Clinical Experience and Performance Visualizations

This section provides details on the visualizations available in the Clinical Experience and Performance solution, as well as the source data tables and fields in the Ed-Fi ODS.
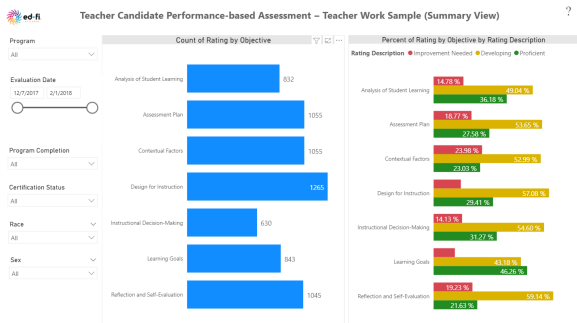
Visualizations Available

- Evaluation
- Evaluation Detail

Evaluation

User Story: As a user in a program administration personnel role, I want to view a summary of teacher candidate ratings for the Teacher Work Sample evaluation by objective. The possible ratings that teacher candidates can receive on this evaluation is Improvement Needed, Developing, Proficient. I would like to see the percentage for each rating type by evaluation.

Report View: The **Evaluation** page provides a breakdown of rating percent by evaluation and by rating type. The chart on the left (Count of Rating by Objective) simply shows the number of ratings for each objective. The chart on the right takes the count from the first chart and shows the percentage of each rating type by objective.
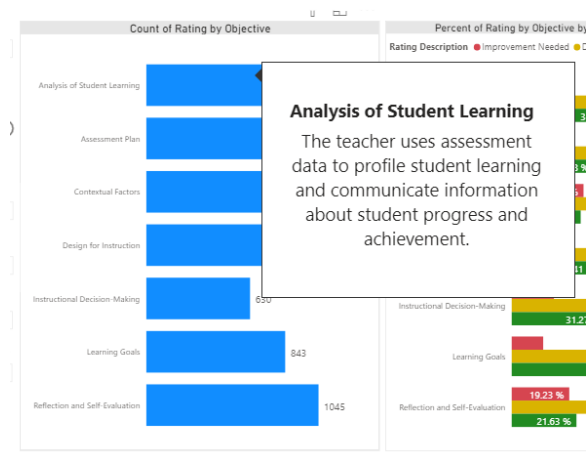

- Use the filters on the left to filter all visuals by different attribute values.
- Hovering over the **"?"** in top right corner shows a tooltip that includes information about the Teacher Work Sample evaluation. This tooltip can be edited in the **Tooltip 2** page in the report.

- Hovering over visuals provides more information on the data being presented. For example, hovering over the Count of Rating by Objective visual shows a brief description of each objective. This tooltip can be edited in the **Tooltip 3** page.
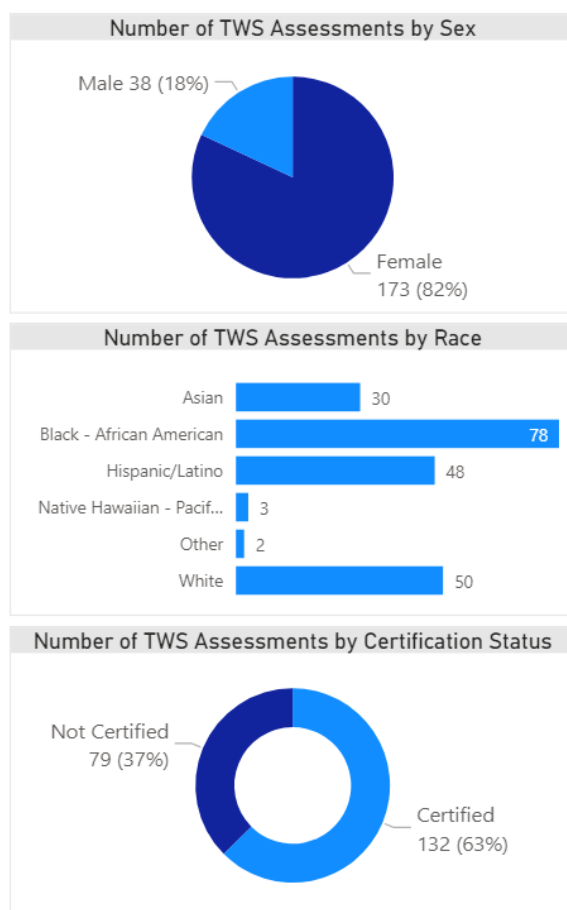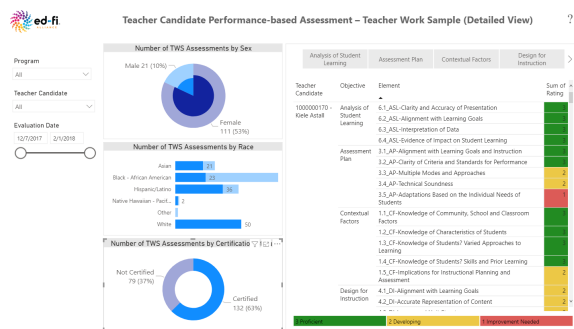
Evaluation Detail

User Story: As a user in a program administration personnel role, I want to know to see a detailed view of the distribution of teacher candidates that were evaluated using the Teacher Work Sample evaluation. I want to see each teacher candidate's rating by evaluation objectives and elements.

