National Student Loan Data System

New Enrollment Reporting File Layout
(Comma Separated Values)

February 27, 2014

1. NSLDS New Enrollment Reporting Comma Separated Values (CSV) File Layout

As a result of the [150% Direct Subsidized Loan Limit](), schools will be required to report enrollment at the program-level by July 1, 2014. The 150% limit necessitates several changes to the Enrollment Reporting File Layout. The introduction below summarizes these changes and describes what actions schools must perform to accommodate them.

*Schools may begin using the new file layouts (fixed-width or CSV) no earlier than April 14, 2014. However, all schools **must** begin using one of the new Enrollment Reporting File Layouts, and begin reporting program-level enrollment information, by **July 1, 2014**.*

The Department of Education requires schools participating in the Title IV federal student aid programs to report the enrollment information of students who receive federal student aid to the National Student Loan Data System (NSLDS). While NSLDS offers schools several options for reporting enrollment data online using the [NSLDS Professional Access Web site](), most schools report enrollment information by exchanging batch files with NSLDS across the Student Aid Internet Gateway (SAIG).

The batch Enrollment Reporting process has four steps. Each step uses the same basic Enrollment Reporting File Layout, although some fields (such as error codes) are not populated at every step. These steps are as follows:

1. NSLDS initiates the process by sending each school location an Enrollment Roster containing all the student enrollment records that NSLDS expects the school to report on. The Enrollment Roster is generated by NSLDS based on the school's enrollment reporting schedule.

2. Once the school has performed the necessary updates to the data in the Enrollment Roster, the school returns a Roster Submittal file to NSLDS.

3. NSLDS processes the incoming file and returns an Error/Acknowledgement file which acknowledges receipt of the school's Roster Submittal file and identifies any detail record level errors in that file.

4. The school corrects the records in the Error/Acknowledgement file and returns the corrected data to NSLDS as an Error Correction file.

Schools can select the file format they use for exchanging batch Enrollment data with NSLDS by updating their preferences on the Enrollment Reporting Profile page of the [NSLDS Professional Access Web site](). Schools that do not make another selection will receive their enrollment roster in the new fixed-width format.

By July 1, 2014, schools must begin to submit one of the following file layouts, which include new record types and new data fields to support the 150% Direct Subsidized Loan Limit provision:

• New Fixed-Width

• New Comma Separated Values (CSV)

When this change occurs, NSLDS will no longer accept files in the previous Original and Enhanced fixed-width or CSV formats. At the same time, NSLDS will stop accepting files in the XML format, although support for XML file exchange with a modified schema may be added at a later date.

The new CSV Enrollment Reporting file will consist of a header and trailer record and multiple detail record types. These record types are:

- Record Type '000' – Header (existing)
- Record Type '001' – Campus-Level (existing record with updates)
- Record Type '002' – Program-Level (new)
- Record Type '003' – Email Address (new)
- Record Type '999' – Trailer (existing record with updates)

The changes to the existing '001' Campus-Level record type are:

- Addition of Student Phone Number fields
- OPEID and Move To OPEID will be 8-digit fields
- Move To OPEID field repositioned to end of record
- Credential Level moving to Program-Level Record Type '002'
- Addition of Bundle Rejected Flag (see below)

The fields in the new '002' Program-Level record type include:

- Classification of Instructional Programs (CIP) code
- Program Credential Level
- Published Program Length
- Published Program Length Measurement (Weeks, Months, Years)
- Weeks in Title IV Academic Year
- Program Begin Date
- Special Program Indicator
- Program Enrollment Status
- Program Enrollment Effective Date
- Bundle Rejected Flag

The fields in the new '003' Email Address record type include:

- Email Address
- Email Effective Date
- Bundle Rejected Flag

The changes to the existing '999' Trailer record type are:

- Addition of Valid Detail Record Count
- Addition of Detail Records in Error Count

Changes to the November 25, 2013 file layout include:

- Changes for the '001' Campus-Level record type:
  - Addition of Program Indicator field
  - Updates to the attribute name for the Student Address fields
  - Deletion of several filler fields that are no longer applicable
- Changes for the '002' Program-Level record type:
  - Updates to the value descriptions for the Special Program Indicator
- Change to all record types:
  - A Mandatory/Optional column has been added to all fields to identify submission requirements. For the '001' Campus-Level record type, the student's phone number fields are considered optional; however, if reported, all associated fields must be populated. The same is true for the entire '003' Email Address record type. The record type is considered optional, however, if an e-mail address is reported, all fields in the record must be populated.
  - A new field called "File Type Offset" has been added in each data record type. The purpose of this field is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.
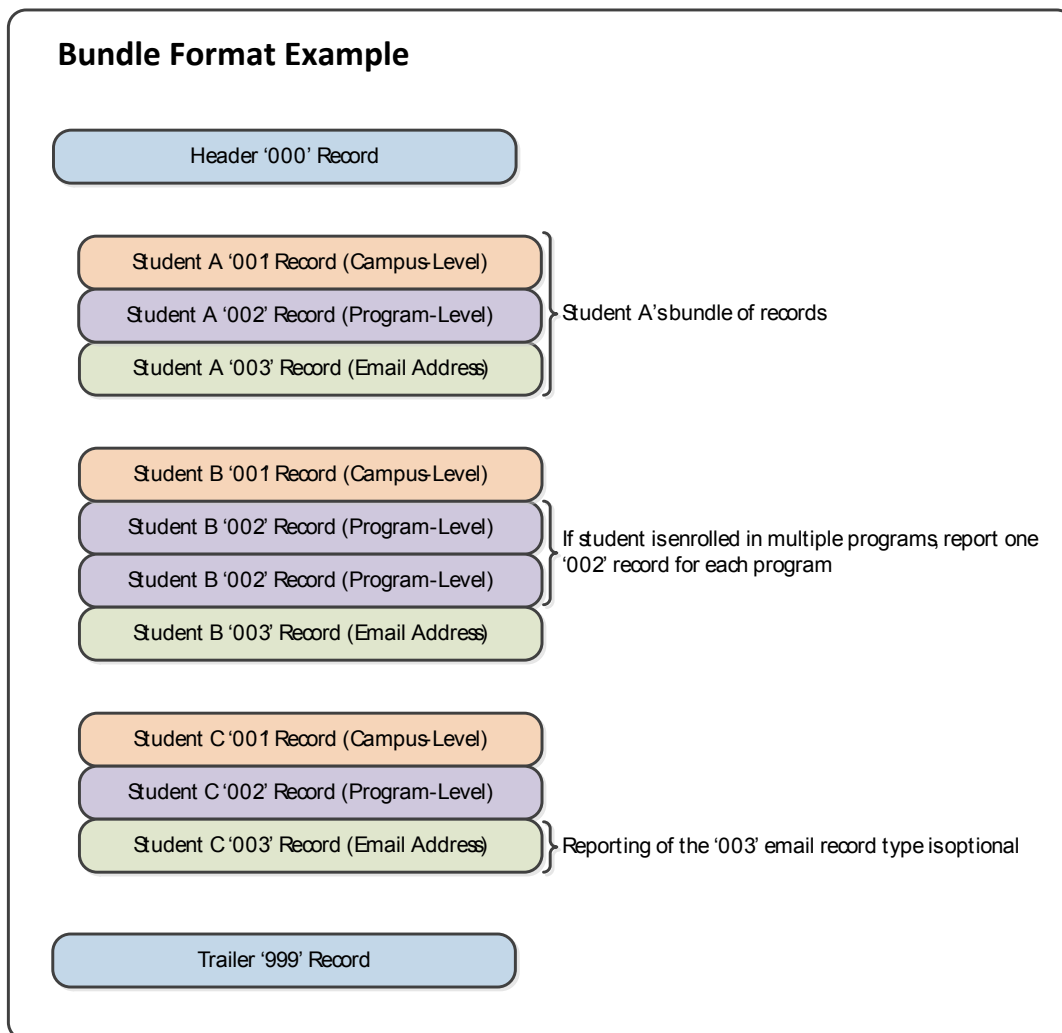
A single update for a student at a given school location will consist of a *bundle* of detail records including:

- One campus-level record (record type '001') containing student and campus-level information (required),
- Zero or more program-level records (record type '002') containing information about that student's enrollment in individual programs and information about those programs (required), and
- Zero or more email address records (record type '003') containing information about the student's email address(es) (optional).

The records in a bundle must all have the same values in the Student Current SSN and OPEID fields that occur after the Record Type field of each detail record. When a school sends a Roster Submittal or Error Correction file to NSLDS, the school must group the records for a given student in a single bundle ordered by record type. Likewise, a school should expect the

Enrollment Roster and Error/Acknowledgement files they receive from NSLDS to bundle records for individual students.

