



Using Uniform Data System (UDS) Data and Reports for Program Evaluation and Quality Improvement Webinar

October 2, 2018, 1:00–2:30 p.m. (ET)

Priscilla Davis, MHA
Training/Technical Assistance Coordinator

Bureau of Primary Health Care (BPHC)
Health Resources and Services Administration (HRSA)



Opening Remarks

Alek Sripipatana, PhD, MPH

Director, Data and Evaluation Division

Office of Quality Improvement

Bureau of Primary Health Care

Health Resources and Services Administration

US Department of Health and Human Services



Agenda

- Describe the availability of UDS data and standard reports
- Interpreting UDS reports
- Using UDS data as a quality improvement tool
- Illustrating how the Association of Asian Pacific Community Health Organizations (AAPCHO) uses UDS data to support its organization
- Accessing UDS resources
- Questions



Webinar Objectives

- **By the end of the webinar, you will:**
 - Know how to access standard UDS reports
 - Be able to interpret data elements on standard UDS reports
 - Understand how the data are used by the HRSA to support the Health Center Program
 - Understand how UDS data can be used for program evaluation and quality improvement efforts





Availability and Interpretation of UDS Data and Standard Reports

Availability of UDS Data and Standard Reports

UDS Report	Timing	Available To	Level Available	Source
Finalized Health Center Tables and eXtensible Markup Language (XML) Data Files	June	HC, PCAs, NCAs	Awardee: HC Look-Alike: HC	Electronic Handbooks (EHBs)
UDS Health Center Trend Report	August	HC	Awardee: HC, S, N Look-Alike: HC, N	EHBs
UDS Summary Report	August	HC	Awardee: HC, S, N Look-Alike: HC, N	EHBs
UDS State and National Rollup Reports	August	HC, Public	Awardee: S, N Look-Alike: N	EHBs, HRSA website
Grantee and Look-Alike Profiles	August	Public	Awardee: HC, S, N Look-Alike: HC, N	HRSA website
Grantee Comparison Data Views	August	Public	Awardee: HC, S, N Look-Alike: HC, N	HRSA website
Service Area Data	August	Public	Awardee: HC, S, N Look-Alike: HC, N	UDS Mapper website
UDS Health Center Performance Comparison Report	August	HC	Includes all levels	EHBs

Key	
HC	Health Center
S	State
N	Nation
PCA	Primary Care Association
NCA	National Cooperative Agreement

HRSA Website: <https://bphc.hrsa.gov/datareporting/index.html>

UDS Mapper Website: <http://www.udsmapper.org/>





Finalized Health Center Tables and XML Data Files

Health Center Tables

- **One calendar year of health center data for each of the 12 UDS tables and two forms**
 - Patient demographics, staffing, services provided, clinical processes and outcomes, patients' use of services, costs, and revenues
 - Health information technology (HIT) capabilities and other data elements
- **UDS tables are used to:**
 - Evaluate health center performance for one calendar year to identify accomplishments and opportunities for quality improvement
 - Document the operation and performance of health centers
 - Calculate metrics relevant to each health center

Available from EHBs in June



XML Data

- **XML data file:** A data extract file of finalized calendar year data that can be imported into external programs (e.g., Excel) for customized review of data
- **The XML data are:**
 - Used to aggregate your data with that of other health centers to provide state and national snapshots
 - Available to PCAs and NCAs (upon request), and to health centers, to analyze data for communities and states

Available from EHBs in June





UDS Summary Report



UDS Summary Report

- **Provides a calendar year summary and analysis of health centers' UDS data using measures calculated across UDS tables**
- **Includes comparisons**
 - Health center raw values and averages
 - Health centers compared to the state and nation
- **Uses six categories of data**
 - Patients, visits, staffing, quality-of-care indicators/health outcomes, costs, and revenue/adjustments

Available from EHBs in August



UDS Summary Report: Value

- **The Summary Report data are:**
 - Inclusive of data from each of the 12 UDS tables
 - Used to compare health centers' data with national and state averages
 - Inclusive of both raw data and percentages
 - ✓ Percentages - Often more useful than raw numbers when comparing the health center to the state or the nation

UDS Summary Report - Health Center/State/National – 2017							
	Health Center		State		National		
PATIENTS							
Total Patients	27,621		4,683,757		27,174,372		
Number/Percent of Patients by Services							
Medical	25,867	93.65%	3,964,835	84.65%	22,866,468	84.15%	
Dental	3,254	11.78%	1,107,330	23.64%	6,116,732	22.51%	



UDS Summary Report: Snapshot

UDS Summary Report - Health Center/State/National - 2017

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Dental	3,254	11.78%	1,107,330	23.64%	6,116,732	22.51%
Mental Health	2,823	10.22%	280,450	5.99%	2,049,194	7.54%
Substance Abuse	-	-	25,169	0.54%	168,508	0.62%
Other Professional	-	-	166,298	3.55%	709,623	2.61%
Vision	1,421	5.14%	196,487	4.20%	670,973	2.47%
Enabling Services	2,051	7.43%	561,963	12.00%	2,549,897	9.38%
Number/Percent of Patients by Special Populations						
Agricultural Worker	0	0.00%	477,631	10.20%	972,251	3.58%
Homeless	85	0.31%	323,736	6.91%	1,361,675	5.01%
School Based Health	2,005	7.26%	126,208	2.69%	802,630	2.95%
Public Housing	0	0.00%	226,589	4.84%	3,466,074	12.75%
Veteran	108	0.39%	33,522	0.72%	355,648	1.31%
Number/Percent of Patients by Age						
Children (< 18 years)	10,932	39.58%	1,525,795	32.58%	8,395,134	30.89%
Adult (18-64 years)	14,637	52.99%	2,816,450	60.13%	16,416,970	60.41%
Older Adult (Age 65 and Over)	2,052	7.43%	341,512	7.29%	2,362,268	8.69%



UDS Summary Report: Snapshot (cont'd.)

UDS Summary Report - Health Center/State/National - 2017							
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PATIENTS							
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UDS Health Center Trend Report



UDS Health Center Trend Report

- **Compares the health center's performance for key measures in three categories over a three-year period**
 - Access
 - Quality of care/health outcomes
 - Financial cost/viability
- **Provides data to compare across health centers, the state, and the nation**

Available from EHBs in August



UDS Health Center Trend Report: Snapshot

Measures	2015	2016	2017	2016 -2017		2015 -2017	
				Change	%	Change	%
Access							
Total Number of Patients Served	25,119	25,975	27,621	1,646	6.34%	2,502	9.96%
Medical Patients Served	24,458	24,834	25,867	1,033	4.16%	1,409	5.76%
Dental Patients Served	99	1,954	3,254	1,300	66.53%	3,155	3186.87%
Total Visits	101,046	104,811	116,728	11,917	11.37%	15,682	15.52%
Agricultural Worker Patients Served	0	0	0	0	-	0	-
Homeless Patients Served	125	127	85	-42	-33.07%	-40	-32.00%
Public Housing Patients Served	0	0	0	0	-	0	-
Quality of Care Indicators/Health Outcomes							
Perinatal Health							
Access to Prenatal Care (first prenatal visit in 1st trimester)	71.86%	68.28%	75.22%	6.93%	10.15%	3.35%	4.67%
Low Birth Weight (Live birth < 2500 grams)	5.71%	5.22%	8.59%	3.37%	64.46%	2.88%	50.34%
Preventive Health Screenings and Services							
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	84.26%	92.18%	91.39%	-0.79%	-0.86%	7.13%	8.47%
Body Mass Index (BMI) Screening and Follow-Up Plan	53.69%	63.25%	68.29%	5.03%	7.96%	14.60%	27.20%
Tobacco Use Screening and Cessation Intervention ¹	92.68%	84.97%	87.08%	2.11%	2.49%	-	-

Footnote: Effective with calendar year 2016 reporting, clinical quality measures (CQMs) were changed to align with the Centers for Medicare and Medicaid Services' electronic specified clinical quality measures (eCQMs). Therefore, caution should be used for trends between 2015 and 2017 UDS CQMs. Health centers are encouraged to review the year-over-year differences before using for comparisons.

UDS Health Center Trend Report: Snapshot (cont'd.)

