



## **2019-2020 Texas Education Data Standards (TEDS)**

### **Section 1 Data Submission Specifications & Responsibilities**

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## Data Submission Specifications

Close cooperation of local education agencies (LEAs), regional Education Service Centers (ESCs), and the Texas Education Agency (TEA) are required for the success of the Texas Student Data System (TSDS).

The Texas Education Data Standards (TEDS) are based on Ed-Fi Core, a widely adopted, open-source data standard developed by the educational community. The Ed-Fi Core serves as the basis for collecting data in TSDS. Texas Core Extension is used when the foundational Ed-Fi Core does not accommodate a Texas specific requirement.

TEDS is based on the exchange of extensible markup language (XML) formatted data in interchange schemas, a structured format for the transfer of this data. Interchange schemas are specific data exchange schemas that are composed from the choice of elements available in the Ed-Fi Core and the Texas Core Extension. These interchange schemas allow users to load specific data sets to the Education Data Warehouse (EDW).

TSDS uses the interchange schemas to load the data to the EDW. The interchange schemas must be loaded in the order listed below. If a collection does not require an interchange, then skip to the next interchange.

1. InterchangeEducationOrganizationExtension
2. InterchangeEducationOrgCalendar
3. InterchangeMasterScheduleExtension
4. InterchangeStudentExtension
5. InterchangeStudentParentExtension
6. InterchangeStudentEnrollmentExtension
7. InterchangeStaffAssociationExtension
8. InterchangeStudentAttendanceExtension
9. InterchangeStudentDisciplineExtension
10. InterchangeStudentGradeExtension
11. InterchangeStudentTranscriptExtension
12. InterchangeStudentProgramExtension
13. InterchangeAssessmentMetadata
14. InterchangeStudentAssessment
15. InterchangeStudentCohort
16. InterchangeSSAOrganizationAssociationExtension
17. InterchangeFinanceExtension
18. InterchangeStudentRestraintEventExtension

The TSDS data collections are:

### Public Education Information Management System (PEIMS) Collection:

- **PEIMS Fall Submission:** Represents the state of the LEA as of the PEIMS Fall snapshot date, which is the last Friday in October, whether or not this is a day of instruction. LEAs shall report all students served and staff employed on that date. Exception: Leaver data are reported based on leaver status as of the last Friday in September. ESCs and LEAs shall report current school year budget data. All LEAs report data for the PEIMS Fall submission.
- **PEIMS Mid-Year Submission:** Includes actual financial data for the prior school year. All LEAs report data for the PEIMS Mid-Year submission.
- **PEIMS Summer Submission:** Includes yearlong student attendance, course completion (high school courses, Texas Virtual School Network (TxVSN) Online Schools program courses, and TxVSN Statewide Online Course Catalog courses), disciplinary actions, restraint events, and course section data. All LEAs report data for the PEIMS Summer submission.
- **PEIMS Extended Year Submission:** Includes Extended School Year (ESY) services provided to special education students, flexible attendance for the Optional Flexible School Day Program (OFSPD) Credit/Promotion Recovery Program, students participating in the Bilingual/ESL Summer School program, and dual credit course completion. Only LEAs offering one of these described programs are required to report data for the PEIMS Extended Year submission.

### Early Childhood Data System (ECDS) Collection

This collection includes organization, staff and student identification, teacher class assignment, student class enrollment, and assessment data. The ECDS submissions are:

- **ECDS Kindergarten Submission:** LEAs that administer a Commissioner Approved Kindergarten Assessment Instrument are required to submit beginning of year assessment results.
- **ECDS Public Prekindergarten Submission:** LEAs are required to submit prekindergarten program data regardless of whether or not the LEA administers one or more of the assessments included in the Commissioner's List of Approved Prekindergarten Assessment Instruments.
- **ECDS Private Prekindergarten Submission:** If the private prekindergarten opts to report their prekindergarten program data, the private prekindergarten will submit their data through the ECDS Collection Spreadsheet. The data collection includes student demographics, teacher class assignment, student class enrollment, and special program data.

### Residential Facility (RF) Tracker Collection

This yearly submission is for LEAs to report information about special education students who reside at a residential facility and are being served by an LEA. These students will be reported as soon as services begin.

### State Performance Plan Indicator 14 (SPPI-14) Collection:

This yearly submission is for LEAs to report information on students who are identified as having received special education services in the prior school year PEIMS Summer Submission that were reported with specific LEAVER-REASON-CODEs.

### Class Roster Collection:

This collection includes organization, staff identification and demographics, class assignment, student identification and demographics, and class enrollment data. The Class Roster Submissions are:

- **Class Roster Fall Submission** as of the last Friday in September.  
*For the 2019-2020 school year, LEAs will not submit data for the Fall Submission. Refer to this TAA Correspondence for more information: [Class Roster in the Texas Student Data System](#).*
- **Class Roster Winter Submission** as of the last Friday in February.

### studentGPS™ Dashboards

The studentGPS™ Dashboards is an optional collection that incorporates data from LEA source systems and combines them to help identify trends in student, campus, and district performance.

### General Requirements:

- Data is submitted in an XML format as defined in TEDS.
- Once the TSDS data passes validation and is fatal free, it can be submitted to TEA. The data is submitted by the LEAs for required state and federal reporting (PEIMS, RF Tracker, SPPI-14, ECDS, or Class Roster).
- Once the TSDS data passes validation it can be viewed in the studentGPS® Dashboards.

### XML File Naming Requirements

1. For each interchange file submitted to the EDW, the system must identify the correct organization and data collection in order to process the file correctly:

| Position    | 1-6           | 7 | 8-10      | 11 | 12-20           | 21 | 22-33     | 34 | 35*         |
|-------------|---------------|---|-----------|----|-----------------|----|-----------|----|-------------|
| Description | District Code | – | Campus ID | –  | Collection Code | –  | Timestamp | –  | Interchange |

**District Code:** The LEA code for which the data is being uploaded. (6 digits in length)

**Campus ID:** The Campus ID is used when the file that is being loaded contains data for one campus. If the

file contains data for more than one campus or for all campuses, the value Campus ID is “000”. (3 digits in length)

**Note: Data Transfer Utility (DTU) submissions should always use Campus ID “000”.**

**Collection Code:** The collection code is a character string that uniquely identifies the data collection (9 characters in length).

- The first four characters of the Collection Code will be the ending year of the school year. For example, the first four characters would be “2014” for the 2013-2014 school year.
- The next four to five characters of the Collection Code will indicate the type of data being submitted. Currently, the possible values are:
  - “FALL1” which represents the PEIMS Fall First Submission.
  - “FALL2” which represents the PEIMS Fall Resubmission.
  - “FALL3” which represents the PEIMS Fall Working Collection.
  - “MDYR1” which represents the PEIMS Mid-Year First Submission.
  - “MDYR2” which represents the PEIMS Mid-Year Resubmission.
  - “MDYR3” which represents the PEIMS Mid-Year Working Collection.
  - “SUMR1” which represents the PEIMS Summer First Submission.
  - “SUMR2” which represents the PEIMS Summer Resubmission.
  - “SUMR3” which represents the PEIMS Summer Working Collection.
  - “EXYR1” which represents the PEIMS Extended Year First Submission.
  - “EXYR2” which represents the PEIMS Extended Year Resubmission.
  - “EXYR3” which represents the PEIMS Extended Year Working Collection.
  - “TSDS” which represents the EDW data the LEAs submit for all reporting other than PEIMS.