Here is an example of the "bundle" format:

Bundle Format Example

Header '000' Record

Student A '001' Record (Campus-Level)
Student A '002' Record (Program-Level)   Student A's bundle of records
Student A '003' Record (Email Address)

Student B '001' Record (Campus-Level)
Student B '002' Record (Program-Level)   If student is enrolled in multiple programs, report one
Student B '002' Record (Program-Level)   '002' record for each program
Student B '003' Record (Email Address)

Student C '001' Record (Campus-Level)
Student C '002' Record (Program-Level)
Student C '003' Record (Email Address)   Reporting of the '003' email record type is optional

Trailer '999' Record

Because each student's update will consist of multiple detail records, a valid detail record of one type may be rejected by NSLDS because of an error in another detail record in the same student's bundle. Each detail record type in the new layout will include a field named *Bundle Rejected Flag*. That flag will be set to "Y" for all the detail records in a bundle that contains an error, although the actual error code will only be displayed on the detail record that contains the error.

This document provides the updated layout for the New Enrollment Reporting Comma Separated Values (CSV) file, that may be used beginning on April 14, 2014. Schools must transition to either the new fixed-width or CSV file format by July 1, 2014. Fields may be of variable length and will be separated by commas. Additional information regarding the NSLDS Enrollment Reporting Process will be provided in a future version of the NSLDS Enrollment Reporting Guide.

Schools using the CSV format to report enrollment data must make sure that any commas in the data they submit are inside quotation marks. For example, a last name of Jones, Jr., should appear in a CSV file as "Jones,Jr.", with the quotation marks. Records that contain data with commas not protected by quotation marks will be rejected by NSLDS.

NSLDS sends CSV Enrollment Roster and Error/Acknowledgement files to schools using SAIG message class EFRCDEOP. Schools should return CSV Roster Submittal and Error Correction files to NSLDS using SAIG message class EFSCDEIN.

2 New Comma Separated Values File Format

Enrollment Reporting File Header Record

Attribute	Description	Field Format	Mandatory/ Optional
Record Type	'000' indicates header record.	Char.	M
Comma	Comma	Char.	M
Filler	Single space or no space	Char.	M
Comma	Comma	Char.	M
File Content ID	Content of the file is indicated by this ID. This field is not edited. On a submittal file the reported ID is returned to the originator of the file in the NSLDS response. Submitter can use this field as they see fit to indicate file content. When NSLDS generates the initial Roster, the file content ID contains: • "SERVICER" when the file contains multiple OPEID's different at the six digit level. • OPEID when the file is split into multiple files due to a split file preference. • First six positions of OPEID when the file is not indicated to be split.	Char.	O
Comma	Comma	Char.	M
Header Label	'NSLDS ENRL SUBMITTAL V2' or 'NSLDS ENRL ERROR V2'	Char.	M
Comma	Comma	Char.	M
Submittal Date	Date the File content was created. Format CCYYMMDD	Date	M
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
File Type	Indicates the type of file. Valid values are: • 'R' (Roster) • 'E' (Error) • 'A' (Ad hoc)	Char.	M

