

All-Payer Claims Databases: Current Status and Realizing the Potential

**State Health and Value Strategies Program
Robert Wood Johnson Foundation**



March 25, 2014

Agenda and Presenters



- ▶ Welcome and Introductions
 - ▶ Heather Howard, Princeton University, RWJF State Health Value Strategies Program

- ▶ Overview of APCDs
 - ▶ Jo Porter, APCD Council, University of New Hampshire

- ▶ Realizing the Potential of APCDs
 - ▶ Linda Green, Freedman Healthcare
 - ▶ Amy Lischko, Freedman Healthcare

- ▶ State Reaction
 - ▶ Jonathan Mathieu, Colorado APCD and Center for Improving Value in Health Care

- ▶ Question and Answer (15 minutes)

Robert Wood Johnson Foundation's State Health Value Strategies Program

- ▶ Committed to providing technical assistance to support state efforts to enhance the quality and value of health care by improving population health and reforming the delivery of care services
- ▶ Connects states with experts and their peers to develop tools to undertake new quality improvement initiatives
- ▶ Places an emphasis on building systems capacity, engaging stakeholders, and promoting payment and purchasing reforms
- ▶ <http://www.rwjf.org/en/grants/grantees/state-health-and-value-strategies--shvs.html>

APCD Issue Briefs

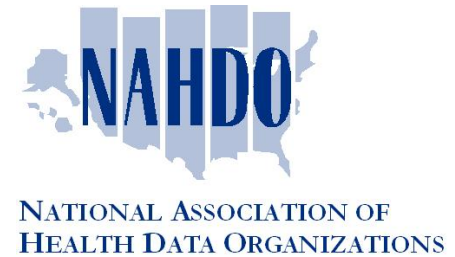


- ▶ The Basics of All-Payer Claims Databases: A Primer for States

http://www.rwjf.org/content/dam/farm/reports/issue_briefs/2014/rwjf409988

- ▶ Realizing the Potential of All-Payer Claims Databases: Creating the Reporting Plan

