 2019





Michigan Medicaid PI Program

Supporting providers in Michigan with high volumes of Medicaid patients in achieving Meaningful Use.

Program Goals

- Assist 600 Specialists in their first year of Meaningful Use
- Assist 2350 Providers in any year of Meaningful Use

Ongoing Program Metrics

- 4344 Sign-ups for MU Support representing 2815 unique providers
- 2589 Total Meaningful Use Attestations to date
- 504 total Program Year 2018 attestations recorded to date with an additional approximately __ pending documentation.

Other program highlights:

M-CEITA received a message of gratitude from State of MI Medicaid PI Program management for the diligent work done in supporting the inaugural year of electronic Clinical Quality Measure reporting via MiHIN's CQMRR. M-CEITA staff were instrumental in identifying, troubleshooting, and resolving both CEHRT vendor and SOM system barriers preventing eligible providers from meeting the electronic submission requirement.

Program year 2019 client engagements continue with M-CEITA staff educating providers on Stage 3 objectives, encouraging early adoption of 2015 CEHRT, and identifying workflow and process improvements needed to successfully meet program requirements. Early CEHRT reports indicate that there is much work to be done to ensure vendors are accurately capturing data in compliance with the CMS specifications for many of the new Stage 3 measures.

M-CEITA has begun development of educational webinar offerings with the aim of increasing knowledge of program relevant HIT topics and engaging providers in CEHRT driven quality improvement processes.

Project Contact

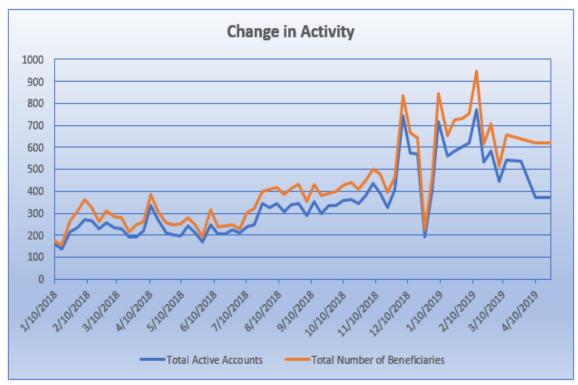
Project Lead: Amanda Chappel <u>Amanda.Chappel@Altarum.org</u>

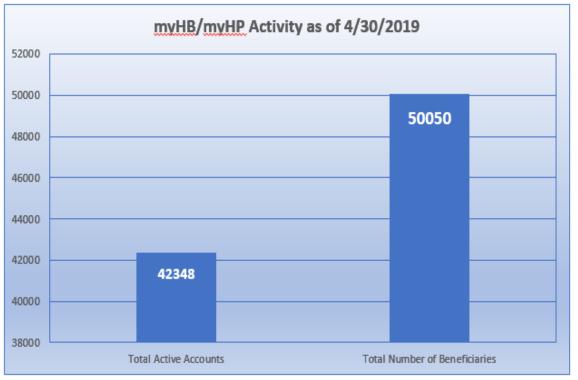
Funder: CMS funding administered by the Michigan Department of Health & Human Services (MDHHS)



myHealthButton/myHealthPortal April Dashboard









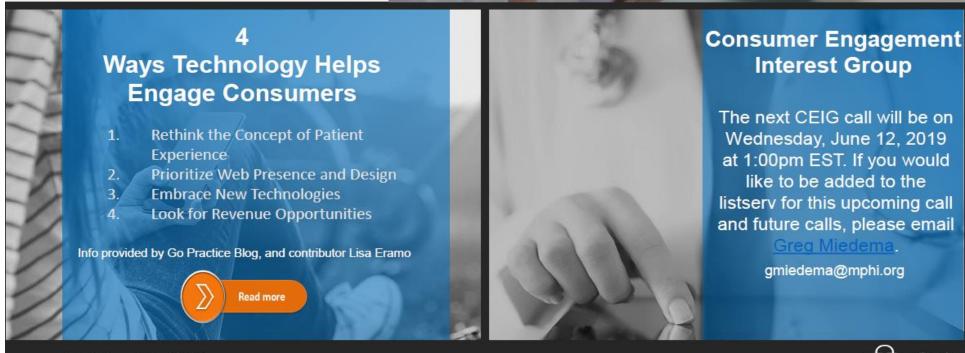
CONSUMER ENGAGEMENT DASHBOARD | April 2019

Outreach & Education

myHB | myHP Resources Page

The MichiganHealthIT website is now home to the myHealthButton/myHealthPortal resources page. Use this <u>link</u> to learn more about some of the outreach, marketing tools and other supporting documents for these applications.





