Texas Education Data Standards (TEDS)

Section10 v9
State Reporting
Early Childhood DataSystem

Post Addendum

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Texas Student Data System (TSDS) Education Data Warehouse (EDW) Vision

For over 20 years, Texas has performed thorough data collections to support state and federal reporting and policy efforts. As a result, many of the required data elements for a statewide longitudinal data system are currently in place. However, the systems were not developed to support more recent demands for timely, transparent, accessible, and immediately actionable data back to stakeholders.

The TEA data management environment is currently focused on meeting state and federal compliance reporting requirements. A district-facing data warehouse will make near real time, actionable data available to educators and relevant stakeholders.

The Texas Education Agency collects organization, budget, actual financial, staff and student data for approximately1,235 school LEAs, 8,711 campuses, and over 4.6 million students in the Texas public school system. The vast majority of Texas LEAs serve fewer than 5,000 students, and many of these LEAs have difficulty providing budgets and staff to support even basic local information technology efforts.

The complexity of the state reporting process places great demands on local administrations. By providing a district-facing data warehouse, these state reporting needs can be met more transparently, using data that LEAs would already provide for the warehouse.

The anticipated outcome of the Texas Student Data System (TSDS) Education Data Warehouse (EDW) solution is the expansion of the current information management environment from a point-in-time data collection and reporting environment to a timely and dynamic environment that will:

• Enable continuous improvement of student performance through performance-based reporting

• Alleviate the data collection burden on LEAs

• Improve data quality

Early Childhood Data System (ECDS)

Early Childhood Data System (ECDS) is the collection of both Pre-Kindergarten and Kindergarten student data, which includes both student demographic and assessment data.

ECDS is formerly known as the Kindergarten Readiness System (KRS). KRS data was previously collected using a now obsolete application called OZ Systems.

ECDS is the first of several state and federal reporting collections that will be integrated into TSDS.

Why TEA Collects ECDS Data

ECDS is collected to certify the effectiveness of childcare programs in preparing children for kindergarten. The following is a list of those programs:

• Public (ISD) Pre-Kindergarten Programs

• Head Start Programs

• Licensed Child Care Programs

• ISD Head Start Programs

• ISD Child Care Programs

ECDS Kindergarten data is mandated by the Texas Legislature in the following Texas Education Codes (TEC).

Legislative Background

TEC Sec. 29.161. SCHOOL READINESS CERTIFICATION SYSTEM.

The State Center for Early Childhood Development, in conjunction with the P-16 Council established under Section 61.076, shall develop and adopt a school readiness certification system for use in certifying the effectiveness of prekindergarten programs, Head Start and Early Head Start programs, government- subsidized child-care programs provided by nonprofit or for-profit entities, government-subsidized faith- based child-care programs, and other government-subsidized child-care programs in preparing children for kindergarten. The system shall be made available on a voluntary basis to program providers seeking to obtain certification as evidence of the quality of the program provided.

(a) In developing and adopting the system, the center shall seek the active participation of all interested stakeholders, including parents and program providers.

(b) The system must:

(1) be reflective of research in the field of early childhood care and education;

(2) be well-grounded in the cognitive, social, and emotional development of young children;

(3) apply a common set of criteria to each program provider seeking certification, regardless of the type of program or source of program funding; and

(4) be capable of fulfilling the reporting and notice requirements of Sections 28.006(d) and(g).

(c) The agency shall collect each student's raw score results on the reading instrument administered under Section 28.006 from each LEA using the system created under Subsection (a) and shall contract with the State Center for Early Childhood Development for purposes of this section.

(d) The State Center for Early Childhood Development shall, using funds appropriated for the school readiness certification system, provide the system created under Subsection (a) to each LEA to report each student's raw score results on the reading instrument administered under Section 28.006. The agency shall:

(1) provide assistance to the State Center for Early Childhood Development in developing and adopting the school readiness certification system under this section, including providing access to data for the purpose of locating the teacher and campus of record for students; and

(2) require confidentiality and other security measures for student data provided to the State Center for Early Childhood Development as the agency's agent, consistent with the Family Educational Rights and Privacy Act of 1974 (20 U.S.C. Section 1232g).

Kindergarten

TEC 28.006(c) – READING DIAGNOSIS

Each LEA shall administer, at the kindergarten and first and second grade levels, a reading instrument on the list approved by the commissioner or by the LEA-level committee.

