

TSDS: Residential Facility Tracker Promotion Logic

Aligned with TEDS 2027.2.0

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To use the simplified promotion logic documents effectively, start by identifying the relevant Core Category and Subcategory Base Logic for data promotion. The chart will help you determine the originating Domain and Entity for each data element. Then, follow the logic flow in the final column to support troubleshooting of promoted data.

Click [Promotion Logic Document](#) to access the full guide to using this resource.

NOTE: 'null' = blank or omitted in the JSON

The key icon  indicates a data element that is used to uniquely identify a promoted record (called "primary key"). One or more key-designated data elements may be required to form the complete primary key. Records with matching primary key values may result in a data promotion error.

Education Organization > Local Education Agency

Base Logic:

The system shall only promote **Local Education Agency subcategory** data

- WHERE the EducationOrganization data element has been reported in the LocalEducationAgency entity

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Education Organization	LocalEducationAgency	E0212 LocalEducationAgencyId 	Data is promoted as reported
Education Organization	LocalEducationAgency	E3037 NameOfInstitution	The LEA name that is promoted will come from AskTED based on the date of the organization's most recent promotion of the Local Education Agency subcategory.

Education Organization > Campus

Base Logic: The system shall only promote **Campus subcategory** data

- WHERE the SchoolId has been reported in the School entity

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Education Organization	School	E0266 SchoolId 	Data is promoted as reported
Education Organization	School	E3037 NameOfInstitution	The campus name that is promoted will come from AskTED based on the date of the organization's most recent promotion of the Campus subcategory.

Education Organization > Residential Facility

Base Logic:

The system shall promote **Residential Facility Information** subcategory data

- FOR residential facilities with the following
 - WHERE data is reported for the Student in the Alternative and Supplemental Services Domain> StudentSpecialEducationProgramAssociation WHERE Program is '33'
 - AND at least one instance of StudentSpecialEducationProgramAssociation.StudentResidentialFacilityAssociation
 - WHERE DateEnteredRF is greater than or equal to the first day of school
(First day of school is defined as the earliest instructional day for the given LEA from CalendarDate)
- Only promote once per ResidentialFacilityID

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentResidentialFacilityAssociation	E1627 ResidentialFacilityID 	Data is promoted as reported
N/A	N/A	Residential Facility Name Secure Indicator	This information will be promoted from AskTED based on the date of the organization's most recent promotion of the Residential Facility subcategory. Set to null if the Residential Facility does not exist in AskTED

Student > Student Basic Information

Base Logic: The system shall only promote the **Student Basic Information subcategory** data

- WHERE data is reported for the Student in the Alternative and Supplemental Services Domain>
StudentSpecialEducationProgramAssociation WHERE Program is '33'
- AND at least one instance of StudentResidentialFacilityAssociation
 - WHERE DateEnteredRF is greater than or equal to the first day of school
(First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Student Identification and Demographics	Student	E1523 StudentUniqueid  E0703 FirstName E0704 MiddleName E0705 LastSurname E0706 GenerationCode E0006 BirthDate E0923 LocalStudentID	Data is promoted as reported
Student Identification and Demographics	StudentEducationOrganization Association	E1325 Sex	Data is promoted as reported
Student Identification and Demographics	StudentEducationOrganization Association	E1064 HispanicLatinoEthnicity	TEA will promote a value of '1' • WHERE HispanicLatinoEthnicity = 'true'

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Student Identification and Demographics	StudentEducationOrganization Association	E3050 Race	TEA will promote a value of '1' WHERE: • Race descriptor = '01' (<i>American Indian-Alaskan Native</i>) • Race descriptor = '02' (<i>Asian</i>) • Race descriptor = '03' (<i>Black-African American</i>) • Race descriptor = '04' (<i>Native Hawaiian-Pacific Islander</i>) • Race descriptor = '05' (<i>White</i>) Otherwise, promote a value of '0'
N/A	N/A	Residential Facility Indicator	TEA will promote a value of '1'

Student > Enrollment (Programs)

Base Logic: The system shall only promote the **Student Enrollment (Programs) subcategory** data

