2020 Uniform Data System Trends
Public Presentation

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Office of Quality Improvement
Bureau of Primary Health Care (BPHC)
Opening Remarks

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National Health Center Week

COMMUNITY HEALTH CENTERS: The Chemistry for Strong Communities

AUGUST 8 – AUGUST 14
www.healthcenterweek.org
#NHCW2021
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Presentation Overview

AGENDA

• Story of 2020 UDS Trends
  ▪ Adapting to COVID-19
• Questions and Discussion
  ▪ Analyses
  ▪ Applying the Data
  ▪ UDS Data Resources
Adapting to COVID-19

Uniform Data System 2020
The Uniform Data System (UDS)  
An Overview

- Standardized health center reporting system
- Required by Section 330 of Public Health Service Act
- Annual reports submitted by health centers by 2/15
- Annual changes announced via Program Assistance Letter (PAL)
- **UDS Manual** provides reporting instructions

**UDS is updated every year to:**
- ✓ Align with national reporting standards
- ✓ Keep pace with the current healthcare environment
- ✓ Reflect stakeholder feedback
- ✓ Ensure evaluation of bureau and Departmental priorities
2020 UDS Reporting

What’s New or Notable

• COVID-19
  ▪ Data on novel coronavirus testing, diagnosis, and treatment
  ▪ Added the COVID-19 Uninsured Program, coronavirus and provider relief funding, COVID-19 vaccinations

• General
  ▪ New clinical quality measures: breast cancer screening, HIV screening, depression remission; and removed the asthma measure
  ▪ Captured data related to human trafficking, intimate partner violence, PrEP Management
  ▪ Added Health Center Information Technology (HIT) Capabilities
  ▪ Enhanced Social Determinants of Health (SDOH) screening
  ▪ Refined demographic data reporting: added unknown line for sexual orientation and for gender identity
Executive Summary

2020 UDS Data

Increased Access to Care

+ 770 service delivery sites for a total of 13,555

1 in 5 rural residents are served via the health center program

Improved Delivery of Services

+ 1,267 MAT eligible providers for a total of 8,362

+ 2,144 full-time equivalents for a total of 255,012

Advanced Quality of Care

79% of health centers met or exceeded one or more national benchmarks

55% of HCs improved in 5 or more Clinical Quality Measures

Addressed Public Health Emergency

99.05% of health centers offered telehealth services

3,732,745 health center patients received diagnostic tests for novel coronavirus

Note: 1,370 health centers were funded in 2019 & 2020.
COVID-19 and the Delivery of Primary Health Care Services in 2020: Health Center Patient Visits

Health centers provided **114.2 million patient visits** in 2020, a **7% decrease overall** from 2019.

Not all services were impacted equally:
- ↑ Mental Health visits increased by **15.1% (+1.8 M visits)**
- ↓ Medical visits decreased by **3.8% (-3.1 M visits)**
- ↓ Enabling services visits decreased by **9.6% (-608,800 visits)**
- ↓ Vision care visits decreased by **27.9% (-305,000 visits)**
- ↓ Dental visits decreased by **34.4% (-5.9 M visits)**

Source: Uniform Data System 2019 & 2020
COVID-19 and Health Center Patient Visits: Shift from In-Person to Virtual

In-person visits decreased by 36.63 million, or **30%** from 2019
Virtual visits increased by nearly **6,000%** – 28.05 million more virtual visits than in 2019

![Graph showing the shift from in-person to virtual visits between 2019 and 2020. The graph compares the number of in-person visits and virtual visits. In 2019, there were approximately 122,303,749 in-person visits and 478,333 virtual visits. In 2020, there were approximately 85,678,538 in-person visits and 28,530,608 virtual visits.]

Source: Uniform Data System 2019 & 2020 – Table 5
In-person clinical visits decreased by 30% but increase in virtual care offset impact of COVID on access to care.

Half of behavioral health visits were provided virtually.

