CHANGE LOG

Date	Version	By	ID Num.	Change	Reason	Notes
4/8/2011	v2.0	Quint	All Extended Elements	Changed the format of the extended elements to a single extend edelement for each object with a complex structure below that element. See document "Utah SIF ExtendedElements" for a complete explanation	Improve the manner in which extendedelements are defined within an object	
4/8/2011	v2.0	Quint	UT.034	Added Note and References	Clarify the useage of Yes/No	
4/8/2011	v2.0	Quint	UT.053	Changed mapping from StudentParticipation/ProgramExitDate to StudentPersonal/SpecialEdExitDate	This is a single date related to the student and not a specific program	
4/8/2011	v2.0	Quint	UT.061	Changed description	Normalize description with the Clearinghouse Spec.	
4/8/2011	v2.0	Quint	UT.069	Changed mapping from an ExtendedElement to StudentParticipation/LeastRestrictiveEnvironment/OtherCodeList[@CodeSet='StateProvince']	Improved mapping	
4/8/2011	v2.0	Quint	UT.072	Changed mapping from an ExtendedElement to StudentParticipation/LeastRestrictiveEnvironment/OtherCodeList[@CodeSet='StateProvince']	Improved mapping	
4/8/2011	v2.0	Quint	UT.077	Fixed mapping for SchoolCourseInfo/Coursecode	Fixed error in mapping	
4/8/2011	v2.0	Quint	UT.083	Changed mapping from using TermInfo/EndDate and TermInfo/TermSpan to using TermInfoStartDay and TermInfo/RelativeDuration	Improved mapping	
4/8/2011	v2.0	Quint	UT.089	Added Note and References	Added translation information	
4/8/2011	v2.0	Quint	UT.090	Change mapping from SectionInfo/ExtendedElements/ExtendedElement[@Name='InstructSetting'] to SectionInfo/MediumOfInstruction/OtherCodeList[@CodeSet='StateProvince']	Improved mapping	
4/8/2011	v2.0	Quint	UT.091	Change mapping from SectionInfo/ExtendedElements/ExtendedElement[@Name='StateTermCode'] to TermInfo/TermCode	Improved mapping. Use translations to normalize LEA termcodes to state termcodes	
4/8/2011	v2.0	Quint	UT.096	Changed mapping from using StudentSectionMarks to StudentGrades/Letter/Grade	Improved mapping. StudentGrade is cleaner and requires less overhead	
4/8/2011	v2.0	Quint	UT.099	Changed mapping from using StudentSectionMarks to StudentGrade/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:StudentGradeExtensions/ut:CreditsEarned	Improved mapping. StudentGrade is cleaner and requires less overhead	
4/8/2011	v2.0	Quint	UT.101	Changed mapping from an extended element to DisciplineIncident/RelatedToList/RelatedTo and added a Note: 3068=GangRelated	Improved mapping and added note	
4/8/2011	v2.0	Quint	UT.105	Changed mapping to include DisciplineIncident/VictimList/Victim/Injury	Improved mapping	
4/8/2011	v2.0	Quint	UT.111	Changed mapping from DisciplineIncident/IncidentActionList/IncidentAction/PoliceNotification to DisciplineIncident/OffenderList/Offender/ActionList/Action/PoliceNotification	Corrected mapping.	

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4/8/2011	v2.0	Quint	UT.112	Changed mapping from DisciplineIncident/IncidentActionList/IncidentAction/CourtReferral to DisciplineIncident/OffenderList/Offender/ActionList/Action/Code	Corrected mapping and added note	
4/8/2011	v2.0	Quint	UT.114	Changed mapping to include DisciplineIncident/OffenderList/Offender/ActionList/Action/Code	Improved mapping and added note	
4/8/2011	v2.0	Quint	UT.115	Changed mapping from DisciplineIncident/IncidentActionList/IncidentAction/HearingOfficerRemoval to DisciplineIncident/OffenderList/Offender/ActionList/Action/Code	Corrected mapping and added note	
4/8/2011	v2.0	Quint	UT.135	Added Note and References	This value is calculated in the manifest by totaling credits received from all marking periods for a specific course	
4/8/2011	v2.0	Quint	UT.139	Removed the word "Summary" from SchoolAttendanceHistory	Corrected mapping	
4/8/2011	v2.0	Quint	UT.140	Removed the word "Summary" from SchoolAttendanceHistory	Corrected mapping	
4/8/2011	v2.0	Quint	UT.141	Changed mapping from an extendedelement to SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/AddressList/Address/City	Corrected mapping	
4/8/2011	v2.0	Quint	UT.142	Changed mapping from an extendedelement to SchoolAttendanceHistory/SchoolAttended/SchoolInfoData/AddressList/Address/State	Corrected mapping	
4/8/2011	v2.0	Quint	UT.144	Fixed mapping for StudentAcademicRecord/CourseHistory/Term/Courses/Course/MarkingPeriods/MarkingPeriod/CourseCreditsEarned	Corrected mapping and added Note	
4/8/2011	v2.0	Quint	UT.148	Added Note and References	Specified which assessments are reported	
4/8/2011	v2.0	Quint	UT.153	Added Note and References	Specified which subtests are reported	
4/8/2011	v2.0	Quint	UT.157	Changed mapping from StudentPersonal/GraduationDate to StudentAcademicRecord/AcademicPerformanceSummary/GraduationDate	More flexibility in mapping this in StudentPersonal AND StudentAcademicRecord.	
4/8/2011	v2.0	Quint	UT.158	Changed element name from STUDENT START DATE TO STUDENT ENTRY DATE	Consistency	
4/8/2011	v2.0	Quint	UT.162	Removed element "CREDITS REQUIRED"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.163	Removed element "CREDIT BALANCE NEEDED"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.164	Removed element "TOTAL GPA POINTS"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.167	Added Note and References	Optional element. Manifest will calculate if not provided by SIS SIF Agent	

Date	Version	By	ID Num.	Change	Reason	Notes
4/8/2011	v2.0	Quint	UT.170	Remove element "GRADE 9 CUMULATIVE CREDITS"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.173	Remove element "GRADE 10 CUMULATIVE CREDITS"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.176	Remove element "GRADE 11 CUMULATIVE CREDITS"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.179	Remove element "GRADE 12 CUMULATIVE CREDITS"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.181	Added element STUDENT ADDRESS LINE 2	Optional element.	
4/8/2011	v2.0	Quint	UT.192	Changed UT.192, School of Record, to UT.201, School of Record	This ID Num was a duplicate of Counselor Phone on the S1 record.	
4/8/2011	v2.0	Quint	UT.200	Removed element "SCHOOL FAX"	Not required or needed per meeting on 3/2/2011	
4/8/2011	v2.0	Quint	UT.201	Changed UT.192, School of Record, to UT.201, School of Record	This ID Num was a duplicate of Counselor Phone on the S1 record.	
4/8/2011	v2.0	Quint	UT.202	Added element "STUDENT UN-WEIGHTED GPA"	Specify an un-weighted GPA for transcripts	
4/8/2011	v2.0	Quint	UT.203	Added element "STUDENT WEIGHTED GPA"	Specify an optional, weighted GPA for transcripts	
4/8/2011	v2.0	Quint	UT.204	Added element "STUDENT PARENT/GUARDIAN FIRST NAME"	No mapping existed. Optional element	
4/8/2011	v2.0	Quint	UT.205	Added element "STUDENT PARENT/GUARDIAN LAST NAME"	No mapping existed. Optional element	
4/8/2011	v2.0	Quint	UT.206	Added element "DIPLOMA TYPE"	No mapping existed. Optional element	
4/27/2011	v2.1	Quint	UT.064	Changed mapping from StudentParticipation/StudentParticipantionAsOfDate to StudentParticipation/ProgramPlacementDate	Improved mapping	
4/27/2011	v2.1	Quint	UT.073	Changed mapping from StudentParticipation/StudentParticipantionAsOfDate to StudentParticipation/ProgramPlacementDate	Improved mapping	
4/27/2011	v2.1	Quint	UT.079	Changed mapping from LEAInfo/StateProvinceId to SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='WhereTaughtDist']	Corrected mapping. Added note	
4/27/2011	v2.1	Quint	UT.080	Changed mapping from SchoolInfo/StateProvinceId to SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='WhereTaughtSchll']	Corrected mapping. Added note	
5/17/2011	V2.1	Quint	UT.207	Added SchoolInfo ExtendedElement for School Code (CEEB)	Differentiated between StateProvinceId and the CEEBACT code. Optional Element	
5/18/2011	V2.1	Quint	n/a	Added Worksheet for SIF Objects List	Provide a summary of which SIF Objects are required for the collection, eTrans and SLF. Also contains required provisioning	
5/20/2011	V2.1	Quint	UT.081	Added Alternative Mapping SectionInfo/SIF_ExtendedElements/SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ ut:SectionInfoExtensions/ut:Teacher1ID	Provide an alternative mapping that does not require StaffPersonal Object	

