

2014 Annual Report and Strategic Plan Update

Big Data for Better Decisions

Michael T. Lundberg, Executive Director
September 16, 2014



FROM NUMBERS TO KNOWLEDGE

VHI Represents Virginia Health Care Stakeholders



- ▶ VHI is an independent, nonprofit, 501(c)(3) health information organization established in 1993
- ▶ Formed to implement Virginia Health Care Data Reporting Initiatives to benefit Virginians
- ▶ Contracts with both private and public sector for health information and analytical services



VHI's Mission

*To create and disseminate health care information
To promote informed decision making by Virginia consumers and purchasers, and
To enhance the quality of health care delivery.*

VHI Publishes a Variety of Health Information



HEALTH CARE PRICES

Compare the prices that insurance companies pay for 30 health care services like MRIs in doctors' offices, emergency departments, outpatient & inpatient settings. Learn about the service & choose wisely.

www.vhi.org/HealthCarePrices

OBSTETRICAL SERVICES

Having a baby? Learn about OB programs doctors' qualifications & compare them on rates of cesarean delivery, episiotomy, length of stay, hospital charges & location.

www.vhi.org/ob

OUTPATIENT PROCEDURES

Learn about the test or surgery, risks and benefits. Find facilities and learn which procedures are performed and what they charge.

www.vhi.org/outpatient

PATIENT SATISFACTION

See the latest consumer ratings of Virginia hospitals. Would they recommend this hospital? Compare hospitals on 10 measures covering comfort, communication and overall care.

www.vhi.org/satisfaction

CARDIAC CARE

1 in 8 hospital stays are for cardiac care. Compare hospitals on death & 30-day readmission rates. Learn about heart attack prevention & warning signs.

www.vhi.org/Cardiac

LONG-TERM CARE

The differences among nursing facilities, assisted living, home health & other care are described. Learn how to choose the care you need and compare prices. Includes links to helpful resources.

www.vhi.org/LTC_intro.asp

INDUSTRY REPORT

Employers & insurance companies use VHI's Industry Report rankings to choose hospitals and nursing facilities. Banks use it to make loans. You can find the most efficient providers with this report.

www.vhi.org/ir

HMOs

One million Virginians are in HMOs. They need pricing, quality and satisfaction information to choose the best HMO for their needs. Find it here.

www.vhi.org/hmo

VHI Focuses on Community Health Efforts with Information



Prevention Quality Indicator Composite - Chronic Conditions
 Reducing these admissions by 10% would save an estimated \$40,000,000 + annually

Risk-adjusted rate per 100,000 people

- Not enough data
- 0.00 - 629.77
- 635.97 - 835.79
- 876.11 - 1069.63
- 1090.29 - 1434.03
- 1438.59 - 4256.80



MONAHRQ
Explore Hospital Care in Virginia

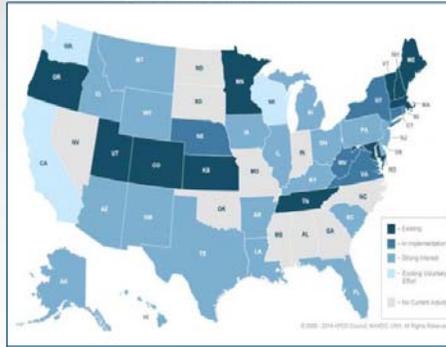
VHI's free, online tool allows everyone to learn more about hospital care in Virginia

APCD - All Payer Claims Database Growing State by State



Typically includes data from *medical and pharmacy claims with eligibility and provider files:*

- ▶ Used to analyze health system performance by state, region, health plan and provider
- ▶ Assess and address population health issues
- ▶ Monitor and focus public health efforts
- ▶ Public reporting of health care cost and quality



APCDs are increasing in numbers across the nation

JCHC recommended establishing a Virginia APCD in advance of 2012 GA

4

APCDs in Action - Wisconsin Health Information Organization (WHIO)