Source: Uniform Data System 2020, Table 5
Note: “All” includes other types of visits not displayed on this slide. Behavioral health includes SUD and mental health services (excluding any data reported in UDS Addendum Table)
COVID-19 and Health Center Virtual Visits

1 in 4 visits were virtual in 2020

Top five services offered via telehealth
- Primary Care
- Mental Health
- Substance Use Disorder
- Chronic Conditions
- Nutrition and Dietary Counseling

99% of health centers offered virtual visits in 2020, compared to 43% in 2019

Percentage of health centers offering virtual services, by select service categories

Behavioral Health and Telehealth

- **51.75%** Mental Health visits were virtual
- **33.06%** SUD visits were virtual
- Over 90% of Health Centers offered Mental Health and/or SUD services via telehealth

Source: Uniform Data System 2019 & 2020, Tables 5, 6A, 6B, 7
* New Measure for 2020 UDS

Substance Use Disorder

+ **8.81%** in providers offering treatment and care

Mental Health

+ **15.11%** in visits
+ **6.97%** in providers
COVID-19 and Health Center Workforce

• Health centers employed more than 255,000 FTEs in 2020 – a **0.85% increase** from 2019.

• Growth was not distributed uniformly across all health center staff:
  - ↑ Mental Health and Substance Use Disorder staff increased.
  - ↓ Dental and Vision staff decreased.

Source: Uniform Data System 2019 & 2020 – Table 5
Cost, Funding, Revenue Summary
2019 to 2020

Cost Per Patient
+ 10.76% total cost per patient
+ $56.58 medical cost per medical patient
+ $45.30 BPHC grant dollars per patient

Total Funding & Costs
+ $1.09B total BPHC grant dollars
+ $1.91B in total accrued costs

Revenue
✓ Medicaid remains the largest revenue source
  ✓ 39.5% of health center revenue is from Medicaid
✓ Health Center Grants is the second largest revenue source
  ✓ 17.6% of health center revenue is from BPHC

Source: Uniform Data System 2019 & 2020, Table 9E, 9D
Testing, Treating, Expanding Telehealth

Uniform Data System 2020
COVID-19 Diagnostic Testing

Health Center Patients and Visits

Source: Uniform Data System 2020, Table 6A
COVID-19 Treatment

Health Center Patients and Visits

- **Novel coronavirus (SARS-CoV-2) disease**
  - Number of Patients: 744,594
  - Number of Visits: 1,208,467

- **Acute respiratory illness due to novel coronavirus (SARS-CoV-2) disease**
  - Number of Patients: 70,419
  - Number of Visits: 98,932

Source: Uniform Data System 2020, Table 6A
Patients, Visits, and Services

Uniform Data System 2020
COVID-19 and the Delivery of Primary Health Care Services in 2020: Health Center Patients

Health centers served **28.6 million patients** in 2020, a **4% decrease overall** from 2019.

**Ages 65+**
- Total 2,931,663
- 10.25% of patients
- +2.34% since 2019

**Ages 18-64**
- Total 17,786,985
- 62.21% of patients
- +0.11% since 2019

**Ages 0-17**
- Total 7,872,249
- 27.53% of patients
- -14.48% since 2019

Source: Uniform Data System 2019 & 2020
Patient Demographics

Insurance Status: Percent of Patients

Source: Uniform Data System 2016-2020, Table 4
Note: “Dual Eligibles” includes patients that have both Medicare and Medicaid insurance. This percentage includes patients already included in the Medicare and Medicaid calculation. (2020 UDS Manual)
COVID-19 and the Delivery of Primary Health Care Services in 2020: Special Populations

Source: Uniform Data System 2019 & 2020 – Table 4
Patient Demographics
Hispanic and Non-Hispanic Patient

†Percent of Patients with Race “Unreported/Refused to Report”: 15.76%.
Source: Uniform Data System 2016-2020, Table 3B
**Patient Demographics**

