

Michigan Health Information Technology Commission

September 22, 2020

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

Virtual "Housekeeping" Guidelines



Access

- This meeting is being recorded.
- For members calling into the meeting and unable to use web-based meeting features, an open comment periods will be offered at the end of the meeting.
- If at any time you have accessibility or technical issues during the meeting, please contact youngquist1@michigan.gov or jacksonc47@michigan.gov



Interacting

- Web cam video display is reserved for commissioners and presenters.
- The group chat will be monitored and utilized throughout the meeting. Any questions or comments raised in the group chat will be read aloud.
- Unless otherwise specified, all attendees (besides the presenter) will be muted during a presentation. This rule will reduce background noise or "feedback."



Public Participation

- Except for the public comment period, public participants should remain muted unless invited to speak by the commission.
- Per the Michigan Open Meetings Act, disclosing your identity in this meeting is not required.
- The public comment period will be accessible for multiple modalities at the end of the meeting.

September 2020 Meeting Agenda

Item	Presenter(s)	Time
Welcome and Introductions A. Introduce New Commissioner	Chair	5 minutes
2. Commission Business A. Review of 6/25/2020 Minutes	Chair	5 minutes
3. MDHHS Update	Trevor Youngquist (MDHHS)	5 minutes
4. Blue Cross Blue Shield of Michigan (BCBSM) "Electronic Health Record (EHR) Vendor Initiative" Overview	Danny Zajac (BCBSM)	45 minutes
5. Update on Health IT Roadmap A. Project Update B. Roadmap Steering Committee (RSC) Update	CedarBridge Group, RSC	45 minutes
6. Public Comment		
7. Adjourn		



1. Welcome and Introductions

Chair



Welcome!

Effective August 4, 2020, Governor Gretchen Whitmer appointed one new commissioner:

Allison Brenner, **PharmD**, is the Senior Director for Clinical Informatics Medical Outcomes Specialists at Pfizer. She represents the pharmaceutical industry.





2. Commission Business

Chair



3. MDHHS Update

Trevor Youngquist (MDHHS)



MDHHS Update

Beginning in late August, the MDHHS Policy and Planning Administration sent an introductory message to 650+ stakeholders, inviting them to participate in engagement for the health IT roadmap.





MDHHS Update

- On October 14, the Michigan Public Health Institute (MPHI) is hosting a Consumer Engagement Stakeholder Forum focusing on Health Technology During COVID-19. Key features of this Forum include:
 - An emphasis on how healthcare professionals are responding to the challenges posed by switching to virtual care due to COVID-19 to ensure care for their patients
- Facilitated conversations on barriers and successes of health technology and virtual care with a focus on access to technology, access to resources, and health and digital literacy
- Individual brainstorming, breakout rooms, and large group discussions
- To learn more about the forum and how to register, please email gmiedema@mphi.org

Beginning 2021, in alignment with feedback from roadmap stakeholder engagement, Health IT Commission committees will convene.

Responsibilities of attendees include:

- Participate in 1-2 virtual meetings per month
- Bring your expertise and experience to the table
- Support collection of relevant information and generation of recommendations for commission

Health IT Commission Committees:

- Adoption and Expansion
- Ideation
- Governance

Interested public participants should send a letter of intent, with a listing of relevant experience, to youngquistt1@michigan.gov

MDHHS Update
Convening committees





Advisory Committee #1:

Adoption and Expansion

Develop strategies for incrementally improving current HIE service infrastructure and increasing adoption

2 commissioners interested

Esty, Simmer

3 members of the public interested

Advisory Committee #2: Ideation

Explore new horizons in HIT and identify what the next innovations could be

5 commissioners interested Esty, Kufahl, LaCasse, Rinvelt, Zaroukian

2 members of the public interested

Advisory Committee #3: Governance

Provide input on future governance and oversight mechanisms for use cases and strategy

5 commissioners interested

Beauchamp, Esty, Harris, Smiddy, VanderMey

2 members of the public interested

Steering Committee for HIT Roadmap:

Support the HIT Commission in:

- Providing general oversight of the strategic planning process for the HIT roadmap
- Provide strategic guidance, resolve issues and mitigate risk
- Be change agents, acting as point of contact for commission on issues related to communication, milestone completion, policy and legislation
- Ensure inclusion of necessary stakeholders
- Recommend changes to scope or deliverables to broader HITC