Enrollment Reporting File Campus-Level Record

Attribute	Description	Field Format	Mandatory/ Optional
Record Type	'001' indicates campus-level record.	Char.	M
Comma	Comma	Char.	M
Student Current SSN	Student's current Social Security Number.	Char.	M
Comma	Comma	Char.	M
OPEID*	An institution's unique 8-digit Office of Postsecondary Education ID (OPEID) of the location for which the enrollment is certified.	Char.	M
Comma	Comma	Char.	M
Student Current SSN Pseudo Indicator	Indicates whether the Student's Social Security number is real or pseudo. Valid values are: • 'R' (Real) • 'P' (Pseudo)	Char.	M
Comma	Comma	Char.	M
Student Current First	Student's current first name. 'NFN' for students with no first name.	Char.	M
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Student Current Last	Student's current last name. 'NLN' for students with no last name.	Char.	M
Comma	Comma	Char.	M
Student Current Middle	Student's current middle name.	Char.	O
Comma	Comma	Char.	M
Student DOB	Student's Date of Birth. Format CCYYMMDD '19000101' if student's DOB unknown.	Date	M
Comma	Comma	Char.	M
Student Branch Designator Code	Optional field used by schools to identify students within their own systems.	Char.	O
Comma	Comma	Char.	M
Certification Date	Date enrollment certified by school. Format CCYYMMDD	Date	M
Comma	Comma	Char.	M
Enrollment Effective Date	Date student's enrollment status took effect. Format CCYYMMDD	Date	M
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Enrollment Status	Code for student's enrollment status: • 'F' (full-time) • 'Q' (three-quarter time) • 'H' (half-time) • 'L' (less than half-time) • 'A' (leave of absence) • 'G' (graduated) • 'W' (withdrawn) • 'D' (deceased) • 'X' (never attended) • 'Z' (record not found)	Char.	M
Comma	Comma	Char.	M
Anticipated Completion Date	Expected date of graduation or termination for student. Format CCYYMMDD	Date	M
Comma	Comma	Char.	M
Term Begin Date	Date on which the current term began. Format CCYYMMDD	Date	O
Comma	Comma	Char.	M
Term End Date	Date on which the current term will end. Format CCYYMMDD	Date	O
Comma	Comma	Char.	M
Address Effective Date	Date student's address became effective or the sender became aware of the information. Format CCYYMMDD	Date	M
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Good Address Flag	Flag to indicate a valid student address Valid values are: • 'Y' (Yes) • 'N' (No) Spaces default to 'Y'.	Char.	M
Comma	Comma	Char.	M
Student's Permanent Address Line 1	First line of student address.	Char.	M
Comma	Comma	Char.	M
Student's Permanent Address Line 2	Second line of student address.	Char.	O
Comma	Comma	Char.	M
Student's Permanent Address City	City where student lives.	Char.	M
Comma	Comma	Char.	M
Student's Permanent Address State / Province	State or province where student lives.	Char.	M
Comma	Comma	Char.	M
Student's Permanent Address Country	Country where student lives.	Char.	M
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Student's Permanent Address Postal Code	Postal code where student lives.	Char.	M
Comma	Comma	Char.	M
Student Phone Type	The type of phone number being reported. Values are: • 'C' (Cell) • 'H' (Home) • 'O' (Other) • 'W' (Work)	Char.	O
Comma	Comma	Char.	M
Preferred Phone Number Flag	Flag indicating whether this is a phone number the student prefers to use. Values are: • 'Y' (Yes) • 'N' (No) Spaces default to 'Y'.	Char.	O
Comma	Comma.	Char.	M
Student Phone Country Code	The country code for the student phone number.	Char.	O
Comma	Comma.	Char.	M
Student Phone Number	The student's phone number.	Char.	O
Comma	Comma.	Char.	M
Move To OPEID*	An institution's unique 8-digit Office of Postsecondary Education ID (OPEID) of the school location to which student enrollment is being moved.	Char.	O

Attribute	Description	Field Format	Mandatory/ Optional
Comma	Comma.	Char.	M
Program Indicator	Indicates if a student is enrolled in at least one program. Values are: • 'Y' (Yes) • 'N' (No) Spaces default to 'Y'. If this field is populated with a "Y" or "Space" the school is required to report the student's program-level enrollment data in record type '002'. This field should only be set to 'N' when the student is not enrolled in *any* program of study at the school; otherwise, the student should be set to 'Y'. Students, including almost all undecided students, are enrolled in a program of study, whether it is eligible or ineligible for Title IV aid, and must have their program-level enrollment data reported to NSLDS.	Char.	M
File Type Offset	Twenty-three (23) commas. Note: The purpose of this field in each data record type is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.	Char.	M
Bundle Rejected Flag	Flag to indicate that an error in this record or in another record in the same student bundle caused this record to error out. Valid values are: • 'Y' (Yes) • Space (No)	Char.	O
Comma	Comma.	Char.	M
Error Code 1	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Error Code 2	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma	Char.	M
Error Code 3	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma	Char.	M
Error Code 4	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma	Char.	M
Error Code 5	Code of error returned to school by NSLDS.	Char.	O

