OeHI
Office of eHealth Innovation

EHEALTH COMMISSION MEETING

NOVEMBER 14TH, 2018

NOVEMBER AGENDA

Call to Order **Roll Call and Introductions** **Approval of October Minutes** **November Agenda and Objectives** ***Michelle Mills, Chair***	**12:00**
Announcements OeHI Updates Updates, Grant Opportunities, Workgroup Updates, Announcements, Action Items *Mary Anne Leach, Director, Office of eHealth Innovation* *Carrie Paykoc, State Health IT Coordinator* *Commission Members*	12:05
New Business	
ECHO Telehealth Overview *Dr. John F. Thomas, Executive Director, Project ECHO*	12:15
Advancing HIE: Preview of Projects *Kelly Joines, Chief Strategy Officer, COHRIO* *Marc Lassaux – Chief Technical Officer, QHN*	12:35
10.10.10: Discovery Methodology *Tom Higley, Founder & CEO, 10.10.10* *Jeffrey Nathanson, President, 10.10.10*	1:05
Pharmacy Shared Systems Kim Bimestefer, Executive Director, Colorado Department of Health Care Policy & Financing	1:35
Public Comment Period	1:50
Closing Remarks Open Discussion Recap Action Items December Agenda Adjourn *Michelle Mills, Chair*	**1:55**

