

SIF PROFILE MAPPINGS

IOWA Department of Education State Reporting Using Schools Interoperability Framework



Version 3.0, 2015-2016

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SIF Profile Revision History

| Version | Date | Change | Description |
|------------|---------------------|--------------------------|---|
| 1.0 | 7/16/2012 | 2012-2013 Release | Profile release for 2012-13 school year. |
| 1.0.1 | 8/14/2012 | Minor update | Minor updates to version 1.0. |
| 1.0.2 | 8/09/2013 | 2013-2014 Release | Profile release for 13-14 school year. |
| 1.0.2 | 9/24/2013 | Minor update | Minor updates to version 1.0.2. |
| 1.0.2 | 9/30/2013 | Minor update | Minor updates to version 1.0.2. |
| 1.0.2 | 11/15/2013 | Minor update | Minor updates to version 1.0.2. |
| 1.0.2 | 11/26/2013 | Minor update | Minor updates to version 1.0.2. |
| 2.0 | 12/31/2014 | 2014-2015 Release | Profile release for 2014-15 school year. |
| 2.0.1 | 2/5/2015 | Minor update | Minor updates to version 2.0. |
| 2.0.2 | 3/20/2015 | Minor update | Minor updates to version 2.0. |
| 3.0 | May 26, 2015 | 2015-16 Release | Profile release for 2015-16 school year. |

2012-2013 Changes

The following changes have been made to this Profile in compliance with the Student Reporting in Iowa 2012-2013 (formerly EASIER) Data Dictionary, v.2.

- Added Element D0834 - Preschool Program 1 Type
- Added Element D0836 - Preschool Program 1 Hours
- Added Element D0838 - Preschool Program 1 Session
- Added Element D0835 - Preschool Program 2 Type
- Added Element D0837 - Preschool Program 2 Hours
- Added Element D0839 - Preschool Program 2 Session
- Deleted Element D0775 – Charter School
- Deleted Element D0783 – Preschool Program
- Deleted Element D0785 - Preschool Program Standards
- Deleted Element D0831 - SWVPP Hours
- Deleted Element D0833 - SWVPP Empowerment Tuition Assistance
- Deleted Element D0832 - SWVPP Parent Paid Tuition
- Change Element Name D0823 - PK Funded by Early Childhood Iowa (ECI)
- Added Code '82' to D0180 – Entry Code

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- Deleted Code '27' from D0190 – Exit Code
- Changed Element C0010 – Course Title - to Mandatory
- Changed Element C0020 – Course Number - to Mandatory
- Changed C0120 – Course Origination in SchoolCourseInfo - to Mandatory
- Added Extended Element C0120 - CourseOrigination to SectionInfo

2013-2014 Changes

The following changes have been made to this Profile in compliance with the Student Reporting in Iowa 2013-2014 Data Dictionary:

- Added Extended Element D0095 - Military Connected Status, to StudentPersonal
- Added Extended Element D0292 - IEP Placement Date, to StudentSchoolEnrollment
- Added Extended Element D0294 - IEP Staffed Out Date, to StudentSchoolEnrollment
- Added Element D0175 - Entry Type, to StudentSchoolEnrollment
- Changed Element H0080 - Student Information System: Report as NULL
- Deleted Element D0235 - Sports Participation
- Added ExcludeFromStateReporting element on four SIF objects: StudentPersonal, and StudentSchoolEnrollment (previously implemented but not documented in profile)

The profile has been updated to reflect Response to Intervention reporting (Iowa TIER). Most Iowa TIER elements were already in the profile and are indicated with 'Iowa TIER'. The following Iowa TIER elements were not in the profile or have been changed:

- Added LEAInfo/AddressList
- Added LEAInfo/PhoneNumberList
- Added SchoolInfo/LocalId
- Added SchoolInfo/AddressList
- Added SchoolInfo/PhoneNumberList
- Added StudentPersonal/ProjectedGraduationYear
- Added StaffPersonal/Gender
- Added StaffPersonal/EmailList
- Added StaffAssignment/JobStartDate
- Added StaffAssignment/JobEndDate
- Changed StaffAssignment/JobFunction/Code
- Added SectionInfo/SectionCode (Mandatory)
- Added StudentSectionEnrollment/EntryDate
- Added StudentSectionEnrollment/ExitDate
- Changed TermInfo/TermCode to Mandatory
- Added crosswalk for StaffAssignment/JobFunction codes

2014-2015 Changes

The following changes have been made to this Profile in compliance with the Student Reporting in Iowa 2014-2015 Data Dictionary, Iowa TIER:

- Deleted StudentPersonal/Extended Element D0095 - Military Connected Status
- Deleted StudentSnapShot/Extended Element D0747 - KLAScore3
- Deleted StudentSchoolEnrollment/Extended Element D0335 - C21LearningCtr
- Added new element to StudentSchoolEnrollment / SIF_ExtendedElement / JuniorSeniorRule with vendor default '0'
- Added new element to StudentSchoolEnrollment/ SIF_ExtendedElement / IEPLevel with vendor default '99'
- Added new element to SchoolCourseInfo /Extended Element / CreditRecovery with vendor default '0'
- Added new element to StudentSnapshot/ SIF_ExtendedElement / RNSELDAScore with vendor default '99'
- Added Code '40' to D0180 – Entry Code, A.1.2 StudentSchoolEnrollment / EntryType/OtherCodeList / OtherCode
- Added Codes '30' and '31' to D0190 – Exit Code, A.1.3 StudentSchoolEnrollment / ExitType/ OtherCodeList / OtherCode
- Added code '640' to A.1.6 EmployeeAssignment – JobClassification – Iowa Position Codes (non-teacher)
- Added codes '96001' – '96006' in A.1.7 EmployeeAssignment – SIF_ExtendedElement AssignmentCode – Iowa Assignment Codes
- Added codes '4' and '5' to A.1.9 EmployeeAssignment – Shared Codes
- Changed description for code '30010' in A.1.7 EmployeeAssignment – SIF_ExtendedElement AssignmentCode – Iowa Assignment Codes
- Changed description for code '60035' in A.1.7 EmployeeAssignment – SIF_ExtendedElement AssignmentCode – Iowa Assignment Codes
- Changed description for StudentSchoolEnrollment / SIF_ExtendedElement / ELLStatus
- Changed description for StudentSchoolEnrollment / SIF_ExtendedElement / Migrant
- Changed StudentSchoolEnrollment/ ELLPlacementDate to LIEPPlacementDate
- Changed StudentSchoolEnrollment/ELLPlacementInstrument to LIEPPlacementInstrument
- Changed StudentSchoolEnrollment/ELLInstructionalProgram to LIEPInstructionalProgram
- Changed IA DE Business Rule for SchoolCourseInfo / SubjectArea / OtherCodeList
- Changed data type to token (alphanumeric) on StudentSnapShot / SIF_ExtendedElement / KLAScore1
- Changed all RTI references to TIER.
- Added crosswalk table, A.1.13 Kindergarten Literacy Assessment
- Added vendor default value 'N' for DisciplineIncident / SIF_ExtendedElement / StudentRemovals /StudentRemoval / RemovalWeaponCode StudentRemoval / RemovalWeaponCode
- Added vendor default value '0' for DisciplineIncident / SIF_ExtendedElement/ StudentRemovals/ StudentRemoval / UnsafeSchoolChoiceOffense
- Added vendor default value 'eng' for StudentPersonal / Demographics / Language /

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OtherCodeList / OtherCode

- Added vendor default value '1.00' for StudentSchoolEnrollment/ FTE
- Added vendor default value '99' for StudentSchoolEnrollment/SIF_ExtendedElement / CPIDualEnrollment
- Added vendor default '0' for StudentSchoolEnrollment / SIF_ExtendedElement /FosterCare
- Added vendor default '99' for StudentSchoolEnrollment/ SIF_ExtendedElement /SvcOrFacilityType
- Added vendor default '99' for StudentSchoolEnrollment / SIF_ExtendedElement / ReceivingEduServices
- Added vendor default '99' for StudentSchoolEnrollment / SIF_ExtendedElement / DestinationCode
- Added Vendor default value '99' for StudentSchoolEnrollment / SIF_ExtendedElement / ELLStatus
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / PreschoolAttendance
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / Title1Reading
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / Title1Math
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / Title1SchoolChoice
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / Title1SupplSvcs
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / FreeLunch
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / ReducedLunch
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / CEIS
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / Section504
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / StudentOptionTransfer
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / GiftedTalented
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / IEP
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / AtRisk
- Added vendor default '0' to StudentSchoolEnrollment / SIF_ExtendedElement / Migrant
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / HomelessType
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / UnaccompaniedYouth
- Added vendor default '99' to StudentSchoolEnrollment / SIF_ExtendedElement / HomelessMcKinneyVentoServed
- Added vendor default '99' to StudentSchoolEnrollment/ SIF_ExtendedElement / LIEPPlacementInstrument
- Added vendor default '99' to StudentSchoolEnrollment/ SIF_ExtendedElement / ELLPlacementProficiency
- Added vendor default '99' to StudentSchoolEnrollment/ SIF_ExtendedElement / LIEPInstructionalProgram
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / GradStatus
- Added vendor default '99' to StudentSchoolEnrollment/ SIF_ExtendedElement / PreschoolProgram1Type
- Added vendor default '0.0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PreschoolProgram1Hours
- Added vendor default '99' to StudentSchoolEnrollment/ SIF_ExtendedElement /

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- PreschoolProgram2Type
- Added vendor default '0.0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PreschoolProgram2Hours
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKHeadStartFunded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKSharedVisionsFunded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKECIFunded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKParentFunded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKTitle1Funded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKSWVPPFunded
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / PKFundedByOther
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / Program1
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / Program2
- Added vendor default '0' to StudentSchoolEnrollment/ SIF_ExtendedElement / Program3
- Added vendor default 'eng' to StudentDemographicRecord/ StudentPersonalData / DemographicsData / LanguageList / Language / OtherCodeList / OtherCode
- Added vendor default '0' to SchoolCourseInfo / StateCourseCode
- Added vendor default '0' for SchoolCourseInfo / SubjectArea / OtherCodeList
- Added vendor default '1' for SchoolCourseInfo / SIF_ExtendedElement / CourseOrigination
- Added vendor default '1' for SectionInfo / SIF_ExtendedElement / CourseOrigination
- Added vendor default '0.000' for SectionInfo / SIF_ExtendedElement / SectionSupplementaryFTE
- Added vendor default '1' to SectionInfo / MediumOfInstruction / OtherCodeList / OtherCode
- Added vendor default '0' to StudentAcademicRecord/ SIF_ExtendedElement / GraduationStatus
- Added vendor default '0' to StudentAcademicRecord / CurrentCourseActivity / Courses / Course / SchoolCourseInfoData / StateCourseCode
- Added vendor default '1' to StudentAcademicRecord / CurrentCourseActivity / Courses / Course / SIF_ExtendedElement / CourseOrigination
- Added vendor default '0' to StudentAcademicRecord / CourseHistory / Term / Courses / Course / SchoolCourseInfoData / StateCourseCode
- Added vendor default '1' to StudentAcademicRecord / CourseHistory / Term / Courses / Course / SIF_ExtendedElements / SIF_ExtendedElement / CourseOrigination
- Added vendor default '99' to StudentSnapshot / SIF_ExtendedElement / KLitAssessment
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement / DiplomaType
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement / PostGradLocation
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement / PostGradPlan
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement / RNSReadingScore
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement/ RNSMathScore
- Added vendor default '99' to StudentSnapshot/ SIF_ExtendedElement/ RNSScienceScore

The following are additional changes to the 2014-2015 draft release, version 2, dated December 31, 2014.

- Remove SchoolCourseInfo/SIF_ExtendedElement/ExcludeFromStateReporting
- Remove SchoolInfo/SIF_ExtendedElement/ExcludeFromStateReporting

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- Corrected the SIF standard elements on StudentDemographicRecord/ StudentPersonalData / by changing MigrantCode to Migrant
- Corrected the SIF standard elements on StudentDemographicRecord/ StudentPersonalData / by changing Section504Code to Section504
- Corrected the SIF standard elements on StudentDemographicRecord/ StudentPersonalData / by changing GiftedTalentedCode to GiftedTalented
- Changed vendor default from '0' to 'No' on StudentDemographicRecord / StudentPersonalData / Section504
- Changed vendor default from '0' to 'No' on StudentDemographicRecord / StudentPersonalData / GiftedTalented
- Added vendor default 'No' to StudentDemographicRecord / StudentPersonalData / Migrant
- Changed vendor default from '0' to 'No' on StudentPersonal / Immigrant
- Changed MigrantCode to Migrant on A.3.3 StudentDemographicRecord Crosswalk for Migrant

The following are corrections to the 2.0.1 version:

- Changed StudentSchoolEnrollment/ELLExitDate to LIEPExitDate
- Changed vendor default from '0' to 'No' on StudentDemographicRecord/SIF_ExtendedElement/Title1TargetedAssistanceReading
- Changed vendor default from '0' to 'No' on StudentDemographicRecord/SIF_ExtendedElement/Title1TargetedAssistanceMath
- Changed vendor default from '0' to 'No' on StudentDemographicRecord/ SIF_ExtendedElement / ReducedPriceLunch
- Changed vendor default from '0' to 'No' on StudentDemographicRecord / SIF_ExtendedElement / FreeLunch
- Changed vendor default from '0' to 'No' on StudentDemographicRecord/ SIF_ExtendedElement / IEPIndicator
- Changed vendor default from '0' to 'No' for StudentDemographicRecord/ SIF_ExtendedElement / FosterCareIndicator
- Added crosswalk table, A.3.6 IEPIndicator
- Added crosswalk table, A.3.7 FosterCareIndicator
- Changed description for '0' on A.3.5 StudentDemographicRecord – Crosswalk for IDEA from 'No (also vendor default: 99)' to 'No (also Vendor Default = 0)'
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram1Type
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram1Hours
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram1Session
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram2Type
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram2Hours
- Removed a space in the StudentSchoolEnrollment object for the extended element PreschoolProgram2Session

2015-2016 Changes

The following changes have been made to this Profile in compliance with the Student Reporting in Iowa 2015-2016 Data Dictionary and Iowa TIER:

Deleted Elements:

- Deleted DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / RemovalReason – Element E0020
- Deleted DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / RemovalType - Element E0010
- Deleted StudentSchoolEnrollment / SIF_ExtendedElement / IEP – Element D0290
- Deleted StudentSchoolEnrollment / SIF_ExtendedElement / Migrant – Element D0320
- Deleted StudentSchoolEnrollment / SIF_ExtendedElement / LIEPPlacementInstrument – Element D0440
- Deleted StudentSnapshot / SIF_ExtendedElement / RNSELDAScore – Element D0475
- Deleted StudentSnapshot / SIF_ExtendedElement / KLAScore1 – Element D0745
- Deleted StudentSnapshot / SIF_ExtendedElement / KLAScore2 – Element D0746

Added Elements:

- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / ProblemBehavior – Element E0022
- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / ActionTaken – Element E0012
- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / Motivation
- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / SeclusionRestraint
- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / MajorMinor
- Added DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / ExpulsionZeroTolerance – Element E0025
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear1Teacher – Element D0482
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear1EndDate – Element D0483
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear1Decision – Element D0484
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear2Teacher – Element D0486
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear2EndDate – Element D0487
- Added StudentSchoolEnrollment / SIF_ExtendedElement / ELLMonitorYear2Decision – Element D0488
- Added StudentSchoolEnrollment / SIF_ExtendedElement / DateReenteredLIEPProgram – Element D0489

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- Added StudentPersonal / Demographics / CountryOfBirth – Element D0415
- Added StudentPersonal / SIF_ExtendedElement / HomeLanguageSurveyDate – Element D0405
- Added StudentPersonal / SIF_ExtendedElement / HomeLanguageIdentifier – Element D0406
- Added TermInfo / TermSpan

Changed Elements:

- Changed DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / RemovalWeaponCode to DisciplineIncident / SIF_ExtendedElement / StudentRemovals / StudentRemoval / WeaponCode
- Changed vendor default to 99 on StudentSchoolEnrollment / SIF_ExtendedElement / PreschoolAttendance – Element D0787
- Changed from Element D0290 to D0296 for StudentDemographicRecord / SIF_ExtendedElement / IEPLLevel

Added Objects

- MarkInfo
- MarkValueInfo
- StudentSectionMarks
- AttendanceCodeInfo
- CalendarSummary
- StudentContact
- StudentDailyAttendance

Updated definitions of values for the Profile Char field in the SIF Object Definition Format section.

1 - Introduction

This Profile document is being provided to application vendors based on the Iowa DE File Layouts for SRI, Uniq-ID, BEDS, ITC, and Iowa TIER. Many of the source documents used to create this Profile can be found on the official website of the Iowa Department of Education <https://www.educateiowa.gov/data-reporting/schools-interoperability-framework-sif>

The Iowa Department of Education is committed to helping districts and schools collect and report state-mandated BEDS, State ID, and Student Reporting In Iowa, and Iowa TIER data in a more timely and automated manner. New web-enabled software tools are available to all LEAs to facilitate the collection of this data using SIF.

The *Schools Interoperability Framework™* (SIF) standard describes both a data model and a transport mechanism by which data is securely requested from, routed, and delivered to authorized applications. Several application vendors already provide SIF-enabling extensions (agents) for their software although most support only a small number of SIF objects and data elements. The full SIF Implementation Specification can be found at <http://www.sifassociation.org>.

1.1 – Purpose

The purpose of this document is to provide application vendors with the information needed to successfully develop SIF agents in compliance with Iowa Department of Education State Reporting. Districts and schools are encouraged to work with their application vendors to ensure a suitable SIF agent is available and able to publish the data needed to best represent their interests with the state.

The information in this document is provided in addition to and in concert with current DE publications for data definitions. As such, there is no attempt here to replicate DE data element definitions, code sets, or to describe business logic or validation rules except where further explanation or context is needed.

1.2 – How to Use This Document

This document contains SIF object definitions and explanations that facilitate the collection of data for DE systems. While the SIF specification contains in excess of 250 SIF objects and services, only those applicable to DE state reporting are documented in this profile. Accompanying each object are notes on usage and expected behaviors, including whether support for SIF events is needed or not.

SIF mappings are based on *SIF Implementation Specification v2.4*. DE data elements are mapped to existing SIF objects and data elements where possible. SIF extended elements are used in cases where no suitable mapping is available. DE data element codes are used within the SIF object definitions to signify the element mapping.

For most of the SIF_ExtendedElements, which are located at the root of an object, the parent element SIF_ExtendedElements was intentionally left out from the path after its first mention. The XML structure remains the same, but the notation has been simplified. Where the SIF_ExtendedElements is an extension of an element, and not the root, then the full path is noted. The Appendix provides code sets for data elements as they pertain to DE and other useful information not generally found in other DE documents or in the SIF object definitions.

1.3 – Data Collection Workflow

State reporting personnel within districts and schools (LEAs) are given access to a secure web portal through which they can direct the collection, validation, and submission of state reporting data. These folks are given complete control over state reporting processes and decide when it is appropriate to approve the data and submit it to DE. The portal facilitates the collection of data using SIF (preferred) but may for some collections accept an existing extract file when a suitable SIF agent is unavailable. Validation (“edit”) checks are performed against collected data and the results are made available for review. Any data issues need to be corrected in the source system. Data previews are available in the software to assist in determining whether the data set is complete and ready for submission. This process can be automated, alerting state reporting personnel of any issues via email notification.

From a vendor perspective starting a collection causes SIF Requests to be sent to the local SIF zone. Responses are stored and transformed from SIF objects into the formats required for delivery to the state. Transformation logic determines how and what data is used and validation checks determine whether the data is complete enough for submission. Validation checks can be as simple as checking to make sure a value is provided to looking up a value within a long, dynamic list or even something more complex involving multiple columns and

tables. DE has complete control over the logic used within each collection and can publish logic (manifest) updates without a software upgrade.

1.4 – Uniq-ID Automation Workflow

LEAs are able to acquire Uniq-IDs for students automatically when using a capable SIF agent. When a student is added to the local Student Information System (SIS) the corresponding SIF agent generates a SIF Add event on the StudentPersonal and StudentSchoolEnrollment objects. These events cause the SIF agent for Uniq-ID to generate a formal request for a Uniq-ID from the state hosted Uniq-ID system. Upon successful resolution the assigned Uniq-ID is delivered to the local SIF zone in the form of a SIF Change event on the StudentPersonal object for the StateProvinceId. The SIS agent should then consume the assigned Uniq-ID and write it to the appropriate location with the SIS application database.

This process depends largely on the ability of the SIS agent to publish SIF objects and events that provide key student demographic and enrollment information, and for the SIS agent to consume (**write-back**) the Uniq-ID it receives to the application database. When configured properly this process works very well and usually within just a few minutes of the initial request. The SIF objects needed to support this workflow are limited to StudentPersonal, StudentSchoolEnrollment, and SchoolInfo. Specific elements can be located within this specification by searching for the keyword “Uniq-ID”.

Iowa SLF (Uniq-ID) Input Parameters

| Element | Format | Min Len | Max Len | Required |
|------------------------|---------|---------|---------|----------|
| School Number | Alpha | 4 | 4 | Y |
| Resident District | Alpha | 4 | 4 | Y |
| Student Last Name | Alpha | 1 | 60 | Y |
| Student First Name | Alpha | 1 | 60 | Y |
| Student Middle Name | Alpha | 1 | 60 | N |
| Student Suffix | Alpha | 1 | 10 | N |
| Gender | Alpha | 1 | 1 | Y |
| Birth Date | Date | 10 | 10 | Y |
| Grade Level | Alpha | 2 | 2 | Y |
| Local Student ID | Alpha | 1 | 20 | Y |
| Social Security Number | Numeric | 9 | 9 | N |
| RaceEthnicity_StateID | Alpha | 1 | 1 | Y |
| State Student ID | Numeric | 10 | 10 | N |
| Attending District | Alpha | 4 | 4 | Y |
| Current School Year | Numeric | 4 | 4 | Y |
| Entry Code | Alpha | 1 | 2 | Y |

1.5 – Iowa TIER Automation Workflow

LEAs are able to populate the Iowa TIER system automatically when using a SIF agent that responds to event-driven transactions. When data are changed in the local SIS, the corresponding SIF agent generates a SIF Add, Change, or Delete event on the following objects:

| | | |
|---------------------|-------------------------|--------------------------|
| MarkInfo | LEAInfo | SchoolCourseInfo |
| MarkValueInfo | SchoolInfo | SectionInfo |
| StudentSectionMarks | StudentPersonal | StudentSectionEnrollment |
| AttendanceCodeInfo | StudentSchoolEnrollment | StudentContact |
| CalendarSummary | StaffPersonal | StudentDailyAttendance |
| DisciplineIncident | StaffAssignment | TermInfo |

Specific elements can be located within this specification by searching for the keyword “TIER”. Any data change to any data element in the above objects shall produce an event.

2 – Breakdown of SIF Objects by State Collection

The table below shows the Iowa DE collections and the SIF Objects used to gather their respective data. Please note that submitting district identifier for all Iowa State SIF collections is provided in LEAInfo/StateProvinceId.

| Collections | Objects | Data |
|---------------------------|---|---------------------------------|
| Student Reporting in Iowa | StudentSectionMarks, DisciplineIncident, LEAInfo, SchoolCourseInfo, SchoolInfo, SectionInfo, StaffPersonal, StudentAttendanceSummary, StudentPersonal, StudentSchoolEnrollment, StudentSectionEnrollment, StudentSnapshot, TermInfo | Student |
| Uniq-ID | SchoolInfo, StudentPersonal, StudentSchoolEnrollment | Student State ID |
| ITC | StudentDemographicRecord, StudentAcademicRecord | Student records and transcripts |
| TIER | MarkInfo, MarkValueInfo, StudentSectionMarks, AttendanceCodeInfo, CalendarSummary, DisciplineIncident, LEAInfo, SchoolCourseInfo, SchoolInfo, SectionInfo, StaffAssignment, StaffPersonal, StudentContact, StudentDailyAttendance, StudentPersonal, StudentSchoolEnrollment, StudentSectionEnrollment, TermInfo | Student, Staff |
| BEDS | SchoolInfo, StaffAssignment, StaffPersonal, EmployeePersonal, EmployeeAssignment, LocationInfo | Staff |

SIF PROFILE MAPPINGS

| State Zone | State collections | Iowa TIER Zone |
|--------------------------|--------------------------|--------------------------|
| StudentSectionMarks | SRI | MarkInfo |
| DisciplineIncident | SRI | MarkValueInfo |
| LEAInfo | SRI | StudentSectionMarks |
| SchoolCourseInfo | SRI | AttendanceCodeInfo |
| SchoolInfo | Uniq-ID, SRI, BEDS | CalendarSummary |
| SectionInfo | SRI | DisciplineIncident |
| StaffAssignment | BEDS | LEAInfo |
| StaffPersonal | SRI, BEDS | SchoolCourseInfo |
| StudentAttendanceSummary | SRI | SchoolInfo |
| StudentPersonal | Uniq-ID, SRI | SectionInfo |
| StudentSchoolEnrollment | Uniq-ID, SRI | StaffAssignment |
| StudentSectionEnrollment | SRI | StaffPersonal |
| StudentSnapshot | SRI | StudentContact |
| TermInfo | SRI | StudentDailyAttendance |
| StudentDemographicRecord | ITC | StudentPersonal |
| StudentAcademicRecord | ITC | StudentSchoolEnrollment |
| EmployeePersonal | BEDS | StudentSectionEnrollment |
| EmployeeAssignment | BEDS | TermInfo |
| LocationInfo | BEDS | |

3 – SIF Object Definition Format

The SIF objects needed for Iowa State reporting are listed in this document and appear in a format very similar to that used in the SIF Implementation Specification, with the following additions:

- A column has been added to explain any business rules or instructions beyond those defined in the Iowa Data Dictionary or in documents posted on the BEDS website, or in TIER documents posted on the Early Literacy Implementation website as they relate to this SIF mapping.
- The column “Profile Char” reflects whether an element or an attribute is Mandatory, Optional, or Conditional.
- “M” stands for Mandatory and means that an agent must provide the SIF element and a valid value in every instance.
- “O” stands for Optional and means that an agent must provide the SIF element and a valid value if a value exists in the Student Information System or other software system.
- “C” stands for Conditional and means that an agent must provide the SIF element and a valid value if the condition exists according to the IA DE Business Rules.
- The gray cells in the “Profile Char” column highlight discrepancies between the SIF Specification and Iowa SIF Profile mappings.

Table columns are defined as:

| Table Key | | | | | |
|-------------------------------|---|-----------------------------|---|--|--|
| Element/Attribute | Profile Char | IA DE Element Code | Description | SIF Type | IA DE Business Rules |
| SIF Element or attribute name | Requirement level (Mandatory, optional, conditional, etc.) as required for adherence to this profile. | The identifying IA DE code. | Description as identified by the SIF Implementation Specification 2.4 | The data type as defined by the SIF Implementation Specification 2.4 | Brief explanations of IA DE Business Rules, or references to notes, or brief instructions for an element |

4 – SIF Object Definitions

4.1 – Grade Book Objects

Usage:

The goal of the Grade Book Objects are an efficient, functional standard that supports the entire SIF structure, allowing for easy, bi-directional transfer of data integral to grading.

