

access health CT  
analytics



# APCD Advisory Group

*November 13, 2014*

# Presentation Overview

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- Public Comment
- Review and Approval of June 12 and July 10, 2014, meeting minutes
- CEO/ ED Updates
- Overview of APCD Data Management/Analytics Vendor Contract
- Overview of APCD Implementation
- Introduce APCD Data & Analytic Vendor
- 2<sup>nd</sup> Circuit Court Decision
- Medicaid Data Status
- APCD Website & Newsletter
- Status of Subcommittees
- Next Steps
- Future Meetings

# CEO / ED Update

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- Milestone achievement - APCD Vendor contract finalized! Implementation for APCD solutions will be discussed in detail
- As part of APCD implementation, AHA developed 164 tasks to ensure that the infrastructural and functional capabilities meet our expectation
- AHA also developed performance based payments so that reimbursement is tied to 40 milestone tasks
- AHA/AHCT hired a graphic design company to develop our logo; we have selected and applied for trademark on the words - Access Health CT Analytics
- AHA spent considerable resource and time in developing its own website and newsletter, presently under review and will be activated soon
- AHA has spent time reviewing the 2<sup>nd</sup> Circuit Court's ruling and its impact on CT's APCD data collection
- AHA had prioritized contract finalization as its top goal; having achieved it, AHA will work with the subcommittees to continue future discussions

# Overview of APCD Data & Analytics Vendor Contract

- Access Health CT (AHCT) has signed an agreement with Onpoint Health Data (Onpoint) to provide data management and analytics services for CT's APCD
- AHCT went through a rigorous and transparent vendor RFP process (presented in detail on 3/27/2014 AHCT Board and June 12, 2014, Advisory Group meetings)
- Initially 16 vendors expressed interest to submit bids, but by RFP deadline only 10 vendors submitted proposals
- Only 5 vendors met the criteria to be eligible for appraisal - Analytic Partners, Onpoint, Optum, SAS and Treo Solutions
- Top 3 vendors were invited for Oral presentations - Onpoint, Treo Solutions and Analytic Partners
- Onpoint was the front-runner on costs, experience and solutions offered
- Contract is for 5-year duration with an option to extend an additional 5-year
- Total value of the contract for 1<sup>st</sup> 5-year is \$6.88m; 2<sup>nd</sup> 5-year is \$4.70m

# Overview of APCD Data & Analytics Vendor Contract

- Founded in 1976 as an independent non-profit company, Onpoint specializes in health care information with focus on health care data management and analyses domain
- Onpoint manages APCDs in 3 other states - RI, VT and MN; manages VT's Blueprint for health; recently awarded 2 federally funded comprehensive Primary Care initiatives; supports Dartmouth Institute's work on Pediatric Atlas study, etc.
- Onpoint deals with 200 carriers from 35 states for data submissions - managing 12.5 million lives and 10 Terabyte of data
- AHCT has unique requirements for CT's APCD; Onpoint was able to offer solutions creatively and flexibly
- Long-term contract protects development investment and IP

# Overview of APCD Data & Analytics Vendor Contract

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## Main Highlights of Contract

### 1. Security Provisions

- a. Data vendor must meet HIPAA and NIST (National Institutes of Standards and Technology ) compliant policies, procedures and infrastructures
- b. AHA required additional security features and dedicated environment
- c. Data vendor must have annual audit to recertify, and AHA also may request security audit anytime within 5 days of advance notice
- d. Data vendor must inform AHA of any incident involving data breach or attempted breach within 3 hours
- e. Data vendor must keep Connecticut's data separately in a dedicated server in vendor's production and managed environments
- f. Data access for both vendor's analysts and AHA's analysts will be restricted and/or managed via 'role based access control' (RBAC) capabilities

# Overview of APCD Data & Analytics Vendor Contract

## Main Highlights of Contract (continue)

### 2. Vendor Implementation & Payments

- a. APCD implementation has been carefully crafted along 9 service lines
  - i. Project Management (10 tasks)
  - ii. Data Security (18 tasks)
  - iii. Data Management Infrastructure (19 tasks)
  - iv. Data Collection (34 tasks)
  - v. Managed Environment (10 tasks)
  - vi. Data Management & Analytics (35 tasks)
  - vii. Consumer Research & Communication (6 tasks)
  - viii. Web Access (27 tasks)
  - ix. Business Sustainability Planning (5 tasks)
- b. In total, there are 164 tasks, to guide us initiate, monitor and complete
- c. Vendor payments are based on a select set of tasks, which are called milestones. There are 40 milestones that will form the basis for payments in the implementation time
- d. Operation year payments (partially) are also tied to meeting six (6) Service Line Agreements (SLAs) across production, managed and web environments