ANNOUNCEMENTS

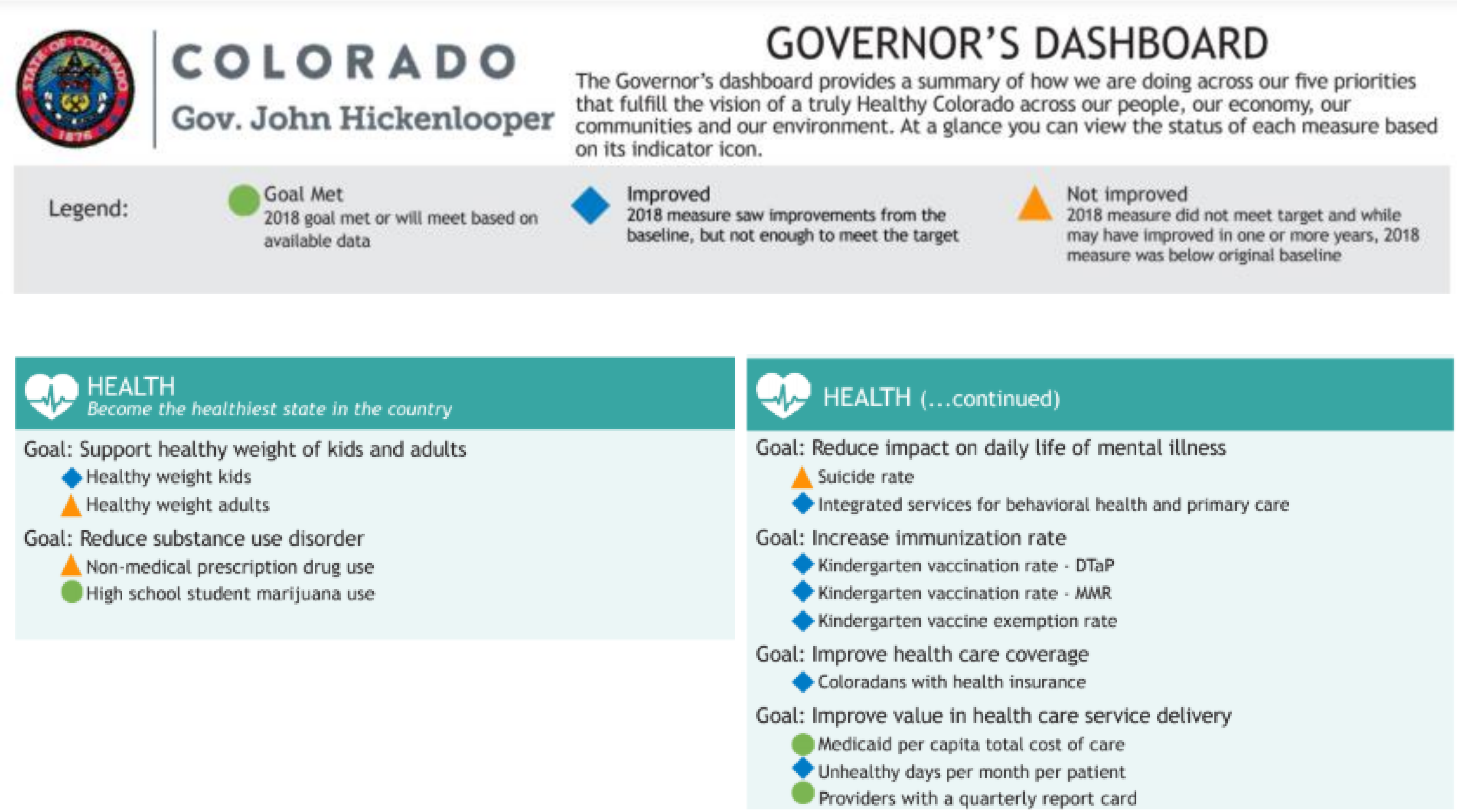
OeHI UPDATES

- Commission Renewal Reminder
- Budget Update
- Governor's Final Performance Dashboard
- THANK YOU Mary Anne for your leadership and service!

COMMISSION UPDATES

- State Data Summit Nov 8th-Jon Gottsegen Recap
- Others?

GOVERNOR’S FINAL HEALTH DASHBOARD



COLORADO
Gov. John Hickenlooper

GOVERNOR’S DASHBOARD

The Governor’s dashboard provides a summary of how we are doing across our five priorities that fulfill the vision of a truly Healthy Colorado across our people, our economy, our communities and our environment. At a glance you can view the status of each measure based on its indicator icon.

Legend:

- ● Goal Met – 2018 goal met or will meet based on available data
- ◆ Improved – 2018 measure saw improvements from the baseline, but not enough to meet the target
- ▲ Not improved – 2018 measure did not meet target and while may have improved in one or more years, 2018 measure was below original baseline

HEALTH
Become the healthiest state in the country

Goal: Support healthy weight of kids and adults
- ◆ Healthy weight kids
- ▲ Healthy weight adults

Goal: Reduce substance use disorder
- ▲ Non-medical prescription drug use
- ● High school student marijuana use

HEALTH (…continued)

Goal: Reduce impact on daily life of mental illness
- ▲ Suicide rate
- ◆ Integrated services for behavioral health and primary care

Goal: Increase immunization rate
- ◆ Kindergarten vaccination rate - DTaP
- ◆ Kindergarten vaccination rate - MMR
- ◆ Kindergarten vaccine exemption rate

Goal: Improve health care coverage
- ◆ Coloradans with health insurance

Goal: Improve value in health care service delivery
- ● Medicaid per capita total cost of care
- ◆ Unhealthy days per month per patient
- ● Providers with a quarterly report card

Learn more about Governor Hickenlooper’s Dashboard
https://www.colorado.gov/governor/dashboard

ACTION ITEMS

Action Item	Owner	Timeframe	Status
Define Project Funding Proposal Process	OeHI Director/ State Health IT Coordinator	Nov 2018	In progress
Update quorum bylaws	OeHI Director	Feb 2018	Pending best practices
Track and report federal and local legislation	OeHI Director/ State Health IT Coordinator	2018	Ongoing
Letter to Lab Corps and Quest	OeHI Director/ Govs Office/ Morgan	2017	In progress

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ECHO TELEHEALTH OVERVIEW

DR. JOHN F. THOMAS, EXECUTIVE DIRECTOR, PROJECT ECHO

ECHO COLORADO

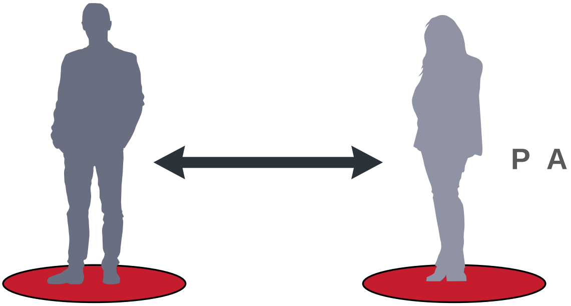
TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

Introduction

John F. “Fred” Thomas, PhD, MSSW
Executive Director, ECHO Colorado
Director, Telemedicine, Children’s Hospital Colorado
john.thomas@ucdenver.edu

- What we’ve accomplished
- Where we’re headed
- Opportunities to support the OeHI Roadmap

