Texas Education Data Standards (TEDS)

Section 2.0
Data Submission Requirements
Introduction

Preliminary Version 2014.P.2.0

December 3, 2012

Prepared by: State Education Data Systems (SEDS) Team

Table of Contents

Data Submission Purpose

PEIMS

The data that is reported to the Public Education Information Management System (PEIMS) is used to analyze Texas public education data through data reports, evaluations, AEIS/Accountability ratings, and funding calculations.

Dashboards

The data is used to provide educators with timely, actionable, relevant measures of Education Organizations, Staff, and Student performance ("metrics") to determine the needs of the school and student. Making such information readily available to educators allows them to monitor student performance, see warning signs as well as growth opportunities early, and intervene appropriately to ensure each and every student avoids failure and reaches his or her full potential.

Data Submission Requirements

Data extracted from the LEA data systems(s) must be formatted according to the Texas Education Data Standards (TEDS) for submission purposes. Every LEA in the state will use the same XML formats to submit data. The LEA's data will be loaded to the Education Data Warehouse (EDW) where it will be subject to the business rules and validations prior to being certified by the LEA superintendent.

This section includes the Ed-Fi Core and Texas Core Extension Complex Type formats, which describe the contents of a particular Complex Type and the data elements that are required. Business rules, reporting requirements, and examples are also provided.

This section includes:

- Complex type data layouts, which show the relationship of data submissions to category types. Also described, for each category type, is information on data submission for the current school year for LEAs submission of data to the ESCs and ESCs submission of data to TEA;

  Asterisks (**) that appear in the complex type data layouts indicate that there is a complex type within a complex type. The Element Ids that are indented identify the data elements that are part of the complex type denoted with asterisks (**).

  Data rows that are in gray and italicized represent interchange schemas, complex types and data elements that are part of the Ed-Fi Core Schema, but not for Texas use at this time.

- Category type discussions which describe information related to each particular record type;
- Data submission samples, which provide samples of how to submit the data for each category.

PEIMS

PEIMS data consists of five categories: education organization, finance (budget, payroll, and actual), campus course section, staff, and student.

Local education agencies (LEAs) and Education Service Centers (ESCs) will transmit their PEIMS data collection to the Education Data Warehouse (EDW) using one or more Interchange Schemas drawn from the Ed-Fi Core and Texas Core Extension Schemas. LEAs are urged to think of PEIMS reporting requirements in terms of the transmission of sets of data rather than sending fixed column records.

These interchange schemas are mandatory for data submission for each local education agency (LEA), and education service centers (ESCs) when submitting PEIMS data to the Texas Education Agency (TEA). Throughout the TEDS documentation, local education agencies will be referred to as LEAs. Education service centers will be referred to as ESCs.

Data extracted from a LEAs student information system (SIS), whether automated or not, must be formatted according to the specified interchange schema for each PEIMS submission. Every LEA and ESC in the state will use the same record layout to submit data, regardless of the degree of sophistication of its SIS and/or data processing facility.

The school district's data files will be processed through the PEIMS data editor when loaded to the EDIT+ system at the Texas Education Agency (TEA). All fatal errors that are identified must be corrected before the TEA will accept a LEA or ESC's PEIMS data. Special warning and warning edits must be reviewed for data accuracy by the appropriate LEA and ESC staff before the data is approved by the same.

PEIMS data is collected four times each school year. The collections are Submission 1 (Fall Snapshot (including student leaver) data), Submission 2 (Mid-Year (prior year financial actual) data), Submission 3 (Summer (school year attendance) data), and Submission 4 (Extended Year (summer program) data).

Dashboards

Dashboard data consists of seven categories: education organization, finance, campus course section, staff, student, assessment and cohort.

Local education agencies (LEAs) will transmit their Dashboard data collection to the Education Data Warehouse (EDW) using one or more Interchange Schemas drawn from the Ed-Fi Core and Texas Core Extension Schemas.