**Timestamp:** The timestamp is a date in YYYYMMDDHHMM format (e.g. 201406021015). The Timestamp will be a system generated value at the time the data is extracted. (12 digits in length)

**Interchange:** The interchange is the name of the interchange being submitted.

2. There **must** be an underscore (\_) between each element in the file name.

**Examples:**

227950\_000\_2014FALL1\_201310271015\_InterchangeStaffAssociationExtension.xml = 2013-2014 Fall First Submission Collection Staff Association Interchange for Region XIII.

227901\_000\_2014FALL1\_201310271015\_InterchangeStudentExtension.xml = 2013-2014 Fall First Submission Collection Student Interchange for Austin ISD.

227901\_002\_2014FALL1\_201310271015\_InterchangeStudentExtension.xml = 2013-2014 Fall First Submission Collection Student Interchange for Austin High School in Austin ISD.

227950\_000\_2014FALL2\_201310271015\_InterchangeStaffAssociationExtension.xml = 2013-2014 Fall Resubmission Collection Staff Association Interchange for Region XIII.

227950\_000\_2014FALL3\_201310271015\_InterchangeStaffAssociationExtension.xml = 2013-2014 Fall Working Collection Staff Association Interchange for Region XIII.

227901\_000\_2014TSDS\_201308301159\_InterchangeStudentExtension.xml = 2013-2014 TSDS Collection Student Interchange for Austin ISD.

## XML File Header Requirements

- For each XML file submitted to the EDW, the header must read as follows in order to process correctly:

```
<?xml version="1.0" encoding="UTF-8"?> xsi:schemaLocation="http://www.tea.state.tx.us/tsds [Exact  
Interchange Name].xsd" xmlns="http://www.tea.state.tx.us/tsds"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

### Example:

```
<InterchangeStudentEnrollment xsi:schemaLocation="http://www.tea.state.tx.us/tsds  
InterchangeStudentEnrollmentExtension.xsd" xmlns="http://www.tea.state.tx.us/tsds"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

## Hardware Requirements

To load data to the EDW, a server is needed to store the interchange XML files that are extracted from the LEA's source systems (i.e., SIS, HR, Finance, Assessment, etc.). This server is required to meet the minimum specifications as outlined below. This does NOT need to be a dedicated server. It can be shared for other purposes.

- Minimum Server Specifications:
  - T1 line or greater bandwidth
  - Windows XP or above - 32 bit
  - Processor speed - 2 GHZ or higher
  - RAM - at least 2 GB
  - Disk space - at least 15 GB available

## Interchange Schemas with Associated Complex Types Chart

The following chart provides the list in the order to submit the interchange schema(s) and associated complex types for the indicated data collections. In order for an LEA to load data into the EDW, the interchange schema(s) and associated complex types for the TSDS Collection must be submitted. Data rows with gray and italicized font represent complex types that are part of the Ed-Fi Core Schema, but not for Texas use at this time.

| Complex Type                              | Description   | Category               | TSDS | PEIMS     |         |          |         |
|---|---|------------------------|------|-----------|---------|----------|---------|
|   |   |                        |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeEducationOrganizationExtension |   |                        |      |           |         |          |         |
| 10000 - StateEducationAgency              | State Education Agency                                | Education Organization |      |           |         |          |         |
| 10005 - EducationServiceCenter            | Education Service Center                              | Education Organization |      | Y         | Y       |          |         |
| 10010 - LocalEducationAgencyExtension     | School District and Charter Schools                   | Education Organization | Y    | Y         | Y       | Y        | Y       |
| 10011 - SSAOrgAssociationExtension        | Shared Service Arrangement Fiscal Agent               | Education Organization |      | Y         | Y       |          |         |
| 10020 - SchoolExtension                   | Campus  | Education Organization | Y    | Y         | Y       | Y        | Y       |
| 10021 - FeederSchoolAssociation           | Feeder Campus   | Education Organization |      |           |         |          |         |
| 10025 - ResidentialFacilityExtension      | Residential Facility                                  | Education Organization | Y    |           |         |          |         |
| 10030 - Location                          | Education Organization Location                       | Education Organization | Y    |           |         |          |         |
| 10040 - ClassPeriod                       | Class Periods   | Education Organization | Y    |           |         | Y        |         |
| 10070 - Course                            | Campus Course Section                                 | Education Organization | Y    | Y         |         | Y        | Y       |
| 10080 - CompetencyLevelDescriptor         | Assessed Competencies                                 | Education Organization |      |           |         |          |         |
| 10090 - Program                           | Programs  | Education Organization | Y    |           |         |          |         |
| InterchangeEducationOrgCalendar           |   |                        |      |           |         |          |         |
| 10200 - Session                           | Prescribed Span of Time for an Education Organization | Education Organization | Y    |           |         |          |         |
| 10200 - GradingPeriod                     | Time span for Reporting Grades                        | Education Organization | Y    |           |         |          |         |
| 10200 - CalendarDateExtension             | Day in the School Calendar                            | Education Organization | Y    |           |         | Y        |         |
| 10200 - AcademicWeek                      | Academic Weeks for School Year                        | Education Organization |      |           |         |          |         |
| 10200 - ReportingPeriodExtension          | Time Period for Attendance                            | Education Organization |      |           |         | Y        |         |

| Complex Type   | Description   | Category   | TSDS | PEIMS     |         |          |         |
|--|---|--|------|-----------|---------|----------|---------|
|  |   |  |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeMasterScheduleExtension                     |   |  |      |           |         |          |         |
| 10050 - CourseOffering                                 | Campus Course Offerings   | Education Organization                                     | Y    |           |         | Y        | Y       |
| 10050 / 43415 / 50300 - SectionExtension               | Course Sections   | Education Organization<br>Student<br>Campus Course Section | Y    |           |         | Y        | Y       |
| 10050 - BellSchedule                                   | Campus Bell Schedule  | Education Organization                                     |      |           |         |          |         |
| 10050 - MeetingTime                                    | Meeting time for the class  | Education Organization                                     |      |           |         |          |         |
| InterchangeStudentExtension                            |   |  |      |           |         |          |         |
| 40100 / 49010 - StudentExtension                       | Student ID and Demographics   | Student  |      | Y         |         | Y        | Y       |
| InterchangeStudentParentExtension                      |   |  |      |           |         |          |         |
| 40100 / 49010 - StudentExtension                       | Student ID and Demographics   | Student  | Y    |           |         |          |         |
| 49010 - Parent   | Student's Parent Information  | Student  | Y    |           |         |          |         |
| 49010 - StudentParentAssociation                       | Relates Students to Parents   | Student  | Y    |           |         |          |         |
| InterchangeStudentEnrollmentExtension                  |   |  |      |           |         |          |         |
| 40110 / 43415 - StudentSchoolAssociationExtension      | Campus Enrollment and Withdrawal  | Student  | Y    | Y         |         | Y        | Y       |
| 40110 / 50300 - StudentSectionAssociation              | Student Section Enrollment  | Student<br>Campus Course Section                           | Y    |           |         | Y        | Y       |
| 40115 - StudentResidentialFacilityAssociationExtension | Student Residential Facility Association  | Student  | Y    |           |         |          |         |
| 40170 - CareerAndTechnicalEducationCourseExtension     | Student Career and Technical Education (CTE) Course                                 | Student  |      | Y         |         |          |         |
| 48010 - GraduationPlan                                 | Student Graduation Plan   | Student  | Y    |           |         |          |         |
| 40203 - SchoolLeaverExtension                          | Student leavers in grades 7-12 during the prior school year                         | Student  |      | Y         |         |          |         |
| 48011 - StudentGraduationProgramExtension              | Students that are pursuing or have completed a graduation program such as the FHSP. | Student  |      | Y         |         | Y        |         |



