2016-2017

**Texas Education Data Standards
(TEDS)**

Section 1

Data Submission Specifications & Responsibilities

Preliminary Version 2017.P.1.0

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Prepared by: Statewide Education Data Systems (SEDS) Business Management Division

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Data Submission Specifications

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

Interchange schemas are specific data exchange schemas that are composed from the choice of elements available in the Ed-Fi Core and Texas Core Extension interchange schemas. These interchange schemas will allow users to load specific data sets to the EDW.

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

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

The submission descriptions for the data collections are divided as follows:

- PEIMS Collection 1 represents the state of the LEA as of the 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.

- PEIMS Collection 2 is a report of actual financial data for the prior school year.

- PEIMS Collection 3 includes yearlong student attendance, course completion, disciplinary actions, restraint events, course sections, and teacher class assignments.

- PEIMS Collection 4 includes student extended year services, flexible attendance, and dual credit course completion.

- TSDS Collection 5 includes data LEAs will use for required state and federal reporting and view in the studentGPS™ Dashboards which is optional.

General Requirements:

- Data will be submitted in an XML format as defined in TEDS.

- Once the PEIMS data is validated and fatal free, it can be submitted to TEA.

- Once the TSDS data passes validation, the data is used by the LEAs for required state and federal reporting and viewed in the studentGPS™ Dashboards which is optional.

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: 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 shall 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 shall 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 will use for required state and federal reporting and views in the studentGPS™ Dashboards which is optional.

Timestamp: The timestamp is a date in YYYYMMDDHHMM format (e.g. 201406021015). The Timestamp shall 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.

3. **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

1. 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

2. **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">

Data Load Timelines

The timelines for loading data to the ODS are outlined as follows:

- Dashboard load times will be limited to the following daily schedule:
  - The Dashboard Data Mart processes run nightly. In order to accommodate these processes, the ODS will not process any xml files submitted between 6:00 PM and 7:00 AM
  - Monday thru Thursday, InterchangeStudentGradeExtension xml files will not be loaded into the ODS. These files are massive in size and will be loaded only on Fridays.
- PEIMS load times are not limited. You will be able to load PEIMS data to the ODS at any time.

Hardware Requirements

To load data to the EDW, a server is needed to store the interchange xml files that are extracted from the LEAs 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 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.

ComplexType	Description	Category	TSDS	PEIMS 1 Fall	PEIMS 2 MY	PEIMS 3 Sum	PEIMS 4 EY
InterchangeEducationOrganizationExtension							
StateEducationAgency	*State Education Agency*	*Education Organization*					
EducationServiceCenter	Education Service Center	Education Organization		Y	Y		
FeederSchoolAssociation	*Feeder Campus*	*Education Organization*					
LocalEducationAgencyExtension	School District and Charter Schools	Education Organization	Y	Y	Y	Y	Y
School	Campus	Education Organization	Y	Y	Y	Y	Y
Location	Education Organization Location	Education Organization	Y				
ClassPeriod	Class Periods	Education Organization	Y			Y	
Course	Campus Course Section	Education Organization	Y	Y		Y	Y
CompetencyLevelDescriptor	*Assessed Competencies*	*Education Organization*					
Program	Programs	Education Organization	Y				
InterchangeEducationOrgCalendarExtension							
Session	Prescribed Span of Time for an Education Organization	Education Organization	Y				
GradingPeriod	Time span for Reporting Grades	Education Organization	Y				
CalendarDateExtension	Day in the School Calendar	Education Organization	Y			Y	
ReportingPeriodExtension	Time Period for Attendance	Education Organization				Y	
AcademicWeek	*Academic Weeks for School Year*	*Education Organization*					
InterchangeMasterScheduleExtension							
CourseOffering	Campus Course Offerings	Education Organization	Y			Y	Y
SectionExtension		Campus Course Section Education Organization Student	Y			Y	Y
BellSchedule	*Campus Bell Schedule*	*Education Organization*					