Data File Layouts

List of Data Categories to Data Sub-Category

The following chart shows the relationship of data categories to data subcategories.

Category	Sub-Category	Associated Interchange Schema(s)	Associated Complex Type(s)	Category Code
Education Organization	*State Education Agency*	InterchangeEducationOrganizationExtension	*StateEducationAgency*	10000
	Education Service Center	InterchangeEducationOrganizationExtension	EducationServiceCenter	10005
	Local Education Agency	InterchangeEducationOrganizationExtension	LocalEducationAgencyExtension	10010
	SSA Organization Association	InterchangeSSAOrganizationAssociationExtension	SSAOrganizationAssociationExtension	10011
	Campus	InterchangeEducationOrganizationExtension	School	10020
	Feeder School Association	InterchangeEducationOrganizationExtension	*FeederSchoolAssociation*	*10021*
	Location	InterchangeEducationOrganizationExtension	Location	10030
	Class Period	InterchangeEducationOrganizationExtension	ClassPeriod	10040
	Master Schedule	InterchangeMasterScheduleExtension	*BellSchedule* Course Offering *Meeting Time* SectionExtension	10050
	Course	InterchangeEducationOrganizationExtension	Course	10070
	Competency Level Descriptor	InterchangeEducationOrganizationExtension	*CompetencyLevelDescriptor*	10080
	Program	InterchangeEducationOrganizationExtension	Program	10090

Category	Sub-Category	Associated Interchange Schema(s)	Associated Complex Type(s)	Category Code
	Calendar	InterchangeEducationOrgCalendar	*Academic Week* Calendar Date Grading Period Session	10200
Finance	Budget	InterchangeFinanceExtension	BudgetExtension	20030
	Actual	InterchangeFinanceExtension	ActualExtension	20032
	Shared Services Arrangement Actual	InterchangeFinanceExtension	SharedServiceArrangementExtension	20033
Staff	Staff Basic Information	InterchangeStaffAssociationExtension	StaffExtension CredentialFieldDescriptor	30040
	Employment – Payroll Summary	InterchangeStaffAssociationExtension	StaffExtension StaffEducationOrgEmploymentAssociationExtension	30050
	Contracted Instructional Staff	InterchangeStaffAssociationExtension	ContractedInstructionalStaffFTEExtension	30055
	Payroll	InterchangeStaffAssociationExtension	PayrollExtension	30060
	Responsibility	InterchangeStaffAssociationExtension	StaffResponsibilitiesExtension	30090
	Teacher Class Assignment	InterchangeStaffAssociationExtension InterchangeMasterScheduleExtension	StaffEducationOrgAssignmentAssociationExtension TeacherSectionAssociationExtension SectionExtension	30305
	Staff Association	InterchangeStaffAssociationExtension	*StaffProgramAssociation* TeacherExtension TeacherSchoolAssociation LeaveEvent *OpenStaffPosition*	30310
Student	Student Basic Information	InterchangeStudentExtension	StudentExtension	40100
	Enrollment	InterchangeStudentExtension InterchangeStudentEnrollmentExtension	StudentExtension StudentSchoolAssociationExtension StudentSectionAssociation	40110