4.1.1 MarkInfo

(SIF Implementation Specification 2.4 - 6.7.4)

This object defines each mark that can be recorded and associates it with a MarkValueInfo object that lists the types of values and valid values for each type. It also places the definition in the context of a school and a school year.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------|--------------|----------------------|--|------------|----------------------|
| MarkInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this Grading Mark entity | RefIdType | |
| @MarkValueInfoRefId | M | | The Id (GUID) that uniquely identifies the MarValueInfo. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that uniquely identifies the School that this Mark applies to. | RefIdType | |
| SchoolYear | M | | The school year for which this MarkInfo is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| Description | M | TIER | Textual description of the type of Mark (e.g. "Marking Period Grade", "Comment 1", "Comment2", "Conduct", "Effort", "WorkHabits"). | xs:string | |

SIF PROFILE MAPPINGS

4.1.2 MarkValueInfo

(SIF Implementation Specification 2.4 - 6.7.5)

This object defines the types of values allowed for a mark and the domain for each mark value. At least one of the Percentage, Numeric, Letter, or Narrative nodes must be used to create a valid MarkValueInfo.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|----------------------|--------------|----------------------|---|-------------|----------------------|
| MarkValueInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this MarkValueInfo entity | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that uniquely identifies the School that this Mark Values apply to. | RefIdType | |
| SchoolYear | M | | The school year for which this MarkValueInfo is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| Name | M | TIER | The text name of the value list (“Letter Grades”, “Letter Grades (+/-)”, “ESU”, “Pass/Fail”, “Override Grades”, “Citizenship Comment Codes”, etc.). | xs:string | |
| Percentage | M | TIER | Indicates whether a percent Mark is accepted (format ##0.00). | | |
| @IsAccepted | M | TIER | Indicates whether a percent Mark is accepted and is used in Change events to unambiguously signal whether support for the Mark has changed, especially ended. | xs: boolean | |
| Percentage / Minimum | O | TIER | The minimum percent value accepted for this mark. If present, the publisher of this object is required to ensure that any values present in the StudentSectionMarks object will not be lower than this value. | xs: decimal | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------|--------------|----------------------|--|-----------------------------|----------------------|
| MarkValueInfo | | | | | |
| Percentage / Maximum | O | TIER | The maximum percent value accepted for this mark. If present, the publisher of this object is required to ensure that any values present in the StudentSectionMarks object will not be higher than this value. | xs: decimal | |
| Numeric | M | TIER | Indicates whether a raw numeric score is accepted. | | |
| @IsAccepted | M | TIER | Indicates whether a raw numeric score is accepted and is used in Change events to unambiguously signal whether support for the score has changed, especially ended | xs: boolean | |
| Numeric / Precision | O | TIER | Number of significant digits. | xs: unsignedInt | |
| Numeric / Scale | O | TIER | Number of decimal places. | xs: unsignedInt | |
| Numeric / Low | O | TIER | Lowest Mark in the range (e.g., 98, 3.95). | xs: decimal | |
| Numeric / High | O | TIER | Highest Mark in the range (e.g., 100, 4.0). | xs: decimal | |
| Letter | M | TIER | Indicates whether a letter Mark is accepted. | ActionList (ValidMark/Code) | |
| @IsAccepted | M | TIER | Indicates whether a letter Mark is accepted and is used in Change events to unambiguously signal whether support for the Mark has changed, especially ended. | xs: boolean | |
| Letter / ValidMark | CR | TIER | List of specific valid letter Marks. May be omitted when IsAccepted is false, otherwise mandatory. | | |
| @SIF_Action | O | TIER | In a Change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum, the key for the list must also be present. | Delete | |
| Letter / ValidMark / Code | M | TIER | String representing the actual Mark that would appear on the report card (e.g., "A+", "I", "100"). | xs: token | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|-----------------|----------------------|
| MarkValueInfo | | | | | |
| Letter / ValidMark / NumericEquivalent | O | TIER | Numeric equivalent for the Mark (e.g., "100", "4.0"). | xs: decimal | |
| Letter / ValidMark / Description | O | TIER | The description for this code (e.g. "Excellent", "Participates in Class", "Incomplete", etc.). | xs: string | |
| Narrative | M | TIER | If present, indicates that a free-form text narrative is accepted. | | |
| @IsAccepted | M | TIER | Indicates whether a narrative is accepted and is used in Change events to unambiguously signal whether support for a narrative has changed, especially ended. | xs: boolean | |
| Narrative / MaximumSize | O | TIER | An integer value representing the maximum number of Unicode characters for the narrative, the UTF-8 encoding of which may be longer. | xs: unsignedInt | |

4.1.3 StudentSectionMarks

(SIF Implementation Specification 2.4 - 6.7.10)

This object contains the marks entered for a student in a class section for a specific marking period.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|----------------------------|--------------|----------------------|---|-----------|----------------------|
| StudentSectionMarks | | | | | |
| @StudentPersonalRefId | M | | The Id (GUID) that uniquely identifies the StudentPersonal object that this item refers to. | RefIdType | |
| @SectionInfoRefId | M | | The Id (GUID) that uniquely identifies the SectionInfo object that this item refers to. | RefIdType | |
| @TermInfoRefId | M | | The Id (GUID) that identifies the marking period that the following marks are recorded in. | RefIdType | |

SIF PROFILE MAPPINGS

| Element/Attribute StudentSectionMarks | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|--|----------------------|
| @SchoolInfoRefId | M | | The Id (GUID) that uniquely identifies the School that these Mark Values apply to. | RefIdType | |
| IsFinal | M | TIER | Indicates if the grades are “Final” from the perspective teacher or school. Does not mean that change events will not occur for this item. | xs: boolean | |
| MarkList | M | TIER | A list of marks received for this student in this section. For each Mark entry, at least one of the sub-elements must be specified. | List | |
| MarkList / Mark | MR | TIER | Outer wrapper for marks reported for this section, in this term. | | |
| @MarkInfoRefId | M | TIER | The Id (GUID) that identifies a mark that was given for this student. | RefIdType | |
| MarkList / Mark / Percentage | C | TIER | The percent scores for this mark (0.00 – 100.00). | xs: decimal xs:minInclusive 0 xs:maxInclusive 100 xs:fractionDigits 2 | |
| MarkList / Mark / Numeric | C | TIER | The raw numeric score for this mark. | xs: decimal | |
| MarkList / Mark / Letter | C | TIER | The letter grade for this mark. | xs: NormalizedString | |
| MarkList / Mark / Narrative | C | TIER | The free form narrative for this mark. | xs: string | |
| SIF_ExtendedElements / SIF_ExtendedElement / [@Name=“IA Profile Extensions”] | M | | | SIF_ExtendedElement | |
| SIF_ExtendedElement / SectionFinalGrade | M | C0143 | The final grade for this section of a course. | xs: token | |

4.2 – Student Information System Objects

The Student Information Systems Working Group provides maximum interoperability between PK-12 applications that need to exchange SIS information such as student, teacher, school, and enrollment using SIF by designing SIF data objects that are easy to understand, implement and extend, and by making the communication between applications as efficient as possible by ensuring that only the minimum required amount of data is exchanged in each transaction.

4.2.1 AttendanceCodeInfo

(SIF Implementation Specification 2.4 - 6.14.1)

This object provides information about a particular attendance code, allows applications to synchronize each other’s attendance code tables, or provides a dynamic list of attendance codes.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------|--------------|----------------------|---|--|---|
| AttendanceCodeInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this AttendanceCodeInfo entity. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that identifies the school where the attendance code is used. | RefIdType | |
| AttendanceCode | M | TIER | Locally defined code for attendance | xs:token | |
| AttendanceType | M | TIER | Type of attendance code | <u>values:</u> Absent Tardy EarlyDeparture Partial Present Other | Present will be assumed for any school day that an event is not sent for a student. |
| AttendanceStatus | M | TIER | Excused status of the attendance code. | <u>values:</u> Excused Unexcused Unknown NA | |
| Description | O | TIER | The text description of the attendance code. | xs:normalizedString | |

SIF PROFILE MAPPINGS

| Element/Attribute AttendanceCodeInfo | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|-----------------------------|----------------------|
| AbsenceValue | M | TIER | The amount of absence represented by AttendanceCode, up to three decimal places. | xs:decimal | |
| UsedForDailyAttendance | M | TIER | Is this attendance code used for daily attendance? | <u>values:</u> Yes No | |
| UsedForPeriodAttendance | M | TIER | Is this attendance code used for period attendance? | <u>values:</u> Yes No | |

4.2.2 CalendarSummary

(SIF Implementation Specification 2.4 - 6.14.4)

This object provides a summary of a school's calendar information for a given school year. A school may have more than one calendar per school year (e.g., one calendar for Kindergarten students, one for special education students, one for seniors, or one for each calendar track), and each may have different days in session, start and end dates, minutes per day, instructional minutes, etc.

SIF_Events are reported for this object.

| Element/Attribute CalendarSummary | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|------------|----------------------|
| @RefId | M | | The Id (GUID) of the calendar to which this information relates. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that uniquely identifies the School for which this calendar information is being reported. | RefIdType | |
| SchoolYear | M | | The school year for which this MarkInfo is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| LocalId | M | TIER | The locally assigned identifier for this calendar | LocalId | |
| Description | O | TIER | Textual description of the school calendar. | xs: string | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|------------------------|--------------|----------------------|---|-----------------|----------------------|
| CalendarSummary | | | | | |
| DaysInSession | M | TIER | The total number of days that the school was or is anticipated to be in session during the school year. Also included are days on which the education institution facility is closed and the student body as a whole is engaged in planned activities off-campus under the guidance and direction of staff members. | xs: unsignedInt | |
| StartDate | O | TIER | The first calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, StartDate must be the date of the first chronological instance of CalendarDate for the school's calendar. | xs: date | |
| EndDate | O | TIER | The last calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, StartDate must be the date of the last chronological instance of CalendarDate for the school's calendar. | xs: date | |
| FirstInstructionDate | M | TIER | The first day of student instruction. | xs: date | |
| LastInstructionDate | M | TIER | The last day of student instruction (including days or times that students are present for purposes of testing and/or evaluation, but not including whole or part-days whose sole purpose is for distribution of report cards). | xs: date | |
| GraduationDate | O | TIER | Date of graduation ceremony. | GraduationDate | |
| InstructionalMinutes | O | TIER | The total number of instructional minutes for this calendar for the school year. | xs: unsignedInt | |
| MinutesPerDay | O | TIER | The number of minutes in the day in which the school is normally in session. | xs: unsignedInt | |
| GradeLevels | O | TIER | Collection of grade levels applicable to this school calendar. | GradeLevels | |

SIF PROFILE MAPPINGS

4.2.3 DisciplineIncident

(SIF Implementation Specification 2.4 - 6.14.5)

This object provides information on incidents involving violence, weapons, drugs, and other safety and discipline issues.

SIF_Events are reported for this object.

Usage:

For Iowa State Reporting, the DisciplineIncident object is used to represent an Incident, with one or more StudentRemoval occurrences conveyed by the complex Extended Element "IA Profile Extensions". Complex Extended Element, StudentRemoval, allows all the data elements related to a single occurrence of a student removal to maintain their association to each other, and to be repeatable. In addition, these elements allow for Iowa’s state-specific codes. For Iowa TIER, a combination of regular and extended elements are required to describe an incident event and resulting action taken. Events are expected for this object for Iowa TIER.

(See XML Example of the DisciplineIncident complex Extended Element "IA Profile Extensions" following the object definition.)

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------|--------------|----------------------|---|-----------------------|----------------------|
| DisciplineIncident | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this DisciplineIncident. | RefIdType | |
| @SchoolYear | M | | School year in which the incident occurred, and for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2016" for the 2015-16 school year). | SchoolYear | |
| AgencyReporting | M | | The Id (GUID) of the school or LEA reporting the incident, usually the school in which the incident occurred. | IdRefType | |
| @SIF_RefObject | M | | The name of the SIF object to which the GUID relates. | Values: SchoolInfo | |
| IncidentNumber | M | E0005 TIER | The locally-defined unique identifier (within the school or school district) to identify this specific incident or occurrence. | xs:normalizedString | |
| IncidentDate | M | TIER | The date when the incident occurred. | xs:date | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|--|--|
| DisciplineIncident | | | | | |
| IncidentTime | M | TIER | The time when the incident occurred. | xs:time | |
| IncidentTime /@Type | M | | Identifies whether or not the incident occurred during school hours. | SAFETYTimeType | |
| IncidentLocation | M | TIER | The locally-defined identifier or description of the location where the incident occurred. | xs:string | See appendix A.4.2.1 for code values |
| IncidentLocation /@Type | M | | Identifies where the incident occurred. | NCES1040IncidentLocationType | Vendor default: 9997 Codes don't match with Iowa codes. |
| IncidentLocationRefId | O | TIER | GUID of the SIF object that relates to the school or location where the incident occurred, if applicable | IDRefType | |
| IncidentLocationRefId /@SIF_RefObject | M | TIER | The name of the SIF object to which the GUID relates. | <u>Values:</u> SchoolInfo | |
| IncidentCost | O | | If the incident resulted in a quantifiable monetary loss for any entity involved, identify and record the value of that loss. Cost may be reported by specific monetary amount or range. | xs: string | |
| IncidentReporter | M | TIER | Information regarding the individual who reported the incident. | | |
| IncidentReporter /@Type | M | TIER | Identifies the type of individual who reported the incident. | NCES1043ReporterDescriptionType | Vendor default: 9997 Codes don't match with Iowa codes. |
| IncidentReporter / Name | M | TIER | The name of the individual reporting the incident. | Name | |
| IncidentReporter / SIF_RefId | O | TIER | GUID of the SIF object that relates to the person who reported the incident. | IDRefType | |
| IncidentReporter / SIF_RefId /@SIF_RefObject | M | TIER | The name of the SIF object to which the GUID relates. | <u>Values:</u> StudentPersonal StaffPersonal EmployeePersonal | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|----------------------------------|--------------|----------------------|---|---------------------------------------|--|
| DisciplineIncident | | | | StudentContact | |
| RelatedToList | O | | List of categories to which the incident is related. | List | |
| RelatedToList / RelatedTo | OR | | Identifies if the incident was related to a specific category. | NCES1048SecondaryIncidentBehaviorType | |
| WeaponTypeList | O | | List of weapons involved in the incident. If the incident involves weapons, the element must have a value. Each weapon used in the incident is identified by a WeaponType entry. When multiple weapons of a single type are used, each weapon has a separate entry in this list. Weapons used by individual offenders are also reported in WeaponTypeList entries associated to the offender. | List | Iowa does not use this element. |
| WeaponTypeList / WeaponType | OR | | | NCES1045WeaponType | |
| IncidentCategory | M | | The category or description for this incident. | | |
| IncidentCategory / Code | M | | Identifies the type of incident being reported. | NCES1049IncidentCodeType | Vendor default: 9000 Codes don't match with Iowa codes. |
| IncidentCategory / OtherCodeList | O | | List of other codes or strings that crosswalk to or serve as translations of the Code element. If Code changes and OtherCode elements are supported, both Code and all associated OtherCode elements must be present. | OtherCodeList | |
| IncidentCategory / CodeComment | O | TIER | A short comment clarifying the discipline code (e.g. for Nonsexual Harassment could detail "Racial comment, pushing, name-calling" or "Cell phone violation. Second offense.") | xs: normalized string | |
| OffenderList | M | TIER | List of offenders. | List | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|---|---|
| DisciplineIncident | | | | | |
| OffenderList / Offender | MR | TIER | Information regarding the offender(s)/perpetrator(s). | | |
| Offender /@Type | M | | Identifies the type of offender involved in the incident. | NCES1043ReporterDescriptionType | Vendor default: 9997 Codes don't match with Iowa codes. |
| OffenderList / Offender / Name | M | TIER | The name of the offender. | Name | |
| OffenderList / Offender / SIF_RefId | C | TIER | If the Offender Type attribute identifies the offender as a Student or Staff Member, then this element should contain the Id (GUID) of the student or staff to whom this information relates. | IdRefType | If the Offender Type attribute identifies the offender as a Student or Staff Member, then this element should contain the Id (GUID) of the student or staff to whom this information relates. |
| OffenderList/Offender / @SIF_RefObject | M | TIER | SIF Object to which the SIF_RefId relates. | Values: StudentPersonal StaffPersonal EmployeePersonal | |
| OffenderList / Offender / Injury | O | | Identifies whether or not this specific offender was physically injured, and if so, identifies whether the injury was major or minor. | NCES1046IncidentInjuryType | Iowa does not use this element. |
| OffenderList / Offender / WeaponTypeList | C | | List of weapons involved in the incident used by the offender. If the incident involves weapons, the element must have a value. Each weapon used by the offender is identified by a WeaponType entry. When multiple weapons of a single type are used by the offender, each weapon has a separate entry in this list. (Note: All weapons used in the incident are reported in WeaponTypeList entries | List | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|-------------------------------------|---|
| DisciplineIncident | | | | | |
| | | | for the incident, including those weapons related to this offender.) | | |
| OffenderList / Offender / WeaponTypeList / WeaponType | OR | | Identifies the type of weapon used by the offender during an incident. | NCES1045WeaponTypeType | Iowa does not use this element. |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / StudentRemovals | M | | This extended element contains a list of StudentRemovals. | xs: token | |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval | MR | | | xs: token | |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / StudentPersonalRefId | M | TIER | | IdRefType | |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / ActionTaken | M | E0012 TIER | The action taken by school personnel because of the problem behavior. | xs: token | See appendix A.4.2.2 for code values |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / ProblemBehavior | M | E0022 TIER | The problem behavior that caused action to be taken. | xs: token | See appendix A.4.2.3 for code values |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / RemovalDuration | C | E0040 TIER | Length of the action taken in number of FTE school days. | xs:decimal xs:fractionDigits - 1 | 0.1 to xxx.9 days Required if ActionTaken is: 1: in-school suspension 2: out of school suspension 3: expulsion 4: expulsion after suspension for the same incident 5: interim setting by school personnel |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|-----------|---|
| DisciplineIncident | | | | | 6: interim setting by impartial hearing officer |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / RemovalDate | C | E0050 TIER | The date the action taken began. | xs: date | Required if ActionTaken is: 1: in-school suspension 2: out of school suspension 3: expulsion 4: expulsion after suspension for the same incident 5: interim setting by school personnel 6: interim setting by impartial hearing officer |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / WeaponCode | M | E0060 TIER | The type of weapon present during or involved in the incident leading to the action taken. | xs: token | Vendor default: N See appendix A.4.2.4 for code values |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / UnsafeSchoolChoiceOffense | M | E0072 | Answers the question: Was the offense leading to the removal an Unsafe School Choice Option offense? | xs: token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / Motivation | M | TIER | Perception of why the student displayed the problem behavior | xs: token | See appendix A.4.2.5 for code values |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / SeclusionRestraint | M | TIER | Was the student restrained or put in seclusion after the problem behavior? | xs:token | Vendor default: 0 None: 0 Restraint: 1 Restraint & Seclusion: 2 Seclusion: 3 |
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / MajorMinor | M | TIER | Is the referral for a major or a minor incident? | xs:token | Major: 1 Minor: 2 |

SIF PROFILE MAPPINGS

| Element/Attribute DisciplineIncident | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|---|-----------|---|
| SIF_ExtendedElement / StudentRemovals / StudentRemoval / ExpulsionZeroTolerance | M | E0025 | Was the expulsion due to a district policy of zero tolerance for this type of behavior? | xs: token | Vendor default: 99 Yes: 1 No: 0 Not applicable: 99 |

DisciplineIncident – XML Example of Extended Element “StudentRemovals”

```

<DisciplineIncident RefId="0A1234FCC1235C7475416D84DE29C09B">
  <SIF_ExtendedElements>
    <SIF_ExtendedElement Name="IA Profile Extensions">
      <StudentRemovals>
        <StudentRemoval>
          <StudentPersonalRefId>3A1234FCC1235C7475416D84DE29C09A</StudentPersonalRefId>
          <ActionTaken>S</ActionTaken>
          <ProblemBehavior>W</ProblemBehavior>
          <RemovalDuration>11.5</RemovalDuration>
          <RemovalDate>03/06/2016</RemovalDate>
          <WeaponCode>K</WeaponCode>
          <UnsafeSchoolChoiceOffense>1</UnsafeSchoolChoiceOffense>
          <Motivation>3</Motivation>
          <SeclusionRestraint>0</SeclusionRestraint>
          <MajorMinor>1</MajorMinor>
          <ExpulsionZeroTolerance>99</ExpulsionZeroTolerance>
        </StudentRemoval>
      </StudentRemovals>
    </SIF_ExtendedElement>
  </SIF_ExtendedElements>
</DisciplineIncident>

```

SIF PROFILE MAPPINGS

4.2.4 LEAInfo

(SIF Implementation Specification 2.4 - 6.14.6)

This object contains information about a school district or other Local Educational Agency (LEA).

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|------------------------|---|---------------------------------------|---------------------------------------|
| LEAInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this LEA. | RefIdType | |
| LocalId | M | TIER | The locally-assigned identifier for this LEA. | LocalId | |
| StateProvinceId | M | H0070 D010A TIER | | StateProvinceId | Submitting Entity |
| LEAName | M | TIER | The LEA Name | LEAName | |
| PhoneNumberList | O | | The LEA's phone number(s) | ActionList (PhoneNumber/ @Type) | |
| PhoneNumberList / PhoneNumber | MR | | | | [@Type="0096"] (main) |
| PhoneNumberList / PhoneNumber / Number | M | TIER | Phone number. Free-form, but typical U.S. formats include: <ul style="list-style-type: none"> • (###) ###-#### • ###-#### | xs:normalizedString | |
| AddressList | O | | The LEA's address(es) | ActionList (Address/@Type) | |
| AddressList / Address | MR | | | | [@Type="0765"] (physical location) |
| / AddressList / Address / Street / Line1 | M | TIER | LEA Street Address | xs:normalizedString | |
| / AddressList / Address / Street / Line2 | O | TIER | LEA Street Address line 2 | xs:normalizedString | |
| AddressList / Address / City | M | TIER | LEA City | xs:normalizedString | |
| AddressList / Address / StateProvince | M | TIER | LEA State | StateProvince | |
| / AddressList / Address / Country | M | | LEA Country | Country | Vendor default: US |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|--------------------------|----------------------|
| LEAInfo | | | | | |
| AddressList / Address / PostalCode | M | TIER | LEA Zip Code | xs:normalizedString | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / SISVersion | M | H0090 TIER | The version of the student information system that the user has installed. | xs:decimal | |

4.2.5 SchoolCourseInfo

(SIF Implementation Specification 2.4 - 6.14.9)

This object is for course information.

SIF_Events are reported for this object.

Usage:

The Agent is to provide a single SubjectArea code using OtherCode, per SchoolCourseInfo object. Iowa DE will use SubjectArea/OtherCode to represent the SRI Accreditation Program Area code. See Appendix A.1.11 for Iowa and SCEDSecondaryCoursesType code sets.

The Agent is to provide Iowa SCEDCode element via a single Extended Element. The SCEDCode for Iowa State Reporting differs in the CourseLevel component, which has seven (7) allowable values (B,C,E,G,H,S,X), whereas the allowable values for the same SCEDCode component in the SIF Specification has four (4) values (B,G,E,H).

The Agent is to provide the value for the SRI element Institution Providing Section (C0050) via Extended Element "SectionProvider" on either (or both) the SchoolCourseInfo or SectionInfo objects. This element has a Profile Char of "C" to indicate that a value must be provided on at least one of the objects. The value in SectionInfo for "SectionProvider" will be used as an override where the value in SectionInfo differs from that in SchoolCourseInfo.

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-----------------------------|--------------|----------------------|--|--|---|
| SchoolCourseInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this school course. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that identifies the school where the course is offered. | IdRefType | |
| @SchoolYear | M | TIER | School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2015 for the 2014-15 school year). | SchoolYear | |
| CourseCode | M | C0020 TIER | School-defined local code for the course. | CourseCode | |
| StateCourseCode | M | C0035 | State-defined standard course code used to report information about courses. | | Vendor default: 0 This element used for Iowa element C0035, named "SCED Course Code" in the SRI Data Dictionary. Note that the codeset for the Iowa "SCED Course Code" are state-specific and differ from the codes in the SIF Common element. |
| SubjectAreaList | M | | Subject matter areas. | SubjectAreaList | |
| SubjectArea | MR | | Subject matter. | SubjectArea | |
| SubjectArea / Code | M | | | SCEDSecondaryCoursesType/SCEDNonSecondaryCoursesType | |
| SubjectArea / OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | C0040 | | xs: token | Vendor default: 0 @Codeset="StateProvince" For IA state reporting, the SubjectAreaList will contain a single non-repeatable SubjectArea/OtherCode. This element is used for IA Accreditation Program |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|--------------------------|---|
| SchoolCourseInfo | | | | | Area. Required for all scheduled courses. See appendix A.4.2.6 for code values |
| CourseTitle | M | C0010 TIER | Title of the course. | xs:normalizedString | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / CourseOrigination | M | C0120 | Indicates the origination of the course. | xs: token | Vendor default: 1 Course (section) origination is reported at the section level. If the vendor includes both a course origination and a section origination, the section origination defaults to the course origination upon creation. See appendix A.4.2.7 for code values |
| SIF_ExtendedElement / CommonCourseNumber | O | C0025 | The Common Course Number for an Iowa community college credit course. | xs: token | Three alpha followed by three numeric characters. |
| SIF_ExtendedElement / SectionProvider | M | C0050 | Institution providing the section of the course, e.g. Iowa school district, Iowa accredited nonpublic school, or an out-of-state school, a postsecondary institution. | xs: normalizedString | If the institution is an Iowa school district, an Iowa Accredited Nonpublic School, or an Out-of-state School, use the eight-digit Destination Location code. If the institution is postsecondary, use the six-digit Integrated Postsecondary |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|-----------|--|
| SchoolCourseInfo | | | | | |
| SIF_ExtendedElement / HomeroomIndicator | O | | Homeroom course flag. | xs: token | Education Data System (IPEDS) code. Optional element to be used to associate a StaffPersonal with Homeroom. |
| SIF_ExtendedElement / CreditRecovery | M | C0150 | The identification of high school course used as a credit recovery course. | xs: token | Vendor default: 0 1: Yes 0: No |

4.2.6 SchoolInfo

(SIF Implementation Specification 2.4 - 6.14.10)

This object contains information about the school.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------------------|--------------|----------------------|---|--------------------------------|-----------------------|
| SchoolInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this school. | RefIdType | |
| LocalId | M | TIER | The locally-assigned identifier for this school | LocalId | |
| @LEAInfoRefId | M | | The Id (GUID) that references the school district of which this school is a member. | IdRefType | |
| StateProvinceId | M | K0030 TIER | The state-assigned identifier for this school. | StateProvinceId | |
| SchoolName | M | TIER | Name of school. | xs: normalized string | |
| PhoneNumberList | O | | The school's phone number(s) | ActionList (PhoneNumber/@Type) | |
| PhoneNumberList / PhoneNumber | MR | | | | [@Type="0096"] (main) |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|----------------------------|-------------------------------------|
| SchoolInfo | | | | | |
| PhoneNumberList / PhoneNumber / Number | M | TIER | Phone number. Free-form, but typical U.S. formats include: <ul style="list-style-type: none"> • (###) ###-#### • ###-#### | xs:normalizedString | |
| AddressList | O | | The school's address(es) | ActionList (Address/@Type) | |
| AddressList / Address | MR | | | | ["@Type="0765"] (physical location) |
| / AddressList / Address / Street / Line1 | M | TIER | School Street Address | xs:normalizedString | |
| / AddressList / Address / Street / Line2 | O | TIER | School Street Address line 2 | xs:normalizedString | |
| AddressList / Address / City | M | TIER | School City | xs:normalizedString | |
| AddressList / Address / StateProvince | M | TIER | School State | StateProvince | |
| / AddressList / Address / Country | M | | School Country | Country | Vendor default: US |
| AddressList / Address / PostalCode | M | TIER | School Zip Code | xs:normalizedString | |
| GradeLevels | M | TIER | Grade levels offered in the school | List | |

4.2.7 SectionInfo

(SIF specification 2.4 - 6.14.11)

This object provides information about the section—the specific time period a session of the course meets.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|------------------------|--------------|----------------------|--|-----------|----------------------|
| SectionInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this section entity. | RefIdType | |
| @SchoolCourseInfoRefId | M | | The Id (GUID) that identifies the course being taught in this section. | RefIdType | |

SIF PROFILE MAPPINGS

| Element/Attribute SectionInfo | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|---------------------------------|---|
| @SchoolYear | M | TIER | School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| LocalId | M | C0022 TIER | The locally-assigned identifier for this course section. | LocalId | |
| ScheduleInfoList | M | | | List | |
| ScheduleInfoList/ScheduleInfo | MR | | The schedule-related information for a section repeating for each term in which the section is scheduled. The TermInfoRefId attribute value should repeat as necessary to show the appropriate relationship between meeting times, teachers and rooms. | | |
| @TermInfoRefId | M | TIER | The Id (GUID) of the term to which this schedule information relates. | IdRefType | |
| ScheduleInfoList / ScheduleInfo / TeacherList | M | | | List | |
| ScheduleInfoList / ScheduleInfo / TeacherList / StaffPersonalRefId | MR | TIER C0055 | The Id (GUID) of the teacher. | IdRefType | StaffPersonalRefId will be used to provide the section teacher folder number (SRI element C0055) |
| MediumOfInstruction | O | | Description of the location in which the section is taught. | | |
| MediumOfInstruction / Code | M | | Code representing the location of instruction. | NCES0209MediumOfInstructionType | |
| MediumOfInstruction / OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | C0045 | | | Vendor default: 1 1: Face to face 7: Face to face on community college site 2: Internet/online 3: ICN |

SIF PROFILE MAPPINGS

| Element/Attribute SectionInfo | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|---|-------------------------------------|--|
| | | | | | 4: IPTV 5: Satellite 6: Other |
| SectionCode | M | TIER | Unique identifier of the section for the school year across all courses | xs:normalizedString | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / SectionProvider | M | C0050 | Institution providing the section of the course, e.g. Iowa school district, Iowa accredited nonpublic school, an AEA, or an out-of-state school, a postsecondary institution. | xs:normalizedString | If the institution is an Iowa school district, an Iowa Accredited Nonpublic School, or an Out-of-state School, use Eight digit Destination Location code. If the institution is postsecondary, use the six-digit IPEDS code. |
| SIF_ExtendedElement / SectionSupplementaryFTE | M | C0130 | The course section FTE for supplementary weighting. Numeric value less than 1.000 expressed to 3 decimal places. | xs:decimal xs:fractionDigits - 3 | Vendor default: 0.000 |
| SIF_ExtendedElement / CourseOrigination | C | C0120 | Indicates the origination of the course/ section | xs: token | Provide if different from CourseOrigination on SchoolCourseInfo. See appendix A.4.2.7 for code values |

SIF PROFILE MAPPINGS

4.2.8 StaffAssignment

(SIF Implementation Specification 2.4 - 6.14.12)

This object defines information related to a staff member's assignment(s); commonly, this will be a school assignment and a Staff Type for Iowa TIER reporting. Staff members can have multiple types (JobFunction/Code) and multiple school assignments.

SIF_Events are reported for this object.

| Element/Attribute StaffAssignment | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|---|----------------------|--|
| @RefId | M | | The Id (GUID) that uniquely identifies this staff member's assignment. | RefIdType | |
| @SchoolInfoRefId | M | A020A TIER | The Id (GUID) that identifies the school where the staff member is assigned. | IdRefType | |
| @SchoolYear | M | TIER | School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., 2016 for the 2015-16 school year). | SchoolYear | |
| @StaffPersonalRefId | M | | Id (GUID) of this staff member, as represented in the StaffPersonal object. | | |
| JobStartDate | O | TIER | The date from which the staff assignment is valid (inclusive). | xs:date | |
| JobEndDate | O | TIER | The date through which the staff assignment is valid (inclusive). | xs:date | |
| JobFunction | M | TIER | The purpose of the activities as related to students | | |
| JobFunction / Code | M | TIER | Code representing the type of job function. | NCES0568FunctionType | Vendor default: 9999 Used for Iowa TIER security groups. See Appendix A.4.2.8 for code values |
| JobFunction / OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | P610A | | | [@Codeset="StateProvince"] See Appendix A.4.2.9 for code values |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|--|--|---|---|
| StaffAssignment | | | | | |
| TeachingAssignment | M | | The teacher field taught by the individual | | |
| TeachingAssignment / Code | M | | Code representing the type of teaching assignment. | NCES0436TeachingAssignmentType additional values: NA | |
| TeachingAssignment / OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | A410A | | | [@Codeset="StateProvince"] See Appendix A.4.2.10 for code values |
| GradeLevels | MR | | | List | |
| GradeLevels / GradeLevel | M | | | GradeLevel | Per staff Assignment, Iowa uses a flag on each grade level. |
| GradeLevel / Code | M | A425L A426L A427L A428L A429L A430L A431L A432L A433L A434L A435L A436L A437L A438L | | | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name= "IA Profile Extensions"] | O | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / ProgramCode | O | P600A | A program or service; examples: Statewide Voluntary Preschool / ECSE program or Title 1 schoolwide program, or At Risk / Dropout Prevention program. | xs:token | |

SIF PROFILE MAPPINGS

4.2.9 StaffPersonal

(SIF Implementation Specification 2.4 - 6.14.13)

This object contains all the personal information relating to a staff member, who might be a teacher or other employee of the school or district.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-----------------------|--------------|----------------------|---|--------------------------|---|
| StaffPersonal | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this staff member. | RefIdType | |
| LocalId | M | C001A TIER | The locally-assigned identifier for this staff member. | LocalId | |
| StateProvinceId | C | D0055 C0055 TIER | The state-assigned identifier for this staff member | StateProvinceId | Iowa State Folder Number Used for both the SRI element D0055, the Homeroom/HSAP teacher folder number, and the SRI element C0055, the section teacher folder number, used in course (CR) records. Required when StaffAssignment / JobFunctionCode = 1000. |
| Name | M | | Name of the staff member. Note: Type value of 04 must be used here. | NameOfRecordType | |
| Name / LastName | M | D050A TIER | The last name. | LastName | [@Type="04"] |
| Name / FirstName | M | D060A TIER | The first name | FirstName | [@Type="04"] |
| Demographics/Gender | O | TIER | Person's gender | Gender | |
| EmployeePersonalRefId | O | | Allows for a linkage to the HR/Fin EmployeePersonal object. | IdRefType | |
| EmailList | M | | A list of email addresses associated with an individual | ActionList (Email/@Type) | |
| EmailList / Email | MR | TIER | An email address | Xs:normalizedString | [@Type="Primary"] |

SIF PROFILE MAPPINGS

4.2.10 StudentAttendanceSummary

(SIF Implementation Specification 2.4 - 6.14.16)

This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year or reporting period.