4 commissioners participating – Esty, Smiddy, VanderMey, Zaroukian

4. Blue Cross Blue Shield of Michigan Electronic Health Record (EHR) Vendor Initiative Overview







Health Information Exchange

Electronic Health Record Vendor Initiative September 22, 2020

Sharon Kim, Healthcare Manager, Value Partnerships Danny Zajac, Health Care Analyst, Value Partnerships Blue Cross Blue Shield of Michigan

Agenda

Statewide Data-Sharing

Vendor Initiative – Strategy

Vendor Initiative - Program Goals

Vendor Initiative – Engaged Vendors





Building a statewide data-sharing infrastructure



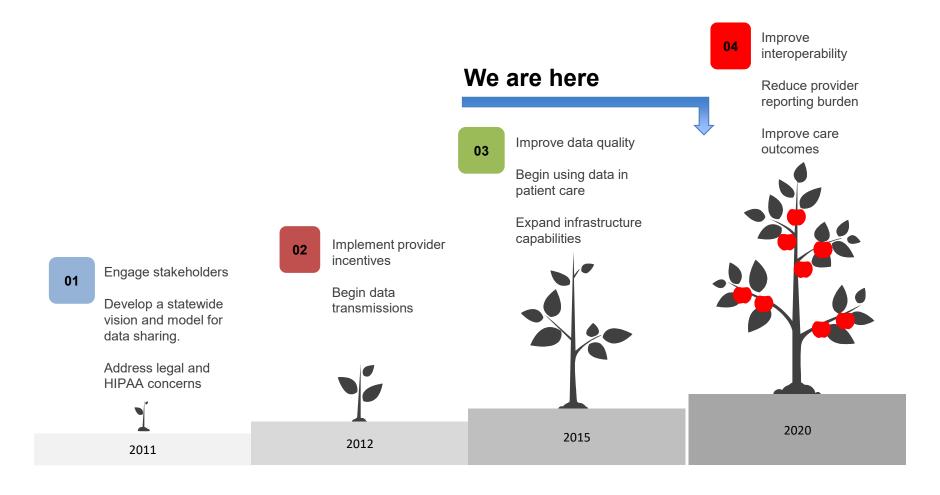
Partnering with the Michigan Health Information Exchange (MiHIN) to build the nation's leading health information exchange.

- Efficient: A "one-connection" hub-and spoke model
- Comprehensive: Links providers (and payers) across the state, regardless of EMR
- Affordable: Eliminates needs for a multitude of individual interfaces
- Effective: Continuously improving data quality
- Innovative: Enables flexibility for creative and advanced uses of the data to improve care
- Forward-thinking: Positions providers to more easily meet developing national standards





Statewide data sharing







EMR Adoption

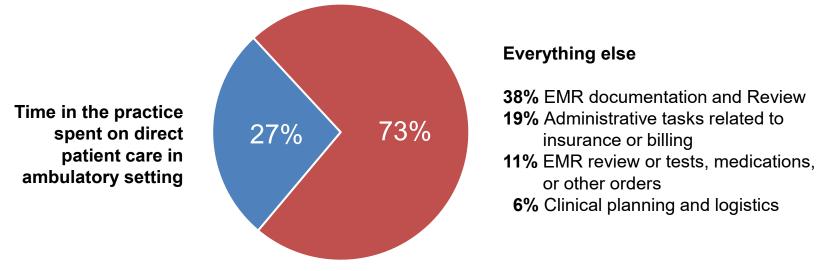
Intended Benefits	Challenges
Powerful Data Collection	Increased Screen Time
Clinical Decision Support	Untapped Data
Improved Quality Outcomes	Navigating multiple IT systems, platforms
Empower patients with easier access to health records	Physician burnout





Physicians Spend the Minority of Work Hours with Patients

Fatigue and Administrative Burden Tightly Linked



Plus:

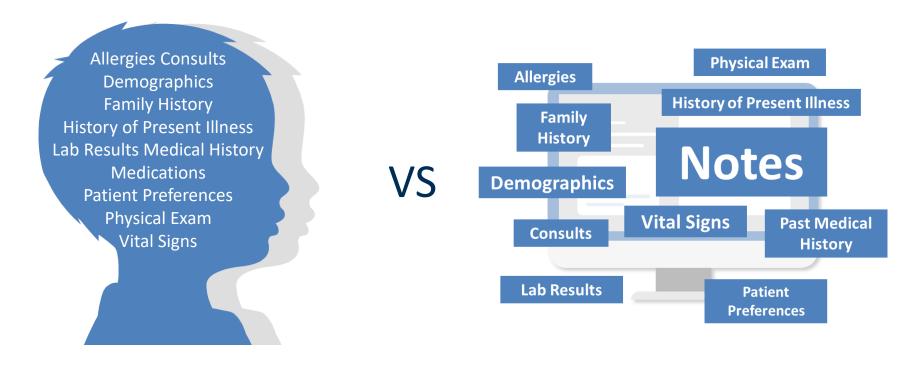
- > Self-reported 1 to 2 hours of evening time spent on administrative tasks
- > 39% of "patient-facing" time spent documenting in the EMR

Source: Sinsky, Christine, MD, Locey Colligan, MD, Ling Li, Ph.D, Sam Reynolds, Lindsey Goeders, Johanna Westbrook, Ph.D, Michael Tutty, Ph.D, and George Blike, MD. "Allocation of Physician Time in Ambulatory Practice: A Time and Motion Study in 4 Specialties." Annais of Internal Medicine 165.11: 753-60, 6 Dec. 2016. Web. 21 Feb. 2018; Gist Healthcare analysis.





Provider View vs EMR View of the Patient



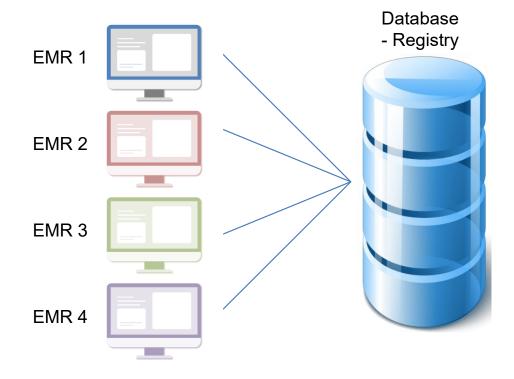
Holistic, whole view of the patient

Siloed, partial view of the patient





Physician Organization Support of Data Sharing, Population Health, Quality Reporting



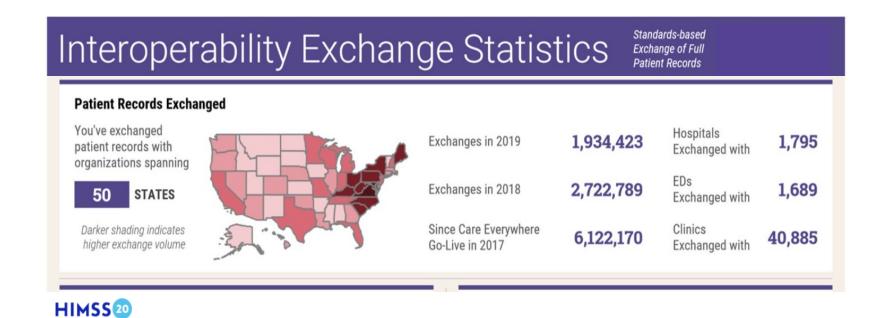
Seems simple, but there are significant challenges:

- Cost of interfaces
- Maintenance
- Privacy & Security
- Data Quality (Clean up, normalization, mapping)
- Lack of data standards
- Number and variation in reporting requirements
- 40% of time working with EMR vendors





Conflicting Ideas of Interoperability The numbers can be deceiving







BCBSM HIE Vendor Initiative - Program Goals

Leverages the Physician Group Incentive Program to engage EHR vendors on behalf of <u>all</u> PGIP physician organizations and practices

- Take a collaborative approach to minimize duplicative efforts to enable scalable, comprehensive data sharing
- Facilitate participation in statewide data sharing use cases
- Achieve clinical data transmission through MiHIN to numerous destinations, including physician organizations, providers, payers, and potentially members
- Reduce administrative and financial burden due to increased reporting and quality improvement requirements