Enrollment Reporting File Program-Level Record

Attribute	Description	Field Format	Mandatory/ Optional
Record Type	'002' indicates program record.	Char.	M
Comma	Comma.	Char.	M
Student Current SSN	Student's Current Social Security Number.	Char.	M
Comma	Comma.	Char.	M
OPEID*	An institution's unique 8-digit Office of Postsecondary Education ID (OPEID) of the location for which the enrollment is certified.	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
File Type Offset	Thirty (30) commas. Note: the purpose of this field in each data record type is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.	Char.	M
CIP Code	Six-digit Classification of Instructional Program code (without period) identifying a program's academic content.	Char.	M
Comma	Comma.	Char.	M
CIP Year	Year in which the CIP codes used by NSLDS were published. The CIP Year for the codes currently used by NSLDS is 2010. Format CCYY	Char.	M
Comma	Comma.	Char.	M
Credential Level	The credential level of the program. Values are: • '01' (Undergraduate Certificate or Diploma Program) • '02' (Associate's Degree) • '03' (Bachelor's Degree) • '04' (Post Baccalaureate Certificate) • '05' (Master's Degree) • '06' (Doctoral Degree) • '07' (First Professional Degree) • '08' (Graduate / Professional Certificate) • '99' (Non-Credential Program [Preparatory Coursework / Teacher Certification])	Char.	M
Comma	Comma.	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Published Program Length	The length of the instructional program in years, months, or weeks as published by the school. Format "nnnnnn", with an implied decimal point between the third and fourth digits. Thus, schools should report: • "000100" to represent a value of one tenth • "001000" to represent a value of one • "010000" to represent a value of ten • "100000" to represent a value of one hundred	Num.	M
Comma	Comma.	Char.	M
Published Program Length Measurement	The unit of measure for the length of the instructional program as published by the school. Values are: • 'W' (Weeks) • 'M' (Months) • 'Y' (Years)	Char.	M
Comma	Comma.	Char.	M
Weeks in Title IV Academic Year	The total number of weeks of instruction in the program's academic year. Only report when Published Program Length Measurement is W or M. Format "nnnnnn", with an implied decimal point between the third and fourth digits. Thus, schools should report: • "000100" to represent a value of one tenth • "001000" to represent a value of one • "010000" to represent a value of ten • "100000" to represent a value of one hundred	Num.	M
Comma	Comma.	Char.	M
Program Begin Date	Date on which the student began attending the program. Format CCYYMMDD	Date	M
Comma	Comma.	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Special Program Indicator	Flag to indicate that the program belongs to one of the following groups: • 'A' (Special Admission Associate Degree Program) • 'B' (Bachelor's Degree Completion Program) • 'N' (Not Applicable) • 'P' (Preparatory Coursework Graduate Professional Program) • 'T' (Non-Credential Teacher Certification Program) • 'U' (Preparatory Coursework Undergraduate Program)	Char.	M
Comma	Comma.	Char.	M
Program Enrollment Status	Code for the student's enrollment status in that program. Values are: • 'F' (Full-Time) • 'Q' (Three-Quarter Time) • 'H' (Half-Time) • 'L' (Less Than Half-Time) • 'A' (Leave Of Absence) • 'G' (Graduated) • 'W' (Withdrawn) • 'D' (Deceased) • 'X' (Never Attended) • 'Z' (Record Not Found)	Char.	M
Comma	Comma.	Char.	M
Program Enrollment Effective Date	Effective date for the enrollment reported by the school. Format CCYYMMDD	Date	M

Attribute	Description	Field Format	Mandatory/ Optional
File Type Offset	Ten (10) commas. Note: the purpose of this field in each record type is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.	Char.	M
Bundle Rejected Flag	Flag to indicate that an error in this record or in another record in the same student bundle caused this record to error out. Valid values are: • 'Y' (Yes) • Space (No)	Char.	O
Comma	Comma.	Char.	M
Error Code 1	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	M
Error Code 2	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	M
Error Code 3	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	M
Error Code 4	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	M
Error Code 5	Code of error returned to school by NSLDS.	Char.	O

Enrollment Reporting File Email Address Record

Attribute	Description	Field Format	Mandatory/ Optional
Record Type	'003' indicates email address record.	Char.	O
Comma	Comma.	Char.	O
Student Current SSN	Student's Current Social Security Number.	Char.	O
Comma	Comma.	Char.	O
OPEID*	An institution's unique 8-digit Office of Postsecondary Education ID (OPEID) of the location for which the enrollment is certified.	Char.	O
File Type Offset	Forty-three (43) commas. Note: the purpose of this field in each record type is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.	Char.	O
Email Effective Date	Date as of which the email address is effective. Format CCYYMMDD	Date	O
Comma	Comma.	Char.	O
Good Email Address Flag	Flag indicating that the email address is good according to the school. Values are: • 'Y' (Yes) • 'N' (No) Spaces default to 'Y'.	Char.	O
Comma	Comma.	Char.	O
Email Address	The email address being reported.	Char.	O

