UDS Patient-Level Submission (UDS+)

NTTAP Forum

October 26, 2021

Vision: Healthy Communities, Healthy People

UDS Modernization Initiative

Reduce Reporting Burden

Automate data submission, provide enhanced UDS reporting capabilities, promote transparency and integrate stakeholder feedback.

Better Measure Impact

Improve the quality of UDS data to reflect improvements in patient-centered care and an evolving primary health care setting.

Promote Transparency

Provide an open transparent decision-making process on UDS changes such as measure selection, information technology, and reporting improvements.

Uniform Data System Modernization Initiative

HRSA
Health Center Program

Leveraging the UTC to Test UDS Innovations

Completed 2019 | **Completed 2020**

eCQM Alignment

Standardize reporting across federal qualified health centers by aligning eCQMs to reduce manual calculation and reporting burden

Routine Patients

Define and calculate CQM performance for routine patients to improve the accuracy and usefulness of health center CQM reporting

Countable Visits

Collect and report UDS countable visits by using electronic standards to increase data reliability and reduce variability

Table 6A

Align diagnoses and services in Table 6A with national value sets and use electronic standards to improve consistency and accuracy

HRSA
Health Center Program

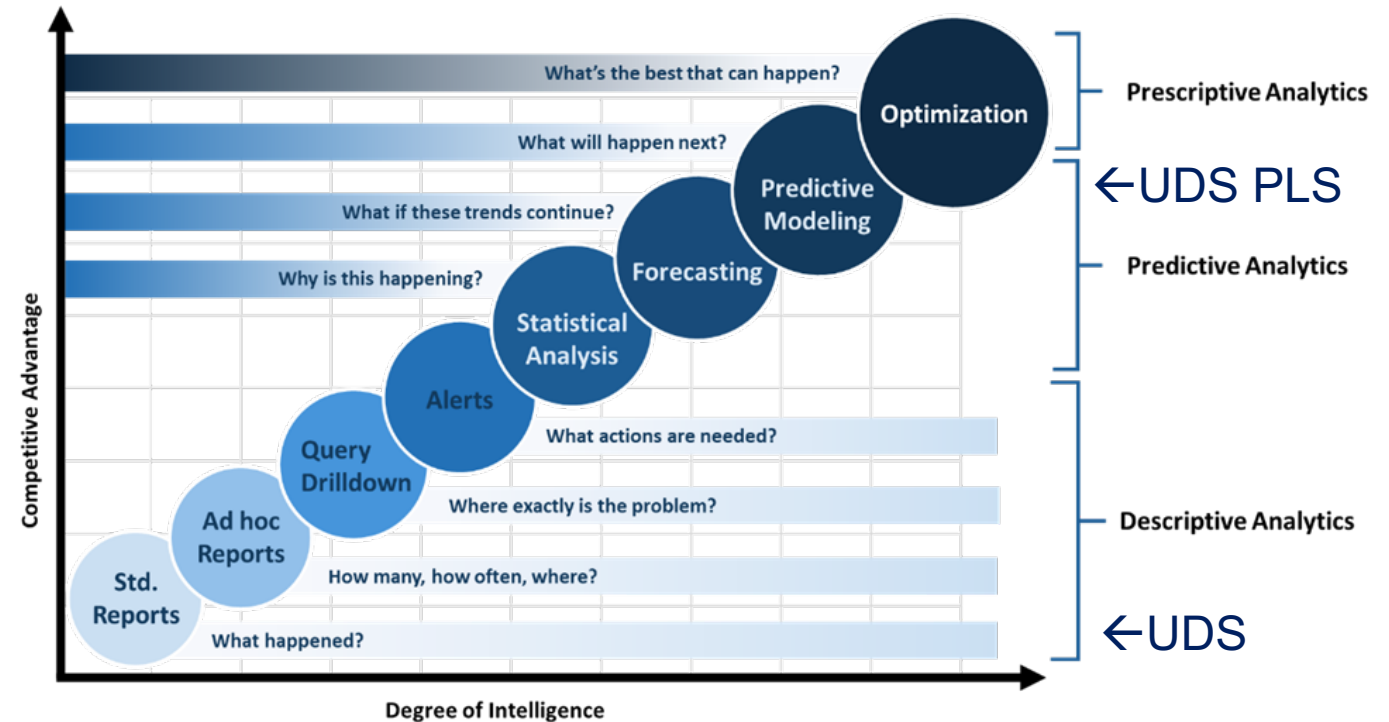# Data Analytics Capacity Development

Descriptive Analytics: describes what has happened—this is where the UDS currently sits

Predictive Analytics: describes what is likely to happen and why—this is what we are exploring