BCBSM HIE Vendor Initiative - Program Goals

Improve data sharing processes

- MiHIN's Active Care Relationship Service (ACRS) and Common Key for statewide data sharing and enhanced patient matching
- Facilitating use of Direct Secure Messaging
- Engage vendor FHIR readiness to expand capabilities in alignment with national roadmap

Expand performance data reporting while reducing provider burden

- Payers and providers have agreed on a single all-payer supplemental file format
 - Vendors will natively generate and submit to MiHIN
- Quality Reporting Data Architecture (QRDA) files (Cat I and III)

Develop or demonstrate CCDA capabilities in practice EHR systems

- Generate and send CCDA to MiHIN after an encounter
- Improve import functionality: Allergies, Medications, Problem List, Labs
- Facilitate CCDA delivery to Physician Organizations





Currently Engaged Vendors

EHR Vendor	Fully Executed Agreements	Pilot Data Transmission Testing	Actively Engaged	
Allscripts	X	X		
athenahealth	X	X		
eMDs (Aprima)			X	
Flatiron (OncoEMR)			X	
ModuleMD			X	
NexGen	X	X		
Office Practicum			X	
Practice Fusion			X	
Quanum EHR (Quest Diagnostics)			X	
TRIARQ	X	X		
Specialty based EHR vendor outreach has begun				





Additional Vendor Information

Epic/Cerner Ambulatory CCDAs

- Obtain data via P4P health system incentives
- Working directly with hospitals to improve data quality at the source
- Future discussions with Physician Organizations to identify ways in which we can work with Epic and Cerner to help support practices

eClinicalWorks

- We are approaching engagement from multiple angles
- MiHIN CommonWell Health Alliance
- Payer/Provider community
- Held ONC conversation outlining our program and efforts to engage eCW
- BCBSM/eCW leadership discussion





MiHIN Support for Vendor Initiative

- Automated transfer of Active Care Relationship Services (ACRS) and All-Payer Supplemental (APS) quality files between secure file transfer protocol (sFTP) submission folders, processing, and sFTP output folders
- Fully automated validation and processing of APS files
- Fully automated validation of Health Level Seven Object Identifiers (HL7 OIDs) present in both ACRS and APS files
 - OIDs are utilized for data routing
- Dynamic "Master Table" to maintain accurate affiliations necessary for backend routing
- Legal arrangement where Physician Organization and MiHIN share responsibility, negating need for individual practices to sign MiHIN legal stack





Core Capabilities – Phase I and II

Category	Core Capability-Phase I and II
Reporting	Patient demographics-ACRS™ 2.0 and patient lists for CAHPS (NRC and Press Ganey formats)
Reporting	Practice-generated All-Payer Supplemental files (PPQC layout)
Reporting	Automated send QRDA-Cat III via Direct Secure Messaging or Web Services
Reporting	Automated send QRDA-Cat I via Direct Secure Messaging or Web Services
CCDA	Automated CCDA send to MiHIN via Direct Secure Messaging or Web Services
CCDA	CCDA Import via Direct Secure Messaging or Web Services and Import Functionality-Allergies
CCDA	CCDA Import via Direct Secure Messaging or Web Services and Import Functionality-Medications
CCDA	CCDA Import via Direct Secure Messaging or Web Services and Import Functionality-Problem List
CCDA	CCDA Import via Direct Secure Messaging or Web Services and Import Functionality-Labs
Directory	Import and Export Direct Secure Messaging addresses to EMR Directory
Common Key	Import Common Key attribute and send as part of CCDA, ACRS, and PPQC files





Core Capabilities - FHIR

Category - C	ore Capabilities		
FHIR	Register vendor's FHIR® server(s) with MiHIN		
FHIR	Attest that the vendor conforms at a minimum to the Argonaut Data Query IG data element query of the ONC		
	Common Clinical Data Set (CCDS) (http://www.fhir.org/guides/argonaut/r2/); and will comply with the		
	regulatory FHIR guidelines as set forth in the legislation.		
FHIR	Support the SMART on FHIR launch protocol		
FHIR	Participate in interoperability testing of FHIR resources with MiHIN		
FHIR	Participation in a minimum of two mutually agreed upon multivendor integrations of a SMART on FHIR pilot		
	program. Participation includes a SMART on FHIR application integration within their EHR that is focused on a		
	DaVinci use case (at least one in each level). Examples include, but are not limited to:		
	Level I:		
	Hierarchical Condition Category (HCC) Coding		
	Gaps in Care		
	Clinical Decision Support (CDS) Hooks integration		
	Coverage Requirements Discovery		
	Level II:		
	Data Exchange for Quality Measures: Medication Reconciliation Post-Discharge		
	ADT Notifications: Transitions of Care, ER Admit/Discharge		
	Prior-Authorization Support		