**Proportion of Patients with Known Reported Race/Ethnicity†**

- White Hispanic/Latino, 27.41%
- White Non-Hispanic/Latino, 41.72%
- Asian, 4.05%
- Native Hawaiian/Other Pacific Islander, 0.20%
- Black/African American, 21.26%
- American Indian/Alaskan Native, 1.46%
- More than one race, 3.08%
- Native Hawaiian/Other Pacific Islander, 0.20%

62.24% of patients are of a Racial and/or Ethnic Minority

†Percent of Patients with Race “Unreported/Refused to Report”: 15.76%.
Source: Uniform Data System 2016-2020, Table 3B
Accurate reporting of sexual orientation is an important part of advancing health equity and delivering culturally competent care.

Sexual Orientation is defined as: Lesbian or gay, straight, bisexual, or something else.

Source: Uniform Data System 2016 – 2020, Table 3B
Patient Demographics

Number of Patients by Gender Identity

Accurate reporting of gender identity assists health care providers in providing medically appropriate and culturally competent care.

Source: Uniform Data System 2016-2020, Table 3B
Standardized Screening for Social Risk Factors

- 947 (68.87%) of health centers screened for social risk factors
- 25% of health centers plans to collect risk factors in the future

Numerator: Number of Health Centers that use specific screeners
Denominator: Health Centers that collect data on patients outside of UDS
Source: Uniform Data System 2019 & 2020 – Table: Health Information Technologies Capabilities
Patients Seeking Services
Medical and Dental

Source: Uniform Data System 2016-2020, Table 5
Patients Seeking Services

Behavioral Health

Source: Uniform Data System 2017, 2018, 2019 & 2020 - Table 5
National Trends in Medication Assisted Treatment

Patients, Providers, Visits

There are strong upward trends in patients receiving MAT, providers eligible to prescribe MAT, and health centers providing MAT.

*Definition of MAT providers expanded to include physician assistants & certified nurse practitioners in 2017.

Source: Uniform Data System 2016-2020, Table ODE
Infectious Disease Services

Health Center Patients

Hepatitis B Test
Hepatitis C Test
HIV Test
Selected Immunizations

Seasonal Flu Vaccine
Novel coronavirus (SARSCoV2) diagnostic test
Novel coronavirus (SARSCoV2) antibody test

Source: Uniform Data System 2016-2020, Table 6A
Types of Patient Services

Number of Comprehensive Services Provided

Types of Comprehensive Services Provided:

- Dental
- Mental Health
- Vision
- Medical
- Enabling

Source: Uniform Data System 2016-2020, Table 5
Clinical Quality Measures

Uniform Data System 2020
Healthy People 2020 Goal

2020 UDS

90% met or exceeded at least 1 goal
29% met or exceeded at least 3 goals

https://www.healthypeople.gov/
Numerator: Number of health centers that met or exceeded the HP2020 benchmarks.
Denominator: Number of health centers that reported in UDS 2019, 2020.
Sources: Uniform Data System 2020
Healthy People 2030 Goal
2020 UDS

78% met or exceeded at least 1 goal
9% met or exceeded at least 3 goals

https://www.healthypeople.gov/
Numerator: Number of health centers that met or exceeded the HP2030 benchmarks.
Denominator: Number of health centers that reported in UDS 2019,2020.
Sources: Uniform Data System 2020
COVID-19 and Health Center Clinical Quality Measures

- 55% of health centers reported improvements in 5+ clinical quality measures (CQMs).
- 16% of health centers improved in 8+ CQMs.