Measures	2015	2016	2017	2016-2017		2015-2017	
				Change	%	Change	%
Quality of Care Indicators/Health Outcomes							
Preventive Health Screenings and Services							
Colorectal Cancer Screening ²	39.61%	40.36%	40.16%	-0.20%	-0.49%	-	-
Screening for Depression and Follow-up Plan ³	70.17%	63.58%	75.62%	12.04%	18.93%	-	-
Cervical Cancer Screening ^{4,5}	66.98%	63.26%	60.96%	-2.30%	-3.64%	-	-
Childhood Immunization Status ⁶	84.83%	52.14%	51.18%	-0.96%	-1.84%	-	-
Dental Sealants for Children between 6-9 Years ⁷	22.22%	69.47%	71.21%	1.75%	2.51%	48.99%	220.45%
Chronic Disease Management							
Use of Appropriate Medications for Asthma ⁸	83.66%	95.91%	94.89%	-1.02%	-1.06%	-	-
Coronary Artery Disease (CAD): Lipid Therapy	80.15%	71.23%	82.56%	11.33%	15.90%	2.41%	3.00%
Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet	87.60%	92.80%	85.88%	-6.92%	-7.46%	-1.72%	-1.97%
HIV Linkage to Care	100%	100%	100%	0.00%	0.00%	0.00%	0.00%
Controlling High Blood Pressure (Hypertensive Patients with Blood Pressure < 140/90) ⁹	66.68%	64.02%	67.57%	3.54%	5.54%	-	-
Diabetes: Hemoglobin A1c Poor Control (Diabetic Patients with HbA1c > 9%) or No Test During Year ¹⁰	23.66%	27.78%	29.48%	1.70%	6.12%	-	-

Footnote: Effective with calendar year 2016 reporting, clinical quality measures (CQMs) were changed to align with the Centers for Medicare and Medicaid Services' electronic specified clinical quality measures (eCQMs). There, caution should be used for trends between 2015 and 2017 UDS CQMs. Health centers are encouraged to review the year-over-year differences before using for comparisons.

UDS Health Center Trend Report: Financial Measures

Measures	2015	2016	2017	2016 -2017		2015 -2017	
				Change	%	Change	%
Financial Cost/Viability							
Total Cost per Total Patient	\$659.71	\$751.56	\$797.36	\$45.80	6.09%	\$137.64	20.86%
Medical Cost per Medical Visit	\$131.99	\$153.63	\$152.94	(\$0.69)	-0.45%	\$20.96	15.88%
330 Grant Funds per Patient ¹¹	\$64.12	\$83.09	\$81.27	(\$1.82)	-2.19%	\$17.15	26.74%

11. The values reported for 330 Grant Funds per Patient measure are based on calculations before donations.



UDS Health Center Trend Report: Value

- **The Trend Report's key performance measures are:**
 - Used by HRSA and health centers to monitor program performance and identify opportunities for quality improvement
 - Reported by health centers in grant applications
 - Provided in trend format (across three years) to support monitoring performance over time
 - Evaluated against state and national benchmarks
 - ✓ Compare health center changes to changes seen at the state and national levels





UDS Health Center Performance Comparison Report



UDS Health Center Performance Comparison Report

- Provides a calendar-year summary and analysis of health centers' UDS data and performance
- Provides two sets of data
 - Quality of care indicators/health outcomes
 - Cost of care indicators
- Presents several levels of comparisons
 - Healthy People 2020 goals (where available)
 - Averages for various comparison groups
 - Percentiles for financial data
 - Adjusted quartile ranking per clinical measure

Available from EHBs in August



UDS Health Center Performance Comparison Report:

Value of Report

- **The performance measures:**
 - Report quality of care/health outcome and cost measures
 - Are used to compare against national benchmarks and performance of health center peers
 - Show health centers' HRSA-generated adjusted quartile rankings for clinical measures
 - ✓ Used for Quality Improvement Awards (QIA)
 - Include national percentile references for cost data



UDS Health Center Performance Comparison Report:

Quality of Care Indicators/Health Outcomes

Measures	Health Center	Healthy People 2020 Goals ⁴	Averages							Health Center Adjusted Quartile ⁵
			State	National	Rural	Size	Sites ¹	Special population Agricultural Workers ²	Special population Homeless ³	
						10,000-19,999	6-10	Below 25%	Below 25%	
			n = 177	n = 1373	n = 765	n = 307	n = 358	n = 1336	n = 1281	
QUALITY OF CARE INDICATORS/HEALTH OUTCOMES*										
Early Entry into Prenatal Care										
Access to Prenatal Care (first prenatal visit in 1st trimester)	75.22%	77.90%	78.03%	73.97%	73.24%	73.22%	72.95%	73.51%	73.98%	3
Low Birth Weight (live births < 2500 grams)	8.59%	7.80%	6.57%	8.03%	8.18%	8.34%	8.46%	8.16%	8.02%	3
Preventive Health Screenings and Services										
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	91.39%	-	67.10%	65.85%	67.90%	65.95%	65.89%	65.38%	65.88%	1
Body Mass Index (BMI) Screening and Follow-Up Plan*	68.29%	-	65.16%	63.85%	63.47%	65.64%	64.68%	63.54%	63.97%	2
Tobacco Use Screening and Cessation Intervention	87.08%	-	88.85%	87.50%	87.68%	87.55%	86.54%	87.34%	87.61%	3
Colorectal Cancer Screening*	40.16%	70.50%	44.91%	42.02%	41.81%	42.62%	42.49%	41.81%	42.36%	3
Screening for Depression and Follow-Up Plan*	75.62%	-	63.81%	66.15%	66.77%	64.60%	65.88%	65.76%	66.34%	2
Cervical Cancer Screening*	60.96%	93.00%	59.23%	55.67%	57.44%	55.93%	54.47%	55.49%	55.97%	2
Childhood Immunization Status*	51.18%	80.00%	43.03%	40.24%	41.83%	38.11%	38.83%	39.93%	40.20%	2
Dental Sealants for Children between 6-9 Years	71.21%	28.10%	54.53%	50.71%	51.07%	47.00%	49.92%	50.11%	50.58%	1

UDS Health Center Performance Comparison Report:

Cost per Patient

Measures	Averages								National Percentiles		
	Health Center	State	National	Rural	Size	Sites ¹	Special population Agricultural Workers ²	Special population Homeless ³			
					10,000-19,999	6-10	Below 25%	Below 25%			
					n = 177	n = 1373	n = 765	n = 307			
COSTS											
Cost Per Patient											
Total Cost per Total Patient	\$797.36	\$1,128.99	\$941.97	\$977.74	\$894.18	\$874.78	\$943.13	\$929.11	\$676.52	\$855.88	\$1,130.63
Medical Cost per Medical Patient	\$514.38	\$749.37	\$601.51	\$614.26	\$574.36	\$561.94	\$599.99	\$595.64	\$479.67	\$587.00	\$732.44
Dental Cost per Dental Patient	\$368.77	\$584.39	\$513.03	\$498.31	\$482.57	\$507.54	\$510.26	\$511.62	\$393.93	\$512.22	\$689.16
Mental Health Cost per Mental Health Patient	\$1,028.99	\$1,099.10	\$823.66	\$829.31	\$853.53	\$725.68	\$829.31	\$815.43	\$423.16	\$723.78	\$1,166.74
Substance Abuse Cost per Substance Abuse Patient	-	\$1,153.70	\$1,165.88	\$1,228.25	\$1,126.68	\$1,031.61	\$1,173.24	\$1,126.00	\$439.24	\$999.25	\$2,024.09
Vision Cost per Vision Patient	\$118.86	\$219.21	\$223.07	\$214.87	\$220.87	\$233.38	\$220.05	\$222.95	\$110.60	\$188.34	\$285.15
Enabling Services Cost per Enabling Patient	\$959.81	\$682.33	\$731.20	\$790.79	\$641.55	\$623.62	\$755.93	\$731.48	\$407.34	\$973.69	\$2,398.99

Calculating Averages

- Average:** The value obtained by dividing the sum of the values in a set by the number of quantities in the set