Questions



Sharon Kim skim@bcbsm.com

Danny Zajac dzajac@bcbsm.com





5. Update on HIT Roadmap





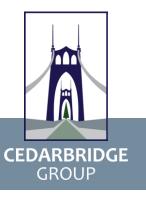
Our next 45 minutes with you....

- Review and Status of planning activities for 5-Year Health IT Roadmap
 - Environmental scan/stakeholder engagement methods and timeline
 - Pre-Engagement 2 question survey results
 - RSC-recommended list of Key Informants for Interviews
 - Going forward timeline and schedule

Discussion/feedback

CEDARBRIDGE GROUP 32

Review of Health IT Roadmap Planning Status of Activity



Current Status of Activity

Surveys

- Prepared stakeholder surveys with general and targeted questions for:
 - Behavioral health entities
 - EMS entities
 - Hospitals
 - Public Health entities
 - Long-Term and Post-Acute Care entities
 - Provider Groups
 - Social Services providers
- Expected distribution this week

CEDARBRIDGE GROUP

Current Status of Activity – cont.

- Finalized list of association partners to facilitate stakeholder participation
- Outreach communications sent to stakeholder partners from MDHHS and CedarBridge
- Information posted to MDHHS website and social media
- Administered pre-survey (results later in today's presentation)
- Stakeholder forums began September 15
- Drafted key informant list
 - Ready for HIT Commission Input & Approval (today)

High Level Timeline for Roadmap Development Process

Q3 2021 Final Draft Roadmap for HITC and MDHHS acceptance/approval

Q2 2021 - Q3 2021

- Draft Roadmap with recommendations for HITC consideration
- Present draft Roadmap to HITC
- Conduct feedback process to validate stakeholder support for Roadmap
- Make necessary revisions

Q3 2020 - Q1 2021

- Engage Stakeholders in Environmental Scan
- Review historical documents
- Synthesize input
- Ensure "directional correctness" with guidance from RSC
- Update HITC

CEDARBRIDGE GROUP

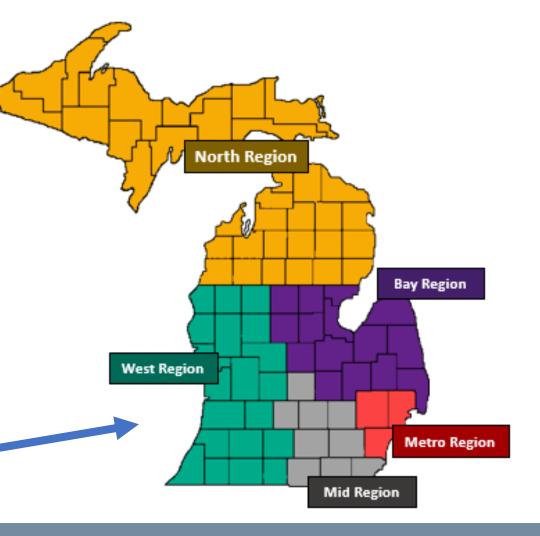
Virtual Stakeholder Forums: Process

16 online forums will be held between September 15th – November 4th to inform the next Statewide Health Information Technology Roadmap

Hosted by Michigan Department of Health & Human Services (MDHHS) and Michigan Health Information Technology Commission (HITC)

Two forums will be focused on each of eight themes

- First forum for each theme will focus on data needs, data gaps, and "current state" for health IT
- Second forum for each theme will focus on regional opportunities and challenges, with virtual break-out sessions for each of the five regions on this map (consolidated from MI Prosperity Regions)