### Maternal & Child Health

<table>
<thead>
<tr>
<th>Clinical Quality Measure</th>
<th>UDS 2019</th>
<th>UDS 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Entry Into Prenatal Care</td>
<td>74%</td>
<td>74%</td>
</tr>
<tr>
<td>Low Birth Weight</td>
<td>8%</td>
<td>8%</td>
</tr>
</tbody>
</table>

### Chronic Diseases

<table>
<thead>
<tr>
<th>Clinical Quality Measure</th>
<th>UDS 2019</th>
<th>UDS 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ischemic Vascular Disease – Use of Aspirin</td>
<td>81%</td>
<td>79%</td>
</tr>
<tr>
<td>Statin Therapy for Cardiovascular Disease</td>
<td>70%</td>
<td>72%</td>
</tr>
<tr>
<td>Hypertension Control (less than 140/90 mm Hg)</td>
<td>65%</td>
<td>58%</td>
</tr>
<tr>
<td>Diabetes Control (HbA1c ≤ 9%)</td>
<td>68%</td>
<td>64%</td>
</tr>
</tbody>
</table>

### Cancer Screening

<table>
<thead>
<tr>
<th>Clinical Quality Measure</th>
<th>UDS 2019</th>
<th>UDS 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast Cancer Screenings</td>
<td>---</td>
<td>45%</td>
</tr>
<tr>
<td>Cervical Cancer Screenings</td>
<td>57%</td>
<td>51%</td>
</tr>
<tr>
<td>Colorectal Screenings</td>
<td>46%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Source: Uniform Data System 2019 & 2020 – Table 6B

1New CQM for 2020
Building Capacity

Uniform Data System 2020
Health Center Staffing

Full-Time Equivalents by Major Service Category

Number of Full-Time Equivalents* (FTEs) by Major Service Category

- **Medical**
- **Dental**
- **Mental Health**
- **Enabling Services**
- **Vision**
- **Substance Use Disorder**

Source: Uniform Data System 2016-2020, Table 5

*Excludes facility and non-clinical support staff
Training and Workforce Development
2020 UDS

78.91% of health centers reported providing health education or training

Source: Uniform Data System 2020 – Table Workforce
A large percentage of health centers are using EHR to benefit patients in ways other than direct patient care.

Source: Uniform Data System 2020 – HIT
While Medicaid remained the largest source of revenue for health centers, **supplemental COVID-related funding** (including Health Center Program Grants and PRF funding) contributed to an overall increase in health center revenue.

**2019 Total:** $31,432,695,118  
**2020 Total:** $34,501,399,304

*Source: Uniform Data System 2019 & 2020 – Tables 9D & 9E  
Note: “Other Federal Grants” category includes Provider Relief Fund (PRF) awards.*
Cost of Care Trends

Percentages indicate the percentage change between 2016 to 2020.
Source: Uniform Data System 2016-2020, Table 3A, 8A, 9D, and 9E
Thinking About the Future

Uniform Data System 2020
Next Steps

UDS Data Now Available

• Public Data Release
  ▪ 2020 UDS data now available via https://data.hrsa.gov/tools/data-reporting
• UDS Data in HRSA Electronic Handbooks (for those with access)
  ▪ UDS Rollup Report
  ▪ Health Center Trend Report
  ▪ UDS Summary Report
  ▪ National Summary Comparison
Next Steps
Applying the Data

• Quality Improvement Awards (QIAs) are transitioning to Community Health Quality Recognition (CHQR) Awards
• Recognize Health Center Program awardees and Look-Alikes that have made notable quality improvement achievements
  ▪ Access
  ▪ Quality
  ▪ Health equity
  ▪ Health information technology
• New: COVID-19 badges
  ▪ Testing
  ▪ Vaccinations
  ▪ Data collection
Next Steps

Follow-Up Analyses

• COVID-19
  ▪ Vaccination-related challenges faced by health centers (e.g., vaccine hesitancy and financial reimbursement)
  ▪ Influence of COVID-19 HRSA grants on operations and COVID-related services
  ▪ Factors influencing vaccine wastage
  ▪ Influence of HRSA Health Center COVID-19 Vaccination Program participation on vaccination outcomes

• SDOH and health inequality
Next Steps

Health Care Program Partners

- UDS data can help inform:
  - Training and technical assistance aimed at helping health centers and their communities recover
  - Work with health center staff and external partners to better understand where and how health centers excelled and struggled
  - Identify lessons learned to prepare for the next major service disruption
  - Other ideas?
Next Steps

Questions
Thank You!

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