| Complex Type  | Description   | Category                       | TSDS | PEIMS     |         |          |         |
|---|---|--------------------------------|------|-----------|---------|----------|---------|
|   |   |                                |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeStaffAssociationExtension                      |   |                                |      |           |         |          |         |
| 30040 - StaffExtension                                    | Staff ID and Demographics   | Staff                          | Y    | Y         |         |          |         |
| 30050 - StaffEducationOrgEmploymentAssociationExtension   | Staff Employment - Payroll Summary  | Staff                          | Y    | Y         |         |          |         |
| 30305 - StaffEducationOrgAssignmentAssociationExtension   | Staff associated with their responsibilities within the LEA and/or school | Staff                          | Y    |           |         |          |         |
| 30310 - StaffProgramAssociation                           | Staff Associated with a Program   | Staff                          |      |           |         |          |         |
| 30090 - StaffResponsibilitiesExtension                    | Staff Responsibility  | Staff                          |      | Y         |         |          |         |
| 30310 - TeacherExtension                                  | Staff Responsibility –Instructional Staff only                            | Staff                          | Y    |           |         |          |         |
| 30310 - TeacherSchoolAssociation                          | Teacher Campus of Service   | Staff                          | Y    |           |         |          |         |
| 30305 / 50300 - TeacherSectionAssociationExtension        | Teacher Section Assignment  | Staff<br>Campus Course Section | Y    |           |         |          |         |
| 30055 - ContractedInstructionalStaffFTEExtension          | Number Contract Staff by Program Intent                                   | Staff                          |      | Y         |         |          |         |
| 30060 - PayrollExtension                                  | Staff Pay   | Staff                          |      | Y         |         |          |         |
| 30310 - LeaveEvent  | Staff Leave Event   | Staff                          | Y    |           |         |          |         |
| 30310 - OpenStaffPosition                                 | Open Staff Position(s)  | Staff                          |      |           |         |          |         |
| 30040 - CredentialFieldDescriptor                         | Teacher Fields of Certification   | Staff                          | Y    |           |         |          |         |
| InterchangeStudentAttendanceExtension                     |   |                                |      |           |         |          |         |
| 42520 - AttendanceEvent                                   | Student Daily Attendance  | Student                        | Y    |           |         |          |         |
| 42400 - BasicReportingPeriodAttendanceExtension           | Student Basic Attendance by Reporting Period                              | Student                        |      |           |         | Y        |         |
| 42401 - SpecialProgramsReportingPeriodAttendanceExtension | Student Special Programs Attendance by Reporting Period                   | Student                        |      |           |         | Y        | Y       |

| Complex Type   | Description   | Category | TSDS | PEIMS     |         |          |         |
|--|---|----------|------|-----------|---------|----------|---------|
|  |   |          |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeStudentDisciplineExtension                        |   |          |      |           |         |          |         |
| 44425 - DisciplineIncident                                   | Disciplinary Incident   | Student  | Y    |           |         | Y        |         |
| 44425 - StudentDisciplineIncidentAssociationExtension        | Student Disciplinary Incident                                   | Student  | Y    |           |         | Y        |         |
| 44425 - DisciplineActionExtension                            | Student Disciplinary Action                                     | Student  | Y    |           |         | Y        |         |
| 44425 - BehaviorDescriptor                                   | Categories of Behavior  | Student  | Y    |           |         |          |         |
| 44425 - DisciplineDescriptor                                 | Type of Action or Removal                                       | Student  | Y    |           |         |          |         |
| InterchangeStudentGrade                                      |   |          |      |           |         |          |         |
| 47010 - ReportCard   | Student Grades for Courses Taken                                | Student  |      |           |         |          |         |
| 47010 - Grade  | Student Course Grades   | Student  | Y    |           |         |          |         |
| 47010 - StudentCompetency                                    | Student Competency Assessed Against Specific Learning Objective | Student  |      |           |         |          |         |
| 47010 - Diploma  | Graduates   | Student  |      |           |         |          |         |
| 47010 - CompetencyLevelDescriptor                            | Assessed Competencies   | Student  |      |           |         |          |         |
| 47010 - LearningObjective (InterchangeStudentGradeExtension) | Course Learning Objectives                                      | Student  |      |           |         |          |         |
| 47010 - StudentCompetencyObjective                           | Additional Student Competencies for Student Achievement         | Student  |      |           |         |          |         |
| InterchangeStudentTranscriptExtension                        |   |          |      |           |         |          |         |
| 43415 - StudentAcademicRecord                                | Cumulative Record of Academic Achievement for a Student         | Student  | Y    |           |         | Y        | Y       |
| 43415 - CourseTranscriptExtension                            | Student Course Completion                                       | Student  | Y    |           |         | Y        | Y       |
| 10050 / 43415 / 50300 – SectionExtension                     | Course Sections   | Student  |      |           |         | Y        | Y       |

| Complex Type  | Description  | Category | TSDS | PEIMS     |         |          |         |
|---|--|----------|------|-----------|---------|----------|---------|
|   |  |          |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeStudentProgramExtension                    |  |          |      |           |         |          |         |
| 40110 - StudentProgramExtension                       | Student Programs   | Student  |      | Y         |         | Y        | Y       |
| 40110 - StudentProgramAssociation                     | Student Program Participation  | Student  | Y    |           |         |          |         |
| 40110 - StudentBilingualProgramAssociationExtension   | Student BIL Program  | Student  | Y    |           |         |          |         |
| 41169 - StudentCTEProgramAssociationExtension         | Student CTE Program  | Student  | Y    | Y         |         |          |         |
| 40110 - StudentESLProgramAssociationExtension         | Student ESL Program  | Student  | Y    |           |         |          |         |
| 42408 - StudentESYProgramAssociationExtension         | Student ESY Program  | Student  |      |           |         |          | Y       |
| 41163 - StudentSpecialEdProgramAssociationExtension   | Student Special Ed Program   | Student  | Y    | Y         |         | Y        |         |
| 41461 - StudentTitleIPartAProgramAssociationExtension | Student Title I Part A Program   | Student  | Y    | Y         |         | Y        |         |
| 40110 - ServiceDescriptor                             | Services provided to populations of students associated with a program | Student  | Y    |           |         |          |         |

