Staff Data – Entity Relationship Diagram

**StaffDemographics**
- One record for every certificated staff member working at an LEA
  - Academic Year
  - RecID
  - DistrictCode
  - CountyName
  - DistrictName
  - GenderCode
  - Age* (Available starting in 2015-16)
  - EducationLevel
  - EthnicGroup
  - YearsTeaching
  - YearsInDistrict
  - EmploymentStatusCode
  - FTE Teaching
  - FTE Administrative
  - FTE PupilServices
  - FileCreated

**StaffAssignment**
- One record for every staff member, school, ClassID, and course code
  - AcademicYear
  - RecID
  - DistrictCode
  - SchoolCode
  - CountyName
  - DistrictName
  - SchoolName
  - StaffType
  - AssignmentCode
  - ClassID
  - CourseCode
  - EstimatedFTE
  - FileCreated

**StaffSchoolFTE**
- One record for every staff member, school, and job classification
  - AcademicYear
  - RecID
  - DistrictCode
  - SchoolCode
  - CountyName
  - DistrictName
  - SchoolName
  - JobClassification
  - StaffType
  - FTE Teaching
  - FileCreated

**StaffCredentials**
- One record for every certificated staff member and credential
  - AcademicYear
  - RecID
  - CredentialType
  - AuthorizationType
  - FileCreated

**CourseEnrollment**
- One record for every school, class, class section, grade, and gender
  - AcademicYear
  - DistrictCode
  - SchoolCode
  - CountyName
  - DistrictName
  - SchoolName
  - ClassID
  - CourseCode
  - ClassCourseID
  - GradeLevelCode
  - GenderCode
  - EnrollNoEthRpt
  - EnrollAmlnd
  - EnrollAsian
  - EnrollPacsl
  - EnrollFilipino
  - EnrollHispanic
  - EnrollAfrAm
  - EnrollWhite
  - EnrollTwoOrMore
  - EnrollTotal
  - EnrollEL
  - FileCreated

**CoursesTaught**
- One record for every school, ClassID, CourseCode, and ClassCourseID
  - AcademicYear
  - DistrictCode
  - SchoolCode
  - CountyName
  - DistrictName
  - SchoolName
  - ClassID
  - CourseCode
  - ClassCourseID
  - UC CSU Approved
  - NCLB CORE
  - NCLB HQT
  - DistanceLearning
  - IndependentStudy
  - MultipleTeacherCode
  - CTE FundingProvider
  - Enrollment
  - SEID Indicator
  - FileCreated

**ClassEnrollment**
- One record for every school, class, class section, class grade, and gender (total enrollment for a class)
  - AcademicYear
  - DistrictCode
  - SchoolCode
  - CountyName
  - DistrictName
  - SchoolName
  - ClassID
  - CourseCode
  - ClassCourseID
  - GradeLevelCode
  - GenderCode
  - EnrollNoEthRpt
  - EnrollAmlnd
  - EnrollAsian
  - EnrollPacsl
  - EnrollFilipino
  - EnrollHispanic
  - EnrollAfrAm
  - EnrollWhite
  - EnrollTwoOrMore
  - EnrollTotal
  - EnrollEL
  - FileCreated

*Age available starting in 2015-16.*
### Primary Keys

<table>
<thead>
<tr>
<th>Table Name</th>
<th>Primary Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>StaffDemographics</td>
<td>RecID + DistrictCode</td>
</tr>
<tr>
<td>StaffSchoolFTE</td>
<td>RecID + DistrictCode + SchoolCode + JobClassification</td>
</tr>
<tr>
<td>StaffAssignment</td>
<td>&lt;br&gt;<strong>Teacher record</strong>&lt;br&gt;RecID + DistrictCode + SchoolCode + ClassID + CourseCode</td>
</tr>
<tr>
<td>StaffCredentials</td>
<td>RecID + CredentialType + AuthorizationType</td>
</tr>
<tr>
<td>CourseEnrollment</td>
<td>DistrictCode + SchoolCode + ClassID + CourseCode + ClassCourseID + GradeLevelCode + GenderCode</td>
</tr>
<tr>
<td>CoursesTaught</td>
<td>DistrictCode + SchoolCode + ClassID + CourseCode + ClassCourseID</td>
</tr>
<tr>
<td>ClassEnrollment</td>
<td>DistrictCode + SchoolCode + ClassID + GradeLevelCode + GenderCode</td>
</tr>
</tbody>
</table>

### Linking Tables

#### A Link: RecID + DistrictCode

- Each StaffDemographics record will be associated with one or more StaffAssignment record(s). StaffAssignment records are either: (1) teaching assignments, which will include data in the CourseCode and ClassID fields; or (2) administrative or pupil services assignments, which will have data in the AssignmentCode field.

#### B Link: DistrictCode + SchoolCode + ClassID + CourseCode

- Each StaffAssignment record will have be associated with or more CoursesTaught record(s). Usually one course is taught in one class (one CoursesTaught record for a class). When more than one course is taught in a class (i.e., a class with two sections; French 1 and French 2), there will be a CoursesTaught record for each course taught in the class.

#### C Link: DistrictCode + SchoolCode + ClassID + CourseCode

- Each StaffAssignment record will be associated with zero, or one or more ClassEnrollment record(s). One ClassEnrollment record will exist for each case where there is enrollment for a grade and gender combination.

#### D Link: DistrictCode + SchoolCode + ClassID + CourseCode + ClassCourseID

- Each CoursesTaught record will be associated with zero, or one or more ClassEnrollment record(s).

#### E Link: RecID

- Each StaffDemographics record will be associated with zero, or one or more StaffCredentials record(s), containing authorizations that are valid on Census day.

#### F Link: RecID + DistrictCode

- Each StaffDemographics record will be associated with one or more StaffSchoolFTE record(s). This record will contain the total FTE for each staff member by job classification and by school.

#### G Link: DistrictCode + SchoolCode + ClassID + CourseCode

- Each StaffAssignment record will be associated with zero, or one or more ClassEnrollment record(s). One ClassEnrollment record will exist for each case where there is enrollment for a grade and gender combination.

#### H Link: DistrictCode + SchoolCode + ClassID + CourseCode

- Each CoursesTaught record will be associated with zero, or one ClassEnrollment record(s).

**Note:**

- For team teaching, ClassEnrollment records will have more than one associated StaffAssignment record.

**Note:**

- In some cases, ClassEnrollment data are not submitted by school districts.