http://www.rwjf.org/content/dam/farm/reports/issue_briefs/2014/rwjf409989

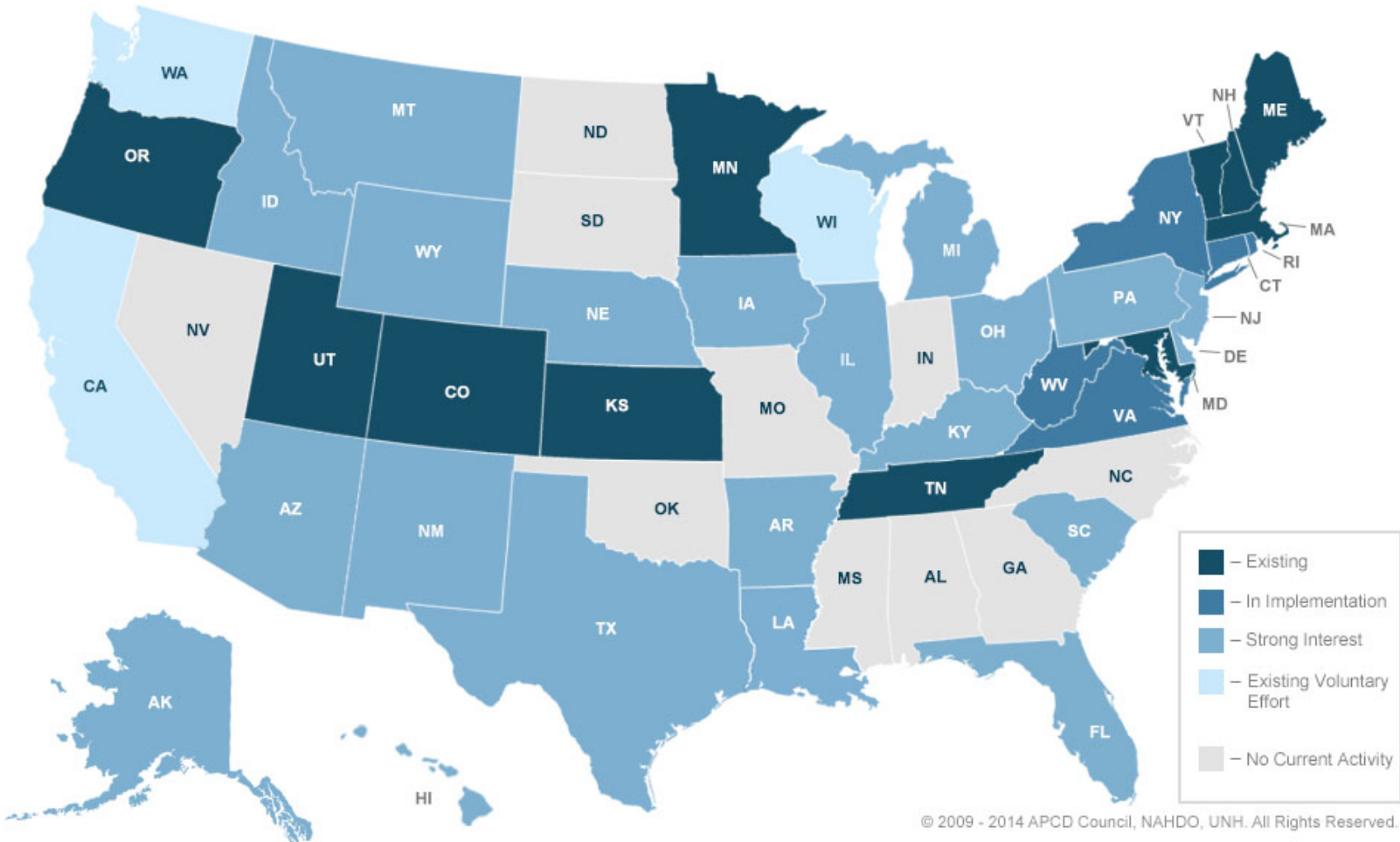


APCD Overview