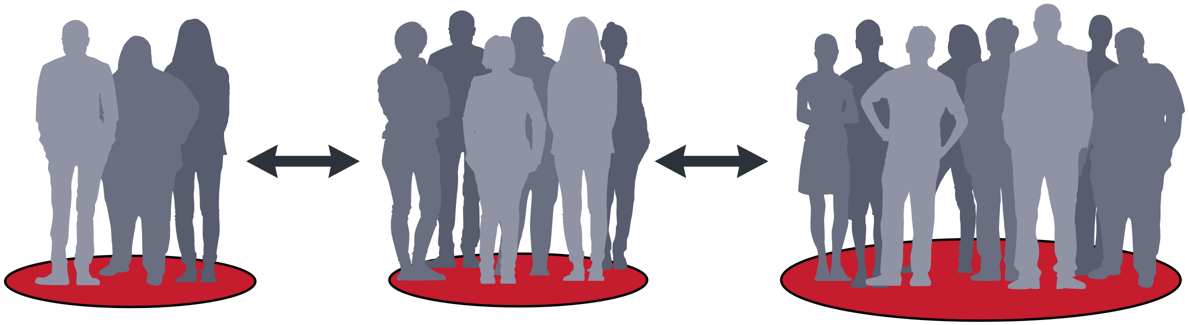
KNOWLEDGE HELD BY ONE HAS THE POWER TO CHANGE LIVES.



SPECIALIST

PATIENT

KNOWLEDGE SHARED BY MANY HAS THE POWER TO CHANGE THE WORLD.

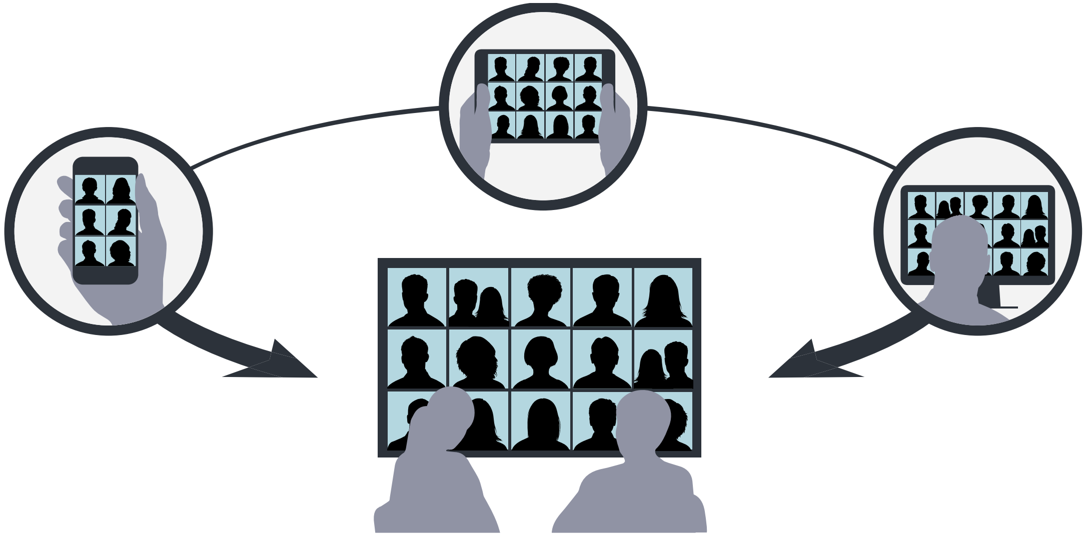


TEAM OF EXPERTS

COMMUNITY PROVIDERS

HIGH IMPACT

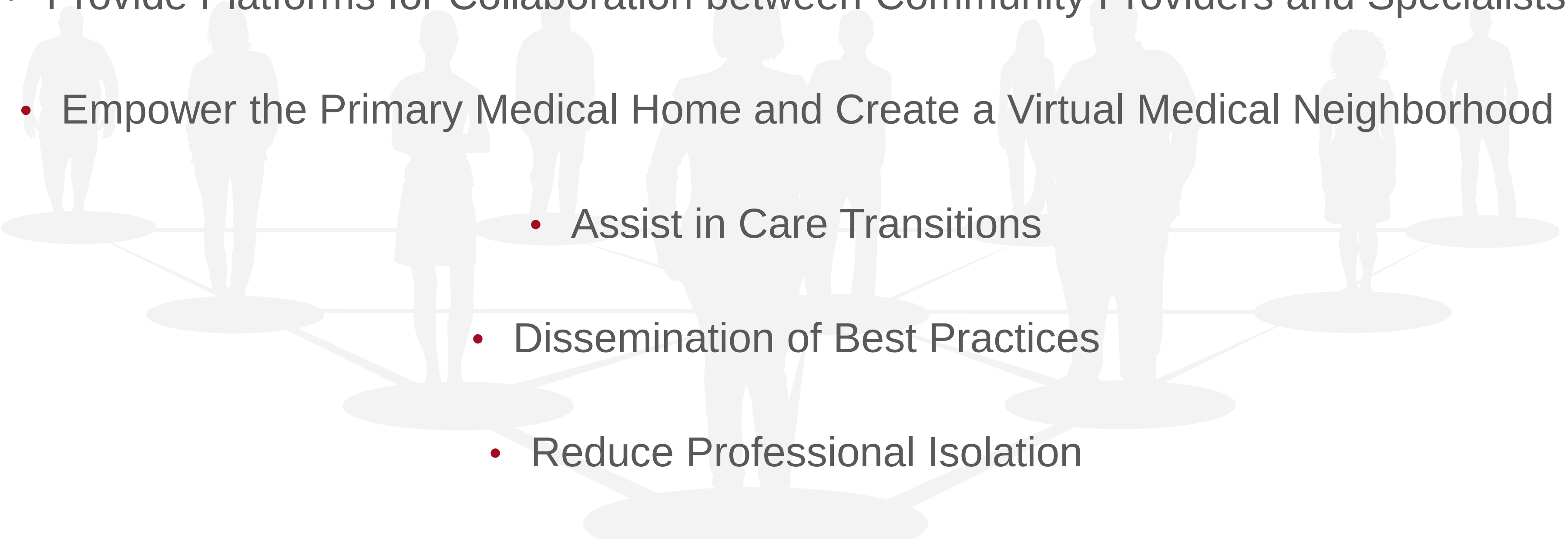
IS THIS TELEMEDICINE?



