

## Component Description

The Early Childhood Programs Component is used to collect data related to the student's participation in early childhood programs or services. You are required to report this component when the student is identified as participating in the Great Start Readiness Program (GSRP), GSRP/Head Start Blend, Sec. 32p Early Childhood, or Section 32p(4) Home Visitation program, or on a GSRP - Wait List. It is a federal expectation that children participating in a Head Start, Early Head Start or Early Head Start-Child Care Partnership program be reported. The Michigan Department of Education's Office of Great Start encourages you to report students participating in any other early childhood programs to assist in longitudinal program evaluations, although this is not a requirement.

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## Collection Matrix

Collection Name	Component Status
CEPI Internal Request for UIC	Not Allowed
Early Childhood EOP	Required
Early Childhood Fall	Required
Early Childhood Spring	Required
Early Roster	Not Allowed
EOY 2022 General Collection	Not Allowed
Fall 2021 General Collection	Not Allowed
General Teacher Student Data Link	Not Allowed
IHE Request for UIC	Not Allowed
Migrant Teacher Student Data Link	Not Allowed
Nonpublic School Nutrition Student Eligibility	Not Allowed

## ECPrograms

Last Updated: 7/19/2022

Request for UIC	Not Allowed
Spring 2022 General Collection	Not Allowed
Student Record Maintenance	Not Allowed
Third Grade Retention	Not Allowed

Schema

Characteristic Name	Characteristic Description	Data Type	Min Length	Max Length	Min Value	Max Value	Decimal Positions	Is Multi Valued?	Required?
Fiscal Entity Type Code	Entity type of the FiscalEntityCode as indicated in EEM.	List of Values (choose from list)						False	True
FiscalEntityCode	The state-assigned code identifying the entity receiving funding directly from the state to provide programs and/or services to the student/child reported. The fiscal entity may or may not be directly providing the services to the student/child. For early childhood this is generally the formula or competitive grantee. This code must be either a five-digit entity code for a school district or a nine-digit agreement number for an organization, as identified by the Fiscal Entity Type Code and by the EEM.	Text (free form)	5	9				False	True
FiscalEntityCode2	This field is used to identify the entity of the second funding source for blended programs.	Text (free form)	5	9				False	False
SchoolFacilityNumber	The five-digit code as assigned to the building in the official Educational Entity Master.  Please refer to the Educational Entity Master glossary for definitions. The glossary is located in the upper right corner of the EEM Web page: <a href="http://cepi.state.mi.us/eem">http://cepi.state.mi.us/eem</a> .	Numeric Text (can have leading zeros)	5	5				False	False
Provider License Number	The license number assigned to the location a child receives early childhood services. Licensed providers are assigned an 11-digit code (2 letters, 9 numbers) by the Michigan Department of Licensing and Regulatory Affairs. Tribal programs not licensed by the State are assigned a 14-digit code (7 letters, 7 numbers) by the Early Childhood Investment Corporation.	Text (free form)	1	20				False	False
EC Comment	A field to provide users with the option of adding a comment to distinguish a child for their own records. This field is optional and is not required to be completed.	Text (free form)	1	50				False	False
EC Program	The early childhood program or service provided to the child.	List of Values (choose from list)						False	True
EC Program Start Date	The date (month, day and year) the child first participated in a program or received services through the early childhood program reported.	Date (only)			1/1/1753			False	True
EC Delivery Method	The primary location where the child attends the reported program or receives early childhood services.	List of Values (choose from list)						False	True

**ECPrograms**

Last Updated: 7/19/2022

EC Delivery Schedule	Indicate if the child is attending a part day, school day or home-based program and the number of days per week being offered.  Conditional; data required only when EC Program reported is 01-Great Start Readiness Program. Optional for 03-Head Start, and 04-Title I Preschool. Not required for all other EC Programs.	List of Values (choose from list)							False	False
Federal Poverty Level	The Federal Poverty Level (FPL) that a child belongs to.	List of Values (choose from list)							False	False
Additional Eligibility Factors	Additional factors used to determine a child's eligibility for a Great Start Readiness Program, along with income information collected in the Federal Poverty Level Quintile (FPLQ) characteristic. For more information, reference the MDE GSRP Implementation Manual.	List of Values (choose from list)							True	False
Qualifying Factors	Factors considered in determining the child's eligibility for a Great Start Readiness Program. Qualifying factors are those which automatically prioritize a child for enrollment. For more information, reference the MDE GSRP Implementation Manual.	List of Values (choose from list)							True	False
EC Program End Date	The day after (month, day and year) the child last participated in a program or received services through the early childhood program reported.	Date (only)			1/1/1753				False	False
EC Program Exit Reason	The primary reason for the child leaving the reported early childhood program or service.	List of Values (choose from list)							False	False