| Complex Type                       | Description   | Category   | TSDS | PEIMS     |         |          |   |
|------------------------------------|---|------------|------|-----------|---------|----------|---|
|                                    |   |            |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY   |
| InterchangeAssessmentMetadata      |   |            |      |           |         |          |   |
| 60010 - AssessmentFamily           | Association of Assessments that Share a Common Purpose, Heritage, or Content Standard | Assessment |      |           |         |          |   |
| 60010 - AssessmentExtension        | Measure Student’s Competence, Knowledge, Skills or Behavior                           | Assessment | Y    |           |         |          |   |
| 60010 - AssessmentPeriodDescriptor | Period Assessment is Administered   | Assessment | Y    |           |         |          |   |
| 60010 - PerformanceLevelDescriptor | Thresholds for Assessment Performance   | Assessment | Y    |           |         |          |   |
| 60010 - ObjectiveAssessment        | Subtests that Assess Specific Learning Objectives                                     | Assessment | Y    |           |         |          |   |
| 60010 - AssessmentItem             | Single Measures that Make Up an Assessment  | Assessment | Y    |           |         |          |   |
| 60010 - LearningObjective          | Course Learning Objectives  | Assessment | Y    |           |         |          |   |
| 60010 - LearningStandardExtension  | Statement of the Expectation of a Student’s Proficiency                               | Assessment |      |           |         |          | Learning standards will be loaded by TEA for all LEAs using TEKS. |
| InterchangeStudentAssessment       |   |            |      |           |         |          |   |
| 46010 - StudentReference           | Reference to the Student  | Student    | Y    |           |         |          |   |
| 46010 - AssessmentReference        | Reference to the Assessment   | Student    | Y    |           |         |          |   |
| 46010 - StudentAssessment          | Assessment Scoring  | Student    | Y    |           |         |          |   |
| 46010 - StudentObjectiveAssessment | Student Raw Score for Objective Assessment  | Student    | Y    |           |         |          |   |
| 46010 - StudentAssessmentItem      | Assessment Response   | Student    | Y    |           |         |          |   |

| Complex Type                                   | Description   | Category               | TSDS | PEIMS     |         |          |         |
|--|---|------------------------|------|-----------|---------|----------|---------|
|  |   |                        |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| InterchangeStudentCohort                       |   |                        |      |           |         |          |         |
| 70010 - Cohort                                 | Designated Students for Tracking, Analysis, or Intervention | Cohort                 | Y    |           |         |          |         |
| 70010 - StudentCohortAssociation               | Student's Cohort Designation                                | Cohort                 | Y    |           |         |          |         |
| 70010 - StaffCohortAssociation                 | Staff Associated with a Cohort of Students                  | Cohort                 | Y    |           |         |          |         |
| InterchangeSSAOrganizationAssociationExtension |   |                        |      |           |         |          |         |
| 10011 - SSAOrgAssociationExtension             | Shared Service Arrangement Fiscal Agent                     | Education Organization |      | Y         | Y       |          |         |
| InterchangeFinanceExtension                    |   |                        |      |           |         |          |         |
| 20032 - ActualExtension                        | Educational Organization's Actuals                          | Finance                |      |           | Y       |          |         |
| 20030 - BudgetExtension                        | Educational Organization's Budget                           | Finance                |      | Y         |         |          |         |
| 20033 - SharedServiceArrangementExtension      | Shared Service Arrangement Members                          | Finance                |      |           | Y       |          |         |
| InterchangeStudentRestraintEventExtension      |   |                        |      |           |         |          |         |
| 45435 - RestraintEventExtension                | Student Restraint Event                                     | Student                |      |           |         | Y        |         |

## Data Category with Associated Complex Types Chart

The following chart provides a list of the complex types and associated interchange schema(s) by data category for the indicated data collections. In order for an LEA to load data into the EDW, the interchange schema(s) and associated complex types for the TSDS Collection must be submitted. Data rows that are in gray and italicized represent complex types that are part of the Ed-Fi Core Schema, but not for Texas use at this time.

| Complex Type                             | Description  | Interchange Schema                             | TSDS | PEIMS     |         |          |         |
|--|--|--|------|-----------|---------|----------|---------|
|  |  |  |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| Education Organization Category          |  |  |      |           |         |          |         |
| 10000 - StateEducationAgency             | State Education Agency                                   | InterchangeEducationOrganizationExtension      |      |           |         |          |         |
| 10005 - EducationServiceCenter           | Education Service Center                                 | InterchangeEducationOrganizationExtension      |      | Y         | Y       |          |         |
| 10010 - LocalEducationAgencyExtension    | School District and Charter Schools                      | InterchangeEducationOrganizationExtension      | Y    | Y         | Y       | Y        | Y       |
| 10011 - SSAOrgAssociationExtension       | Shared Service Arrangement<br>Fiscal Agent               | InterchangeSSAOrganizationAssociationExtension |      | Y         | Y       |          |         |
| 10020 - SchoolExtension                  | Campus   | InterchangeEducationOrganizationExtension      | Y    | Y         | Y       | Y        | Y       |
| 10021 - FeederSchoolAssociation          | Feeder Campus  | InterchangeEducationOrganizationExtension      |      |           |         |          |         |
| 10025 - ResidentialFacilityExtension     | Residential Facility                                     | InterchangeEducationOrganizationExtension      | Y    |           |         |          |         |
| 10030 - Location                         | Education Organization Location                          | InterchangeEducationOrganizationExtension      | Y    |           |         |          |         |
| 10040 - ClassPeriod                      | Class Periods  | InterchangeEducationOrganizationExtension      | Y    |           |         | Y        |         |
| 10050 - BellSchedule                     | Campus Bell Schedule                                     | InterchangeMasterScheduleExtension             |      |           |         |          |         |
| 10050 / 43415 / 50300 - SectionExtension | Course Sections  | InterchangeMasterScheduleExtension             | Y    |           |         | Y        | Y       |
| 10050 - CourseOffering                   | Campus Course Offerings                                  | InterchangeMasterScheduleExtension             | Y    |           |         | Y        | Y       |
| 10050 - MeetingTime                      | Meeting time for the class                               | InterchangeMasterScheduleExtension             |      |           |         |          |         |
| 10070 - Course                           | Campus Course Section                                    | InterchangeEducationOrganizationExtension      | Y    | Y         |         | Y        | Y       |
| 10080 - CompetencyLevelDescriptor        | Assessed Competencies                                    | InterchangeEducationOrganizationExtension      |      |           |         |          |         |
| 10090 - Program                          | Programs   | InterchangeEducationOrganizationExtension      | Y    |           |         |          |         |
| 10200 - Session                          | Prescribed Span of Time for an<br>Education Organization | InterchangeEducationOrgCalendar                | Y    |           |         |          |         |
| 10200 - AcademicWeek                     | Academic Weeks for School Year                           | InterchangeEducationOrgCalendar                |      |           |         |          |         |
| 10200 - CalendarDateExtension            | Day in the School Calendar                               | InterchangeEducationOrgCalendar                | Y    |           |         | Y        |         |
| 10200 - GradingPeriod                    | Time span for Reporting Grades                           | InterchangeEducationOrgCalendar                | Y    |           |         |          |         |
| 10200 - ReportingPeriodExtension         | Time Period for Attendance                               | InterchangeEducationOrgCalendar                |      |           |         | Y        |         |