SIF_Events are reported for this object.

| Element/Attribute StudentAttendanceSummary | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|--|----------------------|
| @StudentPersonalRefId | M | | The Id (GUID) of the student for whom this attendance information is being reported. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) of the school for which this attendance information is being reported. | RefIdType | |
| @SchoolYear | M | | | SchoolYear | |
| StartDate | M | | The starting date on which the information in this object instance is applicable. | xs:date | |
| StartDay | M | | Number of the first school day to which this object instance applies. | | |
| EndDate | M | | The ending date on which the information in this object instance is applicable. | xs:date | |
| EndDay | M | | Number of the last school day to which this object instance applies. | | |
| Resident | M | | An indication as to whether or not the student's legal residence was within the boundaries of the school during the time between the StartDate and EndDate, inclusive. Note: No SIF_Query SIF_Condition support is required for this element. | <u>values:</u> Yes No Unknown | |
| DaysAttended | M | D0510 | The number of days the student attended school when school was in session | xs:decimal | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------------|--------------|----------------------|--|------------|---|
| StudentAttendanceSummary | | | between the StartDate and EndDate, inclusive. Note: No SIF_Query SIF_Condition support is required for this element. | | |
| ExcusedAbsences | M | | The number of days the student was absent from school with a valid excuse when school was in session between the StartDate and EndDate, inclusive. Note: No SIF_Query SIF_Condition support is required for this element. | xs:decimal | |
| UnexcusedAbsences | M | D0515 | The number of days the student was absent from school without a valid excuse when school was in session between the StartDate and EndDate, inclusive. Note: No SIF_Query SIF_Condition support is required for this element. | xs:decimal | This element is not cumulative, e.g. two half days of unexcused absences does not equate to 1 day of unexcused absence. |
| DaysInMembership | M | D0500 | The number of days the student was present plus the number of days the student was absent when school was in session during the period between the StartDate and EndDate, inclusive. Note: No SIF_Query SIF_Condition support is required for this element. | xs:decimal | |
| StudentSchoolEnrollmentRefId | M | | RefId (GUID) of the StudentSchoolEnrollment object instance that corresponds to this object instance. | IdRefType | |

SIF PROFILE MAPPINGS

4.2.11 StudentContact

(SIF Implementation Specification 2.4 - 6.14.17)

This object contains information regarding a contact person for a student. Note: At least one of the child elements of ContactFlags must have a Yes value. Do not publish the StudentContact instance if one of the child elements does not have a Yes value.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-----------------------|--------------|----------------------|--|--|----------------------|
| StudentContact | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this contact. | RefIdType | |
| @StudentPersonalRefId | M | | The Id (GUID) of the student whose contact this is. | RefIdType | |
| LocalId | O | TIER | The locally-assigned identified for this contact. Note: LocalId may be used as a unique person identifier rather than a unique contact identifier. In this case, there may be more than one StudentContact instance with the same LocalId. | LocalId | |
| OtherIdList | O | TIER | Lists all “other” identifiers associated with the contact. | List | |
| OtherIdList / OtherId | MR | TIER | Lists an “other” identifier associated with the contact. | xs: normalizedString | |
| @Type | M | TIER | Code that defines the type of this other Id. | NCES0147IdentificationSystemType <u>Subset:</u> 0328 0164 0339 9999 0222 0154 0399 0004 | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|------------------------------------|--------------|----------------------|---|--|---------------------------------------|
| StudentContact | | | | 0113 5013 | |
| Name | M | TIER | The name of the contact. Note: Type attribute value of 04 must be used here | NameOfRecordType | |
| OtherNames | O | TIER | Previous, alternate or other names or aliases associated with the contact. | OtherNames | |
| Demographics | O | TIER | Demographic information about the contact. | Demographics | |
| AddressList | O | TIER | The contact's address(es). | AddressList | |
| PhoneNumberList | O | TIER | The contact's phone number(s). | PhoneNumberList | |
| EmailList | O | TIER | The contact's email address(es). | EmailList | |
| Relationship | O | TIER | Defines the relationship of the contact to the student. | Relationship | |
| EmployerType | O | TIER | Code that defines the employer type. | NCES0614EmployerType | Not used by Iowa. Please do not send. |
| EducationalLevel | O | TIER | The highest level of education completed by the contact person. | EducationalLevel | Not used by Iowa. Please do not send. |
| ContactFlags | M | TIER | Contains Yes/No characteristics of the contact person's role. Provide a Yes value for all that apply. At least one of the child elements for ContactFlags must have a Yes value. Do not publish the StudentContact instance if one or the child elements does not have a Yes value. | | |
| ContactFlags / ParentLegalGuardian | C | TIER | Does the individual have parental or legal guardianship responsibility for the student? | <u>values:</u> Yes No Unknown | |
| ContactFlags / PickupRights | C | TIER | This element tells whether or not the contact has pickup rights. | <u>values:</u> Yes No Unknown | |
| ContactFlags / LivesWith | C | TIER | Does the student live with this contact? | <u>values:</u> Yes No | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|------------------------------------|--------------|----------------------|--|--|----------------------|
| StudentContact | | | | Unknown | |
| ContactFlags / AccessToRecords | C | TIER | Does this contact have access to the student's records? | <u>values:</u> Yes No Unknown | |
| ContactFlags / EmergencyContact | C | TIER | Should this contact be notified in case of emergency? | <u>values:</u> Yes No Unknown | |
| ContactFlags / HasCustody | C | TIER | Does this contact have or share custody of the student? | <u>values:</u> Yes No Unknown | |
| ContactFlags / DisciplinaryContact | C | TIER | Is this person to be contacted in case of disciplinary action? | <u>values:</u> Yes No Unknown | |
| ContactFlags / PrimaryCareProvider | C | TIER | Does this person provide daily living or personal assistance to the student? | <u>values:</u> Yes No Unknown | |
| ContactSequence | O | TIER | Number indicating the order in which the person should be contacted. | xs: unsignedInt | |

4.2.12 StudentDailyAttendance

(SIF Implementation Specification 2.4 - 6.14.20)

This object provides daily attendance information for a particular student in a particular school on a particular data.

SIF_Events are reported for this object.

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------------------|--------------|----------------------|--|---------------------|----------------------|
| StudentDailyAttendance | | | | | |
| @StudentPersonalRefId | M | | The Id (GUID) of the student for whom this attendance information is being reported. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) of the school for which this attendance information is being reported. | RefIdType | |
| @Date | M | | The calendar date to which this attendance information relates. | xs:date | |
| @SchoolYear | M | | School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| AttendanceCodeRefId | M | | The Id (GUID) of the locally-defined daily attendance code information. | RefIdType | |
| TimeIn | O | TIER | The time the student entered or returned to school. | xs:time | |
| TimeOut | O | TIER | The time the student left school. | xs:time | |
| AttendanceNote | O | TIER | Note related to this particular attendance. | xs:normalizedString | |

4.2.13 StudentPersonal

(SIF Implementation Specification 2.4 - 6.14.21)

This object contains information about a student. There will be one object per student.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|------------------------|--------------|----------------------|--|-----------------|-----------------------------|
| StudentPersonal | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this student. | RefIdType | |
| LocalId | M | D0010 TIER | The locally-assigned identifier for this student. | LocalId | |
| StateProvinceId | C | K0020 TIER | The state-assigned identifier for this student. | StateProvinceId | Mandatory for SRI and TIER. |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------------|--------------|---|---|---|--|
| StudentPersonal | | | | | |
| OtherIdList | O | | Lists all "other" identifiers associated with the student. | List | |
| OtherIdList / OtherId | MR | D0160 | Lists an "other" identifier associated with the student. | xs:normalizedString | [@Type="0004"] Social Security Number is used in Uniq-ID |
| Name | M | | Name of the student. Note: Type value of 04 must be used here. | NameOfRecordType | |
| Name / LastName | M | D0080 TIER | The last name of the student. | LastName | [@Type="04"] |
| Name / MiddleName | O | D0070 TIER | The middle name of the student. | MiddleName | [@Type="04"] |
| Name / FirstName | M | D0060 TIER | The first name of the student. | FirstName | [@Type="04"] |
| Name / Suffix | O | D0090 | Generation of suffix like II, Jr., etc. | xs: normalizedString | [@Type="04"] |
| Demographics | M | | Demographics information about the student, contact, staff member, etc. This element occurs within objects such as StudentPersonal, StudentContact, etc. | Demographics | |
| Demographics / RaceList | M | | | List | |
| Race | MR | | | | |
| Race / Code | M | D0043 D0044 D0045 D0046 D0047 | The general racial category which reflects the individual's recognition of his or her community or with which the individual most identifies. In a given SIF implementation Agents must have alignment on the use of the NCES and deprecated SPEEDE code sets. Agents are not required to translate between the code sets. | <u>Union of:</u> NCES0849RaceType Additional values: A Asian (deprecated) H Hispanic (deprecated) | 1: Yes 0: No |
| Race / OtherCodeList | M | | | OtherCodeList | |
| OtherCode | M | D0035 TIER | | | [@Codeset="StateProvince"] Required for Uniq-ID ("Race/Ethnicity_StateID"). |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------------------|--------------|----------------------|--|-------------------------------------|---|
| StudentPersonal | | | | | See appendix A.4.2.11 for code values |
| Demographics / HispanicLatino | M | D0042 | An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central or South America, or other Spanish cultures, regardless of race. | HispanicLatino values: Yes No | |
| Demographics / Gender | M | D0050 TIER | The person's gender. | Gender | |
| Demographics / BirthDate | M | D0020 TIER | The person's date of birth. | BirthDate | |
| Demographics / CountryOfBirth | M | D0415 | The person's country of birth | Country | Vendor default: US |
| Demographics / LanguageList | M | | List of languages an individual uses to communicate. | LanguageList | |
| Language | MR | | | | |
| Language / Code | M | | The code representing the specific language that an individual uses to communicate. | NISOZ3953LanguageCodesType | IA uses the ISO 639.2 language codes, SIF uses the NISO Z39.53 codes |
| Language / OtherCodeList | O | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | D0410 TIER | | xs:token | Vendor default: eng [@Codeset="StateProvince"] See Student Reporting in Iowa Data Dictionary for Home Language On the Iowa Student Reporting in Iowa website, see Addendum C: Language Codes for 2015-16. https://www.educateiowa.gov/data-reporting/student-reporting-iowa-formerly-easier |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|--------------------------------|---|
| StudentPersonal | | | | | |
| ProjectedGraduationYear | O | TIER | Currently projected graduation year | ProjectedGraduationYear (CCYY) | |
| Immigrant | M | D0330 TIER | Does the student meet the State criteria for classification as being an immigrant? | | Vendor default: 0 1: Yes 0: No |
| FirstUSEnrollment | O | D0490 | The date on which the student was first enrolled in the US school system. | xs:date | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / ExcludeFromStateReporting | M | TIER | 'Yes' if SIS indicates to exclude record from state reporting. | Values: Yes, No | |
| SIF_ExtendedElement / HomeLanguageSurveyDate | M | D0405 | Date the home language survey was completed by the student. | xs: date | |
| SIF_ExtendedElement / HomeLanguageIdentifier | M | D0406 | Was a language other than English identified on the home language survey? | xs: token | Vendor default: 99 Yes: 1 No: 0 Not applicable: 99 |

4.2.14 StudentSchoolEnrollment

(SIF Implementation Specification 2.4 - 6.14.23)

This object defines information related to a student's enrollment. StudentSchoolEnrollment instances must not span multiple school years.

SIF_Events are reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--------------------------------|--------------|----------------------|--|-----------|----------------------|
| StudentSchoolEnrollment | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this enrollment. | RefIdType | |
| @StudentPersonalRefId | M | | The Id (GUID) of the student to whom this information is linked. | IdRefType | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--------------------------------|--------------|----------------------|--|--|----------------------|
| StudentSchoolEnrollment | | | | | |
| @SchoolInfoRefId | M | | The Id (GUID) of the school to which this enrollment applies. | IdRefType | |
| @MembershipType | M | TIER | The type of this enrollment as it relates to the school identified in SchoolInfoRefId. | <u>values:</u> Home = school responsible for reporting the student's membership/child accounting information Concurrent = school not the primary reporting unit for the student's membership/child accounting information Summer = summer school enrollment, not part of the regular school year | |
| @TimeFrame | M | TIER | The timeframe of the enrollment based on the SIF_Date in the SIF_Header of the message. For events, it is determined as of the date the event is generated. For requests and responses, it is calculated based on the date of the request. | <u>Values:</u> Current = Event/request date falls between EntryDate and ExitDate (inclusive) Historical = Event/request date falls after ExitDate Future = Event/request date falls before EntryDate | |
| @SchoolYear | M | TIER | School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. | SchoolYear | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--------------------------------|--------------|----------------------|--|--------------------------------|---|
| StudentSchoolEnrollment | | | 2007 for the 2006-07 school year). StudentSchoolEnrollment instances must not span multiple school years. | | |
| EntryDate | M | D0185 TIER | The date from when this enrollment is valid. | xs:date | Also used to calculate Enrollment Record Sequence (E0130) for SRI (Iowa DE calculation) |
| EntryType | M | | | | |
| EntryType / Code | M | | Code indicating the type of entry for this enrollment | NCES0619EntryTypeType | Vendor default: 9999 |
| EntryType / OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | D0180 TIER | | xs:token | [@Codeset="StateProvince"] See Appendix A.4.2.12 for code values |
| GradeLevel | O | | Grade or academic level of student for this enrollment. | GradeLevel | |
| GradeLevel / Code | M | D0030 TIER | Code representing the grade level. | | |
| Advisor | O | | Staff member assigned as an advisor for this enrollment. | IdRefType | |
| @SIF_RefObject | M | D0055 | The name of the object referenced. | Values: StaffPersonal | |
| ExitDate | C | D0220 TIER | The last school calendar day of this enrollment. If the student has exited the school or the enrollment has a RecordClosureReason, ExitDate must have a value. | xs:date | Also used to calculate Enrollment Record Sequence (E0130) for SRI (Iowa DE calculation) |
| ExitType | C | | | | Required if ExitDate is populated. |
| ExitType / Code | M | | Code indicating the type of exit for this enrollment. | NCES0644ExitWithdrawalTypeType | Vendor default: 9999 |
| OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList / OtherCode | M | D0190 TIER | | xs:token | [@Codeset="StateProvince"] |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|---|---|
| StudentSchoolEnrollment | | | | | See Appendix A.4.2.13 for code values |
| FTE | M | D0495 TIER | Full-time equivalent numeric value of the student's course load during this enrollment, expressed in decimal form, where 1.00 represents a full-time enrollment. | xs:decimal xs:minInclusive - 0 xs:maxInclusive - 1 xs:fractionDigits - 2 | Vendor default: 1.00 |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / AttendingDistrict | M | D0203 TIER | State assigned ID of the district where the student is counted for attendance purposes | xs:token | |
| SIF_ExtendedElement / CPIDualEnrollment | M | D0244 | Type of activities the parent of a home school student is requesting. | xs:token | Vendor default: 99 1: Academic activities 2: Extra-curricular activities 3: Both academic and extra-curricular activities 4: Testing only 5: Special education support services only 99: Not applicable |
| SIF_ExtendedElement / ResDistrict | M | D0200 TIER | State assigned code of the district where the parents, custodial parent, or guardian resides | xs:token | |
| SIF_ExtendedElement / ResCounty | M | D0215 | State assigned county in which the student resides; 2-digit county code | xs:token | |
| SIF_ExtendedElement / AccountableDistrict | O | D0207 | State assigned code of the public district where the student has his/her primary enrollment | xs:token | |
| SIF_ExtendedElement / FosterCare | M | D0230 TIER | Is the student in foster care? | xs:token | Vendor default: 0 1: Yes, and would not live in the current resident district if not in foster care |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|------------|---|
| StudentSchoolEnrollment | | | | | 2: Yes, and would live in the current resident district if not in foster care 0: No |
| SIF_ExtendedElement /SvcProviderOrFacility | O | D0217 TIER | The Department of Education code for the facility in which the student resides or the location where the student receives the majority of his / her educational services; 2, 6 or 8 digit code for the Service Provider or Residential Facility. | xs:token | Alpha 2-digit code for a state other than Iowa, 6-digit IPEDS code for community college, assigned 8-digit code for other facilities. |
| SIF_ExtendedElement /SvcOrFacilityType | M | D0218 TIER | Identifies the type of service students are receiving from selected providers. | xs:token | Vendor default: 99 |
| SIF_ExtendedElement / ReceivingEduServices | M | D0228 TIER | Is the exited expelled or ill student receiving educational services from the district? | xs:token | Vendor default: 99 Yes: 1 No: 0 Not applicable: 99 |
| SIF_ExtendedElement / DestinationCode | M | D0224 | The type of destination location. | xs:token | Vendor default: 99 See appendix A.4.2.14 for code values |
| SIF_ExtendedElement / DestinationLocation | O | D0225 | State assigned code for the specific destination; 2-char or 8-digit code. | xs:token | Use 2-char alpha code for non-Iowa states |
| SIF_ExtendedElement / EnrollmentRecordSequenceNum | M | E0130 | Sequential numeric order of the enrollment record within the student's enrollment history | xs:decimal | |
| SIF_ExtendedElement / NonpublicSchoolNumber | O | K0040 | State assigned code of the nonpublic school where the student has his / her primary enrollment; eight numeric characters | xs:token | |
| SIF_ExtendedElement / GradStatus | M | D0530 TIER | Has the student graduated at the time the record is being sent? | xs:token | Vendor default: 0 Yes: 1 No: 0 |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|----------|---|
| StudentSchoolEnrollment | | | | | |
| SIF_ExtendedElement / PreschoolAttendance | M | D0780 | Did the Kindergarten student attend preschool within the 12 months prior to kindergarten entry? | xs:token | Vendor default: 99 2: Yes, attended a district sponsored preschool 3: Yes, attended a non-district sponsored preschool 0: No 99: Not applicable |
| SIF_ExtendedElement / Title1Reading | M | D0250 TIER | Did the student participate in a Title I Targeted Assistance Reading program at anytime during the year? | xs:token | Vendor default: 0 Yes: 1 No: 0 |
| SIF_ExtendedElement / Title1Math | M | D0252 | Did the student participate in a Title I Targeted Assistance Mathematics program at anytime during the year? | xs:token | Vendor default: 0 Yes: 1 No: 0 |
| SIF_ExtendedElement / Title1SchoolChoice | M | D0770 | The decision when a student applied for Title I School Choice during the current school year. | xs:token | Vendor default: 99 1: Applied and changed schools 2: Applied and declined to change schools 3: Applied and was denied 99: Not applicable |
| SIF_ExtendedElement / SchoolOfferingTitle1SchoolChoice | C | D0765 | The school number of the school required to offer Title I School Choice; four numeric characters. | xs:token | If SIF_ExtendedElement / Title1SchoolChoice = 1 then provide the value |
| SIF_ExtendedElement / Title1SupplSvcs | M | D0305 | The decision when a student applied for supplemental services | xs:token | Vendor default: 99 1: Applied and received services 2: Applied and declined services 3: Applied and was denied services 99: Not applicable |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|----------|--|
| StudentSchoolEnrollment | | | | | |
| SIF_ExtendedElement / FreeLunch | M | D0270 TIER | Is the student approved for free lunch at the time of submission? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / ReducedLunch | M | D0280 TIER | Is the student approved for reduced lunch at the time of submission? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / CEIS | M | D0760 TIER | Did the student receive Coordinated Early Intervening Services (CEIS) funded by IDEA Part B during the current year? | xs:token | Vendor default: 0 1: Yes, and funded by the LEA 2: Yes, and funded by the AEA 3: Yes, and funded by both the LEA and AEA 0: No |
| SIF_ExtendedElement / StudentOptionTransfer | M | D0315 | What is the status of the transfer under the Unsafe School Individual Student Option? | xs:token | Vendor default: 99 1: Transfer offered 2: Transfer offered and accepted 3: Transfer offered, accepted, and completed 4: Not feasible to offer 99: Not applicable |
| SIF_ExtendedElement / AtRisk | M | D0345 TIER | Was the student considered to be at risk at any time during the year? | xs:token | Vendor default: 0 1: Yes, and is identified as a potential/returning dropout and in a program funded by allowable growth 2: Yes, and is identified as at risk but not in a program funded by allowable growth 0: No |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|----------|--|
| StudentSchoolEnrollment SIF_ExtendedElement / HomelessType | M | D0340 | If a student was homeless at some time during the year, what was the type of primary nighttime residence during the period of time the student was homeless? | xs:token | Vendor default: 99 1: Sheltered/transitionally housed 2: Doubled-up 3: Unsheltered 6: Hotel/motel 99: Not applicable |
| SIF_ExtendedElement / UnaccompaniedYouth | M | D0341 | Is the homeless student considered to be an unaccompanied youth? | xs:token | Vendor default: 99 1: Yes 0: No 99: Not applicable |
| SIF_ExtendedElement / HomelessMcKinneyVentoServed | M | D0800 | Was the homeless student served through McKinney-Vento funds at any time during the school year? | xs:token | Vendor default: 99 1: Yes 0: No 99: Not applicable |
| SIF_ExtendedElement / ELLStatus | M | D0420 TIER | Current ELL status of the student | xs:token | Vendor default: 99 1: Student is in an English language instructional program 2: Identified as ELL but parent refused LIEP services 4: Exited 5: Tested and not identified as ELL 6: PK potential English language learners 99: Not applicable |
| SIF_ExtendedElement / ELLPlacementProficiency | M | D0450 | The English proficiency level determined by the LIEP placement instrument | xs:token | Vendor default: 99 1: Not Proficient 3: Proficient 99: Not Applicable |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|----------|---|
| StudentSchoolEnrollment | | | | | |
| SIF_ExtendedElement / LIEPPlacementDate | O | D0460 | Date a student was originally placed in the district's LIEP program or began receiving LIEP services. | xs:date | |
| SIF_ExtendedElement / LIEPExitDate | O | D0465 | Date student was classified as ELL Status 4 (Exited) | xs:date | |
| SIF_ExtendedElement / LIEPInstructionalProgram | M | D0470 | The instructional program of a current ELL student. | xs:token | Vendor default: 99 1: Dual language program 10: Other bilingual program 14: Newcomer program 15: Sheltered instruction 16: English and a second language 99: Not applicable |
| SIF_ExtendedElement / ELLMonitorYear1Teacher | M | D0482 | Folder number of the year 1 monitor teacher of the ELL student. | xs:token | |
| SIF_ExtendedElement / ELLMonitorYear1EndDate | M | D0483 | What is the date that Year 1 monitoring will end for the ELL student? | xs:date | |
| SIF_ExtendedElement / ELLMonitorYear1Decision | M | D0484 | What is the decision for the ELL student after Year 1 monitoring? | xs:token | Vendor default: 99 1: Continue to monitor year 2: Return to LIEP instructional program 99: Not applicable |
| SIF_ExtendedElement / ELLMonitorYear2Teacher | M | D0486 | Folder number of the year 2 monitor teacher of the ELL student. | xs:token | |
| SIF_ExtendedElement / ELLMonitorYear2EndDate | M | D0487 | What is the date that Year 2 monitoring will end for the ELL student? | xs:date | |
| SIF_ExtendedElement / ELLMonitorYear2Decision | M | D0488 | What is the decision for the ELL student after Year 2 monitoring? | xs:token | Vendor default: 99 2: Return to LIEP instructional program 3: No longer requires monitoring 99: Not applicable |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|----------|---|
| StudentSchoolEnrollment | | | | | |
| SIF_ExtendedElement / DateReenteredLIEPProgram | M | D0489 | If the student reentered the LIEP program based on monitoring decisions, what was the most recent date of the reentry? | xs:date | |
| SIF_ExtendedElement / PKHeadStartFunded | M | D0821 | Is the PK student funded by Head Start? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKSharedVisionsFunded | M | D0822 | Is the PK student funded by Shared Visions? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKECIFunded | M | D0823 | Is the PK student funded by ECI? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKParentFunded | M | D0824 | Is the PK student funded by his / her parent? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKTitle1Funded | M | D0825 | Is the PK student funded by Title 1? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKSWVPPFunded | M | D0826 | Is the PK student funded by the State Wide Voluntary Preschool Program (SWVPP)? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PKFundedByOther | M | D0827 | Is the PK student funded by the other sources such as private business? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / PreschoolProgram1Type | M | D0834 TIER | Type of program for the student served in a preschool classroom. | xs:token | Vendor default: 99 1: Kindergarten 3: SWVPP |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|------------|--|
| StudentSchoolEnrollment | | | | | 4: Preschool – Not SWVPP 5: Early childhood special education only classroom 99: Not applicable |
| SIF_ExtendedElement / PreschoolProgram1Hours | M | D0836 | Number of hours per week the student is attending Preschool Program 1. | xs:decimal | Vendor default: 0.0 |
| SIF_ExtendedElement / PreschoolProgram1Session | O | D0838 | The assigned code for this preschool session. | xs:token | |
| SIF_ExtendedElement / PreschoolProgram2Type | M | D0835 TIER | Type of program for the student served in a second preschool classroom, if applicable. | xs:token | Vendor default: 99 1: Kindergarten 3: SWVPP 4: Preschool – Not SWVPP 5: Early childhood special education only classroom 99: Not applicable |
| SIF_ExtendedElement / PreschoolProgram2Hours | M | D0837 | Number of hours per week the student is attending Preschool Program 2. | xs:decimal | Vendor default: 0.0 |
| SIF_ExtendedElement / PreschoolProgram2Session | O | D0839 | The assigned code for this preschool session. | xs:token | |
| SIF_ExtendedElement / Program1 | M | D0352 | Specific programs determined by the Department of Education or locally. | xs:token | Vendor default: 0 |
| SIF_ExtendedElement / Program2 | M | D0354 | | xs:token | Vendor default: 0 |
| SIF_ExtendedElement / Program3 | M | D0356 | | xs:token | Vendor default: 0 |
| SIF_ExtendedElement / Section504 | M | D0300 TIER | Does the student have a 504 plan? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / GiftedTalented | M | D0310 TIER | Has the student been identified as gifted/talented at any time during the current school year? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / IEPLevel | M | D0296 TIER | Code indicating the current IEP level for special education weighting | xs:token | Vendor default: 99 1: Level I |

SIF PROFILE MAPPINGS

| Element/Attribute StudentSchoolEnrollment | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|---|--|
| | | | | | 2: Level II 3: Level III 0: Support services only 99: Not applicable |
| SIF_ExtendedElement / IEPPlacementDate | O | D0292 TIER | The most recent IEP placement date. | xs:date | Required for students with an IEP. |
| SIF_ExtendedElement / IEPStaffedOutDate | O | D0294 TIER | The most recent IEP staff out date. | xs:date | Required for students with an IEP who were staffed out at any time during the current school year. |
| SIF_ExtendedElement / CEDSEntryType | M | D0175 | Code indicating the type of entry for this enrollment. | CEDS EntryType code – same values as SIF / NCES0619 EntryType but with leading zeros. | Left-pad leading zero to 5 chars if SIS stores 4 char NCES / SIF codes. |
| SIF_ExtendedElement / JuniorSeniorRule | M | D0187 | Is the student enrolled under the Junior Senior Rule? | xs:token | Vendor default: 0 1: Yes 0: No |
| SIF_ExtendedElement / ExcludeFromStateReporting | M | TIER | 'Yes' if SIS indicates to exclude record from state reporting. | Values: Yes, No | |

4.2.15 StudentSectionEnrollment

(SIF Implementation Specification 2.4 - 6.14.24)

This object contains information about a student's enrollment in a section of a course.

SIF_Events are reported for this object.

| Element/Attribute StudentSectionEnrollment | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|-----------|----------------------|
| @RefId | M | | The Id (GUID) that uniquely identifies this StudentSectionEnrollment. | RefIdType | |

SIF PROFILE MAPPINGS

| Element/Attribute StudentSectionEnrollment | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|------------|----------------------|
| @StudentPersonalRefId | M | | The Id (GUID) of the student to whom this information applies. | IdRefType | |
| @SectionInfoRefId | M | | The Id (GUID) of the section in which this student is enrolled. | IdRefType | |
| @SchoolYear | M | TIER | School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2016 for the 2015-16 school year). | SchoolYear | |
| EntryDate | M | TIER | Date from when this enrollment is valid | xs:date | |
| ExitDate | M | TIER | The last school calendar day (membership day) the student was enrolled in the course section (inclusive). | xs:date | |

4.2.16 StudentSnapshot

(SIF Implementation Specification 2.4 - 6.14.25)

This object provides a snapshot of a student's record on a given day. All information reported in the object is reported as it appeared in the responding system on the date specified in SnapDate. It can be used for synching data across applications, for periodically loading a data warehouse, or for vertical reporting of data to a requesting authority, such as a state department of education.