Measures	Health Center	Healthy People 2020 Goals ⁴	Averages							Health Center Adjusted Quartile ⁵
			State	National	Rural	Size	Sites ¹	Special population Agricultural Workers ²	Special population Homeless ³	
						10,000-19,999	6-10	Below 25%	Below 25%	
			n = 177	n = 1373	n = 765	n = 307	n = 358	n = 1336	n = 1281	
QUALITY OF CARE INDICATORS/HEALTH OUTCOMES*										
Early Entry into Prenatal Care										
Access to Prenatal Care (first prenatal visit in 1st trimester)	75.22%	77.90%	78.03%	73.97%	73.24%	73.22%	72.95%	73.51%	73.98%	3
Low Birth Weight (live births < 2500 grams)	8.59%	7.80%	6.57%	8.03%	8.18%	8.34%	8.46%	8.16%	8.02%	3
Sum of women entering prenatal care during first trimester (national)			Total women in prenatal care (national)			National average of women with first prenatal visit in first trimester				
423,872			573,026			73.97%				



Percentiles

Health center value: The health center's value for the targeted measure

25th percentile: 25% of health centers had a lower value; 75% had a higher value

Median (50th percentile): Value that divides health centers in half for the targeted measure—half had a lower value, half had a higher value

75th percentile: 75% of health centers had a lower value; 25% had a higher value

Note: Percentiles are only calculated for health centers reporting the variable being measured.



Calculating Percentiles

Percentile: The value equal to or below a particular number which a percentage of observations fall

Measures	Health Center	Averages							National Percentiles		
		State	National	Rural	Size	Sites ¹	Special population Agricultural Workers ²	Special population Homeless ³			
					10,000-19,999	6-10	Below 25%	Below 25%			
		n = 177	n = 1373	n = 765	n = 307	n = 358	n = 1336	n = 1281			

COSTS

Cost per Visit											
Total Cost per Total Visit	\$188.68	\$242.95	\$231.82	\$236.76	\$222.65	\$228.22	\$232.96	\$230.93	\$190.37	\$229.20	\$279.42
Medical Cost per Medical Visit	\$152.94	\$210.58	\$192.34	\$197.52	\$185.98	\$186.63	\$192.33	\$190.36	\$163.12	\$193.40	\$238.39
Dental Cost per Dental Visit	\$140.30	\$195.88	\$200.31	\$194.95	\$189.70	\$203.26	\$200.65	\$199.80	\$169.87	\$213.49	\$271.46
Mental Health Cost per Mental Health Visit	\$201.33	\$224.09	\$170.89	\$172.02	\$169.60	\$171.25	\$170.64	\$170.64	\$125.57	\$173.10	\$243.55
Substance Abuse Cost per Substance Abuse Visit	-	\$147.48	\$160.03	\$158.30	\$151.99	\$167.81	\$159.45	\$161.32	\$95.69	\$173.04	\$318.69
Vision Cost per Vision Visit	\$88.85	\$169.86	\$168.43	\$162.13	\$164.50	\$182.71	\$165.16	\$168.62	\$93.92	\$153.58	\$224.96
Enabling Services Cost per Enabling Visit	\$481.55	\$269.69	\$294.58	\$302.41	\$252.18	\$264.36	\$304.18	\$301.01	\$184.69	\$418.71	\$959.40

Adjusted Quartiles

- **Adjusted quartiles:** Ranking a health center's clinical quality measures compared to other health centers
- **Differences in health center characteristics**
 - Percent of uninsured patients
 - Percent of minority patients
 - Percent of patients experiencing homelessness
 - Percent of agricultural worker patients
 - Electronic health record (EHR) status
- **Quartile rankings:** 1 (highest 25 percent) to 4 (lowest 25 percent)

For more information on adjusted quartile, go to:

<https://bphc.hrsa.gov/datareporting/reporting/ranking.html>

For more information on QIA go to:

<https://bphc.hrsa.gov/programopportunities/fundingopportunities/quality/index.html>





UDS Rollup Report

UDS Rollup Report

- **Structured similarly to the UDS tables**
- **All data elements reported on each of the UDS tables and forms are used**
 - Patient profile
 - Staffing full-time equivalent (FTE), staff tenure, and utilization
 - Clinical profile
 - Financial profile
 - HIT and Other Data Elements forms
- **Compiles and aggregates annual data:** Reported by health centers at national, state, and grant (Health Care for the Homeless, Migrant Health Center, Public Housing Primary Care) levels
- **Calculates averages (for some tables)**

Available in EHBs and on HRSA website in August



UDS Rollup Report Value

- **Rollup Report summary data are:**
 - Comparable with health center's own data to place data in context
 - Informative to those interested in calculating additional variables that may not be provided in standard reports
 - Reported to Congress to meet legislative and regulatory requirements
 - Evaluated by HRSA, health centers, researchers, and others to get a one-year snapshot of Health Center Program performance



UDS Rollup Report Snapshot–Table 4

State - Universal - 177 Health Centers

Income as Percent of Poverty Guideline		Number of Patients (a)		% of Total	% of Known
1	100% and Below		2,768,847	59.12%	72.85%
2	101 - 150%		625,536	13.36%	16.46%
3	151 - 200%		212,492	4.54%	5.59%
4	Over 200%		193,808	4.14%	5.10%
5	Unknown		883,074	18.85%	
6	Total (Sum lines 1-5)		4,683,757	100.00%	
Principal	Third Party Medical Insurance Source	Ages 0 - 17 (a)	Ages 18+ (b)	Total	%
7	None/Uninsured	126,453	790,141	916,594	19.57
8a.	Regular Medicaid (Title XIX)	1,311,842	1,757,941	3,069,783	65.54%
8b.	CHIP Medicaid	10,675	754	11429	0.24%
8	Total Medicaid (Sum lines 8a+8b)	1,322,517	1,758,695	3,081,212	65.79%
9a.	Dually eligible (Medicare and Medicaid)	645	182,481	183,126	3.91%
9	Medicare (Inclusive of dually eligible (line 9a) and other Title XVIII beneficiaries)	1,186	293,931	295,117	6.30%
10a.	Other Public Insurance Non-CHIP	2,939	18,739	21,678	0.46%
10b.	Other Public Insurance CHIP	3,239	483	3,722	0.08%
10	Total Public Insurance (Sum lines 10a+10b)	6,178	19,222	25,400	0.54%
11	Private Insurance	69,461	295,973	365,434	7.80%
12	Total (Sum Lines 7+8+9+10+11)	1,525,795	3,157,962	4,683,757	100.00%

Rollups are in UDS table format with additional information added to the table.

UDS Rollup Report Additional Calculations

State - Universal - 177 Health Centers

S.No	Diagnostic Category	Applicable ICD - 10 - CM Code	Number of Visits by Diagnosis Regardless of Primacy (a)	Number of Patients with Diagnosis (b)	Visits per Patient
Selected Infectious and Parasitic Diseases					
1-2	Symptomatic / Asymptomatic HIV	B20, B97.35, O98.7, Z21	97,031	26,201	3.70
3	Tuberculosis	A15- thru A19-	4,166	2,190	1.90
4	Sexually transmitted infections	A50- through A64- (exclude A63.0), M02.3-	76,147	53,843	1.41
4a	Hepatitis B	B16.0-B16.2, B16.9, B17.0, B18.0, B18.1, B19.10, B19.11, Z22.51	26,107	11,783	2.22
4b	Hepatitis C	B17.10, B17.11, B18.2, B19.20, B19.21, Z22.52	84,615	32,554	2.60
Selected Diseases of the Respiratory System					
5	Asthma	J45-	372,602	198,127	1.88
6	Chronic obstructive pulmonary diseases	J40- thru J44- and J47-	185,566	97,388	1.91
Selected Other Medical Conditions					
7	Abnormal breast findings, female	C50.01-, C50.11-,C50.21-, C50.31-,C50.41-, C50.51-,C50.61-, C50.81-,C50.91-, C79.81,D05-, D48.6-, R92-	70,565	44,715	1.58
8	Abnormal cervical findings	C53-, C79.82, D06-, R87.61-, R87.810,R87.820	70,142	37,682	1.86
9	Diabetes mellitus	E08- through E13-, O24-(exclude O24.41-)	1,652,847	431,753	3.83





HRSA Website Reports: Health Center Program Grantee and Look-Alike Profiles

Health Center Program Grantee and Look-Alike Profiles

- **Profiles each health center's performance**
 - Three years of data trends
 - Service area maps
 - Clinical and quality care award recognitions (i.e., PCMH and Million Hearts)
 - Program requirements (non-compliance conditions)
- **Shows three years of data for selected categories**
 - Age and race/ethnicity
 - Patient characteristics
 - Services
 - Clinical
 - Cost

Available from HRSA website in August



Health Center Program Grantee and Look-Alike Profiles: Value

Profile data are used by HRSA, health centers, and researchers to help them understand changes across years for selected UDS data.