CONNECT VIA VIDEOCONFERENCE

- Brief presentation by expert
- Case presentations by participants
- Facilitated peer discussion

HOW WE HELP – Leveraging Technology to:



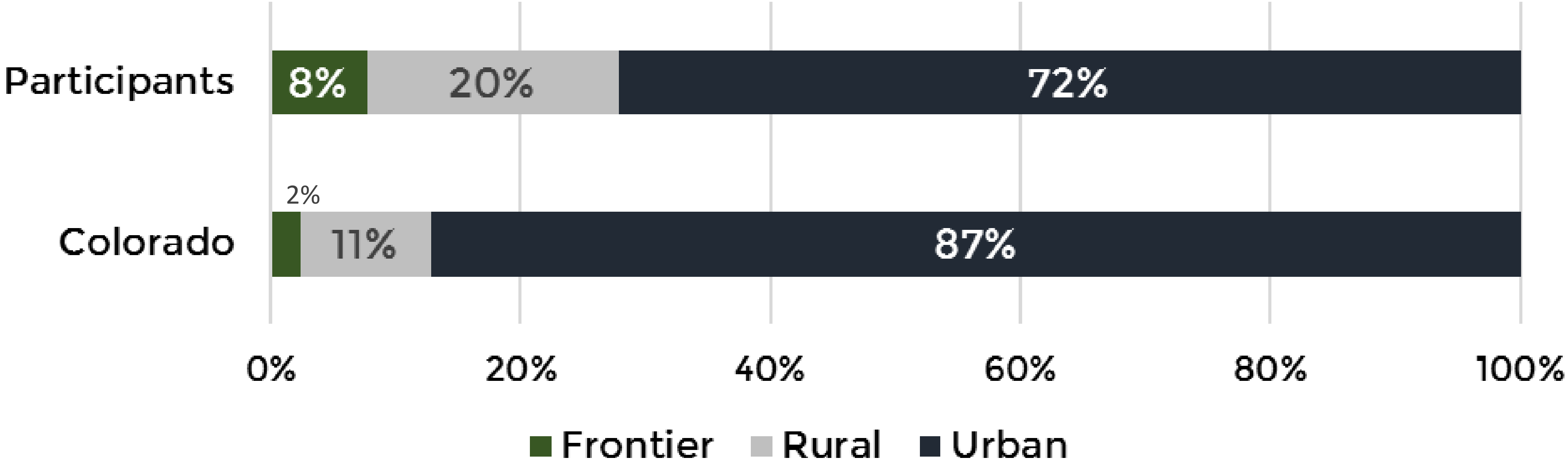
- Provide Platforms for Collaboration between Community Providers and Specialists
- Empower the Primary Medical Home and Create a Virtual Medical Neighborhood
- Assist in Care Transitions
- Dissemination of Best Practices
- Reduce Professional Isolation
- Reduce Need for High Cost of Off-site Trainings
- Facilitate Collaborative Case Management