SIF_Events are not reported for this object.

| Element/Attribute StudentSnapshot | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|---------|----------------------|
| @SnapDate | M | | The date the data snapshot was taken. Some elements are provided/calculated as of the SnapDate, and some are provided as of the date the object is requested (i.e., some can be historical and some will represent the last information available/last known value). In a SIS the following elements are provided/calculated as of the SnapDate: | xs:date | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|---|--------------------------------------|--|
| StudentSnapshot | | | Age, HomeEnrollment and all its child elements. Other applications (e.g., data warehouses) may be able to provide values for other elements on various snap dates. | | |
| @StudentPersonalRefId | M | | The Id (GUID) of the student to whom this information applies. | IdRefType | |
| @SchoolYear | M | | School year in which the SnapDate falls, and for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006-07 school year). | SchoolYear | |
| LocalId | M | | The locally-defined identifier for this student. | LocalId | |
| HomeEnrollment | M | | Enrollment-related information for the school that is responsible for reporting the student's membership/child accounting information. This is most likely the primary enrollment site for the student. | | |
| HomeEnrollment/Status | M | | Enrollment status as of the SnapDate. | Values: Active, Inactive, Unreported | |
| HomeEnrollment/GradeLevel | M | | Grade or academic level of student. | GradeLevel | |
| SIF_Extended Elements / SIF_ExtendedElement / [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / DistrictEntryDate | M | D0210 | The most recent date that begins continuous enrollment in the district | xs:date | |
| SIF_ExtendedElement / DiplomaType | M | D0550 | Type of diploma received. | xs:token | Vendor default: 99 1: Regular diploma 3: Other completer 99: Not applicable |
| SIF_ExtendedElement / PostGradLocation | M | D0560 | The graduate's intended post-graduation location. | xs:token | Vendor default: 99 1: In-state |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------------------|--------------|----------------------|--|----------|---|
| StudentSnapshot | | | | | |
| | | | | | 2: Out of state 99: Not applicable |
| SIF_ExtendedElement / PostGradPlan | M | D0570 | The graduate’s intended post-graduation plan. | xs:token | Vendor default: 99 See appendix A.4.2.15 for code values |
| SIF_ExtendedElement / KLitAssessment | M | D0735 TIER | The test used to assess the literacy level of a kindergarten student | xs:token | Vendor default: 99 See appendix A.4.2.16 for code values |
| SIF_ExtendedElement / RNSReadingScore | M | D0752 | What was the reason no state reading assessment score will be reported for this student? | xs:token | Vendor default: 99 |
| SIF_ExtendedElement / RNSMathScore | M | D0754 | What was the reason no state math assessment score will be reported for this student? | xs:token | Vendor default: 99 |
| SIF_ExtendedElement / RNSScienceScore | M | D0756 | What was the reason no state science assessment score will be reported for this student? | xs:token | Vendor default: 99 |

4.2.17 TermInfo

(SIF Implementation Specification 2.4 - 6.14.26)

This object provides information about a term; i.e., a reportable period of time.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------|--------------|----------------------|--|------------|----------------------|
| TermInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this TermInfo entity. | RefIdType | |
| @SchoolInfoRefId | M | | The Id (GUID) that identifies the school where the term is used. | IdRefType | |
| @SchoolYear | M | | School year for which the information is applicable, expressed as the four-digit | SchoolYear | |

SIF PROFILE MAPPINGS

| Element/Attribute TermInfo | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--------------------------------------|--------------|----------------------|--|---------------------|---|
| | | | year in which the school year ends (e.g., 2007 for the 2006-07 school year). | | |
| StartDate | M | | Starting date of the term. | xs:date | Used to calculate Section Start Indicator (C0140) for SRI (Iowa DE calculation) |
| EndDate | M | | Ending date of the term (CCYYMMDD). | xs:date | |
| TermCode | M | TIER | Locally-defined codes | xs:normalizedString | |
| TermSpan | M | TIER | | TermSpan | |

4.3 – Student Record Exchange Objects

Please note that some of the elements used by Iowa Student Records and/or Electronic Transcripts in each of the following SRE objects correspond to a Student Reporting in Iowa data element. In a column with the heading “IA DE Element Number or Name”, if there is a corresponding IA DE Element Number in the SRI system, the number has been noted.

The data in the StudentRecordExchange objects is to be consumed by the Iowa Transcript Center.

4.3.1 StudentDemographicRecord

(SIF Implementation Specification 2.4 - 6.15.2)

This object conveys a student's demographic data for student record exchange and transcript purposes.

SIF_Events are not reported for this object.

Usage:

For Iowa Student Records and Electronic Transcripts some of the elements have an IA DE Element Number, which links them to the SRI collection.

Please follow the guidelines below for providing the values in the StudentDemographicRecord elements.

SIF PROFILE MAPPINGS

- For the following standard SIF elements - Immigrant, GiftedTalented, and Section504 – provide ‘Yes’ where the SIS value= ‘1’, provide ‘No’ where the SIS value= ‘0’, or ‘No’ where the SIS value is null.
- For the following standard SIF elements – Migrant, Homeless, IDEA, and ELL – please see the Appendix for the crosswalk from SRI codes to SIF values ‘Yes’ and ‘No’.

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|---------------------------------------|--------------|------------------------------|--|---|--|
| StudentDemographicRecord | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies an instance of this object. | RefIdType | |
| @SIF_RefId | M | | The GUID of an associated object, either StudentRecordExchange or StudentPersonal. | RefIdType | |
| @SIF_RefObject | M | | The associated object type. | values: StudentRecordExchange StudentPersonal | |
| ReportingDate | M | Date Extract Created | The date this record was prepared. | xs:date | |
| StudentPersonalData | M | | Collects elements of interest from StudentPersonal. | | |
| StudentPersonalData / LocalId | O | D0010 | | LocalId | |
| StudentPersonalData / StateProvinceId | M | K0020 | | StateProvinceId | The Uniq-ID system assigns a unique ID to a child as he or she enters the Iowa educational system. ID remains the same from year to year and follows the student within the state. |
| StudentPersonalData / SSN | O | D0160 | | SSN | |
| StudentPersonalData / Name | M | | Name of the student. Note: Type value of 04 must be used here. | NameOfRecordType | [@Type="04"] |
| StudentPersonalData / Name/ LastName | M | D0080 | | LastName | [@Type="04"] |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|---|--------------|---|---|--|--|
| StudentDemographicRecord | | | | | |
| StudentPersonalData / Name/ FirstName | M | D0060 | | FirstName | [@Type="04"] |
| StudentPersonalData / Name / MiddleName | O | D0070 | | MiddleName | [@Type="04"] |
| StudentPersonalData / Name/ Suffix | O | D0090 | | xs:normalizedString | [@Type="04"] |
| StudentPersonalData / OtherNames | O | | Previous, alternate or other names or aliases associated with the student. | OtherNames | |
| StudentPersonalData / OtherNames / Name | MR | | Name of the person. Note: Type value of 04 may not occur here | OtherNameType | [@Type="05"](previous name) |
| StudentPersonalData / OtherNames / Name / LastName | M | Previous Student last name | | LastName | |
| StudentPersonalData / OtherNames / Name / FirstName | M | Previous Student first name | | FirstName | |
| StudentPersonalData / OtherNames / Name / MiddleName | O | Previous Student middle name | | MiddleName | |
| StudentPersonalData / OtherNames / Name / Suffix | O | Previous Student Suffix | | xs:normalizedString | |
| StudentPersonalData / DemographicsData | M | | Collects elements of interest from Demographics. | | |
| StudentPersonalData / DemographicsData / RaceList | M | | | RaceList | |
| StudentPersonalData / DemographicsData/ RaceList / Race | MR | | | | |
| StudentPersonalData / DemographicsData / RaceList / Race / Code | C | D0043 D0044 D0045 D0046 D0047 | The general racial category which reflects the individual's recognition of his or her | NCES0849RaceType additional values: | Agent to provide all the race category codes that apply (with a positive indication) to a student. |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|--|--------------|------------------------------|---|---|---|
| StudentDemographicRecord | | | community or with which the individual most identifies. In a given SIF implementation Agents must have alignment on the use of the NCES and deprecated SPEEDE code sets. Agents are not required to translate between the code sets. | A Asian (deprecated) H Hispanic (deprecated) | |
| StudentPersonalData / DemographicsData / Gender | M | D0050 | | Gender | Male: M Female: F |
| StudentPersonalData / DemographicsData / BirthDate | M | D0020 | | BirthDate | |
| StudentPersonalData / DemographicsData / LanguageList | M | | List of languages an individual uses to communicate. | | |
| StudentPersonalData / DemographicsData / LanguageList / Language | MR | | | | The primary/native language of a student. IA uses a single language code (LanguageList will contain a list of one code). |
| StudentPersonalData / DemographicsData / LanguageList / Language / Code | M | | | NISOZ3953LanguageCodesType | |
| StudentPersonalData / DemographicsData / LanguageList / Language / OtherCodeList | M | | | OtherCodeList | |
| StudentPersonalData / DemographicsData / LanguageList / Language / OtherCodeList / OtherCode | M | D0410 | | xs:token | [@Codeset="StateProvince"] IA DE uses ISO 639-2 codeset, whereas SIF references the NISO Z39.53 codeset, therefore, Agent to provide OtherCode. Default value: 'eng' |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|--|--------------|------------------------------|---|-------------------------------------|--|
| StudentDemographicRecord | | | | | |
| StudentPersonalData / DemographicsData / HispanicLatino | M | D0042 | | | 1: Yes 0: No |
| StudentPersonalData / AddressList | M | | The address of the student. | ActionList (Address/@Type) | |
| StudentPersonalData / AddressList / Address | MR | | | | [@Type="0765"] (physical location) |
| StudentPersonalData / AddressList / Address / Street / Line1 | M | Student Street Address | | xs:normalizedString | |
| StudentPersonalData / AddressList / Address / City | M | Student City | | xs:normalizedString | |
| StudentPersonalData / AddressList / Address / StateProvince | M | Student State | | StateProvince | |
| StudentPersonalData / AddressList / Address / Country | M | Student Country | The country code. | Country | Default to "US" (United States) |
| StudentPersonalData / AddressList / Address / PostalCode | M | Student Zip Code | | xs:normalizedString | |
| StudentPersonalData / PhoneNumberList | M | | | | |
| StudentPersonalData / PhoneNumberList / PhoneNumber | M | | | | [@Type="0096"] |
| StudentPersonalData / PhoneNumberList / PhoneNumber / Number | M | Student Phone Number | Phone number. Free-form, but typical U.S. formats include: <ul style="list-style-type: none"> • (###) ###-#### • ###-#### | xs:normalizedString | |
| StudentPersonalData / IDEA | O | D0760 | | IDEA values: Yes, No, Unknown | See Appendix for mapping SRI codes to 'Yes', 'No' |
| StudentPersonalData / GiftedTalented | M | D0310 | | GiftedTalented values: | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|---|--------------|----------------------------------|---|-------------------------------------|--|
| StudentDemographicRecord | | | | Yes, No, Unknown | value='0', and 'No' where SRI value is null (vendor default) |
| StudentPersonalData / ELL | M | D0420 | | ELL values: Yes, No, Unknown | See Appendix for mapping SRI codes to Yes, No |
| StudentPersonalData / Homeless | O | D0340 | | Homeless values: Yes, No, Unknown | See Appendix for mapping SRI codes to Yes, No |
| StudentPersonalData / Section504 | M | D0300 | | Section504 values: Yes, No, Unknown | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null (vendor default) |
| StudentPersonalData / Immigrant | O | D0330 | | Immigrant values: Yes, No, Unknown | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null |
| StudentContactsSummary | O | | Reports up to two parents/guardians of the student. | | |
| StudentContactsSummary / ParentGuardian1 | M | | First parent/guardian. | | |
| StudentContactsSummary / ParentGuardian1 / Name | M | | | | [@Type="04"] |
| StudentContactsSummary / ParentGuardian1 / Name / LastName | M | Parent/Guardian Legal Last Name | | | |
| StudentContactsSummary / ParentGuardian1 / Name / FirstName | M | Parent/Guardian Legal First Name | | | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|--|--------------|-----------------------------------|---|---------------------|--|
| StudentDemographicRecord | | | | | |
| StudentContactsSummary / ParentGuardian1 / Name/ MiddleName | O | Parent/Guardian Legal Middle Name | | | |
| StudentContactsSummary / ParentGuardian2 | O | | Second parent/guardian. | | Agent to provide ParentGuardian2 if available. |
| StudentContactsSummary / ParentGuardian2 / Name | M | | | | [@Type="04"] |
| StudentContactsSummary / ParentGuardian2 / Name / LastName | M | | | | |
| StudentContactsSummary / ParentGuardian2 / Name / FirstName | M | | | | |
| StudentContactsSummary / ParentGuardian2 / Name / MiddleName | O | | | | |
| SIF_ExtendedElements / SIF_ExtendedElements / [@Name= "IA Profile Extensions"] | M | | | List | This is the beginning of "IA Profile Extensions"; a complex Extended Element on the root of the StudentDemographicRecord object. |
| SIF_ExtendedElement / ResidentDistrictCode | O | D0200 | State assigned code of the district where the parents, custodial parent, or guardian resides; four digit code | xs:token | |
| SIF_ExtendedElement / ResidentDistrictName | O | Resident District Name | State assigned name of the district where the parents, custodial parent, or guardian resides. | xs:normalizedString | |
| SIF_ExtendedElement / FreeLunch | M | D0270 | Is the student approved for free lunch at the time of submission? | xs:token | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null (vendor default) |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number or Name | Description | Type | IA DE Business Rules |
|---|--------------|------------------------------|---|----------|--|
| StudentDemographicRecord | | | | | |
| SIF_ExtendedElement / ReducedPriceLunch | M | D0280 | Is the student approved for reduced lunch at the time of submission? | xs:token | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null (vendor default) |
| SIF_ExtendedElement / IEPIndicator | M | D0296 | Does the student have an IEP? | xs:token | See appendix A.4.3.6 for crosswalk |
| SIF_ExtendedElement / FosterCareIndicator | M | D0230 TIER | Is the student in foster care? | xs:token | Iowa SRI values: 1, 0. Agent to provide SRI code value. Vendor default: 0 |
| SIF_ExtendedElement / Title1TargetedAssistanceReading | M | D0250 | Did the student participate in a Title I Targeted Assistance Reading program at anytime during the year? | xs:token | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null (vendor default) Students in a school-wide program should not be marked "Yes" for Title I Targeted Reading. (per IA Addendum J, see IA DE website) |
| SIF_ExtendedElement / Title1TargetedAssistanceMathematics | M | D0252 | Did the student participate in a Title I Targeted Assistance Mathematics program at anytime during the year? | xs:token | Iowa SRI values: 1, 0. Agent to provide 'Yes' where SRI value='1', 'No' where SRI value='0', and 'No' where SRI value is null (vendor default) Students in a school-wide program should not be marked "Yes" for Title I Targeted Math. (per IA Addendum J) |
| SIF_ExtendedElement / HealthInformation | O | Health Information | This element asks the question: Are there any health concerns/issues regarding this student that should be known immediately? | xs:token | Agent to provide code '1' or '0'. This element not in SRI Data Dictionary. |

S I F P R O F I L E M A P P I N G S

4.3.2 StudentAcademicRecord

(SIF Implementation Specification 2.4 - 6.15.3)

This object conveys a student's academic record data for student record exchange and transcript purposes.

Usage:

Iowa DE districts can have terms with different term spans that run concurrently within a school (building), for instance mini-terms, 4x4 blocks, and semesters. The SIF Implementation Specification allows for multiple terms for historical courses. However, for CurrentCourseActivity courses, the TermInfoData element on CurrentCourseActivity is non-repeatable. In order to allow for multiple term spans (types of sessions) for current courses, Iowa will use the TermInfoData child element on CurrentCourseActivity only for the SchoolYear and use the TermInfoData element on MarkingPeriod to carry the values that define the term for each course, specifically term span (type of session) and term start date.

The CurrentCourseActivity element is only to be used to convey data about courses currently in progress (with future end dates).

For any courses completed in the current school year, the Agent is to provide course data via CourseHistory.

SIF_Events are not reported for this object.

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|------------------------------|--------------|----------------------------------|--|----------------------------------|----------------------|
| StudentAcademicRecord | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies an instance of this record. | RefIdType | |
| @SIF_RefId | M | | The GUID of an associated object, either StudentRecordExchange or StudentPersonal. | RefIdType | |
| @SIF_RefObject | M | | The associated object type. | values: StudentRecordExchange | |

S I F P R O F I L E M A P P I N G S

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|--|-----------------|----------------------------------|
| StudentAcademicRecord | | | | StudentPerson | |
| ReportingDate | M | Date Extract Created | The date this record was prepared. | xs:date | |
| StudentSchoolEnrollmentData | M | | Collects elements of interest from StudentSchoolEnrollment. | | |
| @SchoolAttendedRefId | M | | References the school of record for the student (see SchoolAttended). | IdRefType | |
| StudentSchoolEnrollmentData / GradeLevel | M | D0030 | | GradeLevel | |
| DistrictEntryDate | O | D0210 | The date the student originally enrolled in the district of the school of record. | PartialDateType | Entry Date into Sending District |
| SchoolAttendanceHistory | M | | Chronology of schools attended in the student's academic career, including the current school if enrolled. | List | |
| SchoolAttendanceHistory / SchoolAttended | MR | | Data about each individual school attended. | | |
| @RefId | M | | Id used internally to StudentAcademicRecord to avoid duplication of | RefIdType | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|---|--|-----------------|---|
| StudentAcademicRecord | | | | | |
| | | | school-related data. | | |
| SchoolAttendanceHistory / SchoolAttended / LEAInfoData | M | | Collects elements of interest from LEAInfo. | | Used for the Attending District |
| SchoolAttendanceHistory / SchoolAttended / LEAInfoData / StateProvinceId | M | D0203 | | StateProvinceId | Attending District Code- State assigned ID of the district where the student is counted for attendance purposes |
| SchoolAttendanceHistory / SchoolAttended / LEAInfoData / LEAName | M | Attending District Name | | LEAName | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData | M | | Collects elements of interest from SchoolInfo. | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / LocalId | M | Building Code (local), Also used for element Institution Providing Course (C0050) | | LocalId | See Appendix A.3.2 |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / StateProvinceId | M | Building Code (State assigned) | | StateProvinceId | State assigned ID of the building the student currently attends |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolName | M | Building Name, also used for name of Institution Providing Course | | SchoolName | See Appendix A.3.1 |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|-------------------------------------|---|-------------------|----------------------|
| StudentAcademicRecord | | | | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList | O | | | SchoolContactList | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact | M | | | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo | M | | | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / Name | M | | | | [@Type="04"] |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / Name/ LastName | O | Sending Building Contact Last Name | | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / Name/ FirstName | O | Sending Building Contact First Name | | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / PositionTitle | O | Sending Building Contact Title | Role played by this contact in this instance. Examples Registrar Counselor | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / PhoneNumberList | O | | List of PhoneNumber elements. | PhoneNumberList | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / PhoneNumberList / PhoneNumber | MR | | Code that specifies what type of phone number this is. Note: A subset of | PhoneNumber | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|---|---|---------------------|--|
| StudentAcademicRecord | | | | | |
| | | | valid values may be specified in data objects. | | |
| SchoolAttendanceHistory / SchoolAttended / SchoolInfoData / SchoolContactList / SchoolContact / ContactInfo / PhoneNumberList / PhoneNumber / Number | M | Sending Building Contact Telephone Number | Phone number. Free-form, but typical U.S. formats include: <ul style="list-style-type: none"> • (###) ###-#### • ###-#### | xs:normalizedString | [@ Type="0096"] |
| SchoolAttendanceHistory / SchoolAttended / MarkingSystems | C | | Note: Mandatory if school of record. Marking systems/grading tables used by the school. | List | |
| SchoolAttendanceHistory / SchoolAttended / MarkingSystems / MarkValueInfoData | MR | | Marking system/grading table used by the school. | | Iowa only uses MarkValueInfoData for CourseHistory |
| @Refid | M | | Id used internally to StudentAcademicRecord to link marks to their marking systems. | RefidType | |
| SchoolAttendanceHistory / SchoolAttended / MarkingSystems / MarkValueInfoData / Name | M | | The text name of the value list ("Letter Grades", "Letter Grades (+/-)", "ESU", "Pass/Fail", | xs:string | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|--|-------------------------|----------------------|
| StudentAcademicRecord | | | | | |
| | | | "Override Grades", "Citizenship Comment Codes", etc.). | | |
| CurrentCourseActivity | C | | Note: Mandatory if coursework is underway. Conveys a student's current coursework along with mid-term marks if applicable. | | |
| CurrentCourseActivity / TermInfoData | M | | Collects elements of interest from TermInfo. | | |
| @SchoolAttendedRefId | M | | Reference to the school of record for the courses being taken (see SchoolAttended). | IdRefType | |
| CurrentCourseActivity / TermInfoData / SchoolYear | M | School Year for the Session | | SchoolYear | |
| CurrentCourseActivity / TermInfoData / StartDate | O | | | PartialDateType | |
| CurrentCourseActivity / TermInfoData / TermSpan | O | | | TermSpan | |
| CurrentCourseActivity / TermInfoData / TermSpan / Code | O | | Code for session type. | NCES0266SessionTypeType | |
| CurrentCourseActivity / Courses | M | | Courses being taken. | List | |
| CurrentCourseActivity / Courses / Course | MR | | Course being taken. | | |
| CurrentCourseActivity / Courses / Course / SchoolAttendedRefId | C | | Reference to the school where the | IdRefTyped | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|----------------------------------|---|---------------------|---|
| StudentAcademicRecord | | | | | |
| | | | course is being taken (see SchoolAttended); may be omitted if the school is the same as the school of record. | | |
| CurrentCourseActivity / Courses / Course / SchoolCourseInfoData | M | | Collects elements of interest from SchoolCourseInfo. | | |
| CurrentCourseActivity / Courses / Course / SchoolCourseInfoData / CourseCode | M | C0020 | | CourseCode | Number assigned to the high school course by the district for local use. |
| CurrentCourseActivity / Courses / Course / SchoolCourseInfoData / StateCourseCode | O | C0035 | | StateCourseCode | Note that the Codeset for the Iowa SCED Course Code is state-specific and differs from the codes in the SIF Common element. |
| CurrentCourseActivity / Courses / Course / SchoolCourseInfoData / CourseTitle | M | C0010 | | CourseTitle | Title assigned to the high school course by the current district for local use. |
| CurrentCourseActivity / Courses / Course / MarkingPeriod | M | | | | |
| CurrentCourseActivity / Courses / Course / MarkingPeriod / TermInfoData | C | | Information related to the span of time associated with the marking period. | | |
| CurrentCourseActivity/ Courses/ Course/ MarkingPeriod/ TermInfoData/ StartDate | O | Session Starting Date | | PartialDateType | |
| CurrentCourseActivity / Courses /Course/ MarkingPeriod/ TermInfoData/ TermSpan | M | | | TermSpan | |
| CurrentCourseActivity/ Courses/ Course/ MarkingPeriod/ TermInfoData/ TermSpan/ Code | M | Type of Session | Code for session type. | NCES0266SessionType | See explanation in "Usage" section preceding the SAR object. |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|--|---|---------------------------|--|
| StudentAcademicRecord | | | | | |
| CurrentCourseActivity/ Courses/ Course/ MarkingPeriod/ GradeLevelWhenTaken | M | Grade Level of Student When the Course Was Taken | Student's grade level at time of course. | GradeLevel | |
| CurrentCourseActivity/ Courses/ Course/ MarkingPeriod/ MarkData | C | | Note: Mandatory if mid-term mark exists. Mid-term mark. | | |
| @MarkValueInfoDataRefId | M | | Reference to marking system at school of record. | IdRefType | |
| CurrentCourseActivity/Courses/Course/MarkingPeriod/MarkData/Percentage | C | Grade Earned for the Course | The percent score for this mark (0.00 - 100.00). | xs:decimal | |
| CurrentCourseActivity/Courses/Course/MarkingPeriod/MarkData/Numeric | C | Grade Earned for the Course | The raw numeric score for this mark. | xs:unsignedInt | |
| CurrentCourseActivity / Courses / Course / MarkingPeriod / MarkData / Letter | C | Grade Earned for the Course | The letter grade for this mark. | xs:normalizedString | |
| CurrentCourseActivity / Courses / Course / MarkingPeriod / MarkData / Narrative | C | Grade Earned for the Course | The free form text narrative for this mark. | xs:string | |
| CurrentCourseActivity / Courses / Course / MarkingPeriod / CourseCreditsAttempted | O | Attempted Credits for the Course | Number of course credits attempted. | xs:decimal | |
| CurrentCourseActivity / Courses / Course / SIF_ExtendedElements | C | | | SIF_ExtendedElements List | |
| CurrentCourseActivity / Courses / Course / SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | C | | | SIF_ExtendedElements LIST | Extension on Course If there are any courses in progress, the Agent must provide this Extended Element. |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|---|-----------------|----------------------|
| StudentAcademicRecord | | | | | |
| CurrentCourseActivity / Courses / Course / SIF_ExtendedElement / CourseOrigination | M | C0120 | Indicates the origination of the course curriculum. | xs:token | Vendor default: 1 |
| CourseHistory | O | | Conveys the coursework completed, performance and attendance information for a student's academic career. | List | |
| CourseHistory / Term | OR | | Time spans by which courses are grouped. | | |
| CourseHistory / Term / TermInfoData | M | | Collects elements of interest from TermInfo. | | |
| @SchoolAttendedRefId | M | | Reference to the school of record for the time span (see SchoolAttended). | IdRefType | |
| CourseHistory / Term / TermInfoData / SchoolYear | M | School Year for the Session | | SchoolYear | |
| CourseHistory / Term / TermInfoData / StartDate | O | Session Starting Date | | PartialDateType | |
| CourseHistory / Term / TermInfoData / TermSpan | O | Type of Session | | TermSpan | |
| CourseHistory / Term / Courses | O | | | | |
| CourseHistory / Term / Courses / Course | OR | | | | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|----------------------------------|--|--------------------|--|
| StudentAcademicRecord | | | | | |
| CourseHistory / Term / Courses / Course / SchoolAttendedRefId | C | | Reference to the school where the course was taken (see SchoolAttended); may be omitted if the school is the same as the school of record. | IdRefType | |
| CourseHistory / Term / Courses / Course / SchoolCourseInfoData | M | | Collects elements of interest from SchoolCourseInfo. | | |
| CourseHistory / Term / Courses / Course / SchoolCourseInfoData / CourseCode | M | C0020 | | CourseCode | Number assigned to the high school course by the district for local use. |
| CourseHistory / Term / Courses / Course / SchoolCourseInfoData / StateCourseCode | O | C0035 | | StateCourseCode | This element used for Iowa element C0035, named "SCED Course Code" in the SRI Data Dictionary. Note that the Codeset for the Iowa "SCED Course Code" are state-specific and differ from the codes in the SIF Common element. |
| CourseHistory / Term / Courses / Course / SchoolCourseInfoData / NationalCourseCode | O | NCES Course Code | | NationalCourseCode | The 13-digit course code locally assigned to identify high school courses offered and taught. The use of this course code has been discontinued. It may be available for historical courses. |
| CourseHistory / Term / Courses / Course / SchoolCourseInfoData / CourseTitle | M | C0010 | | CourseTitle | Title assigned to the high school course by the current district for local use. |
| CourseHistory / Term / Courses / Course / MarkingPeriods | M | | Student performance/attendance data for each marking period. | List | |

S I F P R O F I L E M A P P I N G S

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|--|---|---------------------|-------------------------|
| StudentAcademicRecord | | | | | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod | MR | | Student performance/attendance data for a marking period. | | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / SchoolAttendedRefId | C | | Reference to the school where student took the course during the marking period, if different from schools above. | IdRefType | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / TermInfoData | | | Information related to the span of time associated with the marking period. | | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / TermInfoData / StartDate | M | | | PartialDateType | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / TermInfoData / TermSpan | M | | | TermSpan | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / TermInfoData / TermSpan / Code | M | Type of Session | Code for session type | NCES0266SessionType | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / GradeLevelWhenTaken | M | Grade Level of Student When the Course Was Taken | Student's grade level at time of course. | GradeLevel | Required for Transcript |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / MarkData | C | | Note: Mandatory if mid-term mark exists. Mid-term mark. | | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|---------------------------------------|---|------------------------------|---|
| StudentAcademicRecord | | | | | |
| @MarkValueInfoDataRefId | M | | Reference to marking system at school of record. | IdRefType | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / MarkData / Percentage | C | Grade Earned for the Course | The percent score for this mark (0.00 - 100.00). | xs:decimal | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / MarkData / Numeric | C | Grade Earned for the Course | The raw numeric score for this mark. | xs:unsignedInt | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / MarkData / Letter | C | Grade Earned for the Course | The letter grade for this mark. | xs:normalizedString | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / MarkData / Narrative | C | Grade Earned for the Course | The free form text narrative for this mark. | xs:string | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / CourseCreditsAttempted | O | Attempted Credits for the Course | Number of course credits attempted. | xs:decimal | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / CourseCreditsEarned | O | Credits Earned for the Course | Number of course credits earned. | xs:decimal | |
| CourseHistory / Term / Courses / Course / MarkingPeriods / MarkingPeriod / CreditType | O | Type of Credit Awarded for the Course | Type of credit. | NCES0108CreditTypeEarnedType | |
| CourseHistory / Term / Courses / Course / SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | C | | | SIF_ExtendedElements LIST | Extension of Course If there are any historical courses, the Agent must provide this Extended Element. |
| CourseHistory / Term / Courses / Course / SIF_ExtendedElements / SIF_ExtendedElement / CourseOrigination | M | C0120 | Indicates the origination of the course curriculum. | xs:token | Vendor default: 1 |

