

## **NSSRS Export File Layouts** **Version 1.0**

This document shall set forth the layout of the four types of export files available in the Uniq-ID System. The application allows users to export certain records to be used outside of the system. The four types of exports are:

1. IDs Assigned
2. Errors to Fix
3. Near Matches/Duplicates to Resolve
4. Canceled Records

Users can download the above exports either one student batch file at a time or across multiple batches. For example, for a particular student batch file, users can download an export file of all the records in that batch that have errors that need fixing. In addition, users can download an export file of all records across multiple batches.

Each export file will contain three different types of records: (1) header record (2) detail record (3) trailer record. The header and trailer records will be delimited with either a single tab or space as determined by the particular student batch file for input. The detail records will use the delimiter that was used in the particular student batch file for input. The export of multiple batch files will only be allowed if all of the batch files selected use the same delimiter. For export files across multiple batches, the form of the delimiter will default to whatever delimiter was used in the initial batch chosen. Therefore, if batch #123 was comma delimited and the header record in the input batch file used “delimiter=0x2C”, then any export file for that batch will have comma delimited detail records and the header record will contain “delimiter=0x2C” to indicate the delimiter. All records should be delimited from each other by CR + LF characters.

The header and trailer record format for all four types of exports will be the same. However, the detail record format will change from export to export.

### A. Header Record Layout

The header record will always be the first record in the file and will contain the following fields:

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'TH'.
Extract Date	No	VarChar (10)	Will be in an 'mm/dd/yyyy' format.
Extract Time	No	VarChar (8)	Will be in an 'hh:mm:ss' format.
Transmission ID	No	VarChar (10)	Transmission ID of the batch. For multiple batches, this will be the ID of the initial batch chosen.
Version	No	VarChar (10)	Always '1.0'
Delimiter	No	VarChar (25)	Will be the character literal or the hex representation of the delimiter that is used in the detail records. For a comma delimiter, the character literal will be 'delimiter=,' and the hex representation would be 'delimiter=0X2C'.

### B. Trailer Record Layout

The trailer record will always be the last record in the file and will contain the following fields:

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'TT'.
Transmission ID	No	VarChar (10)	Transmission ID of the batch. For multiple batches, this will be the ID of the initial batch chosen.
Number of Records	No	VarChar (10)	Number of records in the file, including the 'TH' and 'TT' records.

### C. Detail Record Layouts

The detail records will appear between the header and trailer records and will represent individual student data.

#### IDs Assigned

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'ID'.
Current School Code	No	VarChar (6)	School Code where the student is currently enrolled.
Resident District Code	No	VarChar (8)	
Legal Last Name	No	VarChar (60)	
Legal First Name	No	VarChar (60)	
Legal Middle Initial	Yes	VarChar (60)	
Legal Name Suffix	Yes	VarChar (10)	
Gender	No	VarChar (6)	Pre-defined Gender Code.
Date of Birth	No	VarChar (10)	Will have an 'mm/dd/yyyy' format.
Current Grade Level	No	VarChar (2)	Pre-defined Grade Level Code.
Local Student ID	No	VarChar (20)	ID used in the local Student Information System to uniquely identify the student.
Social Security Number	Yes	VarChar (11)	Format will not include any hyphens or other special characters.
Race / Ethnicity	No	VarChar (4)	Pre-defined Race / Ethnic code.
State ID	Yes	VarChar (25)	ID assigned to the student by the Uniq-ID System.
Current District of RecordCode	No	VarChar (8)	District Code where the student is currently enrolled.
Current School Year	No	VarChar (10)	Must have an 'yyyy' format.