ComplexType	Description	Category	TSDS	PEIMS 1 Fall	PEIMS 2 MY	PEIMS 3 Sum	PEIMS 4 EY
MeetingTime	*Meeting time for the class*	*Education Organization*					
InterchangeStudentExtension							
StudentExtension	Student ID and Demographics	Student		Y		Y	Y
InterchangeStudentParentExtension							
StudentExtension	Student ID and Demographics	Student	Y				
Parent	Student's Parent Information	Student	Y				
StudentParentAssociation	Relates Students to Parents	Student	Y				
InterchangeStudentEnrollmentExtension							
StudentSchoolAssociationExtension	Campus Enrollment and Withdrawal	Student	Y	Y		Y	Y
StudentSectionAssociation	Student Section Enrollment	Campus Course Section Student	Y			Y	Y
CareerAndTechnicalEducationCourseExtension	Student Career and Technical Education (CTE) Course	Student		Y			
GraduationPlan	Student Graduation Plan	Student	Y				
SchoolLeaverExtension	Student leavers in grades 7-12 during the prior school year	Student		Y			
StudentGraduationProgramExtension	Students that are pursuing or have completed a graduation program such as the FHSP.	Student		Y		Y	
InterchangeStaffAssociationExtension							
StaffExtension	Staff ID and Demographics	Staff	Y	Y		Y	
StaffEducationOrgEmploymentAssociationExtension	Staff Employment	Staff	Y	Y		Y	
StaffEducationOrgAssignmentAssociationExtension	Staff Responsibility	Staff	Y			Y	
StaffProgramAssociation	*Staff Associated with a Program*	*Staff*					

StaffResponsibilitiesExtension	Staff associated with their responsibilities within the LEA and/or school	Staff		Y	

				PEIMS			
ComplexType	**Description**	**Category**	**TSDS**	**1 Fall**	**2 MY**	**3 Sum**	**4 EY**
TeacherExtension	Staff Responsibility –Instructional Staff only	Staff	Y				
TeacherSchoolAssociation	Teacher Campus of Service	Staff	Y				
TeacherSectionAssociationExtension	Teacher Section Assignment	Campus Course Section Staff	Y			Y	
ContractedInstructionalStaffFTEExtension	Number Contract Staff by Program Intent	Staff		Y			
PayrollExtension	Staff Pay	Staff		Y			
LeaveEvent	Staff Leave Event	Staff	Y				
OpenStaffPosition	*Open Staff Position(s)*	*Staff*					
CredentialFieldDescriptor	Teacher Fields of Certification	Staff	Y				
InterchangeStudentAttendanceExtension							
AttendanceEvent	Student Daily Attendance	Student	Y				
BasicReportingPeriodAttendanceExtension	Student Basic Attendance by Reporting Period	Student				Y	
SpecialProgramsReportingPeriodAttendanceExtension	Student Special Programs Attendance by Reporting Period	Student				Y	Y
InterchangeStudentDisciplineExtension							
DisciplineIncidentExtension	Student Disciplinary Action Reason	Student	Y			Y	
StudentDisciplineIncidentAssociationExtension	Student Disciplinary Incident	Student	Y			Y	
DisciplineActionExtension	Student Disciplinary Action	Student	Y			Y	
BehaviorDescriptor	Categories of Behavior	Student	Y				
DisciplineDescriptor	Type of Action or Removal	Student	Y				
StudentTruancyExtension	Student Truancy	Student				Y	

InterchangeStudentGradeExtension

StudentAcademicRecord	Cumulative Record of Academic Achievement for a Student	Student	Y			
CourseTranscriptExtension	Student Course Completion	Student	Y		Y	Y

				PEIMS			
ComplexType	**Description**	**Category**	**TSDS**	**1 Fall**	**2 MY**	**3 Sum**	**4 EY**
ReportCard	*Student Grades for Courses Taken*	*Student*					
Grade	Student Course Grades	Student	Y				
StudentCompetency	*Student Competency Assessed Against Specific Learning Objective*	*Student*					
Diploma	*Graduates*	*Student*					
GradebookEntry	*Teacher's Assessment*	*Student*					
StudentGradebookEntry	*Student Grade or Competency Level*	*Student*					
CompetencyLevelDescriptor	*Assessed Compentencies*	*Student*					
LearningObjective (InterchangeStudentGradeExtension)	*Course Learning Objectives*	*Student*					
StudentCompetencyObjective	*Additional Student Competencies for Student Achievement*	*Student*					
InterchangeStudentTranscriptExtension							
StudentAcademicRecord	Cumulative Record of Academic Acheivement for a Student	Student	Y			Y	Y
CourseTranscriptExtension	Student Course Completion	Student	Y			Y	Y