SIF PROFILE MAPPINGS

| Element/Attribute StudentAcademicRecord | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|---|---------------------|----------------------|
| AcademicPerformanceSummary | M | | Conveys a cumulative summary of a student's entire academic performance at the time the transcript was generated. | | |
| AcademicPerformanceSummary / CumulativeGPA | M | Non-weighted GPA | Cumulative grade point average for academic career. | xs:decimal | |
| AcademicPerformanceSummary / ClassRank | O | Non-weighted Class Rank | Student's rank in graduating class. | xs:unsignedInt | |
| AcademicPerformanceSummary / ClassTotalNumber | O | Total Number in Class | Total number of students in student's graduating class | xs:unsignedInt | |
| AcademicPerformanceSummary / GraduationDate | C | High School Graduation Date | Note: Mandatory if graduated. Graduation date. | PartialDateType | |
| AcademicPerformanceSummary / GraduationDiplomaType | C | | Note: Mandatory if graduated. Type of diploma earned. | xs:normalizedString | |
| AssessmentPerformanceHistory | C | | Note: Mandatory if assessments exist. Conveys a history of assessments that the student has taken throughout his/her academic career. | List | |
| AssessmentPerformanceHistory / Assessment | MR | | A record of performance on an | | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|--|---------------------|--|
| StudentAcademicRecord | | | | | |
| | | | individual assessment. | | |
| AssessmentPerformanceHistory / Assessment / Name | M | Assessment Name | Textual description of assessment. | xs:normalizedString | |
| AssessmentPerformanceHistory / Assessment / AdministrationDate | O | Assessment Administration Date | Date the assessment was administered | PartialDateType | |
| AssessmentPerformanceHistory / Assessment / SubtestCategory | O | Assessment Subtest | The subtest or subtest category of the assessment. | xs:normalizedString | |
| AssessmentPerformanceHistory / Assessment / TestScore | O | Assessment Score | Test score. | xs:normalizedString | |
| SIF_ExtendedElements / SIF_ExtendedElement [@Name="IA Profile Extensions"] | C | | | List | This is the beginning of "IA Profile Extensions"; a complex Extended Element on the root of the StudentAcademicRecord object. Agent must provide the Mandatory elements. |
| SIF_ExtendedElement / DistrictExitDate | O | D0220 | Most Recent Exit Date From Sending District | xs:date | |
| SIF_ExtendedElement / ExitCode | O | D0190 | The most recent district exit code for the student. Used in the student record, along with district exit date. | xs:token | |
| SIF_ExtendedElement / DaysEnrolledCurrentYear | O | D0500 | Number of days a student was enrolled in the district during the | xs:decimal | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|--|--------------|----------------------------------|--|------------|----------------------|
| StudentAcademicRecord | | | | | |
| | | | current school year. | | |
| SIF_ExtendedElement / DaysPresentCurrentYear | O | D0510 | Number of days a student was present during the current school year. | xs:decimal | |
| SIF_ExtendedElement / GraduationStatus | O | D0530 | This element answers the question "Has the student actually graduated at the time the transcript is being sent?" | xs:token | Vendor default: 0 |
| SIF_ExtendedElement / MaximumGPA | O | Maximum GPA | The highest possible grade point average (GPA) that a student could obtain on the institutional grading scale. | xs:decimal | |
| SIF_ExtendedElement / MinimumGPA | O | Minimum GPA | The lowest possible grade point average (GPA) that a student could obtain on the institutional grading scale. | xs:decimal | |
| SIF_ExtendedElement / ExcessiveGPA | O | Excessive GPA | Is it possible for the student to receive a GPA in excess of the district's normal GPA range? | xs:token | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number and/or Name | Description | Type | IA DE Business Rules |
|---|--------------|---|--|------------|---|
| StudentAcademicRecord | | | | | |
| | | | Values: Yes, No | | |
| SIF_ExtendedElement / CumulativeWeightedGPA | M | Weighted GPA | The weighted academic rank of a student in relation to his or her graduating class. | xs:decimal | |
| SIF_ExtendedElement / WeightedClassRank | O | Weighted Class Rank | | xs:decimal | |
| SIF_ExtendedElement / RAIAdjustedGPA | M | RAI Adjusted GPA | Conversion of all grade point averages to 4.0 for purposes of Regent Admission Index (RAI). | xs:decimal | Conversion Formula: $Converted\ GPA = (GPA / Max\ GPA) \times 4$ Where GPA is the actual student GPA and Max GPA is the highest GPA. In the case of a student who has a 7 on a max GPA of 10 it would be $(7 / 10) \times 4 = .7 \times 4 = 2.8$. |
| SIF_ExtendedElement / CumulativeSummary | M | Cumulative Summary | Does the transcript reflect all secondary course work (including courses from previous districts) for the student as of the transcript submission? | xs:token | |
| SIF_ExtendedElement / CPRCourseCompletion | O | Cardiopulmonary Resuscitation Course Completion | Answers the question: Has the student completed a cardiopulmonary resuscitation (CPR) course? | | This element is not in the SRI Data Dictionary. |

SIF PROFILE MAPPINGS

XML Examples of SIF_ExtendedElement “IA Profile Extensions” on the StudentAcademicRecord object

Example of SIF_ExtendedElement on both CurrentCourseActivity and CourseHistory:

- 1.) StudentAcademicRecord / CurrentCourseActivity / Courses / Course
- 2.) StudentAcademicRecord / CourseHistory / Term/ Courses / Course

```
<SIF_ExtendedElement Name="IA Profile Extensions">  
  <CourseOrigination>12</CourseOrigination>  
</SIF_ExtendedElement>
```

Example of SIF_ExtendedElement on the root of StudentAcademicRecord:

StudentAcademicRecord / SIF_ExtendedElements / SIF_ExtendedElement Name= “IA Profile Extensions”

```
<SIF_ExtendedElements>  
  <SIF_ExtendedElement Name="IA Profile Extensions">  
    <DistrictExitDate>2011-04-27</DistrictExitDate>  
    <ExitCode>44 </ExitCode>  
    <DaysEnrolledCurrentYear>178</DaysEnrolledCurrentYear>  
    <DaysPresentCurrentYear>160</DaysPresentCurrentYear>  
    <GraduationStatus>Yes</GraduationStatus>  
    <MaximumGPA>4.0</MaximumGPA>  
    <MinimumGPA>0.0</MinimumGPA>  
    <ExcessiveGPA>Yes</ExcessiveGPA>  
    <CumulativeWeightedGPA>3.75</CumulativeWeightedGPA>  
    <WeightedClassRank>94</ WeightedClassRank>  
    <RAIAdjustedGPA>3.65</ RAIAdjustedGPA>  
    <CumulativeSummary>No</CumulativeSummary>  
    <CPRCourseCompletion>Y</CPRCourseCompletion>  
  </SIF_ExtendedElement>  
</SIF_ExtendedElements>
```

4.4 – Human Resources and Financials Objects

4.4.1 EmployeeAssignment

(SIF Implementation Specification 2.4 - 6.8.3)

This object defines information related to an employee assignment as it pertains to the human resource needed to track an employee assignment for employee reporting and financial funding tracking. The staff assignment record will hold more detail of the actual assignment. There are multiple records for each assignment and/or location.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------------------|--------------|----------------------|---|---|----------------------------|
| EmployeeAssignment | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this staff member assignment. | RefIdType | |
| @EmployeePersonalRefId | M | | This GUID referencing the parent EmployeePersonal object | IdRefType | |
| Description | M | | Short assignment description | xs:string | |
| PrimaryAssignment | M | | Is this the staff member's primary assignment? There must be one and only one instance of the object with Yes in this value per school year. | values: Yes No | |
| JobFTE | M | P620A | Full-time job equivalent ratio for this assignment. (Format is x.xx; an employee who is full-time and who spends 50% of their time on this assignment would be represented as 0.50) | xs:decimal xs:minInclusive-0 xs:maxInclusive-1 xs:fractionDigits-2 | |
| LocationInfoRefId | O | A020A | This is an optional element so the placement of the employee within the agency can be tracked as needed. The GUID references the LocationInfo object. | IdRefType | |
| JobClassification | M | | | | |
| JobClassification/Code | M | | The specific group of duties or responsibilities of position. | NCES0557JobClassificationType | |
| JobClassification/OtherCodeList | M | | | OtherCodeList | |
| OtherCodeList/OtherCode | M | P610A | | OtherCode | [@Codeset="StateProvince"] |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|--|--------------------------|--|
| EmployeeAssignment | | | | | See Appendix A.1.6 and A.1.4 for Iowa Position codes |
| ProgramType | M | | | | |
| ProgramType/Code | M | | The code for the type of instructional or non-instructional program. | NCES0229ProgramType | |
| OtherCodeList | M | | | OtherCodeList | |
| OtherCode | M | P600A | | OtherCode | [@Codeset="StateProvince"] See Appendix A.1.8 for Iowa Program Codes. |
| SIF_ExtendedElements / SIF_ExtendedElement / [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / AssignmentCode | M | A410A | The code to indicate the course title of an assignment. | xs:token | See Appendix A.1.7 for Iowa Assignment codes |
| SIF_ExtendedElement / Shared | O | A450A | Staff person works in more than one district, but one district pays the salary/wage. | xs:token | See Appendix A.1.9 for Iowa Shared codes. |
| SIF_ExtendedElement / SharedDistrict | O | A460A | District that you are sharing with. If the entity that holds the contract is not a public district, nonpublic school, or AEA leave this blank. | xs:token | |
| SIF_ExtendedElement / AtRiskAssurance | O | A470L | The district gives the department an assurance that the teacher, in the classroom teaching at-risk kids, is properly licensed or working with another teacher who is properly licensed. | xs:token | |
| SIF_ExtendedElement / SpEdConsultative | O | A480L | The delivery method used in the special education classroom is "Consultative". In other words the teacher is working with another teacher in order to instruct the special education students in core content. | xs:token | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|----------|----------------------|
| EmployeeAssignment | | | | | |
| SIF_ExtendedElement / SpEdCore | O | A481L | The delivery method used in the special education classroom is "Core content delivered in Special Education Classroom". In other words the teacher of record for core content classes is the teacher in the Special Education Classroom who is appropriately licensed to teach the core content for the class. | xs:token | |
| SIF_ExtendedElement / SpEdAltAssessment | O | A482L | The delivery method used in the special education classroom is "Special Education Classroom with alternate assessment". In other words the students are given an alternate assessment rather than the district wide assessment. | xs:token | |
| SIF_ExtendedElement / ParaEducatorCert | O | A491L | An indication that the paraprofessional met the paraprofessional requirements by obtaining para-educator certification. The para-educator should have a folder number. | xs:token | |
| SIF_ExtendedElement / ParaEarlyChildhoodCert | O | A492L | An indication that the paraprofessional met the paraprofessional requirements by obtaining para-educator certification with an area of concentration in Early Childhood. The para-educator should have a folder number. | xs:token | |
| SIF_ExtendedElement / ParaProfCDA | O | A493A | An indication that the paraprofessional met the paraprofessional requirements by obtaining the CDA (Child Development Associate) designation. | xs:token | |
| SIF_ExtendedElement / ParaProf48HrsCollege | O | A494A | An indication that the paraprofessional met the paraprofessional requirements by completing at least 48 semester hours of college credit. | xs:token | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|--------------|----------------------|--|----------|----------------------|
| EmployeeAssignment | | | | | |
| SIF_ExtendedElement / ParaProfDistAssessment | O | A495A | An indication that the paraprofessional met the paraprofessional requirements by completing district assessment. | xs:token | |
| SIF_ExtendedElement / ParaProfAADegree | O | A496A | An indication that the paraprofessional met the paraprofessional requirements by obtaining an AA degree or higher. | xs:token | |
| SIF_ExtendedElement / ParaProfNone | O | A497A | None of the above apply. | xs:token | |

4.4.2 EmployeePersonal

(SIF Implementation Specification 2.4 - 6.8.5)

This object contains basic information for employees, provided by an HR application.

Usage:

For the race codes, Iowa uses a flag for each of the 5 race categories, (1=yes, 0=no). The Agent is to provide the SIF NCES0849RaceType code for each of the race categories associated with an employee, as a list, per the SIF Specification.

Iowa uses a flag for Hispanic/Latino (1=Yes, 0=No).

Iowa uses a single Local ID, assigned by the district, which the Agent is to provide via the OtherIdList/OtherId [@Type="Local"]. Iowa uses a second identifier for those employees with a state-assigned Folder Number, which the Agent is to provide via StateProvinceId. In other words, all employees will have a value for OtherId, and only some of the employees will have a value for StateProvinceId.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|-------------------------|--------------|----------------------|---|-----------------|---|
| EmployeePersonal | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this staff member. | RefIdType | |
| StateProvinceId | O | D040L | The state-assigned identifier for this staff member. | StateProvinceId | This is the IA state-assigned Folder Number |
| OtherIdList | M | | List all "other" Ids associated with the employee. | List | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|---|--|-----------------------------------|---|
| EmployeePersonal | | | | | |
| OtherIdList/OtherId | M | C001A | This field can hold a SSN, state or locally assigned Id. | xs:normalizedString | Iowa uses a single OtherId per EmployeePersonal (for the Local Staff ID) [@Type="Local"] |
| Name | M | | Name of employee. | BaseNameType | |
| Name/LastName | M | D050A | The last name. | LastName | [@Type="04"] |
| Name/FirstName | M | D060A | The first name. | FirstName | [@Type="04"] |
| Demographics | M | | This element contains information related to employee demographics. | Demographics | |
| Demographics/RaceList | M | | | RaceList | |
| RaceList/Race | MR | | | | |
| Race/Code | M | D083A D084A D085A D086A D087A | The general racial category which reflects the individual's recognition of his or her community or with which the individual most identifies. In a given SIF implementation Agents must have alignment on the use of the NCES and deprecated SPEEDE code sets. Agents are not required to translate between the code sets. | NCES0849RaceType | Agent to provide a list of race codes associated with an employee, using the NCES codes. See Usage for more detail. |
| Demographics/HispanicLatino | O | D082A | | HispanicLatino Values: Yes, No | IA codes: 1=Yes, 0=No. Agent to provide Yes, No values. |
| Demographics/Gender | O | D070A | | Gender values: M, F, U | |
| Demographics/BirthDate | O | D090A | | BirthDate | |
| SIF_ExtendedElements / SIF_ExtendedElement / [@Name= "IA Profile Extensions"] | M | | | SIF_ExtendedElement LIST | |
| SIF_ExtendedElement / PrimarySchool | O | D020A | The 4 digit number of the building in which the staff person works/spends a majority of their time/or starts their day. | xs: token | |

SIF PROFILE MAPPINGS

| Element/Attribute EmployeePersonal | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---|--------------|----------------------|---|-------------|----------------------|
| SIF_ExtendedElement / HighestDegree | O | D100L | Highest degree attained | xs: token | |
| SIF_ExtendedElement / TotalYrsExperience | O | D120L | Total number of years of experience completed (in whole numbers) in K-12 education. If this is the first year, enter zero. | xs: decimal | |
| SIF_ExtendedElement / DistrictExperience | M | D130A | Total number of years of experience completed (in whole numbers) in this district. If this is the first year enter zero. | xs: decimal | |
| SIF_ExtendedElement / ContractDays | M | D150A | Number of days contracted or if not a contract employee, the number of days the employee is expected to work. | xs: decimal | |
| SIF_ExtendedElement / BaseSalary | M | D160A | The amount of gross salary or wage to be paid for normal work duties before deductions, less amount to be paid from Teacher Compensation funds. | xs: decimal | |
| SIF_ExtendedElement / ExtraComp | O | D161A | The amount of salary or wage to be paid for extra duties such as extracurricular activities, extended contract, bonus pay, Incentive Pay, Performance Pay, Stipends, activities that are outside the regular salary schedule. | xs: decimal | |
| SIF_ExtendedElement / BonusPay | O | D164AE A | The amount of salary or wage to be paid by an AEA as Bonus pay. | xs: decimal | |
| SIF_ExtendedElement / ProfDevelopmentDollars | O | D162L | The amount of salary or wage to be paid from teacher quality professional development funds received. | xs: decimal | |
| SIF_ExtendedElement / TeacherSalarySupplement | O | D163L | The amount of salary or wage to be paid from teacher compensation funds received. | xs: decimal | |
| SIF_ExtendedElement / RetirementBenefits | O | D170A | The amount to be paid by the district for retirement and FICA; and the employee's share of retirement if paid by the district. | xs: decimal | |

SIF PROFILE MAPPINGS

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--------------------------------------|--------------|----------------------|---|-------------|----------------------|
| EmployeePersonal | | | | | |
| SIF_ExtendedElement / Annuities | O | D173AE A | The amount to be paid by the AEA for annuities. | xs: decimal | |
| SIF_ExtendedElement / HealthBenefits | O | D171A | The amount to be paid by the district for health benefits such as health insurance, dental insurance, disability insurance, vision insurance, long-term care insurance. | xs: decimal | |
| SIF_ExtendedElement / OtherBenefits | O | D172A | The amount to be paid by the district for other benefits such as IRS value of housing allowance, IRS value of automobile allowances whether purchased or provided, pay for unused vacation/sick leave, life insurance, other insurance. | xs: decimal | |

4.4.3 LocationInfo

(SIF Implementation Specification 2.4 - 6.8.17)

LocationInfo represents a location in a district.

| Element/Attribute | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|---------------------|--------------|----------------------|--|---------------------------------------|----------------------|
| LocationInfo | | | | | |
| @RefId | M | | The Id (GUID) that uniquely identifies this location. | RefIdType | |
| @LocationType | M | | Defines whether the location is a school or a non-school location. | <u>values:</u> School NonSchool | |
| SiteCategory | M | | Specific site category. <u>Examples</u> Prep Site Satellite Central Kitchen Warehouse | xs:normalizedString | |

SIF PROFILE MAPPINGS

| Element/Attribute LocationInfo | Profile Char | IA DE Element Number | Description | Type | IA DE Business Rules |
|--|-----------------|----------------------------|--|---------------------|----------------------|
| | | | Storage Central Office Other | | |
| Name | M | | Text name of the location | xs:normalizedString | |
| LocalId | M | | The locally-assigned identifier for this location. | LocalId | |
| StateProvinceId | O | A020A | The state-assigned identifier for this location. | StateProvinceId | |

A - Appendix

A.4.1 Grade Book Objects Appendix

A.4.2 Student Information System Objects Appendix

A.4.2.1 DisciplineIncident – IncidentLocation

| IncidentLocation | Definition | Code |
|------------------------------------|---|------|
| Bathroom/Restroom | Areas used by students for taking care of personal needs. | 1 |
| Bus | The area inside the bus. | 2 |
| Bus Loading Zone | The area used for bus loading and unloading. | 3 |
| Cafeteria | The area used for breakfast and lunch. | 4 |
| Classroom | Areas used for instructional purposes. | 5 |
| Commons/Common area | Areas shared by students and staff for specific activities. | 6 |
| Computer Lab | Areas used for group computer classes and activities. | 7 |
| Gym | Areas used for physical education classes/activities/events. | 8 |
| Hallway/Breezeway | Areas designated for passing from one activity/class to another. | 9 |
| Library | The area designated for research, study, and book check-out. | 10 |
| Locker Room | Areas used by students to get ready for/after completing physical education classes and/or sporting events. | 11 |
| Off-Campus | An area beyond the property boundary of the school and not affiliated with a school activity. | 12 |
| Office | The area used by school staff for primary school business and management. | 13 |
| Parking Lot | Areas used for parking vehicles during school hours. | 14 |
| Playground | Areas outside used for recess breaks. | 15 |
| Special Event/ Assembly/Field Trip | Areas used for infrequent activities that occur in and/or out of school. | 16 |
| Stadium | The area used for athletic/special events. | 17 |
| Vocational Room | The area used for vocational classes and activities. | 18 |
| Unknown Location | The location of the problem behavior incident is not known or undetermined. | 19 |
| Other Location | The location of the problem behavior incident is not listed above. | 20 |

SIF PROFILE MAPPINGS

A.4.2.2 DisciplineIncident – SIF_ExtendedElement / StudentRemovals / StudentRemoval / ActionTaken

| ActionTaken | Definition | Code |
|--|---|------|
| In-School Suspension | Administrative removal of a student from regular classes or activities for disciplinary reasons, but the student continues to be under the supervision of the school district. | 1 |
| Out-of-School Suspension | Administrative removal of a student from regular classes or activities for disciplinary reasons. | 2 |
| Expulsion | School board action resulting in the removal of a student "from the rolls" of a district (unless the student has an IEP and requires continuing services) for disciplinary reasons. | 3 |
| Expulsion following a suspension for the same incident | For students who are initially suspended and then eventually expelled by board action for disciplinary reasons. | 4 |
| Interim setting by School Personnel | Student is placed in an alternative educational setting. | 5 |
| Interim setting by Impartial Hearing Officer | Student is placed in an alternative educational setting. This action taken is a valid option only for IEP students if the problem behavior was drug related, weapon related, or resulted in Serious Bodily Injury. The maximum duration of this action is 45 days (per incident). | 6 |
| Apology/Restitution | Action taken that results in apologizing or compensating for loss, damage, or injury. | 7 |
| Bus Suspension | Action taken that results in the student not being allowed on the bus. | 8 |
| Community Service | Action taken that results in involvement in community service activities or projects. | 9 |
| Conference with Student | Action taken that results in student meeting with administrator, teacher, and/or parent (in any combination). | 10 |
| Individualized Instruction | Action taken that results in the student receiving individualized instruction specifically related to the student's problem behaviors. | 11 |
| Loss of Privilege | Action taken that results in the student being unable to participate in some type of privilege. | 12 |
| Parent Contact | Action taken that results in parent communication by phone, email, or person-to-person about the problem. | 13 |
| Saturday School | Action taken that results in the student attending classes on a Saturday. | 14 |
| Time in Office | Action taken that results in the student spending time in the office away from scheduled activities/classes. | 15 |
| Time Out/Detention | Action taken that results in the student spending time in a specified area away from scheduled activities/classes. | 16 |
| Action Pending | Action taken is pending. | 17 |
| Other | | 18 |

SIF PROFILE MAPPINGS

A.4.2.3 DisciplineIncident – SIF_ExtendedElement / StudentRemovals / StudentRemoval / ProblemBehavior

| ProblemBehavior | Definition | Code |
|--|--|-------------|
| Abusive or inappropriate language, profanity | Student delivers verbal messages that include swearing, name calling, or use of words in an inappropriate way. | 1 |
| Alcohol related | Student is in possession of or is using alcohol. | 2 |
| Arson | Student plans and/or participates in malicious burning of property. | 3 |
| Bomb threat | Student delivers a false message of possible explosive materials being on-campus, near campus, and/or pending explosion. | 4 |
| Bullying | Student delivers direct or technology-based messages that involve intimidation, teasing, taunting, threats, or name calling. | 5 |
| Combustible related | Student is in possession of substances/objects readily capable of causing bodily harm and/or property damage (matches, lighters, firecrackers, gasoline, lighter fluid). | 6 |
| Defiance, insubordination, or non-compliance | Student engages in refusal to follow directions or talks back to teachers/staff. | 7 |
| Disrespect | Student delivers socially rude or dismissive messages to adults or students. | 8 |
| Disruption | Student engages in behavior causing an interruption in a class or activity including sustained loud talk, yelling, or screaming; noise with materials; horseplay or roughhousing; and/or sustained out-of-seat behavior. | 9 |
| Dress code violation | Student wears clothing that does not fit within the dress code guidelines practiced by the school/district. | 10 |
| Drug related | Student is in possession of or is using illegal drugs/substances or imitations. | 11 |
| Forgery, plagiarism | Student signs a person's name without that person's permission or claims someone else's work as their own. | 12 |
| Gang affiliation display | Student uses gesture, dress, and/or speech to display affiliation with a gang. | 13 |
| Harassment | Student delivers disrespectful messages in any format related to gender, ethnicity, sex, race, religion, disability, physical features, or other protected class. | 14 |
| Inappropriate display of affection | Student engages in inappropriate, consensual verbal and/or physical gestures or contact of a sexual nature with another student/adult. | 15 |
| Inappropriate location | Student is in an area that is outside of school boundaries (as defined by school). | 16 |
| Lying/cheating | Student delivers a message that is untrue or deliberately violates rules about cheating. | 17 |
| Physical aggression with injury | Student engages in actions involving serious physical contact (e.g., hitting, punching, hitting with an object, kicking, hair pulling, scratching, etc.) where either the offender(s) or victim(s) require professional medical attention. Does not include bullying or harassment. | 18 |
| Physical aggression with serious bodily injury | Student engages in actions involving serious physical contact (e.g., hitting, punching, hitting with an object, kicking, hair pulling, scratching, etc.) where either the offender(s) or victim(s) require off-site professional medical attention for extreme physical pain, protracted and obvious disfigurement, protracted loss or impairment of the function of a bodily member, organ, or faculty, or substantial risk of death. | 19 |

SIF PROFILE MAPPINGS

| ProblemBehavior | Definition | Code |
|---|--|-------------|
| Physical aggression without injury | Student engages in actions involving serious physical contact (e.g., hitting, punching, hitting with an object, kicking, hair pulling, scratching, etc.) where the offender(s) or victim(s) do not require professional medical attention. Does not include bullying or harassment. | 20 |
| Physical fighting with injury | Student engages in a mutual physical fight where the offender(s) or victim(s) require professional medical attention. Does not include bullying or harassment. | 21 |
| Physical fighting with serious bodily injury | Student engages in a mutual physical fight where either the offender(s) or victim(s) require off-site professional medical attention for extreme physical pain, protracted and obvious disfigurement, protracted loss or impairment of the function of a bodily member, organ, or faculty, or substantial risk of death. | 22 |
| Physical fighting without injury | Student engages in a mutual physical fight where the offender(s) or victim(s) do not require professional medical attention. Does not include bullying or harassment. | 23 |
| Property damage/vandalism | Student participates in an activity that results in damage or destruction of property. | 24 |
| Skip class | Student leaves or misses class without permission. | 25 |
| Special education administrative law judge decision | Problem behavior involving a special education administrative law judge mandate due to threat of injury. This does not apply to decision by the school board, juvenile court officer, juvenile court judge, or district court judge. | 26 |
| Tardy | Student is late to class or the start of the school day. | 27 |
| Technology violation | Student engages in inappropriate use of cell phone, pager, music/video players, camera, and/or electronic devices. | 28 |
| Theft | Student is responsible for possessing or passing on someone else's property. | 29 |
| Tobacco related | Student is in possession of or is using tobacco. | 30 |
| Truancy | Student receives an 'unexcused absence' for ½ day or more. | 31 |
| Weapon related | Student is in possession of knives, guns (real or look alike), or other objects readily capable of causing bodily harm. | 32 |
| Other | | 33 |

A.4.2.4 DisciplineIncident – SIF_ExtendedElement / StudentRemovals / StudentRemoval / WeaponCode

| WeaponCode Definition | Code | WeaponCode Definition | Code |
|------------------------------|-------------|------------------------------|-------------|
| Handgun | H | Bomb | B |
| Rifle or shotgun | R | Look alike or fake weapon | L |
| Other firearm | F | Other weapon not listed | O |
| Knife | K | Not applicable | N |

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A.4.2.5 DisciplineIncident – SIF_ExtendedElement / StudentRemovals / StudentRemoval / Motivation

| Motivation | Definition | Code |
|-------------------------|---|------|
| Avoid Adult | Student engages in problem behavior(s) to get away from/escape from adult(s). | 1 |
| Avoid Peer(s) | Student engages in problem behavior(s) to get away from/escape peer(s). | 2 |
| Avoid Tasks/Activities | Student engages in problem behaviors(s) to get away from/escape from tasks and/or activities. | 3 |
| Obtain Adult Attention | Student engages in problem behavior(s) to gain attention of adult(s). | 4 |
| Obtain items/Activities | Student engages in problem behavior(s) to gain items and/or activities. | 5 |
| Obtain Peer Attention | Student engages in problem behavior(s) to gain attention of peer(s). | 6 |
| Unknown Motivation | Student engages in problem behavior(s) for unclear reasons. | 7 |
| Other Motivation | Student engages in problem behavior(s) for other reasons not listed above. | 8 |

A.4.2.6 SchoolCourseInfo – SubjectArea / OtherCodeList / OtherCode

Notes: Iowa will use SubjectArea/OtherCode to represent Accreditation Program Area. The two code sets, Iowa and SCED, are similar in essence, though not an exact match. Use OtherCode.

| SubjectArea Definition | Code | SubjectArea Definition | Code |
|------------------------|------|----------------------------|------|
| English/Language Arts | 1 | Physical Education | 6 |
| Fine Arts | 2 | Science | 7 |
| Foreign Language | 3 | Social Studies | 8 |
| Health | 4 | Vocational/CTE | 9 |
| Mathematics | 5 | Not Used for Accreditation | 0 |

A.4.2.7 SchoolCourseInfo / SIF_ExtendedElement / CourseOrigination

| Origination | Defintion | Code |
|--|---|------|
| Local course taught by local teacher | | 1 |
| Local district course taught by non-district teacher | These courses include ICN courses hosted by another district and courses taught in house by a teachers whose primary contract is held by another district. | 11 |
| Postsecondary enrollment option | Postsecondary Enrollment Options Act promotes rigorous academic pursuits by providing high school students access to enroll part-time in nonsectarian courses in eligible postsecondary institutions. The program is available to eligible juniors and seniors as well as freshmen and sophomores who are identified as gifted and talented according to the school district’s criteria and procedures. | 2 |

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| Origination | Defintion | Code |
|---|--|-------------|
| Concurrent enrollment/not career academy course (offered by community college) | Concurrent Enrollment courses are offered through a contractual agreement between a community college and the public school district. These courses are considered to be part of a school district’s curriculum and should be listed in the school district’s course guide. Concurrent enrollment courses are available to all 9th-12th grade students. These courses may be taught at the community college, in the public school district, or online. | 3 |
| Jointly administered course for high school credit (offered by community college) | These courses include high school credit recovery courses or courses in an alternative high school program at the community college. These courses may also be purchased courses from the community college taught in the high school. | 4 |
| District to district sharing (offered by another school district) | These courses are for high school credit only. This includes nonpublic to public and nonpublic to nonpublic sharing. | 5 |
| Iowa Learning Online | | 6 |
| Iowa Online AP Academy | | 7 |
| Concurrent enrollment/Career Academy (offered by community college) | Career Academy (Iowa Code 260C.18A) means a program of study that combines a minimum of two years of secondary education with an associate degree, or the equivalent, career preparatory program in a non-duplicative, sequential course of study that is standards based, integrates academic and technical instruction, utilizes work-based and worksite learning where appropriate and available, utilizes an individual career planning process with parent involvement, and leads to an associate degree or postsecondary diploma or certificate in a career field that prepares an individual for entry and advancement in a high-skill and reward career field and further education. | 9 |
| Regional academy course | A regional academy (Iowa Code 261E.9) is a program established by a school district to which multiple school districts send students in grades seven through twelve. Course may be taught over the ICN or the Internet. These courses are for high school credit only. In order to qualify for supplemental weighting, an application must be submitted and approved by the Finance Bureau of the DE. | 10 |
| College credit course offered by another district | College credit courses offered by another district | 12 |
| Other | These courses may be correspondence courses or purchased on-line courses (PLATO, ALEKS, Odyssey Ware, E2020, etc.) used for credit recovery. | 8 |
| Transfer in course | This course origination may only be used on a transcript. It is for courses a student has already completed in a previous district which need to be entered onto a transcript in the current district. | 51 |
| College credit course contracted with a nonpublic school | This course origination may only be used by Nonpublic Schools. A contractual agreement exists between the postsecondary institution and the nonpublic school. Courses offered through Concurrent Enrollment or PSEO with a postsecondary via the public school district should not be coded with this course origination. | 81 |

