

TECHNICAL DATA COLLECTION CHANGES

July 30, 2019 — August 1, 2019

I. COURSE SECTION DATA COLLECTION CHANGES

II. EARLY CHILDHOOD DATA SYSTEM UPDATES

III. RESIDENTIAL FACILITY TRACKER UPDATES

IV. CLASS ROSTER UPDATES

V. OTHER UPDATES

AGENDA

Due to moving the collection of some data from PEIMS to TSDS, and with the addition of the Residential Facility Tracker and the State Performance Plan Indicator 14 data collections to TSDS, it has been determined that changes are needed.

The following slides provide an overview of the changes.

- Initially classroom link data, was identified using the following data elements to align with studentGPS dashboard reporting:
 - CAMPUS-ID (E0266)
 - LOCAL-COURSE-CODE (E1194)
 - SCHOOL-YEAR (E1093)
 - SECTION-TERM (E1367)
 - CLASS-PERIOD (E1074)
 - LOCATION (E1368)
- With the addition of Class Roster and Early Childhood Data System to TSDS, the following data elements will now be used to identify a course section:
 - CAMPUS-ID
 - CLASS-ID-NUMBER
 - COURSE-SEQUENCE-CODE

InterchangeMasterScheduleExtension



Complex Type	Data Element ID	Data Element Name	XML Name	Marked as mandatory in the complex type	No longer collected in the complex type
CourseOffering	E0724	SERVICE-ID*			x
SectionExtension	E0948	COURSE-SEQUENCE-CODE		x	
	E0266	CAMPUS-ID	StateOrganizationId	These data elements are collected in the InterchangeMasterSchedule. This provides a mechanism for related complex types collected in subsequent interchanges to identify a course section.	
	E1194	LOCAL-COURSE-CODE	LocalCourseCode		
	E1093	SCHOOL-YEAR	SchoolYear		
	E1367	SECTION-TERM	Term		
	E1074	CLASS-PERIOD	ClassPeriodName		
	E1368	LOCATION	Location		

*SERVICE-ID will be promoted from the Course complex type.

[View InterchangeMasterScheduleExtension](#)

StudentSectionAssociation Complex Type

Data Element ID	Data Element Name	Marked as mandatory in the complex type	No longer collected in the complex type
E1056	CLASS-ID-NUMBER	x	
E0948	COURSE-SEQUENCE-CODE	x	
E1194	LOCAL-COURSE-CODE		x
E1093	SCHOOL-YEAR		x
E1367	SECTION-TERM		x
E1074	CLASS-PERIOD		x
E1368	LOCATION		x

[View InterchangeStudentEnrollmentExtension](#)

TeacherSectionAssociation Complex Type

Data Element ID	Data Element Name	Marked as mandatory in the complex type	No longer collected in the complex type
E1056	CLASS-ID-NUMBER	x	
E0948	COURSE-SEQUENCE-CODE	x	
E1194	LOCAL-COURSE-CODE		x
E1093	SCHOOL-YEAR		x
E1367	SECTION-TERM		x
E1074	CLASS-PERIOD		x
E1368	LOCATION		x

[View InterchangeStaffAssociationExtension](#)

AttendanceEvent Complex Type

Data Element ID	Data Element Name	Added to the complex type as Mandatory	No longer collected in the complex type
E1056	CLASS-ID-NUMBER	x	
E0949	COURSE-SEQUENCE-CODE	x	
E1194	LOCAL-COURSE-CODE		x
E1093	SCHOOL-YEAR		x
E1367	SECTION-TERM		x
E1074	CLASS-PERIOD		x
E1368	LOCATION		x

[View InterchangeStudentAttendanceExtension](#)

Grade Complex Type

Data Element ID	Data Element Name	Added to the complex type as Mandatory	No longer collected in the complex type
E1056	CLASS-ID-NUMBER	x	
E0949	COURSE-SEQUENCE-CODE	x	
E1194	LOCAL-COURSE-CODE		x
E1093	SCHOOL-YEAR		x
E1367	SECTION-TERM		x
E1074	CLASS-PERIOD		x
E1368	LOCATION		x

[View InterchangeStudentGradeExtension](#)

AssessmentExtension Complex Type

Data Element ID	Data Element Name	Added to the complex type as mandatory	Added to the complex type as optional	No longer collected in the complex type
E1056	CLASS-ID-NUMBER	x		
E0948	COURSE-SEQUENCE-CODE*		x	
E1194	LOCAL-COURSE-CODE			x
E1093	SCHOOL-YEAR			x
E1367	SECTION-TERM			x
E1074	CLASS-PERIOD			x
E1368	LOCATION			x

*COURSE-SEQUENCE-CODE is optional because SectionReference is optional.

[View InterchangeAssessmentMetadata](#)

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Data Element ID	Data Element Name	Description of Change
E1555	PK-SCHOOL-TYPE	SectionExtension complex type: Revised length from 2 to 50. Revised code table from C209 to DC152.
E1558	STUDENT-INSTRUCTION	SectionExtension complex type: Revised length from 2 to 35. Revised code table from C210 to DC153.
N/A	N/A	Revised Prekindergarten submission due date to June 18, 2020.
N/A	N/A	Revised Private Prekindergarten application deadline for Business Partner Directory to May 28, 2020.

The change in field lengths for both of these data elements is due to TSDS using the translation rather than the code. The code table changes are due to these data elements using TSDS code tables rather than PEIMS code tables.