How WHIO used their APCD to Reduce Variation



WHIO uncovered wide variation in health spending on total knee replacements



Standardized costs ranging from \$55,000 to \$17,000

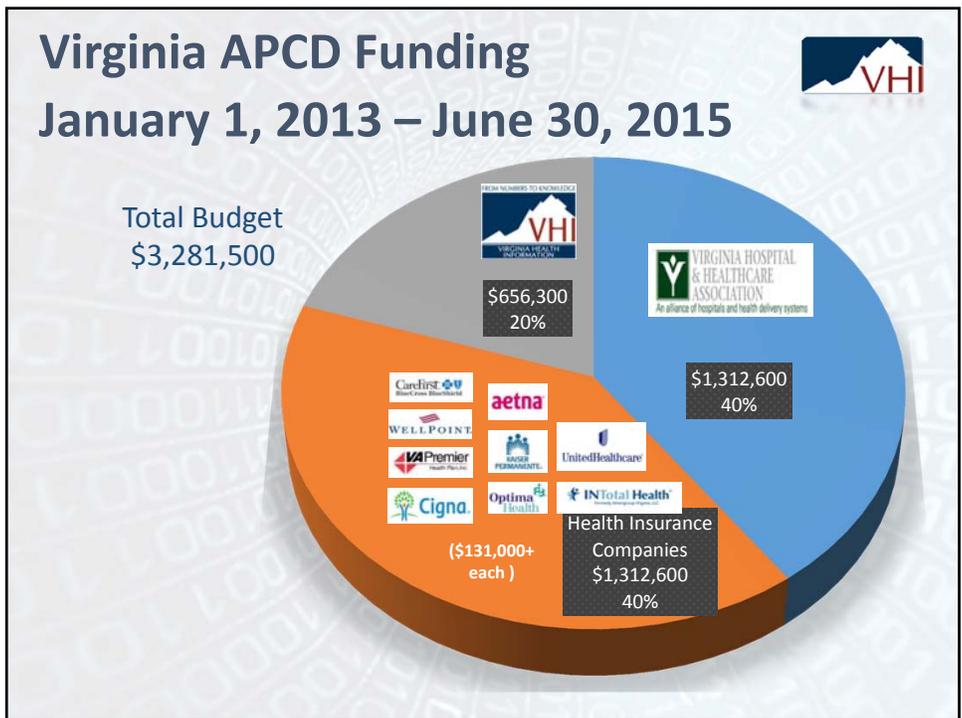
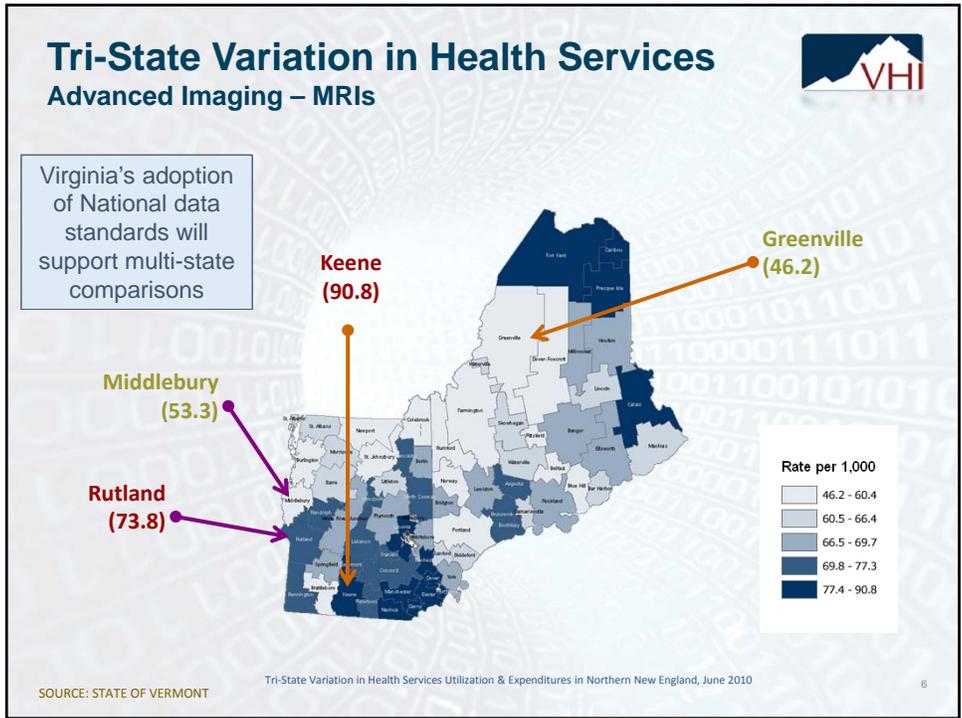


A single, or bundled, payment was negotiated between the payer and provider for all "relevant services"



Providers assume some risk should there be complications, errors or other problems, ensuring a quality component and not just to reduce costs

Extracted from Robert Wood Johnson Foundation's "Leaving Fee For Service Behind" http://www.rwjf.org/en/research-publications/find-rwjf-research/2014/05/leaving-fee-for-service-behind.html?cid=xsh_rwjf_em



Psychiatric Bed Registry: Released March 2014



Closing Remarks



FROM NUMBERS TO KNOWLEDGE