Attribute	Description	Field Format	Mandatory/ Optional
File Type Offset	Four (4) commas. Note: the purpose of this field in each record type is to allow schools that are importing the CSV file into a spreadsheet to have the data field columns of each record type align to a unique column header for each data field. This will make updating the file easier for those who use the Spreadsheet Submittal process.	Char.	O
Bundle Rejected Flag	Flag to indicate that an error in this record or in another record in the same student bundle caused this record to error out.	Char.	O
Comma	Comma.	Char.	O
Error Code 1	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	O
Error Code 2	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	O
Error Code 3	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	O
Error Code 4	Code of error returned to school by NSLDS.	Char.	O
Comma	Comma.	Char.	O
Error Code 5	Code of error returned to school by NSLDS.	Char.	O

Enrollment Reporting File Trailer Record

Attribute	Description	Field Format	Mandatory/ Optional
Record Type	'999' indicates trailer record.	Char.	M

Attribute	Description	Field Format	Mandatory/ Optional
Comma	Comma	Char.	M
Filler	Single space or no space	Char.	M
Comma	Comma	Char.	M
File Content ID	Same as header.	Char.	O
Comma	Comma	Char.	M
Detail Record Count	Number of detail records.	Num.	M
Comma	Comma.	Char.	M
Valid Detail Record Count	Number of valid detail records in the file.	Num.	M
Comma	Comma.	Char.	M
Detail Records in Error Count	Number of detail records in error in the file.	Num.	M

* The OPEID is the combination of the 6 digit school code and the 2 digit school location code. If a school has more than 99 locations, the first digit of the OPEID is then incremented to 1. If the school has more than 199 locations, the first digit is then incremented to 2, and so forth. For example, location 00 = 06789900, location 101 = 16789901, location 202 = 26789902.

Appendix A – Country Codes

Code	Country	Code	Country
AX	Aaland Islands	BJ	Benin
AF	Afghanistan	BM	Bermuda
AL	Albania	BT	Bhutan
DZ	Algeria	BO	Bolivia
AD	Andorra	BQ	Bonaire, Sint Eustatius and Saba
AO	Angola	BA	Bosnia and Herzegovina
AI	Anguilla	BW	Botswana
AQ	Antarctica	BV	Bouvet Island
AG	Antigua and Barbuda	BR	Brazil
AR	Argentina	IO	British Indian Ocean Territory
AM	Armenia	VG	British Virgin Islands
AW	Aruba	BN	Brunei Darussalam
SH	Ascension	BG	Bulgaria (Republic)
AU	Australia	BF	Burkina Faso
AT	Austria	BI	Burundi
AZ	Azerbaijan	KH	Cambodia
BS	Bahamas	CM	Cameroon
BH	Bahrain	CA	Canada
BD	Bangladesh	CV	Cape Verde
BB	Barbados	KY	Cayman Islands
BY	Belarus	CF	Central African Republic
BE	Belgium	TD	Chad
BZ	Belize	CL	Chile

Country Codes			
Code	**Country**	**Code**	**Country**
CN	China (People's Republic)	ER	Eritrea
CX	Christmas Island	EE	Estonia
CC	Cocos Islands	ET	Ethiopia
CO	Colombia	FK	Falkland Islands (Malvinas)
KM	Comoros	FO	Faroe Islands
CG	Congo (Republic)	FJ	Fiji
CK	Cook Island	FI	Finland (including the Aland Islands)
CR	Costa Rica	FR	France
CI	Cote d'Ivoire (Republic)	GF	French Guiana
HR	Croatia	PF	French Polynesia (including Clipperton)
CU	Cuba	TF	French Southern and Antarctic Territories
CW	Curaçao	GA	Gabon
CY	Cyprus	GM	Gambia
CZ	Czech Republic	GE	Georgia
KP	Democratic People's Republic of Korea	DE	Germany
CD	Democratic Republic of the Congo	GH	Ghana
DK	Denmark	GI	Gibraltar
DJ	Djibouti	GB	Great Britain
DM	Dominica	GR	Greece
DO	Dominican Republic	GL	Greenland
TP	East Timor	GD	Grenada
EC	Ecuador	GP	Guadeloupe (incl. St Barthelemy)
EG	Egypt	GU	Guam
SV	El Salvador	GT	Guatemala
GQ	Equatorial Guinea	GG	Guernsey