ComplexType	Description	Category	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
InterchangeStudentProgramExtension							
StudentProgramExtension	Student Programs	Student		Y		Y	Y
StudentProgramAssociation	Student Program Participation	Student	Y				
StudentBilingualProgramAssociationExtension	Student BIL Program	Student	Y				
StudentCTEProgramAssociationExtension	Student CTE Program	Student	Y	Y			
StudentESLProgramAssociationExtension	Student ESL Program	Student	Y				
StudentESYProgramAssociationExtension	Student ESY Program	Student					Y
StudentSpecialEdProgramAssociationExtension	Student Special Ed Program	Student	Y	Y			
StudentTitleIPartAProgramAssociationExtension	Student Title I Part A Program	Student	Y			Y	
ServiceDescriptor	Services provided to populations of students associated with a program	Student	Y				
InterchangeAssessmentMetadataExtension							
AssessmentFamily	*Association of Assessments that Share a Common Purpose, Heritage, or Content Standard*	*Assessment*					
AssessmentExtension	Measure Student's Competence, Knowledge, Skills or Behavior	Assessment	Y				
AssessmentPeriodDescriptor	Period Assessment is Administered	Assessment	Y				
PerformanceLevelDescriptor	Thresholds for Assessment Performance	Assessment	Y				
ObjectiveAssessment	Subtests that Assess Specific Learning Objectives	Assessment	Y				
AssessmentItem	Single Measures that Make Up an Assessment	Assessment	Y				
LearningObjective	Course Learning Objectives	Assessment	Y				
LearningStandardExtension	*Statement of the Expectation of a Student's Proficiency*	*Assessment*	*Learning standards will be loaded by TEA for all LEAs using TEKS.*				

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ComplexType	Description	Category	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
InterchangeStudentAssessment							
StudentReference	Reference to the Student	Student	Y				
AssessmentReference	Reference to the Assessment	Student	Y				
StudentAssessment	Assessment Scoring	Student	Y				
StudentObjectiveAssessment	Student Raw Score for Objective Assessment	Student	Y				
StudentAssessmentItem	Assessment Response	Student	Y				
InterchangeStudentCohort							
Cohort	Designated Students for Tracking, Analysis, or Intervention	Cohort	Y				
StudentCohortAssociation	Student's Cohort Designation	Cohort	Y				
StaffCohortAssociation	Staff Associated with a Cohort of Students	Cohort	Y				
InterchangeSSAOrganizationAssociationExtension							
SSAOrgAssociationExtension	Shared Service Arrangement Fiscal Agent	Education Organization		Y	Y		
InterchangeFinanceExtension							
ActualExtension	Educational Organization's Actuals	Finance			Y		
BudgetExtension	Educational Organization's Budget	Finance		Y			
SharedServiceArrangementExtension	Shared Service Arrangement Members	Finance			Y		
InterchangeStudentRestraintEventExtension							
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 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.