HIMSS Update





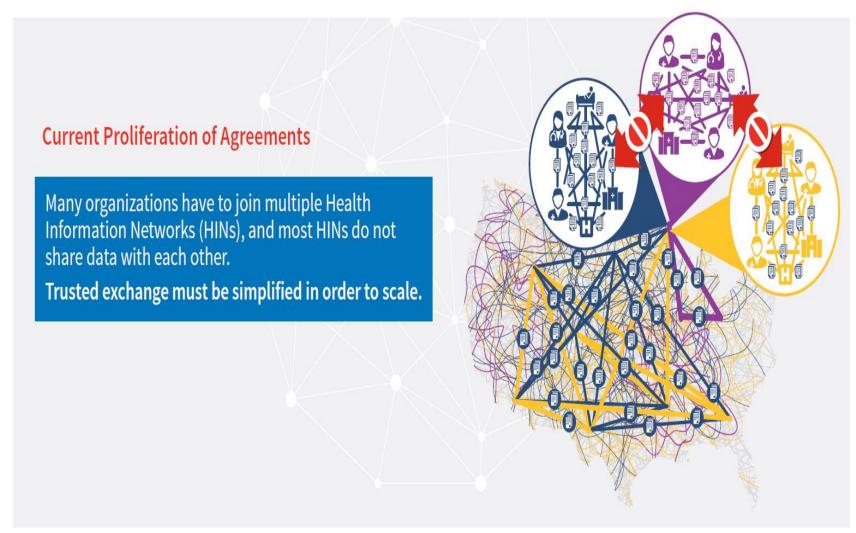
Trusted Exchange Framework and Common Agreement Draft 2

Michigan Health Information Technology Commission Meeting

May 28, 2019



Current Complexity





TEFCA Draft 2 Specifics

- Three Goals
 - Provide a single "on-ramp" to nationwide connectivity
 - Enable EHI to securely follow the patient when and where it is needed
 - Support nationwide scalability
- Exchange Modalities
 - Targeted Query, Broadcast Query, Message Delivery
- Exchange Purposes
 - Treatment, Quality Assessment, Public Health, Individual Access Services

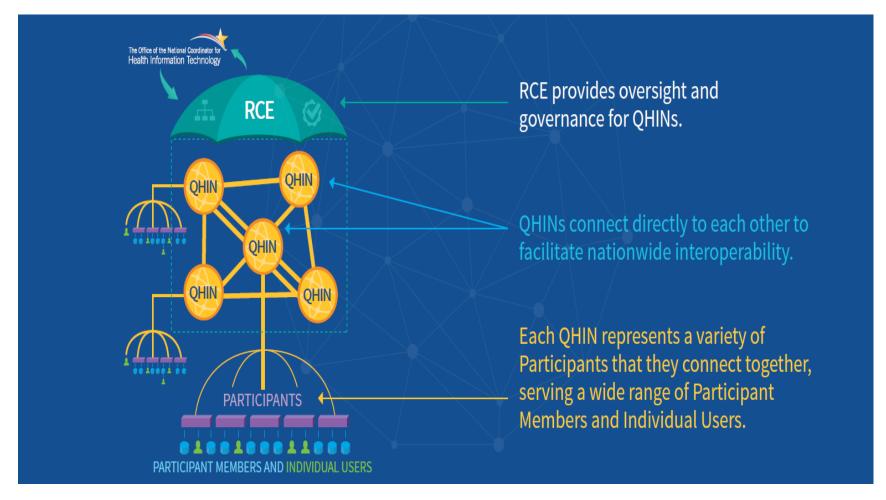


Common Agreement Specifics

- Will provide governance necessary to scale functioning system of connected HINs and allow for evolution
- Three Parts
 - Minimum Required Terms and Conditions (MRTCs)
 - QHINs who agree to the CA would abide by
 - Additional Required Terms and Conditions (ARTCs)
 - Necessary for the day-to-day operation of an effective data sharing agreement
 - QHIN Technical Framework
 - Specifies functional and technical requirements for exchange among QHINs