| Complex Type  | Description   | Interchange Schema                   | TSDS | PEIMS     |         |          |         |
|---|---|--------------------------------------|------|-----------|---------|----------|---------|
|   |   |                                      |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| Finance Category  |   |                                      |      |           |         |          |         |
| 20030 - BudgetExtension                                 | Educational Organization's Budget   | InterchangeFinanceExtension          |      | Y         |         |          |         |
| 20032 - ActualExtension                                 | Educational Organization's Actuals  | InterchangeFinanceExtension          |      |           | Y       |          |         |
| 20033 - SharedServiceArrangementExtension               | Shared Service Arrangement Members  | InterchangeFinanceExtension          |      |           | Y       |          |         |
| Staff Category  |   |                                      |      |           |         |          |         |
| 30040 - StaffExtension                                  | Staff ID and Demographics   | InterchangeStaffAssociationExtension | Y    | Y         |         |          |         |
| 30040 - CredentialFieldDescriptor                       | Teacher Fields of Certification   | InterchangeStaffAssociationExtension | Y    |           |         |          |         |
| 30050 - StaffEducationOrgEmploymentAssociationExtension | Staff Employment - Payroll Summary  | InterchangeStaffAssociationExtension | Y    | Y         |         |          |         |
| 30055 - ContractedInstructionalStaffFTEExtension        | Number Contract Staff by Program Intent                                   | InterchangeStaffAssociationExtension |      | Y         |         |          |         |
| 30060 - PayrollExtension                                | Staff Pay   | InterchangeStaffAssociationExtension |      | Y         |         |          |         |
| 30090 - StaffResponsibilitiesExtension                  | Staff Responsibility  | InterchangeStaffAssociationExtension |      | Y         |         |          |         |
| 30305 - StaffEducationOrgAssignmentAssociationExtension | Staff associated with their responsibilities within the LEA and/or school | InterchangeStaffAssociationExtension | Y    |           |         |          |         |
| 30305 / 50300 - TeacherSectionAssociationExtension      | Teacher Section Assignment  | InterchangeStaffAssociationExtension | Y    |           |         |          |         |
| 30310 - TeacherExtension                                | Staff Responsibility –Instructional Staff only                            | InterchangeStaffAssociationExtension | Y    |           |         |          |         |
| 30310 - StaffProgramAssociation                         | Staff Associated with a Program   | InterchangeStaffAssociationExtension |      |           |         |          |         |
| 30310 - LeaveEvent                                      | Staff Leave Event   | InterchangeStaffAssociationExtension | Y    |           |         |          |         |
| 30310 - OpenStaffPosition                               | Open Staff Position(s)  | InterchangeStaffAssociationExtension |      |           |         |          |         |
| 30310 - TeacherSchoolAssociation                        | Teacher Campus of Service   | InterchangeStaffAssociationExtension | Y    |           |         |          |         |

| Complex Type   | Description  | Interchange Schema   | TSDS | PEIMS     |         |          |         |
|--|--|--|------|-----------|---------|----------|---------|
|  |  |  |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| Student Category                                       |  |  |      |           |         |          |         |
| 40100 / 49010 - StudentExtension                       | Student ID and Demographics  | InterchangeStudentExtension<br>InterchangeStudentParentExtension | Y    | Y         |         | Y        | Y       |
| 40110 / 43415 - StudentSchoolAssociationExtension      | Campus Enrollment and Withdrawal                                       | InterchangeStudentEnrollmentExtension                            | Y    | Y         |         | Y        | Y       |
| 40110 / 50300 - StudentSectionAssociation              | Student Section Enrollment   | InterchangeStudentEnrollmentExtension                            | Y    |           |         | Y        | Y       |
| 40110 - StudentProgramExtension                        | Student Programs   | InterchangeStudentProgramExtension                               |      | Y         |         | Y        | Y       |
| 40110 - StudentProgramAssociation                      | Student Program Participation  | InterchangeStudentProgramExtension                               | Y    |           |         |          |         |
| 40110 - StudentBilingualProgramAssociationExtension    | Student BIL Program  | InterchangeStudentProgramExtension                               | Y    |           |         |          |         |
| 40110 - StudentESLProgramAssociationExtension          | Student ESL Program  | InterchangeStudentProgramExtension                               | Y    |           |         |          |         |
| 40110 - ServiceDescriptor                              | Services provided to populations of students associated with a program | InterchangeStudentProgramExtension                               | Y    |           |         |          |         |
| 40115 - StudentResidentialFacilityAssociationExtension | Student Residential Facility Association                               | InterchangeStudentEnrollmentExtension                            | Y    |           |         |          |         |
| 40170 - CareerAndTechnicalEducationCourseExtension     | Student Career and Technical Education (CTE) Course                    | InterchangeStudentEnrollmentExtension                            |      | Y         |         |          |         |
| 40203 - SchoolLeaverExtension                          | Student leavers in grades 7-12 during the prior school year            | InterchangeStudentEnrollmentExtension                            |      | Y         |         |          |         |
| 41169 - StudentCTEProgramAssociationExtension          | Student CTE Program  | InterchangeStudentProgramExtension                               | Y    | Y         |         |          |         |
| 41163 - StudentSpecialEdProgramAssociationExtension    | Student Special Ed Program   | InterchangeStudentProgramExtension                               | Y    | Y         |         | Y        |         |
| 41461 - StudentTitleIPartAProgramAssociationExtension  | Student Title I Part A Program   | InterchangeStudentProgramExtension                               | Y    | Y         |         | Y        |         |



| Complex Type  | Description   | Interchange Schema                        | TSDS | PEIMS     |         |          |         |
|---|---|---|------|-----------|---------|----------|---------|
|   |   |   |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| 42400 - BasicReportingPeriodAttendanceExtension           | Student Basic Attendance by Reporting Period            | InterchangeStudentAttendanceExtension     |      |           |         | Y        |         |
| 42401 - SpecialProgramsReportingPeriodAttendanceExtension | Student Special Programs Attendance by Reporting Period | InterchangeStudentAttendanceExtension     |      |           | Y       | Y        |         |
| 42520 - AttendanceEvent                                   | Student Daily Attendance                                | InterchangeStudentAttendanceExtension     | Y    |           |         |          |         |
| 42408 - StudentESYProgramAssociationExtension             | Student ESY Program                                     | InterchangeStudentProgramExtension        |      |           |         |          | Y       |
| 43415 - CourseTranscriptExtension                         | Student Course Completion                               | InterchangeStudentTranscriptExtension     | Y    |           |         | Y        | Y       |
| 43415 - StudentAcademicRecord                             | Cumulative Record of Academic Achievement for a Student | InterchangeStudentTranscriptExtension     | Y    |           |         | Y        | Y       |
| 10050 / 43415 / 50300 - SectionExtension                  | Course Sections   | InterchangeMasterScheduleExtension        | Y    |           |         | Y        | Y       |
| 44425 - StudentDisciplineIncidentAssociationExtension     | Student Disciplinary Incident                           | InterchangeStudentDisciplineExtension     | Y    |           |         | Y        |         |
| 44425 - DisciplineActionExtension                         | Student Disciplinary Action                             | InterchangeStudentDisciplineExtension     | Y    |           |         | Y        |         |
| 44425 - DisciplineIncident                                | Disciplinary Incident                                   | InterchangeStudentDisciplineExtension     | Y    |           |         | Y        |         |
| 44425 - BehaviorDescriptor                                | Categories of Behavior                                  | InterchangeStudentDisciplineExtension     | Y    |           |         |          |         |
| 44425 - DisciplineDescriptor                              | Type of Action or Removal                               | InterchangeStudentDisciplineExtension     | Y    |           |         |          |         |
| 45435 - RestraintEventExtension                           | Student Restraint Event                                 | InterchangeStudentRestraintEventExtension |      |           |         | Y        |         |
| 46010 - StudentReference                                  | Reference to the Student                                | InterchangeStudentAssessment              | Y    |           |         |          |         |
| 46010 - AssessmentReference                               | Reference to the Assessment                             | InterchangeStudentAssessment              | Y    |           |         |          |         |
| 46010 - StudentAssessment                                 | Assessment Scoring                                      | InterchangeStudentAssessment              | Y    |           |         |          |         |
| 46010 - StudentObjectiveAssessment                        | Student Raw Score for Objective Assessment              | InterchangeStudentAssessment              | Y    |           |         |          |         |
| 46010 - StudentAssessmentItem                             | Assessment Response                                     | InterchangeStudentAssessment              | Y    |           |         |          |         |