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ResidentialFacilityExtension Complex Type

Data Element ID	Data Element Name	Description of Change
E1627	RESIDENTIAL-FACILITY-ID	Revised XML Name from TX-ResidentialFacilityId to StateOrganizationId.
N/A	N/A	Added reference complex types LocalEducationAgencyReference and EducationOrgIdentificationCode to the ResidentialFacilityExtension complex type.
E0212	DISTRICT-ID	<p>Revised location of element into the EducationOrgIdentificationCode complex type within LocalEducationAgencyReference within ResidentialFacilityExtension.</p> <p>Revised XML Name from EducationalOrgIdentity to StateOrganizationId in the EducationOrgIdentificationCode complex type within LocalEducationAgencyReference within ResidentialFacilityExtension.</p>

These changes are to make this Residential Facility Tracker data collection aligned with TSDS standards for collecting and referencing organization data.

- StudentProgramExtension Complex Type from InterchangeStudentProgramExtension will be used by the RF Tracker data collection specifically for data element SPECIAL-ED-INDICATOR-CODE (E0794).

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- StudentSchoolAssociation Complex Type from InterchangeStudentEnrollmentExtension will be used by the Class Roster data collection specifically for data element ENTRY-GRADE-LEVEL-TYPE (E1517).

CLASS ROSTER UPDATES - BUSINESS VALIDATION RULES



Student – Basic Information Context Rules

Rule	Text/Meaning	Level	TSDS Collection	Applies to:
40100 -new1 NEW	For each student reported by the LEA, there must be enrollment (student school association) data with a matching TX-UNIQUE-STUDENT-ID.	F	CRF CRW	District, Campus, Charter
	Enrollment (student school association) data must be reported for each student reported for the Class Roster collection.			

- New rule to require student school association data for each student reported in the Class Roster collection.

CLASS ROSTER UPDATES - BUSINESS VALIDATION RULES



Student – Enrollment Field Validation Rules

Rule	Text/Meaning	Level	TSDS Collection	Applies to:
40100-000D	The combination of the following fields must be unique for each student Enrollment (Student School Association): TX-UNIQUE-STUDENT-ID, CAMPUS-ID, and ENTRY-DATE.	F	CRF CRW	District, Campus, Charter
	The combination of the following fields must be unique for each student Enrollment (Student School Association): StudentUniqueStateId, StateOrganizationId (SchoolReference), and EntryDate.			

- Unique Key rule for student school association data reported in the Class Roster collection.

CLASS ROSTER UPDATES - BUSINESS VALIDATION RULES



Student – Enrollment Context Rules

Rule	Text/Meaning	Level	TSDS Collection	Applies to:
40100-0001	For a student enrollment, TX-UNIQUE-STUDENT-ID must match a TX-UNIQUE-STUDENT-ID for a student.	F	CRF CRW	District, Campus, Charter
	For each student reported with enrollment data, there must be corresponding student data reported.			
40110-new1 NEW	For an Enrollment (Student School Association) being reported for the Class Roster collection, ENTRY-GRADE-LEVEL-TYPE must not be blank, and must be a valid value in the DC063 code table except for “Early Education”, “Preschool/Prekindergarten”, and “Kindergarten”.	F	CRF CRW	District, Campus, Charter
	For each student reported with enrollment data for the Class Roster collection, EntryGradeLevel must be reported. Only students in grades “01”-“12” are to be reported for the Class Roster collection.			

- Rules to check for matching student data and for valid Entry Grade Level Type values.

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Data Element ID	Data Element Name	Description of Change
E1621	ELO-MINUTES-SCHEDULED-PER-DAY	Revised domain of values to 45-480.
E0703	FIRST-NAME	Revised Domain of Values to align with XSD from A-Z, 0-9, ', -, [space] to A-Z, a-z, Á-Ú, á-ú, 0-9, ', -, [space] Revised Special Instructions to no longer repeat the Domain of Values.
E0704	MIDDLE-NAME	Revised Domain of Values to align with XSD from A-Z, 0-9, ', -, [space] to A-Z, a-z, Á-Ú, á-ú, 0-9, ', -, [space] Revised Special Instructions to no longer repeat the Domain of Values.
E0705	LAST-NAME	Revised Domain of Values to align with XSD from A-Z, 0-9, ', -, [space] to A-Z, a-z, Á-Ú, á-ú, 0-9, ', -, [space] Revised Special Instructions to no longer repeat the Domain of Values.

OTHER UPDATES

Data Element ID	Data Element/Complex Type Name	Description of Change
N/A	EducationOrgIdentificationCode	Removed from LocalEducationAgencyExtension complex type. Removed from SchoolExtension complex type.
E1463	EDUCATION-ORG-ID	Removed from LocalEducationAgencyExtension complex type. Removed from SchoolExtension complex type.
E1186	SUBJECT-AREA	Since this data element is not part of the CourseCode complex type, it was moved out of this complex type and into the CourseTranscriptExtension complex type. Revised element from being Mandatory to Optional for TSDS on the CourseTranscriptExtension complex type as it is in InterchangeEducationOrganizationExtension.
E1187	COURSE-DESCRIPTION	Since this data element is not part of the CourseCode complex type, it was moved out of this complex type and into the CourseTranscriptExtension complex type.

QUESTIONS?