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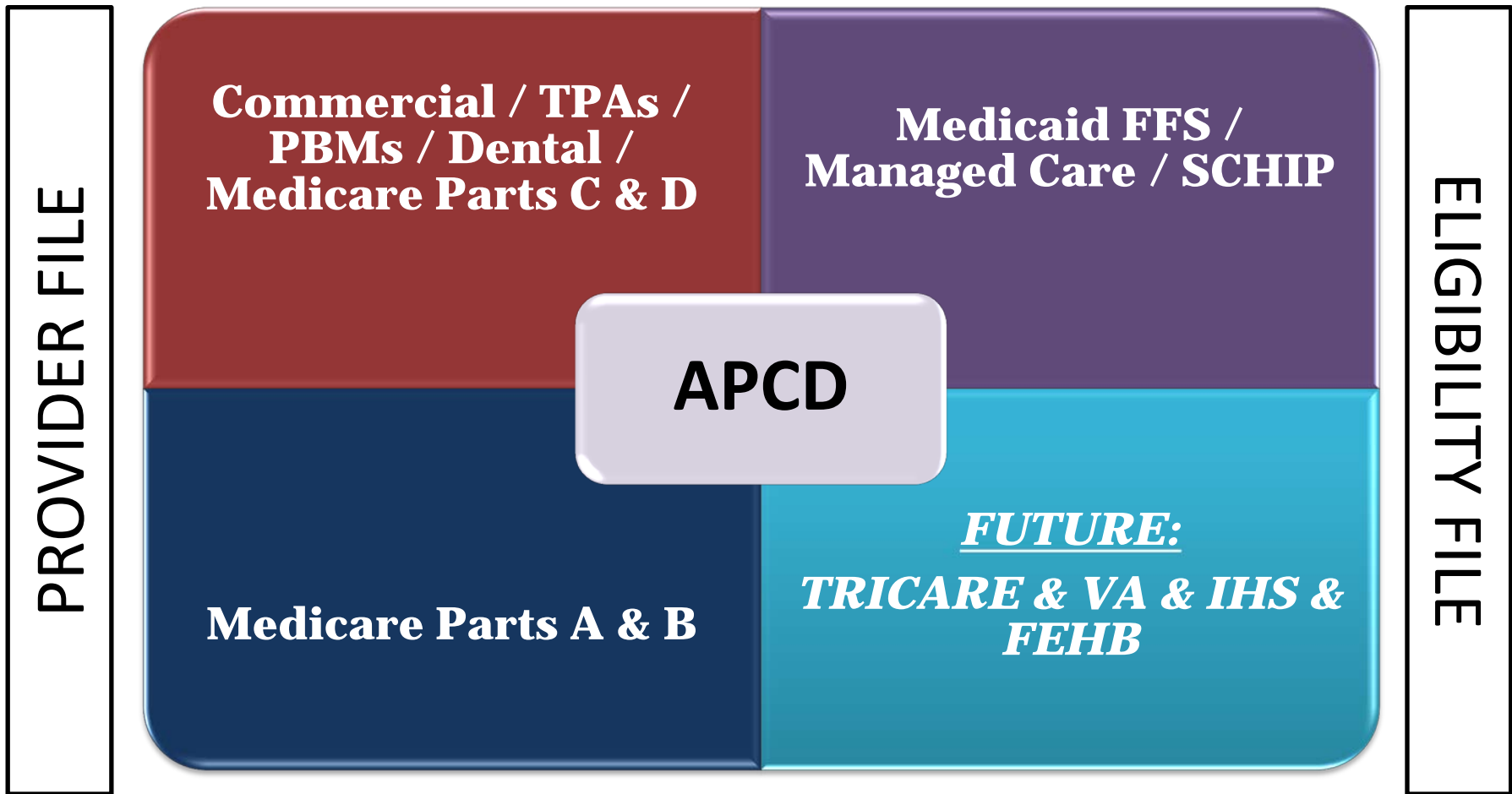
2014 APCD State Progress Map (as of March)



