



Uniform Data System (UDS) Office Hours

August 14, 2024, 2:00–3:00 p.m. ET

Amanda Lawyer John Snow, Inc. Bureau of Primary Health Care (BPHC)

Vision: Healthy Communities, Healthy People





- Orient to the Electronic Handbooks (EHBs) and key features
 - Find current-year Uniform Data System (UDS) Report and UDS modernization tools
 - Find UDS reports
- Identify available UDS tools and reports
 - Understand the displayed information, including comparison groups and metrics used
- Use UDS data to identify strengths, weaknesses, and opportunities
 - Identify opportunities for quality improvement









Orientation to the EHBs and Key Features

EHBs Access Current- and Prior-Year Reports Modernization Tools





Accessing UDS Reports

- Hover over the Grants tab; under Submissions, click on "Work on Performance Report."
- The next page will have a Performance Report for each year.
- Click on "Performance Reports" in the far right column; the reports will be on the next screen.







Accessing UDS Reports cont'd.

- Once you click on "Performance Reports" in the far right column for the year you want, the available reports will be in the next screen, as shown here.
- Six reports are available, in addition to HTML of the UDS tables for that year below what is shown here.
- Formula guides are linked in the middle column.

Reports		
Report Name	Description	Action
UDS Data File in XML	Submitted Raw UDS Data File in XML format.	Download
UDS Data File - Excel Format	Download a copy of your health centers' submitted UDS Performance Report in an excel format including data in all tables and forms.	Download
UDS Health Center, State, National Summary Report	The Summary Report is a 'dashboard' report intended to describe each health center in a statistical manner. Calculations of key measures are derived from their own organization's current reporting on the UDS. The measures are broken out into two main categories: 1) Demographic and Clinical Data (Patients, Visits, Staffing and Clinical Information) and 2) Fiscal Information (Costs and Revenues) and provide an overall picture of the health center's performance in each of these areas.	<u>View</u>
UDS National and State Rollups	The Rollup Reports compile annual data reported by Health Center Program (HCP) health centers. Summary HCP data are provided for patient demographics, socioeconomic characteristics, staffing, patient diagnoses and services rendered, quality of care, health outcomes and disparities, financial costs, and revenues. The UDS Standard Rollup Reports provide the values and measures for universal and grant specific data at the National and State level.	<u>View</u>
UDS Health Center Trend Report	The Health Center Trend Report, introduced in 2008, reports on the key performance measures. The report compares the health center's performance for these measures with national and state averages over a 3 year period. The measures describe health center performance in three categories: Access, Quality of Care/Health Outcomes, and Financial Cost/Viability and provide an overall picture of the health center's performance in each of these areas.	<u>View</u>
UDS Health Center Performance Comparison Report	The Health Center Performance Comparison Report for individual health centers provides calculations of key measures at different levels, i.e., Health Center, State, National, Urban, Rural, National Percentiles (25th, 50th, and 75th. The report categories are Quality of Care/Health Outcomes, Costs per Patient, and Costs per Visit.	View
	Formula Guide: UDS Health Center Performance Comparison Report	





Availability of UDS Data and Reports

UDS Report Level	Timeline	Available to	Level Available*	Source
Finalized Health Center Tables and eXtensible Markup Language (XML) Data Files	June	HC, PCAs, HCCNs	Awardee: HC LAL: HC	EHBs
Health Center Trend Report	July/August	НС	Awardee: HC, S, N LAL: HC, N	EHBs
UDS Summary Report	July/August	НС	Awardee: HC, S, N LAL: HC, N	EHBs
UDS Rollup Report	July/August	HC, Public	Awardee: S, N LAL: N	EHBs, <u>HRSA website</u>
Awardee and Look-Alike Profiles	August	Public	Awardee: HC, S, N LAL: HC, N	HRSA website
Service Area Data	August	Public	Awardee: HC, S, N LAL: HC, N	GeoCare Navigator
Performance Comparison Report	August	НС	Includes all levels	EHBs
Electronic Reading Room	August	Public	Includes all levels	HRSA



HC = Health Center, HCCN = Health Center Controlled Network, HRSA = Health Resources and Services Administration; LAL = look-alike, N = Nation, PCA = Primary Care Association, S = State



Do you regularly use any of the reports we're going to cover today? If yes, which ones? (Select all that apply.)

