



UTAH DEPARTMENT OF  
**HEALTH**

## **What has Utah Health Data Committee Done This Year?**

Navina Forsythe  
Center for Health Data and Informatics Director

January 29, 2019

# MISSION & VISION



The Utah Department of Health's mission is to protect the public's health through preventing avoidable illness, injury, disability, and premature death; assuring access to affordable, quality health care; and promoting healthy lifestyles.

Our vision is for Utah to be a place where *all* people can enjoy the best health possible, where *all* can live and thrive in healthy and safe communities.



# STRATEGIC PRIORITIES



**Healthiest People** – The people of Utah will be among the healthiest in the country.

**Optimize Medicaid** – Utah Medicaid will be a respected innovator in employing health care delivery and payment reforms that improve the health of Medicaid members and keep expenditure growth at a sustainable level.

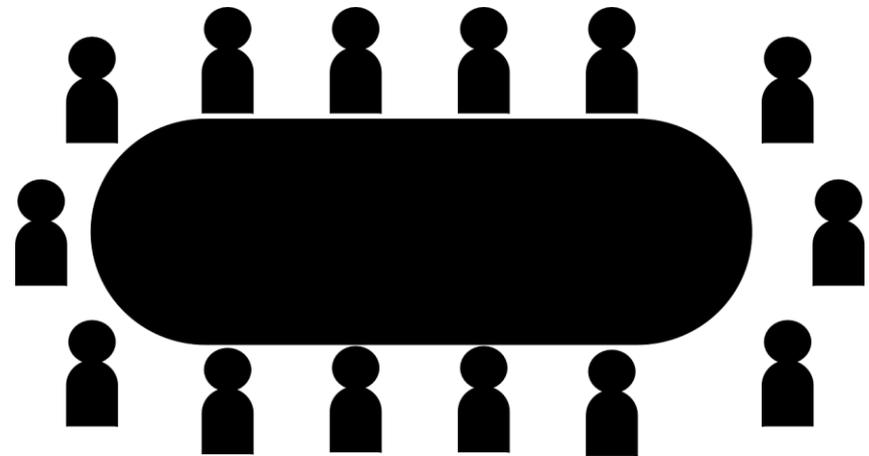
**A Great Organization** – The UDOH will be recognized as a leader in government and public health for its excellent performance. The organization will continue to grow its ability to attract, retain, and value the best professionals and public servants.

# Health Data Committee



The Utah Health Data Committee (HDC) is responsible for implementing the requirements of 26-33a, including collecting, analyzing and disseminating data on health care cost and quality.

- 15 members
- Five two-hour meetings 2018
- 82% attendance



# Subcommittees



- **Transparency Advisory Group** – monthly meetings to guide policy and planning on publication of price and quality data
- **Data Use Subcommittee** – One to two meetings a month to review requests for data release
- **Payer Task Force** – forum for claims data submitters to share ideas on improving submission process
- **Facilities Task Force** – forum for facilities that submit encounter data to share ideas about improving data submission

# Publications - HEDIS



- Healthcare Effectiveness Data and Information Set ([HEDIS](#)) [measures](#) - broad set of nationally accepted quality measures

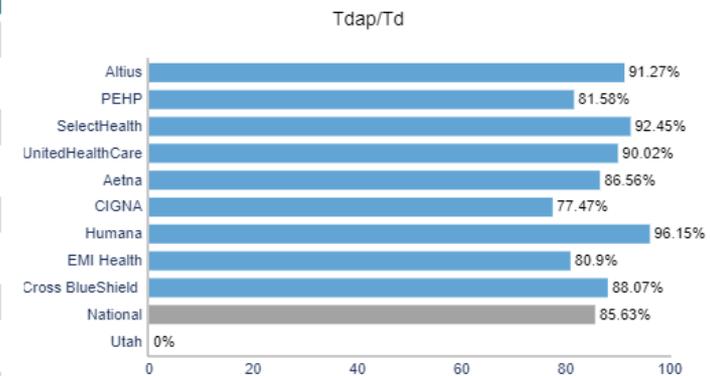
## 2018 - HEALTH PLAN MEASURE RESULTS

Commercial HMO Measures: [Adolescent Immunizations](#) | [Care for People with Diabetes](#) | [Child and Adolescent Well Care](#) | [Childhood Immunizations](#) | [Health Care for Adults](#) | [Use of Medications](#) | [Women's Health and Maternity Care](#) |