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Support for this webinar is provided through a grant from the Robert Wood Johnson Foundation's State Health and Value Strategies Program.

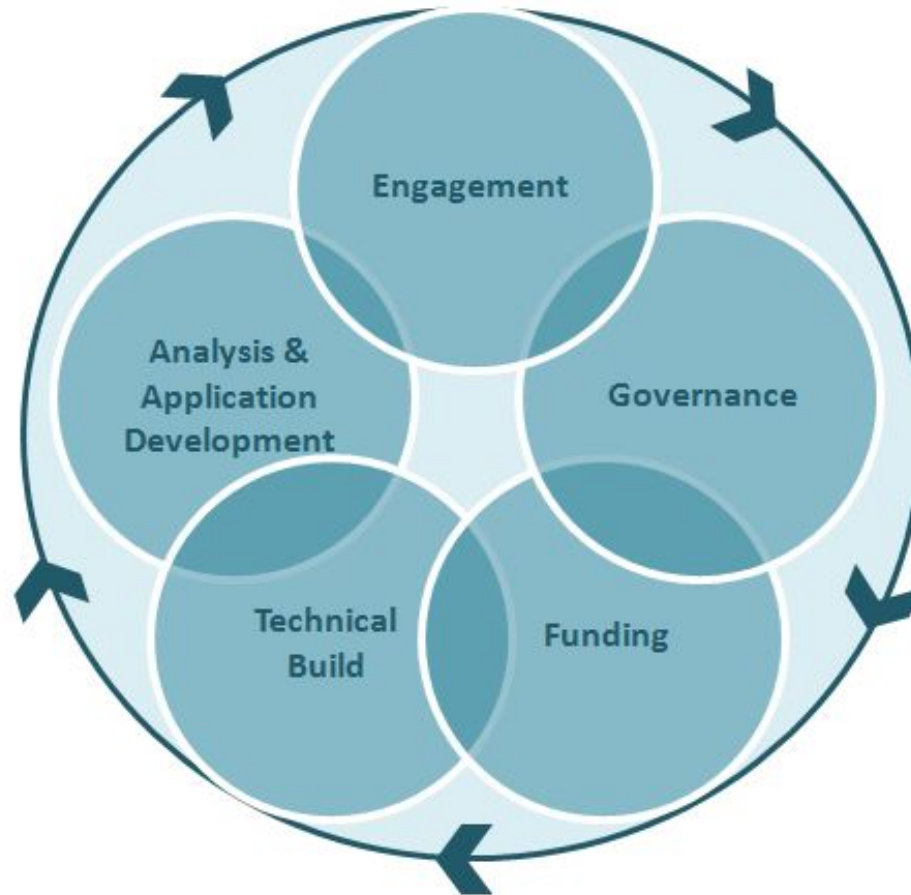
Typical APCD Data Sets



Typically Included Information

Information Typically Collected in an APCD	Data Elements Typically Not Included in an APCD
<ul style="list-style-type: none"> • Encrypted SSN or member identification number • Type of product (HMO, POS, indemnity, etc.) • Type of contract (single person, family, etc.) • Patient demographics (DOB, gender, ZIP code) • Diagnosis, procedure, and NDC codes • Information on service provider • Prescribing physician • Health plan payments • Member payment responsibility • Type and date of bill paid • Facility type • Revenue codes • Service dates 	<ul style="list-style-type: none"> • Services provided to uninsured • Denied claims • Workers' compensation claims • Premium information • Capitation fees • Administrative fees • Back end settlement amounts • Referrals • Test results from lab work, imaging, etc. • Provider affiliation with group practice • Provider networks

Implementation Framework



APCDs: Something for Everyone



HEALTH
DEPARTMENT

INSURANCE
DEPARTMENT

POLICY
MAKERS

MEDICAID

PURCHASERS

RESEARCHERS

PROVIDERS

PAYERS

CONSUMERS

Lessons Learned by States

- Think About Future while Building the APCD
- Develop Multi-Stakeholder Approach
 - Form Provider Relationships
 - Form Payer Relationships
- Be Transparent and Document
- Understand Uses and Limitations
- Seize Integration & Linkage Opportunities
- Develop Use Cases



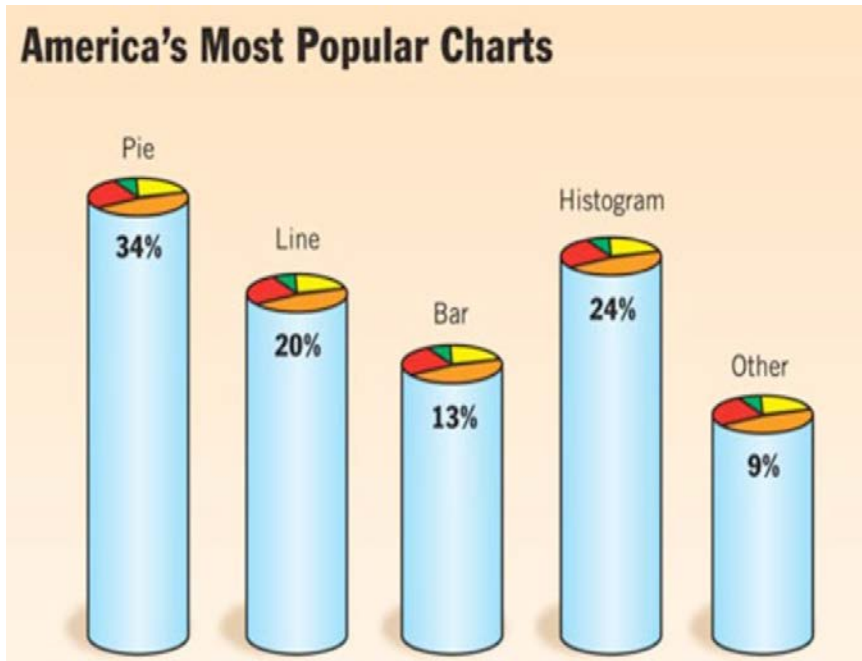
From Data to Information: Realizing the Potential of All-Payer Claims Databases

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Getting to Meaningful Reporting