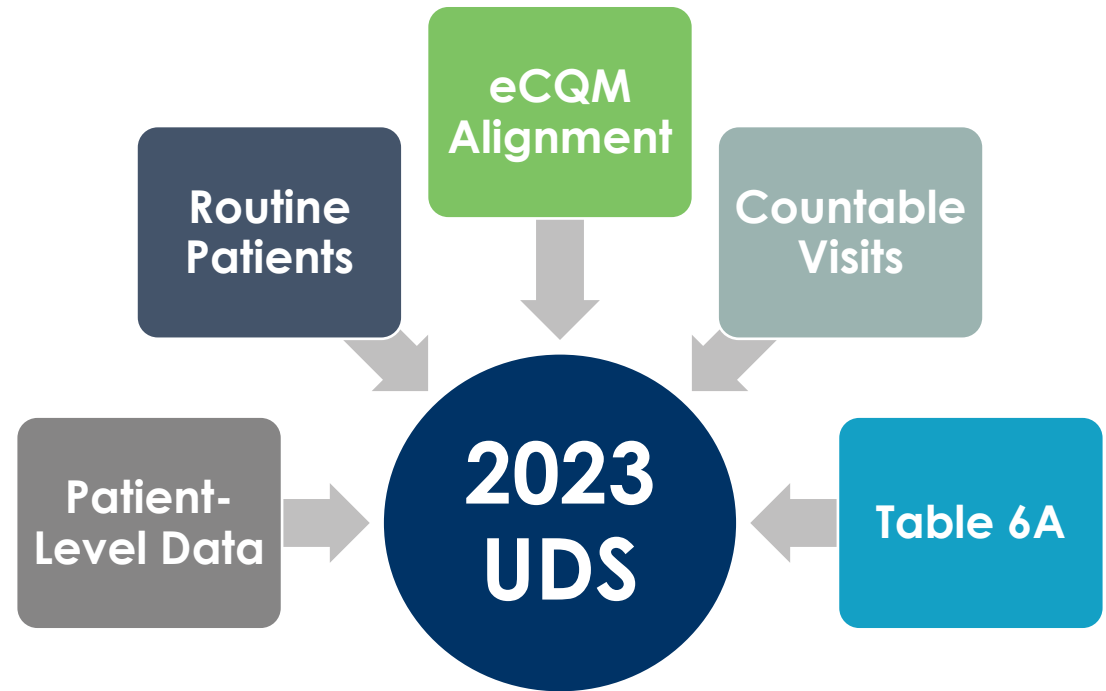**Prescriptive Analytics:** identifies the what is the best that can happen—this is the future, when we have more granular data

2023 UDS: Implementing Modernization Efforts

The 2023 UDS will include:

- Patient-level data collection (UDS+)
- "Routine Patient" indicators
- Full alignment of eCQMs
- Countable visits using electronic standards
- Alignment of data elements pulled from Table 6A with NLM value sets where possible

2023 - UDS Patient Level Submission (UDS+)

UDS+ is...

- Beginning with the 2023 UDS, BPHC will accept patient-level report data to supplant a majority of the UDS tables.

- This new section of the UDS Report will be called UDS+ and consist of data elements at the individual level from UDS Tables PBZC, 3a, 3b, 4, 6a, 6b, and 7.

- HRSA plans to accept UDS+ data in two ways:

  - a manual file upload system

  - Fast Healthcare Interoperability Resources (FHIR)

UDS+ is not...

- Not a full copy of data directly from patients' EMR.

- Not intended by HRSA to collect patient identifiers (may use linkable hashing).

List of UDS-Classic tables to be ported to UDS+:

- **Patients by ZIP code** (we can work to determine this to be minimally necessary)
- **Table 3a**
  - Age (we can work to determine this to be minimally necessary)
- **Table 3b**
  - Race
  - Ethnicity
  - Language best served in
  - Sexual/Gender Identity
- **Table 4**
  - Income
  - Principal third-party medical insurance

  - Managed Care Utilization
  - Special populations inclusion (funding streams, etc.)
- **Table 6a** (mostly can be defined using standardized code sets or clinical concepts)
  - Selected Diagnoses
  - Selected Services
- **Table 6b** (mostly eCQM)
  - Care quality improvement measures
- **Table 7** (mostly eCQM)
  - Health outcomes and disparities (care quality improvement measures cont.)

HRSA Health Center Program

UDS+ Report File Conceptual Design

Hashed ID	ZIP Code	Age	Race	Ethnicity	Diagnoses and Services (from Table 6A)	Electronic Clinical Quality Measures (eCQMs) (from Tables 6B and 7)

De-identification takes place at health center

Granular data that tells us about the patient, without compromising their identity

Diagnoses are captured through several different clinical codes. Plan to streamline and transition to value sets maintained by NLM. Clinical outcomes are measured with CMS eCQMs that have detailed specifications and guidance.

Patient 1						
Patient 2						

Proposed UDS+ Patient-Level Implementation

	January	February	March	April	May	June	July	August	September	October	November	December
2021	UDS Patient Level Data Collection CAREWARE Pilot Testing and Structure Designing											
2022				Submit OMB package for 2023 UDS Changes Including Patient Level Data Collection								
				UDS+FHIR Development and Testing, UDS+File Specification								
2023				OMB package clearance and publish 2023 UDS manual								
	2023 UDS+ Structure and Process Implementation, HRSA Systems Changes, HC Connections Testing									Rollout of UDS Patient Level Data Collection Systems		
2024	UDS Patient Level Data Collection											

Realizing the Vision

- What is the role of NTTAPs in advancing the vision of Learning Health Center System powered by UDS PLS?
- How can NTTAPs support health centers/HRSA with the transformational shift to UDS PLS?
- How might NTTAPs use this data to inform T/TA efforts?
- How could NTTAPs partner with PCAs and HCCNs with this data?
- How might NTTAPs contribute to UDS modernizations efforts in the future?