ComplexType	Description	InterchangeSchema	TSDS	PEIMS 1 Fall	2 MY	3 Sum	4 EY
Education Organization Category							
StateEducationAgency	*State Education Agency*	*InterchangeEducationOrganizationExtension*					
EducationServiceCenter	Education Service Center	InterchangeEducationOrganizationExtension		Y	Y		
LocalEducationAgencyExtension	School District and Charter Schools	InterchangeEducationOrganizationExtension	Y	Y	Y	Y	Y
SSAOrgAssociationExtension	Shared Service Arrangement Fiscal Agent	InterchangeSSAOrganizationAssociationExtension		Y	Y		
School	Campus	InterchangeEducationOrganizationExtension	Y	Y	Y	Y	Y
FeederSchoolAssociation	*Feeder Campus*	*InterchangeEducationOrganizationExtension*					
Location	Education Organization Location	InterchangeEducationOrganizationExtension	Y				
ClassPeriod	Class Periods	InterchangeEducationOrganizationExtension	Y			Y	
BellSchedule	*Campus Bell Schedule*	*InterchangeMasterScheduleExtension*					
SectionExtension	Course Sections	InterchangeMasterScheduleExtension	Y			Y	Y
CourseOffering	Campus Course Offerings	InterchangeMasterScheduleExtension	Y			Y	Y
MeetingTime	*Meeting time for the class*	*InterchangeMasterScheduleExtension*					
Course	Campus Course Section	InterchangeEducationOrganizationExtension	Y	Y		Y	Y
CompetencyLevelDescriptor	*Assessed Competencies*	*InterchangeEducationOrganizationExtension*					
Program	Programs	InterchangeEducationOrganizationExtension	Y				
Session	Prescribed Span of Time for an Education Organization	InterchangeEducationOrgCalendar	Y				
AcademicWeek	*Academic Weeks for School Year*	*InterchangeEducationOrgCalendar*					
CalendarDateExtension	Day in the School Calendar	InterchangeEducationOrgCalendar	Y			Y	
GradingPeriod	Time span for Reporting Grades	InterchangeEducationOrgCalendar	Y				
Finance Category							

ComplexType	Description	InterchangeSchema	TSDS	PEIMS 1 Fall	2 MY	3 Sum	4 EY
BudgetExtension	Educational Organization's Budget	InterchangeFinanceExtension		Y			
ActualExtension	Educational Organization's Actuals	InterchangeFinanceExtension			Y		
SharedServiceArrangementExtension	Shared Service Arrangement Members	InterchangeFinanceExtension			Y		
Staff Category							
StaffExtension	Staff ID and Demographics	InterchangeStaffAssociationExtension	Y	Y		Y	
CredentialFieldDescriptor	Teacher Fields of Certification	InterchangeStaffAssociationExtension	Y				
StaffEducationOrgEmploymentAssociationExtension	Staff Employment	InterchangeStaffAssociationExtension	Y	Y		Y	
ContractedInstructionalStaffFTEExtension	Number Contract Staff by Program Intent	InterchangeStaffAssociationExtension		Y			
PayrollExtension	Staff Pay	InterchangeStaffAssociationExtension		Y			
StaffResponsibilitiesExtension	Staff associated with their responsibilities within the LEA and/or school	InterchangeStaffAssociationExtension		Y			
StaffEducationOrgAssignmentAssociationExtension	Staff Responsibility	InterchangeStaffAssociationExtension	Y			Y	
TeacherSectionAssociationExtension	Teacher Section Assignment	InterchangeStaffAssociationExtension	Y			Y	
TeacherExtension	Staff Responsibility –Instructional Staff only	InterchangeStaffAssociationExtension	Y				
StaffProgramAssociation	*Staff Associated with a Program*	*InterchangeStaffAssociationExtension*					
LeaveEvent	Staff Leave Event	InterchangeStaffAssociationExtension	Y				
OpenStaffPosition	*Open Staff Position(s)*	*InterchangeStaffAssociationExtension*					
TeacherSchoolAssociation	Teacher Campus of Service	InterchangeStaffAssociationExtension	Y				
Student Category							
StudentExtension	Student ID and Demographics	InterchangeStudentExtension	Y	Y		Y	Y
StudentSchoolAssociationExtension	Campus Enrollment and Withdrawal	InterchangeStudentEnrollmentExtension	Y	Y		Y	Y