Category	Sub-Category	Associated Interchange Schema(s)	Associated Complex Type(s)	Category Code
		InterchangeStudentProgramExtension	StudentProgramExtension StudentProgramAssociation StudentBilingualProgramAssociationExtension StudentESLProgramAssociationExtension ServiceDescriptor	
	Career and Technical Course	InterchangeStudentEnrollmentExtension	CareerAndTechnicalEducationCourseExtension	40170
	School Leaver	InterchangeStudentEnrollmentExtension	SchoolLeaverExtension	40203
	Programs			**41000**
	Career and Technical Program	InterchangeStudentProgramExtension	StudentProgramExtension StudentProgramAssociation StudentCTEProgramAssociationExtension	41169
	Special Education Program	InterchangeStudentProgramExtension	StudentProgramExtension StudentProgramAssociation StudentSpecialEdProgramAssociationExtension	41163
	Title I, Part A Program	InterchangeStudentProgramExtension	StudentProgramExtension StudentProgramAssociation StudentTitleIPartAProgramAssociationExtension	41461
	Attendance			**42000**
	Basic Attendance	InterchangeStudentAttendanceExtension	BasicReportingPeriodAttendanceExtension	42400
	Special Education Attendance	InterchangeStudentAttendanceExtension	SpecialProgramsReportingPeriodAttendanceExtension	42405
	Career and Technical Education			42410
	Flexible Attendance			42500
	Special Education Flexible Attendance			42505
	Career and Technical Flexible Attendance			42510
	Daily Attendance	InterchangeStudentAttendanceExtension	AttendanceEvent	42520
	Extended School Year Services	InterchangeStudentProgramExtension	StudentESYProgramAssociationExtension	42408
	Course Completion	InterchangeStudentGradeExtension InterchangeMasterScheduleExtension	CourseTranscriptExtension SectionExtension	43415

Category	Sub-Category	Associated Interchange Schema(s)	Associated Complex Type(s)	Category Code
		InterchangeStudentEnrollmentExtension	StudentSchoolAssociationExtension StudentSectionAssociation	
	Disciplinary Action	InterchangeStudentDisciplineExtension	StudentDisciplineIncidentAssociationExtension DisciplineActionExtension DisciplineIncidentExtension BehaviorDescriptor DisciplineDescriptor	44425
	Student Restraint	InterchangeStudentRestraintEventExtension	RestraintEventExtension	45435
	Student Assessment	InterchangeStudentAssessment	StudentReference AssessmentReference StudentAssessment StudentObjectiveAssessment StudentAssessmentItem	46010
	Student Grade	InterchangeStudentGradeExtension	StudentAcademicRecord CourseTranscriptExtension *ReportCard* Grade *StudentCompetency* *Diploma* *GradebookEntry* *StudentGradebookEntry* *CompentencyLevelDescriptor* *LearningObjective* *StudentCompetencyObjective*	47010
	Student Graduation Plan	InterchangeStudentEnrollmentExtension	GraduationPlan	48010
	High School Generated Student Transcript	*InterchangeHSGeneratedStudentTranscriptExtension*	*Course* *CourseOffering* *CourseTranscriptExtension* *Diploma* *Grade* *ReportCard*	*48020*

Category	Sub-Category	Associated Interchange Schema(s)	Associated Complex Type(s)	Category Code
			School	
			SectionExtension	
			StudentAcademicRecord	
			StudentAssessment	
			StudentExtension	
			StudentSchoolAssociationExtension	
			StudentSectionAssociation	
	Post Secondary Event	*InterchangeStudentPostSecondaryEvent*	*PostSecondaryEvent*	*48040*
	Student Parent Association	InterchangeStudentParentExtension	Parent StudentExtension StudentParentAssociation	49010
Campus Course Section	Course Section	InterchangeMasterScheduleExtension InterchangeStudentEnrollmentExtension InterchangeStaffAssociationExtension	SectionExtension StudentSectionAssociation TeacherSectionAssociationExtension	50300
Assessment	Assessment Metadata	InterchangeAssessmentMetadata	Assessment AssessmentPeriodDescriptor *AssessmentFamily* AssessmentItem LearningStandard LearningObjective ObjectiveAssessment PerformanceLevelDescriptor	60010
Cohort	Cohort	InterchangeCohort	Cohort StaffCohortAssociation StudentCohortAssociation	70010

List of Complex Types

The following chart provides an alphabetical list of the complex types and displays the collection for which the data is used.