IMPROVING ACCESS

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

REACH

by County Designations

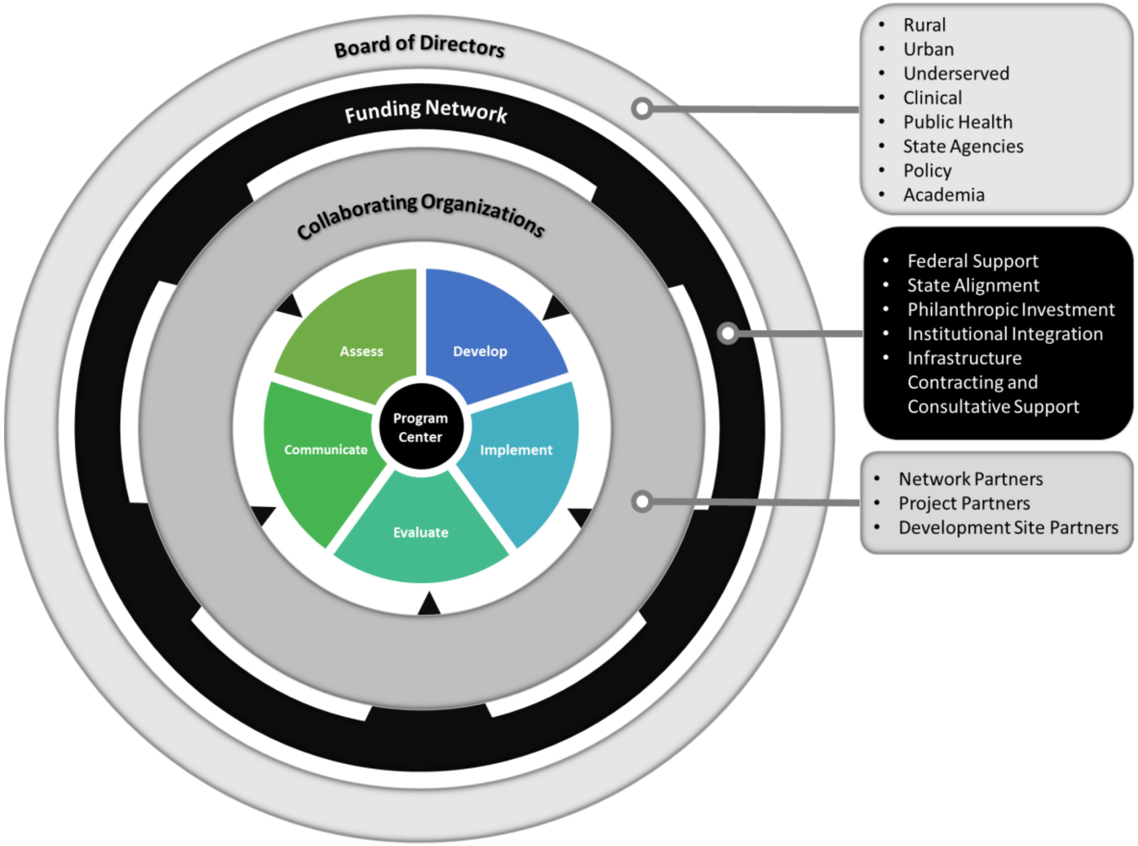


*County designations were determined using the Colorado Rural Health Center's classifications. Rural counties are those not designated as Metropolitan Areas, and frontier counties have a population density of six or less people per square mile. (2017)

COLORADO MODEL:
A BROAD PARTNERSHIP

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

Initiative Framework

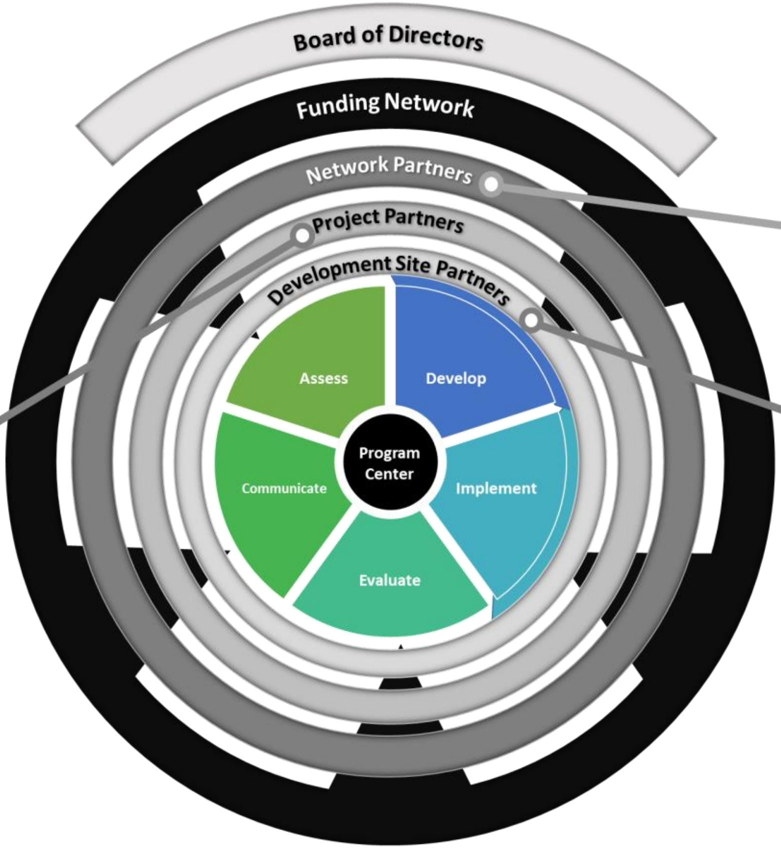

Board of Directors
Funding Network
Collaborating Organizations
Assess
Develop
Program Center
Communicate
Implement
Evaluate