Country Codes			
Code	**Country**	**Code**	**Country**
GN	Guinea	KW	Kuwait
GW	Guinea-Bissau	KG	Kyrgyzstan
GY	Guyana	LA	Lao People's Democratic Republic
HT	Haiti	LV	Latvia
HM	Heard Island and McDonald Islands	LB	Lebanon
HN	Honduras (Republic)	LS	Lesotho
HK	Hong Kong, China (People's Republic)	LR	Liberia
HU	Hungary (Republic)	LY	Libyan Jamahiriya
IS	Iceland	LI	Liechtenstein
IN	India	LT	Lithuania
ID	Indonesia	LU	Luxembourg
IR	Iran (Islamic Republic)	MO	Macao, China (People's Republic)
IQ	Iraq	MG	Madagascar
IE	Ireland	MW	Malawi
IL	Israel	MY	Malaysia
IM	Isle of Man	MV	Maldives
IT	Italy	ML	Mali
JM	Jamaica	MT	Malta
JP	Japan	MH	Marshall Islands
JE	Jersey	MQ	Martinique
JO	Jordan	MR	Mauritania
KZ	Kazakhstan	MU	Mauritius
KE	Kenya	MX	Mexico
KI	Kiribati	FM	Micronesia (Federated States of)
KR	Korea (Republic)	MD	Moldova

Country Codes			
Code	**Country**	**Code**	**Country**
MC	Monaco	PG	Papua New Guinea
MN	Mongolia	PY	Paraguay
ME	Montenegro	PE	Peru
MS	Montserrat	PH	Philippines
MA	Morocco	PN	Pitcairn, Henderson, Ducie and Oeno
MZ	Mozambique	PL	Poland
MM	Myanmar	PT	Portugal
NA	Namibia	PR	Puerto Rico
NR	Nauru	QA	Qatar
NP	Nepal	RE	Reunion
AN	Netherlands Antilles	RO	Romania
NL	Netherlands	RU	Russian Federation
NC	New Caledonia	RW	Rwanda
NZ	New Zealand (including the Ross Dependency)	BL	Saint Barthélemy
NI	Nicaragua	KN	Saint Christopher (St Kitts) and Nevis
NE	Niger	LC	Saint Lucia
NG	Nigeria	MF	Saint Martin (French Part)
NU	Niue	VC	Saint Vincent and the Grenadines
NF	Norfolk Island	WS	Samoa
NO	Norway	AS	Samoa
OM	Oman	SM	San Marino
PK	Pakistan	ST	Sao Tome and Principe
PW	Palau	SA	Saudi Arabia
PS	Palestinian Territory, Occupied	RE	Scattered Islands
PA	Panama (Republic)	SN	Senegal

Country Codes			
Code	**Country**	**Code**	**Country**
RS	Serbia	TZ	Tanzania (United Republic)
YU	Serbia and Montenegro	YT	Territorial Community of Mayotte
SC	Seychelles	PM	Territorial Community of St Pierre
SL	Sierra Leone	TH	Thailand
SG	Singapore	MK	The former Yugoslav Rep of Macedonia
SX	Sint Maarten (Dutch Part)	TL	Timor
SK	Slovakia	TG	Togo
SI	Slovenia	TK	Tokelau
SB	Solomon Islands	TO	Tonga (including Niuafo'ou)
SO	Somalia	TT	Trinidad and Tobago
ZA	South Africa	SH	Tristan da Cunha
GS	South Georgia and the South	MP	Trust territory of the Pacific Islands
SS	South Sudan	TN	Tunisia
ES	Spain	TR	Turkey
LK	Sri Lanka	TM	Turkmenistan
SH	St Helena	TC	Turks and Caicos Islands
SD	Sudan	TV	Tuvalu
SR	Suriname	UG	Uganda
SJ	Svalbard and Jan Mayen	UA	Ukraine
SZ	Swaziland	AE	United Arab Emirates
SE	Sweden	UM	United States Minor Outlying Islands
CH	Switzerland	US	United States of America
SY	Syrian Arab Republic	UY	Uruguay
TW	Taiwan, Province of China	UZ	Uzbekistan
TJ	Tajikistan	VA	Vatican

Country Codes			
Code	**Country**	**Code**	**Country**
VU	Vanuatu	EH	Western Sahara
VE	Venezuela	YE	Yemen
VN	Viet Nam	ZM	Zambia
VI	Virgin Islands of the USA	ZW	Zimbabwe
WF	Wallis and Futuna Islands		