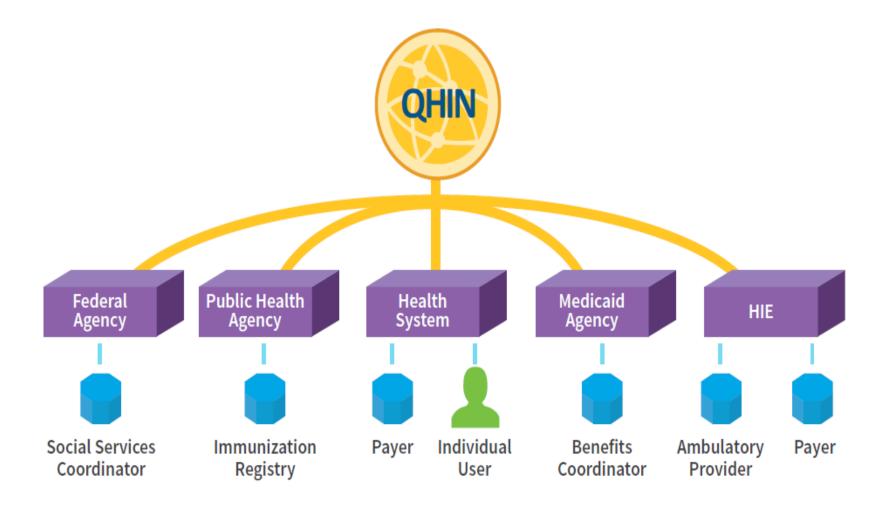


How Will the Common Agreement Work?





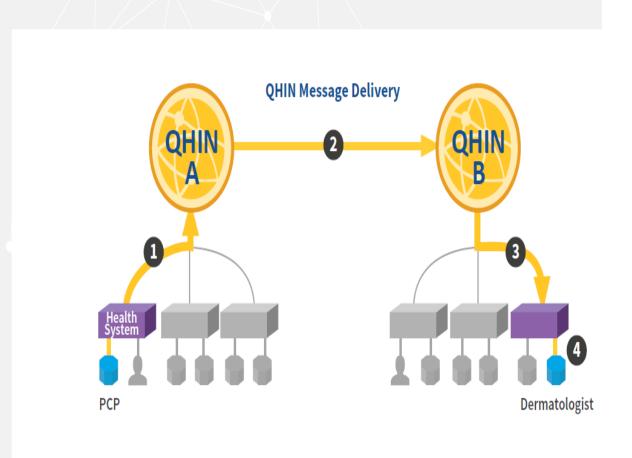
Sample QHIN





Exchange Purpose Example

- Primary Care Provider (PCP)
 (Participant Member) refers patient
 to Dermatologist, and sends care
 summary to QHIN A for Treatment
- QHIN A initiates QHIN Message
 Delivery to send care summary to the appropriate QHIN B
- **3** QHIN B sends care summary to the appropriate Participant
- Participant delivers care summary to the Dermatologist (Participant Member)



*Only applies to HIPAA covered entities and business associates



QHIN Designation Requirements

- An HIN must meet certain prerequisites, including:
 - Already operating a network that provides the ability to locate and transmit EHI between multiple persons or entities electronically, with existing persons or entities exchanging EHI in a live clinical environment
 - Providing the RCE with a written plan of how it will achieve all of the requirements of the Common Agreement within a specified time period