# Overview of APCD Data & Analytics Vendor Contract

## Main Highlights of Contract (continue)

### 3. Contract Duration

- a. As mentioned earlier this contract is for a duration of 5-year with an option for another 5-year period at a pre-determined costs
- b. Main reason – development funds for developing Connecticut-specific infrastructure came from CMS/CCIO; additional funding is not going to be available in the future.
- c. Other reason for long-term commitment is to protect investment in intellectual property (IP) and developing Connecticut-specific reporting package
- d. AHA also retained the right to any IP developed independently or jointly with vendor during the contract period
- e. Vendor is obligated to allow its IP and system to be licensed to AHA on agreeable terms & conditions, even beyond contract years if AHA desires to operate
- f. This is not a service only contract due to the substantial value placed on the IP component



# Overview of APCD Data & Analytics Vendor Contract

## Main Highlights of Contract (continue)

### 4. Business Sustainability

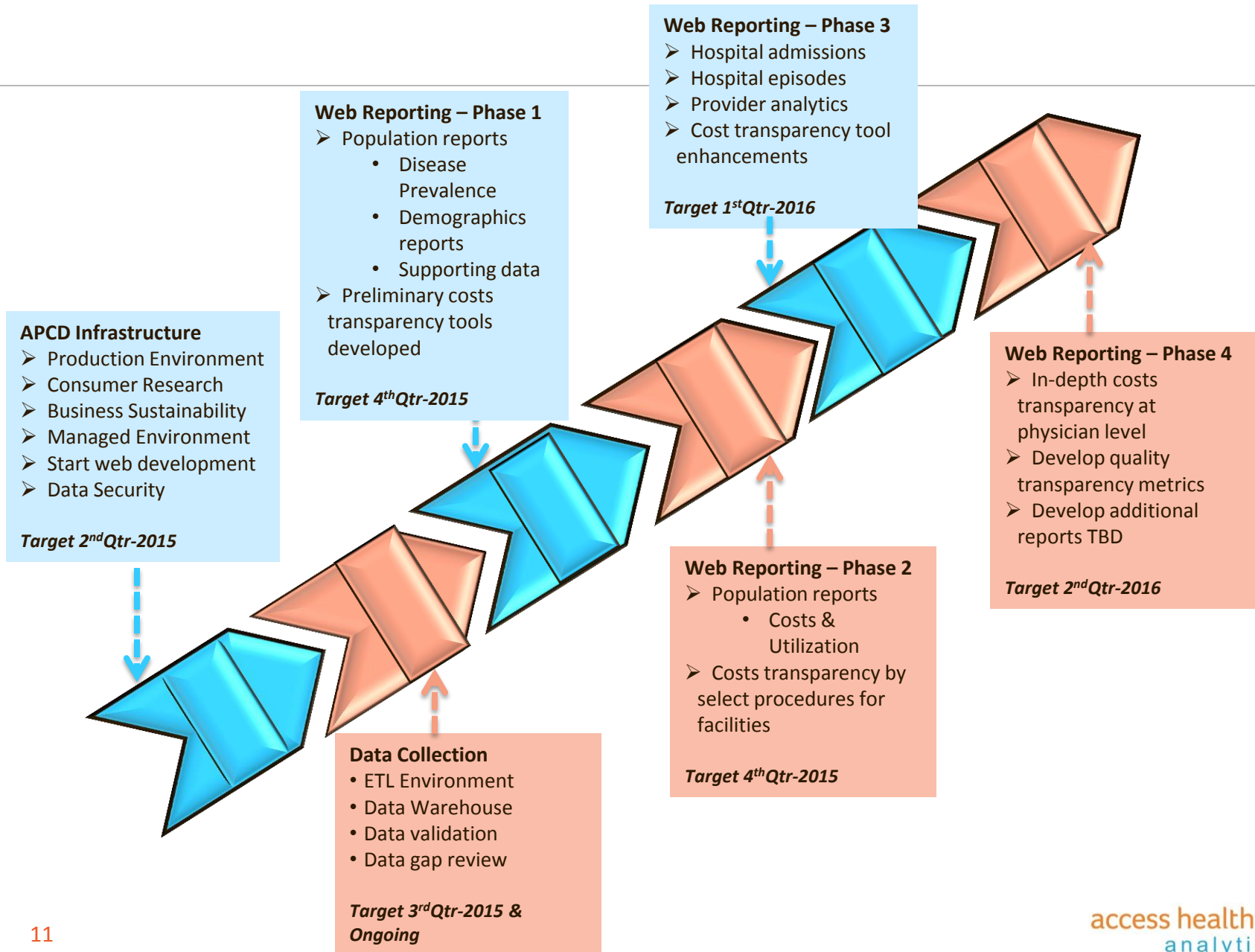
- a. AHA believes that the success of the APCD will rely a lot on self-sustainability
- b. Two (2) service lines address ways to identify self-sustainability using consumer research, survey and focus group approaches
- c. We also retained the services of proven expertise in developing business sustainability model, as part of the contract arrangement
- d. As part of the project implementation, we'll engage various stakeholders in the state to formulate medium- to long-term strategies to address revenue generation for CT's APCD
- e. We'll also approach state agencies to perform tasks that could contribute to self-sustainability in a win-win model for all parties