- WHERE data is reported for the Student in the Alternative and Supplemental Services Domain>
StudentSpecialEducationProgramAssociation WHERE Program is '33'
- AND at least one instance of StudentResidentialFacilityAssociation
 - WHERE DateEnteredRF is greater than or equal to the first day of school
(First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgram Association	Student (<i>reference</i>) 🔑	Data is promoted as reported
Alternative and Supplemental Services	StudentSpecialEducationProgram Association	Program (<i>reference</i>)	TEA will promote a value of '1' • WHERE ProgramType = '33' (<i>Special Education</i>) • AND StudentSpecialEducationProgramAssociation.EndDate <u>is null or after</u> the first day of school Otherwise, promote a value of '0'

Student > Student Residential Facility

Base Logic: The system shall only promote the **Student Residential Facility subcategory** data

- WHERE data is reported for the Student in the Alternative and Supplemental Services Domain>
StudentSpecialEducationProgramAssociation WHERE Program is '33'
 - AND StudentResidentialFacilityAssociation.DateEnteredRF is greater than or equal to the first day of school
 - AND StudentSpecialEducationProgramAssociation.EndDate is null
 - OR StudentResidentialFacilityAssociation.DateEnteredRF is less than
StudentSpecialEducationProgramAssociation.EndDate
 - AND StudentResidentialFacilityAssociation.DateExitedRF is null
 - OR StudentResidentialFacilityAssociation.DateExitedRF is greater than
StudentSpecialEducationProgramAssociation.BeginDate
- (First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

NOTE: The StudentResFacAssocSetBeginDate and StudentSchoolAssociation.EntryDate updates the effective date. Only one record can be written for each effective date, and all the changes from both entities should be included.

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	Student (<i>reference</i>)  E1627 ResidentialFacilityID  E1630 DateEnteredRF  E1631 DateExitedRF E1636 NumberOtherStudentsAssignedSameSurrogateParent E1637 ResidentialFacilityStudentSchoolDayLength E1638 CampusIdOfEnrollmentSchoolDayLength	Data is promoted as reported

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E1633 AttendanceZoneCampus	Data promoted as reported • UNLESS AttendanceZoneCampus number is less than 9 digits • THEN TEA will insert a leading zero(s)
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E1634 EducatedAtResidentialFacility	TEA will promote a value of '1' • WHERE EducatedAtResidentialFacility is 'true' Otherwise, promote a value of '0'
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E1635 SurrogateParentAssigned	TEA will promote a value of '1' • Where SurrogateParentAssigned is 'true' Otherwise, promote a value of '0'
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3064 StudentResFacAssocSetBeginDate	Data is promoted as reported
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E0173 InstructionalSetting	Promote InstructionalSetting • WHERE latest InstructionalSettingBeginDate <u>is less than or equal to</u> StudentResidentialFacilityAssociation.DateEnteredRF • AND InstructionalSettingEndDate <u>is null or</u> InstructionalSettingEndDate <u>is greater than or equal to</u> StudentResidentialFacilityAssociation.DateEnteredRF

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Enrollment	StudentSchoolAssociation	E1517 EntryGradeLevel	Upon Entry to Residential Facility - Promote the EntryGradeLevel with the latest EntryDate that is <u>on or before</u> the StudentResidentialFacilityAssociation.DateEnteredRF While Student Resides in the Residential Facility - Promote any EntryGradeLevel changes where EntryDate falls between StudentResidentialFacilityAssociation.DateEnteredRF and StudentResidentialFacilityAssociation.DateExitedRF After Exiting Residential Facility - Do not promote any EntryGradeLevel changes where EntryDate is after StudentResidentialFacilityAssociation.DateExitedRF For EntryGradeLevel TEA will promote the long description from C050 Example: 'First Grade' where EntryGradeLevel = '01'

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Enrollment	StudentSchoolAssociation	School (<i>reference</i>)	Upon Entry to Residential Facility - Promote School (<i>Campus ID of Enrollment</i>) with the latest EntryDate <u>is on or before</u> the StudentResidentialFacilityAssociation.DateEnteredRF While Student Resides in the Residential Facility - Promote any school changes (<i>new Campus ID of Enrollment</i>) that occur <u>between</u> StudentResidentialFacilityAssociation.DateEnteredRF and StudentResidentialFacilityAssociation.DateExitedRF After Exiting Residential Facility - Do not promote school changes where EntryDate is after StudentResidentialFacilityAssociation.DateExitedRF
Enrollment	StudentSchoolAssociation	E3023 EntryDate 	Data is promoted as reported

Student > Special Education Program (Instructional Setting)