2017 Health Center Profile

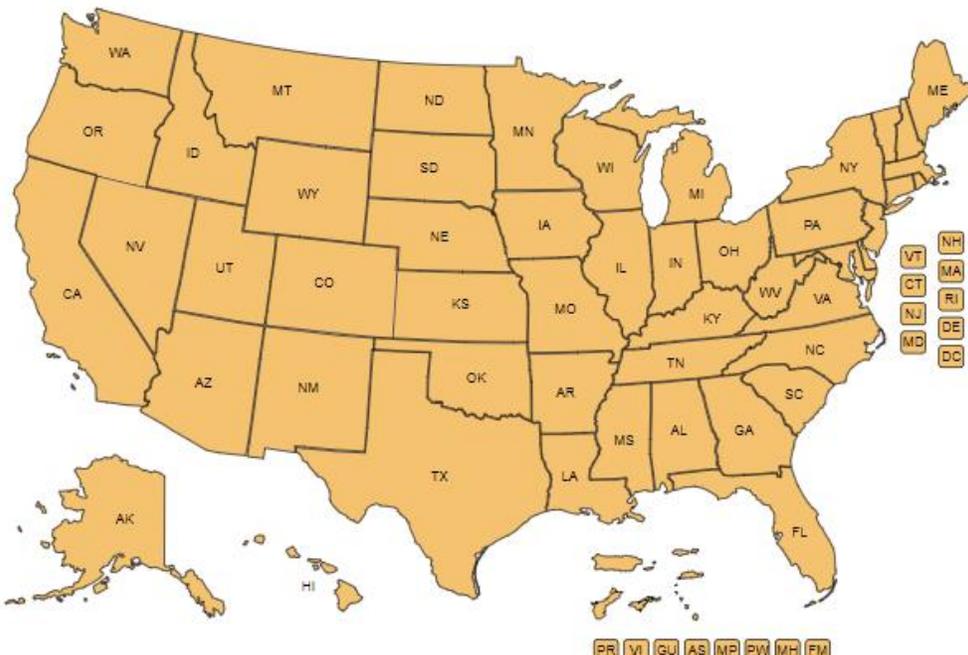
Health Center Program Grantee Profiles

Health Center Program Grantee Data

Each year HRSA-funded Health Center Grantees are required to report core set of information, including data on patient demographics, services provided, clinical indicators, utilization rates, costs, and revenues. [View the most recent national data](#), and [browse previous years' data](#).

Click on state or use the dropdown menu to see state data.

Select a state



2017 National Health Center Data

Total Number of Reporting Program Grantees: 1,373

Total Patients Served: 27,174,372



2.62%



29.93%



37.14%



25.78%



5.03%



35.18%



75.62%



17.48%

Health Center Program Grantee and Look-Alike Profiles: Snapshot

[Service Area Map](#)

Total Patients Served: 137,937



UDS Data Comparisons

Expand the tables below to view UDS data comparisons from 2015 to 2017

- Age and Race/Ethnicity
- Patient Characteristics
- Services
- Clinical Data
- Cost Data
- Program Requirements

Footnotes

Related

[View all California Program Grantees](#)

[View National and State Program Grantee Data](#)

Special Populations

- [Health Care for the Homeless](#)
- [Migrant Health Centers](#)
- [Public Housing Primary Care](#)

Data Tools

- [Data Warehouse](#)
- [Data Snapshot](#)
- Data Comparisons





Grantee Comparison Data Views

Grantee Comparison Data Views

- Compares one year of selected aggregated UDS data
 - Between states
 - Between a state and the nation
- Uses select patient categories of data
 - Patients served
 - Services provided
 - Target populations
 - Racial and/or ethnic minority
 - Patients served in another language
 - Patients at or below 200% Federal Poverty Guideline
 - Uninsured and Medicaid coverage

The screenshot shows the HRSA Health Center Program Grantee Comparison Data Views webpage. The page has a navigation bar with tabs for Program Requirements, Quality Improvement, Program Opportunities, Health Center Data (selected), Federal Tort Claims Act, and About Health Centers. The main heading is "Data Comparisons". Below the heading, there is a paragraph explaining that center data is collected and published at the national, state, and grantee level, and that users can perform basic data comparisons with national and state data to understand trends. Below this, there are several dropdown menus for selecting a year, a state/territory, and a comparison target (National). At the bottom, there are three columns of links: "Health Center Data" (National, State and Health Center profiles for; Health Center Program Grantee Data; Health Center Program Look-Alike Data), "Special Populations" (Health Care for the Homeless; Migrant Health Centers; Public Housing Primary Care), and "Data Tools" (Data Warehouse; Data Snapshot; Data Comparisons; UDS Resources).

<https://bphc.hrsa.gov/uds/datacomparisons.aspx>



Available from HRSA website in August

Grantee Comparisons Data Views: Value

The data comparisons are provided to:

- Perform basic comparisons with national and state data
- Better understand trends between one state compared to:
 - ✓ National averages
 - ✓ Another state



The screenshot shows the HRSA Health Center Program Data Comparisons interface. At the top, there is a navigation bar with three tabs: "Program Requirements", "Quality Improvement", and "Program Opportunities". Below the navigation bar, the main heading is "Data Comparisons". The text below the heading explains that health center data is collected and published at the national, state, and territory levels to understand trends. It lists two comparison options: "State to National" and "State to State". The form includes a "Year" dropdown menu set to "2017", a "State and Territory" dropdown menu set to "Texas", and a "Compare to" dropdown menu set to "California". A "Submit" button is located at the bottom of the form.

Grantee Comparison Data Views: Snapshot

2017 Program Grantee Comparison Data

Data comparison type: State to State

Total number of reporting grantees (Texas): 73

Total number of reporting grantees (California): 177

Reporting period: 2017

Report Source: Uniform Data System Report

	Texas	California
Total Number of Patients Served	1,414,082	4,683,757
Medical Services	1,261,940	3,964,835
Dental Services	227,389	1,107,330
Mental Health Services	86,813	280,450
Substance Abuse Services	4,446	25,169
Other Professional Services	25,519	166,298
Enabling Services	142,266	561,963
Target Populations		
% Pediatric <12 Years Old	23.40%	22.97%
% Geriatric (Age 65 and Over)	7.53%	7.29%
% Women's Health (Age 15-44)	27.14%	25.64%
Other Patient Characteristics		
Racial and/or Ethnic Minority	76.28%	78.68%
% Best Served in Another Language	33.22%	36.32%
% <= 200% Poverty (% of Known)	91.88%	94.90%
% Uninsured	40.89%	19.57%
% with Medicaid Coverage	28.13%	65.79%