Remaining Stakeholder Forums & Dates

Register at: https://bit.ly/32uM6gJ

Title	Discovery Forum	Regional Forum
Reflections on Public Health During a Global Pandemic:	September 15, 2020	October 20, 2020
Information Technology Needs and Gaps for Public Health	1:00 – 3:00 PM Eastern	1:00 – 3:00 PM Eastern
		Registration:
	Sontombor 16, 2020	https://zoom.us/webinar/register/WN_RYzYkP5eSIWL-vYK00wBeA
Coordinating During Crisis: Information Technology	September 16, 2020	October 21, 2020
Needs and Gaps for Emergency Services	1:00 PM – 3:00 PM Eastern	1:00 PM – 3:00 PM Eastern
		Registration: https://zoom.us/webinar/register/WN jwjMggTIS9WWnb3 jZUg
Connecting All Points of Care: Information Technology	September 17, 2020	October 22, 2020
Needs and Gaps for Behavioral Health Services	1:00 PM – 3:00 PM Eastern	1:00 PM – 3:00 PM Eastern
	Registration: https://zoom.us/webinar/register/WN - m7jRYpTEeGtWXWPovB0g	Registration: https://zoom.us/webinar/register/WN_WACJTlaZQLGdBO3YT3_Qtg
Using Data to Drive Outcomes: Information Technology	September 21, 2020	October 27, 2020
Needs and Gaps for Quality Improvement Efforts	1:00 PM – 3:00 PM Eastern	1:00 PM – 3:00 PM Eastern
	Registration:	Registration:
	https://zoom.us/webinar/register/WN_SQgWCZYgQ0iAUuCchjx0kg	https://zoom.us/webinar/register/WN_LU9KtX7fTP6RaQgQ1PW1qA

Remaining Stakeholder Forums & Dates

Register at: https://bit.ly/32uM6qJ

Title	Discovery Forum	Regional Forum
Bridging the Digital Divide: Information Technology Needs and Gaps to address Racial Disparities and Social Determinants of Health	September 23, 2020 1:00 PM – 3:00 PM Eastern	October 28, 2020 1:00 PM – 3:00 PM Eastern
	Registration: https://zoom.us/webinar/register/WN_vPDHRHM2Q7249zlgW5Buxg	Registration: https://zoom.us/webinar/register/WN-1Ku-2f31QgK6bjXUYc5pzg
Resident and Advocate Perspectives on Health IT for Person-Centered Care: Consumer perspectives on Health IT, Digital Health Solutions and patient access to data.	September 24, 2020 1:00 PM – 3:00 PM Eastern	October 29, 2020 1:00 PM – 3:00 PM Eastern
, , ,	Registration: https://zoom.us/webinar/register/WN-86PMKNCIR0WF1KzqL4wWbg	Registration: https://zoom.us/webinar/register/WN_3fAw2R9Q-qSJI1j3yQ3TA
Coordinating Care for the Vulnerable: Information Technology Needs and Gaps for Aging and Disability Services	September 29, 2020 1:00 PM – 3:00 PM Eastern	November 2, 2020 1:00 PM – 3:00 PM Eastern
	Registration: https://zoom.us/webinar/register/WN_NGvV8SIsS52JylXzMBHQow_	Registration: https://zoom.us/webinar/register/WN AtaJ-TsgQqaMzR9kdP7fcg
Give All Kids a Healthy Start: Information Technology Needs and Gaps for Maternal, Infant and Children's Services	September 30, 2020 1:00 PM – 3:00 PM Eastern	November 4, 2020 1:00 PM – 3:00 PM Eastern
	Registration: https://zoom.us/webinar/register/WN_q92lyyPcQtuJVIv5c2eRDA	Registration: https://zoom.us/webinar/register/WN ggK1Osu1TSqwZ2BlvtNEpg