### IMMUNIZATIONS FOR ADOLESCENTS

*The percentage of adolescents 13 years of age who had one Tdap vaccine or one tetanus, diphtheria toxoids vaccine (Td) by their 13th birthday.*

Health Plan	Rate
Altius	91.27%
PEHP	81.58%
SelectHealth	92.45%
UnitedHealthCare	90.02%
Aetna	86.56%
CIGNA	77.47%
Humana	96.15%
EMI Health	80.90%
Regence BlueCross BlueShield	88.07%
<b>NATIONAL AVERAGE: 85.63%</b>	



# Publications - CAHPS



- Consumer Assessment of Healthcare Providers and Systems ([CAHPS](#)) measures - nationally standard survey about the customer experience with their health plan

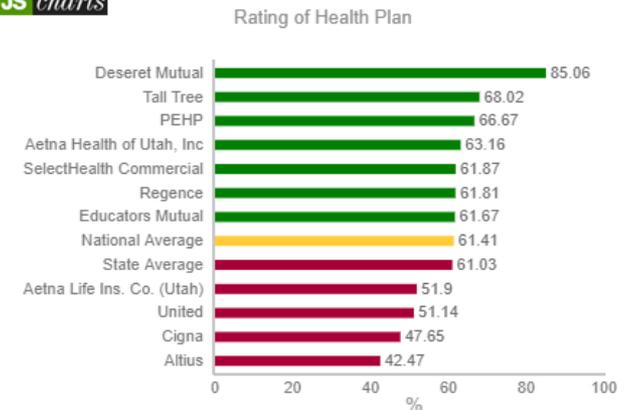
**Member Satisfaction Measures:** Members rate different characteristics of their experiences with their health plan on a scale of 0 ("worst rating possible") to 10 ("best rating possible").



**Member Quality and Access Measures:** Performance measures represent two to four questions asked in the survey. These questions are on a scale that includes "always", "sometimes", "usually", or "never"



JS charts



# Healthcare Facilities Data



- Includes information about every patient discharged from a Utah inpatient hospital, emergency room or ambulatory surgery center
- Mercer provides data collection and processing services
- In 2018 moved from annual to quarterly release with less than 90 day delay
- Improved compliance with submission guidelines
- Publishes annual summary of cost and utilization
- Makes extracts available
- [Consumer website](#)

Home

**Compare  
Hospitals**

Compare  
Nursing Homes

Find  
Doctors

Browse Health  
Topics

About  
This Site

# Healthcare Facilities Data



## Health Topics

### COPD-Chronic Obstructive Pulmonary Disease ⓘ

Hide Ratings ▾

Results of care ⓘ	Rating
Dying within 30-days after getting care in the hospital for chronic obstructive pulmonary disease (COPD) ⓘ	 <b>AVERAGE</b>
Returning to the hospital after getting care for chronic obstructive pulmonary disease (COPD) ⓘ	 <b>AVERAGE</b>

### Childbirth ⓘ

Hide Ratings ▾

Practice patterns ⓘ	Rating
Percentage of births (deliveries) that are C-sections ⓘ	 <b>BETTER THAN AVERAGE</b>
How often babies in the hospital are delivered vaginally when the mother previously delivered by cesarean section (no complications) ⓘ	 <b>BETTER THAN AVERAGE</b>
How often babies in the hospital are delivered using cesarean section when this is the mother's first birth. ⓘ	 <b>BETTER THAN AVERAGE</b>
How often babies are born vaginally when the mother has had a C-section in the past (includes complications) ⓘ	 <b>BETTER THAN AVERAGE</b>
Babies scheduled for delivery before 39 weeks when not medically necessary ⓘ	 <b>AVERAGE</b>

Results of care ⓘ	Rating
How often newborns babies have an injury or get an infection during delivery ⓘ	 <b>AVERAGE</b>
How often women who give birth vaginally with forceps or vacuum have a serious vaginal tear ⓘ	 <b>AVERAGE</b>

# All Payer Claims Data



- Includes insurance medical, pharmacy, and dental claims, enrollment, and health care provider data.
- New vendor, Milliman, and new tools
- In 2018 received permission to use Medicare data for comparative analysis
- Provide data to Health Insight for the [UtahHealthscape](#) tool
- Publications of cost comparisons
- Total cost of care efforts



Clinical Comparison  
Quality Measures Based  
on Utah All Payer Claims  
Data

Calculated for Utah clinics with  
five or more physicians.