Complex Types	Dashboard	1 Fall	2 MY	3 Sum	4 EY
		PEIMS			
Required Complex Types					
ActualExtension			Y		
Assessment	Y				
AssessmentItem	Y				
AssessmentPeriodDescriptor	Y				
AssessmentReference	Y				
AttendanceEvent	Y				
BasicReportingPeriodAttendanceExtension				Y	
BehaviorDescriptor	Y				
BudgetExtension		Y			
CalendarDate	Y				
CareerAndTechnicalEducationCourseExtension		Y			
ClassPeriod	Y			Y	
Cohort	Y				
ContractedInstructionalStaffFTEExtension		Y			
Course	Y	Y		Y	Y
CourseOffering	Y	Y		Y	Y
CourseTranscriptExtension	Y			Y	Y
CredentialFieldDescriptor	Y				
DisciplineActionExtension	Y			Y	
DisciplineDescriptor	Y				
DisciplineIncidentExtension	Y			Y	
EducationServiceCenter	Y	Y	Y		
Grade	Y				
GradingPeriod	Y				
GraduationPlan	Y				
LearningObjective	Y				
LearningStandardExtension	Y				
LeaveEvent	Y				
LocalEducationAgencyExtension	Y	Y	Y	Y	Y
Location	Y				
ObjectiveAssessment	Y				

Complex Types	Dashboard	PEIMS			
		1 Fall	2 MY	3 Sum	4 EY
Parent	Y				
PayrollExtension		Y			
PerformanceLevelDescriptor	Y				
Program	Y				
RestraintEventExtension				Y	
School	Y	Y	Y	Y	Y
SchoolLeaverExtension		Y			
SectionExtension	Y			Y	Y
ServiceDescriptor	Y				
Session	Y				
SharedServiceArrangementExtension			Y		
SSAOrgAssociationExtension		Y	Y		
StaffCohortAssociation	Y				
StaffEducationOrgAssignmentAssociationExtension	Y			Y	
StaffEducationOrgEmploymentAssociationExtension	Y	Y		Y	
StaffExtension	Y	Y		Y	
StaffResponsibilitiesExtension		Y			
StudentAcademicRecord	Y				
StudentAssessment	Y				
StudentAssessmentItem	Y				
StudentBilingualProgramAssociationExtension		Y			
StudentCohortAssociation	Y				
StudentCTEProgramAssociationExtension		Y			
StudentDisciplineIncidentAssociationExtension	Y			Y	
StudentESLProgramAssociationExtension		Y			
StudentESYProgramAssociationExtension					Y
StudentExtension	Y	Y		Y	Y
StudentObjectiveAssessment	Y				
StudentParentAssociation	Y				
StudentProgramAssociation	Y	Y		Y	Y
StudentProgramExtension		Y		Y	Y
StudentReference	Y				
StudentSchoolAssociationExtension	Y	Y		Y	Y
StudentSectionAssociation	Y			Y	Y

Complex Types	Dashboard	PEIMS			
		1 Fall	2 MY	3 Sum	4 EY
StudentSpecialEdProgramAssociationExtension		Y		Y	
StudentTitleIPartAProgramAssociationExtension				Y	
TeacherExtension	Y				
TeacherSchoolAssociation	Y				
TeacherSectionAssociationExtension	Y			Y	
Complex Types Not Used By TEA					
Account					
AccountCodeDescriptor					
AccountCodeDescriptorType					
AccountIdentityType					
AccountReferenceType					
Actual					
Budget					
ContractedStaff					
Payroll					
StudentSpecialEdProgramAssociation					
StudentTitleIPartAProgramAssociation					
Teacher					
Complex Types In Ed-Fi Core But Not Used By Texas At This Time					
AcademicWeek					
AssessmentFamily					
BellSchedule					
CompetencyLevelDescriptor					
Diploma					
FeederSchoolAssociation					
GradebookEntry					
LearningObjective (Grade Complex Type)					
MeetingTime					
OpenStaffPosition					
PostSecondaryEvent					
ReportCard					
StaffProgramAssociation					
StateEducationAgency					
StudentCompetency					

		PEIMS			
		1	2	3	4
Complex Types	**Dashboard**	**Fall**	**MY**	**Sum**	**EY**
StudentCompetencyObjective					
StudentGradebookEntry					