- UDS Summary Report
- UDS Health Center Trend Report
- UDS Health Center Performance Comparison (HCPC) Report
- UDS Rollup Report
- HRSA publicly available data
- □ All of the above
- None of the above (yet!)





Available EHBs and HRSA Website Reports

- **Reports in the EHBs:** Available to health centers, PCAs, and HCCNs.
- EHBs



- Information on HRSA website and GeoCare Navigator: Available to the public on HRSA site and GeoCare Navigator site.
- HRSA Health Center Data & Reporting Site

Uniform Data System (UDS) data

Program awardees and look-alikes must report on a core set of measures in the UDS each calendar year. The UDS defines each measure. We use this data to assess the Health Center Program. We look at its impact and how it's performing, and how we can improve quality.



Awardee data

View expanded summaries of UDS tables and five-year national summaries of select UDS data measures aggregated by Health Center Program awardees.

Look-alike data © data.hrsa.gov

Explore expanded summaries of UDS tables and five-year national summaries of select UDS data measures aggregated by Health Center Program look-alikes.

Adjusted Quartile Ranking (AQR)

The adjusted quartile ranking assesses health centers' performance in clinical quality measures (CQMs) compared to other health centers with similar patient demographics and organizational characteristics.

Community Health Quality Recognition

The Community Health Quality Recognition (CHQR) badges recognize Health Center Program awardees and look-alikes that have made notable quality improvement achievements.





UDS Summary Report

Provides a calendar-year summary and analysis of health centers' UDS data using measures calculated across tables.





Value of the UDS Summary Report

Program: Health Center 330

- Can be downloaded as an Excel or PDF file or viewed on the site via HTML. *Excel option is new!*
- Report includes data from each of the 11 UDS tables and 3 forms.
- Used to compare health centers' data with national and state averages.
- Inclusive of both raw values and percentages.
 - Percentages are often more useful than raw numbers when comparing the health center to the state or nation.



UDS Summary Report - Health Center/State/National - 2023 Health Center - Universal										
	Health Center		State		National					
PATIENTS										
Total Patients		19,133		818,875		31,277,341				
Number/Percent of Patients by Services										
Medical	14,018	73.27%	721,418	88.10%	26,581,300	84.99%				
Dental	8,136	42.52%	157,328	19.21%	6,382,939	20.41%				
Mental Health	1,405	7.34%	63,947	7.81%	2,790,257	8.92%				
Substance Use Disorder	0	0.00%	13,030	1.59%	294,241	0.94%				
Other Professional	258	1.35%	23,568	2.88%	1,045,191	3.34%				
Vision	1,951	10.20%	96,517	11.79%	920,558	2.94%				
Enabling Services	234	1.22%	46,878	5.72%	2,555,236	8.17%				





Date of Last Report Refreshed: 05/10/2024

UDS Summary Report Snapshot

- Report shows areas in which the health center is performing compared to the state or nation.
- These benchmarks can be used for dashboards or quality reports.
- Presents data in six categories: patients, visits, staffing, quality of care indicators/health outcomes, costs, revenue and adjustments

		Health Center	State	National
QUALITY OF CARE INDICATORS/ HEALTH OUTCOMES				
Perinatal Health			_	
Early Entry into Prenatal Care (first visit in first trimester)		92.24%	79.48%	70.98%
Low Birth Weight		8.89%	7.55%	8.59%
Preventive Health Screenings and Services				
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents		31.96%	60.87%	71.50%
Body Mass Index (BMI) Screening and Follow-Up Plan ⁶	Π	39.06%	52.08%	67.13%
Tobacco Use: Screening and Cessation Intervention		90.41%	79.04%	84.90%
Colorectal Cancer Screening		40.13%	48.82%	41.10%
Screening for Depression and Follow-Up Plan		60.99%	59.74%	71.60%
Depression Remission at Twelve Months		10.19%	6.31%	13.60%
Cervical Cancer Screening	Π	64.97%	62.41%	54.96%
Breast Cancer Screening		73.54%	62.25%	52.40%
Childhood Immunization Status		44.51%	45.19%	30.23%
Dental Sealants for Children between 6-9 Years		51.56%	56.16%	58.80%







UDS Health Center Trend Report

Compares the health center's performance for key measures in three categories over a 3-year period.