ComplexType	Description	InterchangeSchema	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
StudentSectionAssociation	Student Section Enrollment	InterchangeStudentEnrollmentExtension	Y			Y	Y
StudentProgramExtension	Student Programs	InterchangeStudentProgramExtension		Y		Y	Y
StudentProgramAssociation	Student Program Participation	InterchangeStudentProgramExtension	Y				
StudentBilingualProgramAssociation Extension	Student BIL Program	InterchangeStudentProgramExtension	Y				
StudentESLProgramAssociationExtension	Student ESL Program	InterchangeStudentProgramExtension	Y				
ServiceDescriptor	Services provided to populations of students associated with a program	InterchangeStudentProgramExtension	Y				
CareerAndTechnicalEducationCourse Extension	Student Career and Technical Education (CTE) Course	InterchangeStudentEnrollmentExtension		Y			
SchoolLeaverExtension	Student leavers in grades 7-12 during the prior school year	InterchangeStudentEnrollmentExtension		Y			
StudentCTEProgramAssociationExtension	Student CTE Program	InterchangeStudentProgramExtension	Y	Y			
StudentSpecialEdProgramAssociationExtension	Student Special Ed Program	InterchangeStudentProgramExtension	Y	Y		Y	
StudentTitleIPartAProgramAssociationExtension	Student Title I Part A Program	InterchangeStudentProgramExtension	Y			Y	
BasicReportingPeriodAttendanceExtension	Student Basic Attendance by Reporting Period	InterchangeStudentAttendanceExtension				Y	
SpecialProgramsReportingPeriodAttendanceExtension	Student Special Programs Attendance by Reporting Period	InterchangeStudentAttendanceExtension			Y	Y	
AttendanceEvent	Student Daily Attendance	InterchangeStudentAttendanceExtension	Y				
StudentESYProgramAssociationExtension	Student ESY Program	InterchangeStudentProgramExtension					Y
CourseTranscriptExtension		InterchangeStudentGradeExtension	Y			Y	Y
StudentDisciplineIncidentAssociation Extension	Student Disciplinary Incident	InterchangeStudentDisciplineExtension	Y			Y	

ComplexType	Description	InterchangeSchema	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
DisciplineActionExtension	Student Disciplinary Action	InterchangeStudentDisciplineExtension	Y			Y	
DisciplineIncidentExtension	Student Disciplinary Action Reason	InterchangeStudentDisciplineExtension	Y			Y	
BehaviorDescriptor	Categories of Behavior	InterchangeStudentDisciplineExtension	Y				
DisciplineDescriptor	Type of Action or Removal	InterchangeStudentDisciplineExtension	Y				
RestraintEventExtension	Student Restraint Event	InterchangeStudentRestraintEventExtension				Y	
StudentReference	Reference to the Student	InterchangeStudentAssessment	Y				
AssessmentReference	Reference to the Assessment	InterchangeStudentAssessment	Y				
StudentAssessment	Assessment Scoring	InterchangeStudentAssessment	Y				
StudentObjectiveAssessment	Student Raw Score for Objective Assessment	InterchangeStudentAssessment	Y				
StudentAssessmentItem	Assessment Response	InterchangeStudentAssessment	Y				
StudentAcademicRecord	Cumulative Record of Academic Achievement for a Student	InterchangeStudentGradeExtension	Y			Y	Y
ReportCard	*Student Grades for Courses Taken*	*InterchangeStudentGradeExtension*					
Grade	Student Course Grades	InterchangeStudentGradeExtension	Y				
StudentCompetency	*Student Competency Assessed Against Specific Learning Objective*	*InterchangeStudentGradeExtension*					
Diploma	*Graduates*	*InterchangeStudentGradeExtension*					
GradebookEntry	*Teacher's Assessment*	*InterchangeStudentGradeExtension*					
StudentGradebookEntry	*Student Grade or Competency Level*	*InterchangeStudentGradeExtension*					
CompetencyLevelDescriptor	*Assessed Compentencies*	*InterchangeStudentGradeExtension*					
LearningObjective (InterchangeStudentGradeExtension)	*Course Learning Objectives*	*InterchangeStudentGradeExtension*					
StudentCompetencyObjective	*Additional Student Competencies for Student Achievement*	*InterchangeStudentGradeExtension*					