List of Values

Fiscal Entity Type Code	
Code	Description
A	Agreement Number
D	District Entity Number

EC Program	
Code	Description
01	Great Start Readiness Program (GSRP)
02	GSRP/Head Start Blend
03	Head Start
04	Title I Preschool
10	Early Head Start
18	Sec 32p Early Childhood Block Grant
19	Section 32p(4) Home Visitation
20	Early Head Start-Child Care Partnership
21	GSRP-Wait List

EC Delivery Method	
Code	Description
1	School Based
2	Community Based
3	Home Based
4	None-Wait List

EC Delivery Schedule	
<i>Code</i>	<i>Description</i>
01	Part-Day 4 Days Per Week
02	Part-Day 5 Days Per Week
05	School-Day 4 Days Per Week
06	School-Day 5 Days Per Week
07	Served by Family Child Care Center
08	Other

Federal Poverty Level	
<i>Code</i>	<i>Description</i>
01	0% to 50% FPL
02	51% to 100% FPL
03	101% to 150% FPL
04	151% to 200% FPL
05	201% to 250% FPL
06	251% to 300% FPL
07	301% FPL and above

Additional Eligibility Factors	
<i>Code</i>	<i>Description</i>
02	Diagnosed disability or identified developmental delay
03	Severe or challenging behavior
04	Primary home language other than English
05	Parent/guardian with low educational attainment
06	Abuse/neglect of the child or parent
07	Environmental risk
08	None

Qualifying Factors	
<i>Code</i>	<i>Description</i>
A	Homeless
B	Foster Care
C	Qualifying IEP
D	None

EC Program Exit Reason	
<i>Code</i>	<i>Description</i>
063	Program Completed
064	Parent Initiated Transfer
065	Program Intiated Transfer (e.g., special ed referral)
066	Child's Behavior does not meet expectations (e.g., expulsion)
067	Parent Withdrew Child (e.g., move from district, no information on subsequent program, etc.)
068	Death of Child
069	Program Termination (e.g., license expired, lack of enrollment, insufficient funds, staffing issues, building condemned, etc.)
999	Other Reason or Reason Unknown/Undetermined

Staging Area Business Rule Validations

Characteristic Name	Rule Number	Data Validation	Severity	Error/Warning Message
	171.1	If the {SNE} component is submitted AND one or more {ECPrograms} components are submitted with an [ECProgram] <> "02", "03", "10" or "20" at least one {ECPrograms} component must have a valid [SchoolFacilityNumber] submitted in at least one of EC Programs components.	2	When SNE is submitted and the student is reported in a program other than Head Start, Early Head Start, blended Head Start, or Early Head Start – Child Care Partnership, a School or Facility Number must be reported in at least one of the EC Programs components.
AdditionalEligibilityFactor	171.617.1	if [ECProgram]= "01", "02" or "21" then [AdditionalEligibilityFactors] must be submitted in that {ECPrograms} component	1	When the EC Program indicates the child is eligible for GSRP or GSRP/Head Start Blend services, the Additional Eligibility Factors characteristic must have at least one value reported.
	171.617.2	If [ECProgram] <> "01", "02" or "21" then [AdditionalEligibilityFactors] cannot be submitted in that {ECPrograms} component	1	When the EC Program indicates the child is receiving services other than GSRP, GSRP/Head Start Blend, or GSRP-Wait List, the Additional Eligibility Factors characteristic cannot be reported.
	171.617.3	If [AdditionalEligibilityFactors] = "08", then no additional values can be selected for [AdditionalEligibilityFactors] in that {ECPrograms} component	1	When the Additional Eligibility Factors characteristic is being reported with a value of "none", no other values can be selected
ECDeliveryMethod	171.394.1	If [ECDeliveryMethod] = "1" [SchoolFacilityNumber] cannot be blank	1	When the delivery method indicates services are school based, a school code must be reported.
	171.199.1	If [ECDeliveryMethod] = "2" (community based) or "3" (home based) [SchoolFacilityNumber] must be blank	2	School facility code should only be reported if Delivery Method equals School Based.
ECDeliverySchedule	171.389.2	If [ECDeliverySchedule] = "07" [ECProgram] must = "03", "10" or "20"	1	Only Head Start, Early Head Start, or Early Head Start - Child Care Partnership programs can report a delivery schedule of Served by Family Child Care Center.
	171.389.4	If [ECDeliverySchedule] = "08" [ECProgram] cannot = "01"	1	If the delivery schedule is 08 (other) then ECprograms cannot be 01 (GSRP)
ECProgram	171.193.1	If [ECProgram] = "01", "02" or "21" the child's age must be < 5 on September 1 AND >=4 on December 1st of the current school year	1	Children must be less than 5 years old on September 1 AND greater than or equal to 4 years old on December 1st of the current school year to participate in a GSRP or GSRP/Head Start Blend program.
	171.193.2	If [ECProgram] = "01", "02" or "03" [ECDeliverySchedule] cannot be blank	1	EC Delivery Schedule is required for GSRP and Head Start.



