INTRODUCTIONS

▪ Our History
  ▪ Executive Order in 2015 formed:
    ▪ The Office of eHealth Innovation (OeHI)
    ▪ The eHealth Commission

▪ Our Purpose
  ▪ To promote and advance the secure, efficient, and effective use of health information
  ▪ To facilitate the use of public funds to enable all Coloradans to benefit from Health IT
  ▪ Advance Health IT functions in Colorado to create transparency and accountability

▪ Introductions
  ▪ Carrie Paykoc, Interim Director Office of eHealth Innovation and State Health IT Coordinator
THE COLORADO HEALTH IT ROADMAP

- The eHealth Commission
  - The Health IT Planning Work Group
  - Innovation Work Group
- Mosaica Partners
- Over 1,000 Colorado citizens participated
- Roadmap development spanned sixteen (16) months
- The Roadmap identified Objectives and Initiatives
- The OeHI Budget represents nine (9) of sixteen (16) initiatives
  - Where we’re ready to continue funding initiatives
  - Where funding aligns with 90/10 matching opportunity (to 2021)
Colorado’s Health IT Roadmap

**Resources/Financial**
Affordable and Accessible Health IT
Affordable and Accessible Health Analytics

**Privacy and Security**
Consent Management
Privacy and Security of Health Information

**Governance**
Harmonize Data Sharing and HIE Capabilities
Integration of Multiple Types of Health Data
Statewide Health Information Governance
Health IT Program Management

**Stakeholder Engagement**
Care Coordination, Consumer Engagement, Empowerment and Health Literacy

**Innovation**
Digital Health Innovation

**Technology**
Statewide Health Information Architecture
Ease Quality Reporting Burden
Uniquely Identify Person Across Systems
Unique Provider ID and Affiliations
Broadband and Virtual Care Access
1. Ease quality reporting burden
2. Uniquely identify Coloradans and their providers
3. Expand consent management
4. Implement consumer portal
5. Advance HIEs (CORHIO, QHN)
6. Support care coordination
7. Create a Health IT Program Management Office (PMO)
8. Lead a process for statewide data governance
9. Use a systems integrator; create a statewide architecture
WHY THESE INITIATIVES, WHY NOW?

- Foundational infrastructure for saving Coloradans money on health care
  - Increased transparency in services (labs, orders, etc.)
  - Consumer engagement and access to their information
  - Whole person care (social and health)

- Foundational For Value Based Health Care
  - Person and Provider Identification
  - Ease Quality Reporting Burden
  - Consent Management
  - Care Coordination
  - Advancing our Health Information Exchanges (HIEs)

- Aligns with, and supports, the State Innovation Model (SIM):
  - Data Governance
  - Ease Quality Reporting Burden
  - Person and Provider Identification
  - Consent Management
  - Systems Integrator / Systems Architecture

- Opportunity for **90/10 federal matching** over next three years (to Sept 2021)
## Value Realization: Representative Studies

<table>
<thead>
<tr>
<th>Organization</th>
<th>Value Realized</th>
<th>How Accomplished</th>
<th>Aligns with Roadmap Initiative</th>
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<tbody>
<tr>
<td>Brookings Study, Health Information Exchange</td>
<td>▪ Reduced radiology exams by 47%</td>
<td>Use of Health Information Exchange</td>
<td>Advance HIEs across Colorado</td>
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<tr>
<td></td>
<td>▪ Reduced laboratory texting by 25%</td>
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<td>Accessible and affordable Health IT</td>
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<tr>
<td></td>
<td>▪ Improved health outcomes</td>
<td></td>
<td></td>
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<tr>
<td>Emergency Departments - South Carolina</td>
<td>▪ <strong>Cost savings of $1M</strong> in patient charges</td>
<td>Use of Health Information Exchange</td>
<td>Advance HIEs across Colorado</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Accessible and Affordable Health IT</td>
</tr>
<tr>
<td>Emergency Departments – Memphis, TN</td>
<td>▪ <strong>Cost savings of $1.9M annually</strong></td>
<td>Use of Health Information Exchange</td>
<td>Support Care Coordination in Communities Statewide</td>
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<tr>
<td></td>
<td>▪ Improved quality of care for 86.7% of patients</td>
<td>Improved care coordination</td>
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WHY THIS MATTERS TO COLORADANS

NORMA

- Not sharing info
- Lack of Coordination
- Not using Health Information Exchanges

- Colorado’s Strategic Health IT Roadmap
- Best Health, Best Value, and Best Cost
HEALTH IT ROADMAP

PROGRESS TO DATE
COLORADO’S HEALTH IT ROADMAP

- Approved November 2017 by eHealth Commission and LG for Implementation
- State Appropriation for starred initiatives FY18 released/unrestricted Nov 2018
- Federal Match for defined initiatives approved Dec 2018
- Next Federal Request in Progress
COLORADO’S HEALTH IT ROADMAP
FUNDING TIMELINE

Roadmap Approved by eHealth Commission and Gov’s Office Nov 2017

Workgroups Launched to Define Requirements

Federal Funding Match Approved Dec 2018

FY 19 Capital and Operating Funds Released July 2019

Federal Funding Match Requested May 2018

State Capital FY18/19 Funds Unrestricted Nov 2018

Next Federal Funding Request March 2019

Federal Funding Approved FY19-21 October 2019
High-Level Plans

Stakeholder Engagement

01 - Support care coordination in communities statewide
02 - Promote and enable consumer engagement, empowerment and health literacy

Governance

03 - Harmonize and advance data sharing and health information exchange capabilities in Colorado
04 - Integrate behavioral, physical, claims, social and other health data
05 - Statewide health information governance
06 - Health IT portfolio / program management