Base Logic: The system shall only promote the **Student Special Education Program subcategory** data

- WHERE data is reported for the Student in the StudentSpecialEducationProgramAssociation where Program is '33'
- AND at least one instance of StudentResidentialFacilityAssociation.DateEnteredRF is greater than or equal to the first day of school.
(First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	Student (<i>reference</i>) 🔑	Data is promoted as reported.
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E0173 InstructionalSetting	Promote each instance of InstructionalSetting • WHERE InstructionalSettingEndDate is <u>null or after</u> the first day of school
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3025 InstructionalSettingBeginDate 🔑	Data is promoted as reported for each instance <i>The InstructionalSettingBeginDate could be from the current school year or a prior school year.</i>

Student > Special Education Program (Disabilities)

Base Logic: The system shall only promote the **Student Special Education Program subcategory** data

- WHERE data is reported for the Student in the StudentSpecialEducationProgramAssociation where Program is '33'
- AND at least one instance of StudentResidentialFacilityAssociation.DateEnteredRF is greater than or equal to the first day of school
(First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

NOTE: The DisabilitySetBeginDate and DisabilitySetEndDate update the effective date. The promotion logic for the effective date is included in the Disability promotion logic. Only one record can be written for each effective date and will include all the changes for the Disabilities on that effective date.

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	Student (<i>reference</i>) 🔑	Data is promoted as reported
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3015 Disability (<i>Primary</i>) E3016 DisabilitySetBeginDate 🔑 E3017 DisabilitySetEndDate	Promoted each instance of Disability (<i>Primary</i>) • WHERE OrderOfDisability = 1 • AND DisabilitySetEndDate <u>is null or after</u> the first day of school
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3015 Disability (<i>Secondary</i>) E3016 DisabilitySetBeginDate 🔑 E3017 DisabilitySetEndDate	Promoted each instance of Disability (<i>Secondary</i>) • WHERE OrderOfDisability = 2 • AND DisabilitySetEndDate <u>is null or after</u> the first day of school
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3015 Disability (<i>Tertiary</i>) E3016 DisabilitySetBeginDate 🔑 E3017 DisabilitySetEndDate	Promoted each instance of Disability (<i>Tertiary</i>) • WHERE OrderOfDisability = 3 • AND DisabilitySetEndDate <u>is null or after</u> the first day of school

Student > Special Education Program (Services)

Base Logic: The system shall only promote the **Student Special Education Program subcategory** data

- WHERE data is reported for the Student in the StudentSpecialEducationProgramAssociation where Program is '33'
- AND at least one instance of StudentResidentialFacilityAssociation.DateEnteredRF is greater than or equal to the first day of school
(First day of school is defined as the Earliest instructional day for the given LEA from CalendarDate)

NOTE: The ServiceBeginDate and ServiceEndDate update the effective date. The promotion logic for the effective date is included in the Special Education Program Services promotion logic. Only one record can be written for each effective date and will include all the changes for the Special Education Program Services on that effective date.

DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	Student (<i>reference</i>) 🔑	Data is promoted as reported
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3058 SPEDProgramSvc 🔑 E3055 ServiceBeginDate 🔑 E3056 ServiceEndDate	TEA will promote a value of '3' for each instance • WHERE SPEDProgramSvc = 22 (<i>Receiving Instructional Services from RDSPD</i>) • AND ServiceEndDate <u>is null or after</u> the first day of school Otherwise, a value of '0' will be promoted TEA will promote a value of '0' for subsequent instances • WHERE SPEDProgramSvc is reported • AND ServiceEndDate is not null • AND ServiceEndDate is after the first day of school

