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Arkansas All-Payer Claims Database Project

APCD Advisory Committee Meeting



All-Payer Claims
Database

January 23, 2014

ADMINISTERED BY **ACHI**
ARKANSAS CENTER FOR HEALTH IMPROVEMENT

Agenda

- **Welcome and Introductions**
- **Data Collection and the Private Option**
- **APCDs and HIPAA**
- **APCD Security and De-identification Protocols**

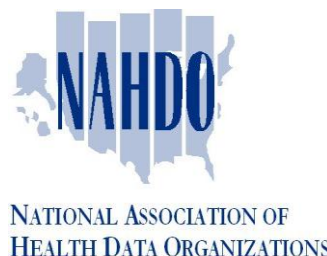
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All-Payer Claims Databases

Denise Love, National Association of Health Data Organizations
APCD Council

Josephine Porter, University of New Hampshire
APCD Council

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Our Work

- Early Stage Technical Assistance to States
- Shared Learning
- Catalyzing States to Achieve Mutual Goals

www.apcdouncil.org

www.apcdshowcase.org



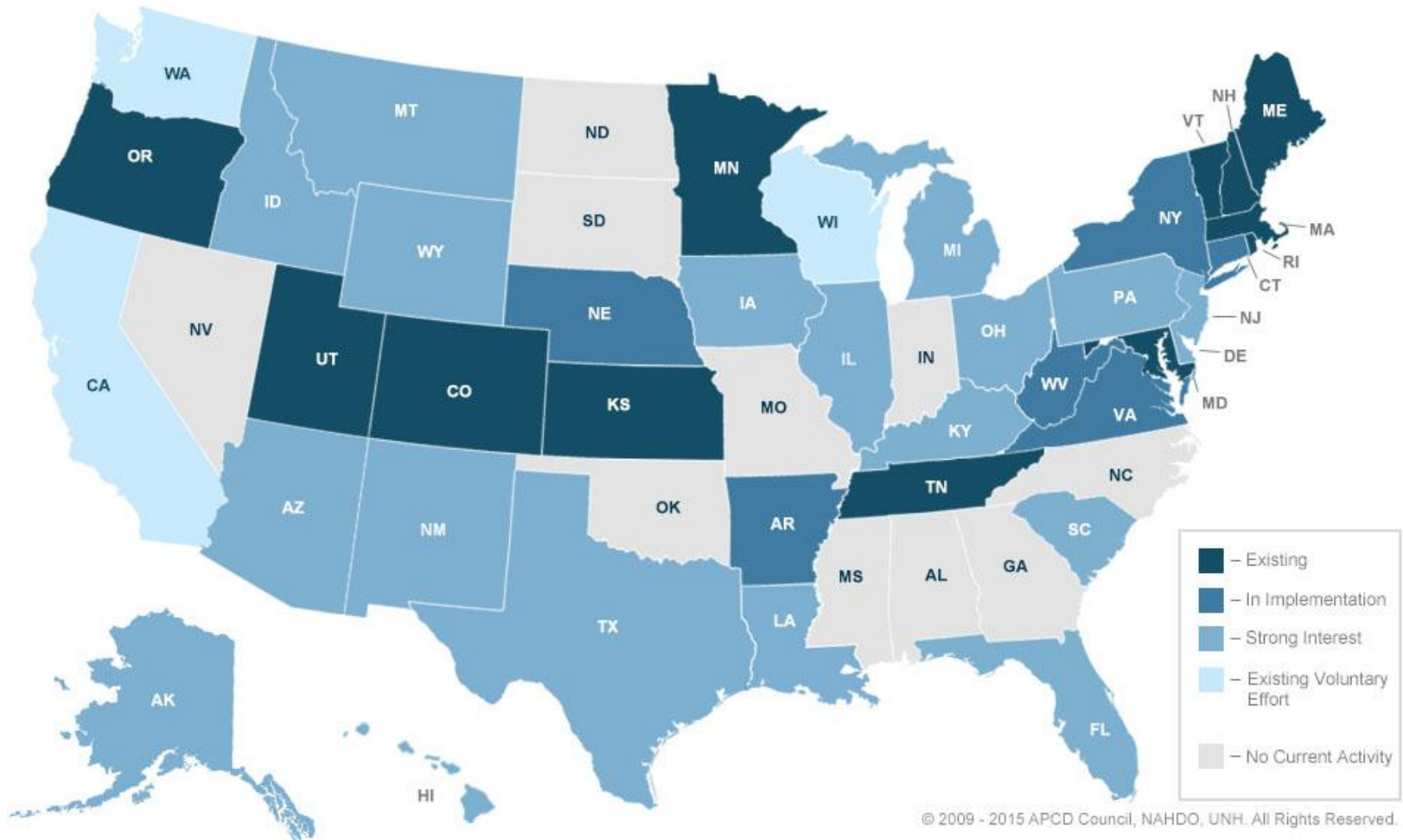
APCD Showcase

ALL-PAYER CLAIMS DATABASE

 presented by the APCD Council

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Statewide All-Payer Claims Database Activity 2015



State Approaches to APCD Aggregation

State Law

- Majority of state APCDs
- Broad (Public Health Authority, Medicaid, Insurance)
- Specific law
- Exempt from some HIPAA PR provisions

Voluntary Initiative

- Treatment, Payment, Operations
- Research priorities
- De-identified submission
- Business Association Agreements
- MOUs governing data initiative
- Public reporting / data availability varies