- Rural
- Urban
- Underserved
- Clinical
- Public Health
- State Agencies
- Policy
- Academia

- Federal Support
- State Alignment
- Philanthropic Investment
- Institutional Integration
- Infrastructure Contracting and Consultative Support

- Network Partners
- Project Partners
- Development Site Partners

Collaborating Organizations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- Patient Navigator Training Collaborative
- Community Health Association of Mountain/Plains States
- CU Cancer Center
- Centers of Excellence
  - Food Safety
  - Care Coordination
  - Nursing
- CU Depression Center
- Access Care
- High Plains Research Network
- Children's Hospital CO
  - School Nurse Program
- Kempe Center
- Illuminate
- National Children's Alliance
- CO Departments / Programs
  - Human Services
  - Public Health & Environment
  - Healthcare Policy & Finance
  - State Innovation Model

- Expert Presenters
- Expert Panelists
- Facilitators

- CO Community Health Network
- CO Rural Health Center
- Denver Health
- CO Association of Local Public Health Officials
- CO Chapter American Academy of Pediatrics
- CO Area Health Education Center

- Rocky Mountain Public Health Training Center
- Child Welfare Training System
- Denver Prevention Training Center

MOVING FORWARD

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

ECHO COLORADO: A NEW PRACTICE PARADIGM

https://www.youtube.com/watch?v=VjFZuR9zJxs

RATIONAL HEALTHCARE SPECTRUM

	In Person Care	Telemedicine	eConsult	ECHO
Relationship	Specialist - Patient	Specialist - Patient	Specialist - PCP	Specialist Team – PCP Cohort
Cost	$$$$	$$$	$$	$
Frequency	1-2 times per year	1-2 times per year	as needed	as needed
Platform	In-Person	Video-Conference	Web-based Software	Video-Conference
Location	Hospital or Clinic	Primary Care, School or Home	Anywhere	Anywhere
Convenience	★	★★	★★★★	★★★
Population Health Connection	★	★	★★	★★★★
Force Multiplier	★	★	★★	★★★★

WHERE ARE WE MAKING A DIFFERENCE?

- Innovative models for health care delivery for a more integrated, high-performing and sustainable health care system
- Focus on improving access to care, partnering with communities and improving health outcomes (costs included)
  - **Pediatric Asthma Management**
  - **ECHO & CDPHE CDC Partnership**
  - **UPL Developmental Pediatric Model Re-Development**
  - **CORE**
  - **Opioids: Scaling of ALTO, CTSA Model, AHRQ MAT Training**

Opportunities to Partner on the OeHI Roadmap

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

DIGITAL HEALTH INNOVATION DOMAIN

- Innovate a technology-enhanced health care model that combines existing efforts in:
  - telemedicine (synchronous video provider to patient care)
  - eConsult (asynchronous provider to provider, patient to specific data and knowledge sharing)
  - ECHO (Synchronous video assisted panel to cohort case-based education and care collaboration)

- Leverage existing relationships with RAEs, provider networks, specialty panels and care transition programs to provide access to specialty knowledge, care review and collaboration

- Working towards Colorado's version of the Triple Aim: Best Care, Best Health, Best Value

SUPPORTING CARE COORDINATION STATEWIDE

- ECHO care coordination allows for information sharing across communities allowing for dissemination of best practices that can be adapted to the unique character of individual communities

- Allow for specialty knowledge to be shared amongst communities

- Create systematic process for connecting, while allowing flexibility to adapt content based on specific needs

- Support optimal clinical, service, and cost outcomes while lowering barriers to care

LET'S ECHO!