UDS Health Center Trend Report

- Provides trend data to compare across health centers, the state, and the nation.
- Formula guide is available in the EHBs!
- Typically available from EHBs in August.







UDS Health Center Trend Report Snapshot (State Specific)

Indiana

Program: Health Center 330

Date Requested: 06/11/2024 09:41 AM EST Date of Last Report Refreshed: 05/12/2023

	2020	2024	2000	2021 - 2022		2020 - 2022		
	2020	2021	2022	Change	%	Change	%	
		Ace	cess					
Total Number of Patients Served	516,775	561,200	590,478	29,278	5.22%	73,703	14.26%	
Medical Patients Served	463,026	493,825	520,352	26,527	5.37%	57,326	12.38%	
Dental Patients Served	58,861	73,549	71,783	-1,766	-2.40%	12,922	21.95%	
Total Visits	1,848,377	2,089,253	2,289,821	200,568	9.60%	441,444	23.88%	
Agricultural Worker or Dependent Patients Served	2,253	2,242	2,439	197	8.79%	186	8.26%	
Homeless Patients Served	12,460	11,665	13,229	1,564	13.41%	769	6.17%	
Patients Served at Health Center Site(s) Located In or Immediately Accessible to Public Housing	43,959	43,667	53,149	9,482	21.71%	9,190	20.91%	

UDS Health Center Trend Report - 2022 27 Health Centers - Universal

• A UDS Health Center Trend Report can be generated for a health center, a state, or for the nation. (You must run separate reports for each.)



Health Center Program

UDS Health Center Trend Report Snapshot Financial Cost/Viability Section: State and Nation

Indiana

	2020	2021	2022	2021 - 2022		2020 - 2022	
	2020	2020 2021	2022	Change	%	Change	%
Financial Cost/Viability							
Total Cost per Total Patient ²	\$916.41	\$943.31	\$1,008.74	\$65.44	6.94%	\$92.33	10.08%
Medical Cost per Medical Visit	\$222.72	\$224.63	\$223.63	-\$0.99	-0.44%	\$0.91	0.41%
330 Grant Funds per Patient	\$147.76	\$135.75	\$133.67	-\$2.08	-1.53%	-\$14.10	-9.54%

Nation

	2020	2021	2022	2021 - 2022		2020 - 2022		
	2020	2021	2021 2022	Change	%	Change	%	
Financial Cost/Viability								
Total Cost per Total Patient ²	\$1,156.82	\$1,218.59	\$1,339.02	\$120.43	9.88%	\$182.21	15.75%	
Medical Cost per Medical Visit	\$227.25	\$237.40	\$253.41	\$16.01	6.74%	\$26.16	11.51%	
330 Grant Funds per Patient	\$165.59	\$171.61	\$165.22	-\$6.38	-3.72%	-\$0.37	-0.22%	





Value of the UDS Health Center Trend Report



- Used by health centers, HRSA, and stakeholders to monitor program performance and identify opportunities for quality improvement.
- Used by health centers in grant applications.
- Provides standard metrics in trend format to support monitoring performance over time and comparison across health center, state, and nation over a 3-year period.







UDS Health Center Performance Comparison Report

Provides a calendar-year summary and analysis of health centers' UDS data and performance.





UDS Health Center Performance Comparison Report

Provides two sets of data:

- Quality of care indicators/health outcomes
- Cost of care indicators (cost per visit and cost per patient)

Presents several levels of comparisons:

- Healthy People 2030 goals (where available)
- Averages for various comparison groups
- Percentiles for financial data
- Adjusted quartile ranking per clinical measure
- Service categories include medical, dental, mental health, substance use, vision, and enabling

The performance measures:

- Are used to compare against national benchmarks and performance of health center peers
- Show health centers' HRSAgenerated adjusted quartile rankings for clinical measures
- Include national percentile references for cost data





UDS Health Center Performance Comparison Report: Quality of Care Indicators/Health Outcomes