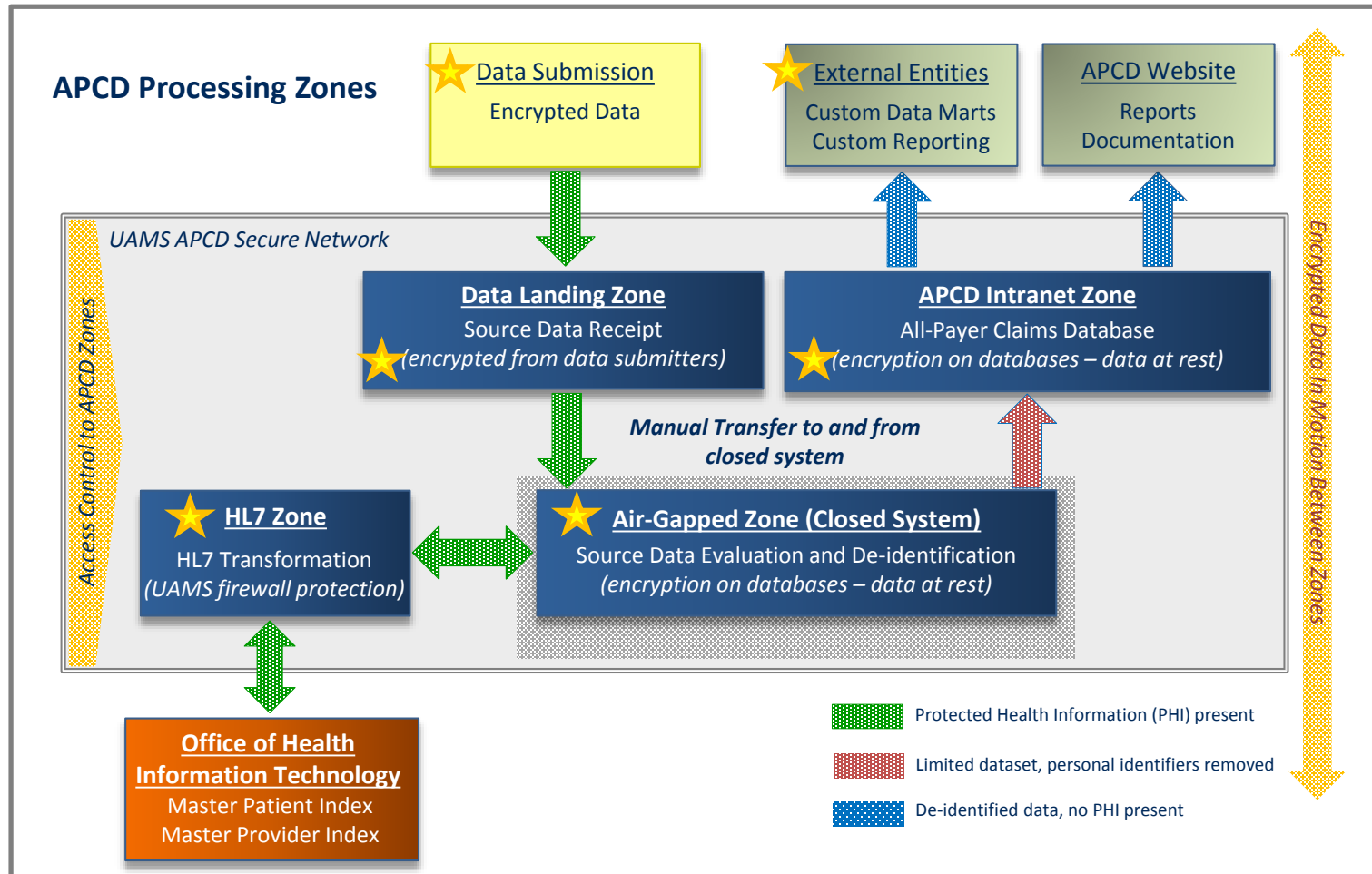
Governance

State Led	Public-Private	Private Non-profit
State agency led; policy development informed by multi-stakeholder advisory committee	Initial planning led by state agency; day-to-day operations delegated to private non-profit, selected by the state	Private, voluntary reporting initiatives
Kansas, Maine, Massachusetts, Maryland, Minnesota, New Hampshire, Oregon, Tennessee, Utah, Vermont, W. Virginia, Rhode Island, Connecticut, New York	Colorado, Virginia	Wisconsin, Washington

Questions???

- Denise Love
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 - dlove@nahdo.org
- Josephine Porter
 - University of New Hampshire/APCD Council
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 - [Apcdcouncil.org](http://apcdcouncil.org)

APCD Encryption Touch Points



APCD Zone Data

ACHI Closed Network

Air-Gapped Zone

- PHI Data Storage
- Person identifier Assignment
- SHARE EPID assignment

UAMS Secure Network

APCD Intranet Zone

Removed:

- Name
- Street Address
- Social Security Number
- Date of Birth
- Misc. Identifiers

Keep:

- Key identifiers
- APIDs, EPIDs
- Key dates
- Age/Birth Year (under 89)
- County
- ZIP Codes

Outside UAMS Secure Network

External Entities

Replace with unique codes:

- APIDs
- Misc. Identifiers

Reformat:

- Key Dates to years only
- ZIP codes to first 3 digits if quantity < 20K

Omit:

- Geo codes
- County

External extracts are based on source specific data use agreement requirements.

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APCD De-identification Protocols

Variable/Process	De-identification Action
Names	First, middle, and last names removed from all records
Geographic Identifiers	<ul style="list-style-type: none">Remove street addresses, and cities from all records.Selected geographic populations under 20,000:<ul style="list-style-type: none">Remove counties, precincts, geo-codesRetain only the first 3 digits of the ZIP codes
Social Security Number	Social Security Number removed from all records
Date of Birth	Age and birth year retained
Key Identifiers	Unique codes replace medical record numbers, health plan beneficiary numbers, account numbers
Key Dates	Year retained
Misc. Identifiers: Phone/fax numbers, email addresses, certificates/licenses, vehicle identifiers, device identifiers/ serial numbers, URLs, IP addresses, biometric identifiers, full face photographs	All are removed from each record

Source specific data de-identification is based on data use agreement requirements.

