

All-Payer Claims Databases

Joint Commission on Health Care
Stephen W. Bowman
Senior Staff Attorney/Methodologist

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Significant variation exists in health care costs, inflation, and quality by location

Fact 1: Virginia's 2004 per capita health care costs are lower than the U.S. (\$4,822 vs. \$5,283)

Fact 2: Virginia's annual health care inflation rate from 1991–2004 is higher than the U.S. average (5.6% vs. 5.5%)

Fact 3: Virginia health care sectors' annual inflation from 1991–2004

- Rx with medical non-durable expenses had the highest increases of 8.4%
- Hospital Care was lowest at 4.6%

Fact 4: Preventable hospital readmissions in Virginia differ by geography

Fact 5: More expensive health care does not yield higher quality

What Is an All-Payer Claims Database?

- ▶ Databases that typically include data derived from medical, eligibility, provider, pharmacy, and/or dental claims from private and public payers:
 - Insurance carriers
 - Medical, dental, third party administrators (TPAs), pharmacy benefit managers (PBMs)
 - Public payers
 - Medicaid, Medicare, Veterans Administration
- ▶ APCDs can allow for a broad understanding of cost and utilization across institutions and populations

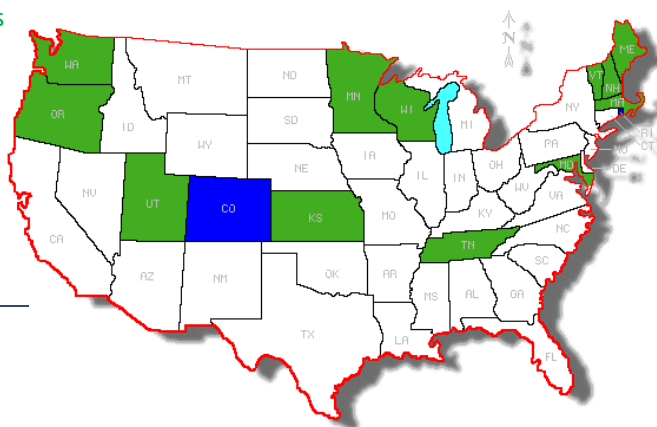
Source: Slide from APHRO Annual Conference, October 2009
Patrick Miller, MPH Research Associate Professor, University of New Hampshire (revised by JCHC staff).

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12 States Have Existing APCDs and 2 States Are in Implementation

Kansas
Maine
Maryland
Massachusetts
Minnesota
New Hampshire
Oregon
Tennessee
Utah
Vermont
Washington
Wisconsin

Colorado
Rhode Island



Sources: APCD Council email correspondence with JCHC staff & Oregon APCD website.

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APCDs Can Answer Many Types of Health Care Questions

Cost

Which hospitals, surgical centers or doctors have the lowest prices by procedure, or treatment?

What do health insurance companies pay for health care services?

Access

How far do people travel for services and for what type of services?

Medicaid

Is emergency room usage in Medicaid higher than the commercial population? What are the possible reasons?

Quality

▶ Which hospitals, surgical centers or doctors have the highest ratings for certain medical procedures?

▶ Are established clinical guideline measurements related to quality, safety, and continuity of care being met?

Public Health

▶ What are the key public health issues by city and county?

▶ In what geographic areas is public health improving?

Sources: Slide content from Alan Prysunka presentation to Virginia Health Reform Initiative Technology Task Force November 16, 2010 & Patrick M. DePise Love, Emily Sullivan, Jo Porter and Amy Costello, All-Payer Claims Databases: An Overview for Policymakers, 2010.

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APCD Primary Focus Varies Among States

	Cost	Quality	Efficiency	Geographic Differences	Episodes of Care	System Utilization
Kansas	■	■	■	■	■	■
Maine	■	■		■	■	■
Maryland	■		■	■		
Massachusetts	■					■
Minnesota	■	■		■	■	■
New Hampshire	■	■	■	■	■	■
Oregon	■					
Tennessee	■	■		■	■	■
Utah	■	■	■	■	■	■
Vermont	■	■		■	■	
Washington	■	■		■	■	■
Wisconsin	■	■	■		■	■

Other uses include: cost and quality benchmarking for Medicaid payment rates, measuring competition within the commercial health market, and potential risk adjustments.

Sources: APCD Council correspondence with CHC staff & Tennessee APCD website.

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Specific State Uses for APCDs

- Help employers understand variations in the cost and utilization of services by geographic area and in different provider settings (ME, NH)
- Explore value (cost and quality) for services provided (NH)
- Inform design and evaluation plans for payment reform models (NH, VT)
- Evaluate the effect of health reforms on the cost, quality, and access to care in a state (MD, VT)
- Compare utilization patterns across payers to inform state purchasing decisions for Medicaid (NH) and identify successful cost containment strategies (NH, VT)

Source: Patrick Miller, Denise Love, Emily Sullivan, Jo Porter and Amy Costello, All-Payer Claims Databases: An Overview for Policymakers, 2010.

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Important APCD Elements

- APCD Governance
- APCD Focus
- Data collection
 - Mandated submission?
 - Which payers submit data?
 - Does data include patient identifier information?
- Data release rules
- Public dissemination of data
- Funding

Many APCD permutations are possible

Sources: Denise Love, William Custer and Patrick Miller, All-Payer Claims Databases: State Initiatives to Improve Health Care Transparency, September 2010 & discussion with Michael Lundberg of VHI.

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