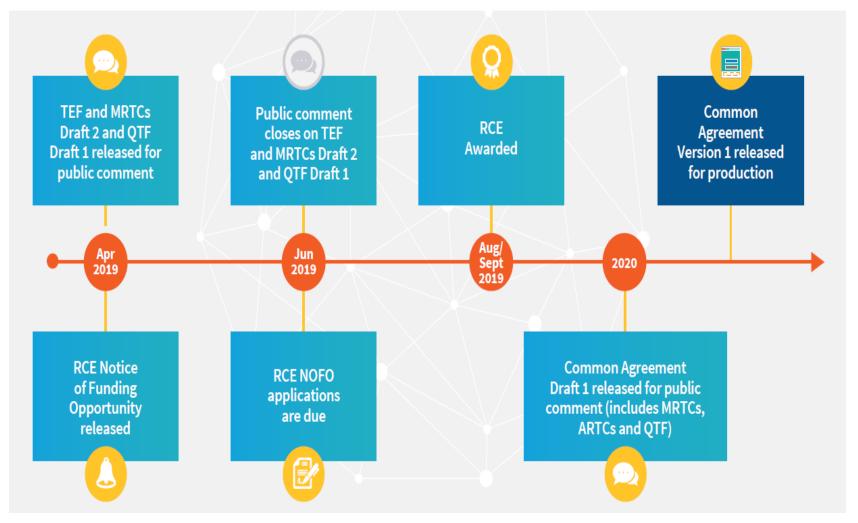


Allowable Fees

- QHINs must use reasonable and non-discriminatory criteria if it charges any fees to another QHIN
 - QHINs may not charge another QHIN any amount to exchange EHI for Individual Access Services
 - QHINs may not impose any other fee on the Use or further Disclosure of the EHI once it is accessed by another QHIN
- Any additional requirements around fees will be specified in the ARTCs



Implementation Timeline





Intersection with ONC and CMS Interoperability Proposed Regulations

- ONC Regulation
 - RFI on requiring health IT developers to participate in TEFCA
 - Adherence to the Common Agreement as an Information Blocking Exception
- CMS Regulation
 - Payers required to participate in "Trust Networks"



Questions and Discussion





HIMSS PUBLIC POLICY

Michigan Health Information Technology Commission Meeting

HIMSS State Government Affairs Update

Valerie Rogers, MPH, Director, State Government Affairs HIMSS

May 28, 2019



transforming health through information and technology

HIMSS Public Policy Efforts

- Ensure HIMSS is the trusted organization global government policy leaders involve as thought leaders, collaborators and conveners on all policy matters where health information and technology advance healthcare transformation --
- Leverage diverse member and organizational resources, and coalition-building capabilities to support government decision making
- Harness the value of health information & technology to:
 - Supporting Healthcare Transformation
 - Expanding Access to High Quality Healthcare
 - Increasing Economic Opportunity
 - Making Communities Healthier



HIMSS Strategic Advocacy Framework

Focus on the value of health information and technology through:

- 1. Supporting Healthcare Transformation
 - Ensuring interoperability across the spectrum of care
- 2. Expanding Access to High Quality Care
 - Particularly for underserved and remotely located patient populations
- 3. Increasing Economic Opportunity
 - Expanding health IT workforce
- 4. Making Communities Healthier
 - Public and population health

State Priorities in Health IT

- Health System Modernization
- Medicaid
- Telehealth and broadband
- SDoH
- Interoperability & health information exchange
- Cybersecurity
- Patient privacy
- Public health crises (e.g. natural disasters; opioid crisis, infectious disease) where health IT plays a valuable role
- Public-private partnerships
- Federal-state funding mechanisms
- New technologies: Blockchain in healthcare, etc.

HIMSS PUBLIC POLICY

CMS guidance for states in Combatting the Opioid Crisis and MMIS Modernization includes:

- Singles out telemedicine and prescription monitoring tools as useful in the effort to combat the opioid crisis
- Allows expanded use of Medicaid Information Technology Architecture (MITA), which gives a 90% match in federal funds for the development of a state-run HIT project, and 75% match to maintain these projects
- CMS issued a State Medicaid Director letter, "Strategies to Address the Opioid Epidemic" (SMD 17-003)7 on November 1, 2017, to describe state flexibility in addressing the opioid crisis via demonstration projects under section 1115 of the Social Security Act.
- The enhanced federal match for MITA and the HITECH Act applies to all states and territories irrespective of participation in a section 1115 demonstration project.

What is Telehealth and Why Should We Care?

EXPECTATIONS!!!

