

Component Description

Identifies the entity submitting the data.

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	Required
Early Childhood EOP	Required
Early Childhood Fall	Required
Early Childhood Spring	Required
Early Roster	Required
EOY 2020 General Collection	Required
Fall 2019 General Collection	Required
General Teacher Student Data Link	Required
IHE Request for UIC	Required
Migrant Teacher Student Data Link	Required
Request for UIC	Required
Request for UIC	Required
Spring 2020 General Collection	Required
Student Record Maintenance	Required

Third Grade Retention	Required
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Schema

Characteristic Name	Characteristic Description	Data Type	Min Length	Max Length	Min Value	Max Value	Decimal Positions	Is Multi Valued?	Required?
SubmittingEntityTypeCode	This code is used by the system to identify which type of entity code will be reported in the Submitting Entity Code characteristic.	List of Values (choose from list)						False	True
SubmittingEntityCode	The state-assigned, five- or nine-digit code from EEM of the entity responsible for the certification (if applicable) of the collection. Generally this is the entity receiving funding. It may or may not be the entity that is directly providing education services to the student. The Educational Entity Master can be found at: http://cepi.state.mi.us/eem .	Text (free form)	5	10				False	True

List of Values

SubmittingEntityTypeCode	
Code	Description
A	Agreement Number
B	BCODE
D	DCODE

Staging Area Business Rule Validations

Characteristic Name	Rule Number	Data Validation	Severity	Error/Warning Message
SubmittingEntityCode	167.188.1	If [SubmittingEntityTypeCode] = "D" or "B" [SubmittingEntityCode] must be 5 numeric characters in length	1	Must be 5 digits when Submitting Entity Type is "D" or "B".
	167.188.2	If [SubmittingEntityCode] is not blank [SubmittingEntityCode] must be a valid code in the EEM database with an entity type equal to the value specified in [SubmittingEntityTypeCode]	1	Must be a valid code in the EEM.
SubmittingEntityTypeCode	167.187.1	If CollectionName contains "GeneralCollection" or "TeacherStudentDataLink" or "Student Record Maintenance" [SubmittingEntityTypeCode] must be "D"	1	If the collection being submitted is the Fall, Spring, or EOY General Collections or the TSDL Collection Or SRM Collection, then the SubmittingEntityType must be "D".
	167.187.2	If CollectionName contains "RequestforUIC" [SubmittingEntityTypeCode] must be "D", "B", or "A"	1	If the collection being submitted is the Request for UIC collection then the Submitting Entity Type may be any code ("A", "B" or "D").
	167.187.3	If CollectionName contains "EarlyRoster" [SubmittingEntityTypeCode] must be "D" or "B"	1	If the collection being submitted is the Early Roster collection, then the Submitting Entity Type must be "B" or "D".
	167.187.4	If CollectionName contains "EarlyChildhood" [SubmittingEntityTypeCode] must be "D" or "A"	1	If the collection being submitted is an Early Childhood collection, then the Submitting Entity Type must be "A" or "D".

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:

<u>Name</u>	<u>Description</u>
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 conditionally 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:

<u>Name</u>	<u>Classification</u>
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.