Measures include: Avoidance of  
Antibiotic Treatment in Adults with  
Acute Bronchitis and Comprehensive  
Diabetes Care: Hemoglobin A1c  
(HbA1c) Testing

# All Payer Claims Data



## Adult Clinic Comparison Report: Cost and Resource Use

Commerically Insured Adults  
Reporting Period:  
1/1/2015 - 12/31/2015

### About your clinic:

#### 1. Risk Score



The Clinic Risk Score represents the morbidity burden of a subset of patients in your clinic. The HealthPartners NQF-endorsed TCoC measures use the Johns Hopkins Adjusted Clinical Groupers (ACG) System which reflects morbidity burden based on disease patterns, age and gender using diagnoses found in claims data.

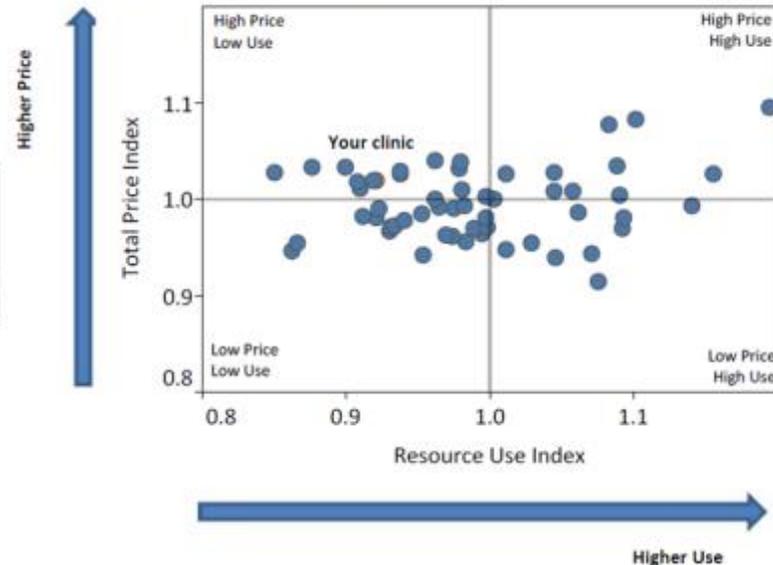
#### 2. Patient Demographics, Inpatient, and Emergency Room Use

	Your Clinic	Utah Average
Patient Panel	834.0	1,023.5
Average Age	39.8	41.5
% Male	48.1%	48.3%
% Female	51.9%	51.7%
Inpatient Admissions per 1,000	50.4	52.3
ER Visits per 1,000	298.6	160.8

#### 3. Total Cost, Resource Use, and Price Index by Service Category

Service Category	TCI =	RUI x	Price
Inpatient Facility	0.83	0.90	0.92
Outpatient Facility	1.16	1.07	1.08
Professional	0.90	0.92	0.97
Pharmacy	0.80	0.67	1.20
Overall	0.94	0.92	1.02

### Clinic Comparison: Overall Resource Use and Price by Clinic



This chart shows resource use and price for patients attributed to your clinic compared to other clinics in Utah. Clinics that are lower in resource use and price appear in the lower left quadrant.

Note: This work is based on the patented algorithm of HealthPartners, Inc. (Bloomington, MN) and is used with their permission. For medical group use only and may not be disclosed or reproduced for other purposes without written permission.

# All Payer Claims Data



## Adult Clinic Comparison Report: Cost and Resource Use

Commerically Insured Adults  
Reporting Period:  
1/1/2015 - 12/31/2015

### Overall Summary by Service Category

PMPM	Your Clinic Raw	Your Clinic Adjusted	Utah Average Adjusted
Inpatient Facility	\$53.92	\$56.05	\$67.91
Outpatient Facility	\$153.65	\$159.73	\$137.84
Professional	\$130.38	\$135.54	\$151.31
Pharmacy	\$78.05	\$90.35	\$113.47
Overall	\$416.00	\$441.67	\$470.53

#### Definitions:

**Raw per Member per Month (PMPM)** is the total allowed amount for all patients attributed to your clinic, divided by the member months. Annual per member costs are capped at \$100,000.

**Adjusted (Adj) PMPM** is the retrospective, risk-adjusted total allowed amount.

The **Utah Average** represents adjusted PMPM for all patients attributed to clinics receiving these reports.