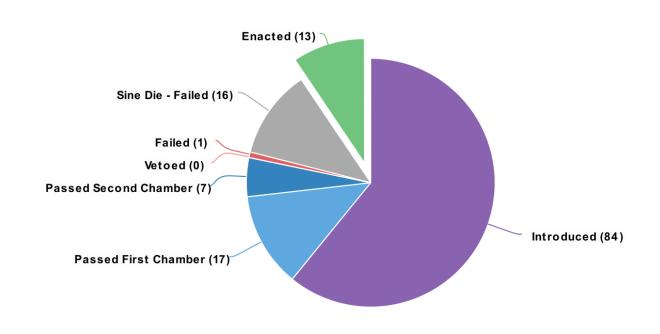
- A demand which is upon us today by federal and state leaders, and by the consumer is to have <u>accessible</u> more <u>affordable</u> care.
- It is estimated that 77% of Americans own smartphones and use their device for daily tasks
- Legislators are expecting solutions for reducing healthcare spend and improving patient outcomes
- Healthcare executives expect innovative thinking when developing programs which provide a service to the community

Telehealth/telemedicine Legislation: ENACTED in Midwest

Results Count Per Legislature



Status Breakdown



13 bills enacted in Midwest relating to telehealth/telemedicine

Telehealth Program Challenges cont.

- Inadequate telehealth parity laws and reimbursement
- Differentiating telehealth regulations between governing bodies
- Integration between solution platforms
- Patient education
- Segmented systems creating workflow challenges
- Perception



Looking Towards the Future

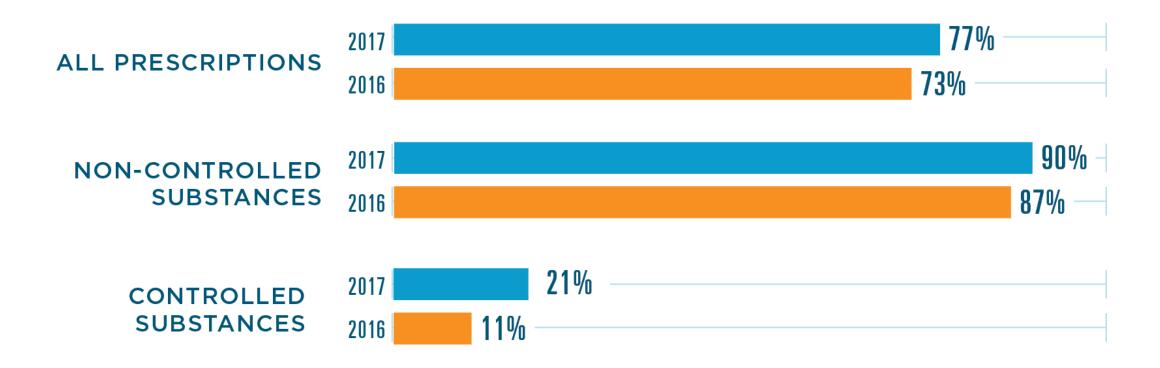
- Artificial Intelligence (AI)
- Chat bots
- Expanded remote patient monitoring capabilities
- Hospital at home
- Moving beyond the direct to consumer model
- Greater utilization of connected devices
- Deeper integration amongst delivery platforms
- Asynchronous telehealth communications
- 5G mobile cellular phone technologies
- Expanded broadband as commented by the FCC



CDC Opioid Grant Conditions Empower States Response to the Opioid Crisis

- The CDC and Department of Justice's Bureau of Justice Assistance have <u>required</u> membership in RxCheck, an open-source data-sharing hub, as a condition for the grants. The hub is intended to facilitate data-sharing between states at a <u>lower price</u> than private-sector competitors, PMP InterConnect and PMP Gateway, the federal government says.
- Federal officials say the private hubs charge too much to integrate PDMP checks into a clinician's EHR, considered critical to make the checks feasible. Appriss, the vendor that co-operates InterConnect and Gateway, says it charges \$50 per subscriber per year for the integration service, with some discounts for states or health systems. It has to charge something to cover its costs, Appriss says.
- States had objected to the federal government's conditions because their language appeared to give
 the government rights to transfer PDMP data, but the federal government has said that's not its
 intention. A spokesperson for New Jersey's Department of Health said the state was "optimistic" about
 the grant after getting privacy assurances. Arizona, Louisiana and Ohio have also applied for the
 grants.