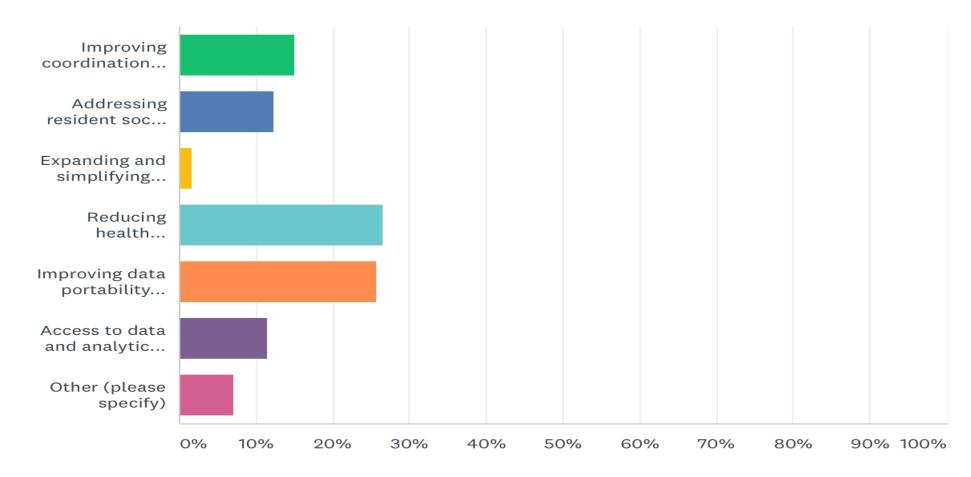
Results from Pre-Engagement Survey; Two Key Questions

Question #1

Michigan's strategic plan for health information technology (i.e., "roadmap") has not been updated in over a decade. In 2020, our nation and state has persevered through many challenges, but it has also witnessed many opportunities for meaningful change. If an updated health IT roadmap for Michigan could address one thing, what do you think the greatest opportunity is?

Results, Question #1 (graphical):

Answered: 113 Skipped: 0



Results, Question #1 (percentages):

ANSWER CHOICES		RESPONSES	
Improving coordination between transitions in care		17	
Addressing resident social determinants of health and equity		14	
Expanding and simplifying alert notifications (e.g. ADT messages)		2	
Reducing health disparities (e.g. increasing access to broadband/digital health tools, addressing racial disparities, maternal-infant health)		30	
Improving data portability (e.g. through increased patient access, interoperability, standardization)		29	
Access to data and analytic decision-making tools	11.50%	13	
Other (please specify) Responses	7.08%	8	
TOTAL		113	

Results from Pre-Engagement Survey; Two Key Questions

Question #2

In retrospect from the current time (August 2020), What investments in health information technology, data services, and/or policies would have assisted your organization in addressing the coronavirus pandemic?

Sample results from Question #2

- Recognizing the impact of disparities
- Interoperability incompatibilities between our EHR and HIE that slows workflows down
- Foundational assessments for the development of smart homes
- Community access to internet services and other products
- Support **telemedicine**
- Investments in the Michigan Disease
 Surveillance System
- Access to coronavirus testing results

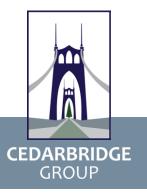
- Supporting a robust health IT infrastructure
- Having a network to address, at regional levels, linkages between health care orgs and community orgs for alleviating disparities
- Artificial Intelligence and Machine Learning software and applications
- Seamless data sharing between organizations... with minimal friction
- Investment in remote devices

Presentation of Key Informants List

Does the commission have any modifications to this list? Can interviews proceed in October with these informants?

Draft list of key informants available on the MDHHS Health IT Commission web page for review

Discussion



Thank you!

For more information, please contact

Don Ross
(503) 351-6490

donald.ross@cedarbridgegroup.com



Carol Robinson (503) 329-2317 carol@cedarbridgegroup.com

6. Public Comment



Public Comment Guidelines

Public comment will be conducted in three ways. Please note, pursuant to the Michigan Open Meetings Act, at no point during public comment are you obligated to disclose your name or organization.

Hand raising: Zoom meeting attendees wanting to verbally share comments will raise "their hand" (directions on next slide). The host will call on each attendee with a hand raised, at which point they will share their comment.