Date	Version	By	ID Num.	Change	Reason	Notes
5/20/2011	V2.1	Quint	UT.083	Added Alternative Mapping SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:SchoolCourseInfoExtensions/ut:SemesterLength	Provide an alternative mapping that does not require TermInfo Object	
5/20/2011	V2.1	Quint	UT.086	Added Alternative Mapping SectionInfo/SIF_ExtendedElements/SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:SectionInfoExtensions/ut:Teacher2ID	Provide an alternative mapping that does not require StaffPersonal Object	
5/20/2011	V2.1	Quint	UT.087	Added Alternative Mapping SectionInfo/SIF_ExtendedElements/SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:SectionInfoExtensions/ut:Teacher3ID	Provide an alternative mapping that does not require StaffPersonal Object	
5/20/2011	V2.1	Quint	UT.091	Added Alternative Mapping SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:SchoolCourseInfoExtensions/ut:TermCode	Provide an alternative mapping that does not require TermInfo Object	
5/20/2011	V2.1	Quint	UT.096	Added Alternative Mapping StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:StudentSectionEnrollmentExtensions/ut:GradeEarned	Provide an alternative mapping that does not require StudentGrade Object	
5/20/2011	V2.1	Quint	UT.099	Added Alternative Mapping StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ut:StudentSectionEnrollmentExtensions/ut:CreditsEarned	Provide an alternative mapping that does not require StudentGrade Object	
7/6/2011	V2.2	Jim	All Extended Elements	Removed namespace reference 'ut:' from extended element xpaths.	Namespace not supported yet, format incorrect for when it becomes so.	
8/5/2011	V2.2	Jim	UT.112, UT.115	Changed OtherCodeList/OtherCode to Code. Also added NCES code identifiers to Discipline mappings.	Copy-paste error. Element mapping uses standard NCES codes.	
9/14/2011	v2.3	Jim	UT.079, UT080	Changed CourseMembership ('AM') WhereTaughtDist and WhereTaughtSchl mapping from SchoolCourseInfo to SectionInfo extended elements.	SectionInfo had been intended (see 4/27/2011 entries), SchoolCourseInfo entered inadvertantly.	Left SchoolCourseInfo as alternative mapping. Manifest modifed to use either, SectionInfo has priority.
9/14/2011	v2.3	Jim	UT.119 - UT.130	Changed DisciplineIncident secondary InvolvementType extended elements from all 'Secondary' to 'Secondary1', 'Secondary2', 'Secondary3', 'Secondary4'.	Facilate populating Incident Association ('I2') table in Manifest.	
9/14/2011	v2.3	Jim	UT.097, UT.190, UT.191	Made alternative mapping (using SIF_ExtendedElements) the primary one.	Former alternative mapping was preferred method.	Alternative mapping uses CalendarDate, also BellSchedule for UT.097.
9/20/2011	v2.3	Jim	Extended Elements	Corrected typo: changed 'Extenstions' to 'Extensions'.	Typo had been copied to several extended elements.	
9/20/2011	v2.3	Jim	UT.188, UT.189	Removed 'Actual' suffix from element names, added note that SIF value should be Equivalent Days, prorated for FTE.	SIS2000 and PowerSchool both return Equivalent Day value through agent. 'Actual' suffix misleading.	Data spec modified accordingly.

Date	Version	By	ID Num.	Change	Reason	Notes
9/20/2011	v2.3	Jim	UT.190, UT.191	Removed 'Actual' suffix from element names, added note that extended element value should be Equivalent Days, prorated for FTE.	SIS2000 and PowerSchool both return Equivalent Day value through agent. 'Actual' suffix misleading.	Data spec modified accordingly. Also added note about FTE prorating and equivalent day conversion if value is calculated from entry/exit dates.
10/5/2011	v2.3	Jim	UT.110	Changed mapping to: If value is 3086 or 3101 then 'Y' otherwise 'N' (NECS 1054). Was: If value is 3087 or 3102 then 'N' otherwise 'Y'.	Prior mapping not consistent with SIS2000 flat-file output.	Previous mapping had 'Y' unless services explicitly excluded. New mapping has 'N' unless services explicitly included.
1/18/2012	v2.4	Jim	UT.097, UT.190, UT.191	Removed alternate mapping. Agent must provide value in extended element (primary mapping).	Existing agents use extended element, any future agent should use existing flat-file algorithm.	Also removed CalendarDate and BellSchedule from SIF Objects List
1/18/2012	v2.4	Jim	UT.077	Added alternative mappings where agent provides combined unique Id.	Alternative mappings already in use by SIS2000 and PowerSchool.	
1/20/2012	v2.4	Jim	All	Sorted alphabetically by record type and record name.	Had become disorganized.	
1/20/2012	v2.4	Jim	AC records	Added ExcludeFromStateReporting extended element on SchoolCourseInfo and SectionInfo.	Metadata to determine excluded records, not a reported element.	Manifest also excludes associated AM records.
2/15/2012	v2.4	Jim	SC & S1 records	Added ExcludeFromStateReporting extended element on SchoolInfo, StudentPersonal, and StudentSchoolEnrollment.	Metadata to determine excluded records, not a reported element.	Manifest also excludes associated records. SchoolInfo: SC, S1, AC, AM StudentPersonal: S1, S2, S3, AM StudentSchoolEnrollment: AM
2/17/2012	v2.4	Jim	UT.146	Removed element (Transcript Decimal Grade).	Update to match data spec and code, inadvertantly left in SIF profile.	Had been proposed but removed during USOE Trascript discussions Jan 2011.
2/21/2012	v2.4	Jim	SIF Objects List	Added section on VRF Environment Variable usage to SIF Objects tab and corresponding notes in Profile.	Previously not in document.	Added three new environment variables in manifest.
2/28/2012	v2.4	Jim	SIF Objects List	Added Vrf.Property.ProrateMembershipDays to VRF Environment Variable Notes and corresponding elements in Profile.	New environment variable, required for SIS2000.	Changed page orientation to landscape.
5/15/2012	v2.4	Jim	UT.022	Added new mapping for S1 Grade Level.	Multiple enrollments at same school may have different grade levels.	Manifest uses old mapping where new one not implemented.
5/31/2012	v2.4	Jim	UT.024, UT.094	Added new extended element mapping for ExitDate and CourseExitDate.	Extended element ReportedExitDate is day after final day.	Manifest uses old mapping where new one not implemented. Some agents may publish day after final day as ExitDate, though not SIF spec.
5/31/2012	v2.4	Jim	UT.041, UT.042	Added new other code mapping for ELL Parent and Native Language.	Other code should always match UT codes.	Manifest uses old mapping where new one not implemented.
7/13/2012	v2.4	Jim	UT.003 on S2 & S2	Added preferred SchoolNumber link, StudentParticipation / ManagingSchool.	Provides positive link where student had enrollments at multiple schools.	Not available in VRF versions prior to July 2012.
7/13/2012	v2.4	Jim	UT.096	Added required Grade fields (Letter, Percentage, Numeric) and note on StudentGrade/Grade	All three fields required for calculating reported value.	No change for alternative extended element.
7/13/2012	v2.4	Jim	UT.034	Added new preferred extended element mapping.	Old mapping provides only 'Y' or blank - no provision for 'F' or 'R'.	Old mapping still supported.

Date	Version	By	ID Num.	Change	Reason	Notes
9/6/2012	v2.5	Clint	UT.208	Added Read Grade Level Fall extended element	New column required for DIBELS	
9/6/2012	v2.5	Clint	UT.209	Added Read Grade Level Spring extended element	New column required for DIBELS	
9/17/2012	v2.5	Clint	UT.211	Added Early Graduate extended element	New flag required for SEOP	
9/20/2012	v2.5	Clint	UT.131	Removed UptdatedStatus extended element	Abandoned due to new S1 method of status updates	
9/20/2012	v2.5	Clint	UT.211	Added CausedSeriousBodilyInjury extended element	New flag required for IDEA	
11/11/2012	V2.6	Quint	UT.188	Added Alternative Mapping StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions]/StudentSchoolEnrollmentExtensions/DaysAttended	Gives an alternative to publishing the StudentAttendanceSummary object for the SIS Agents.	Requires the Property Vrf.Target.usesStudentAttendanceSummary. Default will be 'true'. Skyward will be 'false'
11/11/2012	V2.6	Quint	UT.189	Added Alternative Mapping StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions]/StudentSchoolEnrollmentExtensions/DaysInMembership	Gives an alternative to publishing the StudentAttendanceSummary object for the SIS Agents.	Requires the Property Vrf.Target.usesStudentAttendanceSummary. Default will be 'true'. Skyward will be 'false'
11/11/2012	V2.6	Quint	SIF Objects List	Added Vrf.Target.usesStudentAttendanceSummary to VRF Environment Variables	To allow SIS agents to either publish StudentAttendanceSummary or ExtendedElements on StudentSchoolEnrollment for DaysAttended and DaysInMembership	Default='true' - Skyward will use 'false'

SIF PROFILE

This USBE SIF Profile is based upon the SIF specification 2.4 and IS NOT inclusive of all the data elements that are required according to this specification. Other data elements that are required by the SIF Specification will also need to be provided with an appropriate mapping or default value.