E-PRESCRIBING



*Calculations do not account for unfilled prescriptions

States with enacted EPCS legislation

As of 2015, all 50 states plus the District of Columbia have approved EPCS for all schedules

States with Enacted Legislation				
State	Effective Date	Additional Info	Prescriber EPCS Enablement*	Pharmacy EPCS Enablement*
Minnesota	01/01/2011	Requires e-prescribing for <u>all</u> medications, including controlled substances, but there are no specific penalties for non-compliance.	31.1%	96.3%
New York	03/27/2016	The I-STOP mandate requires <u>all</u> prescriptions, including controlled substances, to be electronically prescribed.	76.3%	98.2%
Maine	07/01/2017	Requires e-prescribing for all controlled substances containing opiates. It also has provisions that limit the durations and quantities of opioid prescriptions. The mandate allows prescribers to apply for waivers. There are specific penalties for not adhering to the law (\$250/violation up to \$5,000/calendar year).	64.3%	99.3%
Connecticut	01/01/2018	Requires e-prescribing for all controlled substances. This bill allows for exceptions and waivers, but does not include any specific penalties.	57.4%	99.2%
Arizona	01/01/19 & 07/01/19	Requires EPCS for Schedule II opioids on a staggered implementation basis, i.e., the mandate is effective in counties with populations of >150,000 on 01/01/19 and on 07/01/19 in counties of <150,000. There are exceptions, but no waivers or penalties are included in the law.	27.6%	98.0%
New Jersey	05/01/19	Requires EHR vendors operating in NJ to adopt EPCS for Schedule II controlled substances no later than one year after the effective date of the bill.	13.4%	97.7%

States with enacted EPCS legislation

As of 2015, all 50 states plus the District of Columbia have approved EPCS for all schedules

States with Enacted Legislation				
State	Effective Date	Additional Info	Prescriber EPCS Enablement*	Pharmacy EPCS Enablement*
Pennsylvania	10/24/2019	Requires prescribing for all controlled substances. The bill includes multiple exceptions, the possibility of exemptions (waivers) and specific dollar penalties for noncompliance. Department of Health & Human Services implementing regulations will be forthcoming.	21.5%	96.9%
lowa	01/01/2020	Requires e-prescribing for <u>all</u> prescriptions, including controlled substances. The law includes the possibility of waivers and exceptions and specific penalties for noncompliance.	13.1%	97.8%
Massachusetts	01/01/2020	Requires e-prescriptions for Schedules II through VI. (Massachusetts statute states that Schedule VI drugs consist of all prescription drugs that are not included in Schedules II-V, which effectively means that e-prescribing will be required for <u>all</u> prescriptions.) The law includes the possibility of waivers and exceptions, but there is no mention of specific penalties.	15.1%	97.4%
North Carolina	01/01/2020	Requires e-prescribing for "targeted" controlled substances, which means Schedule II and III opioids. It does not mention waivers or specific penalties.	37.6%	97.0%
Oklahoma	01/01/2020	Requires e-prescribing for all controlled substances. The law includes the possibility of waivers and exceptions, but there is no mention of specific penalties. In addition, on 06/17/2018, the Oklahoma Board of Pharmacy adopted a regulation stating that "Any pharmacy that dispenses controlled dangerous substances shall have computer software that supports EPCS by January 1, 2019."	14.9%	98.9%

States with enacted EPCS legislation

As of 2015, all 50 states plus the District of Columbia have approved EPCS for all schedules