# Overview of APCD Implementation

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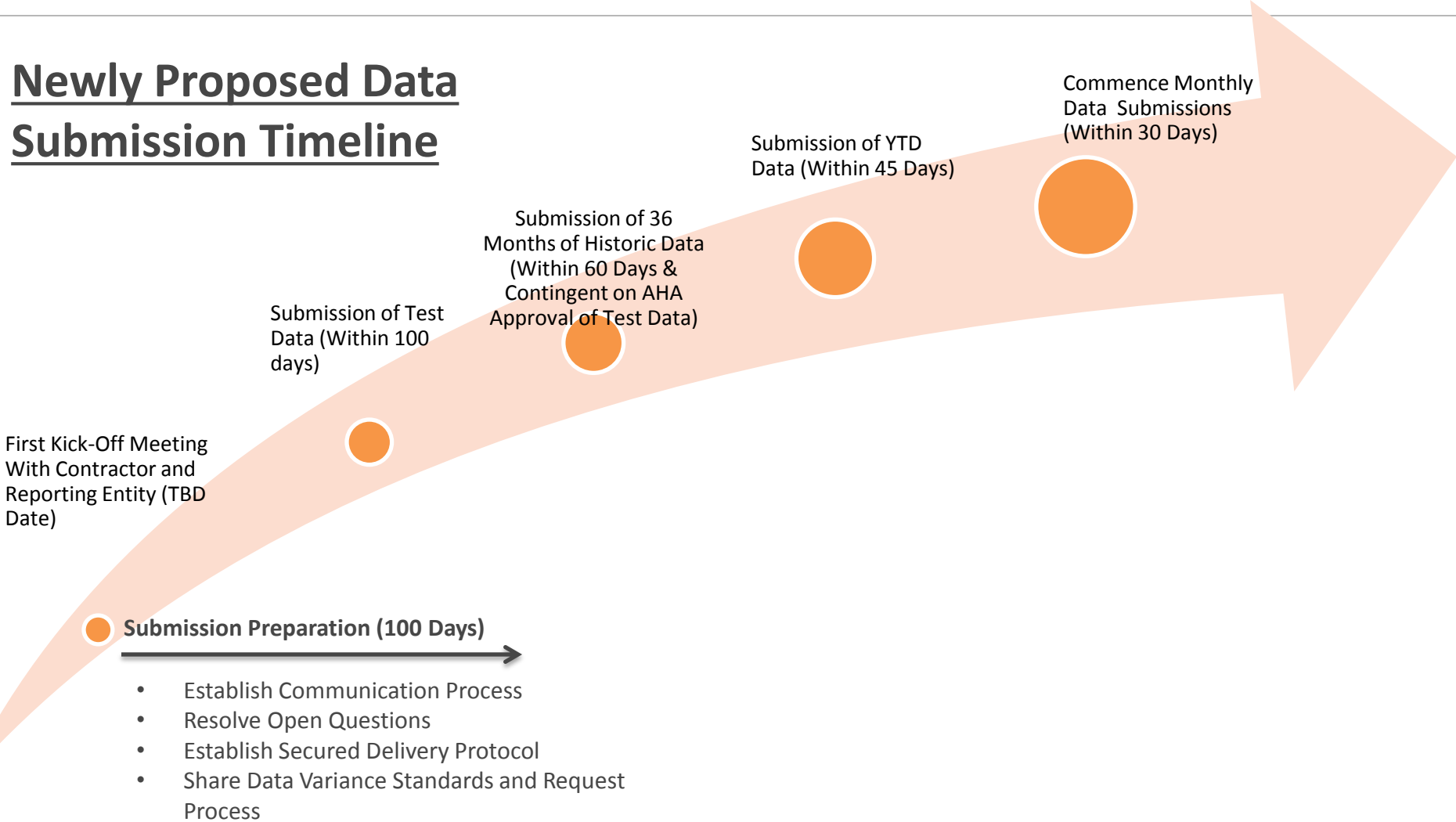
- 4 Releases within the contract
  - **Release 1** – Build APCD Infrastructure, including Managed Hosting Environment
  - **Release 2** – Develop ETL & Data Warehouse Infrastructure
  - **Release 3** – Develop Reporting and Analytics
  - **Release 4** – Develop Web Hosting Capability
- Implementation time for these releases will be 12-15 months from contract date

