Project Overview

In order to train, recruit, hire, develop, and retain great teachers, educator preparation programs (EPPs), local education agencies (LEAs), and state education agencies (SEAs) need consistent and reliable data on teacher talent.

To that end, the Education Leadership and Quality division at the Texas Education Agency (TEA) is undergoing a renovation of its data infrastructure in this forthcoming project. This project will transform how EPPs, educators, policymakers, parents, LEAs, and other stakeholders interact with educator preparation data.

Through this project TEA will transform our data infrastructure and stand up public-facing and EPP-facing dashboards. Part of technical work includes adopting the Teacher Preparation Data Model (TPDM), a set of extensions to the Ed-Fi data standard and new EPP-level Operational Data Stores (ODS).

This infrastructure will create a strong data pipeline that details every step of the teacher production process and informs EPPs of ways to continuously improve their programs. This work will fundamentally transform data operations in the educator preparation ecosystem in Texas to enable deeper analysis, understanding, and responsiveness.

We hope the move to the new data standard and operational data stores will encourage our EPP community to move towards more robust information systems and quicker data input processes. In the interim, our infrastructural update will still facilitate current manual and semi-automated processes as they exist today.

TEA strives to support EPPs in data-driven continuous improvement and performance monitoring. The data dashboards will be designed using recommendations from EPP engagement events and are purposed to meet EPP needs. We believe strongly that this project will help move data quality and utility forward for all EPPs and aid in continuous improvement in the production of educators in Texas.

Project Goals

| Drive improvement and innovation in educator preparation | - |
| Efficiently process and disseminate new information | By connecting additional TEA data sources to the data EPPs report, this project will increase the quantity of data available to EPPs. |
| Increase EPP data quality | - |
| Engage EPPs in deeper data conversations | This project will train and support EPPs to ensure the community deeply understands the information being provided. |
| Provide timely and accurate information for EPP monitoring and accountability | |
| Increase transparency and stakeholder access to information | EPPs and the general public will be able to access dashboards that display data on new educators. |

The Data Dashboard Project

Determining Success

- Increased data literacy within teacher preparation communities
- Increased usage of the TEA public-facing information resources by general public
- Greater collaboration between TEA and EPPs
- Richer analysis of data

Better, Faster, More Actionable Data

Public-facing data visualizations that answer specific questions and give detailed insights
Comprehensive data narratives with additional data points to connect candidate outcomes to program inputs
EPP-facing data stores and analytical tools that combine local information with SEA data and allow for contextually-relevant analyses and views
Automated data uploads and consolidation

Additional rigor for mandatory reporting and research

The first iteration of public-facing dashboards is slated for release Fall 2019.
For more information please contact the office of Educator Data and Program Accountability.

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