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
	AC	** METADATA ** EXCLUDE FROM STATE REPORTING	Flag that record should be excluded from State Reporting	SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolCourseInfoExtensions/ExcludeFromStateReporting SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SectionInfoExtensions/ExcludeFromStateReporting	Used only for records to be excluded. Will also exclude associated AM records. * PREFERRED METHOD * Agent doesn't publish records flagged for exclusion from state reporting		SchoolCourseInfo
UT.082	AC	CIP CODE NUMBER	Where the concurrent enrollment course is taught	SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolCourseInfoExtensions/CIPCodeNumber		1	SchoolCourseInfo
UT.088	AC	COLLEGE GRANTING CR	The two character "district" number of the college granting the college credit portion of the concurrent enrollment course	SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SectionInfoExtensions/CollegeGranting		1	SectionInfo
UT.085	AC	CORE CODE	This is the 11 digit CORE CODE used in CACTUS	SchoolCourseInfo/StateCourseCode		0	SchoolCourseInfo
UT.077	AC	COURSE & SECTION	This is the unique alphanumeric course + section number that you are using to identify a class within the school	SchoolCourseInfo/CourseCode AND SectionInfo/CourseSectionCode ** ALTERNATE MAPPING ** Agent provides combined value in either: SectionInfo/SectionCode or SchoolCourseInfo/CourseCode (SectionInfo/CourseSectionCode must be blank)	Manifest will create a unique ID using these two fields, or will use agent-provided combined value if alternative mapping used.	0	SchoolCourseInfo
UT.084	AC	COURSE TITLE	This is the alpha-numeric course title that your school uses to describe the course	SchoolCourseInfo/CourseTitle		0	SchoolCourseInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.092	AC	CYCLE	A cycle is defined as a day or days that repeat the same school schedule	SectionInfo/ScheduleInfoList/ScheduleInfo/MeetingTimeList/MeetingTime/TimetableDay		0	SectionInfo
UT.090	AC	INSTRUCT SETTING	The primary setting or medium of delivery for the course	SectionInfo/MediumOfInstruction/OtherCodeList[@CodeSet='StateProvince']		0	SectionInfo
UT.001	AC	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.078	AC	PERIOD	This is a two digit field indicating which period the class is being taught	SectionInfo/ScheduleInfoList/ScheduleInfo/MeetingTimeList/MeetingTime/TimetablePeriod		0	SectionInfo
UT.003	AC	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.083	AC	SEMESTER LENGTH	This is a one digit numeric code that indicates the time frame or length of a CTE class or in the case of a trimester school that the class duration is for a single trimester	TermInfo/TermSpan TermInfo/EndDate *** ALTERNATIVE MAPPING *** SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SchoolCourseInfoExtensions/SemesterLength	ScheduleInfoList/ScheduleInfo[@TermInfoRefId], TermInfo/TermSpan/Code Calculate USOE code using TermSpan Code and EndDate	1	TermInfo
UT.081	AC	TEACHER 1 ID	Renamed 'TEACHER 1' to 'TEACHER 1 ID' for consistency with other Teacher Id fields. This is the CACTUS ID of the TEACHER OF RECORD assigned to the class	StaffPersonal/StateProvinceId *** ALTERNATIVE MAPPING *** SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SectionInfoExtensions/Teacher1ID	SectionInfo/ScheduleInfoList/ScheduleInfo/TeacherList[1][@StaffPersonalRefId] If StaffPersonal used, set VRF environment variableVrf.Target.usesStaffPersonal = true	1	StaffPersonal
UT.086	AC	TEACHER 2 ID	The CACTUS ID of a second teacher assigned to this course master record	StaffPersonal/StateProvinceId *** ALTERNATIVE MAPPING *** SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SectionInfoExtensions/Teacher2ID	SectionInfo/ScheduleInfoList/ScheduleInfo/TeacherList/@StaffPersonalRefId If StaffPersonal used, set VRF environment variable Vrf.Target.usesStaffPersonal = true	1	StaffPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.087	AC	TEACHER 3 ID	The CACTUS ID of a third teacher assigned to this course master record	StaffPersonal/StateProvinceId *** ALTERNATIVE MAPPING *** SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SectionInfoExtensions/Teacher3ID	SectionInfo/ScheduleInfoList/ScheduleInfo/TeacherList/@StaffPersonalRefId If StaffPersonal used, set VRF environment variable Vrf.Target.usesStaffPersonal = true	1	StaffPersonal
UT.091	AC	TERM	This is the term the class is taught	TermInfo/TermCode *** ALTERNATIVE MAPPING *** SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SchoolCourseInfoExtensions/TermCode	ScheduleInfoList/ScheduleInfo[@TermInfoRefId]. Use translation to normalize to state codes	1	TermInfo
UT.089	AC	WHERE TAUGHT CAMPUS	Where the concurrent enrollment course is taught	SectionInfo/LocationOfInstruction/Code	LocationOfInstruction/Code (NCES 0171). Use code 0342 for College, code 0340 or 0341 for High School, translate to Utah codes in Manifest.	0	SectionInfo
UT.079	AC	WHERE TAUGHT DIST	This field is to designate the LEA where the class is taught used in conjunction with WHERE TAUGHT SCHL	SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SectionInfoExtensions/WhereTaughtDist ** ALTERNATIVE MAPPING ** SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SchoolCourseInfoExtensions/WhereTaughtDist	If blank the submitting district is assumed	1	SectionInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.080	AC	WHERE TAUGHT SCHL	This field is to be used only if the class is taught at some other school	SectionInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SectionInfoExtensions/WhereTaughtSchl ** ALTERNATIVE MAPPING ** SchoolCourseInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolCourseInfoExtensions/WhereTaughtSchl	If blank, the submitting school is assumed	1	SectionInfo
UT.097	AM	ACTUAL MEMBERSHIP	Actual course membership, only required for CTE courses.	StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSectionEnrollmentExtensions/CourseMembership		1	StudentSectionEnrollment
UT.098	AM	CONCURR ENROLLED	Indicates whether or not the student is taking this class (deemed to be a concurrent enrollment class in the AC record) as a concurrent enrollment class for college credit or taking the class for just high school credit	StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSectionEnrollmentExtensions/ConcurrEnrolled		1	StudentSectionEnrollment
UT.093	AM	COURSE ENTRY DATE	This is the date the student first began instruction in the course	StudentSectionEnrollment/EntryDate		0	StudentSectionEnrollment
UT.094	AM	COURSE EXIT DATE	This is the day following the last day of instruction in the course	StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSectionEnrollmentExtensions/ReportedExitDate *** ALTERNATE MAPPING *** StudentSectionEnrollment/ExitDate	ExtendedElement value is day after last day of instruction. Agent should write extended element if published ExitDate is last day of instruction.	1	StudentSectionEnrollment

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.077	AM	COURSE NUMBER	This is an eight digit numeric course + section number, must match COURSE SECTION on Course Master .	SchoolCourseInfo/CourseCode AND SectionInfo/CourseSectionCode ** ALTERNATE MAPPING ** Agent provides combined value in either: SectionInfo/SectionCode or SchoolCourseInfo/CourseCode (SectionInfo/CourseSectionCode must be blank)	Manifest will create a unique ID using these two fields, or will use agent-provided combined value if alternative mapping used.	0	SchoolCourseInfo
UT.095	AM	CREDITS ATTEMPTED	The amount of credit attempted for the period of time the "AM=" record represents	StudentSectionEnrollment/CreditsAttempted		0	StudentSectionEnrollment
UT.099	AM	CREDITS EARNED	The amount of credit earned for the period of time the "AM" record represents	StudentGrade/SIF_ExtendedElements/ SIF_ExtendedElement[@Name='UTExtensions']/StudentGradeExtensions/CreditsEarned *** ALTERNATIVE MAPPING *** StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentSectionEnrollmentExtensions/CreditsEarned	If StudentGrade used, set VRF Environment Variable Vrf.Target.usesStudentGrade = 'true'	1	StudentGrade
UT.096	AM	GRADE EARNED	The grade the student earned for the period of time the "AM=" record represents	StudentGrade/Grade/Letter, StudentGrade/Grade/Percentage, StudentGrade/Grade/Numeric *** ALTERNATIVE MAPPING *** StudentSectionEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentSectionEnrollmentExtensions/GradeEarned	If StudentGrade used, set VRF Environment Variable Vrf.Target.usesStudentGrade = 'true'. All three grade elements listed used to calculate reported value. 'F' in P/F context indicated by Percentage = 0 or blank.	1	StudentGrade
UT.001	AM	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.078	AM	PERIOD	This is a two digit field indicating which period the class is being taught	SectionInfo/ScheduleInfoList/ScheduleInfo/MeetingTimeList/MeetingTime/TimetablePeriod		0	SectionInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.003	AM	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.009	AM	STUDENT NUMBER	The LEA assigned student number	StudentPersonal/LocalId		0	StudentPersonal
UT.001	DI	LEA NUMBER	This can ONLY be a State assigned and approved LEA number	LEAInfo/StateProvinceId		0	LEAInfo
UT.014	ES	BIRTH DATE	Student's birth date	StudentPersonal/Demographics/Birthdate		0	StudentPersonal
UT.012	ES	FIRST NAME	Student's first name	StudentPersonal/Name/FirstName		0	StudentPersonal
UT.015	ES	GENDER	Student's gender code	StudentPersonal/Demographics/Gender		0	StudentPersonal
UT.011	ES	LAST NAME	Student's last name	StudentPersonal/Name/LastName		0	StudentPersonal
UT.001	ES	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.051	ES	STATEWIDE STUDENT ID	The number assigned to the student using the Statewide Student Identifier	StudentPersonal/StateProvinceId		0	StudentPersonal
UT.009	ES	STUDENT NUMBER	The LEA assigned student number	StudentPersonal/LocalId		0	StudentPersonal
UT.101	I1	GANG RELATED	Indicate if incident is gang related	DisciplineIncident/RelatedToList/RelatedTo	3068=GangRelated (NCES 1048)	0	DisciplineIncident
UT.102	I1	INCIDENT DATE	This is the date the incident occurred	DisciplineIncident/IncidentDate		0	DisciplineIncident
UT.103	I1	INCIDENT DESCRIPTION	This is a description of the incident	DisciplineIncident/IncidentDescription		0	DisciplineIncident
UT.100	I1	INCIDENT ID	Numeric value from 1 to 99999 inclusive and each incident record for a school must have a unique value here	DisciplineIncident/IncidentNumber		0	DisciplineIncident
UT.001	I1	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.003	I1	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.114	I2	ALTERNATIVE PLACEMENT	Indicate if alternative placement was provided/administered to the student for this incident	DisciplineIncident/OffenderList/Offender/ActionList/Action/Code or DisciplineIncident/OffenderList/Offender/ActionList/Action/AlternativeEducation	If value = 3072-3075 (NCES 1054) or AlternativeEducation = 'Yes' then 'Y', otherwise 'N'	0	DisciplineIncident