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ComplexType	Description	InterchangeSchema	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
GraduationPlan	Student Graduation Plan	InterchangeStudentEnrollmentExtension	Y				
StudentGraduationProgramExtension	Students that are pursuing or have completed a graduation program such as the FHSP.	InterchangeStudentEnrollmentExtension		Y		Y	
Parent	Student's Parent Information	InterchangeStudentParentExtension	Y				
StudentParentAssociation	Relates Students to Parents	InterchangeStudentParentExtension	Y				
Campus Course Section Category							
SectionExtension	Course Sections	InterchangeMasterScheduleExtension	Y			Y	Y
StudentSectionAssociation	Student Section Enrollment	InterchangeStudentEnrollmentExtension	Y			Y	Y
TeacherSectionAssociationExtension		InterchangeStaffAssociationExtension	Y			Y	
Assessment Category							
Assessment	Measure Student's Competence, Knowledge, Skills or Behavior	InterchangeAssessmentMetadata	Y				
AssessmentPeriodDescriptor	Period Assessment is Administered	InterchangeAssessmentMetadata	Y				
AssessmentFamily	*Association of Assessments that Share a Common Purpose, Heritage, or Content Standard*	*InterchangeAssessmentMetadata*					
AssessmentItem	Single Measures that Make Up an Assessment	InterchangeAssessmentMetadata	Y				
LearningStandardExtension	*Statement of the Expectation of a Student's Proficiency*	*InterchangeAssessmentMetadata*					
LearningObjective	Course Learning Objectives	InterchangeAssessmentMetadata	Y				
ObjectiveAssessment	Subtests that Assess Specific Learning Objectives	InterchangeAssessmentMetadata	Y				
PerformanceLevelDescriptor	Thresholds for Assessment Performance	InterchangeAssessmentMetadata	Y				

ComplexType	Description	InterchangeSchema	TSDS	PEIMS			
				1 Fall	2 MY	3 Sum	4 EY
Cohort Category							
Cohort	Designated Students for Tracking, Analysis, or Intervention	InterchangeStudentCohort	Y				
StaffCohortAssociation	Staff Associated with a Cohort of Students	InterchangeStudentCohort	Y				
StudentCohortAssociation	Student's Cohort Designation	InterchangeStudentCohort	Y				

2016-2017 Submission and Resubmission Timelines	
TSDS Collections	
TSDS ready to load data to eDM	**August 1, 2016**
TSDS PEIMS Collections	
All TSDS PEIMS Collections ready for users to load data to eDM	**August 1, 2016**
All TSDS PEIMS Collections ready for users to promote data	**August 1, 2016**
Fall (Collection 1)	
Close of school-start window - Last Friday in September	**September 30, 2016**
Snapshot Date	**October 28, 2016**
TSDS PEIMS ready for users to complete, approve, and accept submissions	**October 31, 2016**
Requests to retire Unique IDs due at TEA	**December 2, 2016**
First submission due date for LEAs and ESCs	**December 8, 2016**
Requests to retire Unique IDs due at TEA	**December 2, 2016**
Resubmission due date for LEAs and ESCs	**January 13, 2017**
Data available to customers	**February 16, 2017**
Midyear (Collection 2)	
TSDS PEIMS ready for users to complete, approve, and accept submissions	**December 19, 2016**
First submission due date for LEAs and ESCs	**January 26, 2017**
Resubmission due date for LEAs and ESCs	**February 9, 2017**
Data available to customers	**March 1, 2017**
Summer (Collection 3)	
TSDS PEIMS ready for users to complete, approve, and accept submissions	**May 22, 2017**
Requests to retire Unique IDs due at TEA	**June 16, 2017**
First submission due date for LEAs	**June 22, 2017**
Requests to retire Unique IDs due at TEA	**July 14, 2017**
Resubmission due date for LEAs*	**July 20, 2017 ***
Data available to customers	**September 14, 2017**
Extended Year (Collection 4)	
TSDS PEIMS ready for users to complete, approve, and accept submissions	**August 7, 2017**
Requests to retire Unique IDs due at TEA	**August 25, 2017**
First submission due date for LEAs	**August 31, 2017**
Requests to retire Unique IDs due at TEA	**September 15, 2017**
Resubmission due date for LEAs*	**September 21, 2017**
Data available to customers	**October 19, 2017**

* *LEAs registered with TEA with year-round tracks ending later than June 22,* 2017 *may delay resubmission until two weeks following completion of the latest year-round track or August 21, 2017, whichever comes first. However, the initial data delivery for submission 3 must still be made by June 22,* 2017, *for all LEAs. In no case will any resubmission be processed after August 21,* 2017. *Corrections made beyond August 21,* 2017 *will be handled 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 collection (the Dashboard data collection is optional);
2. Validating and editing data according to business rules and validations;
3. Correcting all errors during the data validation process in a timely manner; and
4. Delivering "fatal-free" corrected data on or before the due dates set by their ESCs and TEA.