America's Most Popular Charts



© The Onion; shared by Wowzilla

- ▶ Nine states currently issue data or reports based on APCD
- ▶ States vary considerably in acceptable uses
- ▶ Types of data uses and breadth of distribution are still evolving:
 - ▶ State agencies only
 - ▶ Academic researchers
 - ▶ Public facing reports
 - ▶ Other users

Building Stakeholder Support

- ▶ Engage early and often with a broad range of stakeholders in formal groups and one-on-one meetings
- ▶ Address questions such as:
 - ▶ What will be reported?
 - ▶ Who decides what will be reported?
 - ▶ How will it be calculated?
 - ▶ How will information be validated?
 - ▶ Will the results be fair to everyone?
 - ▶ What information do consumers want?
 - ▶ How do we make information available?
- ▶ Create strategies to answer difficult questions:
 - ▶ Talking points
 - ▶ Educational materials

What is transparency?

REPORT TO THE LEGISLATURE

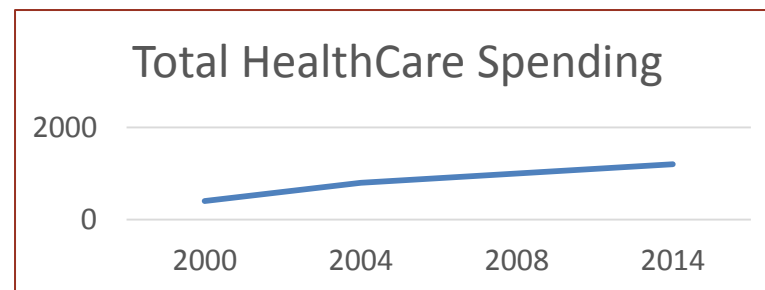
HEALTH CARE COST TRENDS

GEOGRAPHIC ANALYSIS

Dr. A	★ ★ ★	\$\$
Dr. B	★ ★	\$\$
Dr. C	★	\$

Hometown Hospital Posted Procedure Costs- 2014

Outpatient Hernia Surgery	\$XX,XXX
Heart Valve Replacement	\$XXX,XXX
MRI with contrast	\$X,XXX
C-section delivery	\$XX,XXX



- ▶ Stakeholders can help frame the APCD's approach to major themes
- ▶ Consider different ways to achieve the same outcomes
- ▶ Helps inform priorities during the technical build

Preparing for Reporting Operations

- ▶ Getting started: Develop a plan
 - ▶ Frame questions that the APCD data can answer -- and the questions that cannot be answered with just claims data
 - ▶ Long term goals – building overtime
 - ▶ Short term options – modest short term goals
 - ▶ State staff for vendor oversight, data submission compliance, data release
 - ▶ Sustainability – what to deliver and how to do that
- ▶ Lay out a schedule for reports and enhancements – builds credibility
 - ▶ Be realistic
 - ▶ Allow sufficient time to check the results
 - ▶ Acknowledge data limitations
 - ▶ Clear, attainable goals
- ▶ Deliver on time
- ▶ Develop a clear message about data privacy and security – always stress the value of the APCD as well as the protections

Value of Stakeholder Input

- ▶ Deliver the same message to a broad array of participants
- ▶ Hear early warning of emerging issues
- ▶ Address questions such as:
 - ▶ What are we trying to measure?
 - ▶ Will this data measure that?
 - ▶ How can we make fair comparisons among different groups?
- ▶ Create reporting principles, such as:
 - ▶ certain reports will be available at no charge
 - ▶ Ratings and comparisons must show meaningful variation
 - ▶ Allow for a preview period before public release
- ▶ Frame governance issues – involve stakeholders
- ▶ Manage expectations – use stakeholder groups to report back to constituencies

Audiences and Data Delivery

▶ Consider the APCD data users

	Research Datasets	Standard Reports	Custom Reports	Web-Enabled Tools	Web Displays
State Agency Users	✓	✓	✓	✓	
Researchers	✓		✓		
Policy Makers		✓	✓		✓
Provider Performance					✓
Consumers					✓

- ▶ Help future APCD users frame their questions
- ▶ Case Study: Massachusetts administrative simplification
 - ▶ Brought state agencies together to create unified data spec
 - ▶ Reduce burden on carriers
 - ▶ Single data warehouse – one source of information