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.104	I2	CAUSED INCIDENT	Indicate if this student was determined to have caused the incident	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/Cause dIncident		1	DisciplineIncident
UT.107	I2	DISCIPLINE METHOD	Indicate if this student was suspended or expelled	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Code	If value is 3086 or 3087 then 'E'; if 3099-3102 then 'S'; otherwise blank (NCES 1054)	0	DisciplineIncident
UT.106	I2	GANG PREV PROG	Indicate if this student was part of a gang prevention program at the time of the incident	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/Gang PrevProg		1	DisciplineIncident
UT.115	I2	HEARING OFFICER REMOVAL	Indicate if removal of the student was done by a hearing officer	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Code	If value is 3158 then 'Y', otherwise 'N' (NCES 1054)	0	DisciplineIncident
UT.109	I2	IN SCHOOL	Indicate if the DISCIPLINE METHOD was in school or out of school	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Code	If value is 3099 or 3100 then 'Y', otherwise 'N' (NCES 1054)	0	DisciplineIncident
UT.100	I2	INCIDENT ID	Numeric value from 1 to 99999 inclusive and each incident association record must have a matching 'I1' record preceding it	DisciplineIncident/IncidentNumber		0	DisciplineIncident
UT.105	I2	INJURED	Indicate if this student was injured in the incident	DisciplineIncident/OffenderList/Offende r/Injury or DisciplineIncident/VictimList/Victim/Inj ury	If value=3063, 3064, 3579, then 'Y'; if 3065 or null, then 'N' (NCES 1046); Serious Bodily Injury (3579) will be flagged accordingly	0	DisciplineIncident
UT.001	I2	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.108	I2	NUMBER OF DAYS	The number of days the DISCIPLINE METHOD was in effect	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Duration		0	DisciplineIncident

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.116	I2	PI INFRACTION TYPE	The primary infraction type (or incident type) of the student in this incident	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvol vement/InfractionType and IncidentInvolvementList/IncidentInvol vement/InvolvementType	Where sibling element /IncidentInvolvement/Inv olvementType = 'Primary'	1	DisciplineIncident
UT.118	I2	PI ROLE	The primary role of the student in this incident	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvol vement/Role	Where sibling element /IncidentInvolvement/Inv olvementType = 'Primary'	1	DisciplineIncident
UT.117	I2	PI WEAPON	The primary weapon used in the incident	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvol vement/WeaponType	Where sibling element /IncidentInvolvement/Inv olvementType = 'Primary'	1	DisciplineIncident
UT.112	I2	REFERRED TO COURT	Indicate if the incident was referred to court	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Code	If value is 3088 or 3089 then 'Y', otherwise 'N' (NCES 1054)	0	DisciplineIncident
UT.111	I2	REFERRED TO POLICE	Indicate if the incident was referred to police	DisciplineIncident/OffenderList/Offende r/ActionList/Action/PoliceNotification		0	DisciplineIncident
UT.113	I2	REFERRED TO PROGRAM	Indicate if the incident was referred to a program	DisciplineIncident/SIF_ExtendedEleme nts/SIF_ExtendedElement[@Name='U TExtensions']/ DisciplineIncidentExtensions/StudentP articipantList/StudentParticipant/Referr edToProgram		1	DisciplineIncident
UT.003	I2	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.110	I2	SERVICES OFFERED	Indicate if services were offered to the student	DisciplineIncident/OffenderList/Offende r/ActionList/Action/Code	If value is 3086 or 3101 then 'Y' otherwise 'N' (NECS 1054).	0	DisciplineIncident

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.119	I2	SI1 INFRACTION TYPE	Indicate a secondary infraction type (or incident type) of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/InfractionType	First record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary1'	1	DisciplineIncident
UT.121	I2	SI1 ROLE	Indicate a secondary role of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/Role	First record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary1'	1	DisciplineIncident
UT.120	I2	SI1 WEAPON	Indicate a secondary weapon used in the incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/WeaponType	First record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary1'	1	DisciplineIncident
UT.122	I2	SI2 INFRACTION TYPE	Indicate another secondary infraction type (or incident type) of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/InfractionType	Second record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary2'	1	DisciplineIncident
UT.124	I2	SI2 ROLE	Indicate another secondary role of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/Role	Second record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary2'	1	DisciplineIncident
UT.123	I2	SI2 WEAPON	Indicate another secondary weapon used in the incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/WeaponType	Second record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary2'	1	DisciplineIncident

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.125	I2	SI3 INFRACTION TYPE	Indicate another secondary infraction type (or incident type) of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/InfractionType	Third record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary3'	1	DisciplineIncident
UT.127	I2	SI3 ROLE	Indicate another secondary role of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/Role	Third record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary3'	1	DisciplineIncident
UT.126	I2	SI3 WEAPON	Indicate another secondary weapon used in the incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/WeaponType	Third record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary3'	1	DisciplineIncident
UT.128	I2	SI4 INFRACTION TYPE	Indicate another secondary infraction type (or incident type) of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/InfractionType	Fourth record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary4'	1	DisciplineIncident
UT.130	I2	SI4 ROLE	Indicate another secondary role of the student in this incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/Role	Fourth record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary4'	1	DisciplineIncident
UT.129	I2	SI4 WEAPON	Indicate another secondary weapon used in the incident	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/ IncidentInvolvementList/IncidentInvolvement/WeaponType	Fourth record where sibling element /IncidentInvolvement/InvolvementType = 'Secondary4'	1	DisciplineIncident

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.009	I2	STUDENT NUMBER	The LEA assigned student number	StudentPersonal/LocalId where StudentPersonalRefId = DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/StudentPersonalRefId	DisciplineIncident/OffenderList/Offender[@SIF_RefId], [@SIF_RefObject='StudentPersonal'] ** Note...Will match either DisciplineIncident/OffenderList/Offender[@SIF_RefId] or DisciplineIncident/VictimList/Victim[@SIF_RefId], [@SIF_RefObject='StudentPersonal'] **	1	StudentPersonal
UT.211	I2	CAUSED SERIOUS BODILY INJURY	Indicate if this student was determined to have caused serious bodily injury	DisciplineIncident/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ DisciplineIncidentExtensions/StudentParticipantList/StudentParticipant/CausedSeriousBodilyInjury		1	DisciplineIncident
N/A	S1	** METADATA ** EXCLUDE FROM STATE REPORTING	Flag that record should be excluded from State Reporting	SchoolInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolInfoExtensions/ExcludeFromStateReporting StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/ExcludeFromStateReporting StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSchoolEnrollmentExtensions/ExcludeFromStateReporting	Used only for records to be excluded. Will also exclude associated records. SchoolInfo: SC, S1, AC, AM StudentPersonal: S1, S2, S3, AM StudentSchoolEnrollment: AM * PREFERRED METHOD * Agent doesn't publish records flagged for exclusion from state reporting.		SchoolInfo
UT.048	S1	504 SERVICES	The student received services under Section 504 of the Rehabilitation Act of 1973	StudentPersonal/Section504		0	StudentPersonal
UT.061	S1	ACCOMPANIED STUDENT	Indicate if the student was accompanied by a parent/guardian for selecting the HOME STATUS field value.	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/AccompaniedStudent		1	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.017	S1	AMER INDIAN/ALASKAN NATIVE	Is this student a person having origins in any of the original peoples of North and South America	StudentPersonal/Demographics/RaceList		0	StudentPersonal
UT.018	S1	ASIAN	Is this student a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent	StudentPersonal/Demographics/RaceList		0	StudentPersonal
UT.014	S1	BIRTH DATE	Student's birth date	StudentPersonal/Demographics/Birthdate		0	StudentPersonal
UT.019	S1	BLACK OR AFRICAN AMER	Is this student a person having origins in any of the black racial groups of Africa	StudentPersonal/Demographics/RaceList		0	StudentPersonal
UT.029	S1	CONCENTRATOR	Concentrator Code. This is a six digit numeric field requested for students in Career and Technical Education (CTE) programs	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/CTEProgramArea	Used for manifest validations only	1	StudentPersonal
UT.052	S1	CUMULATIVE GPA	Cumulative GPA to three decimal places as you would provide it to a college when a student requests that a transcript be sent to an admissions office	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/CumulativeGPA		1	StudentPersonal
UT.188	S1	DAYS ATTENDED	This represents the sum of days attended by the student in both regular (S1) and self-contained special education and youth-in-custody (some S2 & S3) settings and should be reported in 180 day equivalent days.	StudentAttendanceSummary/DaysAttended If StudentAttendanceSummary record is associated with a specific StudentSchoolEnrollment, then StudentAttendanceSummary/StudentSchoolEnrollmentRefId must be populated. *** ALTERNATIVE MAPPING *** StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions]/StudentSchoolEnrollmentExtensions/DaysAttended	Value is Equivalent Days prorated for FTE. See VRF Environment Variable Notes on SIF Objects List tab: Vrf.Property.ProrateMembershipDays	1	StudentAttendanceSummary