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC																														
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3058 SPEDProgramSvc 🔑	TEA will promote a value of '1' to the corresponding column for each instance • WHERE SPEDProgramSvc is reported • AND ServiceEndDate <u>is null or after</u> the first day of school <table border="1"><thead><tr><th>E3058 SPEDProgramSvc</th><th>Core Data Mart Column/C341 Short Description</th></tr></thead><tbody><tr><td>'01'</td><td>Social Work Services</td></tr><tr><td>'10'</td><td>Psychological Services</td></tr><tr><td>'11'</td><td>Physical Therapy Services</td></tr><tr><td>'12'</td><td>Recreation Incl Therapeutic Rec</td></tr><tr><td>'13'</td><td>Counseling Services</td></tr><tr><td>'14'</td><td>Orientation and Mobility</td></tr><tr><td>'15'</td><td>Medical Services</td></tr><tr><td>'16'</td><td>School Health and/or School Nurse Services</td></tr><tr><td>'17'</td><td>Assistive Technology Device or Related Services</td></tr><tr><td>'18'</td><td>Audiological Services</td></tr><tr><td>'19'</td><td>Early Childhood Special Education Services</td></tr><tr><td>'20'</td><td>Early Childhood Intervention Services</td></tr><tr><td>'21'</td><td>Occupational Therapy</td></tr><tr><td>'26'</td><td>Special Education Transportation Services</td></tr></tbody></table> Otherwise, a value of '0' will be promoted TEA will promote a value of '0' for subsequent instances • WHERE SPEDProgramSvc is reported • AND ServiceEndDate is not null • AND ServiceEndDate is after the first day of school	E3058 SPEDProgramSvc	Core Data Mart Column/C341 Short Description	'01'	Social Work Services	'10'	Psychological Services	'11'	Physical Therapy Services	'12'	Recreation Incl Therapeutic Rec	'13'	Counseling Services	'14'	Orientation and Mobility	'15'	Medical Services	'16'	School Health and/or School Nurse Services	'17'	Assistive Technology Device or Related Services	'18'	Audiological Services	'19'	Early Childhood Special Education Services	'20'	Early Childhood Intervention Services	'21'	Occupational Therapy	'26'	Special Education Transportation Services
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		E3056 ServiceEndDate																															

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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC																		
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3058 SPEDProgramSvc 🔑	Promote Interpreting Services data - WHERE SPEDProgramSvc is reported according to the below chart - AND ServiceEndDate <u>is null or after</u> the first day of school <table border="1"><tr><td>E3058 SPEDProgramSvc</td><td>Interpreting Services Type Code/C341 Short Description</td></tr><tr><td>'02'</td><td>'01' Oral Transliteration</td></tr><tr><td>'03'</td><td>'02' CUED Language Transliteration</td></tr><tr><td>'04'</td><td>'03' Sign Language Transliteration</td></tr><tr><td>'05'</td><td>'04' Sign Language Interpreting</td></tr><tr><td>'06'</td><td>'05' Communication Access Realtime Translation CART</td></tr><tr><td>'07'</td><td>'06' C-Print</td></tr><tr><td>'08'</td><td>'07' Type Well</td></tr><tr><td>'09'</td><td>'08' Deaf-Blind Interpreting Services</td></tr></table> Otherwise, a value of '0' will be promoted TEA will promote a value of '00' for subsequent instances - WHERE SPEDProgramSvc is reported - AND ServiceEndDate is not null - AND ServiceEndDate is after the first day of school	E3058 SPEDProgramSvc	Interpreting Services Type Code/C341 Short Description	'02'	'01' Oral Transliteration	'03'	'02' CUED Language Transliteration	'04'	'03' Sign Language Transliteration	'05'	'04' Sign Language Interpreting	'06'	'05' Communication Access Realtime Translation CART	'07'	'06' C-Print	'08'	'07' Type Well	'09'	'08' Deaf-Blind Interpreting Services
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DOMAIN	ENTITY	DATA ELEMENT	PROMOTION LOGIC								
Alternative and Supplemental Services	StudentSpecialEducationProgramAssociation	E3058 SPEDProgramSvc 🔑	Promote Speech Therapy Services data - WHERE SPEDProgramSvc is reported according to the below chart - AND ServiceEndDate <u>is null or after</u> the first day of school <table><tr><td>E3058 SPEDProgramSvc</td><td>Speech Therapy Services/C341 Short Description</td></tr><tr><td>'0'</td><td>'23' Student Receiving SPED Svc Does Not Receive Speech Therapy</td></tr><tr><td>'1'</td><td>'24' Student Receiving SPED Svc Receives Speech Therapy Only</td></tr><tr><td>'2'</td><td>'25' Student Receiving SPED Svc Rec Speech Therapy and other SPED Instr Setting</td></tr></table>	E3058 SPEDProgramSvc	Speech Therapy Services/C341 Short Description	'0'	'23' Student Receiving SPED Svc Does Not Receive Speech Therapy	'1'	'24' Student Receiving SPED Svc Receives Speech Therapy Only	'2'	'25' Student Receiving SPED Svc Rec Speech Therapy and other SPED Instr Setting
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