ECProgram	171.193.3	If [ECProgram] = "01" or "02" AND [ECDeliverySchedule] = "05" or "06" the child may not be enrolled in Head Start (ECProgram = "03") at the same time. If enrolled in another district for one of these programs, check [ECProgramStartDate] and [ECProgramEndDate]. Child must be exited from a program in the district prior to enrollment in another. This rule is validating multiple EC Program Components within the same record as well as across submitting entities within the same collection window.	2	Children enrolled in GSRP and Head Start at the same time should only receive services from and be reported in the GSRP/Head Start Blend Program (program code 02).
	171.193.4	If [ECProgram] = "01" AND [ECDeliverySchedule] = "01" or "02" the child may be enrolled in Head Start (ECProgram = "03") at the same time only with [ECDeliverySchedule] = "01" or "02". This rule is validating multiple EC Program Components within the same record as well as across submitting entities within the same collection window.	2	Children enrolled in GSRP and Head Start at the same time should only receive services from and be reported in the GSRP/Head Start Blend Program (program code 02).
	171.193.6	If [ECProgram] = "02" or "03" AND [ECDeliverySchedule] = "05" or "06" the child may not be enrolled in GSRP (ECProgram = "01") at the same time. If enrolled in another district for one of these programs, check [ECProgramStartDate] and [ECProgramEndDate]. Child must be exited from a program in the district prior to enrollment in another. This rule is validating multiple EC Program Components within the same record as well as across submitting entities within the same collection window.	2	Children enrolled in GSRP and Head Start at the same time should only receive services from and be reported in the GSRP/Head Start Blend Program (program code 02).
	171.193.7	If [ECProgram] = "03" AND [ECDeliverySchedule] = "01" or "02" the child may be enrolled in GSRP (ECProgram = "01") at the same time only with an [ECDeliverySchedule] = "01" or "02". This rule is validating multiple EC Program Components within the same record as well as across submitting entities within the same collection window.	2	Children enrolled in Head Start and GSRP at the same time should only receive services from and be reported in the GSRP/Head Start Blend Program (program code 02).
	171.193.8	If [ECProgram] = "10" the child's age must be < 3 as of [ECProgramStartDate]	2	Children participating in Early Head Start are generally under 3 years of age. Children 3 or older may participate in some situations, such as the child will be transitioning to Head Start.
	171.193.9	If [ECProgram] = "18" the child's age must be < 8 as of November 1 of the current school year	2	A child must be less than 8 years old as of November 1 of the current school year to participate in the Early Childhood Block Grant program.
	171.193.10	If [ECProgram] = "10" the child's age cannot be > 3 as of [ECProgramEndDate]	2	A child participating in an Early Head Start program should be exited by 3 years old. Children 3 or older may participate in some situations, such as the child will be transitioning to Head Start.
	171.193.11	If [ECProgram] = "01" or "02" [FiscalEntityCode] must be a entity with an entity type in EEM of "ISD"	1	An ISD is always the fiscal entity for Great Start Readiness Programs.