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.046	S1	DISTRICT OF RESIDENCE	Intended use is for LEAs with numbers other than 01-40, 42, such as charter schools. This is the REGULAR district number (01-40, 42) of the district in which the PERMANENT address of the student is located	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/DistrictOfResidence		1	StudentPersonal
UT.034	S1	ECONOMIC DISADV	This code identifies the status of students with respect to "economic disadvantage"	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/MealStatus (preferred) *** Alternate Mapping*** StudentPersonal/EconomicDisadvantage	Alternate mapping provides only Yes/No, translated to 'Y' or blank. Extended element required for full 'F', 'R', 'Y' code set.	1	StudentPersonal
UT.049	S1	ELL INSTRUCTION TYPE	The type of ELL instruction the student receives	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ELLInstructionType		1	StudentPersonal
UT.043	S1	ELL MONITORED ENTRY DATE	The date the ELL student was advanced to LIMITED ENGLISH code 'F' (Former ELL student – exited an ELL program and entered monitoring)	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ELLMonitoredDate		1	StudentPersonal
UT.041	S1	ELL NATIVE LANGUAGE	Native or first language of student	StudentPersonal/Demographics/LanguageList/Language/LanguageType AND StudentPersonal/Demographics/LanguageList/Language/OtherCodeList[@CodeSet='StateProvince'] ** or (alternate) ** StudentPersonal/Demographics/LanguageList/Language/Code	Uses Language/Code WHERE Language/LanguageType= 1038. OtherCode preferred.	0	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.042	S1	ELL PARENT LANGUAGE	Language which parent(s) of student prefer in communication with the school	StudentPersonal/Demographics/LanguageList/Language/LanguageType AND StudentPersonal/Demographics/LanguageList/Language/OtherCodeList[@CodeSet='StateProvince'] ** or (alternate) ** StudentPersonal/Demographics/LanguageList/Language/Code	Uses Language/Code WHERE Language/LanguageType= 1037 OtherCode preferred.	0	StudentPersonal
UT.023	S1	ENTRY DATE	Date the student entered school	StudentSchoolEnrollment/EntryDate		0	StudentSchoolEnrollment
UT.016	S1	ETHNICITY	Is this student a person of Cuban, Mexican, Puerto Rican, South or Central America, or other Spanish culture or origin	StudentPersonal/Demographics/HispanicLatino		0	StudentPersonal
UT.025	S1	EXIT CODE	This code identifies the reason for the above exit date	StudentSchoolEnrollment/ExitType/OtherCodeList/OtherCode[@Codeset='StateProvince']		0	StudentSchoolEnrollment
UT.024	S1	EXIT DATE	Day following the last day of school attendance.	StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSchoolEnrollmentExtensions/ReportedExitDate *** ALTERNATE MAPPING *** StudentSchoolEnrollment/ExitDate	ExtendedElement value is day after last day of attendance. Agent should write extended element if published ExitDate is last day of attendance.	1	StudentSchoolEnrollment
UT.040	S1	FIRST ENROLL IN US	If the student was born outside of the United States, enter the date of the student's first enrollment in a school in the United States	StudentPersonal/FirstUSEnrollment		0	StudentPersonal
UT.012	S1	FIRST NAME	Student's first name as it appears on his/her birth certificate	StudentPersonal/Name/FirstName		0	StudentPersonal
UT.015	S1	GENDER	Student's gender code	StudentPersonal/Demographics/Gender		0	StudentPersonal
UT.047	S1	GIFTED	Indicates if the student was identified by the local education agency as being eligible for participation in a program for the gifted and talented	StudentPersonal/GiftedTalented		0	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.022	S1	GRADE LEVEL	Student's current grade level	StudentSchoolEnrollment/GradeLevel (preferred mapping) *** ALTERNATIVE MAPPING *** StudentPersonal/MostRecent/GradeLevel	Alternative usually OK, but does not report multiple grade levels in the school year.	0	StudentSchoolEnrollment
UT.020	S1	HAWAIIAN / PACIFIC ISL	Is this student a person having origins in any of the original peoples of Hawaii, Guam, Samoa, Tonga, or other Pacific Island	StudentPersonal/Demographics/RaceList		0	StudentPersonal
UT.027	S1	HIGH SCHL COMPL STATUS	All students who are seniors (GRADE LEVEL = 12), the school submitted under is his/her school of record, and is NOT exited must have one of the following codes indicating the final outcome of their schooling as of July 15	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/HighSchlComplStatus	GR, G1, G2, G3, GM, GC, GG, CT, RT, GP, AO, DO (see lookup values sheet)	1	StudentPersonal
UT.039	S1	HOMELESS	Student's homeless status	StudentPersonal/Demographics/DwellingArrangement/OtherCodeList[@CodeSet='StateProvince']		0	StudentPersonal
UT.057	S1	IMMIGRANT	Indicate the student is an immigrant if the student meets all three of the following conditions: Age is 3-21, Not born in any State, Has not attended one or more schools in any State for more than 3 full academic years	StudentPersonal/Immigrant		0	StudentPersonal
UT.054	S1	KINDERGARTEN TYPE	Identifies if Kindergarten students participated in an extended Kindergarten program (regardless of funding source), and which type of program	StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSchoolEnrollmentExtensions/KindergartenType		1	StudentSchoolEnrollment
UT.011	S1	LAST NAME	Student's last name as it appears on his/her birth certificate	StudentPersonal/Name/LastName		0	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.001	S1	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.033	S1	LIMITED ENGLISH	This code identifies the student's English Language Learner (ELL) status	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/LimitedEnglish		1	StudentPersonal
UT.045	S1	MESA PROGRAM	Identifies the degree of student involvement in the MESA (Math, Engineering, Science Achievement) program during the year	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/MESAProgram		1	StudentPersonal
UT.013	S1	MIDDLE NAME	Student's middle name or initial as it appears on his/her birth certificate	StudentPersonal/Name/MiddleName		0	StudentPersonal
UT.037	S1	MIGRANT	A migrant student is a student who enrolled during the year AND has a Certificate of Eligibility (COE) form on file in the LEA	StudentPersonal/Migrant		0	StudentPersonal
UT.055	S1	MILITARY CHILD	"Military child" means a child enrolled in kindergarten through grade 12 who is legally residing in the household of an active duty service member or whose parent or legal guardian is an active duty service member	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentPersonalExtensions/MilitaryChild		1	StudentPersonal
UT.050	S1	NCLB SCHOOL CHOICE	Indicates whether the student is enrolled in this school, outside of their assigned attendance area, by choice under the provisions of NCLB Title I Part A	StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentSchoolEnrollmentExtensions/NCLBSchoolChoice		1	StudentSchoolEnrollment