| Complex Type  | Description   | Interchange Schema                    | TSDS | PEIMS     |         |          |         |
|---|---|---------------------------------------|------|-----------|---------|----------|---------|
|   |   |                                       |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| 47010 - ReportCard  | Student Grades for Courses Taken  | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - Grade   | Student Course Grades   | InterchangeStudentGradeExtension      | Y    |           |         |          |         |
| 47010 - StudentCompetency                                       | Student Competency Assessed Against Specific Learning Objective                     | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - Diploma   | Graduates   | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - GradebookEntry  | Teacher's Assessment  | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - StudentGradebookEntry                                   | Student Grade or Competency Level   | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - CompetencyLevelDescriptor                               | Assessed Competencies   | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - LearningObjective<br>(InterchangeStudentGradeExtension) | Course Learning Objectives  | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 47010 - StudentCompetencyObjective                              | Additional Student Competencies for Student Achievement                             | InterchangeStudentGradeExtension      |      |           |         |          |         |
| 48010 - GraduationPlan  | Student Graduation Plan   | InterchangeStudentEnrollmentExtension | Y    |           |         |          |         |
| 48011 - StudentGraduationProgramExtension                       | Students that are pursuing or have completed a graduation program such as the FHSP. | InterchangeStudentEnrollmentExtension |      | Y         |         | Y        |         |
| 49010 - Parent  | Student's Parent Information  | InterchangeStudentParentExtension     | Y    |           |         |          |         |
| 49019 - StudentParentAssociation                                | Relates Students to Parents   | InterchangeStudentParentExtension     | Y    |           |         |          |         |

| Complex Type                                       | Description   | Interchange Schema                    | TSDS | PEIMS     |         |          |         |
|--|---|---------------------------------------|------|-----------|---------|----------|---------|
|  |   |                                       |      | 1<br>Fall | 2<br>MY | 3<br>Sum | 4<br>EY |
| Campus Course Section Category                     |   |                                       |      |           |         |          |         |
| 10050 / 43415 / 50300 - SectionExtension           | Course Sections   | InterchangeMasterScheduleExtension    | Y    |           |         | Y        | Y       |
| 40110 / 50300 - StudentSectionAssociation          | Student Section Enrollment  | InterchangeStudentEnrollmentExtension | Y    |           |         | Y        | Y       |
| 30305 / 50300 - TeacherSectionAssociationExtension | Teacher Section Assignment  | InterchangeStaffAssociationExtension  | Y    |           |         |          |         |
| Assessment Category                                |   |                                       |      |           |         |          |         |
| 60010 -AssessmentFamily                            | Association of Assessments that Share a Common Purpose, Heritage, or Content Standard | InterchangeAssessmentMetadata         |      |           |         |          |         |
| 60010 - AssessmentExtension                        | Measure Student's Competence, Knowledge, Skills or Behavior                           | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - AssessmentPeriodDescriptor                 | Period Assessment is Administered   | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - PerformanceLevelDescriptor                 | Thresholds for Assessment Performance   | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - ObjectiveAssessment                        | Subtests that Assess Specific Learning Objectives                                     | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - AssessmentItem                             | Single Measures that Make Up an Assessment  | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - LearningObjective                          | Course Learning Objectives  | InterchangeAssessmentMetadata         | Y    |           |         |          |         |
| 60010 - LearningStandardExtension                  | Statement of the Expectation of a Student's Proficiency                               | InterchangeAssessmentMetadata         |      |           |         |          |         |
| Cohort Category                                    |   |                                       |      |           |         |          |         |
| 70010 - Cohort                                     | Designated Students for Tracking, Analysis, or Intervention                           | InterchangeStudentCohort              | Y    |           |         |          |         |
| 70010 - StaffCohortAssociation                     | Staff Associated with a Cohort of Students  | InterchangeStudentCohort              | Y    |           |         |          |         |
| 70010 - StudentCohortAssociation                   | Student's Cohort Designation  | InterchangeStudentCohort              | Y    |           |         |          |         |

## 2019-2020 Submission Timelines by Collection

| TSDS Collections  |                           |
|---|---------------------------|
| TSDS ready to load data to eDM  | August 5, 2019            |
| <b>PEIMS Fall Submission (Submission 1)</b>                             |                           |
| PEIMS Fall Submission ready for users to promote data                   | September 9, 2019         |
| Close of school-start window - Last Friday in September                 | September 27, 2019        |
| PEIMS Fall snapshot date  | October 25, 2019          |
| TSDS PEIMS ready for users to complete, approve, and accept submissions | October 28, 2019          |
| Requests to retire Unique IDs due at TEA                                | November 29, 2019         |
| <b>PEIMS Fall first submission due date for LEAs and ESCs</b>           | <b>December 5, 2019</b>   |
| Requests to retire Unique IDs due at TEA                                | January 10, 2020          |
| <b>PEIMS Fall resubmission due date for LEAs and ESCs</b>               | <b>January 16, 2020</b>   |
| PEIMS Fall data available to customers                                  | February 13, 2020         |
| <b>PEIMS Mid-Year Submission (Submission 2)</b>                         |                           |
| PEIMS Mid-Year Submission ready for users to promote data               | November 11, 2019         |
| TSDS PEIMS ready for users to complete, approve, and accept submissions | December 9, 2019          |
| <b>PEIMS Mid-Year first submission due date for LEAs and ESCs</b>       | <b>January 30, 2020</b>   |
| <b>PEIMS Mid-Year resubmission due date for LEAs and ESCs</b>           | <b>February 13, 2020</b>  |
| PEIMS Mid-Year data available to customers                              | March 5, 2020             |
| <b>PEIMS Summer Submission (Submission 3)</b>                           |                           |
| PEIMS Summer Submission ready for users to promote data                 | March 2, 2020             |
| TSDS PEIMS ready for users to complete, approve, and accept submissions | May 18, 2020              |
| Requests to retire Unique IDs due at TEA                                | June 12, 2020             |
| <b>PEIMS Summer first submission due date for LEAs</b>                  | <b>June 18, 2020</b>      |
| Requests to retire Unique IDs due at TEA                                | July 10, 2020             |
| <b>PEIMS Summer resubmission due date for LEAs *</b>                    | <b>July 16, 2020 *</b>    |
| PEIMS Summer data available to customers                                | September 17, 2020        |
| <b>PEIMS Extended Year Submission (Submission 4) if applicable</b>      |                           |
| PEIMS Extended Year Submission ready for users to promote data          | March 24, 2020            |
| TSDS PEIMS ready for users to complete, approve, and accept submissions | August 5, 2020            |
| Requests to retire Unique IDs due at TEA                                | August 21, 2020           |
| <b>PEIMS Extended Year first submission due date for LEAs</b>           | <b>August 27, 2020</b>    |
| Requests to retire Unique IDs due at TEA                                | September 11, 2020        |
| <b>PEIMS Extended Year resubmission due date for LEAs</b>               | <b>September 17, 2020</b> |
| PEIMS Extended Year data available to customers                         | October 15, 2020          |