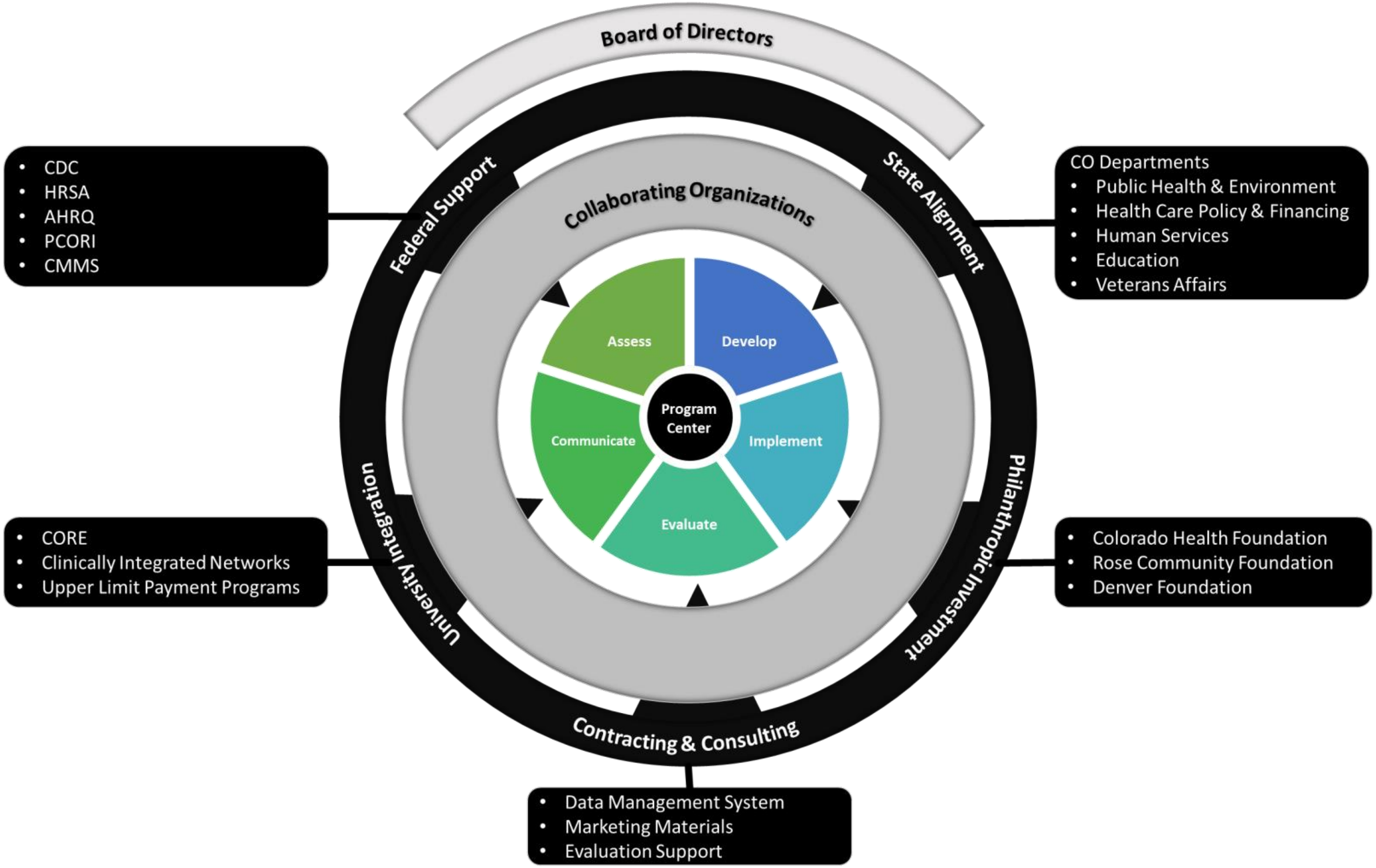
ECHOCOLORADO.ORG

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

SUSTAINABILITY

TO ECHO IS TO LEARN, TO SHARE, TO ENGAGE AND TO CONNECT.

Funding Network


Board of Directors
Federal Support
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Philanthropic Investment
Contracting & Consulting
University Integration
Collaborating Organizations
Assess
Develop
Implement
Evaluate
Communicate
Program Center

- CDC
- HRSA
- AHRQ
- PCORI
- CMMS

CO Departments
- Public Health & Environment
- Health Care Policy & Financing
- Human Services
- Education
- Veterans Affairs

- CORE
- Clinically Integrated Networks
- Upper Limit Payment Programs

- Colorado Health Foundation
- Rose Community Foundation
- Denver Foundation

- Data Management System
- Marketing Materials
- Evaluation Support

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ADVANCING HIE INITIATIVE: PREVIEW OF PROJECTS & BUDGETS

KELLY JOINES, CHIEF STRATEGY OFFICER, CORHIO

MARC LASSAUX, CHIEF TECHNICAL OFFICER, QHN

ADVANCE HIE AND DATA SHARING WORKGROUP

Advance HIE and Data Sharing Preview of Projects

Marc Lassaux, QHN and Kelly Joines, CORHIO

11/14/2018

Commission Feedback

- Meat and Potatoes
  - Data acquisition, standardization, and transformation as foundational work
- Understand and enhance usage of HIE services
- Standards for data
  - Services/resources available to clean and match
- API first
- PDMP streamlined and efficient
- R&D budget inside of this work
- Cost, timelines, scale, other funding, fit with current activities