The LEA shall administer the reading instrument in accordance with the commissioner's recommendations under Sub-section(a)(1).

TEC 28.006(d) The superintendent of each LEA shall:

(1) Report to the commissioner and the board of trustees of the LEA the results of the reading instruments;

(2) Report, in writing, to a student's parent or guardian the student's results on the reading instrument; and

(3) Using the school readiness certification system provided to the LEA in accordance with Section 29.161(e), report electronically each student's raw score on the reading instrument to the agency for use in the agency for use in the school readiness certification system

TEC 28.006(d-1) The agency shall contract with the State Center Early Childhood Development to receive and use scores under Subsection (d)(3) on behalf of the agency.

Pre-Kindergarten:

TEC Sec. 29.1532.   PREKINDERGARTEN PROGRAM REQUIREMENTS:

(a) An LEA's prekindergarten program shall be designed to develop skills necessary for success in the regular public school curriculum, including language, mathematics, and social skills.

(b) If an LEA contracts with a private entity for the operation of the LEA's prekindergarten program, the program must at a minimum comply with the applicable child-care licensing standards adopted by the Department of Protective and Regulatory Services under Section 42.042, Human Resources Code.

(c) An LEA that offers prekindergarten classes shall include the following information in the LEA's Public Education Information Management System (PEIMS) report:

(d) demographic information, as determined by the commissioner, on students enrolled in the information, as determined by the commissioner, on students enrolled in the LEA's prekindergarten classed, including the number of students who are eligible for classes under Section 29.153;

(e) the numbers of half-day and full-day prekindergarten classes offered by the LEA; and

(f) the sources of funding for the prekindergarten classes.

Purpose of ECDS

To inform parents, school administrators, the public, statewide stakeholders, the early childhood education community, and policy makers about the quality of early childhood education and direct resources in an informed manner.

ECDS Submission Timelines

Kindergarten Data Submission	
SchoolYear 2013-2014	
Collection Opens	June 1, 2014
Collection Closes	**July 31, 2014 – Extended to September 30, 2014**
SchoolYear 2014-2015	
Collection Opens	October 1, 2014
Collection Closes	**December 15, 2014**
Pre-Kindergarten Data Submission	
SchoolYears: 2012-2013 2013-2014 2014-2015	
Collection Opens	**March 2, 2015**
Collection Closes	**May 29, 2015**

Who Reports ECDS Data

Kindergarten ECDS data reporting is mandatory. The data collection includes student demographics and assessments. LEAs who administer the Commissioner's List of Reading Instruments are required to collect and report this data.

Pre-Kindergarten ECDS data reporting is optional. The data collection includes student demographics. This data is submitted by Public & Private Pre-Kindergarten Programs.

Exemption

LEAs administering an assessment that is not compatible with ECDS as described in the 'To The Administrator Addressed' letter will notify the TEA program area of the type of assessment used, and the LEA will be responsible for retaining the data should TEA decide to collect at a later date.

Commissioner's List of Reading Instruments

- Texas Primary Reading Inventory (TPRI)
- Istation's Indicators of Progress (ISIP)
- Istation's Indicators of Progress (ISIP-Spanish)
- Dynamic Indicators of Basic Early Literacy Skills, Next (DIBELS Next)
- Phonemic Awareness & Phonics Inventory(PAPI)
- Phonemic Awareness& Phonics Inventory- Spanish(PAPI-S)
- Phonological Awareness Literacy Screening (PALS)
- Tejas LEE

Reporting ECDS to TEA

Interim Solution

Data for both Pre-Kindergarten and Kindergarten will be documented by LEAs using MS Excel templates. The 2014-2015 MS Excel Templates are located as follows:

2014-2015 ECDS Collection Spreadsheet

An XML converter is provided by TEA for LEAs to convert data from MS Excel to the TEDS Compliant Interchange XML files.

XML files will be loaded either manually in the eDM or by using the Data Transfer Utility (DTU). These MS Excel templates will be supplied until all LEAs are loading data to the EDW through the XML interchanges.

Early Adopters of TSDS who report ECDS data will use the TSDS Collection for reporting. If the LEA does not have their assessments in the TEDS Compliant format, they will be able to use the MS Excel templates for just reporting the Kindergarten assessment data.

Permanent Solution

The TSDS Collection will be used by LEAs for required state and federal reporting and the optional studentGPS® Dashboards.