Resources / Financial

07 - Accessible and affordable health IT and information sharing
08 - Accessible and affordable health analytics

Privacy & Security

09 - Best practices for health information cybersecurity threats and incidents
10 - Consent management

Innovation

11 - Digital health innovation

Technology

12 - Statewide health information technical architecture
13 - Ease quality reporting burden
14 - Uniquely identify a person across systems
15 - Unique provider identification and organization affiliations
16 - Broadband and virtual care
## COLORADO’S HEALTH IT ROADMAP FUNDING

<table>
<thead>
<tr>
<th>Budget Component</th>
<th>SFY 18/19 Approved (State and Federal)</th>
<th>Current Funds Available (State and Federal)</th>
<th>Difference (Federal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>eCQM Reporting Tools and Registry</td>
<td>$50,000</td>
<td>$5,000</td>
<td>-$45,000</td>
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<tr>
<td>Health IT PMO</td>
<td>$330,000</td>
<td>$540,000</td>
<td>+$210,000</td>
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<td>MPI/MPD</td>
<td>$1,950,000</td>
<td>$1,500,000</td>
<td>-$450,000</td>
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<tr>
<td>Data Governance Tools and Processes</td>
<td>$500,000</td>
<td>$250,000</td>
<td>-$250,000</td>
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<tr>
<td>Automated and Integrated Consent</td>
<td>$250,000</td>
<td>$150,000</td>
<td>-$100,000</td>
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<tr>
<td>Colorado Consumer Portal for Health</td>
<td>$1,350,000</td>
<td>$1,350,000</td>
<td>$0</td>
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<tr>
<td>Advancing Colorado’s State HIE Infrastructure</td>
<td>$1,125,000</td>
<td>$1,125,000</td>
<td>$0</td>
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<tr>
<td>Technology Infrastructure for Care Coordination</td>
<td>$550,000</td>
<td>$150,000</td>
<td>-$400,000</td>
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<tr>
<td>Systems Integrator</td>
<td>$500,000</td>
<td>$250,000</td>
<td>-$250,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$6,605,000</strong></td>
<td><strong>$5,315,000</strong></td>
<td><strong>-$1,290,000</strong></td>
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FY 18/19 HIGHLIGHTS

COLORADO’S HEALTH IT ROADMAP

▪ eHealth Commission prioritized Care Coordination and Harmonize and Advance Health Information Exchange and Data Sharing as top two priorities.

▪ Roadmap Workgroups launched to develop requirements and define scope to begin planning, design, and implementation of efforts

▪ Launch Project Management Office for Roadmap

▪ Health IT Architecture for Colorado Drafted

▪ Annual Innovation Summit co-hosted with Prime Health

▪ Colorado Chapter of Health Information Management System Society and National Org endorse state Roadmap efforts

▪ Statewide consumer focus groups and survey
WHAT’S NEXT FY19/20
COLORADO’S HEALTH IT ROADMAP

▪ Secure 90/10 Funds for Planning, Design, and Implementation of projects for 2019-2021
  ▪ FY18/19 state funds received only partial federal match. Current efforts underway to reconcile

▪ Finalize architecture plans, recommendations, scope, planning, and requirements for initiatives

▪ Continue implementations and evaluation of initiative efforts
HIGH-LEVEL ANNUAL PROJECT PLANS

PROJECT MILESTONES AND FUNDING TIMELINES
Milestones

Q4-2018
- Roadmap Initiative Project Scope and Design

Q1 - 2019
- Launch OeHI Project Management Office
- Federal and State Funding Gap Analysis and Strategy

Q2 - 2019
- Governor Polis Administration Transition

Q3 - 2019
- Office of eHealth Innovation and eHealth Commission Transition from Planning to Implementation

Q4 - 2019
- Roadmap Initiative Project Implementation Begins

Build Foundation

Sustain/Enable

Governor Polis Administration Transition

Growth

Roadmap Initiative Project Implementation Begins

Milestones

State FY18/19 Capital Appropriation Unrestricted
FY19/20 HITECH Federal Funds Approved
Submit Request for FY 19/20/21 HITECH Federal Funds
State FY19/20 Capital and Operating Funds Released and unrestricted
FY 19/20/21 HITECH Federal Funds Approved
OeHI Annual Report on Roadmap Efforts

Federal and State Funding Gap Analysis and Strategy

Launch Sustainment Efforts and Health IT Roadmap Update Process

Office of eHealth Innovation and eHealth Commission Continues Implementation Efforts

Roadmap Initiative Project Implementations Continue

Submit Request for FY20/21 HITECH Federal Funds

State FY 20/21 Capital and Operating Funds Released and Unrestricted

FY20/21 HITECH Federal Funds Approved
OeHI Annual Report on Roadmap Efforts
Federal and State Funding Gap Analysis and Strategy
Continue Sustainment Planning Efforts and Health IT Roadmap Update Process

Office of eHealth Innovation and eHealth Commission Finalizes FY18-21 Capital Implementations

Submit Final Request for HITECH Federal Funds
Final HITECH Federal Funds Approved
State FY 21/22 Capital Funds=$0 and Operating Funds Cont.
All HITECH Federal Funds Spent by Sept, 21 2021
Office of eHealth Innovation and eHealth Commission Sustainment - Operations and Maintenance

Roadmap Initiative Project Sustainment Continues

Continue Sustainment Efforts with Multiple Funders

OeHI Annual Report on Roadmap Efforts

State FY 21/22 Operating Funds approved through FY 21/22.
**Questions?**

- For more details check out [OeHI’s website](#) or contact the Office directly
- Carrie Paykoc, Interim Director Office of eHealth Innovation
- Email: [carrie.Paykoc@state.co.us](mailto:carrie.Paykoc@state.co.us)
- Phone: 303-866-6304