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.185	S1	NCLB SUPP SERV LANG	Indicates whether the student received supplemental services in Language Arts, funded out of the LEA's NCLB Title I Part A allocation, by identifying the approved provider of that service	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/NCLBSuppServLang		1	StudentPersonal
UT.186	S1	NCLB SUPP SERV MATH	Indicates whether the student received supplemental services in Mathematics, funded out of the LEA's NCLB Title I Part A allocation, by identifying the approved provider of that service	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/NCLSSuppServMath		1	StudentPersonal
UT.028	S1	PART-TIME HOME SCHOOL	This is for indicating the status of a student who is enrolled for only part of the school day	StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentSchoolEnrollmentExtensions/PartTimeHomeSchool		1	StudentSchoolEnrollment
UT.036	S1	PHONE NUMBER	This is the 3 digit area code plus the 7 digit student home phone number	StudentPersonal/PhoneNumberList/PhoneNumber		0	StudentPersonal
UT.060	S1	RACE OBSERVER ID	Indicate if the student's RACE was determined by observer identification	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/RaceObserved		1	StudentPersonal
UT.058	S1	READ GRADE LEVEL	For grades 1-3 indicate if the student is reading on grade level	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ReadGradeLevel		1	StudentPersonal
UT.059	S1	READING INTERVENTION	Indicate if the student is receiving or has received reading intervention	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ReadingIntervention		1	StudentPersonal
UT.056	S1	REFUGEE STUDENT	Identifies the student as having refugee status	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/RefugeeStudent		1	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.035	S1	RESIDENT STATUS	This code identifies the resident status of all students	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ResidentStatus		1	StudentPersonal
UT.189	S1	SCHOOL MEMBERSHIP	Regular student aggregated school membership, using 180-equivalent days.	StudentAttendanceSummary/DaysInMembership If StudentAttendanceSummary record is associated with a specific StudentSchoolEnrollment, then StudentAttendanceSummary/StudentSchoolEnrollmentRefId must be populated. *** ALTERNATIVE MAPPING *** StudentSchoolEnrollment/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions]/StudentSchoolEnrollmentExtensions/DaysInMembership	Value is Equivalent Days prorated for FTE. See VRF Environment Variable Notes on SIF Objects List tab: Vrf.Property.ProrateMembershipDays, Vrf.Property.SubtractSIFProgramDays.	1	StudentAttendanceSummary
UT.003	S1	SCHOOL NUMBER	The "SC" record this "S1" follows is the ONE school to which data should be attributed for the student	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.192	S1	SCHOOL OF RECORD	The "SC" record this "S1" follows is the ONE school to which data should be attributed for the student	StudentSchoolEnrollment[@MembershipType]	Blank when MembershipType='Home', otherwise 'N'	0	StudentSchoolEnrollment
UT.010	S1	SOC. SEC. NUMBER	This is the student's 9 digit Social Security Number	StudentPersonal/OtherIdList/OtherId[@Type='0004']		0	StudentPersonal
UT.053	S1	SPECIAL ED EXIT DATE	The date the student in special education has completely exited from all special education services	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/SpecialEdExitDate		1	StudentPersonal
UT.051	S1	STATEWIDE STUDENT ID	The number assigned to the student using the Statewide Student Identifier	StudentPersonal/StateProvinceId		0	StudentPersonal
UT.009	S1	STUDENT NUMBER	The school assigned student number	StudentPersonal/LocalId		0	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.044	S1	STUDENT ZIP CODE	First 5 digits of the zip code of the address at which the student resides	StudentPersonal/AddressList/Address[@Type='0765']/PostalCode		0	StudentPersonal
UT.032	S1	TRIBAL AFFILIATION	This code indicates the Indian tribal affiliation of students	StudentPersonal/Demographics/RaceList/Race/OtherCodeList[@CodeSet='StateProvince']		0	StudentPersonal
UT.030	S1	VOC-ACADEM DISADV	Used to identify Vocational Academically Disadvantaged students	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/CumulativeGPA	Use CumulativeGPA value to determine	1	StudentPersonal
UT.021	S1	WHITE	Is this student a person having origins in any of the original peoples of the Europe, the Middle East. or North Africa	StudentPersonal/Demographics/RaceList		0	StudentPersonal
UT.210	S1	EARLY GRADUATE	Indicates that the student intends to graduate early in accordance with their SEOP	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/EarlyGrad		1	StudentPersonal
UT.208	S1	READ GRADE LEVEL FALL	For grades 1-3 indicate if the student is reading on grade level	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ReadGradeLevelFall		1	StudentPersonal
UT.209	S1	READ GRADE LEVEL SPRING	For grades 1-3 indicate if the student is reading on grade level	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/ReadGradeLevelSpring		1	StudentPersonal
UT.062	S2	DISABILITY TYPE	Identifies the type of disability for which the student is receiving Special education services	StudentParticipation/ExceptionalityCategories/ExceptionalityCategory/Code		0	StudentParticipation
UT.069	S2	ENVIRONMENT	Identifies the type of educational setting in which the student receives special education services	StudentParticipation/LeastRestrictiveEnvironment/OtherCodeList[@CodeSet='StateProvince']		0	StudentParticipation
UT.001	S2	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.068	S2	REGULAR PERCENT	Summarizes the amount of time the student is in a regular education class	StudentParticipation/StudentSpecialEducationFTE		0	StudentParticipation
UT.003	S2	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentParticipation/ ManagingSchool (preferred) or StudentSchoolEnrollment [@SchoolInfoRefId]	0	SchoolInfo
UT.064	S2	SCRAM ENTRY DATE	This is the date the student first began receiving Special education related services	StudentParticipation/ProgramPlacementDate		0	StudentParticipation
UT.065	S2	SCRAM EXIT DATE	This is the day following the last day the student received special education related services for a particular handicapping condition	StudentParticipation/ProgramExitDate		0	StudentParticipation
UT.066	S2	SCRAM EXIT REASON	This code identifies the reason this student exited special education related services	StudentParticipation/ProgramExitReason/OtherCodeList[@CodeSet='StateProvince']		0	StudentParticipation
UT.190	S2	SCRAM MEMBERSHIP	SCRAM aggregated membership, equivalent days.	StudentParticipation/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentParticipationExtensions/DaysInMembership	ExtendedElement value is Equivalent Days, prorated for FTE. If self-contained program membership days are included in School Membership, set VRF environment variable Vrf.Property.SubtractSIFProgramDays = true	1	StudentParticipation
UT.063	S2	SCRAM TIME	TIME' field renamed to 'SCRAM TIME'. Summarizes the amount of time the student is served	StudentParticipation/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentParticipationExtensions/TimeCode		1	StudentParticipation
UT.009	S2	STUDENT NUMBER	The LEA assigned student number	StudentPersonal/LocalId		0	StudentPersonal
UT.070	S3	CUSTODY TYPE	Identifies the type of custody under which the student is receiving services	StudentParticipation/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentParticipationExtensions/CustodyType		1	StudentParticipation

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.072	S3	ENVIRONMENT	Identifies the type of educational setting in which the student receives youth in custody related services	StudentParticipation/LeastRestrictiveEnvironment/OtherCodeList[@CodeSet='StateProvince']		0	StudentParticipation
UT.001	S3	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.003	S3	SCHOOL NUMBER	Submitting school state-assigned number. Must match School Number in SC records.	SchoolInfo/StateProvinceId	StudentParticipation/ ManagingSchool (preferred) or StudentSchoolEnrollment [@SchoolInfoRefId]	0	SchoolInfo
UT.009	S3	STUDENT NUMBER	The LEA assigned student number	StudentPersonal/LocalId		0	StudentPersonal
UT.073	S3	YIC ENTRY DATE	This is the date the student first began receiving YIC related services for this CUSTODY TYPE and TIME	StudentParticipation/ProgramPlacementDate		0	StudentParticipation
UT.074	S3	YIC EXIT DATE	This is the day following the last day the student received YIC related services for a particular CUSTODY TYPE and TIME	StudentParticipation/ProgramExitDate		0	StudentParticipation
UT.075	S3	YIC EXIT REASON	This code identifies the reason this student exited YIC related services	StudentParticipation/ProgramExitReason/OtherCodeList[@CodeSet='StateProvince']		0	StudentParticipation
UT.191	S3	YIC MEMBERSHIP	YIC aggregated membership, equivalent days.	StudentParticipation/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentParticipationExtensions/DaysInMembership	ExtendedElement value is Equivalent Days, prorated for FTE. If self-contained program membership days are included in School Membership, set VRF environment variable Vrf.Property.SubtractSIFProgramDays = true.	1	StudentParticipation
UT.071	S3	YIC TIME	TIME' field renamed to 'YIC TIME'. Summarizes the amount of time the student is served	StudentParticipation/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ StudentParticipationExtensions/TimeCode		1	StudentParticipation

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
N/A	SC	** METADATA ** EXCLUDE FROM STATE REPORTING	Flag that record should be excluded from State Reporting	SchoolInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolInfoExtensions/ExcludeFromStateReporting	Used only for records to be excluded. Will also exclude associated S1, AC, and AM records. * PREFERRED METHOD * Agent doesn't publish records flagged for exclusion from state reporting.		SchoolInfo
UT.004	SC	DAYS IN SCHOOL YEAR	The total number of days the school was in session with classroom instruction being conducted.	CalendarSummary/DaysInSession		0	CalendarSummary
UT.005	SC	LAST DAY OF SCHOOL	The last day the school is in session (current school year)	CalendarSummary/LastInstructionDate		0	CalendarSummary
UT.007	SC	SCHEDULE DAY TYPE	The type of daily schedule	SchoolInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/ SchoolInfoExtensions/ScheduleDayType		1	SchoolInfo
UT.006	SC	SCHEDULE YEAR TYPE	The type of yearly schedule	SchoolInfo/SessionType		0	SchoolInfo
UT.003	SC	SCHOOL NUMBER	This can ONLY be a State assigned and approved school number.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.014	SLF	BIRTH DATE	Students birth date	StudentPersonal/Demographics/Birthdate		0	StudentPersonal
UT.015	SLF	GENDER	Student Gender M/F	StudentPersonal/Demographics/Gender		0	StudentPersonal
UT.001	SLF	LEA NUMBER	State-assigned LEA number.	LEAInfo/StateProvinceId		0	LEAInfo
UT.003	SLF	LEA SCHOOL NUMBER	Requesting schools state-assigned school number	SchoolInfo/StateProvinceId		0	SchoolInfo
UT.009	SLF	LEA STUDENT NUMBER	Students LEA assigned student number	StudentPersonal/LocalId		0	StudentPersonal
UT.012	SLF	LEGAL FIRST NAME	Student First Name	StudentPersonal/Name/FirstName		0	StudentPersonal
UT.011	SLF	LEGAL LAST NAME	Student's last name as it appears on his/her birth certificate	StudentPersonal/Name/LastName		0	StudentPersonal
UT.013	SLF	LEGAL MIDDLE NAME	Student Middle Name	StudentPersonal/Name/MiddleName		0	StudentPersonal

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.002	SLF	SCHOOL YEAR	School year for which this enrollment is applicable. Expressed as the four-digit-year in which the school year ends (e.g. 2011 for the 2010-11 school year	StudentSchoolEnrollment[@SchoolYear]		0	StudentSchoolEnrollment
UT.051	SLF	SSID	The number assigned to the student using the Statewide Student Identifier	StudentPersonal/StateProvinceId		0	StudentPersonal
N/A	ST, TA, TC, TG	*** METADATA NOTE ***			If SIF agent supports SIF_Query grade level constraint on SRE objects, set VRF Environment Variables Vrf.Target.usesSREGradeLevelSIFQuery = 'true' and Vrf.Target.skipsSREGradeLevelSIFQuery = 'false'.		
UT.182	ST	ADDRESS CITY	City of Student's permanent address	StudentPersonal/AddressList/Address[@Type='0765']/City		0	StudentPersonal
UT.184	ST	ADDRESS COUNTRY	Country code of Student's permanent address if not US	StudentPersonal/AddressList/Address[@Type='0765']/Country		0	StudentPersonal
UT.180	ST	ADDRESS LINE 1	First 32 characters of Student's permanent address line 1	StudentPersonal/AddressList/Address[@Type='0765']/Street/Line1		0	StudentPersonal
UT.181	ST	ADDRESS LINE 2	First 32 characters of Student's permanent address line 2	StudentPersonal/AddressList/Address[@Type='0765']/Street/Line2		0	StudentPersonal
UT.183	ST	ADDRESS STATE CODE	State/Province code of Student's permanent address if not Utah	StudentPersonal/AddressList/Address[@Type='0765']/StateProvince		0	StudentPersonal
UT.165	ST	CLASS RANK	The rank order number of the student compared to other students in the grade level based on GPA.	StudentAcademicRecord/AcademicPerformanceSummary/ClassRank		0	StudentAcademicRecord
UT.166	ST	COHORT SIZE	The total number of students in the grade level to compare students against.	StudentAcademicRecord/AcademicPerformanceSummary/ClassTotalNumber		0	StudentAcademicRecord

