Component Description

Report the student's actual attendance as well as the possible days of attendance (days education services offered).

Document Contents

Schema	Contains the component characteristic names, descriptions, and specifications (Excel Sheet 2)
List of Values	Contains the list of allowed values for all characteristics of a "List of Values" datatype (Excel Sheet 3)
Staging Area Business Rule Validations	Contains the list of business rule validations, grouped by characteristic, that apply to this component (Excel Sheet 4)
Version History	Contains a history of updates made to the business rule validations in this school year (Excel Sheet 5)
User Guide	Contains references and support for using this document (Excel Sheet 6)

Collection Matrix

Collection Name	Component Status
CEPI Internal Request for UIC	Not Allowed
Early Childhood EOP	Not Allowed
Early Childhood Fall	Not Allowed
Early Childhood Spring	Not Allowed
EOY 2017 General Collection	Optional
Fall 2016 General Collection	Optional
IHE Request for UIC	Not Allowed
Request for UIC	Not Allowed
Request for UIC	Not Allowed
Spring 2017 General Collection	Optional
Student Record Maintenance	Optional
Teacher Student Data Link	Not Allowed

Schema

Characteristic Name	Characteristic Description	Data Type	Min Length	Max Length	Min Value	Max Value	Decimal Positions	Is Multi Valued?	Required?
DaysAttended	The total number of days that the student actually attended or received educational services. (NOTE: This characteristic does not address instructional days or clock hours.)	Whole Number (integer)			0	365		False	True
TotalPossibleAttendence	The total number of days that education services were available to the student. This is a cumulative number, from the first day the student could have attended (i.e. the first day of the school year, the date of new enrollment, or the beginning of a program [e.g., summer school]) through the last day of attendance (last day of school year, enrollment or program). For additional information about enrollment refer to the characteristic Enrollment Date in the Enrollment component. (NOTE: This characteristic does not address instructional days or clock hours.)	Whole Number (integer)			0	365		False	True

List of Values

This component does not have any characteristics with a data type of "List of Values"

Staging Area Business Rule Validations

Characteristic Name	Rule Number	Data Validation	Severity	Error/Warning Message
DaysAttended	NOTE	If {Enrollment}.[ExitDate] <= {Enrollment}.[EnrollmentDate] + 1 day [DaysAttended] may be 0 AND rule 218.295.1 is not enforced		
	218.295.1	[DaysAttended] must be <= [TotalPossibleAttendance]	1	Days Attended cannot be greater than the Total Possible Attendance.
TotalPossibleAttendence	NOTE	If {Enrollment}.[ExitDate] <= September 1st of the current school year OR {SchoolDemographics}.[GradeOrSetting] = "20" or "30" OR {PersonalDemographics}.[StudentResidency] = "04", "07", "08", "09", "12", "13", or "15" OR {Enrollment}.[EnrollmentDate] = {Enrollment}.[ExitDate] + 1 day [TotalPossibleAttendence] may be 0 AND rules 218.297.1, 218.297.2 and 218.297.3 are not enforced		
	218.297.1	If {Enrollment}.[DistrictExitStatus] = "19" [TotalPossibleAttendance] must be >0	1	If a student is reported with a District Exit Status of '19', and the Attendance component is submitted, then the total possible attendance must be greater than 0.
	218.297.2	If {Enrollment}.[ExitDate] > the Fall legislated pupil membership count date [TotalPossibleAttendance] must be >0	1	Total possible attendance must be greater than zero if the exit date is after the Fall legislated pupil membership count date.
	218.297.3	[TotalPossibleAttendance] cannot be > the number of calendar days between {Enrollment}.[EnrollmentDate] (or July 1 of the current school year, whichever is latest) and {Enrollment}.[ExitDate] (or collection as of date, whichever is earliest)	1	Total possible attendance cannot be greater than the number of days between enrollment date (or July 1 of the current school year, whichever is later) and exit date (or collection as of date, whichever is earlier).

Version History

No updates have been made to this component.

User Guide

Collection Matrix

Component Status

Defines which collections the component may be submitted. The possible values are:

Name	Description
Required	This component must be submitted in this collection. If omitted in an upload, the file will be rejected upon upload.
Optional	This component is optional in this collection, but may be condtionally required due to validation rules.
Not Allowed	This component cannot be submitted in this collection. If included in an upload file, the file will be rejected upon upload.

Schema

Characteristic Name

The name of the characteristic. This matches the name in the schema.

Characteristic Description

A description of the characteristic and why the data is needed.

Data Type

The system data type. The possible values are:

Name	Classification
Addresses (numbers, letters, #)	string
Date (only)	date
Date (year and month only) (YYYYMM)	string
Decimal Number	decimal
List of Values (choose from list)	string
Names (letters, apostrophe, commas, hyphens, periods)	string
Numeric Text (0-6) (can have leading zeros)	string
Numeric Text (can have leading zeros)	string
Text (free form)	string
Text (numbers and letters)	string

Whole Number (integer)	int
Yes / No (or True False, or Boolean)	boolean

Min Length

For characteristics of a "text" data type classification, this specifies the minimum character length

Max Length

For characteristics of a "text" data type classification, this specifies the maximum character length

Min Value

For characteristics of a "number" data type classification, this specifies the minimum character length

Max Value

For characteristics of a "number" data type classification, this specifies the maximum character length

Decimal Positions

For characteristics of a "number" data type, this specifies the number of digits allowed to the right of a decmial point.

Is Multi Valued?

TRUE indicates that this characteristic may be submitted multiple times in the same component; FALSE indicates that only one instance is allowed.

Required?

Y indicates this characteristic is required to be submitted as part of the schema; N indicates that is either optional at the schema level (but may be conditionally required due to validation rules)

Validation Rules

Definitions & Guidance

- Text surrounded by {} indicates that this is a component
- Text surrounded by [] indicates that this is a characteristic
- A Severity of "1" indicates that the validation is an error; a "2" indicates that it is a warning
- *CollectionName* refers to the value of the "CollectionName" attribute in the collection schema
- *AsOfDate* refers to one of two values:
  - For single-certified collections, it is the State-defined certification as of date for the collection
  - For ongoing certified collections, it is the value of the [AsOfDate] characteristic in the {StudentRecordMaintenance} component

Version History

Notes

- TFS Number is used internally by CEPI for tracking purposes
- Each update to a validation or a wording change to the error/warning message will be noted here

Appendix A

Certain entity-related validations in MSDS are dependent on which collection is being submitted. The table below defines the dates or date ranges that are used in these validations. Validations that are dependent on this table are noted in the specific data validation; they will contain a reference to this appendix.

Collection	Type	Start Date	End Date
General collections	date	Certification As of Date	
Early Childhood collections	date range	Collection Open Date	Collection Close Date
Student Record Maintenance	date	As of Date (SRM component)	
Teacher Student Data Link *	date range	7/1/{AcademicYear start}	8/31/{School Year End}
	date range	7/1/{School Year Start}	8/31/{School Year End}
Early Roster	date range	7/1/{School Year Start}	6/30/{School Year End}
all other collections	date	Today's Date	

* The TSDL collection will use the school year value submitted in the Academic Year characteristic, if it was submitted. If no value is found, the current school year values are used.