# Overview of APCD Implementation



# Overview of APCD Implementation

## Newly Proposed Data Submission Timeline



# Onpoint Health Data (OHD) Presentation

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## Presentation of OHD Capabilities

# Onpoint Background & History

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- Founded 1976 as an independent, nonprofit health data organization
- Based in Portland, ME
- 30 staff - systems and data analysts, QA analysts, intake and operations support, client account managers, others
- Mission - Advancing informed decision making by providing independent and reliable health data services
- Vision - Maintaining APCD market leader status; end-to-end solutions from aggregation and warehousing through analytics; expert in integration of new data sources

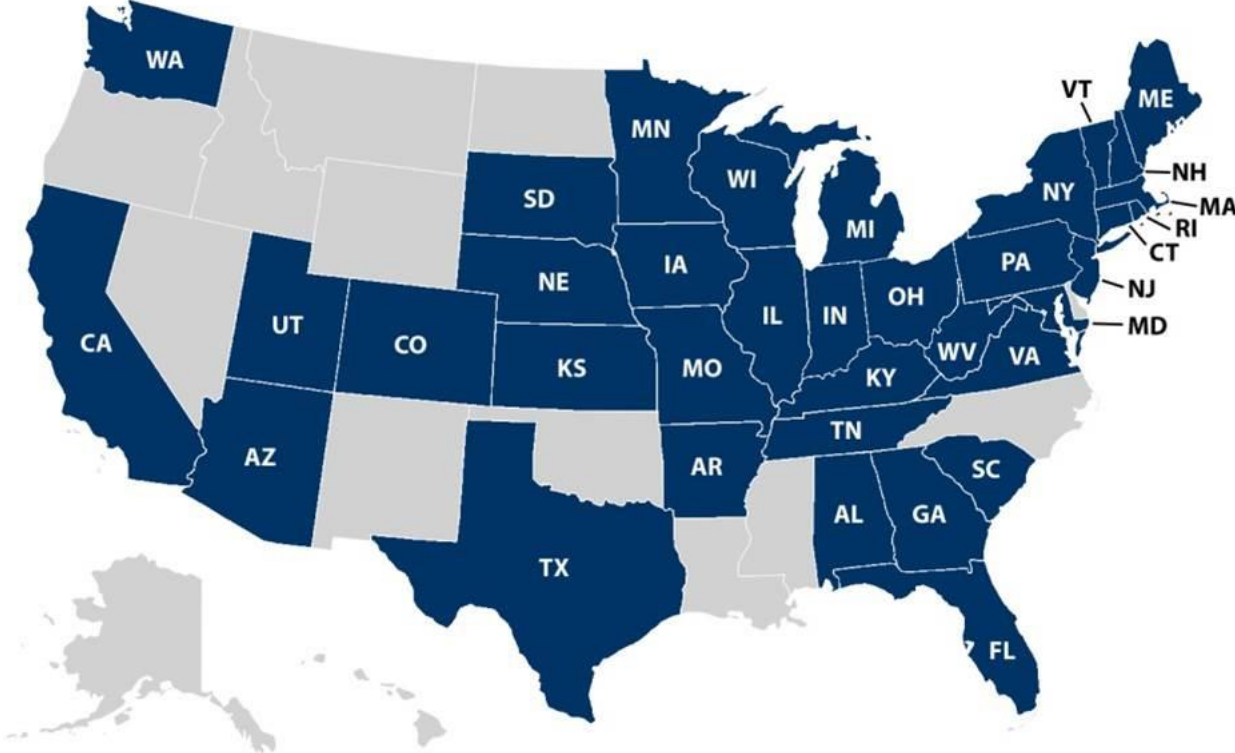
# Onpoint Background & History

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- Independent, 501(c)(3) based in Portland, ME
- Record of innovation
  - 1980s. Data organization supporting Dr. J. Wennberg's small-area variation studies
  - 1995. First-of-its-kind, multi-payer claims database for business coalition in Maine
  - 2000s. Developed Maine's APCD followed by 5 other states
  - 2006. First to integrate Medicare data into APCD
  - 2010. 3-state APCD integration for landmark variation study
  - 2013. Data and analytic support for Dartmouth Institute's multi-state Pediatric Atlas and Total Cost of Care studies
  - 2014. Claims-clinical data integration for VT Blueprint