**Total Cost Index (TCI)** is a risk-adjusted measure of the overall cost effectiveness of managing patient health relative to the Utah average. It reflects the frequency and intensity, and the price of services provided.

**Resource Use Index (RUI)** is a risk-adjusted measure of the frequency and intensity of the services used to manage a patient's health relative to the Utah average. RUIs are calculated based on standard weights for each service in a service category.

**Price Index** is a risk-adjusted measure of the price component of managing patient health relative to the Utah average. It is affected by fee schedules, referral patterns and place of service. The Price Index is the TCI divided by the RUI.

### Comparison to Utah Average



Reference line is Utah Average (1.00)

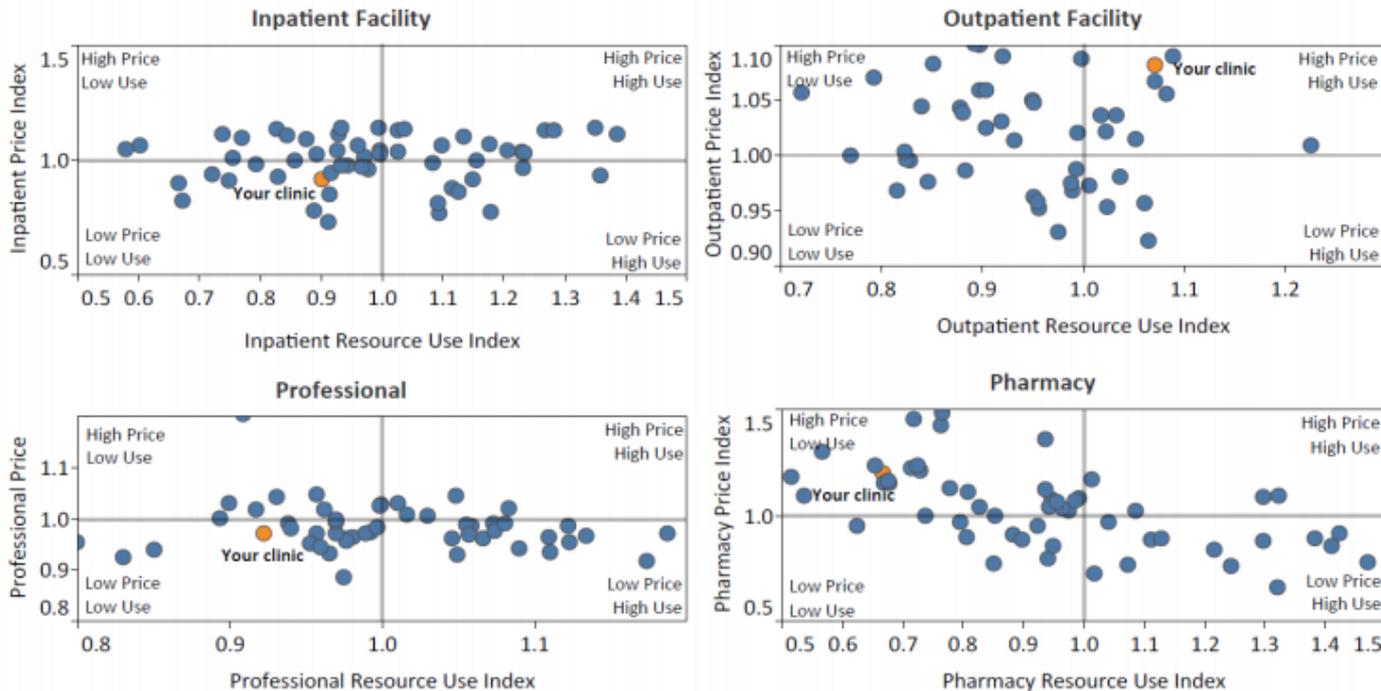
# All Payer Claims Data



## Adult Clinic Comparison Report: Cost and Resource Use

Commerically Insured Adults  
Reporting Period:  
1/1/2015 - 12/31/2015

### Clinic Comparison: Resource Use and Price by Service Category



Note that axes have been scaled for optimal visual differentiation of clinics  
See Clinic Report page 5 for supporting information

# Other Uses



- Research – Multiple requests for medical and genetic research
- Planning – Requests from health care providers and systems to plan for future resource needs
- Performance review – Medicaid uses to review performance of contracted managed care organizations and compare their outcomes to commercial plans