| <b>Early Childhood Data System Collection (ECDS) - Kindergarten Submission</b>                      |                                  |
|---|----------------------------------|
| ECDS Kindergarten ready for users to promote data   | November 11, 2019                |
| <b>ECDS Kindergarten submission due date for LEAs</b>   | <b>January 30, 2020</b>          |
| ECDS Kindergarten data available to customers   | February 13, 2020                |
| <b>Early Childhood Data System Collection (ECDS) - Prekindergarten Submission</b>                   |                                  |
| ECDS Prekindergarten ready for users to promote data  | November 11, 2019                |
| <b>Private Prekindergarten application deadline for BPD (Business Partner Directory) Org number</b> | <b>May 28, 2020</b>              |
| <b>ECDS Prekindergarten submission due date for LEAs and Private Prekindergarten Organizations</b>  | <b>June 18, 2020</b>             |
| ECDS Prekindergarten data available to customers  | July 30, 2020                    |
| <b>Residential Facility Tracker (RF Tracker) Collection</b>   |                                  |
| RF Tracker ready for users to promote data  | September 9, 2019                |
| RF Tracker ready for users to complete  | May 18, 2020                     |
| <b>RF Tracker submission due date for LEAs</b>  | <b>July 30, 2020</b>             |
| RF Tracker data available to customers  | August 13, 2020                  |
| <b>State Performance Plan Indicator 14 (SPPI-14) Collection</b>                                     |                                  |
| SPPI-14 ready for users to promote data   | September 9, 2019                |
| SPPI-14 ready for users to complete   | October 28, 2019                 |
| <b>SPPI-14 submission due date for LEAs</b>   | <b>February 20, 2020</b>         |
| <b>Class Roster Collection</b>  |                                  |
| Class Roster Fall snapshot date – Last Friday in September  | Postponed until 2020-2021        |
| <b>Class Roster Fall Submission due date for LEAs</b>   | <b>Postponed until 2020-2021</b> |
| Class Roster Winter ready for users to promote data   | January 27, 2020                 |
| Class Roster Winter snapshot date – Last Friday in February   | February 28, 2020                |
| Class Roster ready for users to complete  | February 28, 2020                |
| <b>Class Roster Winter Submission due date for LEAs</b>   | <b>March 19, 2020</b>            |
| Class Roster Winter data available to customers   | April 2, 2020                    |

\* LEAs registered with TEA with year-round tracks ending later than June 18, 2020 may delay PEIMS Summer resubmission until two weeks following completion of the latest year-round track or August 13, 2020, whichever comes first. However, the initial data delivery for submission 3 must still be made by June 18, 2020, for all LEAs. In no case will any resubmission be processed after August 13, 2020. Data Corrections made after August 13, 2020 will be processed by State Funding.

## 2019-2020 Submissions Sorted by Due Date

|                    |   |
|--------------------|---|
| December 5, 2019   | PEIMS Fall first submission due date for LEAs and ESCs                                      |
| January 16, 2020   | PEIMS Fall resubmission due date for LEAs and ESCs  |
| January 30, 2020   | PEIMS Mid-Year first submission due date for LEAs and ESCs                                  |
| January 30, 2020   | ECDS Kindergarten submission due date for LEAs  |
| February 13, 2020  | PEIMS Mid-Year resubmission due date for LEAs and ESCs                                      |
| February 20, 2020  | SPPI-14 submission due date for LEAs  |
| March 19, 2020     | Class Roster Winter Submission due date for LEAs  |
| June 18, 2020      | PEIMS Summer first submission due date for LEAs   |
| June 18, 2020      | ECDS Prekindergarten submission due date for LEAs and Private Prekindergarten Organizations |
| July 16, 2020 *    | PEIMS Summer resubmission due date for LEAs *   |
| July 30, 2020      | RF Tracker submission due date for LEAs   |
| August 27, 2020    | PEIMS Extended Year first submission due date for LEAs (if applicable)                      |
| September 17, 2020 | PEIMS Extended Year resubmission due date for LEAs (if applicable)                          |

\* LEAs registered with TEA with year-round tracks ending later than June 18, 2020 may delay PEIMS Summer resubmission until two weeks following completion of the latest year-round track or August 13, 2020, whichever comes first. However, the initial data delivery for submission 3 must still be made by June 18, 2020, for all LEAs. In no case will any resubmission be processed after August 13, 2020. Data Corrections made after August 13, 2020 will be processed by State Funding.

## Data Submission Responsibilities

### Local Education Agency Responsibilities

Local Education Agencies are responsible for:

1. Submitting current, complete, and accurate data for all XML complex types required for each PEIMS and TSDS Submission (the Dashboard data collection is optional);
2. Validating data per business rules and validations;
3. Correcting all errors during the data validation process in a timely manner; and
4. Delivering “fatal-free” corrected PEIMS and TSDS Submission data on or before the due dates set by their ESCs and TEA.

ESCs may establish earlier due dates to allow sufficient submission time to process and approve LEA data before the TEA deadline for each PEIMS and TSDS Submission (see the *Submission Timelines*). ESCs approve “fatal free” LEA data only and will notify LEAs when their data have been approved and made available to TEA for further processing.

**Superintendents** are responsible for submitting the electronic "Superintendent's Statement of Approval of Summary Report and Error Listing" (SOA) for each PEIMS Submission and resubmission based on the final review of the LEA's PEIMS data file.

This responsibility may not be delegated or shared with another person who is not the superintendent or who is not acting in the role with the responsibility of a superintendent of the LEA.

The electronic signature (SOA) certifies:

1. The LEA has submitted all required PEIMS data with zero fatal errors;
2. The LEA has verified the accuracy and the authenticity of the PEIMS data submitted for the collection;
3. The PEIMS data presented in the summary reports and all warning messages in the validation error listing have been reviewed for accuracy; and
4. The accuracy and authenticity of the PEIMS data submitted for the collection.

The electronically signed form is stored on a secured TEA server and a copy is emailed to the superintendent and to the LEA and ESC PEIMS Coordinators.

### PEIMS Submission and Resubmission Policy

Local education agencies are required to send complete and accurate PEIMS data, free of fatal errors, by the first submission deadline for each data submission as specified in the 2019-2020 Submission Timelines by Collection.