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.159	ST	CUMULATIVE CREDITS	The number of credits or credit hours that the student has earned to the present time.	StudentAcademicRecord/AcademicPerformanceSummary/TotalCreditsEarned	Manifest will calculate by summing all Credit Earned for all Courses if this data is not published by the SIS	0	StudentAcademicRecord
UT.160	ST	CUMULATIVE GPA CREDITS	The number of credits or credit hours used to calculate the GPA that the student has earned to the present time.	StudentAcademicRecord/AcademicPerformanceSummary/CumulativeGPACreditsEarned		0	StudentAcademicRecord
UT.206	ST	DIPLOMA TYPE	The type of diploma the student earned	StudentAcademicRecod/AcademicPerformanceSummary/GraduationDiplomaType	Required if graduated. Basic, GED, Adult, or Certificate of Completion	0	StudentAcademicRecod
UT.187	ST	EXPECTED GRADUATION DATE	If the student has graduated, the graduation date; if the student is yet to graduate, the expected graduation date.	StudentAcademicRecord/AcademicPerformanceSummary/ProjectedGraduationDate		0	StudentAcademicRecord
UT.171	ST	GRADE 10 CREDITS EARNED	The number of credits the student earned during the 10th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/CreditsEarned	Where : StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GradeLevelWhenTaken = "10" Manifest will calculate by summing all CourseCredits earned by SchoolYear if this data is not published by the SIS	0	StudentAcademicRecord
UT.172	ST	GRADE 10 GPA	The average of the grade points the student earned during the 10th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GPA		0	StudentAcademicRecord
UT.174	ST	GRADE 11 CREDITS EARNED	The number of credits the student earned during the 11th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/CreditsEarned	Where : StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GradeLevelWhenTaken = "11" Manifest will calculate by summing all CourseCredits earned by SchoolYear if this data is not published by the SIS	0	StudentAcademicRecord

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.175	ST	GRADE 11 GPA	The average of the grade points the student earned during the 11th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GPA		0	StudentAcademicRecord
UT.177	ST	GRADE 12 CREDITS EARNED	The number of credits the student earned during the 12th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/CreditsEarned	Where : StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GradeLevelWhenTaken = "12" Manifest will calculate by summing all CourseCredits earned by SchoolYear if this data is not published by the SIS	0	StudentAcademicRecord
UT.178	ST	GRADE 12 GPA	The average of the grade points the student earned during the 12th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GPA		0	StudentAcademicRecord
UT.168	ST	GRADE 9 CREDITS EARNED	The number of credits the student earned during the 9th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/CreditsEarned	Where : StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GradeLevelWhenTaken = "9" Manifest will calculate by summing all CourseCredits earned by SchoolYear if this data is not published by the SIS	0	StudentAcademicRecord
UT.169	ST	GRADE 9 GPA	The average of the grade points the student earned during the 9th grade.	StudentAcademicRecord/AcademicPerformanceHistory/TermPerformance/GPA		0	StudentAcademicRecord
UT.158	ST	GRADUATION DATE	The student's graduation date, month and year only. Blank if not yet graduated.	StudentAcademicRecord/AcademicPerformanceSummary/GraduationDate		0	StudentAcademicRecord

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.027	ST	HIGH SCHL COMPL STATUS	All students who are seniors (GRADE LEVEL = 12), the school submitted under is his/her school of record, and is NOT exited must have one of the following codes indicating the final outcome of their schooling as of July 15	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/HighSchlComplStatus		1	StudentPersonal
UT.008	ST	LEA NAME	The name of the District or Charter School that is generating the transcript.	LEAInfo/LEAName		0	LEAInfo
UT.001	ST	LEA NUMBER	State-assigned LEA number for submitting school. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.167	ST	PERCENTILE RANK	The student's percentile based upon student class rank and the number of students.	StudentAcademicRecord/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentAcademicRecordExtensions/PercentileRank	Optional. Manifest will calculate if not provided	1	StudentAcademicRecord
UT.195	ST	SCHOOL ADDRESS	The address of the transcripting school	SchoolInfo/AddressList/Address[@Type='0765']/Street/Line1		0	SchoolInfo
UT.196	ST	SCHOOL CITY	The city of the transcripting school	SchoolInfo/AddressList/Address[@Type='0765']/City		0	SchoolInfo
UT.207	ST	SCHOOL CODE (CEEB)	The school CEEBACT code, maintained by the College Board	SchoolInfo/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/SchoolInfoExtensions/CEEBCode	Optional	1	SchoolInfo
UT.194	ST	SCHOOL NAME	The name of the school that is generating the transcript (transcripting school)	SchoolInfo/SchoolName		0	SchoolInfo
UT.003	ST	SCHOOL NUMBER	State-assigned number for school submitting record. Must match School Number on S1 record where school is student's school of record.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.199	ST	SCHOOL PHONE	The phone number of the transcripting school	SchoolInfo/PhoneNumberList/PhoneNumber[@Type='0096']/Number		0	SchoolInfo
UT.197	ST	SCHOOL STATE	The state of the transcripting school	SchoolInfo/AddressList/Address[@Type='0765']/StateProvince		0	SchoolInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.198	ST	SCHOOL ZIP	The zip code of the transcripting school	SchoolInfo/AddressList/Address[@Type='0765']/PostalCode		0	SchoolInfo
UT.157	ST	STUDENT ENTRY DATE	The student's entry date into high school.	StudentAcademicRecord/EnrollmentHistory/StudentSchoolEnrollmentData/EntryDate	Optional Element. Where : StudentAcademicRecord/EnrollmentHistory/StudentSchoolEnrollmentData/GradeLevel = "9"	0	StudentAcademicRecord
UT.026	ST	STUDENT EXIT DATE	The students exit date from high school	StudentPersonal/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentPersonalExtensions/HighSchoolExitDate	Optional Element	1	StudentPersonal
UT.009	ST	STUDENT NUMBER	Student's locally-assigned unique ID. Must match S1 record, follow same formatting rules.	StudentPersonal/LocalId	Optional Element	0	StudentPersonal
UT.204	ST	STUDENT PARENT/GUARDIAN FIRST NAME	The first name of the student's parent or guardian	StudentDemographicRecord/StudentContactSummary/ParentGuardian1/Name[@Type='04']/FirstName		0	StudentDemographicRecord
UT.205	ST	STUDENT PARENT/GUARDIAN LAST NAME	The last name of the student's parent or guardian	StudentDemographicRecord/StudentContactSummary/ParentGuardian1/Name[@Type='04']/LastName		0	StudentDemographicRecord
UT.202	ST	STUDENT UN-WEIGHTED GPA	The un-weighted grade point average the student has earned up to the time the transcript was generated	StudentAcademicRecord/AcademicPerformanceSummary/CumulativeGPA		0	StudentAcademicRecord
UT.203	ST	STUDENT WEIGHTED GPA	The weighted grade point average the student has earned up to the time the transcript was generated	StudentAcademicRecord/SIF_ExtendedElements/SIF_ExtendedElement[@Name='UTExtensions']/StudentAcademicRecordExtensions/WeightedGPA	Optional Element	1	StudentAcademicRecord
UT.161	ST	TOTAL CREDITS ATTEMPTED	The number of credits that the student has attempted to take.	StudentAcademicRecord/AcademicPerformanceSummary/TotalCreditsAttempted	Manifest will calculate by summing all Credits Attempted for all Courses if this data is not published by the SIS	0	StudentAcademicRecord
UT.164	ST	TOTAL GPA POINTS	The weighted average total of the student's credits multiplied by the student's decimal grade equivalent values.	StudentAcademicRecord/AcademicPerformanceSummary/CumulativeGradePoints		0	StudentAcademicRecord

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.149	TA	DATE	Date the assessment was administered	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/AdministrationDate		0	StudentAcademicRecord
UT.150	TA	FORM	Form, version, or edition of the test (if applicable)	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/Form		0	StudentAcademicRecord
UT.152	TA	GRADE LEVEL	Student's grade level when assessed	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/StudentGradeLevelWhenAssessed		0	StudentAcademicRecord
UT.001	TA	LEA NUMBER	State-assigned LEA number for submitting school. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.151	TA	LEVEL	Level of the test (if applicable)	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/Level		0	StudentAcademicRecord
UT.003	TA	SCHOOL NUMBER	State-assigned number for school submitting record. Must match School Number on S1 record where school is student's school of record.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.155	TA	SCORE	Test score reported	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/TestScore		0	StudentAcademicRecord
UT.154	TA	SCORE TYPE	Type of score, using NCES 0056 values	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/TestScoreType		0	StudentAcademicRecord
UT.009	TA	STUDENT NUMBER	Student's locally-assigned unique ID. Must match S1 record, follow same formatting rules.	StudentPersonal/LocalId		0	StudentPersonal
UT.153	TA	SUBTEST	The subtest or subject category of the assessment, e.g. 'English' or 'Composite'	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/SubTestCategory	ACT - (Composite, English, Math, Reading, Science) SAT - (Writing, Math, Critical Reading, Science) AP - (Any)	0	StudentAcademicRecord
UT.148	TA	TEST NAME	Assessment name, e.g. 'American College Test' as recorded in the SIS	StudentAcademicRecord/AssessmentPerformanceHistory/Assessment/Name	Manifest will only report ACT, SAT, and AP tests	0	StudentAcademicRecord