A.4.2.8 StaffAssignment – JobFunction / Code, Iowa TIER Roles

| Iowa TIER Role | Definition | Code |
|------------------------------|---|------|
| Teacher | Certified staff that are linked to a classroom of students; has full access to Iowa TIER, for the students linked to the staff; can run teacher level reports | 1000 |
| Universal Screening Assessor | Certified/non-certified staff that have access to the system only to screen students; is not allowed use intervention and reporting features in Iowa TIER | 2240 |
| Internal Coach | Building leader for the Iowa TIER project; professional development and data coach; site administrator for Iowa TIER; can run all building level reports | 2400 |
| Site User | Certified/non-certified staff that have access to the system in a similar way to a classroom teacher, but they aren't linked to a particular classroom and rather have access to all students; do not have any administrative functions in Iowa TIER; can run some building level reports | 2000 |
| Principal | Certified staff that have access to all student records in a building; has some limited administrative functions in Iowa TIER (less than the internal coach); can run some building level reports | 2410 |

A.4.2.9 StaffAssignment – JobFunction / OtherCodeList / OtherCode

| OtherCode (Teacher Codes) | Definition | Code |
|------------------------------|--|------|
| Project Lead the Way Teacher | Math or Science teacher that has taken a course that allows them to teach certain Engineering courses. | 726 |
| Regular Education Teacher | Person who is a member of the instructional professional staff who holds a license/certificate endorsed for the type of position in which employed. A teacher diagnoses, prescribes, evaluates, and directs student learnings in terms of the school's objectives, either singly or in concert with other professional staff members; shares responsibility with the total professional staff for developing educational procedures and student activities to be used in achieving the school's objectives; supervises educational aides who assist in serving students for whom the teacher is responsible; and evaluates or assesses student progress during and following instruction in terms of the objectives sought, and uses this information to develop further educational procedures. | 728 |
| Long-Term Substitute | Person who is taking the place of someone on long-term leave. This person must be teaching the same course for 30 consecutive work days. Report the long-term sub if any of the 30 days falls on October 1st. | 729 |
| Itinerant Teacher | Teacher that is authorized to provide instructional services to those individuals unable to attend class. | 731 |

S I F P R O F I L E M A P P I N G S

| OtherCode (Teacher Codes) | Definition | Code |
|-----------------------------------|--|------|
| Hospital/Homebound Teacher | Teacher that is authorized to provide instructional services to those pupils hospitalized or homebound and unable to attend class. | 735 |
| Early Childhood Special Education | Teacher that is in an Early Childhood setting that has a Special Education focus. | 736 |
| Home Intervention Teacher | Provides in home educational and support services for birth to 3 age children with significant disabilities. | 744 |
| Special Education Teacher | Responsible for providing consultative services to content endorsed general education teachers; or responsible for collaborating/co-teaching with a content endorsed general education teacher for students enrolled in the academic content area. Responsibilities may include assisting with adjustments to the learning environment, modifications or instructional methods, adaptation of curricula, use of positive behavioral supports and interventions, or design, use, or implementation of appropriate accommodations to meet individual needs of students with disabilities. Does not assign grades. Student participates in the general curriculum or person responsible for instruction of elementary and secondary students and serves as the teacher solely responsible for delivering academic content and assigning grades. Student participates in a modification of general curriculum at an instructional level below their general education peers or person responsible for teaching students with the most significant cognitive disabilities, those students who participate in a functional, life-skills curriculum. Does evaluate progress. Student participates in the special education alternate assessment based on special education alternate standards. | 745 |
| Paraprofessionals/Aides | May be in SIS system, otherwise in HR system. | 101 |

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|-------------------------------|--|------|
| AEA Chief Administrator | Person who performs the highest level, agency-wide executive management functions of an Area Education Agency. | 510 |

S I F P R O F I L E M A P P I N G S

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|-------------------------------|--|------|
| Superintendent | Person who promotes, demotes, transfers, assigns, or evaluates practitioners or other personnel, and carries out the policies of a governing board in a manner consistent with professional practice and ethics. | 511 |
| Assistant Superintendent | Person who performs high level, system-wide, executive management functions in a District/Nonpublic. (e.g., assistant, deputy, or associate superintendent) | 512 |
| Principal | Person who is a member of a school’s instructional staff who serves as an instructional leader, coordinates the process and substance of educational and instructional programs, coordinates the budget of the school, provides formative evaluation for all practitioners and other persons in the school, recommends or has effective authority to appoint, assign, promote, or transfer personnel in a school building, implements the local school board’s policy in a manner consistent with professional practice and ethics, and assists in the development and supervision of a school’s student activities program. | 513 |
| Assistant Principal | Person who performs high level executive management functions in an individual school, group of schools, or units of a school system. | 514 |
| Special Education Director | Person who administers or directs special education programs or functions and supervises other staff members. | 515 |
| AEA Regional/Zone Coordinator | Person who performs high level executive management functions in a region or zone. | 533 |
| Supervisor | A person who directs or manages a program or function and supervises other staff members | 534 |
| Other Administrator | Person who performs administrator duties not listed elsewhere. | 550 |
| School Business Official | Person who performs, supervises, and is responsible for the overall financial operations of the local school board. | 612 |

SIF PROFILE MAPPINGS

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|--------------------------------|---|------|
| Special Education Consultant | The special education instructional specialist who provides ongoing support to special and general education instructional personnel delivering services to eligible individual. The consultant participates in the identification process and program planning of eligible individuals as well as working to attain the least restrictive environment appropriate for each eligible individual. The consultant demonstrates instructional procedures, strategies, and techniques; assists in the development of curriculum and instructional materials; assists in transition planning; and provides assistance in classroom management and behavioral intervention. | 616 |
| Content/Curriculum Consultant | Person who provides coordinative services and articulation within an instructional program or area of instruction. | 618 |
| Social Worker | Person who assists in the prevention of, or solution to, those personal, social, and emotional problems of individuals and their relationship with the family, school, and community. | 624 |
| Specialist | Person who provides information and guidance to other staff members in a specialized field. | 626 |
| Coordinator/Department Head | Person who coordinates and articulates an Educational Program or coordinates and improves the instructional program of a specific area. | 633 |
| Teacher Leader | | 640 |
| School Administrative Managers | | 650 |
| Special Ed Support | Individuals who provide support services to PK-12 special education students. To include Social Work, School Psychological, Speech-Language, Audiology, Physical, and Occupational Therapy. | 660 |
| Nurse (SPR on file with BOEE) | Person who performs activities requiring substantial specialized judgment and skill in the observation, care, and counsel of ill and injured persons, and in illness prevention. The person filling this position must hold a bachelor's degree and an SPR with the Board of Educational Examiners. | 698 |
| Coach | Person who instructs individuals in the fundamentals of a competitive sport and direct team or individual strategy. | 699 |

S I F P R O F I L E M A P P I N G S

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|---|---|------|
| Counselor | Person who performs any of the following activities: counseling with students and parents, consulting with other staff members on learning problems, evaluating students abilities, assisting students in making educational and career choices, assisting students in personal and social development, providing referral assistance, and/or working with other staff members in planning and conducting guidance programs for students. | 721 |
| Teacher Librarian/Media Specialist | Person who develops plans for and manages the use of teaching and learning resources. | 722 |
| Paraprofessionals/Aides | May be in SIS system, otherwise in HR system. | 101 |
| Library/Media Associate | | 104 |
| Student Support | Person providing non-instructional services to students. Includes Pupil Transportation supervisors. | 106 |
| Other Support | Person not reported in instructional or student support. | 107 |
| Board Secretary | | 112 |
| Technology | Person involved with the districts information technology system, including the student information system, administrative networks, system analysis and planning, system application development. Also include network administrators, programmers. | 121 |
| Mental Health Counselors | | 124 |
| Records Transfer Staff | Person responsible for entering, retrieving, or sending student records from or to another school or student records system. | 130 |
| Recreation and Therapeutic Recreation Specialists | Person who plans, organizes, and directs medically approved recreation programs. | 131 |
| Interpreters | Person who provides services to children who are deaf or hard of hearing, including oral transliterations services; cued language transliteration services; and sign language interpreting services. | 132 |
| Other Business Officials | Person who coordinates office services such as personnel, financial accounting, budget preparation and control, records control, and special management activities. | 133 |

S I F P R O F I L E M A P P I N G S

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|-------------------------------|--|------|
| HR/Personnel Manager | Person who directs individuals and manages functional supporting services in the human resources area, under the direction of a senior staff member. | 134 |
| Dietician | | 135 |
| Food Service | Staff involved with providing food to students and staff. Supervisors should be reported under other student support. | 136 |
| Other Professional | A general job classification that describes staff that performs duties requiring a high degree of knowledge and skills such as staff lawyers, internal auditors, and CPAs. | 137 |
| AEA Supervisors/Managers | Person who directs individuals and manages functional supporting services under the direction of a senior staff member. | 138 |
| LEA Supervisors/Managers | Person who directs individuals and manages functional supporting services under the direction of a senior staff member. | 139 |
| Technology Support | Person in positions requiring a combination of knowledge and manual skill. This list includes tech support, hardware specialist and operators, film inspectors, projectionists, graphic artists, draftsmen etc. | 141 |
| Other Technical | Person that performs tasks requiring a combination of basic scientific knowledge and manual skills such as high speed printers or presses, computer operators, computer programmers and analysts. | 142 |
| Nurse (No SPR from BOEE) | Person who performs activities requiring substantial specialized judgment and skill in the observation, care, and counsel of ill and injured persons, and in illness prevention. The person filling this position <u>DOES NOT</u> hold an SPR with the Board of Educational Examiners. | 143 |
| Health Assistant | Person, without a health license, employed and educated to function in an assistive role to the registered nurse (RN). The school HA provides health services delegated by a RN and in according with their job description. The health service(s) may be for an individual student or a group of students as specified school procedures. | 144 |

S I F P R O F I L E M A P P I N G S

| OtherCode (Non-Teacher Codes) | Full Description | Code |
|--|--|------|
| Recruiters | Person responsible for identifying and recruiting children as eligible for the Migrant Education Program. | 151 |
| District Wide Administrative Support | Person who provides direct support to the District/System/AEA administrators. This would include business office support, data processing, secretarial and other clerical staff. | 152 |
| School Administrative Support | Person whose activities are concerned with support of the teaching and administrative duties of the office of the principal. This would include clerical staff and secretaries at the building level as well as anyone. | 153 |
| Food Service Director | | 163 |
| Transportation Director | | 167 |
| Operations and Maintenance Director | | 168 |
| Pupil Transportation | Person involved with conveying students to and from school, including vehicle operation and maintenance. Supervisors should be reported under other student support. | 171 |
| Transportation - Other than pupil transportation | Persons involved with transportation other than pupil transportation, including staff pool vehicles. | 175 |
| Operations and Maintenance | Person involved with keeping the physical building open, comfortable and safe for use and with keeping grounds, buildings, and equipment in effective working condition and state of repair, and with keeping the building clean and ready for daily use and the care and maintenance of vehicles other than those used for student transportation. Supervisors should be reported under other support services. | 181 |
| Security | Person involved with maintaining a secure environment for students and staff. Include campus police, security guards and school crossing guards. | 191 |
| Day Care Worker | Persons involved with daycare services provided by the district. Does not include Supervisors. | 192 |

SIF PROFILE MAPPINGS

A.4.2.10 StaffAssignment – TeachingAssignment / OtherCodeList / OtherCode

| Definition | Code | Definition | Code |
|--|-------|----------------------------------|-------|
| ENGLISH LANGUAGE AND LITERATURE | | | |
| English/Lang Arts I (9th grade) | 01001 | Literature - Other | 01099 |
| English/Lang Arts II (10th grade) | 01002 | Eng/Comp (9th and 10th) | 01101 |
| English/Lang Arts III (11th grade) | 01003 | Eng/Comp (11th and 12th) | 01102 |
| English/Lang Arts IV (12th grade) | 01004 | Composition | 01103 |
| AP English Lang and Comp | 01005 | Creative Writing | 01104 |
| AP English Lit and Comp | 01006 | Research/Tech Writing | 01105 |
| IB Language A (English) | 01007 | Composition - IS | 01147 |
| English as a Second Lang | 01008 | Composition - Workplace Exp | 01148 |
| Lang Arts Lab | 01009 | Composition - Other | 01149 |
| Eng/Literature (9th and 10th) | 01051 | Public Speaking | 01151 |
| Eng/Literature (11th and 12th) | 01052 | Forensic Sp - Inclusive | 01152 |
| Literature | 01053 | Forensic Sp - Debate | 01153 |
| American Literature | 01054 | Forensic Sp - Individual Even | 01154 |
| American Literature/History | 01055 | Communications | 01155 |
| British Literature | 01056 | App Eng and Communications | 01156 |
| British Literature/History | 01057 | Speech - IS | 01197 |
| World Literature | 01058 | Speech - Workplace Exp | 01198 |
| Biblical Literature | 01059 | Speech – Other | 01199 |
| Literature of an Author | 01060 | Eng Morphology and Grammar | 01201 |
| Literature of a Genre | 01061 | History of Eng Lang | 01202 |
| Literature of a Period | 01062 | Eng - Test Prep | 01203 |
| Literature of a Place | 01063 | Eng Proficiency Develop | 01992 |
| Literature of a People | 01064 | Eng Lang and Lit - Aide | 01995 |
| Literature of a Theme | 01065 | Eng Lang and Lit – IS | 01997 |
| Strategic Reading | 01066 | Eng Lang and Lit - Workplace Exp | 01998 |
| Assisted Reading | 01067 | Eng Lang and Lit – Other | 01999 |
| Corrective Reading | 01068 | | |
| Literature - IS | 01097 | | |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------|--|--|-------|
| Literature Workplace Exp | 01098 | | | |
| | | | | |
| MATHEMATICS | | | | |
| Informal Math | 02001 | | Calc | 02121 |
| General Math | 02002 | | Multivariate Calc | 02122 |
| Particular Topics in Foundation Math | 02003 | | Differential Calc | 02123 |
| Foundation Math - IS | 02047 | | AP Calc AB | 02124 |
| Foundation Math - Other | 02049 | | AP Calc BC | 02125 |
| Pre-Algebra | 02051 | | Particular Topics in Calc | 02126 |
| Algebra I | 02052 | | IB Math Studies | 02131 |
| Algebra I - Part 1 | 02053 | | IB Math | 02132 |
| Algebra I - Part 2 | 02054 | | IB Math and Computing - SL | 02133 |
| Transition Algebra | 02055 | | IB Further Math - SL | 02134 |
| Algebra II | 02056 | | Particular Topics in Analytic Math | 02141 |
| Algebra III | 02057 | | Analytic Mathematics - Other | 02149 |
| Particular Topics in Algebra | 02058 | | General Applied Math | 02151 |
| Integrated Math - multi-year equivalent | 02061 | | Occupationally Applied Math | 02152 |
| Algebra - Other | 02069 | | Technical Math | 02153 |
| Informal Geometry | 02071 | | Business Math | 02154 |
| Geometry | 02072 | | Business Math w/ Algebra | 02155 |
| Analytic Geometry | 02073 | | Computer Math / Algebra | 02156 |
| Principles of Algebra and Geometry | 02074 | | Consumer Math | 02157 |
| Particular Topics in Geometry | 02075 | | Probability and Stats | 02201 |
| Geometry - Other | 02079 | | Inferential Probability and Stats | 02202 |
| Number Theory | 02101 | | AP Stats | 02203 |
| Discrete Math | 02102 | | Particular Topics in Probability and Stats | 02204 |
| Trig | 02103 | | Probability and Stats - IS | 02207 |
| Math Analysis | 02104 | | Probability and Stats - Other | 02209 |
| Trig/Math Analysis | 02105 | | History of Math | 02991 |
| Trig/Algebra | 02106 | | Math - Test Prep | 02993 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|-----------------------------------|-------------|--|--------------------------------|-------------|
| Trig/Analytic Geometry | 02107 | | Math - Proficiency Develop | 02994 |
| Math Analysis/Analytic Geometry | 02108 | | Math - Aide | 02995 |
| Elem Functions | 02109 | | Math - IS | 02997 |
| Pre-Calc | 02110 | | Math - Workplace Exp | 02998 |
| Linear Algebra | 02111 | | Math - Other | 02999 |
| Linear Programming | 02112 | | | |
| Abstract Algebra | 02113 | | | |
| | | | | |
| | | | | |
| LIFE AND PHYSICAL SCIENCES | | | | |
| Earth Science | 03001 | | IB Chemistry | 03107 |
| Geology | 03002 | | Particular Topics in Chemistry | 03108 |
| Environmental Science | 03003 | | Chemistry - IS | 03147 |
| Astronomy | 03004 | | Chemistry - Workplace Exp | 03148 |
| Marine Science | 03005 | | Chemistry - Other | 03149 |
| Meteorology | 03006 | | Physics | 03151 |
| Physical Geog | 03007 | | Physics - Adv | 03152 |
| Earth and Space Science | 03008 | | Principles of Tech | 03153 |
| Earth Science - IS | 03047 | | AP Physics B | 03155 |
| Earth Science - Workplace Exp | 03048 | | AP Physics C | 03156 |
| Earth Science - Other | 03049 | | IB Physics | 03157 |
| Biology | 03051 | | Physical Science | 03159 |
| Biology - Adv | 03052 | | IB Physical Science | 03160 |
| Anatomy and Physiology | 03053 | | Conceptual Physics | 03161 |
| Anatomy | 03054 | | Particular Topics in Physics | 03162 |
| Physiology | 03055 | | Physics - IS | 03197 |
| AP Biology | 03056 | | Physics - Workplace Exp | 03198 |
| IB Biology | 03057 | | Physics - Other | 03199 |
| Botany | 03058 | | Integrated Science | 03201 |
| Genetics | 03059 | | Unified Science | 03202 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|------------------------------------|-------------|--|--|-------------|
| Microbiology | 03060 | | App Bio/Chemistry | 03203 |
| Zoology | 03061 | | Science Technology/Engineering | 03204 |
| Conceptual Biology | 03062 | | Origins of Science | 03205 |
| Particular Topics in Biology | 03063 | | IB Design Tech | 03206 |
| Biology - IS | 03097 | | AP Environmental Science | 03207 |
| Biology - Workplace Exp | 03098 | | IB Environmental Science | 03208 |
| Biology - Other | 03099 | | Aerospace | 03209 |
| Chemistry | 03101 | | Science, Tech and Society | 03210 |
| Chemistry - Adv | 03102 | | Technical Science | 03211 |
| Organic Chemistry | 03103 | | Scientific Research/Design | 03212 |
| Physical Chemistry | 03104 | | Life and Physical Science - Proficiency Dev | 03994 |
| Chemistry in the Community | 03105 | | Life and Physical Science - Lab Asst | 03995 |
| AP Chemistry | 03106 | | Life and Physical Science - IS | 03997 |
| | | | Life and Physical Science - Workplace Exp | 03998 |
| | | | Life and Physical Science - Other | 03999 |
| SOCIAL SCIENCES AND HISTORY | | | | |
| World Geography | 04001 | | Legal System | 04165 |
| Topics in Geography | 04002 | | Particular Topics in Law | 04166 |
| IB Geography | 04003 | | Government, Politics and Law - IS | 04197 |
| AP Human Geog | 04004 | | Government, Politics and Law - Workplace Exp | 04198 |
| Geog - IS | 04047 | | Government, Politics and Law - Other | 04199 |
| Geog - Workplace Exp | 04048 | | Econ | 04201 |
| Geog - Other | 04049 | | Comparative Econ | 04202 |
| World History - Overview | 04051 | | AP Microeconomics | 04203 |
| World History and Geog | 04052 | | AP Macroeconomics | 04204 |
| Modern World History | 04053 | | AP Econ | 04205 |
| IB History | 04054 | | IB Econ | 04206 |
| Modern European History | 04055 | | Particular Topics in Econ | 04207 |
| AP European History | 04056 | | Econ - IS | 04247 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|------------------------------------|-------------|--|--|-------------|
| AP World History | 04057 | | Econ - Workplace Exp | 04248 |
| Ancient Civilization | 04058 | | Econ - Other | 04249 |
| Medieval European History | 04059 | | Anthropology | 04251 |
| Ancient and Medieval History | 04060 | | Particular Topics in Anthropology | 04252 |
| World Area Studies | 04061 | | IB Social Anthropology | 04253 |
| World People Studies | 04062 | | Psych | 04254 |
| West Civilization | 04063 | | Particular Topics in Psych | 04255 |
| Contemporary World Issues | 04064 | | AP Psych | 04256 |
| Particular Topics in World History | 04065 | | IB Psych | 04257 |
| IB Islamic History | 04066 | | Soc | 04258 |
| World History - IS | 04097 | | Particular Topics in Soc | 04259 |
| World History - Workplace Exp | 04098 | | Social Science | 04260 |
| World History - Other | 04099 | | Social Science Research | 04261 |
| US History - Comp | 04101 | | IB Org Studies | 04262 |
| Early US History | 04102 | | Social Sciences - IS | 04297 |
| Modern US History | 04103 | | Social Sciences - Workplace Experience | 04298 |
| AP US History | 04104 | | Social Sciences - Other | 04299 |
| State-Specific Studies | 04105 | | Humanities Survey | 04301 |
| Contemporary US Issues | 04106 | | Humanities | 04302 |
| US Ethnic Studies | 04107 | | Issues of Western Humanities | 04303 |
| US Gender Studies | 04108 | | IB Theory of Knowledge | 04304 |
| Particular Topics in US History | 04109 | | Social Studies | 04305 |
| US History - IS | 04147 | | Philosophy | 04306 |
| US History - Workplace Exp | 04148 | | Particular Topics in Philosophy | 04307 |
| US History - Other | 04149 | | Modern Intellectual History | 04308 |
| US Government - Comp | 04151 | | IB Philosophy | 04309 |
| Particular Topics in US Government | 04152 | | Particular Topics in Humanities | 04310 |
| Political Science | 04153 | | Humanities - IS | 04347 |
| Comparative Government | 04154 | | Humanities - Workplace Experience | 04348 |
| International Relations | 04155 | | Humanities - Other | 04349 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|--|-------|
| US and World Affairs | 04156 | | Social Science and History - Prof Dev | 04994 |
| AP US Government and Politics | 04157 | | Social Science and History - Aide | 04995 |
| AP Comparative Government and Politics | 04158 | | Social Science and History - IS | 04997 |
| AP Government | 04159 | | Social Science and History - Workplace Exp | 04998 |
| Principles of Democracy | 04160 | | Social Science and History - Other | 04999 |
| Civics | 04161 | | | |
| Law Studies | 04162 | | | |
| Consumer Law | 04163 | | | |
| Business Law | 04164 | | | |
| FINE AND PERFORMING ARTS | | | | |
| Dance Technique | 05001 | | Music History | 05117 |
| Dance Rep | 05002 | | Music Appreciation | 05118 |
| Expressive Movement | 05003 | | Composition/songwriting | 05119 |
| Dance Appreciation | 05004 | | Music - IS | 05147 |
| Choreography | 05005 | | Music - Workplace Exp | 05148 |
| Dance - IS | 05047 | | Music - Other | 05149 |
| Dance - Workplace Exp | 05048 | | Art Appreciation | 05151 |
| Dance - Other | 05049 | | Art History | 05152 |
| Intro to Theater | 05051 | | AP Art - History of Art | 05153 |
| Theatre Arts | 05052 | | Creative Art - Comp | 05154 |
| Drama - Comp | 05053 | | Creative Art - Drawing/Painting | 05155 |
| Exploration in Drama | 05054 | | Creative Art - Drawing | 05156 |
| Drama - Acting/Performance | 05055 | | Creative Art - Painting | 05157 |
| Drama - Stagecraft | 05056 | | Creative Art - Sculpture | 05158 |
| Directing | 05057 | | Ceramics/Pottery | 05159 |
| Playwriting | 05058 | | Printmaking/Graphics | 05160 |
| History and Lit of Theater | 05059 | | Printmaking | 05161 |
| Drama/Stagecraft - IS | 05097 | | Graphic Design | 05162 |
| Drama - Workplace Exp | 05098 | | Advertising Design | 05163 |
| Drama/Stagecraft - Other | 05099 | | Textiles | 05164 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------------|--|---|-------------|
| General Band | 05101 | | Crafts | 05165 |
| Concert Band | 05102 | | Jewelry | 05166 |
| Marching Band | 05103 | | Photography | 05167 |
| Orchestra | 05104 | | Film/Videotape | 05168 |
| Contemporary Band | 05105 | | Computer Assisted Art | 05169 |
| Instrumental Ensembles | 05106 | | Art Portfolio | 05170 |
| Piano | 05107 | | AP Studio Art - General Portfolio | 05171 |
| Guitar | 05108 | | AP Studio Art - Drawing Portfolio | 05172 |
| Individual Technique - Instrumental Music | 05109 | | IB Art/Design | 05173 |
| Chorus | 05110 | | Visual Arts - IS | 05197 |
| Vocal Ensembles | 05111 | | Visual Arts - Workplace Exp | 05198 |
| Individual Technique - Vocal Music | 05112 | | Visual Arts - Other | 05199 |
| Music Theory | 05113 | | Integrated Fine Arts | 05201 |
| AP Music Theory | 05114 | | Fine and Performing Art - Aide | 05995 |
| IB Music | 05115 | | Fine and Performing Art - IS | 05997 |
| Music History/Appreciation | 05116 | | Fine and Performing Art - Workplace Exp | 05998 |
| | | | Fine and Performing Art - Other | 05999 |
| | | | | |
| | | | | |
| FOREIGN LANGUAGE AND LITERATURE | | | | |
| Spanish | 06100 | | Vietnamese Field Exp | 06507 |
| Spanish for Native Speakers | 06106 | | Vietnamese Conversation and Culture | 06508 |
| Spanish Field Exp | 06107 | | Vietnamese Lit | 06509 |
| Spanish Conversation and Culture | 06108 | | IB Lang A (non-English) - Vietnamese | 06510 |
| Spanish Lit | 06109 | | IB Lang B - Vietnamese | 06511 |
| IB Lang A (non-Eng) - Span | 06110 | | Filipino | 06520 |
| IB Lang B - Spanish | 06111 | | Filipino for Native Speakers | 06526 |
| AP Spanish Lang | 06112 | | Filipino Field Exp | 06527 |
| AP Spanish Lit | 06113 | | Filipino Conversation and Culture | 06528 |
| French | 06120 | | Filipino Lit | 06529 |

SIF PROFILE MAPPINGS

| Definition | Code | Definition | Code |
|--|-------|--|-------|
| French for Native Speakers | 06126 | IB Lang A (non-English) - Filipino | 06530 |
| French Field Exp | 06127 | IB Lang B - Filipino | 06531 |
| French Conversation and Culture | 06128 | Southeast Asian Lang | 06580 |
| French Lit | 06129 | Southeast Asian Lang for Native Speakers | 06586 |
| IB Lang A (non-Eng) - French | 06130 | Southeast Asian Lang Field Exp | 06587 |
| IB Lang B - French | 06131 | Southeast Asian Lang Conversation and Culture | 06588 |
| AP French Lang | 06132 | Southeast Asian Lit | 06589 |
| AP French Lit | 06133 | IB Lang A (non-English) - Southeast Asian Lang | 06590 |
| Italian | 06140 | IB Lang B - Southeast Asian Lang | 06591 |
| Italian for Native Speakers | 06146 | Southeast Asian Lang - Other | 06599 |
| Italian Field Exp | 06147 | Russian | 06600 |
| Italian Conversation and Culture | 06148 | Russian for Native Speakers | 06606 |
| Italian Lit | 06149 | Russian Field Exp | 06607 |
| IB Lang A (non-Eng) - Italian | 06150 | Russian Conversation and Culture | 06608 |
| IB Lang B - Italian | 06151 | Russian Lit | 06609 |
| Portuguese | 06160 | IB Lang A (non-English) - Russian | 06610 |
| Portuguese for Native Speakers | 06166 | IB Lang B - Russian | 06611 |
| Portuguese Field Exp | 06167 | Balto-Slavic Lang | 06640 |
| Portuguese Conversation and Culture | 06168 | Balto-Slavic Lang for Native Speakers | 06646 |
| Portuguese Lit | 06169 | Balto-Slavic Lang Field Exp | 06647 |
| IB Lang A (non-Eng) - Portuguese | 06170 | Balto-Slavic Lang Conversation and Culture | 06648 |
| IB Lang B - Portuguese | 06171 | Balto-Slavic Lit | 06649 |
| Romance/Italic Lang | 06180 | IB Lang A (non-English) - Balto-Slavic Lang | 06650 |
| Romance/Italic for Native Speakers | 06186 | IB Lang B - Balto-Slavic Lang | 06651 |
| Romance/Italic Field Exp | 06187 | Balto-Slavic Lang - Other | 06659 |
| Romance/Italic Conversation and Culture | 06188 | Turkic/Ural-Altaic Lang | 06660 |
| Romance/Italic Lit | 06189 | Turkic/Ural-Altaic Lang for Native Speakers | 06666 |
| IB Lang A (non-English) - Romance/Italic | 06190 | Turkic/Ural-Altaic Lang Field Exp | 06667 |
| IB Lang B - Romance/Italic | 06191 | Turkic/Ural-Altaic Lang Conversation and Culture | 06668 |
| Romance/Italic Lang Other | 06199 | Turkic/Ural-Altaic Lit | 06669 |