Individual health
center data

Healthy People benchmarks

Average for comparison group

Adjusted quartiles

		Averages									
	Health Center	Healthy People 2020	Healthy People 2030	ст	National	Urban	Size	Sites ¹	Special population Agricultural Workers ²	Special population Homeless ³	Health Center
	fieditii Centei	Goals ⁴	Goals ⁶	CI	National	orbaii	10,000- 19,999	16-20	Below 25%	Below 25%	Adjusted Quartile
				n = 16	n = 1370	n = 804	n = 411	n = 103	n = 1337	n = 1293	
QUALITY OF CARE INDICATORS/HEALTH OUTCOME	5*										
Early Entry into Prenatal Care											
Early Entry into Prenatal Care (Entered prenatal care during first trimester)	72.66%	84.80%	80.50%	71.33%	71.99%	70.77%	68.92%	72.04%	71.76%	72.01%	2
Low Birth Weight (babies born whose birth weight < 2500 grams)	2.56%	7.80%	-	9.72%	8.43%	8.43%	9.22%	8.60%	8.52%	8.42%	1
Screening and Preventive Care											
Childhood Immunization Status*	37.25%	-	-	57.71%	33.23%	34.05%	33.42%	34.16%	32.99%	33.18%	2
Cervical Cancer Screening*	46.59%	93.00%	84.30%	53.41%	53.99%	56.44%	52.33%	56.27%	53.94%	54.12%	3
Breast Cancer Screening	27.70%	-	80.50%	55.79%	50.28%	50.49%	49.93%	51.83%	50.19%	50.33%	4
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents*	72.90%	-	-	76.39%	69.81%	71.73%	69.48%	71.63%	69.84%	69.85%	3
Body Mass Index (BMI) Screening and Follow-Up Plan*	23.76%	-	-	62.40%	61.04%	59.64%	61.09%	63.85%	60.87%	61.15%	4
Tobacco Use: Screening and Cessation Intervention*	77.21%	-	-	86.53%	84.60%	84.66%	83.36%	85.78%	84.45%	84.74%	3
Colorectal Cancer Screening*	18.89%	70.50%	74.40%	47.93%	42.82%	42.21%	42.96%	44.47%	42.86%	42.98%	4
HIV Screening	54.04%	-	-	62.62%	43.82%	51.32%	41.34%	43.27%	43.97%	43.48%	2
Screening for Depression and Follow-Up Plan	61.80%	-	13.50%	66.09%	70.02%	70.54%	68.13%	75.52%	69.94%	70.13%	3
Dental Sealants for Children between 6 – 9 Years*	45.63%	28.10%	42.50%	57.83%	58.39%	58.82%	60.98%	62.23%	58.25%	58.36%	3





Chat in: What have you done with the information in the HCPC report?

- Health Center Data
- Healthy People Benchmarks
- Comparison Data
- Adjusted Quartile Rankings

How might these four categories of data support your work?
How would you/could you use them in your work?





UDS Health Center Performance Comparison Report

Adjusted Quartile Rankings

- Ranking a health center's clinical quality measures compared to other health centers
- Quartile rankings: 1 (highest 25%) to 4 (lowest 25%)
- Health center characteristics included in calculation:
 - Percent of uninsured patients
 - Percent of patients who are racial/ethnic minority
 - Percent of patients experiencing homelessness
 - Percent of agricultural workers
 - Electronic health record (EHR) status







UDS Rollup Report

Compiles and aggregates annual data reported by health centers at national, state, and grant (Health Care for the Homeless [HCH], Migrant Health Center [MHC], Public Housing Primary Care [PHPC]) levels.





UDS Rollup Report

What is it?

- Structured similarly to the UDS tables.
- All data elements reported in each of the UDS tables and forms are used.
- Calculates averages on some tables.
- Typically available in EHBs and on the HRSA UDS training and technical assistance site in August. What is the value?
- Comparable with health center's own data to place data in context with state or national averages.
- Helpful for calculating additional variables that may not be provided in standard available reports.
- Provides insights into services and rates at state or national level.
- Evaluated by stakeholders as a 1-year snapshot of the Health Center Program performance.
- Highly customizable: Run for 330, LAL, Bureau of Health Workforce (BHW) at the national level, inclusive of all reports or grant-specific reports.