ECProgram	171.193.13	If [ECProgram] = "02" [ECDeliverySchedule] must be "05" or "06"	1	GSRP/Head Start Blended Programs must be full-day programs.
	171.193.14	If [ECProgram] = "18" or "19" {SubmittingEntity}.[SubmittingEntityCode] must be an entity with an entity type in EEM of "ISD District"	1	Only an entity with an EEM type of ISD can submit records for students in Sec. 32p Early Childhood Block Grant or Section 32p(4) Home Visitation programs in an Early Childhood Collection.
	171.193.15	If [ECProgram] = "01" or "02" [ECDeliveryMethod] must be "1" or "2"	1	The delivery method must be School Based or Community Based for GSRP programs.
	171.193.16	If [ECProgram] = "03" then Age <6 on September 1 of the current school year.	2	Children participating in a Head Start program should be less than six years old on September 1 of the current school year to meet the school year age requirements for Head Start.
	171.193.18	If [ECProgram] = "19" the [Age] must be < 6 on September 1	1	A child must be less than 6 years old as of September 1 of the current school year to participate in the 32p(4) Home Visitation program.
	171.193.19	If [ECProgram] = "19" [ECDeliveryMethod] must be "3"	1	If a child is reported in a Section 32p(4) Home Visitation program, the EC Delivery Method "Home Based" must be selected.
	171.193.20	If [ECProgram] = "19" Then [ECProgramEndDate] < 6 years from [DateOfBirth]	1	Children participating in Section 32p(4) Home Visitation programs must be exited before their 6th birthday.
	171.193.21	If [ECProgram] = "01", "02" [ProviderLicenseNumber] cannot be blank	1	The Provider License Number must be submitted for children participating in a GSRP or GSRP/Head Start Blend (EC Program codes 01, 02). When a child is submitted with multiple EC Programs components, a Provider License Number must be submitted in each EC Programs component containing one of those codes.
	171.193.22	If [ECProgram] = "03" AND [ECDeliveryMethod] = '1' or '2' [ProviderLicenseNumber] cannot be blank	1	The Provider License Number must be submitted for children participating Head Start program (EC Program code 03) and delivery method is school based or community based.
	171.193.23	If [ECProgram] = "21" [ECDeliveryMethod] must be "4"	1	If a child is reported in GSRP Wait List program, the EC Delivery Method "None-Wait List" must be selected.
	171.193.24	If [ECProgram] <> "21" [ECDeliveryMethod] cannot be "4"	1	When a child is reported in a program other than GSRP Wait List (EC Program code 21), Delivery method of 04 (None-Wait List) cannot be selected.

ECProgramEndDate	171.392.1	[ECProgramEndDate] must be >= [ECProgramStartDate]	1	Program end date cannot be before the program start date.
	171.392.2	If [ECProgramExitReason] contains a value [ECProgramEndDate] cannot be blank	1	A program end date is required when the program exit reason field is populated.
	171.392.3	If the status of the [FiscalEntityCode] and/or [FiscalEntityCode2] in EEM is "closed" [ECProgramEndDate] cannot be blank	1	When a Fiscal Entity is closed, EC Program's End Date is required
	171.392.4	If the status of the [FiscalEntityCode] and/or [FiscalEntityCode2] in EEM is "closed" [ECProgramEndDate <= the closed date(s) in EEM of the [FiscalEntityCode] and/or [FiscalEntityCode2]	1	The program end date must be on or before the date a Fiscal Entity was reported as closed in the EEM.
	171.392.6	If [ECProgram] = "01" or "02" [ECProgramEndDate] must be >= September 1st of the current school year	1	The GSRP end date must be on or after September 1 of the current school year.
	171.392.8	If [ECProgram] <> "01" or "02" [ECProgramEndDate] must be >= September 1st of the current school year	2	It is unusual for a program end date to be before September 1 of the current school year.
	171.392.10	If CollectionName contains "Fall" or "Spring" [ECProgramEndDate] must be on or before the As of Date	1	The EC Program End Date must be on or before the as of date for this collection. Report program exits that occur after this collection period in the next collection.
	171.392.11	If CollectionName contains "EOP" [ECProgramEndDate] must be < September 15 of the next school year	1	The EC Program End Date must be prior to Sept. 15 of the next school year. Report program exits that occur on or after Sept. 15 in the EC Fall Collection.
	171.392.12	If CollectionName contains "EOP" [ECProgramEndDate] cannot be blank when [ECProgram] ="01" or "02"	1	Exit data must be reported in the EOP Collection for children in GSRP programs.
ECProgramExitReason	171.198.1	If [ECProgramEndDate] contains a value [ECProgramExitReason] cannot be blank	1	An exit reason is required when the program exit date field is populated.
ECProgramStartDate	171.195.1	[ECProgramStartDate] must be <= current date	1	Early Childhood Program Start Date cannot be after today's date.
	171.195.2	[ECProgramStartDate] must be >= {PersonalCore}.[Date of Birth]	1	Early Childhood Program Start Date cannot be prior to the student's date of birth.