S I F P R O F I L E M A P P I N G S

| Definition | Code | | Definition | Code |
|---|-------------|--|---|-------------|
| German | 06200 | | IB Lang A (non-English) - Turkic/Ural-Altaic Lang | 06670 |
| German for Native Speakers | 06206 | | IB Lang B - Turkic/Ural-Altaic Lang | 06671 |
| German Field Exp | 06207 | | Turkic/Ural-Altaic Lang - Other | 06679 |
| German Conversation and Culture | 06208 | | Iranian/Persian Lang | 06680 |
| German Lit | 06209 | | Iranian/Persian Lang for Native Speakers | 06686 |
| IB Lang A (non-English) - German | 06210 | | Iranian/Persian Lang Field Exp | 06687 |
| IB Lang B - German | 06211 | | Iranian/Persian Lang Conversation and Culture | 06688 |
| AP German Language | 06212 | | Iranian/Persian Lit | 06689 |
| Germanic Lang | 06240 | | IB Lang A (non-English) - Iranian/Persian Lang | 06690 |
| Germanic Lang for Native Speakers | 06246 | | IB Lang B - Iranian/Persian Lang | 06691 |
| Germanic Lang Field Exp | 06247 | | Iranian/Persian Lang - Other | 06699 |
| Germanic Lang Conversation and Culture | 06248 | | Hebrew | 06700 |
| Germanic Lit | 06249 | | Hebrew for Native Speakers | 06706 |
| IB Lang A (non-English) - Germanic Lang | 06250 | | Hebrew Field Exp | 06707 |
| IB Lang B - Germanic Lang | 06251 | | Hebrew Conversation and Culture | 06708 |
| Germanic Lang - Other | 06259 | | Hebrew Lit | 06709 |
| Celtic Lang | 06260 | | IB Lang A (non-English) - Hebrew | 06710 |
| Celtic Lang for Native Speakers | 06266 | | IB Lang B - Hebrew | 06711 |
| Celtic Lang Field Exp | 06267 | | IB Classical Lang - Hebrew | 06712 |
| Celtic Lang Conversation and Culture | 06268 | | Arabic | 06720 |
| Celtic Lit | 06269 | | Arabic for Native Speakers | 06726 |
| IB Lang A (non-English) - Celtic Lang | 06270 | | Arabic Field Exp | 06727 |
| IB Lang B - Celtic Lang | 06271 | | Arabic Conversation and Culture | 06728 |
| Celtic Lang - Other | 06279 | | Arabic Lit | 06729 |
| Greek | 06280 | | IB Lang A (non-English) - Arabic | 06730 |
| Greek for Native Speakers | 06286 | | IB Lang B - Arabic | 06731 |
| Greek Field Exp | 06287 | | IB Classical Lang - Arabic | 06732 |
| Greek Conversation and Culture | 06288 | | Semitic and Near/Middle Eastern Lang - Other | 06759 |
| Greek Lit | 06289 | | Swahili | 06760 |
| IB Lang A (non-English) - Greek | 06290 | | Swahili for Native Speakers | 06766 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------------|--|--|-------------|
| IB Lang B - Greek | 06291 | | Swahili Field Exp | 06767 |
| Greek - Other | 06299 | | Swahili Conversation and Culture | 06768 |
| Latin | 06300 | | Swahili Lit | 06769 |
| IB Classical Lang - Latin | 06311 | | IB Lang A (non-English) - Swahili | 06770 |
| AP Latin (Virgil, Catullus, and Horace) | 06313 | | IB Lang B - Swahili | 06771 |
| Classical Greek | 06320 | | Non Semitic African Lang | 06780 |
| IB Classical Lang - Greek | 06331 | | Non Semitic African Lang for Native Speakers | 06786 |
| Classical Lang - Other | 06359 | | Non Semitic African Lang Field Exp | 06787 |
| Chinese | 06400 | | Non Semitic African Lang Conversation and Culture | 06788 |
| Chinese for Native Speakers | 06406 | | Non Semitic African Lit | 06789 |
| Chinese Field Exp | 06407 | | IB Lang A (non-English) - Non Semitic African Lang | 06790 |
| Chinese Conversation and Culture | 06408 | | IB Lang B - Non Semitic African Lang | 06791 |
| Chinese Lit | 06409 | | African (Non Semitic) Lang - Other | 06799 |
| IB Lang A (non-English) - Chinese | 06410 | | American Sign Lang | 06800 |
| IB Lang B - Chinese | 06411 | | American Sign Lang - Other | 06819 |
| Japanese | 06420 | | American Indian Lang | 06820 |
| Japanese for Native Speakers | 06426 | | American Indian Lang for Native Speakers | 06826 |
| Japanese Field Exp | 06427 | | American Indian Lang Field Exp | 06827 |
| Japanese Conversation and Culture | 06428 | | American Indian Lang Conversation and Culture | 06828 |
| Japanese Lit | 06429 | | American Indian Lit | 06829 |
| IB Lang A (non-English) - Japanese | 06430 | | IB Lang A (non-English) - American Indian Lang | 06830 |
| IB Lang B - Japanese | 06431 | | IB Lang B - American Indian Lang | 06831 |
| Korean | 06440 | | American Indian Lang - Other | 06839 |
| Korean for Native Speakers | 06446 | | Indic Lang | 06840 |
| Korean Field Exp | 06447 | | Indic Lang for Native Speakers | 06846 |
| Korean Conversation and Culture | 06448 | | Indic Lang Field Exp | 06847 |
| Korean Lit | 06449 | | Indic Lang Conversation and Culture | 06848 |
| IB Lang A (non-English) - Korean | 06450 | | Indic Lit | 06849 |
| IB Lang B - Korean | 06451 | | IB Lang A (non-English) - Indic Lang | 06850 |
| East Asian Lang | 06480 | | IB Lang B - Indic Lang | 06851 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------|--|--|-------|
| East Asian Lang for Native Speakers | 06486 | | Indic Lang - Other | 06859 |
| East Asian Lang Field Exp | 06487 | | Malayo-Polynesian Lang | 06861 |
| East Asian Lang Conversation and Culture | 06488 | | Malayo-Polynesian Lang for Native Speakers | 06866 |
| East Asian Lit | 06489 | | Malayo-Polynesian Lang Field Exp | 06867 |
| IB Lang A (non-English) - East Asian Lang | 06490 | | Malayo-Polynesian Lang Conversation and Culture | 06868 |
| IB Lang B - East Asian Lang | 06491 | | Malayo-Polynesian Lit | 06869 |
| East Asian Lang - Other | 06499 | | IB Lang A (non-English) - Malayo-Polynesian Lang | 06870 |
| Vietnamese | 06500 | | IB Lang B - Malayo-Polynesian Lang | 06871 |
| Vietnamese for Native Speakers | 06506 | | Malayo-Polynesian Lang - Other | 06879 |
| | | | Foreign Lang and Lit - Aide | 06995 |
| | | | Foreign Language and Lit—Independent Study | 06997 |
| | | | Foreign Lang and Lit - Workplace Exp | 06998 |
| | | | Foreign Lang and Lit - Other | 06999 |
| RELIGIOUS EDUCATION AND THEOLOGY | | | | |
| Religious Foundations | 07001 | | Prayer and Spirituality | 07012 |
| Comparative Religion | 07002 | | Religious Ethics and Morality | 07013 |
| Eastern Religions | 07003 | | Justice, Peace, and Faith | 07014 |
| Western Religions | 07004 | | Faith and Lifestyle | 07015 |
| Scriptures | 07005 | | Ministry | 07016 |
| Old Testament | 07006 | | Religious Ed and Theology - Aide | 07995 |
| New Testament | 07007 | | Religious Ed and Theology - IS | 07997 |
| Bible History | 07008 | | Religious Ed and Theology - Workplace Exp | 07998 |
| Christology | 07009 | | Religious Ed and Theology - Other | 07999 |
| Religious Figures | 07010 | | | |
| Liturgy and Prayer | 07011 | | | |
| PHYSICAL, HEALTH, AND SAFETY EDUCATION | | | | |
| Physical Ed | 08001 | | Community Health | 08053 |
| Team Sports | 08002 | | Special Needs Health Ed | 08054 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---------------------------------------|-------|--|---|-------|
| Individual/Dual Sports | 08003 | | Safety and First Aid | 08055 |
| Recreation Sports | 08004 | | Health for Parenting Teens | 08056 |
| Fitness/Conditioning | 08005 | | Health and Life Mgmt | 08057 |
| Corps Movement | 08006 | | Substance Abuse Prevention | 08058 |
| Adapted Phy Ed | 08007 | | Health Education - IS | 08097 |
| Gymnastics | 08008 | | Health Education - Workplace Experience | 08098 |
| Weight Training | 08009 | | Health Ed - Other | 08099 |
| Aquatic/Water Sports | 08010 | | Drivers' Ed - Classroom Only | 08151 |
| Tennis | 08011 | | Drivers' Ed - Classroom and Lab | 08152 |
| Self-defense | 08012 | | Driver's Education - IS | 08197 |
| Specific Sports Activities | 08013 | | Driver's Education - Workplace Experience | 08198 |
| Phy Ed Equivalent | 08014 | | Driver's Education - Other | 08199 |
| Off-Campus Sports | 08015 | | Physical Education/Health/Drivers' Education | 08201 |
| Lifetime Fitness Ed | 08016 | | Physical, Health, and Safety Education - Aide | 08995 |
| Sports Physiology | 08017 | | Physical, Health, and Safety Education - IS | 08997 |
| Phy Ed - IS | 08047 | | Physical, Health, and Safety Education - Work Exp | 08998 |
| Phy Ed - Workplace Exp | 08048 | | Physical, Health, and Safety Education - Other | 08999 |
| Phy Ed - Other | 08049 | | | |
| Health Ed | 08051 | | | |
| Health and Fitness | 08052 | | | |
| | | | | |
| MILITARY SCIENCE | | | | |
| Intro to Jr ROTC | 09001 | | Marine Corps Jr ROTC I | 09201 |
| Military Jr ROTC - unspecified branch | 09002 | | Marine Corps Jr ROTC II | 09202 |
| ROTC Drill | 09003 | | Marine Corps Jr ROTC III | 09203 |
| Military Leadership | 09004 | | Marine Corps Jr ROTC IV | 09204 |
| Army Jr ROTC I | 09051 | | Military Science - Aide | 09995 |
| Army Jr ROTC II | 09052 | | Military Science - IS | 09997 |
| Army Jr ROTC III | 09053 | | Military Science - Workplace Exp | 09998 |
| Army Jr ROTC IV | 09054 | | Military Science - Other | 09999 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|---|-------|
| Navy Jr ROTC I | 09101 | | | |
| Navy Jr ROTC II | 09102 | | | |
| Navy Jr ROTC III | 09103 | | | |
| Navy Jr ROTC IV | 09104 | | | |
| Air Force Jr ROTC I | 09151 | | | |
| Air Force Jr ROTC II | 09152 | | | |
| Air Force Jr ROTC III | 09153 | | | |
| Air Force Jr ROTC IV | 09154 | | | |
| | | | | |
| COMPUTER AND INFORMATION SCIENCES | | | | |
| Intro to Computers | 10001 | | Java Programming | 10155 |
| Computing Systems | 10002 | | Computer Programming - Other Lang | 10156 |
| Computer and Info Tech | 10003 | | AP Computer Science A | 10157 |
| Computer Applications | 10004 | | AP Computer Science AB | 10158 |
| Business Computer Applications | 10005 | | IB Computing Studies | 10159 |
| Telecommunications | 10006 | | Particular Topics in Computer Programming | 10160 |
| IB Information Tech in Global Society | 10007 | | Computer Programming - IS | 10197 |
| Particular Topics in Computer Literacy | 10008 | | Computer Programming - Workplace Exp | 10198 |
| Computer Literacy - IS | 10047 | | Computer Programming - Other | 10199 |
| Computer Literacy - Workplace Exp | 10048 | | Web Page Design | 10201 |
| Computer Literacy - Other | 10049 | | Computer Graphics | 10202 |
| Information Mgmt | 10051 | | Interactive Media | 10203 |
| Database Mgmt and Data Warehousing | 10052 | | Particular Topics in Media Tech | 10204 |
| Database Applications | 10053 | | Media Tech - IS | 10247 |
| Data Systems/Processing | 10054 | | Media Tech - Workplace Exp | 10248 |
| Particular Topics in Mgmt and Info Systems | 10055 | | Media Tech - Other | 10249 |
| Mgmt Info Systems - IS | 10097 | | Computer Tech | 10251 |
| Mgmt Info Systems - Workplace Exp | 10098 | | Computer Maintenance | 10252 |
| Mgmt Info Systems - Other | 10099 | | Information Support and Services | 10253 |
| Network Tech | 10101 | | IT Essentials: PC Hardware and Software | 10254 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|--|-------|
| Networking Systems | 10102 | | CISCO - PNIE | 10255 |
| Area Network Design and Protocols | 10103 | | Particular Topics in Info Support and Services | 10256 |
| Router Basics | 10104 | | Info Support and Services - IS | 10297 |
| NetWare Routing | 10105 | | Info Support and Services - Workplace Exp | 10298 |
| Wide Area Telecomm and Networking | 10106 | | Info Support and Services - Other | 10299 |
| Wireless Networks | 10107 | | Computer and Info Sciences - Aide | 10995 |
| Network Security | 10108 | | Computer and Info Sciences - IS | 10997 |
| Essentials of Network Operating Systems | 10109 | | Computer and Info Sciences - Workplace Exp | 10998 |
| Microsoft Certified Prof (MCP) | 10110 | | Computer and Info Sciences - Other | 10999 |
| Particular Topics in Networking Systems | 10111 | | | |
| Networking Systems - IS | 10147 | | | |
| Networking Systems - Workplace Exp | 10148 | | | |
| Networking Systems - Other | 10149 | | | |
| Business Programming | 10151 | | | |
| Computer Programming | 10152 | | | |
| Visual Basic (VB) Programming | 10153 | | | |
| C++ Programming | 10154 | | | |
| | | | | |
| COMMUNICATION AND AUDIO/VISUAL TECHNOLOGY | | | | |
| Intro to Communication | 11001 | | Particular Topics in Journalism and Broadcasting | 11105 |
| Communication Tech | 11002 | | Journalism and Broadcasting - IS | 11147 |
| Particular Topics in Communication | 11003 | | Journalism and Broadcasting - Workplace Exp | 11148 |
| Communication - IS | 11047 | | Journalism and Broadcasting - Other | 11149 |
| Communication - Workplace Exp | 11048 | | Digital Media Tech | 11151 |
| Communication - Other | 11049 | | Desktop Publishing | 11152 |
| Audio/Visual Production | 11051 | | Digital Media Design and Prod | 11153 |
| Commercial Photography | 11052 | | Commercial Graphic Design | 11154 |
| Photographic Lab and Darkroom | 11053 | | Graphic Tech | 11155 |
| Photo Imaging | 11054 | | Photography and Printing Tech | 11156 |
| Video | 11055 | | Photoengraving | 11157 |

S I F P R O F I L E M A P P I N G S

| Definition | Code | | Definition | Code |
|---|-------------|--|---|-------------|
| Particular Topics in Audio/Visual Tech and Film | 11056 | | Print Press Operations | 11158 |
| Audio/Visual - IS | 11097 | | Particular Topics in Printing Tech and Prod | 11159 |
| Audio/Visual - Workplace Exp | 11098 | | Printing Tech - IS | 11197 |
| Journalism | 11101 | | Printing Tech - Workplace Exp | 11198 |
| Photojournalism | 11102 | | Printing Tech - Other | 11199 |
| Broadcasting Tech | 11103 | | Communication and Audio/Visual Tech - Aide | 11995 |
| Publication Prod | 11104 | | Communication and A/V Tech - IS | 11997 |
| | | | Communication and A/V Tech - Workplace Exp | 11998 |
| | | | Communication and A/V Tech - Other | 11999 |
| BUSINESS AND MARKETING | | | | |
| Business/Office Career Exploration | 12001 | | Finance - IS | 12147 |
| Office Procedures - Comp | 12002 | | Finance - Workplace Exp | 12148 |
| Office and Admin Tech | 12003 | | Finance - Other | 12149 |
| Office Services | 12004 | | Marketing Career Exploration | 12151 |
| Keyboarding | 12005 | | Marketing - Comp | 12152 |
| Word Processing | 12006 | | Marketing - Fashion | 12153 |
| Recordkeeping | 12007 | | Marketing - Real Estate | 12154 |
| Particular Topics in Admin | 12008 | | Marketing - Transportation | 12155 |
| Business Communications | 12009 | | Marketing - Food/Beverage | 12156 |
| Admin - IS | 12047 | | Marketing - Insurance | 12157 |
| Admin - Workplace Exp | 12048 | | Marketing - Floristry | 12158 |
| Admin - Other | 12049 | | Marketing - Hospitality/Tourism | 12159 |
| Introductory Business | 12051 | | Marketing - Merchandising | 12160 |
| Business Mgmt | 12052 | | Retail Marketing | 12161 |
| Entrepreneurship | 12053 | | Internet Marketing | 12162 |
| Business Law | 12054 | | Sports and Entertainment Marketing | 12163 |
| Business Principles and Mgmt | 12055 | | Principles of Marketing | 12164 |
| International Business and Marketing | 12056 | | Principles of Advertising | 12165 |
| Human Resources and Labor Relations | 12057 | | Marketing Mgmt | 12166 |
| Human Resources Mgmt | 12058 | | Marketing - Other Specialization | 12167 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|--|-------|
| IB Business and Mgmt | 12059 | | Marketing - IS | 12197 |
| Mgmt - IS | 12097 | | Marketing - Workplace Exp | 12198 |
| Mgmt - Workplace Exp | 12098 | | Marketing - Other | 12199 |
| Mgmt - Other | 12099 | | Cashier/Checker Operations | 12201 |
| Banking and Finance | 12101 | | Principles of Selling | 12202 |
| Banking | 12102 | | Sales - IS | 12247 |
| Finance | 12103 | | Sales - Workplace Exp | 12248 |
| Accounting | 12104 | | Sales - Other | 12249 |
| Business Econ | 12105 | | Business and Marketing - Aide | 12995 |
| Risk Mgmt and Insurance | 12106 | | Business and Marketing - IS | 12997 |
| Investing | 12107 | | Business and Marketing - Workplace Exp | 12998 |
| | | | Business and Marketing - Other | 12999 |
| | | | | |
| MANUFACTURING | | | | |
| Exploration of Manufacturing Occupations | 13001 | | Particular Topics in Sheet Metal | 13206 |
| Manufacturing - Comp | 13002 | | Welding | 13207 |
| Industrial Arts | 13003 | | Particular Topics in Welding | 13208 |
| Industrial Safety/First Aid | 13004 | | Particular Topics in Metalwork | 13209 |
| Material and Processes | 13052 | | Metalwork - IS | 13247 |
| Metal and Wood Processing/Production | 13053 | | Metalwork - Workplace Exp | 13248 |
| Wood Processing/Prod | 13054 | | Metalwork - Other | 13249 |
| Metal Processing/Prod | 13055 | | Appliance Repair | 13301 |
| Plastics Processing/Prod | 13056 | | Equipment Maintenance and Repair | 13302 |
| Ceramic Processing/Prod | 13057 | | Repair - IS | 13347 |
| Particular Topics in Processing and Prod | 13058 | | Repair - Workplace Exp | 13348 |
| Processing/Prod - IS | 13097 | | Repair - Other | 13349 |
| Processing/Prod - Workplace Exp | 13098 | | Manufacturing - Aide | 13995 |
| Processing/Prod - Other | 13099 | | Manufacturing - IS | 13997 |
| Prod Systems | 13101 | | Manufacturing - Workplace Exp | 13998 |
| Electro-Mechanical Systems | 13102 | | Manufacturing - Other | 13999 |

S I F P R O F I L E M A P P I N G S

| Definition | Code | | Definition | Code |
|---|-------|--|---|-------|
| Product Development | 13103 | | | |
| Production Systems - IS | 13147 | | | |
| Production Systems - Workplace Exp | 13148 | | | |
| Production Systems - Other | 13149 | | | |
| Metalwork Occupations | 13201 | | | |
| Metalworking | 13202 | | | |
| Machining | 13203 | | | |
| Particular Topics in Machining | 13204 | | | |
| Sheet Metal | 13205 | | | |
| HEALTH CARE SCIENCES | | | | |
| Exploration of Health Care Occupations | 14001 | | Medical Terminology | 14154 |
| Health Care Occupations - Comp | 14002 | | Particular Topics in Health Info | 14155 |
| Nursing | 14051 | | Health Info - IS | 14197 |
| Nursing -LPN | 14052 | | Health Info - Workplace Exp | 14198 |
| Home Health Care | 14053 | | Health Info - Other | 14199 |
| Dental Science | 14054 | | Central Service Tech | 14201 |
| Emergency Medical Technology | 14055 | | Health Support Services | 14202 |
| Surgical Technology | 14056 | | Health Unit Coordination | 14203 |
| Vision Care | 14057 | | Particular Topics in Support Services | 14204 |
| Optometrics | 14058 | | Health Support Services - IS | 14247 |
| Gerontology | 14059 | | Health Support Services - Workplace Exp | 14248 |
| Physical therapy | 14060 | | Health Support Services - Other | 14249 |
| Respiratory Therapy | 14061 | | Health Science | 14251 |
| Care of Athletes | 14062 | | Biotechnology | 14252 |
| Particular Topics in Therapeutic Services | 14063 | | Pharmacology | 14253 |
| Therapeutic Services - IS | 14097 | | Particular Topics in Health Sciences | 14254 |
| Therapeutic Services - Workplace Exp | 14098 | | Health Science - IS | 14297 |
| Therapeutic Services - Other | 14099 | | Health Science - Workplace Exp | 14298 |
| Dental Lab Tech | 14101 | | Health Science - Other | 14299 |
| Medical Lab Tech | 14102 | | Health Care Science - Aide | 14995 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|---|-------|
| EKG Tech | 14103 | | Health Care Science - IS | 14997 |
| Phlebotomy | 14104 | | Health Care Science - Workplace Exp | 14998 |
| Particular Topics in Diagnostic Services | 14105 | | Health Care Science - Other | 14999 |
| Diagnostic Services - IS | 14147 | | | |
| Diagnostic Services - Workplace Exp | 14148 | | | |
| Diagnostic Services - Other | 14149 | | | |
| Medical/Clerical Assisting | 14151 | | | |
| Pharmacy Assisting | 14152 | | | |
| Medical Office Procedures | 14153 | | | |
| PUBLIC, PROTECTIVE, AND GOVERNMENT SERVICES | | | | |
| Exploration of Public Service Careers | 15001 | | Particular Topics in Fire Mgmt | 15153 |
| Criminal Justice | 15051 | | Fire Mgmt - IS | 15197 |
| Corrections | 15052 | | Fire Mgmt - Workplace Exp | 15198 |
| Particular Topics in Law Enforcement | 15053 | | Fire Mgmt - Other | 15199 |
| Law Enforcement - IS | 15097 | | Public Admin | 15201 |
| Law Enforcement - Workplace Exp | 15098 | | Community Protection | 15202 |
| Law Enforcement - Other | 15099 | | Public Policy | 15203 |
| Public Safety | 15101 | | Gov't Service - IS | 15247 |
| Security Services | 15102 | | Gov't Service - Workplace Exp | 15248 |
| Particular Topics in Security | 15103 | | Gov't Service - Other | 15249 |
| Security and Protection - IS | 15147 | | Public, Protective, and Gov't Service - Aide | 15995 |
| Security and Protection - Workplace Exp | 15148 | | Public, Protective, and Gov't Service - IS | 15997 |
| Security and Protection - Other | 15149 | | Public, Protective, and Gov't Service - Workplace Exp | 15998 |
| Fire Science | 15151 | | Public, Protective, and Gov't Service - Other | 15999 |
| Fire Fighting | 15152 | | | |
| | | | | |
| HOSPITALITY AND TOURISM | | | | |
| Exploration of Hospitality Careers | 16001 | | Intro to Travel and Tourism | 16151 |
| Exploration of Restaurant, Food and Beverage Service | 16051 | | Travel and Tourism - Comp | 16152 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------|--|--|-------|
| Restaurant, Food and Beverage Service - Comp | 16052 | | World Travel and Tourism | 16153 |
| Food Service | 16053 | | Eco-Tourism | 16154 |
| Nutrition and Food Prep | 16054 | | Particular Topics in Travel and Tourism | 16155 |
| Restaurant Mgmt and Operations | 16055 | | Travel and Tourism - IS | 16197 |
| Culinary Art Specialty | 16056 | | Travel and Tourism - Workplace Exp | 16198 |
| Particular Topics in Restaurant, Food and Beverage | 16057 | | Travel and Tourism - Other | 16199 |
| Restaurant, Food and Beverage Service - IS | 16097 | | Exploration of Recreation, Amusement and Attractions | 16201 |
| Restaurant, Food and Beverage Service - Workplace Exp | 16098 | | Recreation, Amusement and Attract - Comp | 16202 |
| Restaurant, Food and Beverage Service - Other | 16099 | | Particular Topics in Recreation, Amusement and Attract | 16203 |
| Exploration of Lodging Careers | 16101 | | Recreation, Amusement and Attract - IS | 16247 |
| Lodging - Comprehensive | 16102 | | Recreation, Amusement and Attract - Workplace Exp | 16248 |
| Institutional Maintenance | 16103 | | Recreation, Amusement and Attract - Other | 16249 |
| Particular Topics in Lodging | 16104 | | Hospitality and Tourism - Aide | 16995 |
| Lodging - IS | 16147 | | Hospitality and Tourism - IS | 16997 |
| Lodging - Workplace Exp | 16148 | | Hospitality and Tourism - Workplace Experience | 16998 |
| Lodging - Other | 16149 | | Hospitality and Tourism - Other | 16999 |
| ARCHITECTURE AND CONSTRUCTION | | | | |
| Construction Careers Exploration | 17001 | | Plumbing | 17058 |
| Construction - Comp | 17002 | | Plumbing and Heating | 17059 |
| Carpentry | 17003 | | Air Conditioning, Heating and Plumbing - IS | 17097 |
| Framing Carpentry | 17004 | | Air Conditioning, Heating and Plumbing - Workplace Exp | 17098 |
| Particular Topics in Carpentry | 17005 | | Air Conditioning, Heating and Plumbing - Other | 17099 |
| Woodworking | 17006 | | Exploration of Electricity/Electronics | 17101 |
| Cabinetmaking | 17007 | | Electricity - Comp | 17102 |
| Masonry | 17008 | | Residential Wiring | 17103 |
| Building Maintenance | 17009 | | Industrial Electricity | 17104 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------------|--|--|-------------|
| Home Maintenance | 17010 | | Particular Topics in Electricity | 17105 |
| Wall finishings | 17011 | | Electronics - Comp | 17106 |
| Upholstering | 17012 | | Particular Topics in Electronics | 17107 |
| General Construction - IS | 17047 | | Electricity/Electronics - General | 17108 |
| General Construction - Workplace Exp | 17048 | | Particular Topics in Electricity/Electronics | 17109 |
| General Construction - Other | 17049 | | Analog and Digital Circuits | 17110 |
| Air Conditioning | 17051 | | Analog Circuits | 17111 |
| Refrigeration | 17052 | | Digital Circuits | 17112 |
| Heating | 17053 | | Electricity/Electronics - IS | 17147 |
| Air Condition / Refrigeration | 17054 | | Electricity/Electronics - Workplace Exp | 17148 |
| Air Conditioning, Heating and Refrigeration | 17055 | | Electricity/Electronics - Other | 17149 |
| Heating, Ventilation and Air Conditioning | 17056 | | Architecture and Construction - Aide | 17995 |
| Particular Topics in HVACR | 17057 | | Architecture and Construction - IS | 17997 |
| | | | Architecture and Construction - Workplace Exp | 17998 |
| | | | Architecture and Construction - Other | 17999 |
| AGRICULTURE, FOOD, AND NATURAL RESOURCES | | | | |
| Intro to Ag and Natural Resources | 18001 | | Ag Biotech | 18308 |
| Ag - Comp | 18002 | | Particular Topics in Ag Prod/Processing | 18309 |
| Ag and Natural Resources - Comp | 18003 | | Ag Prod and Processing - IS | 18347 |
| Plant Production/Science | 18051 | | Ag Prod and Processing - Workplace Exp | 18348 |
| General Horticulture | 18052 | | Ag Prod and Processing - Other | 18349 |
| Ornamental Horticulture | 18053 | | Ag Mechanics/Equipment/Structures | 18401 |
| Turf and Landscape Mgmt | 18054 | | Ag Mechanics and Equipment | 18402 |
| Soil Science | 18055 | | Ag Structures | 18403 |
| Particular Topics in Plant Systems | 18056 | | Ag Welding | 18404 |
| Plant Systems - IS | 18097 | | Particular Topics in Ag Mechanics and Construction | 18405 |
| Plant Systems - Workplace Exp | 18098 | | Ag Mechanics and Construction - IS | 18447 |
| Plant Systems - Other | 18099 | | Ag Mechanics and Construction - Workplace Exp | 18448 |
| Animal Production Science | 18101 | | Ag Mechanics and Construction - Other | 18449 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|---|-------------|--|--|-------------|
| Small Animal Care | 18102 | | Wildlife Mgmt | 18501 |
| Large Animal Care | 18103 | | Forestry | 18502 |
| Equine Science | 18104 | | Forestry Harvesting | 18503 |
| Vet Science | 18105 | | Natural Resources Mgmt | 18504 |
| Particular Topics in Animal Systems | 18106 | | Particular Topics in Natural Resources | 18505 |
| Animal Systems - IS | 18147 | | Natural Resources - IS | 18547 |
| Animal Systems - Workplace Exp | 18148 | | Natural Resources - Workplace Exp | 18548 |
| Animal Systems - Other | 18149 | | Natural Resources - Other | 18549 |
| Agribusiness Mgmt | 18201 | | Ag, Food and Nat Resources - Aide | 18995 |
| Ag Entrepreneurship | 18202 | | Ag, Food and Nat Resources - IS | 18997 |
| Ag Leadership | 18203 | | Ag, Food and Nat Resources - Workplace Exp | 18998 |
| Particular Topics in Agribusiness | 18204 | | Ag, Food and Nat Resources - Other | 18999 |
| Agribusiness - IS | 18247 | | | |
| Agribusiness - Workplace Exp | 18248 | | | |
| Agribusiness - Other | 18249 | | | |
| Ag Prod | 18301 | | | |
| Ag Processing | 18302 | | | |
| Plant Processing | 18303 | | | |
| Animal Processing | 18304 | | | |
| Food Product Processing | 18305 | | | |
| Aquaculture | 18306 | | | |
| Ag and Society | 18307 | | | |
| | | | | |
| HUMAN SERVICES | | | | |
| Human Services Career Exploration | 19001 | | Ed - IS | 19197 |
| Child Care | 19051 | | Ed - Workplace Exp | 19198 |
| Child Development | 19052 | | Ed - Other | 19199 |
| Elder Care | 19053 | | Clothing and Textiles | 19201 |
| Caregiving Service | 19054 | | Clothing/Textile Maintenance | 19202 |
| Particular Topics in Child and Elder Care | 19055 | | Apparel Construction | 19203 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--|-------|--|---|-------|
| Child and Elder Care - IS | 19097 | | Apparel and Textile Services | 19204 |
| Child and Elder Care - Workplace Exp | 19098 | | Home Furnishing | 19205 |
| Child and Elder Care - Other | 19099 | | Home Furnishing Prod | 19206 |
| Cosmetology - Licensing | 19101 | | Particular Topics in Apparel and Furnishings | 19207 |
| Barbering | 19102 | | Apparel and Furnishings - IS | 19247 |
| Hair Styling | 19103 | | Apparel and Furnishings - Workplace Exp | 19248 |
| Cosmetology - Non-licensing | 19104 | | Apparel and Furnishings - Other | 19249 |
| Cosmetology - Nail Specialization | 19105 | | Human Services - Aide | 19995 |
| Cosmetology - Facial Specialization | 19106 | | Human Services - IS | 19997 |
| Particular Topics in Cosmetology | 19107 | | Human Services - Workplace Exp | 19998 |
| Cosmetology - IS | 19147 | | Human Services - Other | 19999 |
| Cosmetology - Workplace Exp | 19148 | | | |
| Cosmetology - Other | 19149 | | | |
| Teaching Profession | 19151 | | | |
| Educational Methodology | 19152 | | | |
| Early Childhood Ed | 19153 | | | |
| Particular Topics in Ed | 19154 | | | |
| | | | | |
| TRANSPORTATION, DISTRIBUTION, AND LOGISTICS | | | | |
| Exploration of Transp, Dist and Logistics | 20001 | | Heavy Equipment Mechanics | 20112 |
| Truck and Bus Driving | 20051 | | Aircraft Power Plant | 20113 |
| Heavy Equipment Operation | 20052 | | Aircraft Airframe | 20114 |
| Aviation | 20053 | | Automotive Detailing and Reconditioning | 20115 |
| Boat Operation | 20054 | | Automotive Body Repair and Refinishing - Comp | 20116 |
| Operation - IS | 20097 | | Particular Topics in Automotive Body Repair/Refinishing | 20117 |
| Operation - Workplace Exp | 20098 | | Boat Repair/Refinishing | 20118 |
| Operation - Other | 20099 | | Mechanics and Repair - IS | 20147 |
| Energy/Power | 20101 | | Mechanics and Repair - Workplace Exp | 20148 |
| Power and Mechanics | 20102 | | Mechanics and Repair - Other | 20149 |