Report View: The **Evaluation Detail** page includes 4 visuals.

The first 3 visuals look at the number of teacher candidates that were evaluated and breaks the distribution by race, sex, and certification status.

These three visuals also serve as filters for the entire page. For example, clicking on Certified in the Number of TWS Assessments by Certification Status highlights all of the other visuals on the page by showing the details of teacher candidates that are certified.

The fourth visual is a table that shows each teacher candidate's rating by objective and then by element.

This table includes two filters that can be used to narrow down the information in the table. Use the top filter to only see ratings for a specific evaluation objective. Use the bottom filter to see teacher candidates that received a particular rating. The example below shows teacher candidates that received a rating of Developing for the objective Analysis of Student Learning.

Data Sources

The following shows the tables and fields from the Ed-Fi ODS v5.0.0 with TPDM extensions that were used to build the visualizations above to answers questions related to Educator Preparation Program Persistence and Diversity.

Name	Description	Comments
Tpdm.TeacherCandidate Table		
TeacherCandidateIdentifier (PK)	A unique identifier for each teacher candidate record.	
FirstName	Teacher candidate first name.	
LastName	Teacher candidate last name.	
GenderDescriptorId (FK, GenderDescriptor)	Foreign key that ties to Gender Descriptor table.	
HispanicLatinoEthnicity	An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central, and South America, and other Spanish cultures, regardless of race. The term, "Spanish origin," can be used in addition to "Hispanic or Latino."	1 = Hispanic 0 = Not Hispanic
EconomicDisadvantaged	An indicator that identifies a teacher candidate as economically disadvantaged.	1 = Economically Disadvantaged 0 = Not Economically Disadvantaged
ProgramComplete	An indication of whether the teacher candidate completed the program they are enrolled in.	1 = Complete 2 = Incomplete
TPDM.CredentialExtension Table		
CredentialIdentifier (PK)	A unique identifier assigned to each record in the Credential Extension table.	
PersonId (FK, Person)	Foreign key that ties to Person table.	
Edfi.Credential Table		
CredentialIdentifier (FK, CredentialExtension)	A unique identifier assigned to each record in the Credential Extension table.	
ExpirationDate	Year, month, and, day the credential expires.	
IssuanceDate	Year, month, and, day the credential was issued to a program graduate.	
Edfi.EducationOrganization Table		
EducationOrganizationId (PK)	A unique ID assigned to each TPP.	
NameofInstitution	The name of the TPP.	
Edfi.Descriptor Table		
DescriptorId (PK)	A unique identifier for each record in the Descriptor table.	
CodeValue	The value associated with each DescriptorId.	
Tpdm.TeacherCandidateTeacherPreparationProviderProgramAssociation Table		
BeginDate	Year, month, and, day a teacher candidate started the program.	
EducationOrganizationId (FK, EducationOrganization)	The TPP in which the program exists. Foreign key that ties to the Education Organization table.	

ProgramName	The name of the program.	
TeacherCandidateIdentifier (FK, TeacherCandidate)	Foreign key that ties to Teacher Candidate table.	
Tpdm.TeacherCandidateTPPProgramDegree Table		
GradeLevelDescriptorID	An ID assigned for the range of grades that a teacher candidate is specializing in to teach.	
TeacherCandidateIdentifier (FK, TeacherCandidate)	Foreign key that ties to Teacher Candidate table.	
TPPDegreeTypeDescriptorId	An ID assigned for the type of degree a Teacher Candidate is working towards.	
Edfi.Session Table		
SchoolID	An ID assigned to each school.	
School Year	The school year. Starts in the fall and ends in spring.	2015
SessionName	The term name.	Spring 2015; Fall 2016
BeginDate	The year, month, and, day that a session begins.	
EndDate	The year, month, and, day that a session ends.	
Tpdm.EvaluationElementRatingResult		
EvaluationDate	Year, Month, and, day when evaluation occurred.	
EvaluationTitle	The name of the Evaluation.	
PersonId (FK, Person)	Foreign key that ties to Person table.	
EducationOrganizationId (FK, EducationOrganization)	An ID assigned to each TPP. Foreign key that ties to the Education Organization table.	
SchoolYear	The school year for which the evaluation was taken.	
TermDescriptorID	An ID assigned to each term.	
Rating	A numeric rating that is given to each evaluation.	
RatingResultTitle	A description of each Rating given to an evaluation.	
Tpdm.FieldWorkExperience		
BeginDate	Year, Month, and day when field work experience began	
EndDate	Year, Month, and day when field work experience ended	
HoursCompleted	The number of hours the teacher candidate completed	
StudentUSI (FK, Student)	A unique student ID that ties to the edfi.Student table	
FieldWorkIdentifier(PK)	A unique identifier for each record in the tpdm.FieldWorkExperience table	