ECDS is the first state data collection reported using the TSDS collection.

ECDS Kindergarten Data Elements

The following chart provides the list of required data elements for the ECDS Kindergarten data collection.

Line #	COLLECTION	REQUIRED/ OPTIONAL	CALCULATED/ COLLECTED	INTERCHANGE	COMPLEX TYPES	DATA ELEMENTS (XMLNAME)	CODE TABLE
1.	KINDER	Required	Collected	InterchangeEducationOrganization	LocalEducationAgencyExtension	E0212 DISTRICT-ID	
2.	KINDER	Required	Collected	InterchangeEducationOrganization	LocalEdcuationAgencyExtension	E0213 DISTRICT-NAME	
3.	KINDER	Required	Collected	InterchangeEducationOrganization	LocalEdcuationAgencyExtension	E1240 ORGANIZATION-CATEGORY	DC055
4.	KINDER	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E0266 CAMPUS-ID	
5.	KINDER	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E0267 CAMPUS-NAME	
6.	KINDER	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E1353 CAMPUS-GRADES-OFFERED	DC063
7.	KINDER	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E1240 ORGANIZATION-CATEGORY	DC055
8.	KINDER	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E1524T X-UNIQUE-STAFF-ID	
9.	KINDER	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E0703 FIRST-NAME	
10.	KINDER	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E0705 LAST-NAME	
11.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1523 TX-UNIQUE-STUDENT-ID	
12.	KINDER	Required	Collected	InterchangeStaffAssociationExtension	StudentExtension	E1090 STUDENT-IDENTIFICATION- SYSTEM	DC126
13.	KINDER	Required	Collected	InterchangeStaffAssociationExtension	StudentExtension	E0001 STUDENT-ID	
14.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0703 FIRST-NAME	
15.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0704 MIDDLE-NAME	
16.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0705 LAST-NAME	
17.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0006 DATE-OF-BIRTH	
18.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1325 SEX	DC119
19.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1375 HISPANIC-LATINO-ETHNICITY	

Line #	COLLECTION	REQUIRED/ OPTIONAL	CALCULATED/ COLLECTED	INTERCHANGE	COMPLEX TYPES	DATA ELEMENTS (XMLNAME)	CODE TABLE
20.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1343 RACIAL-CATEGORY	DC097
21.	KINDER	Required	Collected	InterchangeStudentEnrollmentExtension	StudentSchoolAssociation	E1517 ENTRY-GRADE-LEVEL-TYPE	DC063
22.	KINDER	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1390 LIMITED-ENGLISH-PROFICIENCY	DC079
23.	KINDER	Required	Collected	InterchangeAssessmentMetadata	Assessment--> AssessmentIdentificationCode	E1142 ASSESSMENT- IDENTIFICATION-SYSTEM	DC012
24.	KINDER	Required	Collected	InterchangeAssessmentMetadata	Assessment--> AssessmentIdentificationCode	E1144 ASSESSMENT- IDENTIFICATION-CODE	
25.	KINDER	Required	Collected	InterchangeAssessmentMetadata	Assessment	E1127 ASSESSMENT-TITLE	
26.	KINDER	Required	Collected	InterchangeAssessmentMetadata	Assessment	E1097 ACADEMIC-SUBJECT	DC002
27.	KINDER	Required	Collected	InterchangeAssessmentMetadata	Assessment	E1129 ASSESSMENT-GRADE- LEVEL-ASSESSED	DC063
28.	KINDER	Required	Collected	InterchangeStudentAssessment	StudentAssessment	E1396 ADMINISTRATION-DATE	
29.	KINDER	Required	Collected	InterchangeStudentAssessment	StudentAssessment--> ScoreResults	E1154 ASSESSMENT-REPORTING- METHOD	DC014
30.	KINDER	Required	Collected	InterchangeStudentAssessment	StudentAssessment--> ScoreResults	E1359 SCORE-RESULT	

** Data element E1043 ESL-PROGRAM-TYPE-CODE in the StudentProgramExtension Complex Type is being replaced with data element E1337 PROGRAM-TYPE in the StudentESLProgramAssociationExtension Complex Type in order to minimize changes to the Ed-Fi Core TSDS Collection.

ECDS Pre-Kindergarten Data Elements

The following chart provides the list of required data elements for the ECDS Kindergarten data collection.