S I F P R O F I L E M A P P I N G S

| Definition | Code | | Definition | Code |
|---|-------|--|--|-------|
| Intro to Automobiles | 20103 | | Distribution - Comp | 20151 |
| Automotive Mechanics - Comp | 20104 | | Warehouse Operations | 20152 |
| Particular Topics in Automotive Mechanics | 20105 | | Distribution and Logistics - IS | 20197 |
| Automotive Service | 20106 | | Distribution and Logistics - Workplace Exp | 20198 |
| Diesel Mechanics - Comp | 20107 | | Distribution and Logistics - Other | 20199 |
| Particular Topics in Diesel Mechanics | 20108 | | Transportation, Dist and Logistics - Aide | 20995 |
| Small Vehicle Mechanics | 20109 | | Transportation, Dist and Logistics - IS | 20997 |
| Small Engine Mechanics | 20110 | | Transportation, Dist and Logistics - Workplace Exp | 20998 |
| Marine Mechanics | 20111 | | Transportation, Dist and Logistics - Other | 20999 |
| ENGINEERING AND TECHNOLOGY | | | | |
| Pre-Engineering Tech | 21001 | | Aerospace Tech | 21055 |
| Engineering Applications | 21002 | | Particular Topics in Tech Applications | 21056 |
| Engineering Tech | 21003 | | Technology - IS | 21097 |
| Principles of Engineering | 21004 | | Technology - Workplace Exp | 21098 |
| Engineering - Comp | 21005 | | Technology - Other | 21099 |
| Engineering Design | 21006 | | Drafting Careers Exploration | 21101 |
| Engineering Design and Development | 21007 | | Drafting - General | 21102 |
| Digital Electronics | 21008 | | Drafting - Architectural | 21103 |
| Robotics | 21009 | | Drafting - Civil/Structural | 21104 |
| Computer Integrated Mfg | 21010 | | Drafting - Electrical/Electronic | 21105 |
| Civil Engineering | 21011 | | Drafting - Technical/Mechanical | 21106 |
| Civil Engineering and Architecture | 21012 | | CAD Design and Software | 21107 |
| Aerospace Engineering | 21013 | | Blueprint Reading | 21108 |
| Biotechnical Engineering | 21014 | | Drafting - IS | 21147 |
| Particular Topics in Engineering | 21015 | | Drafting - Workplace Exp | 21148 |
| Engineering - IS | 21047 | | Drafting - Other | 21149 |
| Engineering - Workplace Exp | 21048 | | Engineering and Technology - Aide | 21995 |
| Engineering - Other | 21049 | | Engineering and Technology - IS | 21997 |
| Technological Literacy | 21051 | | Engineering and Technology - Workplace Exp | 21998 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|--------------------------------|-------|--|---|-------|
| Technological Processes | 21052 | | Engineering and Technology - Other | 21999 |
| Emerging Technologies | 21053 | | | |
| Tech Innovation and Assessment | 21054 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| MISCELLANEOUS | | | | |
| Standardized Test Preparation | 22001 | | Communication Instruction | 22252 |
| State Test Preparation | 22002 | | Social Development Instruction | 22253 |
| Study Skills | 22003 | | Developmental Support | 22254 |
| Dropout Prevention Program | 22004 | | Miscellaneous - Aide | 22995 |
| Tutorial | 22005 | | Miscellaneous - IS | 22997 |
| Study Hall | 22006 | | Miscellaneous - Workplace Exp | 22998 |
| Office Aide | 22051 | | Miscellaneous - Other | 22999 |
| Guidance Aide | 22052 | | | |
| Library/AVC Aide | 22053 | | At-Risk/Alternative School | 30001 |
| Tutoring Practicum | 22054 | | Home School | 30004 |
| Leadership | 22101 | | Talented and Gifted | 30006 |
| School Orientation | 22102 | | Guidance | 30010 |
| School Government | 22103 | | Library/Media Center | 30020 |
| Community Service | 22104 | | Hospital/Homebound | 30048 |
| Values Clarification | 22105 | | | |
| Seminar | 22106 | | Hearing Impaired Person who helps instruct students who have hearing impairments to communicate their needs manually, verbally, or in writing. | 80002 |
| Career Exploration | 22151 | | Visually Impaired | 80009 |

SIF PROFILE MAPPINGS

| Definition | Code | | Definition | Code |
|-------------------------------------|-------|--|--|-------|
| | | | Person who helps instruct students who have visual impairments to communicate their needs manually, verbally, or in writing. | |
| Employability Skills | 22152 | | 5-12 Special Education (Mild/Moderate) | 80010 |
| Diversified Occupations | 22153 | | Early Childhood Special Education Early Childhood setting that has a Special Education focus. | 80011 |
| Family and Consumer Science - Comp | 22201 | | K-8 Special Education (Mild/Moderate) | 80012 |
| Food and Nutrition | 22202 | | K-12 Special Education - Self Contained - MD | 80013 |
| Food Science | 22203 | | K-12 Special Education - Self Contained - BD/LD | 80014 |
| Child Development/Parenting | 22204 | | Work Experience (Special Education) Person who instructs special education students in the classroom about their work experience. | 80026 |
| Clothing/Sewing | 22205 | | | |
| Life Skills | 22206 | | | |
| Self Mgmt | 22207 | | Coach | 90001 |
| Family Living | 22208 | | Non-Employee Coach | 90002 |
| Personal Development | 22209 | | Instructional Paraprofessionals/Aides | 91060 |
| Consumer Economics/Personal Finance | 22210 | | | |
| Home Décor | 22211 | | | |
| Family and Consumer Science - Aide | 22245 | | | |
| Family and Consumer Science - IS | 22247 | | | |
| Family and Consumer Science - Other | 22249 | | | |
| Community Living | 22251 | | | |

A.4.2.11 StudentPersonal – Race / OtherCodeList / OtherCode

Iowa Uniq-ID requires a single value, and will make use of the OtherCode element. If there is more than one race element, the OtherCode will carry the same value for all instances of the OtherCode. If the student is Hispanic/Latino, then there will be one instance of OtherCode, and that value will be “H”. If the student has three race codes that apply to that student, and the student is not Hispanic/Latino, then all three instances of OtherCode will carry the value of “M”. If the student has one race code that applies, and is not Hispanic/Latino, then a value of I, A, B, P, or W should be supplied by the OtherCode.

SIF PROFILE MAPPINGS

Below are the instructions for the SIS vendors for calculating this singular code value. (See Student Reporting in Iowa Data Dictionary and search on “D0035” or “Race/Ethnicity_StateID”.)

Uniq-ID Race/Ethnicity Calculations

Calculate in sequence using the first true statement:

If Hispanic / Latino (D0042) = 1 then H or

If two or more of American Indian or Alaska Native (D0043) or Asian (D0044) or Black or African American (D0045) or Native Hawaiian or Other Pacific Islander (D0046) or White (D0047) = 1 then M

[i.e. Hispanic / Latino = 0 and two or more races = 1] or

If American Indian or Alaska Native (D0043) = 1 then I or

If Asian (D0044) = 1 then A or

If Black or African American (D0045) = 1 then B or

If Native Hawaiian or Other Pacific Islander (D0046) then P or

If White (D0047) = 1 then W

Race Codes used for Uniq-ID and TIER and to be provided in OtherCode:

| RaceCode Definition | Code |
|---|------|
| Hispanic / Latino | H |
| Multiracial | M |
| American Indian or Alaska Native | I |
| Asian | A |
| Black or African American | B |
| Native Hawaiian or Other Pacific Islander | P |
| White | W |

SIF PROFILE MAPPINGS

A.4.2.12 StudentSchoolEnrollment – EntryType / OtherCodeList / OtherCode

| EntryType Definition | Code |
|---|-------------|
| Enrolled | 1 |
| Open Enrolled In | 2 |
| Tuitioned In Parent Paid | 3 |
| Tuitioned In District Paid | 4 |
| Whole Grade Sharing In | 5 |
| CPI Dual Enrolled | 6 |
| CPI Home School Assistance (HSAP) | 7 |
| Nonpublic Shared Time | 8 |
| CPI Dual Enrolled and CPI Home School Assistance | 9 |
| Tuitioned In NonResident Out-of-State | 10 |
| Foreign Exchange Student | 11 |
| Open Enrolled In and CPI Dual Enrolled | 12 |
| Open Enrolled In and CPI Home School Assistance | 13 |
| Open Enrolled In and CPI Dual Enrolled and CPI Home School Assistance | 14 |
| Tuitioned In State Paid | 15 |
| Public Shared Time | 16 |
| Open Enrolled In and Foreign Exchange Student | 17 |
| Within District Part-time | 18 |
| Foreign Student on Visa | 19 |
| Tuitioned In and CPI Dual Enrolled | 21 |
| Tuitioned In and CPI Home School Assistances | 22 |
| Tuitioned In and CPI Dual Enrolled and CPI Home School Assistance | 23 |
| Whole Grade Sharing In and CPI Dual Enrolled | 27 |
| Whole Grade Sharing In and CPI Home School Assistance | 28 |
| Whole Grade Sharing In and CPI Dual Enrolled and CPI Home School Assistance | 29 |
| Whole Grade Sharing In and Foreign Exchange | 30 |
| Independent Private Instruction | 40 |
| Enrolled in Nonpublic School | 81 |

SIF PROFILE MAPPINGS

| EntryType Definition | Code |
|---|-------------|
| Nonpublic Shared Time for Nonpublic Schools | 82 |

A.4.2.13 StudentSchoolEnrollment – ExitType / OtherCodeList / OtherCode

| ExitType Definition | Code |
|---|-------------|
| Transferred | 1 |
| Transferred Within District | 28 |
| Open Enrolled | 2 |
| Tuitioned Out District Paid | 3 |
| Dropout | 4 |
| Expelled | 5 |
| Reached Maximum Age | 6 |
| Deceased | 7 |
| Graduated from High School | 8 |
| Illness | 9 |
| Whole Grade Sharing Out | 10 |
| Tuitioned Out Parent Paid | 11 |
| No Show | 13 |
| End or Change Enrollment | 14 |
| Expulsion Continuing from Previous Year | 29 |
| Withdrawn at the parent’s request | 30 |
| Withdrawn at the school’s request | 31 |

A.4.2.14 StudentSchoolEnrollment – SIF_ExtendedElement/ DestinationCode

| Destination | Code |
|--|-------------|
| Iowa public district | 1 |
| Iowa accredited nonpublic school | 2 |
| DHS program or Board of Regents school | 6 |
| Out-of-state | 8 |

SIF PROFILE MAPPINGS

| Destination | Code |
|----------------------------|-------------|
| Out-of-county | 9 |
| Home-school/non-accredited | 10 |
| Incarcerated | 11 |
| Unknown | 13 |
| Not applicable | 99 |

A.4.2.15 StudentSnapshot – SIF_ExtendedElement / PostGradPlan

| Post-graduation Plan | Code |
|-----------------------------|-------------|
| Four year private college | 1 |
| Four year public college | 2 |
| Community college | 3 |
| Two year private college | 4 |
| Other postsecondary | 5 |
| Employment | 6 |
| Homemaker | 7 |
| Active military | 8 |
| Unknown | 9 |
| Not applicable | 99 |

A.4.2.16 StudentSnapshot – SIF_ExtendedElement / KLitAssessment

| Kindergarten Literacy Assessment Definition | Code |
|--|-------------|
| FAST | 21 |
| AIMSWEB – Letter Sounds Fluency | 22 |
| AIMSWEB – Letter Naming Fluency | 23 |
| mClass: Reading 3D | 24 |
| Phonological Awareness and Literacy Screening (PALS-K) | 25 |
| STAR Early Literacy | 26 |
| Texas Primary Reading Inventory (TPRI) | 27 |

SIF PROFILE MAPPINGS

| Kindergarten Literacy Assessment Definition | Code |
|---|------|
| FAST | 21 |
| Other | 9 |
| Not Assessed | 13 |
| Not applicable | 99 |

A.4.3 Student Record Exchange Objects Appendix

A.4.3.1 StudentAcademicRecord - SchoolAttended / SchoolInfoData / SchoolName

For Iowa Transcripts and Student Records, the SIF SchoolInfoData/SchoolName element is used for these values:

- Name of the institution that is providing or provided the course that the student is taking or took.
- Name of the building the student currently attends.

For these two data elements, the Agent is to provide separate instances of SchoolInfoData.

For the Institution Providing the Course section, only provide this element when it is different than the school that normally takes attendance for the student. When the name of the Institution (which can be out of district, even out of state) is not available in the SIS, default this element to the LocalId. This default is only for when the school is different than the attending school.

For the name of the building the student currently attends, the path is Term/SchoolAttendedRefId (most recent).

A.4.3.2 StudentAcademicRecord - SchoolAttended / SchoolInfoData / LocalId

For Iowa Transcripts and Student Records, the SIF SchoolInfoData/LocalId element is used for these values:

- Local ID of the institution that is providing or provided the course that the student is taking or took.
- Local ID of the building the student currently attends.

For these two data elements, the Agent is to provide separate instances of SchoolInfoData. In terms of consuming the different values, it will be the path to SchoolAttendedRefId that will distinguish the two instances of SchoolAttended mentioned above.

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For the Institution Providing the Course (only used when it is different than the school that normally takes attendance for the student), the path is Course/SchoolAttendedRefId.

For the name of the building the student currently attends, the path is Term/SchoolAttendedRefId.

Additional Notes on SchoolAttended / SchoolInfoData / LocalId:

- For the Local ID of the building the student currently attends or attended, the ID will be an 8-digit code of a building within the district.
- For the Local ID of the institution providing the Course section, the ID will be a 6-digit or 8-digit code. The default value is an 8-digit code (district code+0000).

If the Local ID is not available, the Agent is to provide the state assigned value in its place.

The ID of the Institution Providing the Course section (C0050) is described in the Student Reporting in Iowa Data Dictionary as such:

“If the institution is an Iowa school district, an Iowa Accredited Nonpublic School, an AEA, or an Out-of-state School, use the eight-digit Destination Location code. If the institution is postsecondary, use the six-digit Integrated Postsecondary Education Data System (IPEDS) code.”

For example, a concurrent credit course offered by a community college but taught in the attending district building will have the community college name as the Institution Providing the Course.

SIF PROFILE MAPPINGS

A.4.3.3 StudentDemographicRecord - Crosswalk for Homeless

| Iowa Homeless Type Codes SRI Element ID D0340 | | |
|--|--|-----------|
| SRI Code | Description | SIF Value |
| 1 | Sheltered/Transitionally Housed | Yes |
| 2 | Doubled-up | Yes |
| 3 | Unsheltered | Yes |
| 6 | Hotel/Motel | Yes |
| 99 | Not applicable (also vendor default: 99) | No |

A.4.3.4 StudentDemographicRecord - Crosswalk for IDEA

| Iowa Coordinated Early Intervening Services (CEIS) Codes SRI Element ID D0760 | | |
|--|------------------------------------|-----------|
| SRI Code | Description | SIF Value |
| 1 | Yes and funded by the LEA | Yes |
| 2 | Yes and funded by the AEA | Yes |
| 3 | Yes and funded by both LEA and AEA | Yes |
| 0 | No (also vendor default: 0) | No |

SIF PROFILE MAPPINGS

A.4.3.5 StudentDemographicRecord - Crosswalk for ELL

| Iowa ELL Status Codes SRI Element ID D0420 | | |
|---|---|-----------|
| SRI Code | Description | SIF Value |
| 1 | Student is in an English Language Instructional Program | Yes |
| 2 | Identified as ELL but not in a program | Yes |
| 4 | Exited | No |
| 5 | Tested and not identified as ELL | No |
| 6 | PK Potential English Language Learners | No |
| 99 | Not applicable (also vendor default: 99) | No |

A.4.3.6 StudentDemographicRecord - Crosswalk for IEPIndicator

| Iowa IEP Codes SRI Element ID D0296 | | |
|--|--|-----------|
| SRI Code | Description | SIF Value |
| 1 | Level I | Yes |
| 2 | Level II | Yes |
| 3 | Level III | Yes |
| 0 | Support Services Only | Yes |
| 99 | Not applicable (also vendor default: 99) | No |

A.4.3.7 StudentDemographicRecord - Crosswalk for FosterCareIndicator

| Iowa Foster Care Codes SRI Element ID D0230 | | |
|--|---|-----------|
| SRI Code | Description | SIF Value |
| 1 | Yes and would not live in the current resident district if not in foster care | Yes |
| 2 | Yes and would live in the current resident district if not in foster care | Yes |
| 0 | No (also vendor default: 0) | No |

A.4.4 Human Resources and Financials Objects Appendix

A.4.4.1 EmployeeAssignment – SIF_ExtendedElement AssignmentCode – Iowa Assignment Codes

Below are the Iowa BEDS Assignment Codes that are mostly non-teaching assignments and likely to be in the HR system.

These will be conveyed via an Extended Element on EmployeeAssignment. Valid codes for AssignmentCode also include teaching codes listed in A.1.5, StaffAssignment – TeachingAssignment.

| Code | Description | Full Definition |
|-------|---|-----------------|
| 30010 | School Guidance | Grades 9 - 12 |
| 30020 | Library/Media Center | |
| 40001 | Superintendent/Assistant Superintendent/AEA Chief Administrator | |
| 40002 | Administration (Elementary) | |
| 40003 | Administration (Middle School) | |
| 40004 | Administration (Junior High School) | |
| 40005 | Administration (High School) | |
| 40006 | Administration (Alternative School) | |
| 40007 | Administration (General, other than Superintendent, Asst Superintendent, AEA Chief Administrator) | |
| 40008 | General Education Supervisor | |

S I F P R O F I L E M A P P I N G S

| Code | Description | Full Definition |
|-------------|-------------------------------|------------------------|
| 40010 | Special Education Supervisor | |
| 40015 | Activities/Athletics Director | |
| 40020 | School Administrative Manager | |
| 50001 | Adult Education | |
| 50002 | Agriculture Education | |
| 50003 | Art | |
| 50004 | At-Risk | |
| 50005 | Activities/Athletics | |
| 50006 | Talented and Gifted | |
| 50007 | Title I | |
| 50008 | Data Processing | |
| 50009 | Driver Education | |
| 50010 | Education Services | |
| 50011 | Elementary Curriculum | |
| 50012 | Elementary Education | |
| 50013 | English/Language Arts | |
| 50015 | Fine Arts | |
| 50016 | Foreign Language | |
| 50017 | Health | |
| 50018 | Family and Consumer Science | |
| 50019 | Industrial Education | |
| 50020 | Library/Media | |
| 50021 | Marketing Education | |
| 50022 | Mathematics | |
| 50023 | Multi-Occupations | |
| 50024 | Music | |
| 50025 | Business | |
| 50027 | Physical Education | |
| 50030 | Reading | |
| 50031 | Science | |
| 50032 | Secondary Curriculum | |
| 50033 | Secondary Education | |
| 50034 | Social Studies | |
| 50035 | School Business Officials | |
| 50036 | English as a Second Lang | |
| 50037 | Theater/Drama | |

SIF PROFILE MAPPINGS

| Code | Description | Full Definition |
|-------------|-------------------------------------|------------------------|
| 50050 | School Administrative Manager | |
| 60001 | Head Start Program | |
| 60002 | Kindergarten | |
| 60003 | Pre-Kindergarten | |
| 60007 | Computer (Applications/Keyboarding) | |
| 60008 | Foreign Language | |
| 60009 | English/Language Arts | |
| 60010 | Vocational | |
| 60011 | Health and Safety | |
| 60012 | Human Growth and Development | |
| 60013 | Mathematics | |
| 60016 | Music | |
| 60017 | Physical Education | |
| 60018 | Reading | |
| 60021 | Science | |
| 60022 | Social Studies | |
| 60023 | Traffic Safety | |
| 60024 | Visual Arts | |
| 60025 | Industrial/Technology Education | |
| 60026 | Elective Activities | |
| 60027 | Fine Arts | |
| 60028 | Band/Orchestra | |
| 60029 | Vocal Music | |
| 60030 | English as a Second Lang | |
| 60031 | Religion | |
| 60032 | 4 Year-Old Preschool | |
| 60033 | General Elementary Classroom | |
| 60034 | Home School | |
| 60035 | School Counselor | Grades PK – 8 only |
| 60036 | Exploratory | |
| 60037 | Family and Consumer Science | |
| 60038 | Business | |
| 60040 | Library/Media | |
| 60041 | At-Risk | |
| 60046 | Talented and Gifted | |
| 60048 | Hospital/Homebound | |

S I F P R O F I L E M A P P I N G S

| Code | Description | Full Definition |
|-------------|-----------------------------------|---|
| 70001 | Audiologist | Person who provides the following services to children with disabilities: Identification of children with hearing loss; Determination of the range, nature, and degree of hearing loss, including referral for medical or other professional attention for the habilitation of hearing; Provision of habilitative activities, such as language habilitation, auditory training, speech reading; Creation and administration of programs for prevention of hearing loss; Counseling and guidance of children, parents, and teachers regarding hearing loss; and Determination of the children’s needs for group and individual amplification, selecting and fitting an appropriate aid, and evaluating the effectiveness of amplification. |
| 70002 | Technology | |
| 70004 | Educational Media | Person who works with devices, content material, methods, or experiences used for teaching and learning purposes. These include printed and non-printed sensory materials. |
| 70006 | Educational TV | |
| 70011 | Special Education Consultant | |
| 70014 | Occupational Therapy | Person who performs activities involving occupational methods of treatment and rehabilitation without the use of drugs or surgery. |
| 70015 | Other Services, Special Education | |
| 70016 | Physical Therapy | Person who performs activities involving physical methods of treatment and rehabilitation without the use of drugs or surgery. |
| 70018 | Intervention Specialist | |
| 70020 | Psychological Services | Person who is licensed as a psychologist to evaluate and analyze a student’s behavior by measuring and interpreting their intellectual, emotional, and social development, and diagnosing their educational and personal disabilities. |
| 70021 | School Social Work Services | Person who provides the following services to children with disabilities: Preparing a social or developmental history on a child with a disability; Group and individual counseling with the child and family; Working in partnership with parents and others on those problems in a child’s living situation (home, school, and community) that affect the child’s adjustment in school; Mobilizing school and community resources to enable the child to learn as effectively as possible in his or her educational program; and Assisting in developing positive behavioral intervention strategies. |
| 70023 | Speech and Language Services | Person who provides the following services to children with disabilities: Identification of children with speech or language impairments; Diagnosis and appraisal of specific speech or language impairments; Referral for medical or other professional attention necessary for the habilitation of speech or language impairments; Provision of speech and language services for the habilitation or prevention of communicative impairments; and Counseling and guidance of parents, children, and teachers regarding speech and language impairments. |
| 70025 | Vocational Rehabilitation | Vocational rehabilitation services provided to a student with disabilities. |
| 70028 | Transition Consultant/Coordinator | |

SIF PROFILE MAPPINGS

| Code | Description | Full Definition |
|-------------|--|--|
| 70029 | Orientation and Mobility | <p>Person providing services to blind or visually impaired students to enable those students to attain systematic orientation to and safe movement within their environments in school, home, and community; and Teaching students the following, as appropriate:</p> <ul style="list-style-type: none"> . Spatial and environmental concepts and use of information received by the senses (such as sound, temperature and vibrations) to establish, maintain, or regain orientation and line of travel (e.g., using sound at a traffic light to cross the street); . To use the long cane to supplement visual travel skills or as a tool for safely negotiating the environment for students with no available travel vision; . To understand and use remaining vision and distance low vision aids; and . Other concepts, techniques, and tools. |
| 70030 | Challenging Behavior/Autism Strategist | <p>Person who provides services for students with a developmental disability significantly affecting verbal and non verbal communication and social interaction, generally evident before age three, which adversely affects educational performance. Characteristics of autism include irregularities and impairments in communication, engagement in repetitive activities and stereotyped movements, resistance to environmental change or change in daily routines, and unusual responses to sensory experiences. This does not include services for children with characteristics of the disability "serious emotional disturbance."</p> |
| 90001 | Coach | |
| 90002 | Non-Employee Coach | |
| 95001 | Nurse | <p>Person who performs activities requiring substantial specialized judgment and skill in the observation, care, and counsel of ill and injured persons, and in illness prevention. The person filling this position must hold a bachelor's degree and an SPR with the Board of Educational Examiners.</p> |
| 99050 | Non Licensed Staff | |
| 91060 | Instructional Paraprofessionals/Aides | <p>May be in the SIS system.</p> |
| 91061 | Non-Instructional Paraprofessionals/Aides | |
| 96001 | Model Teacher | |
| 96002 | Mentor Teacher | |
| 96003 | Lead Teacher | |
| 96004 | Instructional Coach | |
| 96005 | Curriculum and Professional Development Leader | |
| 96006 | Other | |

S I F P R O F I L E M A P P I N G S

A.4.4.2 EmployeeAssignment – ProgramType – Iowa Program Codes

Note: 4 out of 11 Iowa Program Codes do not match NCES0229ProgramTypeType codes. Use OtherCode.

| Code | Description | Iowa Code Definition |
|------|------------------------------------|--|
| 00 | No special program | |
| 01 | Migrant | A program of instruction and services for those children who move periodically with their families from one school to another in a different geographical area in order that a parent or other member of the immediate family may secure seasonal employment. |
| 02 | ESL | A program of instruction and services in which students identified as limited English proficient are placed in regular immersion instruction for most of the school day but receive extra instruction in English for part of the day. This extra help is based on a special curriculum designed to teach English as a second language and to develop the student's ability to use the English language in an academic setting. The non English home language may or may not be used in conjunction with ESL instruction. |
| 03 | Title I TAS - Title I Funded | Title I Targeted Assistance supported with Title I Funds |
| 04 | Title I TAS - Not Title I Funded | Title I Targeted Assistance - Not supported with Title I Funds |
| 05 | Title I SWP | Title I Schoolwide Program |
| 06 | Other Federal programs | Other Federal programs not listed. |
| 07 | Special Education | A service, specially designed and at no cost to the parent/guardian, that adapts the curriculum, materials, or instruction for students identified as needing special education because of a disabling condition. This may include specially designed instruction for students with any of the following: autism, deaf-blindness, developmental delay (to age 9), hearing impairment, mental retardation, multiple disabilities, orthopedic impairment, serious emotional disturbance, specific learning disability, speech or language impairment, traumatic brain injury, visual impairment, and other health information. |
| 08 | Statewide Voluntary Preschool/ECSE | The purpose of Iowa's Statewide Voluntary Preschool Program for Four-Year-Old Children is to provide an opportunity for all young children in the State of Iowa to enter school ready to learn by expanding voluntary access to quality preschool curricula for all four-year-old children. The allocation of funds for the Statewide Voluntary Preschool Program is intended to improve access to quality early childhood education and provide a predictable, equitable and sustainable funding method to increase the number of children participating in quality programs. Therefore, the four-year-old preschool funds are intended to increase the number of children participating in quality programs. (ECSE=Early Childhood Special Ed) |

SIF PROFILE MAPPINGS

| Code | Description | Iowa Code Definition |
|------|----------------------------|---|
| 09 | Gifted and Talented | Programs that provide special educational opportunities including accelerated promotion through grades and classes and an enriched curriculum for students who are endowed with a high degree of mental ability or who demonstrate unusual physical coordination, creativity, interest, or talent (often in the visual or performing arts). |
| 20 | At-Risk/Dropout Prevention | A program that develops and implements educational strategies and practices including special instructional methods and materials to encourage students to remain in school and complete their elementary and secondary education. |

A.4.4.3 EmployeeAssignment – Shared Codes

Note: Used in “Shared” element on the “IA Profile Extensions” SIF ExtendedElement.

| Code | Description |
|------|---|
| 0 | Not Shared |
| 1 | Shared – Assignment in Both Districts |
| 2 | Shared – Assignment in District Purchasing the Service Only |
| 3 | Shared – SWVPP Salary paid by Non-Public School |
| 4 | Shared with another Governmental Entity |
| 5 | Private Provider |