Initiatives & Near-Term Priority Projects

1. Broaden & Deepen Data Connections	2. Expand Event Notifications	3. EHR Workflow Integration	4. Expanded Medication Services	5. Data Standardization
Data Access between QHN and CORHIO	Additional Notifications and Triggers	Single Sign On	PDMP	Terminology Services
Patient Access		CIIS Access	Medication History	
Directed Exchange – Query Access				

Initiatives & Priority Projects

1. Broaden & Deepen Data Connections

Project	Narrative
Data Access between QHN and CORHIO	• Create flexible and scalable statewide HIE access • Enable QHN and CORHIO to focus on their community-specific needs • API development/OIT's Enterprise Service Bus opportunity
Patient Access	• Empower patients to have verified access to meaningful data from an HIE • API/FHIR opportunity • Potential needs for tools/tech
Directed Exchange – Query Access	• Develop more flexible, reusable, scalable, and directed access to HIE data • API/FHIR opportunity

Initiatives & Priority Projects

2. Expand Event Notifications

Project	Narrative
Additional Notifications and Triggers	• Expand current alerts and notifications for additional use cases • Additional data types, new triggers • Shared care information and gaps in care alerts

Initiatives & Priority Projects

3. EHR Workflow Integration

Project	Narrative
Single Sign On	• Care teams access relevant HIE clinical data while remaining in their workflow • Expand SSO services and capabilities
CIIS Access	• Care teams access immunization data via HIE in their workflow • Work with CDPHE for system and API development • Integrate with OIT's Enterprise Service Bus

Initiatives & Priority Projects

4. Expanded Medication Services

Project	Narrative
Prescription Drug Monitoring Program (PDMP)	Medication information, particularly controlled substances, is a critical component of an individual's health record and should be integrated as such. However, the current PDMP solution is burdensome to provider workflow and segregated from the rest of the health information exchange functionality in Colorado, and the cost structure of the current PDMP vendor is a barrier to integration. Pursue opportunities to solve these issues and expand access to critical clinical data.
Medication History	Our last environmental scan indicates significant interest in provider and staff access to comprehensive medication history through our portal and in our Notifications services. However, the per query cost structure is a barrier to widespread use. Pursue opportunities to develop an approach and sustainability model that provides the data to our providers.

Initiatives & Priority Projects

5. Data Standardization

Project	Narrative
Terminology Services	• Translate disparate data languages/codes into standardized language(s) • Help with data quality and issue resolution • API/service opportunity

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10.10.10: DISCOVERY METHODLOGY

TOM HIGLEY, FOUNDER & CEO, 10.10.10

JEFFREY NATHANSON, PRESIDENT, 10.10.10

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PHARMACY SHARED SYSTEMS

KIM BIMESTEFER, COLORADO DEPARTMENT OF HEALTH CARE POLICY & FINANCING

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CLOSING REMARKS, DECEMBER AGENDA, AND ADJOURN

MICHELLE MILLS, CHAIR

DECEMBER DRAFT AGENDA

Call to Order **Roll Call and Introductions** **Approval of August Minutes** **November Agenda and Objectives** ***Michelle Mills, Chair***	**12:00**
Announcements OeHI Updates Updates, Grant Opportunities, Workgroup Updates, Announcements, Action Items *Mary Anne Leach, Director, Office of eHealth Innovation* *Carrie Paykoc, State Health IT Coordinator* *Commission Members*	12:05
New Business	
Master Provider Directory Funding Request *Steve Holloway, Branch Chief, Prevention Services Division: Health Equity and Access, CDPHE*	12:25
Advancing HIE: Projects & Budgets *Kelly Joines, Chief Strategy Officer, COHRIO* *Marc Lassaux - Chief Technical Officer, QHN*	12:55
Care Coordination Initiative: Environment Survey Themes *Carrie Paykoc, State Health IT Coordinator* *Kim Ball, Health Tech Solutions*	1:25
Public Comment Period	1:50
Closing Remarks Open Discussion Recap Action Items December Agenda Adjourn *Michelle Mills, Co-Chair*	1:55

POTENTIAL FUTURE AGENDA TOPICS

Topic	Presenter	Focus	Scheduled
Shared Practice Improvement Learning Tool (SPLIT) Update	Kyle Knierim, Associate Director of Practice Transformation at the UC Department of Family Medicine	Sustainability post SIM	
Julota- Connected Community	Rick Pionkowski, CEO	Social health information exchange	