States with Enacted Legislation				
State	Effective Date	Additional Info	Prescriber EPCS Enablement*	Pharmacy EPCS Enablement*
Rhode Island	01/01/2020	Requires e-prescribing for all controlled substances "no sooner than January 1, 2020," pursuant to regulations adopted by the RI Department of Health.	29.7%	100%
Virginia	07/01/2020	Requires e-prescribing for all prescriptions containing opiates and prohibits pharmacists from dispensing opiate prescriptions unless they are electronic. The law does not mention waivers or exceptions, but the VA E-Prescribing Work Group has recommended that exceptions be adopted and that the pharmacist mandate be modified. These recommended changes are due to be considered during the 2019 VA legislative session.	13.9%	96.7%
Tennessee	07/01/2020	Requires e-prescribing for all Schedule II Controlled Substances. The law includes the possibility of waivers and exceptions. There is the potential for specific penalties for noncompliance with the law, i.e., a civil penalty of \$1,000 for each violation. Prescribers who issue 50 or fewer prescriptions for Schedule II controlled substances per year are exempt from the law's requirements.	20.8%	96.5%
California	01/01/2022	Requires that health care practitioners authorized to issue prescriptions have the capability of transmitting prescriptions electronically, as well as requires that pharmacies have the capability to receive prescriptions electronically, by 01/1/2022. On and after 01/01/2022, all prescriptions must then be transmitted electronically. The law includes exceptions, and it states that the failure to meet the requirements of the law shall result in a referral to the appropriate state professional licensing board solely for administrative sanctions as deemed appropriate by that board.	26.3%	93.5%

States with EPCS Legislation Introduced

Industry stakeholders expected to pursue additional legislation in another 5-10 states in 2019

States with Legislation Introduced				
State	Proposed Effective Date	Additional Info	Prescriber EPCS Enablement*	Pharmacy EPCS Enablement*
Michigan	01/01/2020	SB 802 will require e-prescribing for opioids and benzodiazepines, both for prescribers and pharmacies. The bill does not mention exceptions, but it does allow for waivers and includes specific penalties.	28.5%	98.0%
Illinois	01/01/2022	SB 2058 will mandate e-prescribing for <u>all</u> drugs, including controlled substances, and medical devices. There is no mention of exceptions, waivers, or specific penalties, but the bill does require the Department of Health & Human Services to adopt rules governing the use of electronically transmitted prescription orders.	20.2%	95.1%

Social Determinants of Health and Information Technology

- MA H 2002 An Act advancing innovations in digital health technology to improve patient outcomes and the quality of health care delivered in the commonwealth by developing a plan to complete the implementation of electronic health records systems by <u>all providers</u> in the commonwealth; and advance the commonwealth's economic competitiveness by supporting the digital health industry, including the digital health industry's role in improving the quality of health care delivery and patient outcomes
- NC SB 549 Establishes a pilot project is to establish a trauma-informed integrated health foster care model to facilitate partnerships between county departments of social services and local management entities/managed care organizations (LME/MCOs) regarding children placed in foster care
- CA AB 887 Establishes an Office of Health Equity, reporting to the CA Surgeon General and advises and assists other state departments in their mission to increase the general well-being of all Californians, and advises the Governor on a comprehensive approach to addressing health risks and challenges as effectively and early as possible.

7 Factors Influencing States' Health IT Planning Efforts

- 1. Health reform and achieving the Triple/Quadruple Aim
- 2. Increased emphasis on consumer engagement in their health
- 3. Need for integration of **health related social needs**
- 4. Need for **common**, **coordinated**, **tools** and services
- 5. Focus on broad interoperability and information sharing
- 6. The need to **reduce gaps and overlaps** in statewide health information tools <u>carvices</u>.

s that reflect real world situation and are implementable

How Do We Begin to Get There?

Improving Healthcare and Public Health with out of the box thinking while focusing on the Triple Aim...

- 1. Improving the patient experience
- 2. Reducing the per capita costs of health care
- 3. Improving the health of populations overall



2019 Connecting Michigan for Health Conference Explores Trends in Statewide Health IT Roadmaps

From To

Focus on Technology → Support of Common Capabilities

Focus on Medical Needs → Focus on Healthier Residents

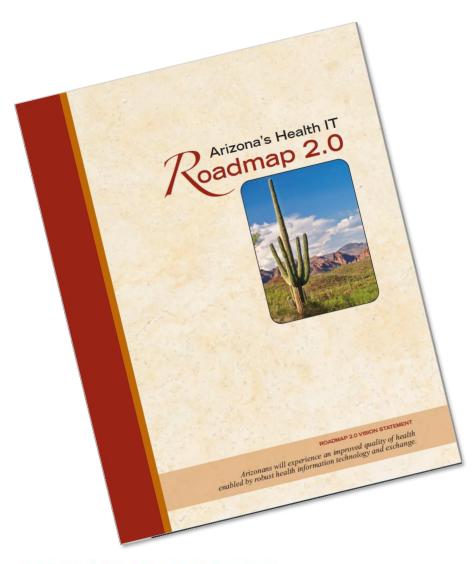
Focus on Provider \rightarrow Focus on Needs of Whole Person

