

Discussion of the Implementation of the Data Warehouse

March 2016

Overview

This agenda item provides information for discussion regarding efforts to streamline and strengthen the Commission's accountability system, specific to the implementation of a data warehouse and data dashboards. Staff will present the work to date on the Data Warehouse project.

Staff Recommendation

This item is a presentation of current work on the Data Warehouse project and is for discussion and information only.

Background

The Commission has engaged in an effort to strengthen and streamline the accreditation system over the past year and has adopted new standards and policy to support that effort. This has included establishing a single repository for all Commission data while also creating more transparency to the data for stakeholders, candidates, and the public.

This agenda item provides information on work to date to develop a data warehouse and data dashboards, including a demonstration of an initial set of dashboards focusing on one segment of workforce demographics. The purpose of this first set of dashboards is to provide assignment monitoring information and data for schools ranked in the lowest three deciles of the California's Academic Performance Index (API). Data include but are not limited to the number of certificated staff misassignments (assigned outside of their legal area of authorization); number of educator misassignments by subject area; number of teacher vacancies; and number of local assignment options used from the Education Code to legally allow an educator to serve outside of the authorization(s) on their credential for these schools. Data are aggregated at the state, county and district level but also accessible by the specific school site. This set of data dashboards went live in February 2016 and can be found on the Commission website at <http://www.ctc.ca.gov/reports/default.html>.

During 2015-16, contractors are working with Commission staff to develop data dashboards that provide visualizations of Commission data as well as the ability to drill down to more detailed data. These first sets of dashboards primarily rely on data that the Commission has collected and reported for many years, such as:

- Assignment Monitoring and Teacher Vacancy Data
- Quick Facts: Aggregated State Commission Data
- Educator Supply and Demand Data
- Educator Preparation Program Features, including Title II Data
- Information Specific to Institutions Approved to Offer Educator Preparation

Future dashboards will focus on program quality and include institutional data not currently collected systematically by the Commission. This will include institution-specific and candidate performance data.