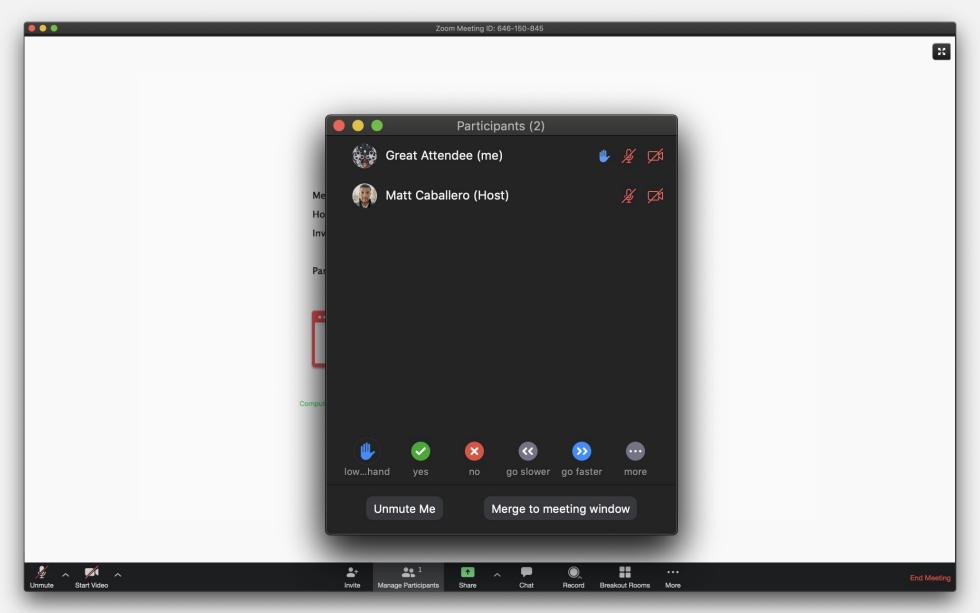


Group chat: Zoom meeting attendees wanting to share a comment in the meeting group chat (directions on a later slide) will have their comments read aloud by the host at a designated time.

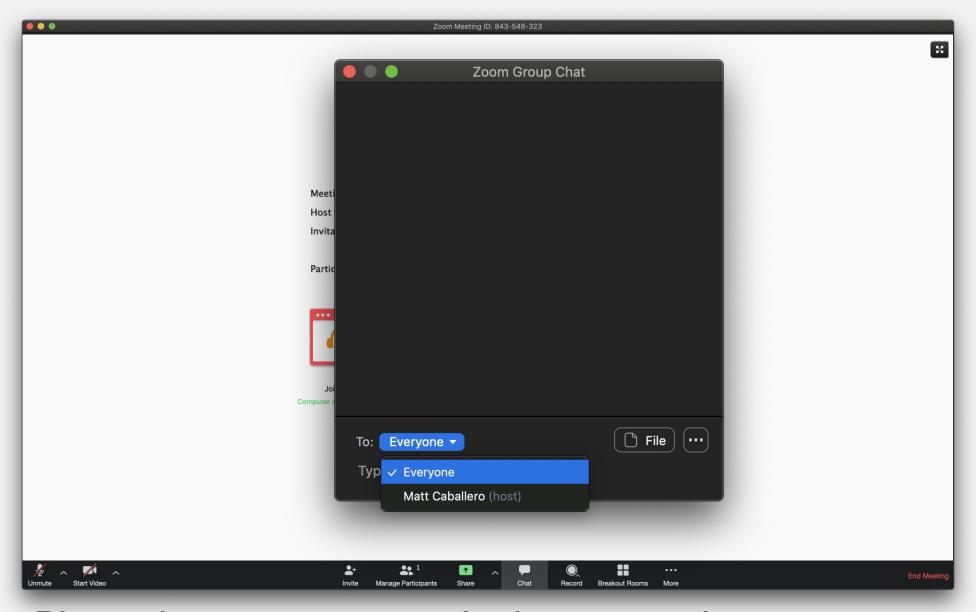


Open comment: Any remaining attendees unable to participate in the previous methods will be invited to share during a final open comment period





Please <u>"raise your hand"</u> at this time if you would like to comment The host will call on you when it is your turn to speak



Please leave a comment in the *group chat* now The host will read them aloud for the commission to hear

Open Comment Period

Please share a comment at this time if you have not had the opportunity already

If you would like to submit any other comments to be shared with the commission, please send a message to youngquistt1@Michigan.gov



7. Adjourn

Next Meeting:

Tuesday, November 17, 2020 1:00 p.m. – 3:00 p.m.

Virtual Meeting

Please check the HIT Commission web page as the meeting approaches for information on meeting details