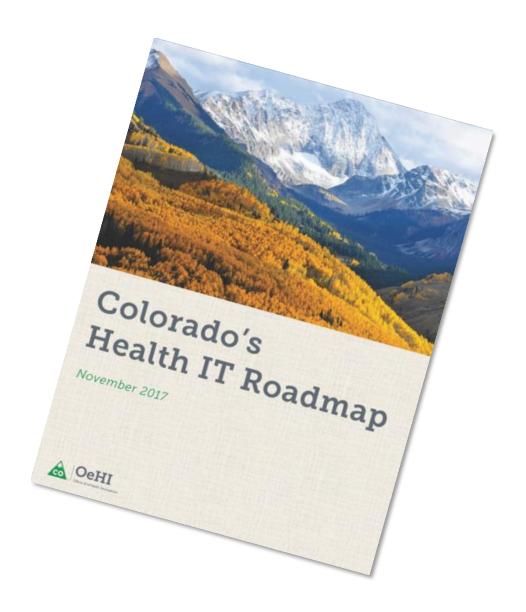


Attributes of a Successful Statewide Health IT Roadmap

A successful Statewide Health IT Roadmap is <u>actionable</u> and <u>sets the stage</u> for successfully achieving the future vision.

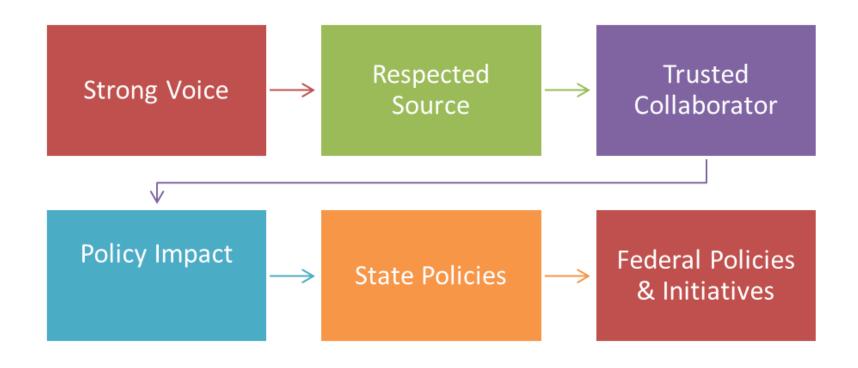
- > There is a broad sense of **ownership** of Roadmap
- There is an <u>agreed upon path</u> (the initiatives) that will be taken to make the vision a reality
- There is <u>agreement and collaboration</u> among wide cross-section of stakeholders to implement the plan
- It's something you and others can believe in





HIMSS PUBLIC POLICY

Build meaningful & sustainable partnerships



CONNECTING MICHIGAN FOR HEALTH 2019

Options for collaboration between HITC members, HIMSS staff, ONC and other speakers include:

Monday, June 3rd

- Legal Summit Jeff Coughlin will be speaking on the legal ramifications of interoperability 9:30am 11am
- Dinner with HIMSS, federal, state and local speakers

Tuesday, June 4th

- Join Jeff Coughlin and Valerie Rogers at 12 noon to continue discussion on Federal & State Health IT Policy Solutions to Connect Michigan's Spectrum of Care
- Connecting Michigan debrief 1-2pm
- Reception at Connecting Michigan at 5 pm

Join us for stakeholder discussions throughout conference!

HIMSS PUBLIC POLICY

Questions? Contact us!



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Proposed HIT Commission HIT/HIE Strategy

Thomas Simmer, M.D., Co-Chair



HIT Commission Next Steps



Public Comment



Adjourn

Next Tentative Meeting for 2019:

Tuesday, September 24, 2019, 1:00 p.m. – 3:00 p.m. MDHHS South Grand building, Grand Conference Room