Service Area Data

Service Area Data—UDS Mapper

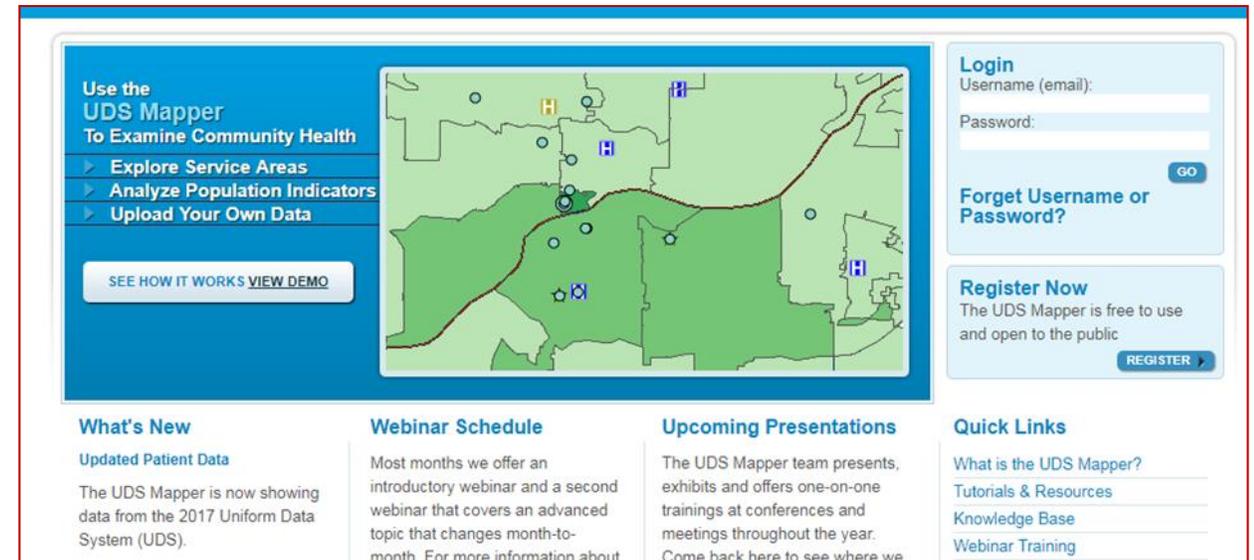
- Informs users about the current geographic service areas of awardees and look-alikes
- Shows:
 - Estimates of the service area of health centers by ZIP code
 - Ratio of patients served by health centers to the total target population
 - Estimates of those in the target population (including the total population, and the population covered by various types of insurance and uninsured) who are not currently served by any health center
 - Change in the number of patients served over time (1-year and 2-year trends)

Available from UDS Mapper website in August



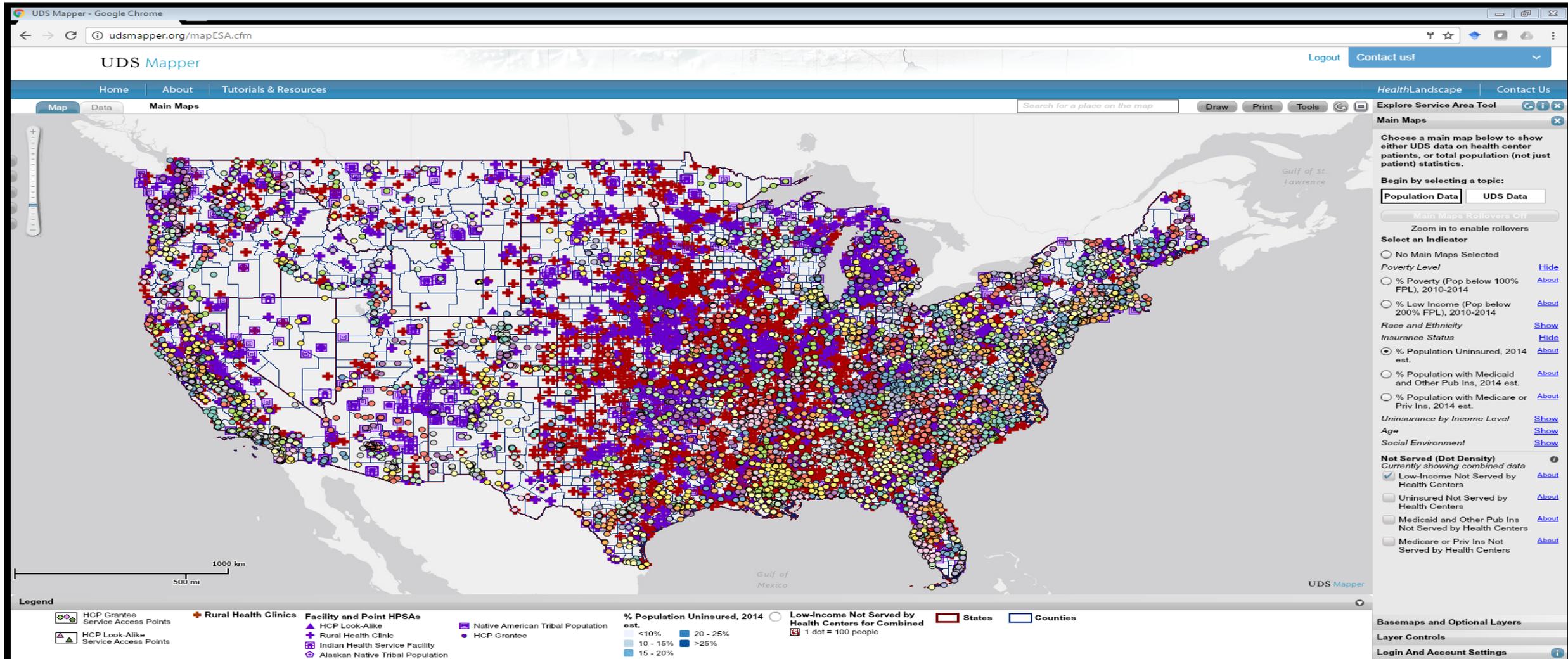
Service Area Data: Value

- **UDS Mapper data can be used to:**
 - Examine community health
 - Respond to grant applications
 - ✓ Explore service areas
 - ✓ Analyze population indicators
 - ✓ Upload your own data
- **Tools, resources, including tutorials and webinars are available at <https://www.udsmapper.org/>**



The screenshot shows the UDS Mapper website interface. At the top left, there is a blue banner with the text "Use the UDS Mapper To Examine Community Health" and three navigation links: "Explore Service Areas", "Analyze Population Indicators", and "Upload Your Own Data". Below this is a "SEE HOW IT WORKS VIEW DEMO" button. To the right of the banner is a map of a region with several blue and yellow markers. On the right side of the page, there is a "Login" section with fields for "Username (email)" and "Password", a "GO" button, and a link for "Forgot Username or Password?". Below the login section is a "Register Now" section with the text "The UDS Mapper is free to use and open to the public" and a "REGISTER" button. At the bottom of the page, there are four columns of content: "What's New" (Updated Patient Data), "Webinar Schedule", "Upcoming Presentations", and "Quick Links" (What is the UDS Mapper?, Tutorials & Resources, Knowledge Base, Webinar Training).

Service Area Data: Snapshot





Using UDS Data as a Quality Improvement Tool

Using Data from the Patient Profile

Questions to consider:

- What population are you serving?
 - ✓ Are you serving your target population?
- How has your community grown or changed over time?
- Has the number of patients you serve changed over time?
- Have patient characteristics changed over time?
- How have you improved on the patient experience, including wait-times and provider face-to-face time?



Using Data from the Staffing Profile

Questions to consider:

- Are you providing multiple types of services to your patients?
- Does your health center have the staffing capacity to provide needed services to your patients?
- Are you retaining staff?
- How have you minimized the impact on provider and staff workload and cycle time?

Using Data from the Clinical Tables

Questions to consider:

- Are you providing routine and preventive services?
- Are you successfully meeting performance standards?
- How prevalent are chronic diseases among your patients?
- What opportunities are there for quality improvement?
- Do you know how the EHR vendor calculates clinical measures and whether these conform to the UDS definitions?

Using Data from the Financial Tables

Questions to consider:

- Have your costs per patient or costs per visit changed significantly?
- How have your charges and collections changed?
 - ✓ How do they relate to each other?
- Where does your patient service income come from?
- How are you funding your scope of work?
- Do your total charges cover costs?
- Do you benchmark your financial data against national/state data?

Benchmarks

Benchmarks are used to:

- See how one health center is performing compared to similar health centers and national goals (e.g., Healthy People 2020 targets, Medicaid Adult and Child Health Care Quality Measures Core Sets)
- Identify opportunities for quality improvement activities and interventions
- Establish goals and targets for program improvements (e.g., using goals and baselines from available state or local performance data)

Benchmarks (cont'd.)