Errors To Fix

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'ID'.
Current School Code	No	VarChar (6)	School Code where the student is currently enrolled.
Resident District Code	No	VarChar (8)	
Legal Last Name	No	VarChar (60)	
Legal First Name	No	VarChar (60)	
Legal Middle Initial	Yes	VarChar (60)	
Legal Name Suffix	Yes	VarChar (10)	
Gender	No	VarChar (6)	Pre-defined Gender Code.
Date of Birth	No	VarChar (10)	Will have an 'mm/dd/yyyy' format.
Current Grade Level	No	VarChar (2)	Pre-defined Grade Level Code.
Local Student ID	No	VarChar (20)	ID used in the local Student Information System to uniquely identify the student.
Social Security Number	Yes	VarChar (11)	Format will not include any hyphens or other special characters.
Race / Ethnicity	No	VarChar (4)	Pre-defined Race / Ethnic code.
State ID	Yes	VarChar (25)	ID assigned to the student by the Uniq-ID System. For those students have not yet been assigned an ID, this fields will be blank.
Current District of Record Code	No	VarChar (8)	District Code where the student is currently enrolled.
Current School Year	No	VarChar (10)	Must have an 'yyyy' format.
Record Status	No	VarChar (100)	Status of the record. For this export type the value will always be 'Waiting to Fix Errors'.
Record Reference Number	No	Number (20)	Uniq-ID System identifier for this particular record.
Error List	No	VarChar (100)	List of all the errors for this record (e.g., Grade Level is not valid). Each error will be separated be a semicolon.

Near Matches/Duplicates To Resolve

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'ID'.
Current School Code	No	VarChar (6)	School Code where the student is currently enrolled.
Resident District Code	No	VarChar (8)	
Legal Last Name	No	VarChar (60)	
Legal First Name	No	VarChar (60)	
Legal Middle Initial	Yes	VarChar (60)	
Legal Name Suffix	Yes	VarChar (10)	
Gender	No	VarChar (6)	Pre-defined Gender Code.
Date of Birth	No	VarChar (10)	Will have an 'mm/dd/yyyy' format.
Current Grade Level	No	VarChar (2)	Pre-defined Grade Level Code.
Local Student ID	No	VarChar (20)	ID used in the local Student Information System to uniquely identify the student.
Social Security Number	Yes	VarChar (11)	Format will not include any hyphens or other special characters.
Race / Ethnicity	No	VarChar (4)	Pre-defined Race / Ethnic code.
State ID	Yes	VarChar (25)	ID assigned to the student by the Uniq-ID System.
Current District of Record Code	No	VarChar (8)	District Code where the student is currently enrolled.
Current School Year	No	VarChar (10)	Must have an 'yyyy' format.
Record Status	No	VarChar (100)	Status of the record. For this export type the value will always be 'Waiting to Resolve Near Matches'.
Record Reference Number	No	Number (20)	Uniq-ID System identifier for this particular record.
Match/Near Match List	No	VarChar (100)	List of all State IDs that the application has determined are a match or near match with this record. Each State ID will be separated by a semicolon.

Canceled Records

Field Name	Null Allowed	Data Type	Notes/Format Details
Record Type	No	VarChar (2)	Always 'ID'.
Current School Code	No	VarChar (6)	School Code where the student is currently enrolled.
Resident District Code	No	VarChar (8)	
Legal Last Name	No	VarChar (60)	
Legal First Name	No	VarChar (60)	
Legal Middle Initial	Yes	VarChar (60)	
Legal Name Suffix	Yes	VarChar (10)	
Gender	No	VarChar (6)	Pre-defined Gender Code.
Date of Birth	No	VarChar (10)	Will have an 'mm/dd/yyyy' format.
Current Grade Level	No	VarChar (2)	Pre-defined Grade Level Code.
Local Student ID	No	VarChar (20)	ID used in the local Student Information System to uniquely identify the student.
Social Security Number	Yes	VarChar (11)	Format will not include any hyphens or other special characters.
Race / Ethnicity	No	VarChar (4)	Pre-defined Race / Ethnic code.
State ID	Yes	VarChar (25)	ID assigned to the student by the Uniq-ID System.
Current District of Record Code	No	VarChar (8)	District Code where the student is currently enrolled.
Current School Year	No	VarChar (10)	Must have an 'yyyy' format.
Record Status	No	VarChar (100)	Status of the record. For this export type the value will be 'Canceled at Fix Errors', 'Canceled - Near Match' or 'Canceled – ID Invalid'
Record Reference Number	No	Number (20)	Uniq-ID System identifier for this particular record.
Record Comments	No	VarChar (100)	If cancelled at fix errors stage, then this field will contain a list of all the errors. If cancelled at match resolution stage, then this field will contain a list of all matches/near matches. If this record is cancelled due to the ID in the record being invalid, then the value will be 'ID is invalid'.