UDS Rollup Report Snapshot

Table 4 - Selected Patient Characteristics - 2023

National - Universal - 1363 Health Centers

Number of Patients Line Income as Percent of Poverty Guideline % of Total % of Known (a) Income as Percentage of Poverty Guideline 1. 100% and Below 14,407,697 46.06% 67.26% 101-150% 3,166,154 10.12% 14.78% 2. 151-200% 3 1.681.082 5.37% 7.85% Over 200% 2,165,117 6.92% 10.11% 4 5. 9,857,291 31.52% Unknown 34 277 344 TOTAL (Sum of Lines 1-5) 100 0.0% 6. 0-17 years old 18 and older Primary Third-Party Medical Insurance % Total (a) (b) 7. None/Uninsured 1.016.341 4.585.053 5,601,394 17.91% Medicaid (Title XIX) 6,660,626 8.849.994 15,510,620 49.59% 8a. 8b. CHIP Medicaid 132,137 21.909 154.046 0.49% 8. Total Medicaid (Line 8a + 8b) 6,792,763 8,871,903 15,664,666 50.08% 9a. Dually Eligible (Medicare and Medicaid) 3,359 1.347.939 1.351.298 4.32% Medicare (Inclusive of dually eligible and other Title XVIII 9. 11.020 3,422,988 3.434.008 10.98% beneficiaries) 10a. Other Public Insurance (Non-CHIP) 23.348 53,809 77.157 0.25% Other Public Insurance CHIP 27,477 112,561 10b. 85.084 0.36% 10. Total Public Insurance (Line 10a + 10b) 108,432 81,286 189,718 0.61% 11. Private Insurance 1,182,294 5,205,261 6.387.555 20.42% 12. TOTAL (Sum of Lines 7 + 8 + 9 + 10 + 11) 9,110,850 22,166,491 31,277,341 100.00%

Table 4

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





UDS Rollup Report: Additional Calculations

- Rule of thumb:
 - Diagnoses may have more visits per patient than other types of services.
 - Not typically above 2.0 visits per patient for services (Line 21 onward)

3

4

 Compare this to your center's rates to understand how your services compare to peer health centers.



							_		
ine	Diagnostic Cate	egory		Applicable ICD-10-CM Code o Object Identifier (Ol	Number of Visits by Diagnosis Regardless of Primacy (a)	Number of Patients with Diagnosis (b)	Visits per Patient		
elec	cted Infectious a	nd Par	asitic Diseases						
-	Symptomatic/As	sympto	matic human immunodeficiency virus (HIV)	B20, B97.35, O98.7-, Z21 OID: 2.16.840.1.113883.3.464.1003.	120.12.1003	710,999	207,970	3.42	
	A15- through A19-, O98.0-, Z86.15, Z22.7 Tuberculosis OID: 2.16.840.1.113762.1.4.1151.56 (O98. is not in value set)					86,246	46,423	1.86	
ι.	Sexually transmitted infections (gonococcal infections and venereal diseases) A50- through A64-, Z22.4 OID: 2.16.840.1.113883.3.464.1003.112				12.11.1003	468,500	308,619	1.52	Visits per Patient
а.	Hepatitis B			B16.0 through B16.2, B16.9, B17 B18.1, B19.1-, O98.4- OID: 2.16.840.1.113883.3.464.1003.1 (B19.1- and O98.4- are not in va	104,436	48,166	2.17	1.18	
b.	Hepatitis C			B17.1-, B18.2, B19.2- OID: 2.16.840.1.113762.1.4.1222.			124,277	2.11	1.25
		 Fluoride treatment–adult or child 		CDT: D1206, CPT-4: 9918		3,181,630	2,516,584	1.26	
	32. Restorative services 33. Oral surgery (extractions and other surgical procedures)		Restorative services		CDT: D21xx t		3,337,424	1,818,795	1.83
				CDT: D7xxx		1,122,348	863,541	1.30	
		34.	Rehabilitation services (Endo, Perio, Prostho, Ortho)		04xxx, D5xxx,	1,913,520	963,769	1.99	

Excerpt of Table 6A.





HRSA Website Reports

Health Center Program awardee and LAL data available publicly.