Several sources for comparisons exist:

- Internal comparisons within the Health Center Program, including trends and prevalence (UDS)
- National survey and evaluation data with prevalence, goals, and performance standards (e.g., Healthy People 2020, Centers for Disease Control and Prevention, National Quality Forum, Promoting Interoperability Programs, Million Hearts)
- Private sources (e.g., Medical Group Management Association, American Dental Association)



Select a Comparison Group

Select an appropriate comparison group by identifying others that:

- Are similar to your health center
 - ✓ Models of care
 - ✓ Rural, urban, smaller/larger, special populations
- Have characteristics that align with your health center's goals
 - ✓ Performance in clinical areas

Using UDS Data: Examples

Identify area(s) for improvement, such as:

- Early Entry into Prenatal Care
- Adult BMI Screening and Follow-up

Measures	Health Center	Healthy People 2020 Goals	Averages							Health Center Adjusted Quartile
			State	National	Urban	Size	Sites	Special population Agricultural Workers	Special population Homeless	
						20,000-49,999	6-10	Below 25%	Below 25%	
			n = 38	n = 1367	n = 761	n = 294	n = 330	n = 1329	n = 1278	
Quality of Care Outcomes/Indicators										
Early Entry into Prenatal										
Access to Prenatal Care (first prenatal visit in 1st trimester)	36.00%	77.90%	72.52%	74.06%	73.31%	72.64%	73.99%	73.65%	74.10%	4
Preventive Health Screenings and Services										
Body Mass Index (BMI) Screening and Follow-Up*	40.16%	-	55.93%	62.46%	62.35%	64.43%	63.79%	62.29%	62.54%	4

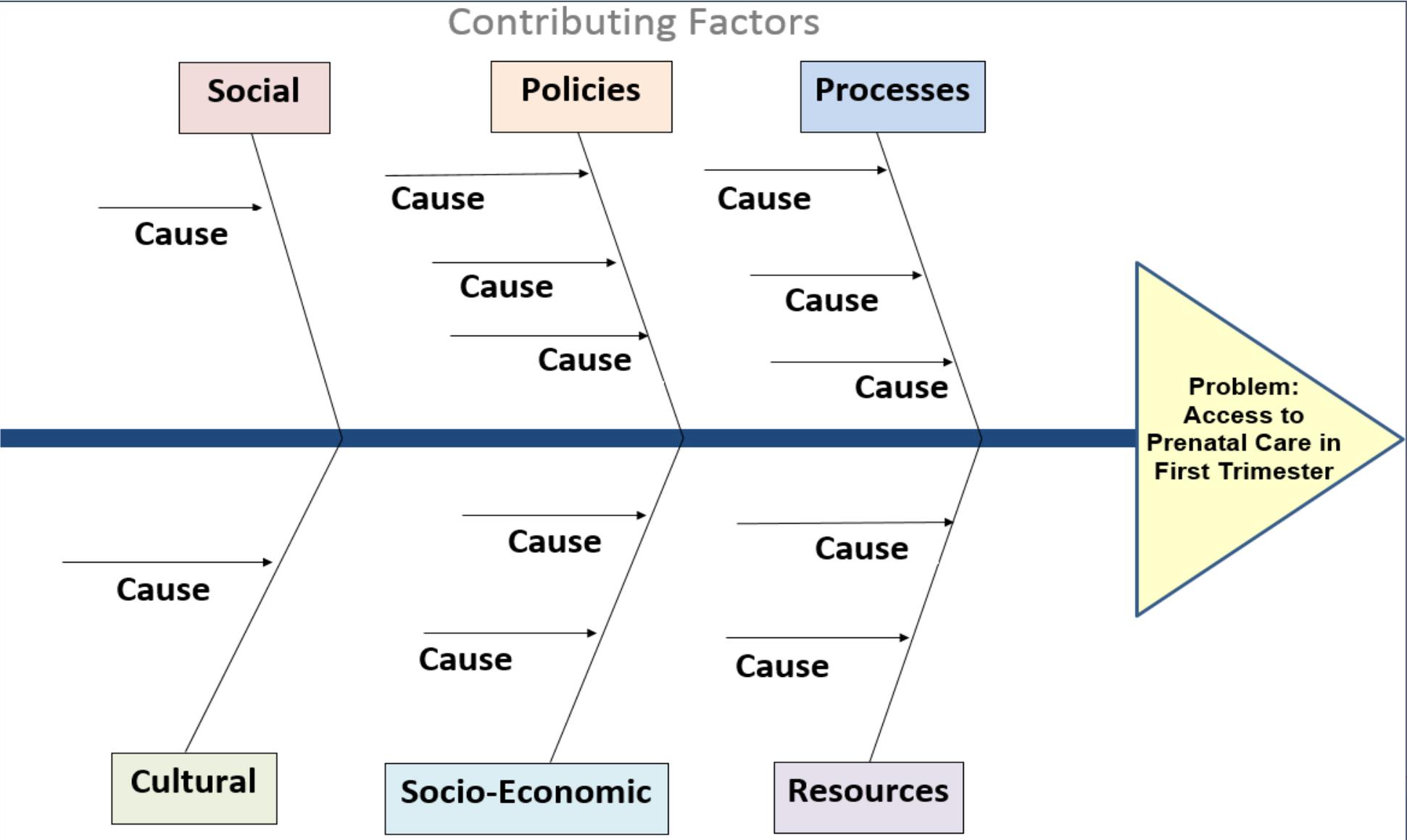
Using UDS Data: Examples (cont'd.)

Use Trend Report to validate results of improvement efforts

Measures	2015	2016	2017	2016- 2017		2015- 2017	
				Change	%	Change	%
Preventive Health Screenings and Services							
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	62.86%	71.43%	88.57%	17.14%	24.00%	25.71%	40.91%
Body Mass Index (BMI) Screening and Follow-Up	67.14%	70.00%	77.14%	7.14%	10.20%	10.00%	14.89%

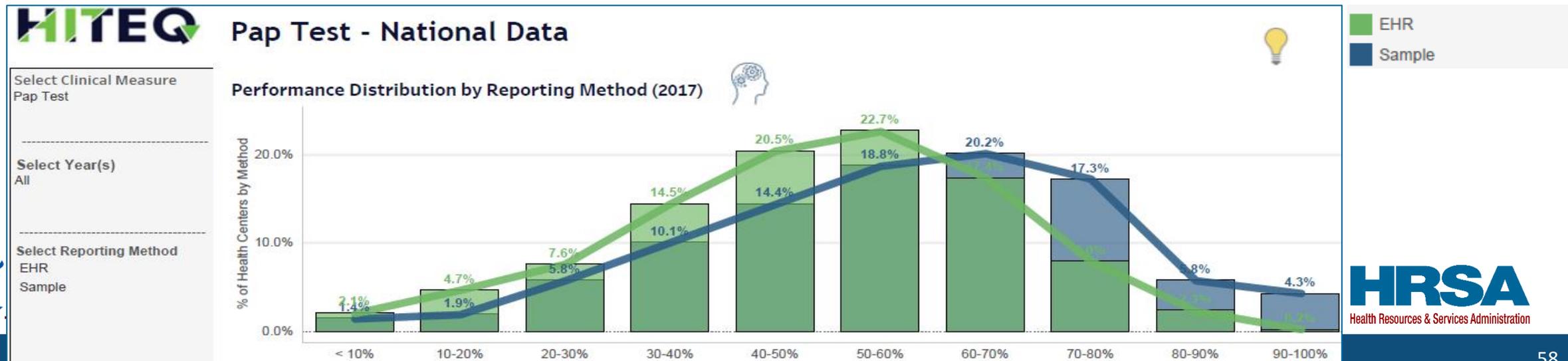


Conduct a Root-Cause Analysis - Fishbone Diagram



Using a Dashboard

- **Dashboards can help visualize performance:**
 - Visual reports of routine data (monthly, quarterly) by site or across sites
 - Interactive visual displays that allow the user to explore the data within a file
 - Interactive web-based visual displays that simplify access across multiple sites
- **Helpful tools and information about developing dashboards can be found at the [Health Information Technology, Evaluation, and Quality Center \(HITEQ\) website](#)**





HEALTH OF ASIAN AMERICANS, NATIVE HAWAIIANS AND PACIFIC ISLANDERS SERVED AT HEALTH CENTERS

Findings from the 2016 Uniform Data System

About AAPCHO

- National association of 37 community health organizations serving Asian Americans, Native Hawaiians, and Pacific Islanders (AA&NHPIs).
- Dedicated to improving the health status and access of these medically underserved communities
- BPHC funded NCA to provide technical assistance/training to AA&NHPI serving health centers