The PEIMS data must be approved by the superintendent and accepted by the LEA's Education Service Center PEIMS Coordinator before it can be accepted by TEA.

Failure to submit PEIMS data for a collection will result in the LEA being referred to the TEA General Counsel for further action. LEAs may also be subject to Texas Administrative Code (TAC) 19 97.1055 (b)(2)(A)(ii) if the first submission is complete and received.

LEAs are not required to send a resubmission of PEIMS data. The period between the first submission and the resubmission deadlines is an extension provided to all LEAs to review their original submission for any errors and make corrections.

If an LEA does not submit data during the resubmission window, or if the data is not free of fatal errors, TEA will use the PEIMS data sent for the first submission.

Immediately following the closure of a collection, the approved PEIMS data is loaded to TEA databases and made available to agency staff for state and federal reporting. TEA programs use PEIMS data to create products such as Standard Reports and Core products, accountability reports, dropout reports, *Snapshot*, Texas Academic Performance Reports (TAPR) reports, and School Report Cards. Any PEIMS data not submitted by the submission or resubmission deadlines are excluded from these important products.

All LEAs must meet the published first submission deadline for PEIMS Submission 3. Resubmissions for PEIMS Submission 3 are due by the published deadline, with the single exception of LEAs operating year-round schools. An LEA that provides year-round education can delay its one resubmission until two weeks following the end of its latest year-round school track, or until August 13, 2020, whichever comes first.

### **ESC Contacts**

Questions concerning the TSDS Texas Education Data Standards (TEDS) or any of the above topics must be submitted through the TSDS Incident Management System (TIMS). Direct phone calls and emails may be redirected to the TSDS TIMS application.

### **Education Service Center Responsibilities**

ESCs are responsible for the following with regards to the PEIMS Collection:

1. Assisting LEAs with their PEIMS data submissions to the TSDS PEIMS system in order to meet published deadlines;
2. Using data validation rules and PEIMS reports to review data submitted by LEAs;
3. Verifying that LEA submissions contain PEIMS data for all categories required by the collections;
4. Ensuring that all fatal errors are corrected;
5. Approving the PEIMS data in the format specified in this section, by the specified due dates for each collection;
6. Notifying LEAs when the LEA PEIMS data have been approved and made available for further processing by TEA;
7. Submitting current, complete, and accurate ESC PEIMS data for all applicable categories required for the Fall and Mid-Year Collections;
8. Validating ESC PEIMS data per the data validation rules in the TEDS; and
9. Delivering "fatal-free" corrected PEIMS data on or before the due dates set by TEA.

ESCs are responsible for the following with regards to TSDS Collections (i.e. ECDS, SPPI-14, and Class Roster):

1. Assisting LEAs with their TSDS data submissions to the TSDS system in order to meet published deadlines;
2. Using data validation rules, the guidance from Section 2 TEDS, and LEA error reports to review data submitted by LEAs;
3. Verifying that LEA submissions include data for all categories required by the collections;
4. Ensuring that all fatal errors are corrected;

**ESC Executive Directors** are responsible for submitting the electronic "Superintendent's Statement of Approval of Summary Report and Error Listing" (SOA) for each submission and resubmission based on the final review of the ESCs PEIMS data file.

The electronic signature (SOA) certifies:

1. The ESC has submitted all required PEIMS data with zero fatal errors;
2. The ESC has verified the accuracy and the authenticity of the PEIMS data submitted for the collection;
3. The PEIMS data presented in the summary reports and all warning messages in the validation error listing have been reviewed for accuracy; and
4. The accuracy and authenticity of the PEIMS data submitted for the collection.

The electronically signed form is stored on a secured TEA server and a copy is emailed to the executive director and ESC PEIMS Coordinators.

To facilitate accuracy and timely PEIMS and TSDS data delivery, the ESCs

1. Explain the overall data collection requirements for PEIMS, Unique ID Database (UID) Enrollment Tracking, and TSDS to appropriate LEA personnel;
2. Train LEAs to adequately meet the PEIMS and TSDS data submission requirements; and
3. Train LEA personnel on TSDS Unique ID error corrections in order to meet ensure that accurate student and staff identity and demographic information is submitted.



The ESC training covers:

1. Overall data flow;
2. Delivery schedules;
3. Data element definitions and reporting requirements;
4. Data submission formats;
5. Data validation requirements;
6. Correction cycles;
7. Approval of the summary report and error listing;
8. Operations of the Education Data Warehouse (EDW) data collection system;
9. Operations of the UID Enrollment Tracking system; and
10. TSDS Unique ID corrections.

The ESCs play a consulting role to assist LEAs in preparing the PEIMS and TSDS data submissions and to ensure data quality and compliance with the schedules. The ESCs designate a contact person and an alternate who coordinate ESC assistance by:

1. Answering questions about TEDS;
2. Organizing the data submission schedules (PEIMS and UID Enrollment Tracking);
3. Answering questions about the validation and summary reports;
4. Organizing the error correction schedule; and

### **Special Instructions for Shared Services Arrangements**

An ESC that serves as a fiscal agent for a shared services arrangement reports the data for the shared services arrangement. The instructions for reporting shared services arrangement data found in Section 2.2 also apply for ESC fiscal agents.

### **Texas Education Agency Responsibilities**

The Texas Education Agency is responsible for:

1. Facilitating the instructional process;
2. Explaining the overall data requirements to ESC personnel; and
3. Assisting ESCs in understanding the data requirements.
4. Supporting the ESCs during the PEIMS and TSDS Submissions.

To facilitate the data validation process, TEA provides the ESCs, software vendors, and LEAs with a standard data validation and reporting system. The Ed-Fi Core and Texas Core Extension XML Schemas and validation reports, available through the Education Data Warehouse (EDW), ensure consistent use of business rules for data validation. Changes or additions to the TEDS can be incorporated through modifications to the business rules.

Specifically, TEA provides:

- A common XML schema
- Data reporting requirements
- Data Validation criteria
- Code tables
- Data Validation Reports and
- User documentation and training to each Regional ESC.

There are three data validation error levels:

1. Fatal error - Indicates a critical error in the data. Neither an LEA nor an ESC can mark data “complete” with fatal error(s). Data with a fatal error(s) will not be accepted by TEA for any TSDS collection and must be corrected.
2. Special warning error - Indicates a discrepancy in the data that must be scrutinized carefully. In unusual situations, the data is correct.
3. Warning error - Indicates a possible error or inconsistency. A Warning error must be reviewed for data accuracy.

## **The Education Data Warehouse**

The Education Data Warehouse (EDW) is a single resource for Texas local education agencies, campuses and Education Service Centers to upload their data in a standard format for use with multiple applications.

PEIMS and the Core Collection are web-based applications through which LEAs, campuses, and ESCs submit their data for state reporting from the EDW, generate reports, review, validate, and certify the data for mandatory state reporting.

The PEIMS Data Mart (PDM) and the Core Collection Data Mart (CCDM) are used to:

- Generate the LEA's data from the EDW that is required for state reporting,
- Generate validation reports,
- Determine fatal errors,
- Derive data for state reporting,
- Establish consistent identification and demographic information through matching reported data values to the UID.

## **Access to TSDS**

The TSDS system is only available to authorized LEA, campus, and ESC staff. A TEA issued logon is required to access the system.