

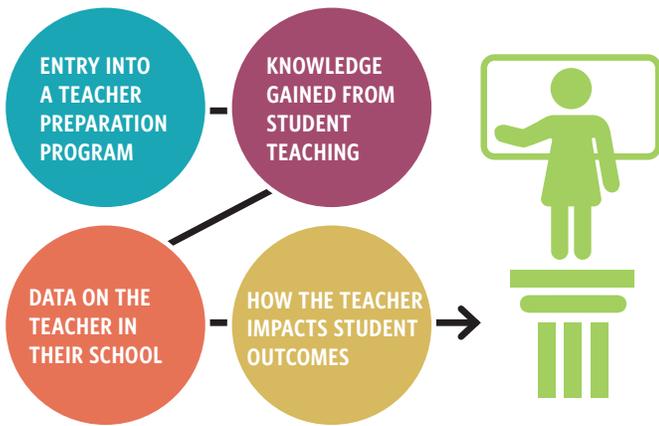


# Connected for Improvement: The Teacher Prep Data Model and Collaborative Dashboard

The preparation and support of teachers is a shared responsibility between teacher preparation programs (TPPs), certification agencies, and those hiring graduates. When everyone works together, the quality of the teaching profession is strengthened. To do their part and align their goals with a continuous improvement cycle, each of these groups

An Ed-Fi ODS that spans the full spectrum of a teacher's career

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needs access to better data at specific times in the teacher talent pipeline. In response to this need, UPD conducted research, gathered requirements and developed technology to create the **Teacher Preparation Data Model (TPDM)**, involving key players as stakeholders in the process. TPDM is an extension to the Ed-Fi data standard for teacher preparation that will harness and integrate pre-service and in-service data to be used to prepare teacher candidates and support the growth of current teachers. The TPDM extension enables comprehensive data aggregation over the span of a teacher's entire career, from entry into a TPP, through knowledge and skills demonstrated in fieldwork experiences, to placement and

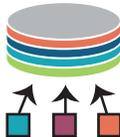
performance as an in-service teacher. TPPs, SEAs, LEAs, and schools can access and review data through automated data connections to develop strategies to ensure teachers are prepared to meet the needs of their students.

UPD is also developing a dashboard and reporting tool aligned with the Ed-Fi TPDM to enable TPP stakeholders to have access to the right data at the right time to aid in decision making for program improvement. For this **Collaborative TPP Dashboard project**, UPD is also utilizing a process of gathering requirements, feedback, and best practices from TPPs and partners. The dashboard tool will be made available through the Ed-Fi Exchange so that TPPs, State, and/or District partners may choose to implement it out-of-the-box or customize it to tailor it to their needs.

## Benefits



*The TPDM can empower and energize a new generation of skilled, dedicated teachers.*



*The TPDM ODS creates a place for institutions to centralize their data from several sources. Including credential, anonymized K-12 student, and survey data.*



*The TPDM enables TPPs to base program improvements on how their graduates perform in the classroom rather than on general or anecdotal evidence.*



*The Collaborative Dashboards make it easy to access data that they can utilize to improve their programs and develop more effective teachers.*

## UPD's Recommended Implementation Approach:

### Data Diagnostic:

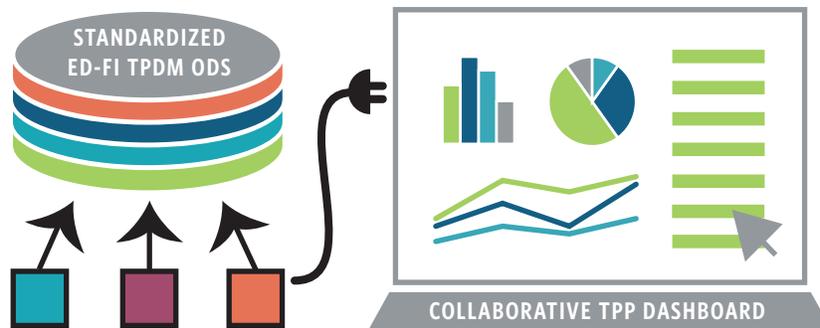
UPD conducts assessments of an organization's data systems, processes and people. These assessments determine whether the TPDM is a good fit and will align with an organization's overall objectives and technical infrastructure. If a fit is determined, then UPD provides a recommended approach to implement the TPDM and Collaborative TPP Dashboards.

### Ed-Fi TPDM ODS and Dashboards Implementation:

UPD works with an organization to plan out the project, define business and technical requirements, implement the ODS, map and load data to the ODS, determine whether additional customizations are needed to the Collaborative TPP Dashboards. UPD also works with organizations through a knowledge transfer process to ensure the organization is able to maintain the ODS post-implementation. In addition, UPD supports organizations with user adoption practices to ensure long term and continuous use of the new tools.

Currently all documentation for the TPDM is on the Ed-Fi Exchange. The documentation includes the setup guide, TPDM spreadsheet, technical documentation, and sample metric documentation. To download the information go to:

<https://exchange.ed-fi.org>



## About UPD

UPD Consulting is a committed, outcome-focused team of change agents. For organizations seeking to improve, UPD provides comprehensive management consulting services with a particular focus on data use, operational improvements, and performance management. We are a national leader in implementing Ed-Fi\* solutions with a particular expertise in applying the technology to states and school districts - our teacher preparation clients include US Prep, Relay Graduate School of Education, and UT Rio Grande Valley.

*Based in Baltimore, MD, with an office in Washington, DC, UPD is a minority-owned company and provides both on-site and off-site services to clients throughout the country.*

To learn more about the Teacher Preparation Data Model, contact Ana Quintana at [aquintana@updconsulting.com](mailto:aquintana@updconsulting.com).

\*For more information on Ed-Fi visit [ed-fi.org](https://ed-fi.org)