Annual AA&NHPI UDS Factsheet

- Asian Americans, Native Hawaiians and Pacific Islanders (AA&NHPIs) are among the fastest growing racial/ethnic group
- Examines patient demographics and utilization of health services at AA&NHPI-serving health centers
- Compare differences between AA&NHPI-serving health centers and the national average

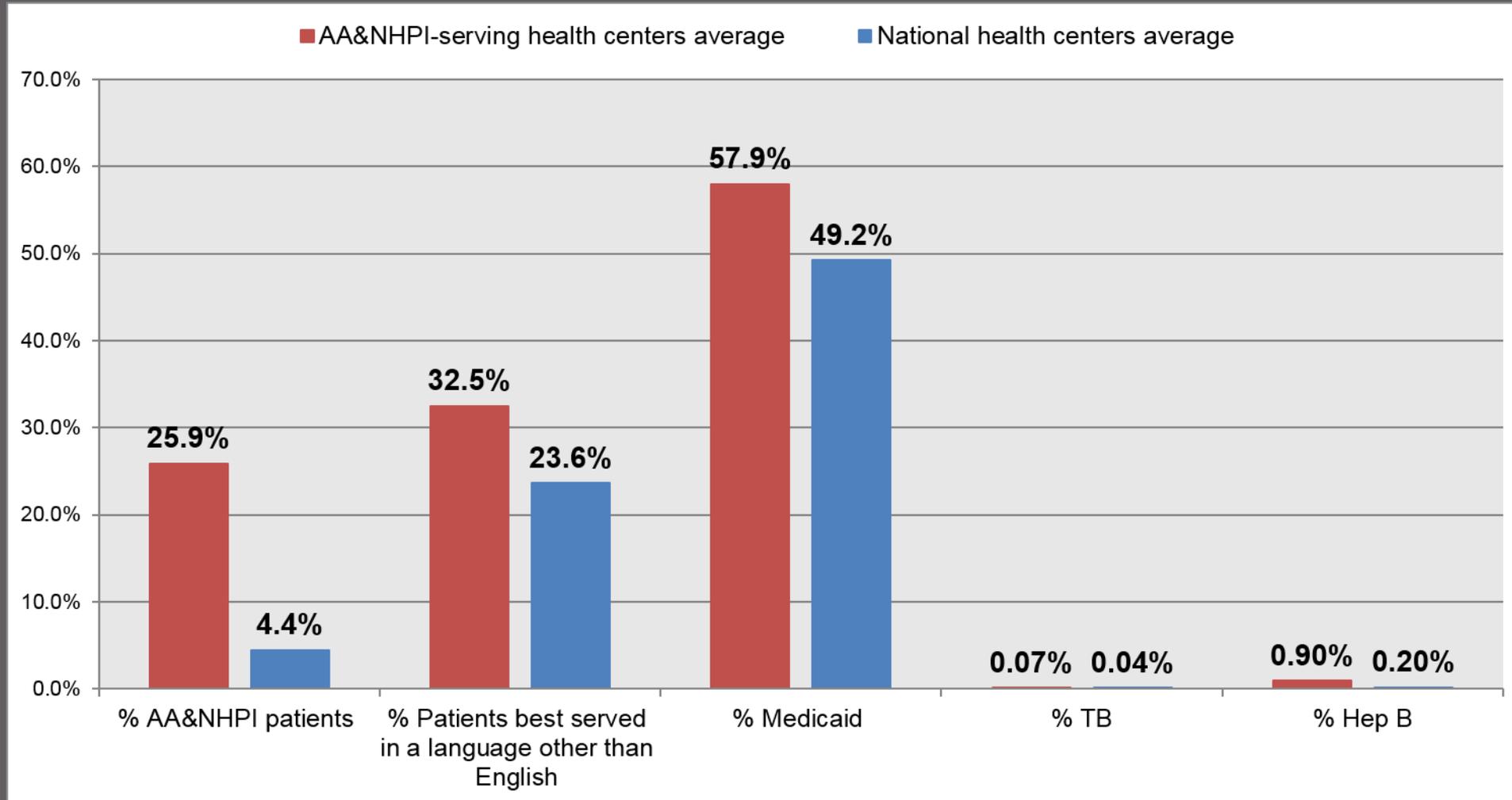
Dataset

- Uniform Data System (UDS) 2016 data
- 1,367 total health centers reported to UDS in 2016
- National averages vs. AA&NHPI serving health center averages.
- Statistically significant if $p < 0.05$

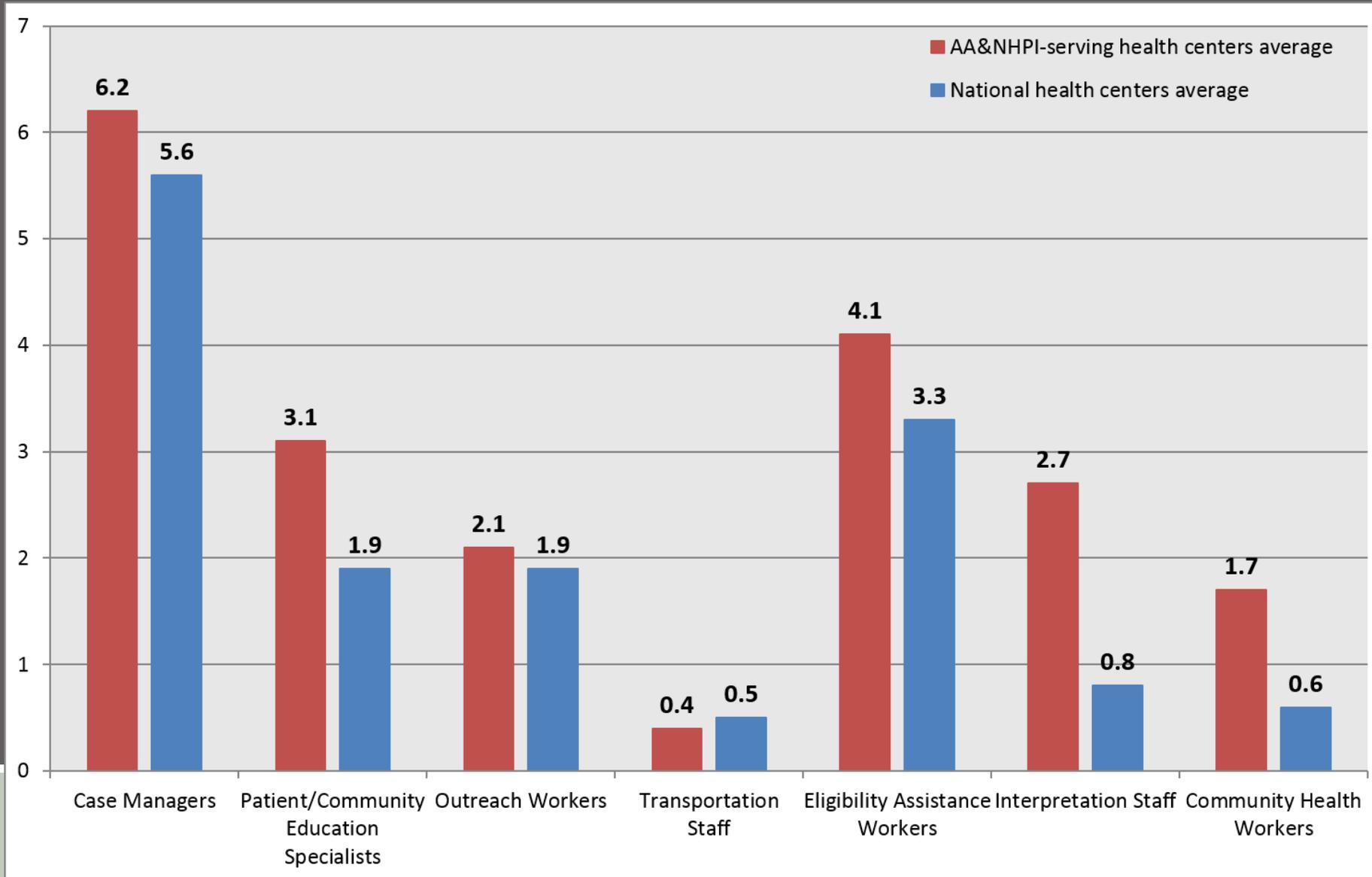
AA&NHPI Serving Health Centers

- Top 10% of health centers in terms of the **number** of AA&NHPI patients served in 2016
- These health centers 25.9% of AA&NHPI health center patients
- An average these health centers serve 5,099 &NHPIs
 - 3,930 Asian Americans
 - 258 Native Hawaiians
 - 941 Pacific Islanders
- The majority of patients were adults (61.3%) between the ages of 18-64