ECPrograms

Last Updated: 7/19/2022

ECProgramStartDate	171.195.3	[ECProgramStartDate] must be >= the open date in EEM of the [FiscalEntityCode] and [FiscalEntityCode2]	1	A Fiscal Entity must be open-active on the program start date
	171.195.4	[ECProgramStartDate] must be < the closed date in EEM of the [FiscalEntityCode] and [FiscalEntityCode2]	1	A Fiscal Entity must be open-active on the program start date
FederalPovertyLevelQuintile	171.603.1	If {EC Programs} [EC Program] = "01", "02" or "21" [Federal Poverty Level Quintile] cannot be blank.	1	Federal Poverty Level Quintile is required for children enrolled in GSRP or GSRP/Head Start Blend or on a GSRP-Wait List.
FiscalEntityCode	171.194.1	If [FiscalEntityTypeCode] = "A" [FiscalEntityCode] must be a 9-character code	1	Fiscal Entity Type must be 'A' when Fiscal Entity Code is 9 characters.
	171.194.2	If [FiscalEntityTypeCode] = "D" [FiscalEntityCode] must be a 5-digit number	1	Fiscal Entity Code must be 5 characters when Fiscal Entity Type is "D".
	171.194.3	[FiscalEntityCode] must be a valid code in EEM AND within the entity type reported in [FiscalEntityTypeCode]	1	Fiscal Entity Code is blank or is not a valid Fiscal Entity Code.
	171.194.4	If {EC Programs}, [ECProgram] = "03" Head Start Then [FiscalEntityCode] must be valid Head Start Grantee (EEM Product ID 396)	2	The Fiscal Entity code entered must be the grantee receiving the Head Start funding.
	171.194.5	If {EC Programs}, [ECProgram] = "02" GSRP/HS Blend and [FiscalEntityCode2] is null Then [FiscalEntityCode] must be a valid Head Start Grantee (EEM Product ID 396)	2	When reporting a blend program, and the funding sources for GSRP and Head Start are different, the Head Start fiscal entity should be entered into Fiscal Entity Code 2 field. The Fiscal Entity code entered is not identified as a Head Start Grantee.
FiscalEntityCode2	171.621.1	[FiscalEntityCode2] can only be reported if [ECProgram] = "02" in that {ECPrograms}	1	The Fiscal Entity Code 2 characteristic can only be reported if the child is in a GSRP/Head Start Blend program.
	171.621.2	[FiscalEntityCode2] must be a valid 5-digit district number or 9-digit agreement number in EEM	1	Fiscal Entity Code 2 is not a valid Fiscal Entity Code in the EEM.
	171.621.3	[FiscalEntityCode2] cannot equal [FiscalEntityCode] in that {ECPrograms}	1	Blended programs with the same fiscal entity for both programs must report the code only once, in the Fiscal Entity Code characteristic.