Line #	COLLECTION	REQUIRED/ OPTIONAL	CALCULATED/ COLLECTED	INTERCHANGE	COMPLEX TYPES	DATA ELEMENTS (XMLNAME)	CODE TABLE
1.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	LocalEduationAgencyExtension	E0212 DISTRICT-ID	
2.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	LocalEdcuationAgencyExtension	E0213 DISTRICT-NAME	
3.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	LocalEdcuationAgencyExtension	E1240 ORGANIZATION-CATEGORY	DC055
4.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E0266 CAMPUS-ID	
5.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E0267 CAMPUS-NAME	
6.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E1240 ORGANIZATION-CATEGORY	DC055
7.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E1353 CAMPUS-GRADES-OFFERED	DC063
8.	ALL PRE-K	Required	Collected	InterchangeEducationOrganization	SchoolExtension	E1555 PK-SCHOOL-TYPE	DC152
9.	ALL PRE-K	Required	Collected	InterchangeStudentEnrollmentExtension	StudentSchoolAssociationExtension	E1517 GRADE-LEVEL-TYPE	DC063
10.	ALL PRE-K	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E1524 TX-UNIQUE-STAFF-ID	
11.	ALL PRE-K	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E0703 FIRST-NAME	
12.	ALL PRE-K	Required	Collected	InterchangeStaffAssociationExtension	StaffExtension	E0705 LAST-NAME	
13.	ALL PRE-K	Required	Collected	InterchangeStudentExtension	StudentExtension	E1523 TX-UNIQUE-STUDENT-ID	
14.	ALL-PRE-K	Required	Collected	InterchangeStaffAssociationExtension	StudentExtension	E1090 STUDENT-IDENTIFICATION-SYSTEM	DC126
15.	ALL-PRE-K	Required	Collected	InterchangeStaffAssociationExtension	StudentExtension	E0001 STUDENT-ID	
16.	ALL PRE-K	Required	Collected	InterchangeStudentExtension	StudentExtension	E0703 FIRST-NAME	
17.	ALL PRE-K	Required	Collected	InterchangeStudentExtension	StudentExtension	E0704 MIDDLE-NAME	
18.	ALL PRE-K	Required	Collected	InterchangeStudentExtension	StudentExtension	E0705 LAST-NAME	
19.	ALL PRE-K	Required	Collected	InterchangeStudentExtension	StudentExtension	E1325 SEX	DC119
20.	ALL PRE-K	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0006 DATE-OF-BIRTH	
21.	ALL PRE-K	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1375 HISPANIC-LATINO- ETHNICITY	

Line #	COLLECTION	REQUIRED/ OPTIONAL	CALCULATED/ COLLECTED	INTERCHANGE	COMPLEX TYPES	DATA ELEMENTS (XMLNAME)	CODE TABLE
22.	ALL PRE-K	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1343 RACIAL-CATEGORY	DC097
23.	ALL PRE-K	Required	Collected	InterchangeStudentEnrollmentExtension	StudentSchoolAssociationExtension	E1558 STUDENT-INSTRUCTION	DC153
24.	ALL PRE-K	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E1390 LIMITED-ENGLISH-PROFICIENCY	DC079
25.	ALL PRE-K	Required	Collected	InterchangeStudentParentExtension	StudentExtension	E0785 ECONOMIC-DISADVANTAGE-CODE	C054
26.	ALL PRE-K	Required	Collected	InterchangeStudentProgramExtension	StudentSpecialEdProgramExtension	E1337 PROGRAM-TYPE **	DC096

 * Data element E1078 PK-PROGRAM-TYPE-CODE in the StudentSchoolAssociation Complex Type is being replaced with E1558 STUDENT-INSTRUCTION in the StudentSchoolAssociationExtension Complex Type.

** Data element E0794 SPECIAL-ED-INDICATOR-CODE in the StudentProgramExtension Complex Type is being replaced with data element E1337 PROGRAM-TYPE in the StudentSpecialEdProgramAssociationExtension Complex Type in order to minimize changes to the Ed-Fi Core TSDS Collection. This is applicable to all school years (2012-2013, 2013-2014, and 2014-2015).

*** E1389 SCHOOL-FOOD-SERVICES-ELIGIBILITY is being replaced with data element E0785 ECONOMIC-DISADVANTAGE-CODE for all school years