# APCD Market Leader

More than 200 carriers currently providing data from 35 states





# Onpoint CDM - Highlights

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- Secure, encrypted data submissions initiated by “submitters”; both manual and automatic applications available
- More than 500 data-quality validations performed on data before it “passes” and moves on
- Data quality performed at multiple stages in the process
- Data elements standardized across all data sources for consistency
- Master Person Index (MPI) applied across all APCD data sources for consistency in analytics and reporting
- More than 15 standard algorithms available for data consolidation

# Onpoint CDM - Value-Adds

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- Master Provider Index, provider attribution
- Health status, diseases, condition assignment
  - CRG, ERG, HCC, CCS
- Services and utilization value adds
  - Type of service, inpatient flag, and length of stay
  - MS-DRG, APR-DRG, APC, APG, BETOS, CCS for procedures
  - Red Book®
  - Total Cost of Care (TCOC)
- Episode Treatment Groups
- Quality of care measures (e.g., HEDIS, AHRQ)

# Profile: Data Management Services

## Current APCD Client Metrics & Services (1 of 2)

METRICS & SERVICES FOR CURRENT STATE APCDs	MN	RI	VT
<b>Basic Metrics</b>			
Number of data submitters	78	15*	77
Data volume — Annual average records (in millions)	525	100*	68
Data types: Enrollment / Claims ( <b>M</b> edical   <b>PhaR</b> macy) / <b>P</b> rovider	EMR	EMRP	EMR
<b>Public Payer Integration</b>			
Medicare	◐	●	●
Medicaid	◐	●	●
<b>Core Services</b>			
Carrier communication and on-boarding	●	●	●
Initial and ongoing carrier registration	●	●	●
Secure upload and PHI encryption utility development	●	●	●
Data collection and validation in conformance with state regulations	●	●	●
Data QA (code validation, interrelationships, trends)	●	●	●
Incurred service claims consolidation algorithms (carrier specific)	●	●	●
Data specifications and submission schema	●	●	●
Master Person Index	●	●	●
Master Provider Index	◐	●	●
Data warehousing (relational structure)	●	●	●
Carrier and client communications, including related documentation	●	●	●
HIPAA-compliant data security	●	●	●

\* Estimated figures (RI implementation in full development in 2013)

○ Services not contracted    ◑ Very limited scope    ◐ Limited scope    ◔ Expansive scope    ● Full scope

# Profile: Data Management Services

## Current APCD Client Metrics & Services (2 of 2)

METRICS & SERVICES FOR CURRENT STATE APCDs	MN	RI	VT
<b>Value-Added Services</b>			
Hospitalization identifier	●	●	●
Length of stay and patient age	●	●	●
Type of service indicator, special purpose flags, and use flags	●	●	●
Disease categorization	●	●	●
Drug class categorization	○	●	●
Provider type and specialty designation	◐	●	●
Diagnosis/procedure grouping	●	○	●
Risk scoring	○	○	●
HEDIS	●	○	●
Total Cost of Care	○	○	●
<b>Analytic Services</b>			
Customized reporting and analysis	◑	○	●
Program evaluation	○	○	●
Data linkage (claims and non-claims sources)	◐	○	●
Online reporting (including BI tools)	○	○	●
<b>Data Access Services</b>			
Remote access services	●	●	●
Restricted-use data set extraction and documentation	●	●	●
Public-use data set extraction and documentation	○	○	●
Data user support (online Collaboration Zone, webinar training, etc.)	◑	○	●

○ Services not contracted    ◐ Very limited scope    ◑ Limited scope    ◒ Expansive scope    ● Full scope

# New: Dartmouth Pediatric Atlas

Based on Onpoint's Integration of APCDs from ME, NH, & VT



# Practice Profiles Evaluate Care Delivery

## Adult & Pediatric Profiling for Vermont Blueprint



# 2<sup>nd</sup> Circuit Court Decision

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Attorneys from Shipman & Goodwin will lead discussion

# Medicaid Data Status

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- Other state APCDs
- Update From DSS



# Introduction of Access Health CT Analytics Online

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Demo of Webpage, Newsletter

# Status of Subcommittees

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**Policy & Procedures Enhancement Subcommittee**

**Data Privacy & Security Subcommittee**

# Next Steps

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