Phased Approach to Realizing Potential

- ▶ Use the APCD data as much as possible – engage with users
- ▶ Start with high level aggregated reports
 - ▶ Frequencies and per capita rates
 - ▶ Population health
 - ▶ Large geographic areas
 - ▶ Disease prevalence
- ▶ Partner with academic researchers to assist with data quality
- ▶ Expand and elaborate over time
- ▶ Case study: New Hampshire
 - ▶ Rolling out reports 2007 through 2010

Focus on Data Quality and Credibility

- ▶ Data quality is an ongoing, iterative process
 - ▶ At intake, assess compliance with submission requirements
 - ▶ During production, look at trends against prior months for a particular data submitter
 - ▶ During file development, assess overall stability and reliability across all data
- ▶ External benchmarking
- ▶ Case study: Minnesota Peer Comparisons
 - ▶ Projected three stages of reporting
 - ▶ Worked extensively with providers

What's ahead for APCDs?

- ▶ Increased Insurance Department interest
 - ▶ Rate Review
 - ▶ Supplemental filings
- ▶ Continuing interest in aligning with clinical data
 - ▶ Support outcome measurement
- ▶ Expanded access to de-identified data
- ▶ Improving consumer engagement

Expanding Data Uses

Colorado All Payer Claims Database

Center for Improving Value in Health Care

<https://www.cohealthdata.org/>

Minnesota Department of Health

Provider Peer Grouping

<http://www.health.state.mn.us/healthreform/peer/>

Commonwealth of Massachusetts

Center for Health Information and Analysis

<http://www.mass.gov/chia/>
<http://www.mass.gov/chia/docs/p/apcd/apcd-overview-2014.pdf>

New Hampshire Comprehensive Health Information System

Reports and Analysis

<http://www.nh.gov/insurance/reports/index.htm>



State Reactions Colorado APCD



CENTER FOR IMPROVING
VALUE IN HEALTH CARE

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Colorado Experience: Challenges

- ▶ Getting comprehensive claims data – self-insured is a struggle; Medicaid FFS is a heavy lift.
- ▶ Servicing and rendering providers
- ▶ Moving beyond claims - getting plan and benefit design and EMR/EHR data
- ▶ Gotta deliver on the something for everyone promise – meaningful quality measures and physician group level reports that make a difference

Colorado Experience: Making it Work

- ▶ Collaborate, collaborate, collaborate! Keep reaching out to diverse stakeholders and be persistent – interest grows over time
- ▶ Begin modestly; everything will take longer than expected, even the seemingly easy stuff!
- ▶ Emphasize there is something in this for everyone and deliver on that
- ▶ No surprises – be very transparent about measurement methodologies; allow time for preview and comment in advance of public report release; set clear timelines
- ▶ Validation is an ongoing process – there is a very clear need for a manual of best practices
- ▶ APCDs need to think about how to make data submission relatively painless for carriers – standardization of formats or intake specs might help
- ▶ You can get past issues such as data sharing under HIPPA and HITECH and compliance with joint DOJ/FTC anti-trust safety zone guidelines– don't accept no for an answer
- ▶ Don't hesitate to reach out with questions. CIVHC/CO APCD has benefitted tremendously from the knowledge and experience shared by the APCDs that came before us.

Questions and Comments



- ▶ Questions/Comments from listeners?
- ▶ Suggestions?

About The APCD Council

Co-Chairs:

- Jo Porter, Jo.Porter@unh.edu
- Denise Love, dlove@nahdo.org

Early Stage Technical Assistance to States

- Shared Learning
- Catalyzing States to Achieve Mutual Goals

www.apcdouncil.org

www.apcdshowcase.org



About Freedman HealthCare



- ▶ Support states and other organizations to acquire and use data to drive towards the Triple Aim
- ▶ Hands-on APCD experience with 10 states
 - ▶ Project management
 - ▶ Stakeholder engagement
 - ▶ Policy and operations guidance
 - ▶ Technical expertise
- ▶ Unaffiliated with IT vendors

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