ESCs establish due dates to allow sufficient time to process and approve LEA data before the TEA deadline for each collection (see the *Submission and Resubmission 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" (SAF) for each submission and resubmission based on the final review of the LEA's PEIMS data file.

The electronic signature (SAF) 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 edit 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 collection as specified in the *Submission and Resubmission Timelines.*

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

If an LEA does not submit a file during the resubmission window, or if the file 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*, AEIS 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 Collection 3. Resubmissions for Collection 3 are due by the published deadline, with the single exception of LEAs operating year-round schools. An LEA that provides year-round education is allowed to delay its one resubmission until two weeks following the end of its latest year-round school track, or until August 20, 2015, whichever comes first.

ESC Contacts

Questions concerning the *TSDS Texas Education Data Standards (TEDS)* or any of the above topics should be submitted through the TSDS Incident Management System (TIMS).

EDUCATION SERVICE CENTER RESPONSIBILITIES

ESCs are responsible for:

1. Assisting LEAs with their PEIMS data submissions to the TSDS PEIMS system in order to meet published deadlines;
2. Using edit rules in the *TEDS* to review data submitted by LEAs*;*
3. Verifying that LEA submissions contain PEIMS data for all categories required by the collections;
4. Insuring 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 categories required for the Fall and Midyear Collections;
8. Validating and editing ESC PEIMS data according to edit rules in the *TEDS*; and
9. Delivering "fatal-free" corrected PEIMS data on or before the due dates set by TEA.

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

The electronic signature (SAF) 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 edit 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 data delivery, the ESCs

1. Explain the overall data collection requirements for PEIMS and Person Enrollment Tracking (PET) to LEA personnel;
2. Train LEAs to adequately meet the PEIMS data submission requirements; and
3. Train LEA personnel on TSDS Unique ID error corrections in order to meet the PID Error Rate standard.

The ESC training covers:

1. Overall data flow;
2. Delivery schedules;
3. Data element definitions;
4. Data submission formats;
5. Editing 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 PID Enrollment Tracking (PET) system; and

10. TSDS Unique ID corrections.

The ESCs play a consulting role to assist LEAs in preparing the PEIMS 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 the *Data Standards*;
2. Organizing the data submission schedules (PEIMS and PET);
3. Answering questions about the edit and summary reports;
4. Organizing the error correction schedule; and
5. Initiating final approval of the LEA's submission to TEA.

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 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.

To facilitate the validation process, TEA provides the ESCs, PEIMS software vendors, and LEAs with a standard editing 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 edit rules. Specifically, TEA provides:

- A common XML schema
- Edit criteria
- Edit code tables
- Validation Reports and
- User documentation and training to each Regional ESC.

There are three categories of edits. The first category produces a fatal error. Neither an LEA nor an ESC can mark "complete" a file with fatal error(s). A file with a fatal error(s) will not be accepted by TEA for a PEIMS collection and must be corrected. The second type of edit produces a special warning error. A special warning error indicates a discrepancy in the data that must be scrutinized carefully. In unusual situations, the data are correct. The third category of edit produces a Warning error, which indicates a possible error or inconsistency.

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 is a web-based application through which LEAs, campuses, and ESC's 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 is used to generate the LEA's data in the EDW that is required for state reporting, generate validation reports; determine fatal errors; derive data for state reporting, and establish consistent identification and demographic information through matching reported data values to the Unique ID Database (UID). User documentation is available within the application in the form of online help and reference guides

Access to PEIMS

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

Only Superintendents or persons acting in the role and responsibility of a Superintendent may certify a PEIMS submission through the electronic Superintendent Approval Form (SAF). This responsibility may not be delegated or shared with a second person.