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.134	TC	CORE CODE	State Core code for Utah public school courses or if one assigned for transfer courses, otherwise blank. This is the same type of code as the Core Code in AC records	StudentAcademicRecord/CourseHistory /Term/Courses/Course/SchoolCourseIn foData/StateCourseCode		0	StudentAcademicRecord
UT.132	TC	COURSE NUMBER	Local course number if available. Corresponds to first part of COURSE NUMBER in AM record.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/SchoolCourseIn foData/CourseCode	Optional element	0	StudentAcademicRecord
UT.141	TC	COURSE SCHOOL CITY	Name of city that school was in where course was taken.	StudentAcademicRecord/SchoolAttend anceHistory/SchoolAttended/SchoolInf oData/AddressList/Address/City		0	StudentAcademicRecord
UT.139	TC	COURSE SCHOOL NAME	School name where course was taken	StudentAcademicRecord/SchoolAttend anceHistory/SchoolAttended/SchoolInf oData/SchoolName		0	StudentAcademicRecord
UT.140	TC	COURSE SCHOOL NCES ID	School NCES Id where course was taken	StudentAcademicRecord/SchoolAttend anceHistory/SchoolAttended/SchoolInf oData/SchoolNCESId		0	StudentAcademicRecord
UT.142	TC	COURSE SCHOOL STATE	Code for state or province that school was in where course was taken	StudentAcademicRecord/SchoolAttend anceHistory/SchoolAttended/SchoolInf oData/AddressList/Address/State		0	StudentAcademicRecord
UT.133	TC	COURSE TITLE	Title of course, up to 20 characters. Use course title as found in SIS.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/SchoolCourseIn foData/CourseTitle		0	StudentAcademicRecord
UT.136	TC	CREDITS ATTEMPTED	Credits attempted by the student (potential credits)	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/CourseCreditsAttempte d		0	StudentAcademicRecord
UT.135	TC	CREDITS EARNED	Credits actually earned for the course.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/CourseCreditsEarned	This value is calculated in the manifest by totaling credits received from all marking periods for a specific course	0	StudentAcademicRecord
UT.193	TC	GRADE LEVEL	Student grade level when course was taken	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/GradeLevelWhenTaken		0	StudentAcademicRecord
UT.001	TC	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.003	TC	SCHOOL NUMBER	State-assigned number for school submitting record. Must match School Number on S1 record where school is student's school of record.	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo
UT.137	TC	SCHOOL YEAR	School year course was taken, designated by ending year (e.g. '2011' for the 2010-2011 school year).	StudentAcademicRecord/CourseHistory /Term/TermInfoData/SchoolYear		0	StudentAcademicRecord
UT.009	TC	STUDENT NUMBER	Student's locally-assigned unique ID. Must match S1 record, follow same formatting rules.	StudentPersonal/LocalId		0	StudentPersonal
UT.144	TG	CREDIT EARNED	Course credit value associated with this grade. As recorded in SIS or portion of total course credit.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/CourseCreditsEarned	Only the credit earned for this marking period for a specific course. This allows multiple marking periods to be reported for a single course	0	StudentAcademicRecord
UT.143	TG	GRADING TERM	Grading term as recorded in SIS (e.g. Storecode in PowerSchool). Does not need to match term info values, grades will be listed by ordinal position.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/TermInfoData/TermCode		0	StudentAcademicRecord
UT.001	TG	LEA NUMBER	State-assigned LEA number. Must match DI record.	LEAInfo/StateProvinceId		0	LEAInfo
UT.145	TG	LETTER GRADE	As recorded in SIS, typically A, B, C... Any value up to 5 characters is accepted if found in standard or submitted gradescale.	StudentAcademicRecord/CourseHistory /Term/Courses/Course/MarkingPeriods /MarkingPeriod/MarkData/Letter		0	StudentAcademicRecord
UT.003	TG	SCHOOL NUMBER	State-assigned number for school submitting record. Must match School Number on S1 record where school is student's school of record	SchoolInfo/StateProvinceId	StudentSchoolEnrollment[@SchoolInfoRefId]	0	SchoolInfo

ID Num.	Record Type	Element Name	Description	SIF Xpath Mapping	Notes and References	Extended Element	SIF Object
UT.009	TG	STUDENT NUMBER	Student's locally-assigned unique ID. Must match S1 record, follow same formatting rules.	StudentPersonal/LocalId		0	StudentPersonal
KEY:							
AC	Course Master Record						
AM	Course Membership Record						
DI	District Record						
ES	Exit Status Update Record						
I1	Incident Record						
I2	Incident Association Record						
S1	Student Record						
S2	SCRAM Record						
S3	YIC Record						
SC	School Record						
ST	Student Transcript Record						
TA	Transcript Assessment Record						
TC	Transcript Course Record						
TG	Transcript Grade Record						
SLF	StudentLocatorFramework (SLF)						

SIF OBJECTS LIST

Object	Provide	Subscribe	Events	Clearinghouse	eTranscripts	SSID	
CalendarSummary	x			x			
DisciplineIncident	x			x			
LEAInfo	x			x	x	x	
SchoolCourseInfo	x			x	x		
SchoolInfo	x			x	x	x	
SectionInfo	x			x			Not needed if alternative mapping used (UT.081, UT.086, UT.087)
StaffPersonal	o			o			See VRF Environment Variable Notes: Vrf.Target.usesStaffPersonal
StudentAcademicRecord	x				x		See VRF Environment Variable Notes See VRF Environment Variable Notes: Vrf.Property.ProrateMembershipDays AND
StudentAttendanceSummary	o			o			VRF Environment Variable Notes: Vrf.Target.usesStudentAttendanceSummary
StudentDemographicRecord	x				x		See VRF Environment Variable Notes Not needed if alternative mapping used (UT.096, UT.099)
StudentGrade	o			x			See VRF Environment Variable Notes: Vrf.Target.usesStudentGrade
StudentParticipation	x			x			See VRF Environment Variable Notes: Vrf.Property.SubtractSIFProgramDays
StudentPersonal	x	x	x	x	x	x	
StudentSchoolEnrollment	x		x	x	x	x	
StudentSectionEnrollment	x			x			
TermInfo	x			x			

VRF Environment Variable Notes

Vrf.Target.usesStaffPersonal
    Object: StaffPersonal
    Purpose: indicates if StaffPersonal required - i.e. if manifest uses StaffPersonal for Course Master teacher IDs
    Default value: 'false' (SIS2000)
    Usage: set value 'true' for PowerSchool or any other SIS that uses StaffPersonal for Course Master teacher IDs, rather than extended element

Vrf.Target.usesStudentGrade
    Object: StudentGrade
    Purpose: indicates if StudentGrade required - i.e. if manifest uses StudentGrade for Course Membership credits earned and grade earned
    Default value: 'false' (SIS2000)
    Usage: set value 'true' for PowerSchool or any other SIS that uses StudentGrade for Course Membership credits earned and grade earned, rather than extended element

Vrf.Property.SubtractSIFProgramDays
    Object: StudentParticipation (manifest SQL flag, does not affect SIF collection)
    Purpose: indicates if manifest needs to subtract S2 and S3 self-contained program days from School Membership days
    Default value: 'false' (SIS2000)
    Usage: set value 'true' for PowerSchool or any other SIS that includes self-contained program days in the published School Membership value

Vrf.Property.ProrateMembershipDays
    Object: StudentAttendanceSummary (manifest SQL flag, does not affect SIF collection)
    Purpose: indicates if manifest needs to prorate StudentAttendanceSummary data between multiple enrollments at same school
    Default value: 'false' (PowerSchool)

Usage: set value 'true' for SIS2000 or any other SIS that does not create a separate StudentAttendanceSummary record for each StudentSchoolEnrollment record

   Notes: Should be set true for any SIS agent that does not populate StudentAttendanceSummary/StudentSchoolEnrollmentRefId

Vrf.Target.usesSREGradeLevelSIFQuery
Vrf.Target.skipsSREGradeLevelSIFQuery
   Object: StudentAcademicRecord, StudentDemographicRecord
   Purpose: Used in tandem to indicate if collection SIF_Query should use or skip grade level constraints on SRE (transcript) objects
   Default values: uses = false, skips = 'true' (SIS2000)
   Usage: set Vrf.Target.usesSREGradeLevelSIFQuery = 'true' and Vrf.Target.skipsSREGradeLevelSIFQuery = 'false' for PowerSchool or any other SIS that supports SIF_Query
      for constraining grade level in SRE requests
   Notes
      Default settings should work for any SIS, but may be slower where SIS agent supports SIF_Query grade level constraint (e.g. PowerSchool)
      If either default value is overridden, both must be – one must always be false and the other must be true
      StudentDemographicRecord must also support constraining record selection by grade level (in StudentAcademicRecord)
      In the future, if only the 'uses' variable becomes necessary, the 'skips' variable (though no longer necessary) will not require deletion

Vrf.Target.usesStudentAttendanceSummary
   Object: StudentAttendanceSummary
   Purpose: indicates if StudentAttendanceSummary required - i.e. if manifest uses StudentAttendanceSummary for UT.188 Days Attended and UT.189 School Membership
   Default value: 'true' (PowerSchool and SIS2000)
   Usage: set value 'false' for Skyward or any other SIS that uses ExtendedElements on StudentSchoolEnrollment rather than StudentAttendanceSummary object.