Health Center Program Profiles

- HRSA, health centers, and researchers use profile data to help them understand changes across years for selected UDS data.
- Profiles each health center's performance:
 - Service area maps
 - <u>Community Health Center Quality</u> <u>Recognition (CHQR) Badges</u>
 - Program requirements
- Shows 5 years of data for selected categories:
 - Age and race/ethnicity
 - Patient characteristics
 - Services
 - Clinical data



Cost data



Connecticut Program Awardee Data





Health Center Program UDS Data (State Specific)

- Clinical Data section includes, for example:
 - Patients with medical conditions
 - Quality of care measures, broken into three areas: perinatal health, preventive health screening and services, and chronic disease management
- Profiles also offer the ability to drill down on social risk screening from the health information technology form.

Expanded Summaries for 2022 UDS Data Tables

- View Full 2022 State Report
- Table 3A: Patients by Age and by Sex Assigned at Birth
- Table 3B: Demographic Characteristics
- Table 4: Selected Patient Characteristics
- Table 5: Staffing and Utilization
- Table 5: Selected Service Detail Addendum
- Table 6A: Selected Diagnoses and Services Rendered
- Table 6B: Quality of Care Measures

UDS Data Five-Year Summary



Table 7: Health Outcomes and Disparities

Table EHR: Health Center Health Information Technology (HIT)

Table 8A: Financial Costs

Table 9E: Other Revenues

Table WEC: Workforce

Capabilities

Table 9D: Patient Related Revenue

Table ODE: Other Data Elements







What do you most frequently use on the public profile pages?

- Every table
- By state or health center

What can you do with these data?

- Service area data
- Benchmark sources
- County health rankings

Comparison groups and goals





Service Area Data: <u>GeoCare Navigator</u>

- Informs users about the current geographic service areas of awardees and LALs through maps with:
 - Estimated service area of health centers based on ZIP code
 - Ratio of patients served by health centers to the total population of focus
 - Changes in the number of patients served over time
- What is the value?
 - Can be used to:
 - ✓ Examine community health
 - Respond to grant and new access point applications
 - ✓ Explore service areas
 - ✓ Analyze population indicators





Benchmarks Are Useful for Several Purposes!

Compare performance

- See how a health center is performing compared to other similar health centers and national goals (e.g., Healthy People, Medicaid Child and Adult Health Care Quality Measure 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).

Benchmark sources

- Internal comparisons within the Health Center Program, including trends and prevalence.
- National survey and evaluation data with disease prevalence, goals, and quality of care standards (e.g., Million Hearts, National Quality Forum).
- Private sources (e.g., Medical Group Management Association, American Dental Association).





Selecting Comparison Groups and Setting Goals

- When setting goals, it can be tempting to say, "We'll improve by 10%" or to aim for 10% above the state average.
- However, it is important to select an appropriate comparison group by identifying peer health centers that:
 - Are similar to your health center models of care (similar mix of services or rural/urban, smaller/larger, special populations).
 - Have characteristics that align with your health center's goals, such as performance in clinical areas.









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





Available Assistance

Description	Contact	Email or Web Form	Phone	
UDS reporting questions	UDS Support Center	<u>udshelp330@bphcdata.net</u> or <u>BPHC Contact Form</u> Select: Uniform Data System (UDS) > UDS Reporting > [the most applicable subcategory]	866-837-4357 (866-UDS-HELP)	
EHBs account and user access questions	Health Center Program Support	BPHC Contact Form Select: Technical Support > EHBs Tasks/Technical Issues > EHBs Privileges	877-464-4772	
EHBs technical issues with UDS Reports	Health Center Program Support	BPHC Contact Form Select: Technical Support > EHBs Tasks/Technical Issues > Other EHBs Submission Types	877-464-4772	
UDS+ Fast Healthcare Interoperability Resources Implementation Guide (UDS+ FHIR IG) and application programming interface (API) (UDS Modernization) technical support	Health Center Program Support	BPHC Contact Form Select: Uniform Data System (UDS) > UDS Modernization > Patient- level Submission (UDS+)	877-464-4772	





More Q&A





Thank You!

Bureau of Primary Health Care (BPHC)

Health Resources and Services Administration (HRSA)



udshelp330@bphcdata.net or Health Center Program Support



1-866-837-4357

bphc.hrsa.gov



Sign up for the Primary Health Care Digest





Learn more about our agency at: <u>www.HRSA.gov</u>