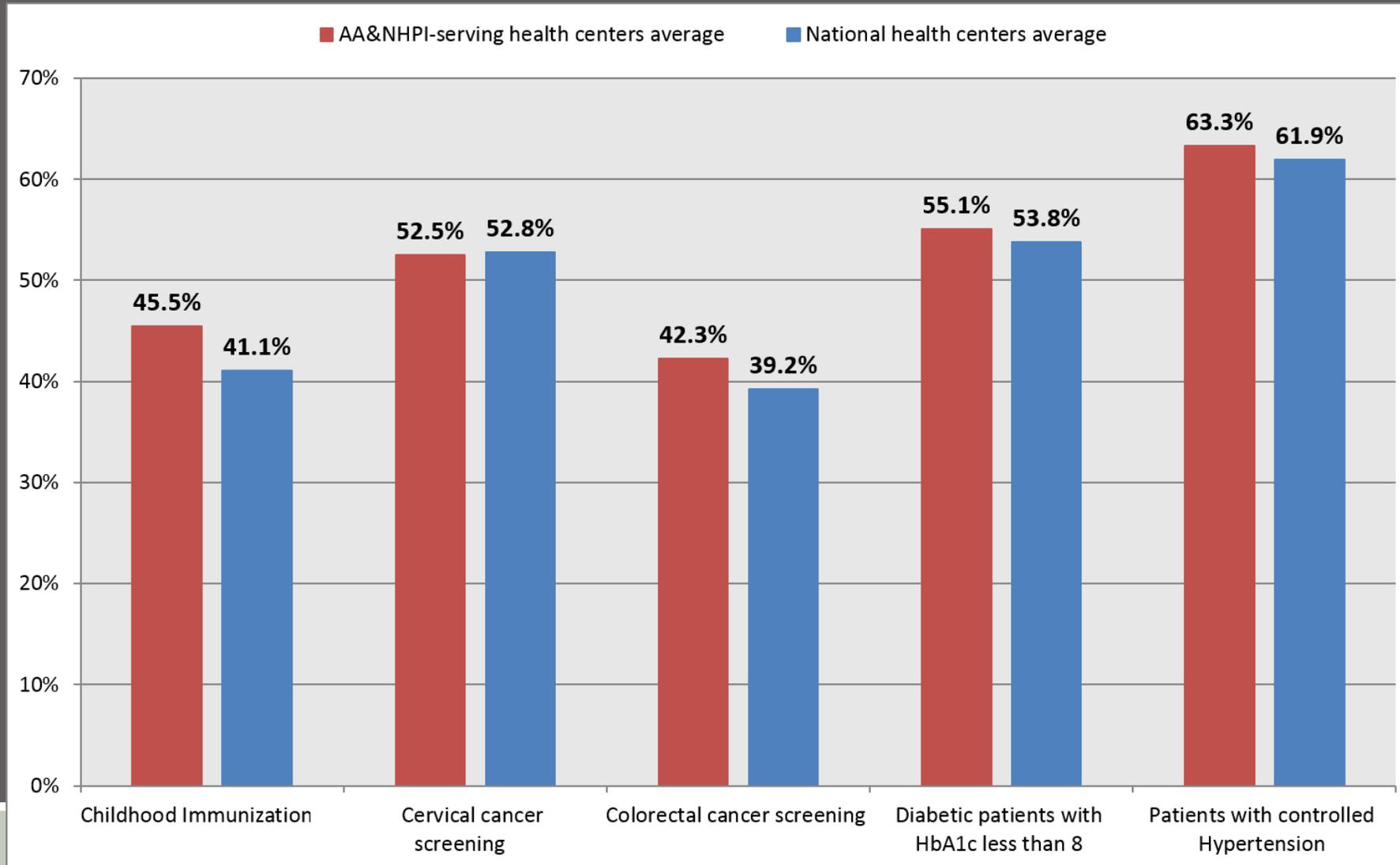
More Complex Patients



Greater Number of Enabling Services



High Quality Care



Summary of Findings

- AA&NHPI serving health centers provided access to care to a statistically significant higher proportion of Medicaid, limited English proficient, and AA&NHPI patients
- AA&NHPIs have higher prevalence of tuberculosis and hepatitis B
- Social determinants of health factors including poverty, education level, and limited English proficiency additionally impact the ability of AA&NHPI population's ability to access care

Limitations of UDS Data

- Lack of detailed AA&NHPI race/ethnic data (e.g., diabetes in Filipinos vs. Japanese)
- Lack of cross-tabulation of AA&NHPI data with other UDS measures (e.g., Federal Poverty Level for Lao vs. Chinese)
- Lack of enabling services detailed and cross-tabulated data (e.g., interpretation for Asian Americans vs. African Americans)

All above data are essential to accurately assess and address health equity!

THANK YOU!

For more information please contact:
training@aapcho.org



Accessing UDS Data, Reports, Maps, Views, and Resources

Accessing UDS Data

- **UDS data, reports, maps, and views:** Available in different locations based on user access
- **Information accessible only to health centers:** Through [EHBs](#) using a secure log-in
- **Publicly available UDS data:** On [HRSA website](#)
 - [Health Center Profiles](#)
 - [National Rollup](#)
 - [State Rollups and Profiles](#)
 - [Comparison Data Views](#)
- **Service area data:** Through [UDS Mapper](#)



Assistance

- **UDS Support Center**
 - Assistance with UDS reporting questions
 - 866-UDS-HELP (866-837-4357)
 - udshelp330@bphcdata.net
- **HRSA Call Center**
 - Assistance with EHBs account and user access questions
 - 877-Go4-HRSA (877-464-4772), Option 3
 - <http://www.hrsa.gov/about/contact/ehbhelp.aspx>
- **Health Center Program Support**
 - Assistance with EHBs electronic reporting issues
 - 877-464-4772, Option 1
 - <http://www.hrsa.gov/about/contact/bphc.aspx>
- **UDS Mapper**
 - Assistance with the online service area mapping tool
 - <http://www.udsmapper.org/contact-us.cfm>



Performance Measures References

- [Adjusted Quartile Ranking](#)
- [HRSA Clinical Quality Improvement](#)
- [Million Hearts Hypertension Control Change Package for Clinicians](#)
- [Healthy People 2020](#)
- [Quality Payment Program](#)
- [Centers for Disease Control and Prevention \(CDC\) National Center for Health Statistics State and Territorial Data](#)
- [eCQI Resource Center](#)
- [Clinical Quality Measures Basics](#)
- [National Quality Forum](#)
- [United States Health Information Knowledgebase \(USHIK\)](#)
- [U.S. Preventive Services Task Force](#)
 - [Obesity in Adults: Behavioral Interventions](#)
 - [HIV Infection: Screening](#)
- [State Tobacco Statistics](#)
- [State Diabetes Statistics](#)



Webinars

- **Upcoming Webinars**
 - Preparing For and Understanding Your UDS Submission (10/11/18)
 - Introduction to UDS Clinical Measures (10/18/18)
 - UDS for Bureau of Health Workforce Grantees (11/16/18)
 - 2019 UDS Changes (TBD)
- **Past Webinars**
 - Webinars will be archived on [HRSA's BPHC Health Center Program website](#)



Questions?



Ongoing questions can be addressed to
UDSHelp330@BPHCDATA.NET
866-UDS-HELP



Thank You!

Priscilla Davis

**Training/Technical Assistance
Coordinator**

John Snow, Inc.



priscilla_davis@jsi.com

Vivian Li

Research Analyst

AAPCHO



vli@aapcho.org

www.bphc.hrsa.gov



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