ECPrograms

Last Updated: 7/19/2022

FiscalEntityCode2	171.621.4	If {EC Programs}, [ECProgram] = "02" GSRP/HS Blend and [FiscalEntityCode2] has a value Then [FiscalEntityCode2] must be a valid Head Start Grantee (EEM Product ID 396)	2	When reporting a blend program, and the funding sources for GSRP and Head Start are different, the Head Start fiscal entity should be entered into Fiscal Entity Code 2 field. Please ensure the Fiscal Entity Code 2 entered is the grantee receiving the Head Start funding
FiscalEntityTypeCode	171.205.1	[FiscalEntityTypeCode] must = "A" or "D"	1	The Fiscal Entity Type must be "A" or "D".
ProviderLicenseNumber	171.606.1	[ProviderLicenseNumber] must be in the format NNXXXXXXXXX (2 letters 9 numbers) OR begin with "tribal"	2	A Provider License Number must be in the format NNXXXXXXXXX (2 letters 9 numbers) OR begin with the word "tribal".
	171.606.2	If the {ECPrograms}. [ProviderLicenseNumber] is submitted it must be a valid number.	1	The Provider License Number submitted is not valid based on data from the Michigan Department of Licensing and Regulatory Affairs and Early Childhood Investment Corporation. Please review the record and report the correct Provider License Number.
QualifyingFactor	171.619.1	if [ECProgram]= "01", "02" or "21" then [QualifyingFactors] must be submitted in that {ECPrograms} component	1	When the EC Program indicates the child is eligible for GSRP or GSRP/Head Start Blend services, the Qualifying Factors characteristic must have at least one value reported.
	171.619.2	If [ECProgram] <> "01", "02" or "21" then [QualifyingFactors] cannot be submitted in that {ECPrograms} component	1	When the EC Program indicates the child is receiving services other than GSRP or GSRP/Head Start Blend, or on a GSRP-Wait List, the Qualifying Factors characteristic cannot be reported.
	171.619.3	If [QualifyingFactors] = "D", then no additional values can be selected for [QualifyingFactors] in that {ECPrograms} component	1	When the Qualifying Factors characteristic is reported with a value of "None", no other values can be selected.
	171.619.4	If [QualifyingFactors] = "A" or "B", then [FederalPovertyLevelQuintile] must = "01" in that {ECPrograms} component	1	When the Qualifying Factors characteristic is reported with a value of Homeless and/or Foster Care, the Federal Poverty Level Quintile reported must be 0 – 50% FPL.
	171.619.5	If [QualifyingFactors] = "A", then [AdditionalEligibilityFactors] submitted must include "07" in that {ECPrograms} component	1	When the Qualifying Factors characteristic is reported with a value of "Homeless", then the "Environmental risk" value must be selected in the Additional Eligibility Factors characteristic.
	171.619.6	If [QualifyingFactors] = "C", then [AdditionalEligibilityFactors] submitted must include "02" in that {ECPrograms} component	1	When the Qualifying Factors characteristic is reported with a value of "Qualifying IEP", then the "Diagnosed disability or identified developmental delay" value must be selected in the Additional Eligibility Factors characteristic.

SchoolFacilityNumber	171.285.1	[SchoolFacilityNumber] must be a valid code in EEM	1	The School Facility Number is invalid
	171.285.2	[SchoolFacilityNumber] must have an open date in EEM <= [ECProgramStartDate]	1	The entity reported in School Facility Number was not open on or before the EC Program Start Date reported.
	171.285.4	If [SchoolFacilityNumber] has a "closed" status in EEM the close date in EEM of the [SchoolFacilityNumber] must be >= [ECProgramEndDate]	1	The close date in EEM for the submitted School Facility Number must be the same as or after the EC Program End Date.
	171.285.5	If [SchoolFacilityNumber] has a "closed" status in EEM and the close date is prior to the collection open date the [SchoolFacilityNumber] cannot be submitted	1	The submitted School Facility Number has a close date in EEM that is prior to the collection open date and cannot be used
	171.285.6	If [SchoolFacilityNumber] has a "open" status in EEM and the open date is after the collection close date The [SchoolFacilityNumber] cannot be submitted.	1	The submitted School Facility Number has an open date that is after the collection close date and cannot be used.

Version History

Date	Description	Rule Affected	TFS Number	Updated By
3/20/2014	EC Delivery Schedule characteristic updates; removed codes 03 (Part-Day Home Based) and 04 (All Day Alternative Day) from the list of values. Changed the description of codes 05 and 06 from "Full-Day" to "School-Day".			schalkt
4/3/2017	New characteristic "EC Comment" added to the component.			wiseleys
4/2/2018	Creation of new characteristic			lozanos
4/2/2018	Creation of new characteristic			lozanos
6/11/2021	Updated Federal Poverty Level Characteristic. Removal of the temporary additional ranges.			lances1
6/30/2022	Trillium entry of older children in Fall in error need to exit.	171.193.1		lances1
6/30/2022	Return to error after Trillium Academy update on 2 kids entered in error.	171.193.1		lances1

User Guide

Collection Matrix

**Component Status**

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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**

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

**Characteristic Description**

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

**Data Type**

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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 decimal 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**

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- 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.